

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111811.D
 Acq On : 2 Jan 2019 16:10
 Operator : JU/SJ
 Sample : IDOC-03
 Misc : BN-W-FE
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03

Quant Time: Jan 03 03:21:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139920	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	537263	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	280448	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	536923	20.00	ng	0.01
76) Chrysene-d12	14.07	240	359784	20.00	ng	0.02
87) Perylene-d12	15.56	264	345631	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	330357	40.24	ng	0.02
7) Phenol-d6	6.54	99	266640	25.52	ng	0.02
23) Nitrobenzene-d5	7.46	82	597315	64.71	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	315407	95.18	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1197200	62.22	ng	0.00
79) Terphenyl-d14	13.01	244	1315132	69.32	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	32148	8.324	ng	# 96
3) Pyridine	3.47	79	74478	7.402	ng	96
4) n-Nitrosodimethylamine	3.39	42	51446	10.447	ng	# 79
6) Aniline	6.56	93	215208	16.161	ng	98
8) 2-Chlorophenol	6.69	128	214292	23.566	ng	99
9) Benzaldehyde	6.45	77	125411	17.455	ng	96
10) Phenol	6.55	94	104116	8.833	ng	# 74
11) bis(2-Chloroethyl)ether	6.63	93	241487	27.340	ng	96
12) 1,3-Dichlorobenzene	6.85	146	255502	24.246	ng	97
13) 1,4-Dichlorobenzene	6.92	146	260596	24.384	ng	97
14) 1,2-Dichlorobenzene	7.07	146	247169	24.789	ng	97
15) Benzyl Alcohol	7.04	79	146385	17.644	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	406425	24.984	ng	96
17) 2-Methylphenol	7.16	107	140712	19.326	ng	# 90
18) Hexachloroethane	7.42	117	88157	24.478	ng	# 90
19) n-Nitroso-di-n-propylamine	7.30	70	194337	28.011	ng	96
20) 3+4-Methylphenols	7.31	107	164071	17.833	ng	92
22) Acetophenone	7.30	105	372625	27.377	ng	# 88
24) Nitrobenzene	7.48	77	282710	29.224	ng	98
25) Isophorone	7.72	82	508408	31.027	ng	98
26) 2-Nitrophenol	7.80	139	134435	34.265	ng	97
27) 2,4-Dimethylphenol	7.84	122	204291	26.414	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	318229	29.185	ng	98
29) 2,4-Dichlorophenol	8.05	162	223147	26.824	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	239610	25.848	ng	98
31) Naphthalene	8.21	128	745270	28.870	ng	96
32) Benzoic acid	7.90	122	15001	2.933	ng	90
33) 4-Chloroaniline	8.25	127	268374	24.053	ng	97
34) Hexachlorobutadiene	8.33	225	137888	24.406	ng	99
35) Caprolactam	8.59	113	8280	2.937	ng	# 85
36) 4-Chloro-3-methylphenol	8.73	107	213392	26.095	ng	98
37) 2-Methylnaphthalene	8.90	142	532541	31.708	ng	99
38) 1-Methylnaphthalene	9.00	142	505158	31.317	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	259172	28.124	ng	98

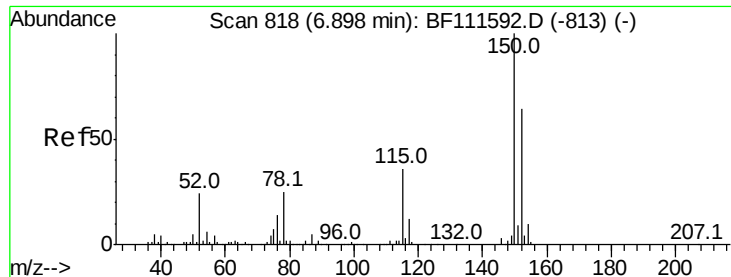
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111811.D
 Acq On : 2 Jan 2019 16:10
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	312281	69.831	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	174701	28.394	nq	95
44) 2,4,5-Trichlorophenol	9.22	196	182750	28.953	nq	92
46) 1,1'-Biphenyl	9.36	154	681855	28.802	nq	93
47) 2-Chloronaphthalene	9.39	162	522958	27.881	nq	94
48) 2-Nitroaniline	9.47	65	163919	33.593	nq	100
49) Acenaphthylene	9.80	152	854705	31.210	nq	95
50) Dimethylphthalate	9.66	163	649216	31.656	nq	97
51) 2,6-Dinitrotoluene	9.72	165	141216	34.533	nq	95
52) Acenaphthene	9.97	154	534909	31.669	nq	99
53) 3-Nitroaniline	9.89	138	122884	28.176	nq	97
54) 2,4-Dinitrophenol	9.99	184	78076	61.366	nq	86
55) Dibenzofuran	10.15	168	772101	30.257	nq	96
56) 4-Nitrophenol	10.06	139	65535	19.690	nq	92
57) 2,4-Dinitrotoluene	10.12	165	189871	38.632	nq	# 91
58) Fluorene	10.49	166	607378	33.031	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	157809	29.708	nq	91
60) Diethylphthalate	10.35	149	640098	31.818	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	306618	30.181	nq	89
62) 4-Nitroaniline	10.50	138	129479	30.546	nq	92
63) Azobenzene	10.64	77	586577	29.044	nq	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	69938	33.815	nq	90
66) n-Nitrosodiphenylamine	10.60	169	529948	29.403	nq	97
67) 4-Bromophenyl-phenylether	10.97	248	195558	29.365	nq	92
68) Hexachlorobenzene	11.05	284	218794	29.466	nq	# 89
69) Atrazine	11.12	200	181522	28.991	nq	95
70) Pentachlorophenol	11.23	266	180230	39.262	nq	99
71) Phenanthrene	11.45	178	909804	31.951	nq	94
72) Anthracene	11.50	178	931257	32.582	nq	95
73) Carbazole	11.66	167	764843	27.563	nq	95
74) Di-n-butylphthalate	11.98	149	996864	32.041	nq	97
75) Fluoranthene	12.64	202	868220	30.110	nq	96
77) Benzidine	12.75	184	350916	25.920	nq	97
78) Pyrene	12.87	202	855841	33.685	nq	96
80) Butylbenzylphthalate	13.48	149	344689	33.282	nq	88
81) Benzo(a)anthracene	14.06	228	670236	32.642	nq	97
82) 3,3'-Dichlorobenzidine	14.02	252	222561	27.434	nq	# 95
83) Chrysene	14.09	228	627717	31.105	nq	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	476769	36.547	nq	98
85) Di-n-octyl phthalate	14.66	149	706314	34.946	nq	95
86) Indeno(1,2,3-cd)pyrene	17.07	276	718130	41.860	nq	# 87
88) Benzo(b)fluoranthene	15.12	252	636586	31.514	nq	# 95
89) Benzo(k)fluoranthene	15.15	252	549629	28.580	nq	# 96
90) Benzo(a)pyrene	15.50	252	589118	32.101	nq	# 93
91) Dibenzo(a,h)anthracene	17.08	278	599179	37.285	nq	# 91
92) Benzo(g,h,i)perylene	17.52	276	601480	38.330	nq	# 87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

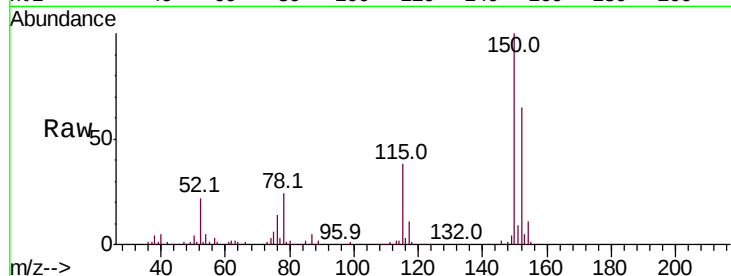


#1

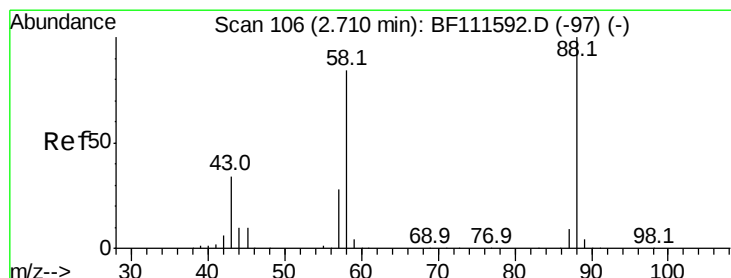
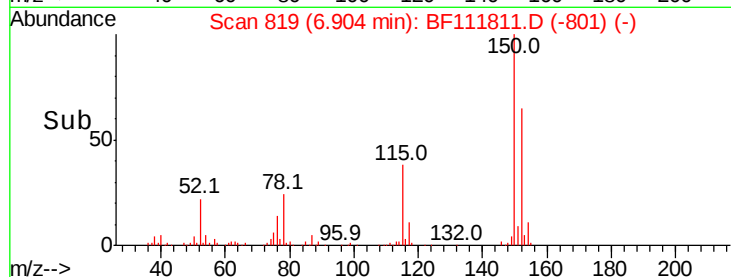
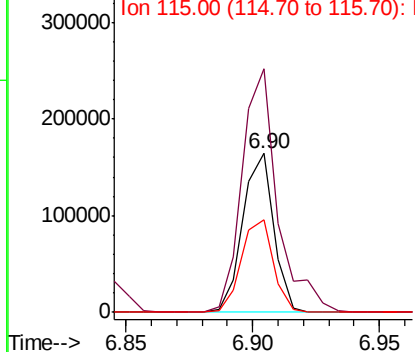
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tot Ion:152 Resp: 139920
Ion Ratio Lower Upper
152 100
150 153.6 126.6 189.8
115 58.2 50.7 76.1



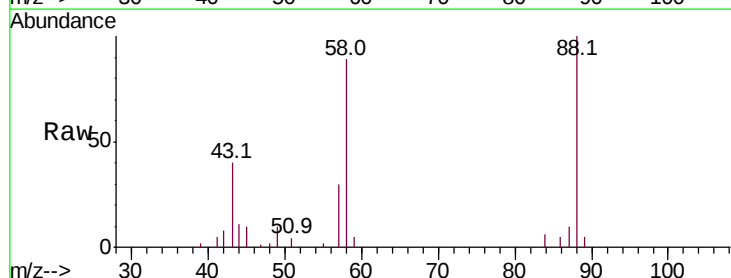
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



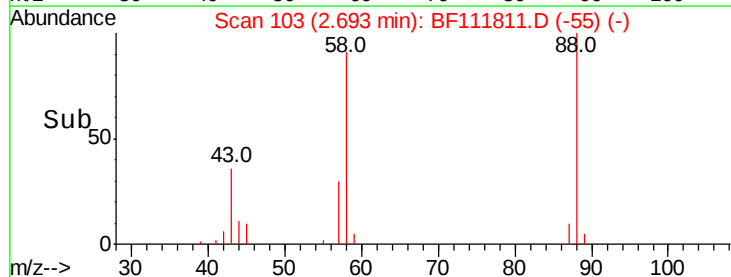
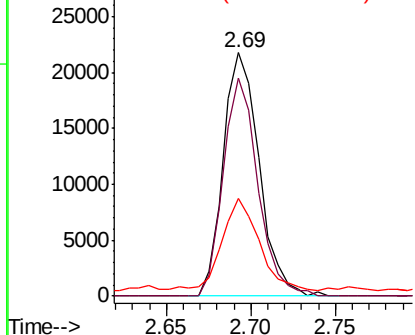
#2

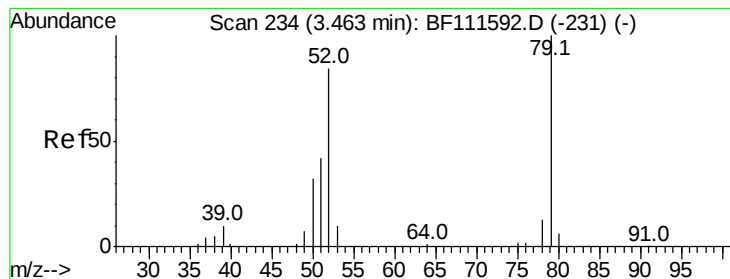
1,4-Dioxane
Concen: 8.324 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.02 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion: 88 Resp: 32148
Ion Ratio Lower Upper
88 100
58 86.6 68.9 103.3
43 39.4 25.8 38.6#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 7.402 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

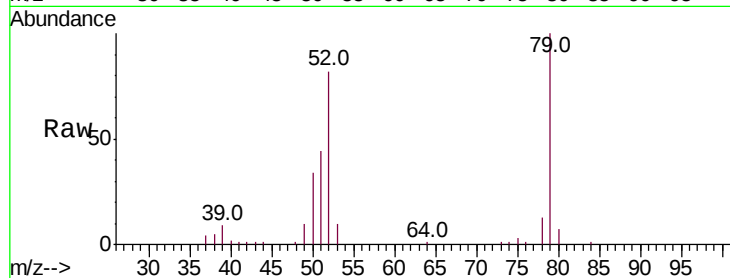
Tot Ion: 79 Resp: 74478

Ion Ratio Lower Upper

79 100

52 81.8 68.3 102.5

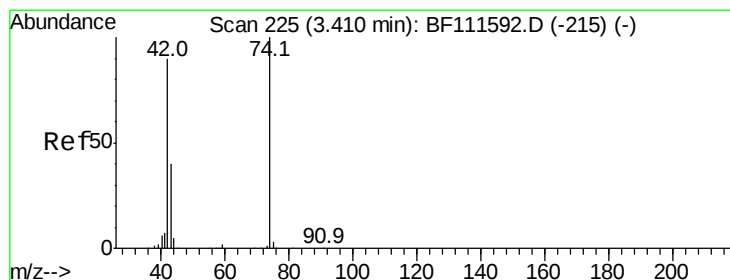
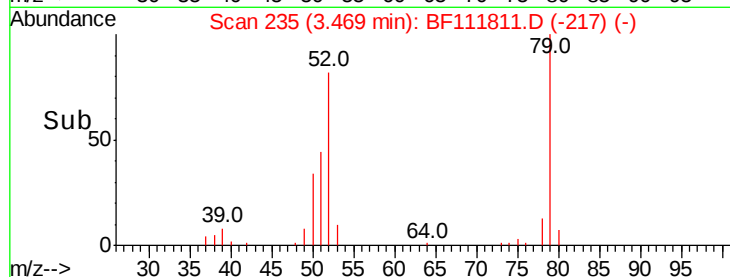
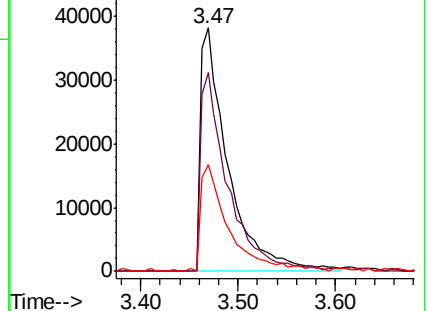
51 43.7 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 10.447 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.02 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

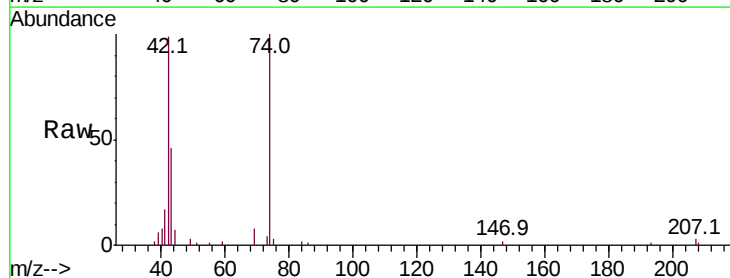
Tgt Ion: 42 Resp: 51446

Ion Ratio Lower Upper

42 100

74 101.4 101.5 152.3#

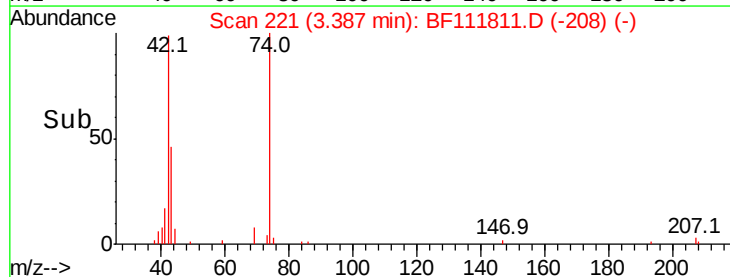
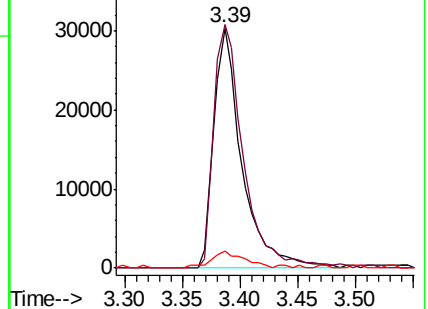
44 6.9 6.0 9.0

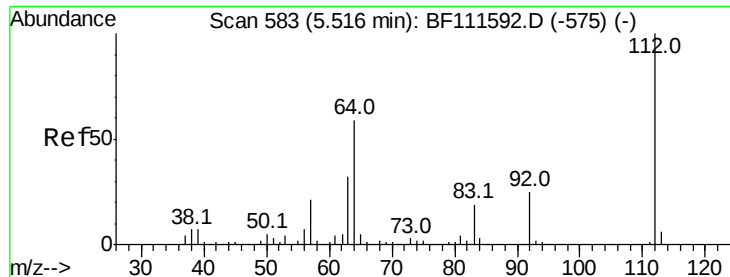


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 40.245 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampled :

IDOC-03

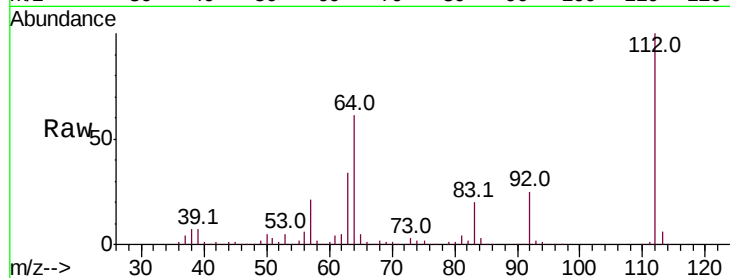
Tot Ion:112 Resp: 330357

Ion Ratio Lower Upper

112 100

64 61.4 51.8 77.6

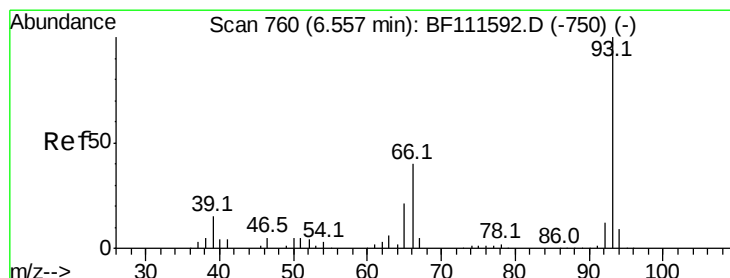
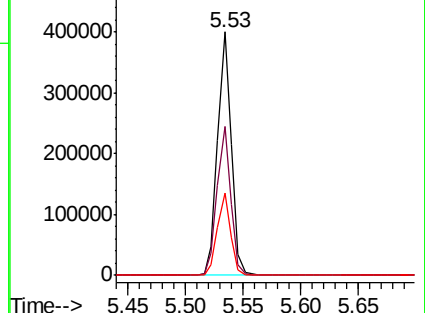
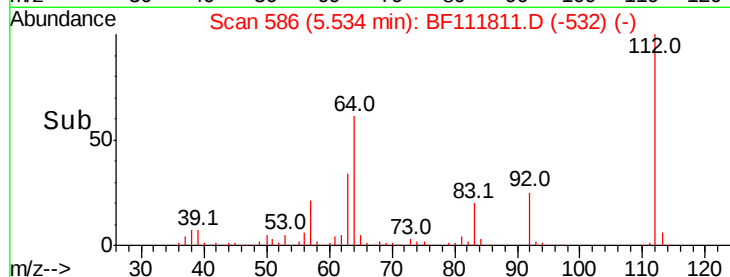
63 33.6 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 16.161 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

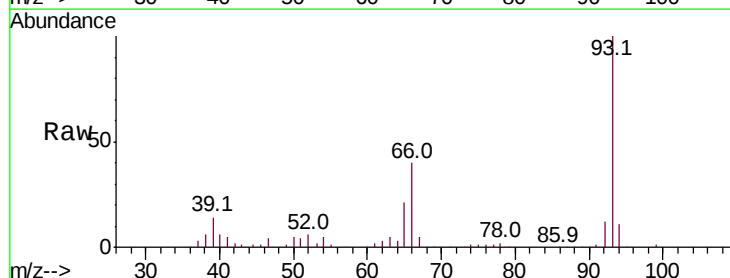
Tgt Ion: 93 Resp: 215208

Ion Ratio Lower Upper

93 100

66 39.7 33.2 49.8

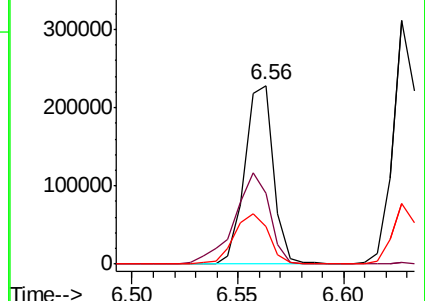
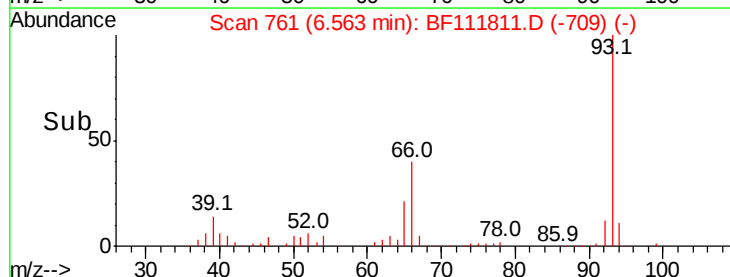
65 20.8 17.0 25.4

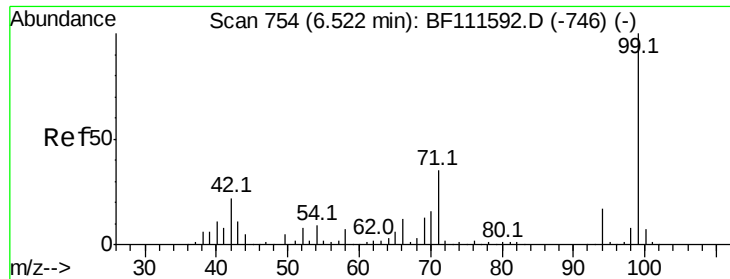


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 25.524 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

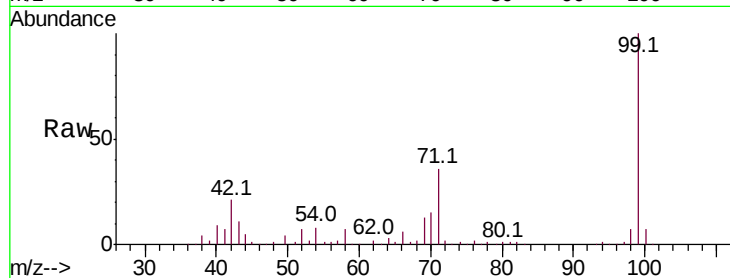
Tot Ion: 99 Resp: 266640

Ion Ratio Lower Upper

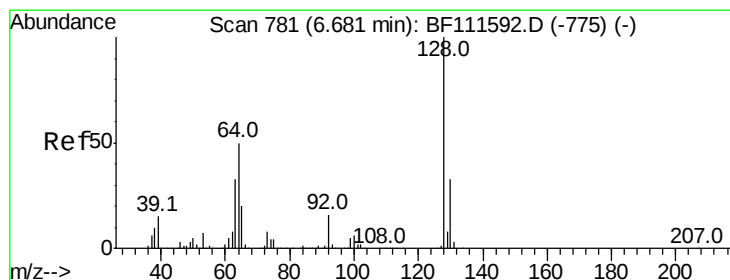
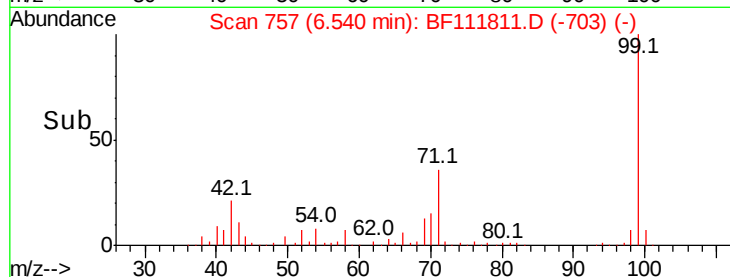
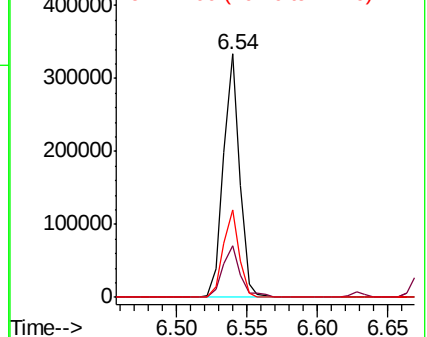
99 100

42 21.3 17.4 26.0

71 35.9 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 23.566 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

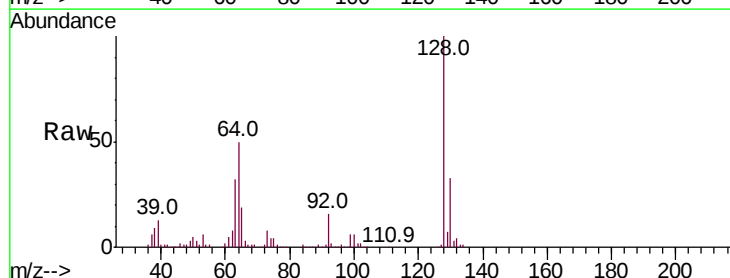
Tgt Ion:128 Resp: 214292

Ion Ratio Lower Upper

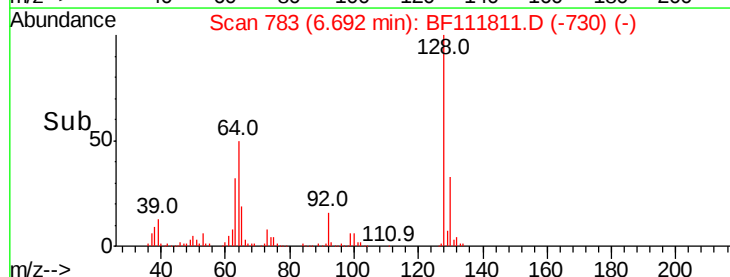
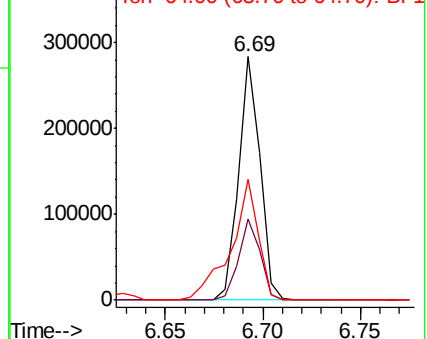
128 100

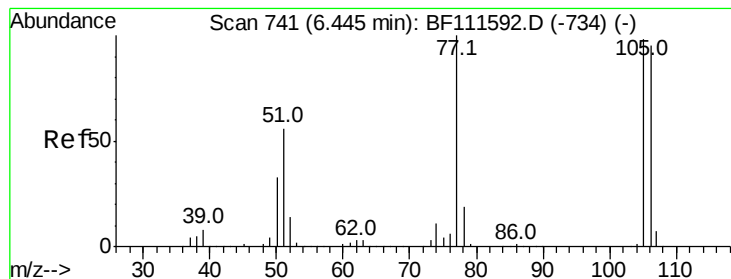
130 33.5 12.7 52.7

64 49.6 30.0 70.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.455 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

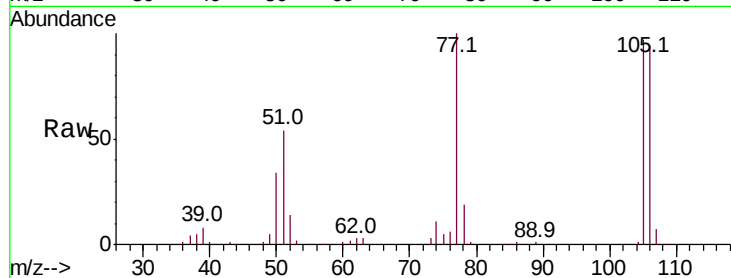
Tot Ion: 77 Resp: 125411

Ion Ratio Lower Upper

77 100

105 96.9 81.4 121.4

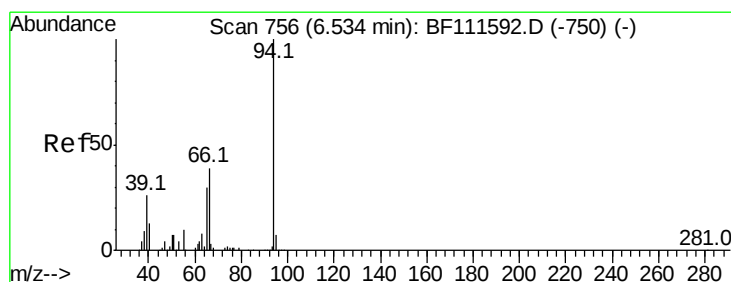
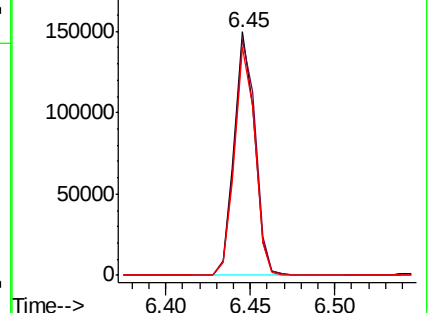
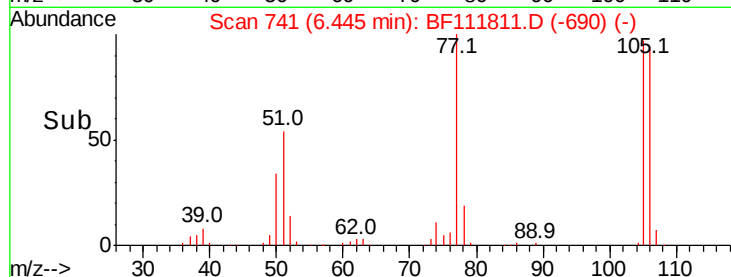
106 94.0 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 8.833 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

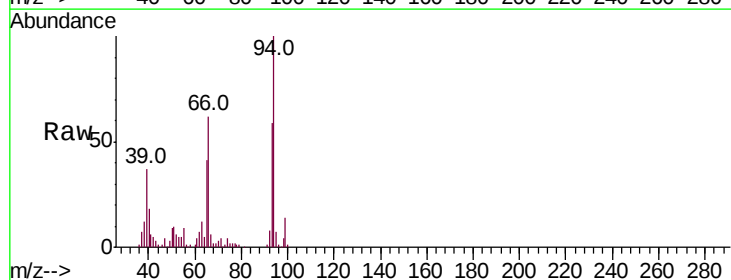
Tgt Ion: 94 Resp: 104116

Ion Ratio Lower Upper

94 100

65 41.5 11.7 51.7

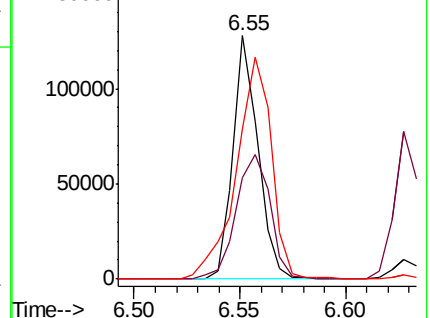
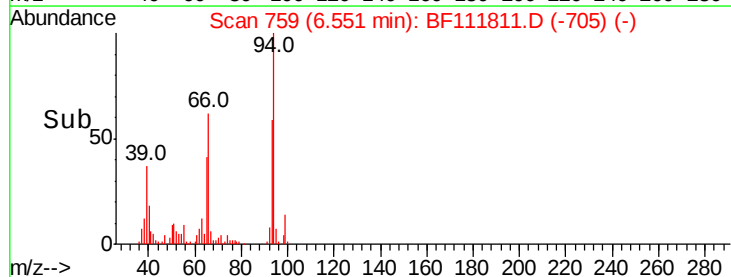
66 61.7 21.0 61.0#

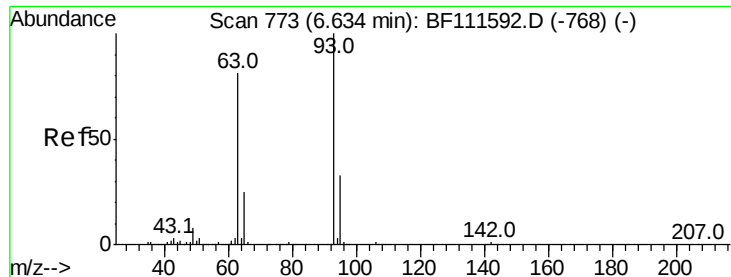


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 27.340 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

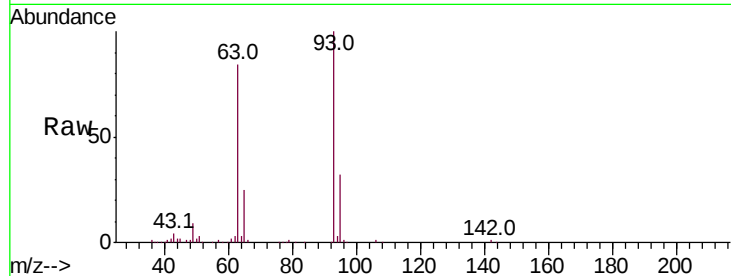
Tot Ion: 93 Resp: 241487

Ion Ratio Lower Upper

93 100

63 83.9 60.0 100.0

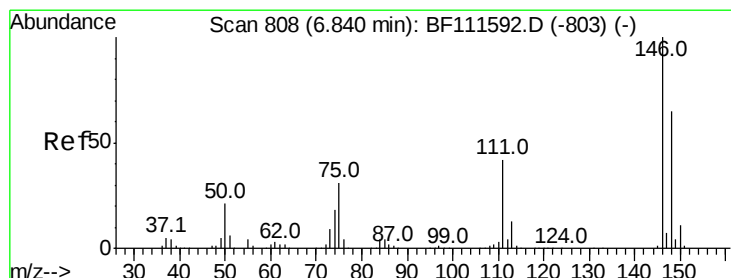
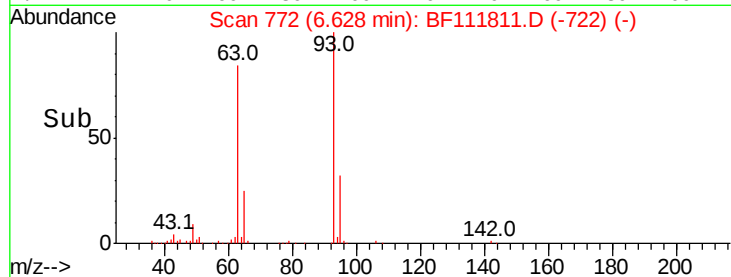
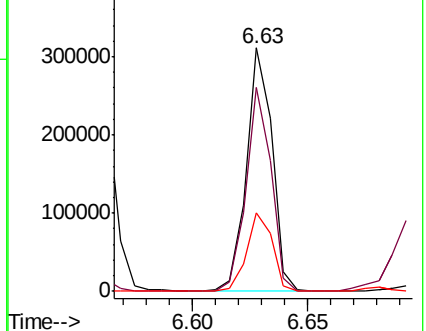
95 32.0 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 24.246 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

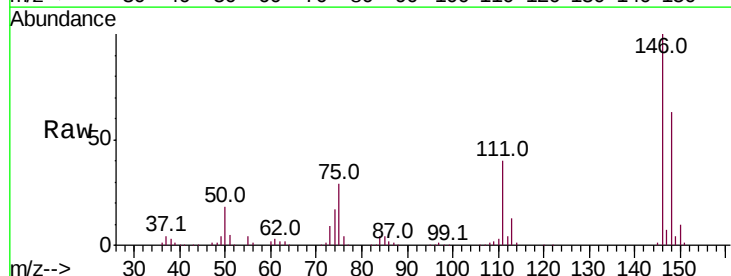
Tgt Ion: 146 Resp: 255502

Ion Ratio Lower Upper

146 100

148 62.7 52.1 78.1

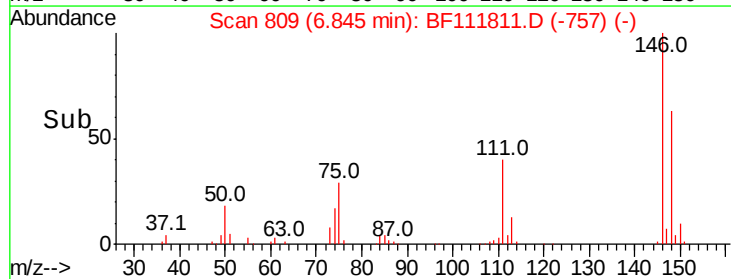
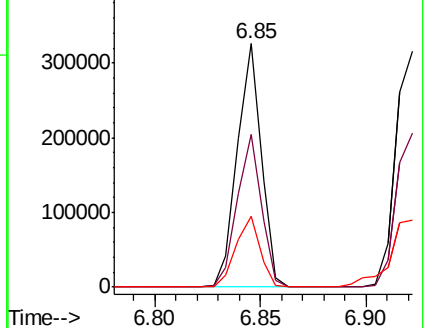
75 28.9 23.9 35.9

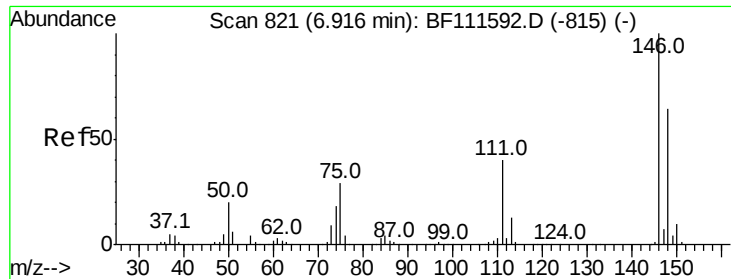


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

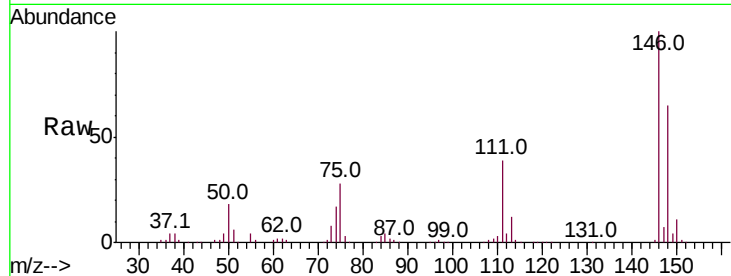




#13
 1,4-Dichlorobenzene
 Concen: 24.384 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.8	79.2
111	38.6	33.4	50.0

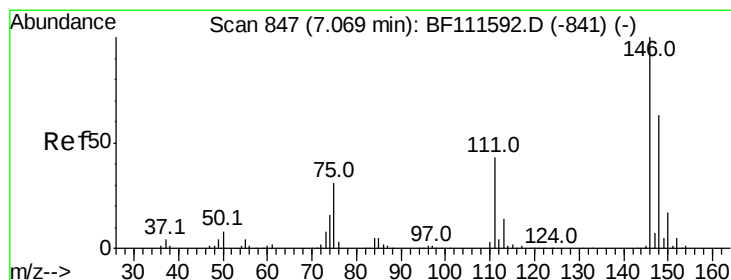
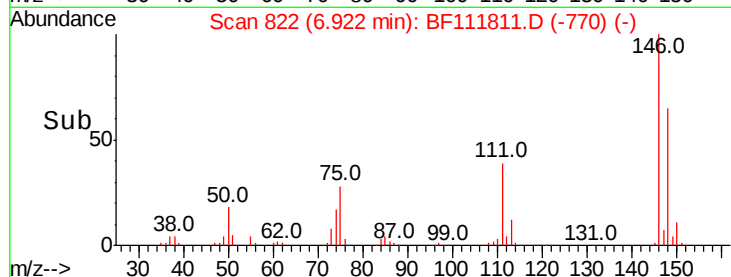
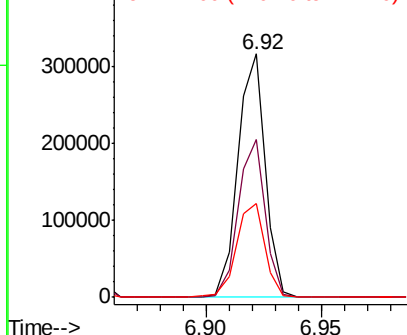


Abundance

Ion 146.00 (145.70 to 146.70): E

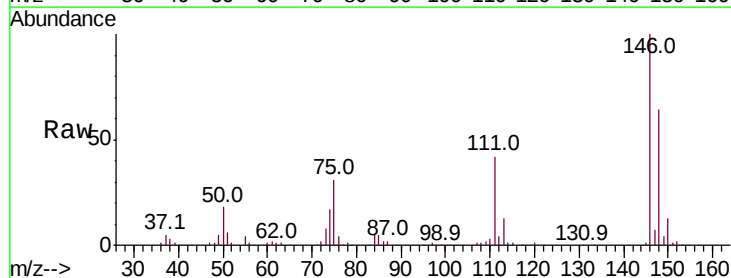
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 24.789 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	42.1	36.2	54.4

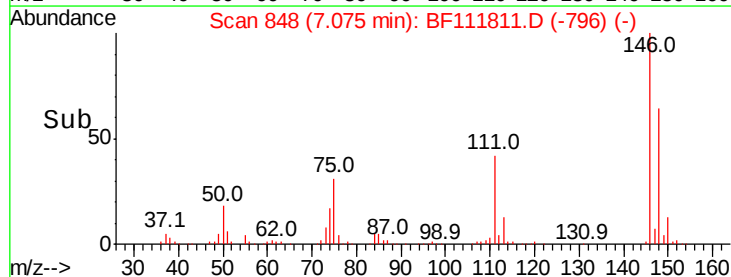
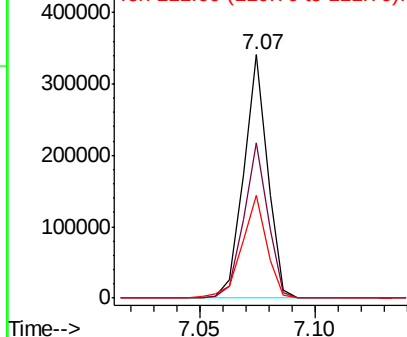


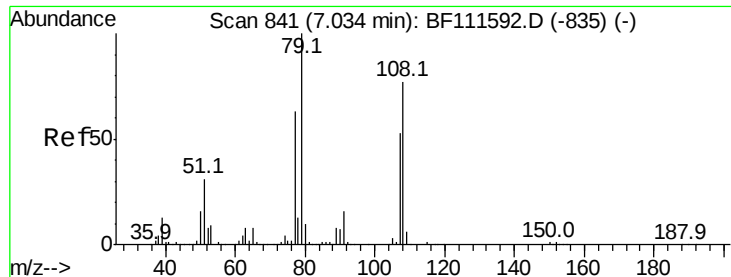
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 17.644 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

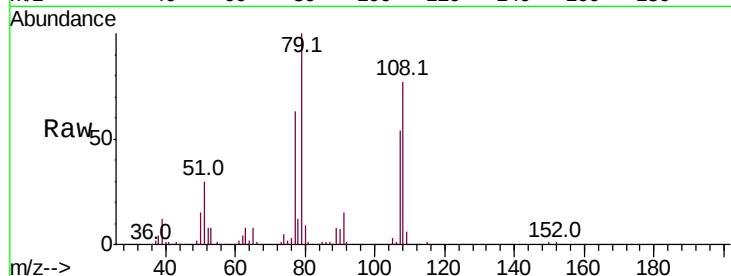
Tot Ion: 79 Resp: 146385

Ion Ratio Lower Upper

79 100

108 76.9 69.4 104.2

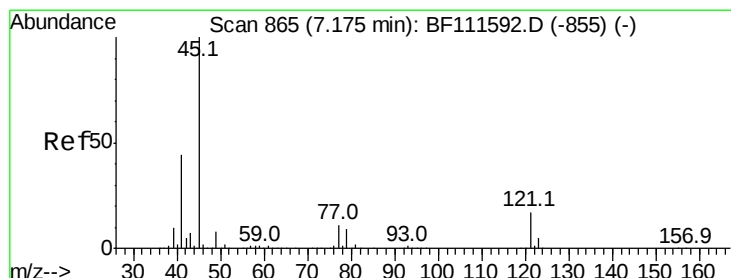
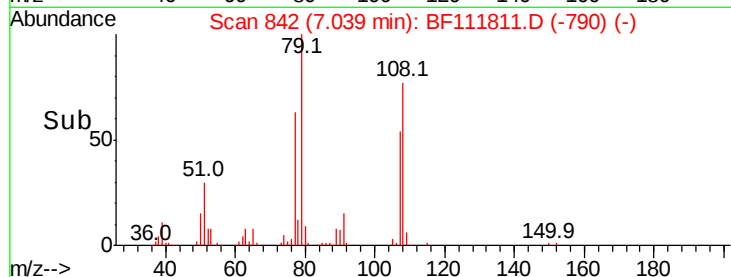
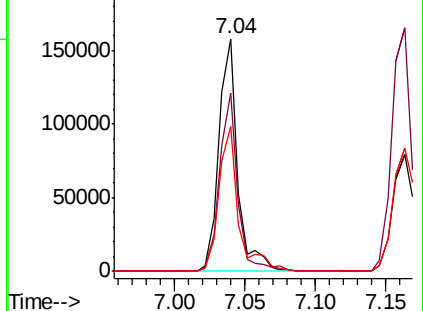
77 62.6 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 24.984 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

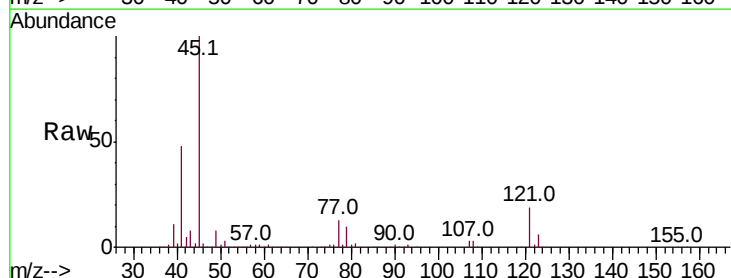
Tgt Ion: 45 Resp: 406425

Ion Ratio Lower Upper

45 100

77 13.2 0.0 31.5

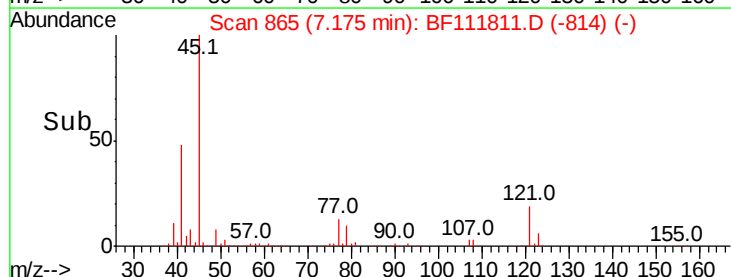
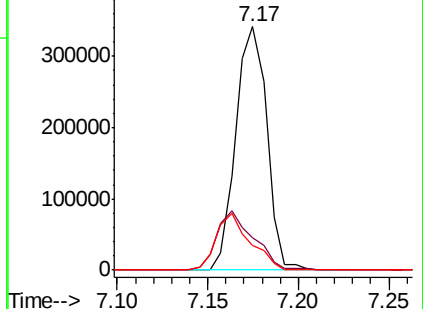
79 10.3 0.0 28.9

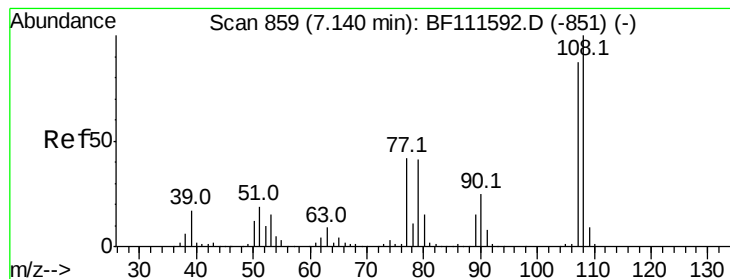


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 19.326 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.02 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

Tot Ion:107 Resp: 140712

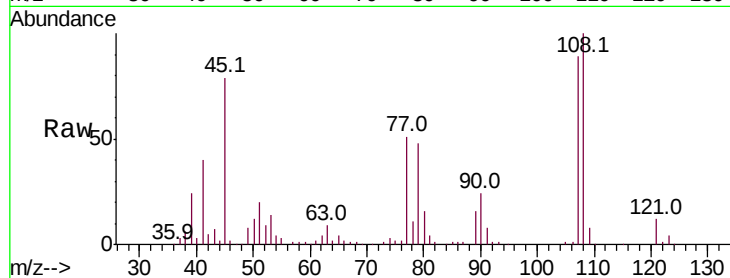
Ion Ratio Lower Upper

107 100

108 111.9 91.0 136.4

77 56.7 33.5 50.3#

79 53.6 33.3 49.9#

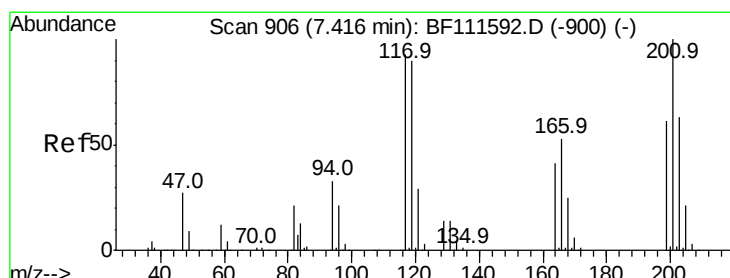
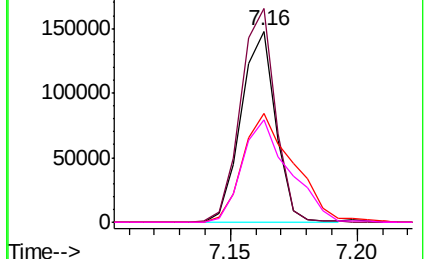
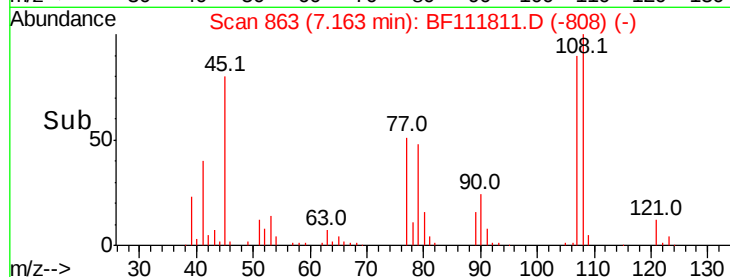


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 24.478 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

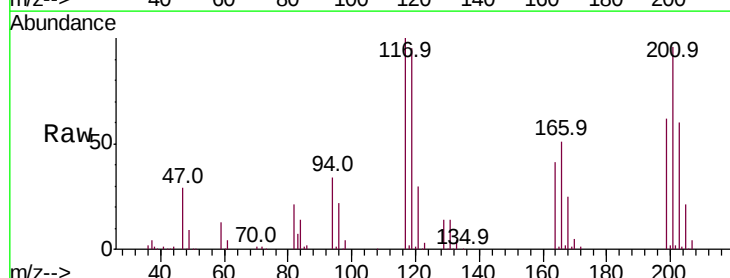
Tgt Ion:117 Resp: 88157

Ion Ratio Lower Upper

117 100

119 95.4 75.4 113.0

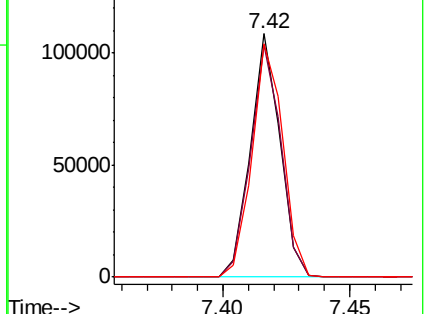
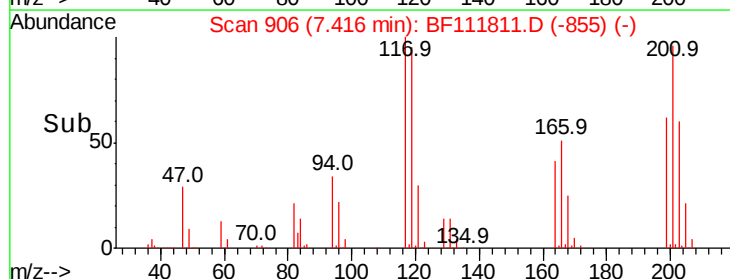
201 95.9 62.4 93.6#

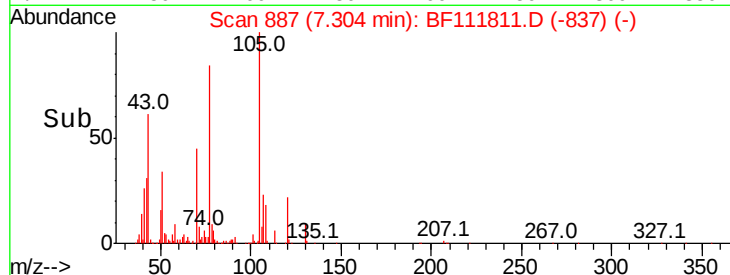
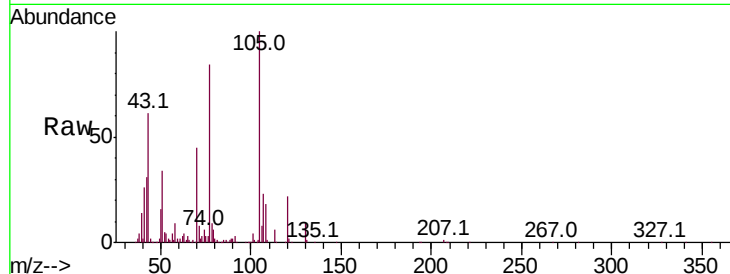
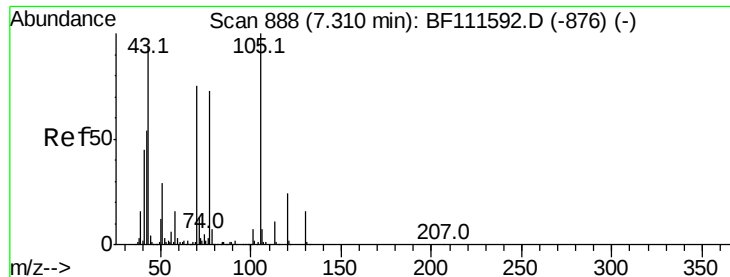


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

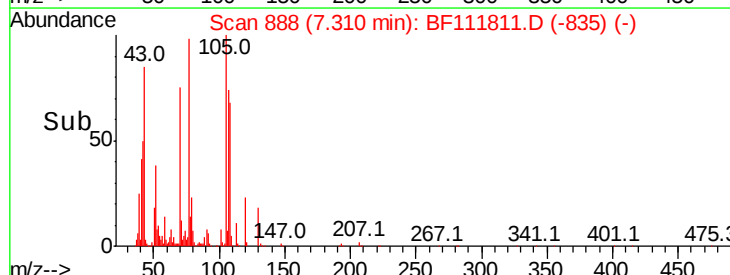
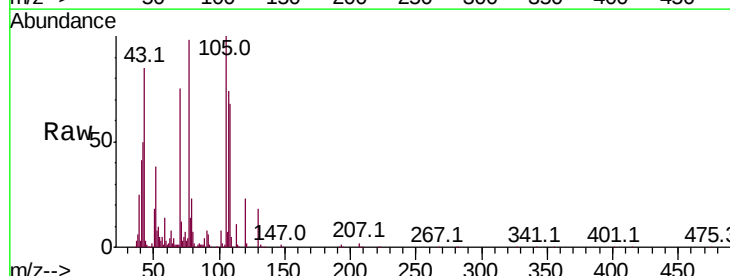
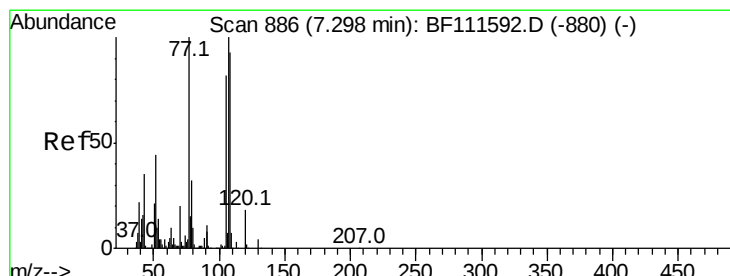
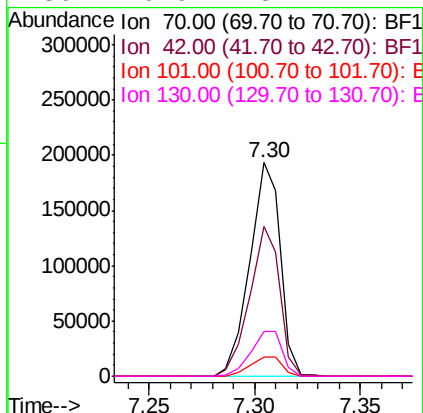




#19
n-Nitroso-di-n-propylamine
Concen: 28.011 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

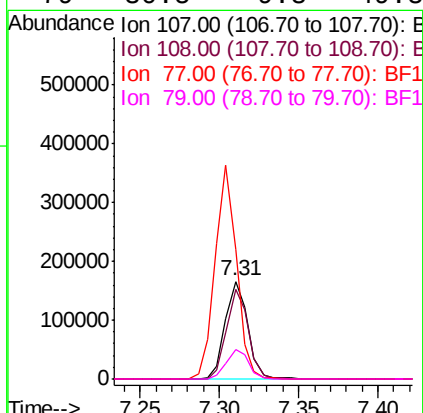
Instrument :
BNA_F
ClientSampleId :
IDOC-03

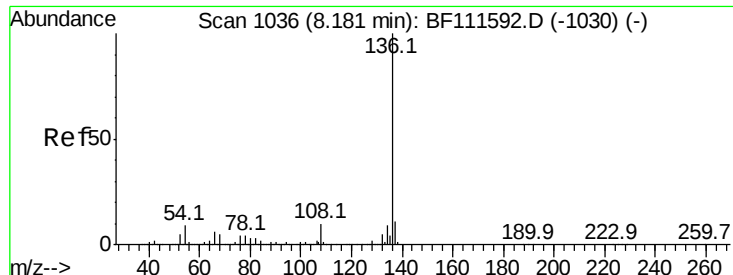
Tot Ion:	70	Resp:	194337
Ion	Ratio	Lower	Upper
70	100		
42	70.1	53.2	79.8
101	9.3	8.2	12.4
130	20.9	18.1	27.1



#20
3+4-Methylphenols
Concen: 17.833 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:	107	Resp:	164071
Ion	Ratio	Lower	Upper
107	100		
108	91.2	72.1	112.1
77	131.8	94.1	134.1
79	30.5	9.8	49.8

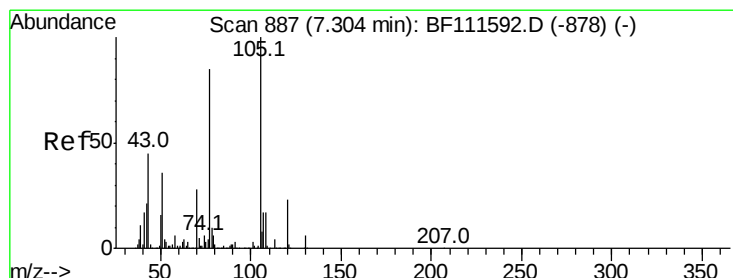
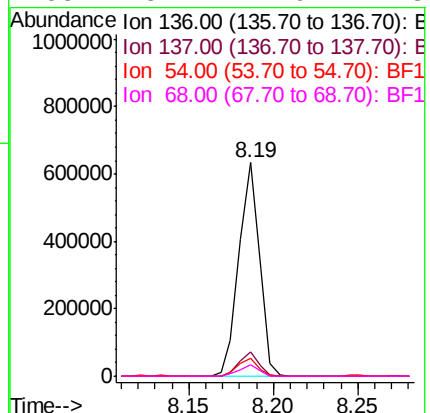
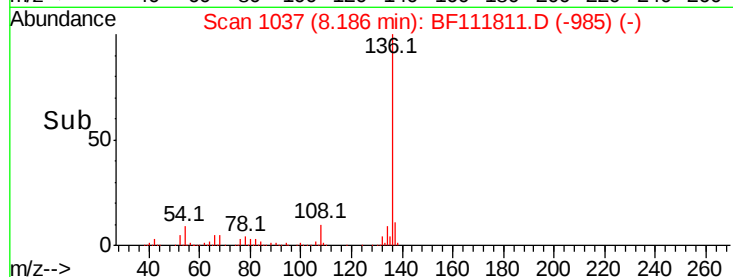
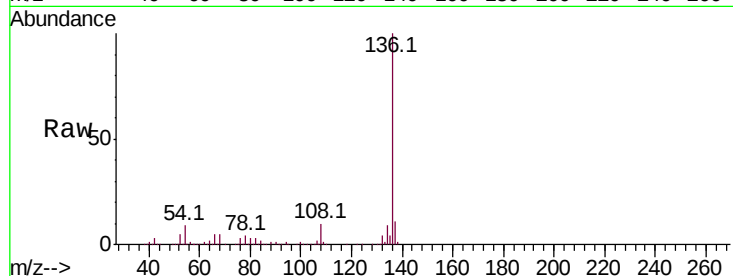




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

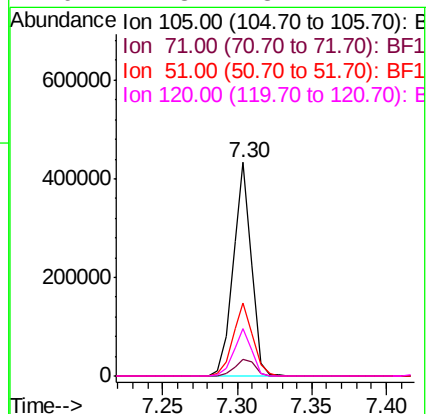
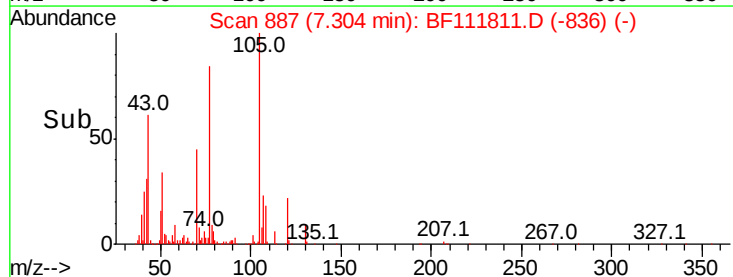
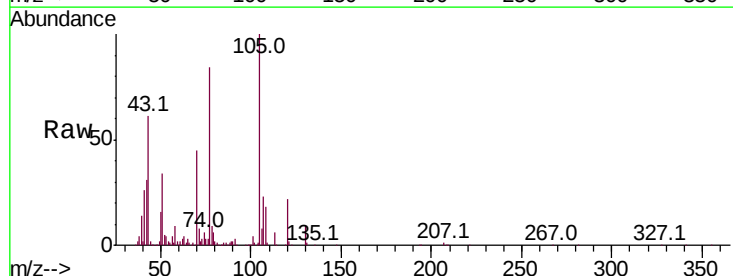
Instrument :
BNA_F
ClientSampleId :
IDOC-03

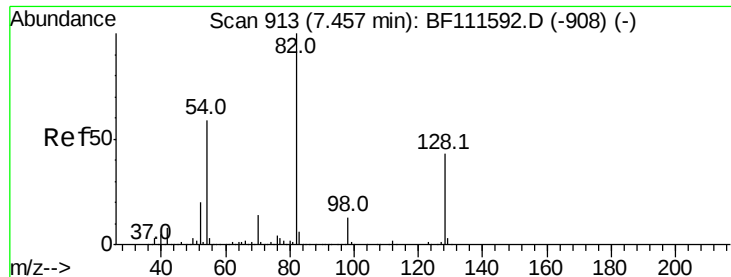
Tot Ion:	136	Resp:	537263
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.6	7.7	11.5
68	5.2	4.9	7.3



#22
Acetophenone
Concen: 27.377 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:	105	Resp:	372625
Ion	Ratio	Lower	Upper
105	100		
71	7.5	3.1	4.7#
51	34.1	36.6	54.8#
120	22.3	18.2	27.4





#23

Nitrobenzene-d5

Concen: 64.714 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampled :

IDOC-03

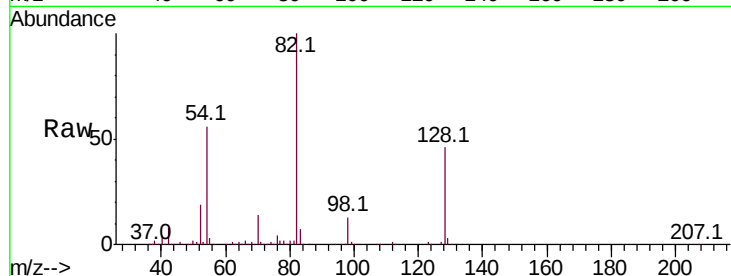
Tot Ion: 82 Resp: 597315

Ion Ratio Lower Upper

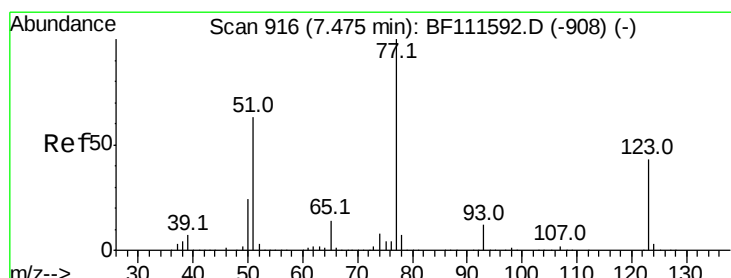
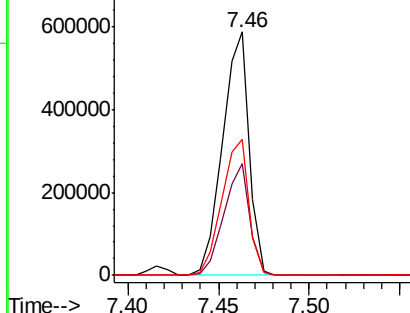
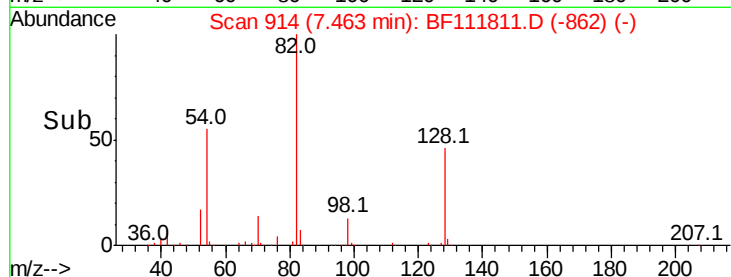
82 100

128 45.9 37.4 56.2

54 55.8 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 29.224 ng

RT: 7.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

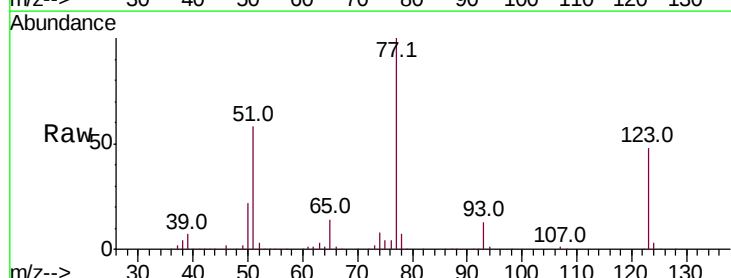
Tgt Ion: 77 Resp: 282710

Ion Ratio Lower Upper

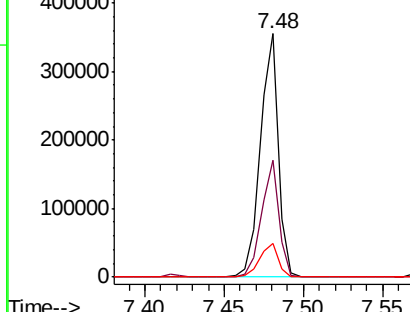
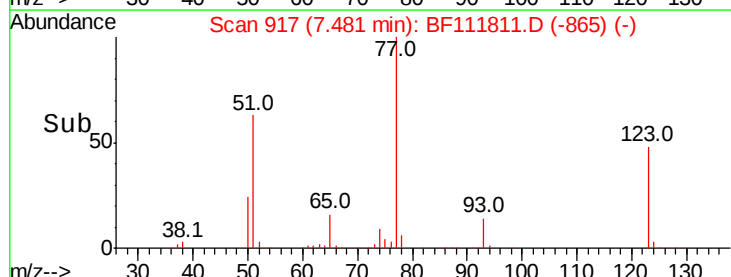
77 100

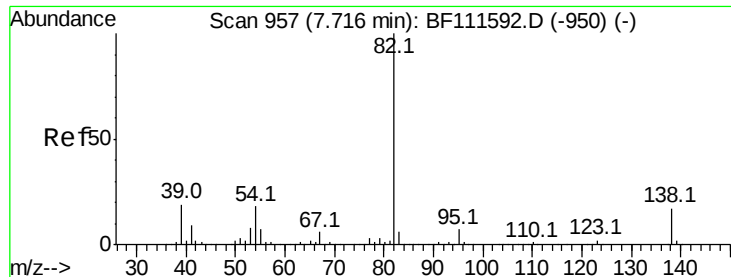
123 48.2 37.2 55.8

65 13.9 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 31.027 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

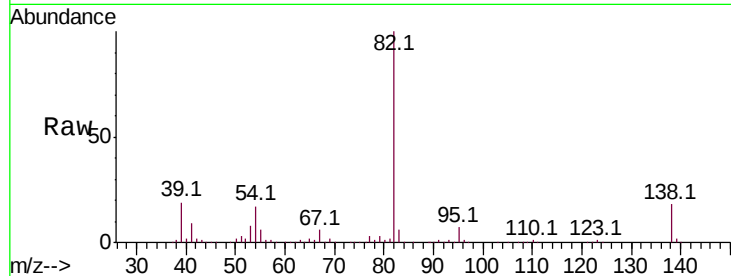
Tot Ion: 82 Resp: 508408

Ion Ratio Lower Upper

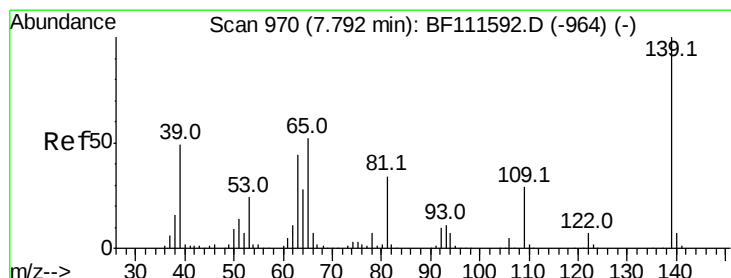
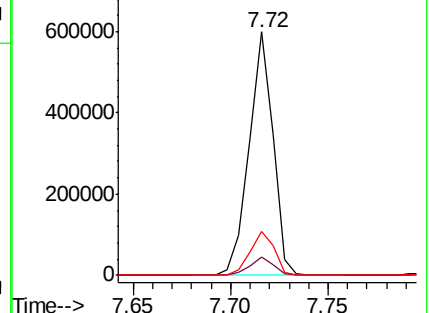
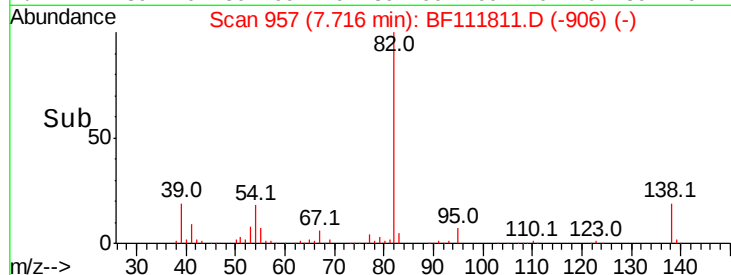
82 100

95 7.4 5.4 8.2

138 18.1 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 34.265 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

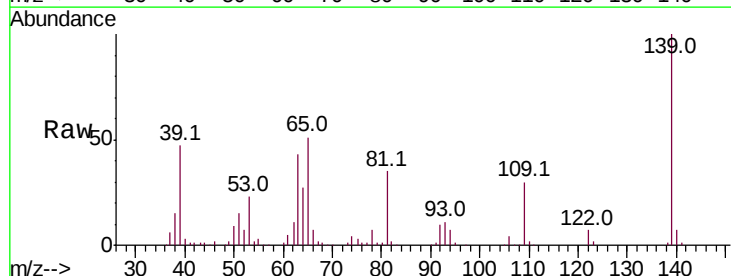
Tgt Ion:139 Resp: 134435

Ion Ratio Lower Upper

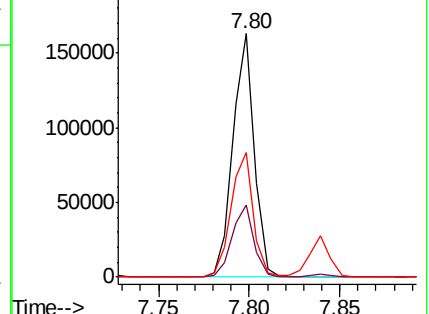
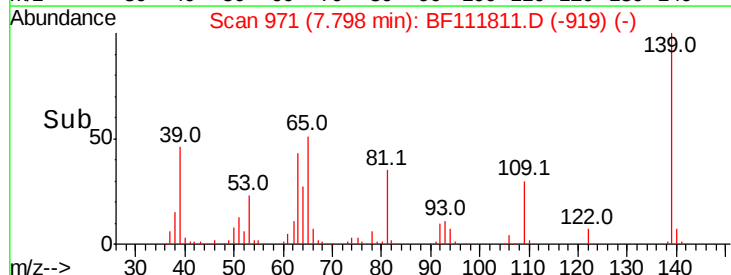
139 100

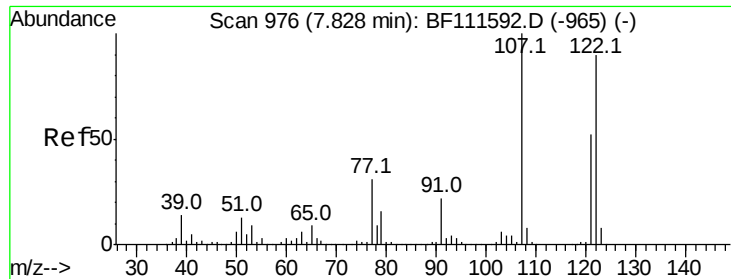
109 29.6 20.2 30.4

65 51.3 40.7 61.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

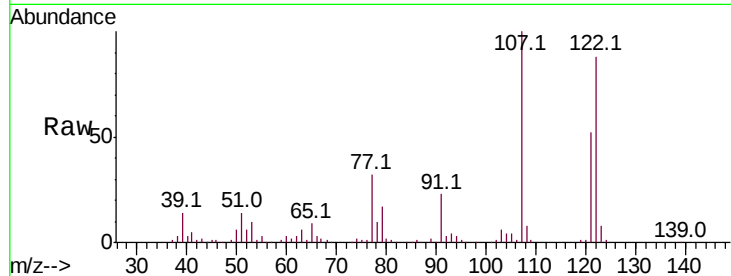




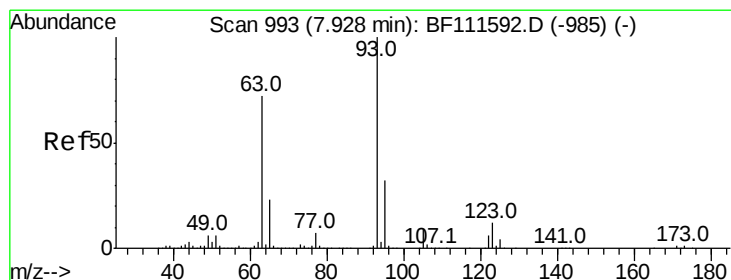
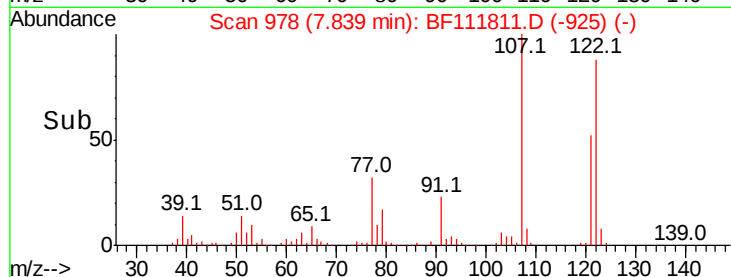
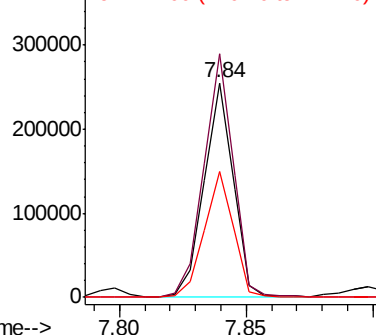
#27
2,4-Dimethylphenol
Concen: 26.414 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tot Ion:122 Resp: 204291
Ion Ratio Lower Upper
122 100
107 113.7 85.5 128.3
121 58.9 46.6 70.0

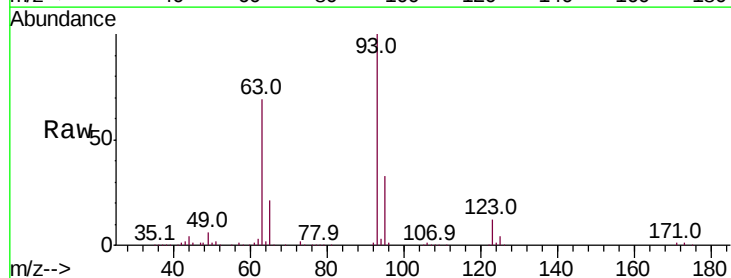


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

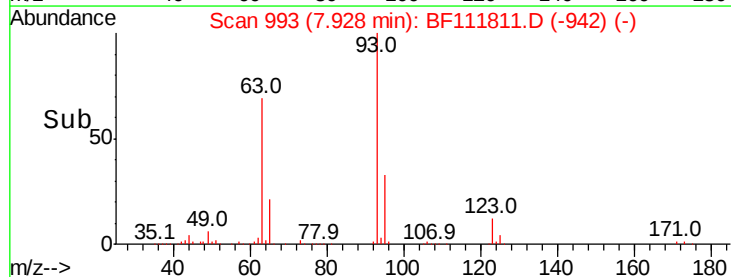
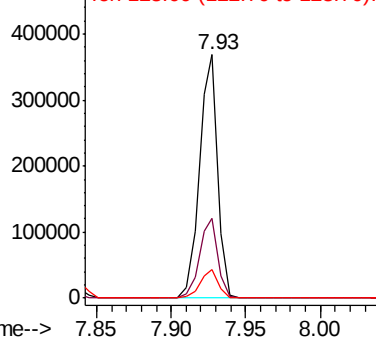


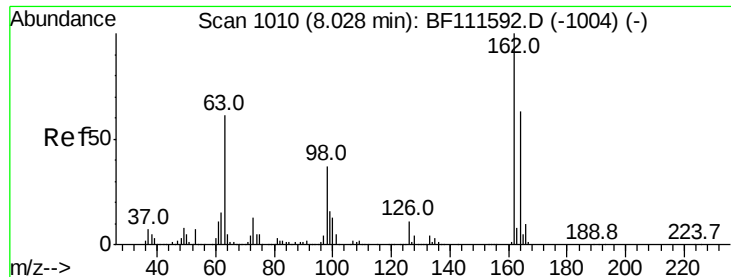
#28
bis(2-Chloroethoxy)methane
Concen: 29.185 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion: 93 Resp: 318229
Ion Ratio Lower Upper
93 100
95 32.7 27.1 40.7
123 11.9 9.9 14.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

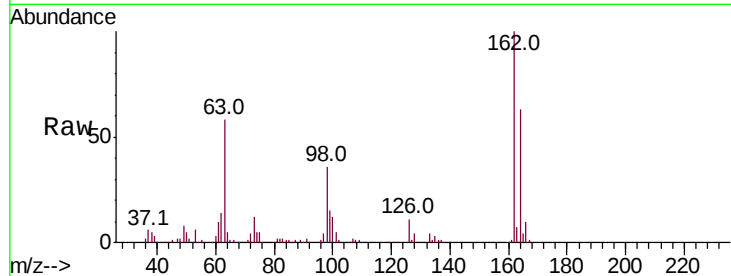




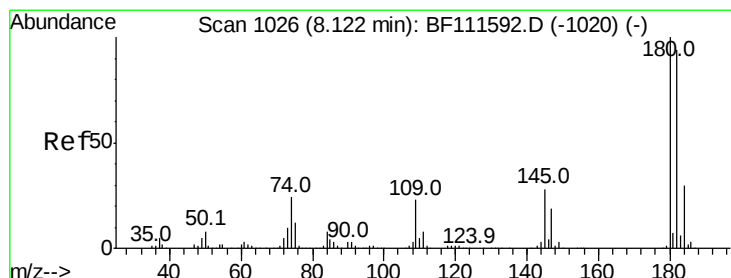
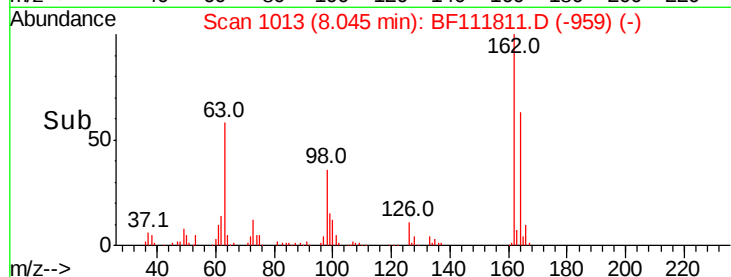
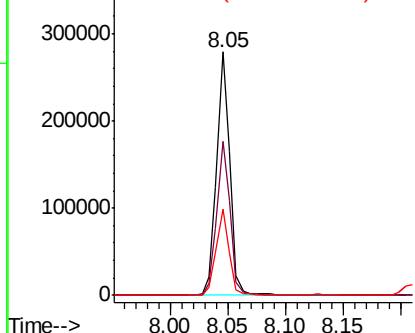
#29
2,4-Dichlorophenol
Concen: 26.824 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.02 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	35.6	20.3	60.3

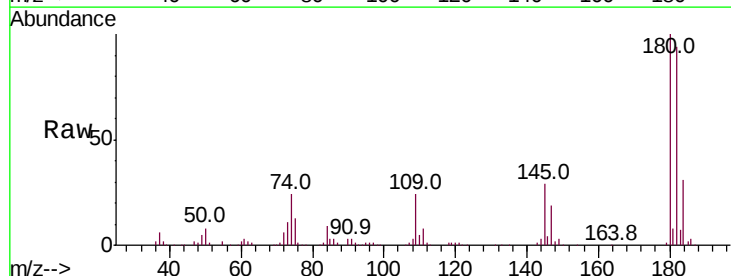


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

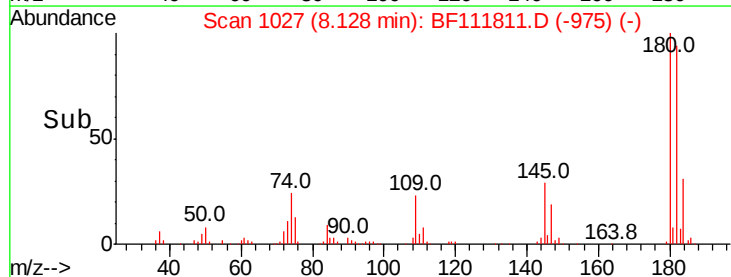
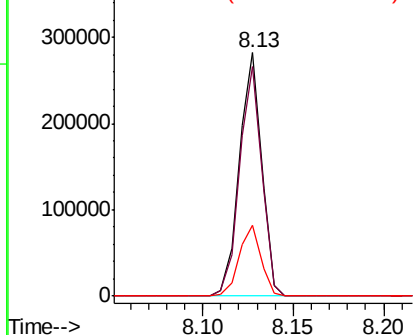


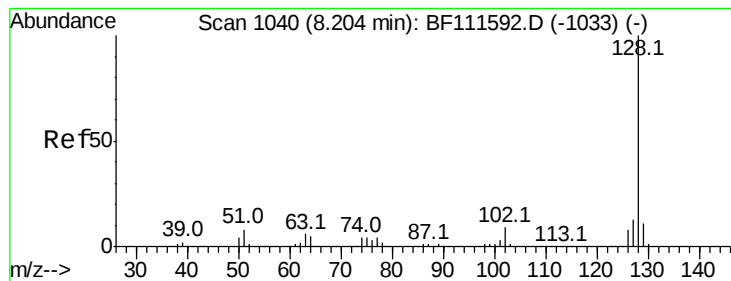
#30
1,2,4-Trichlorobenzene
Concen: 25.848 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.6	113.4
145	28.9	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 28.870 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

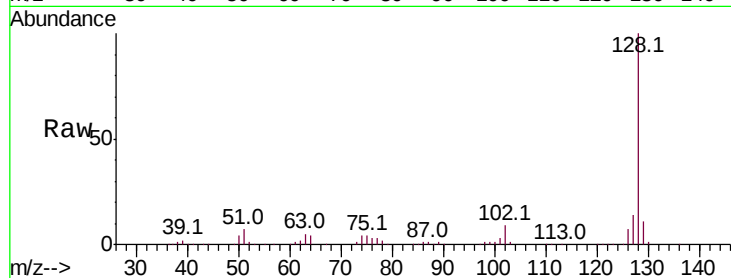
Tot Ion:128 Resp: 745270

Ion Ratio Lower Upper

128 100

129 10.5 9.8 14.8

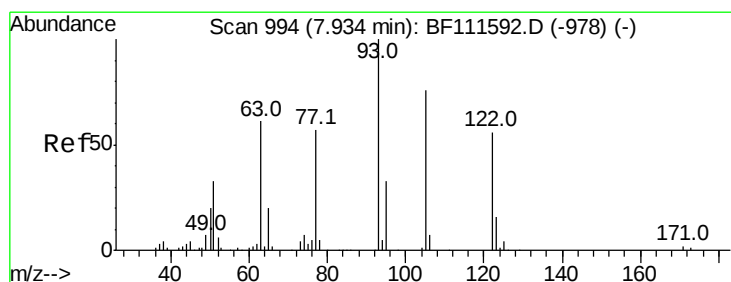
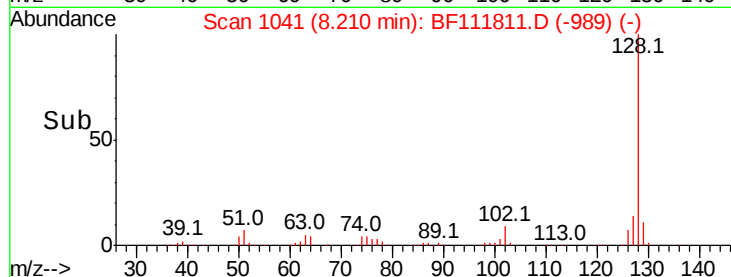
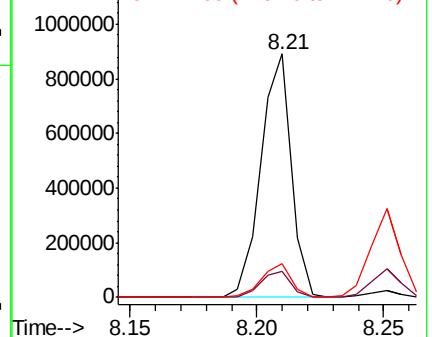
127 13.6 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.933 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.04 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

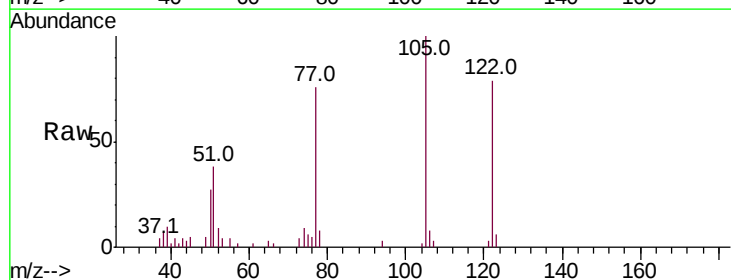
Tgt Ion:122 Resp: 15001

Ion Ratio Lower Upper

122 100

105 127.4 97.0 137.0

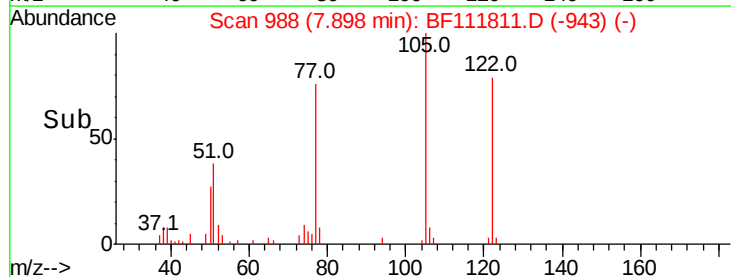
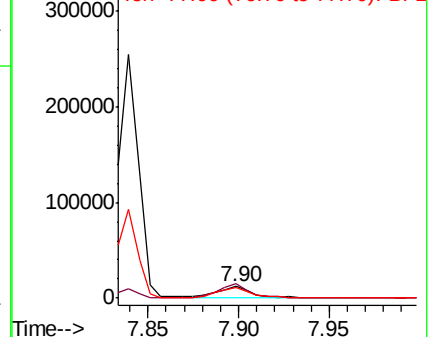
77 96.4 65.7 105.7

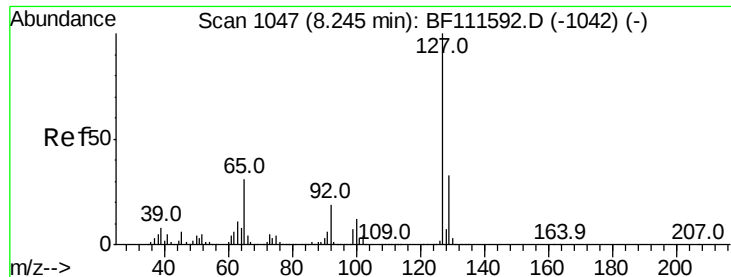


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

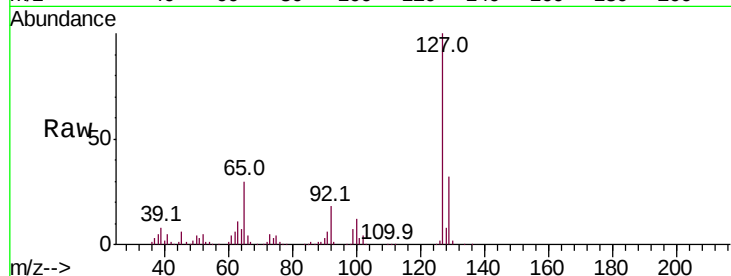




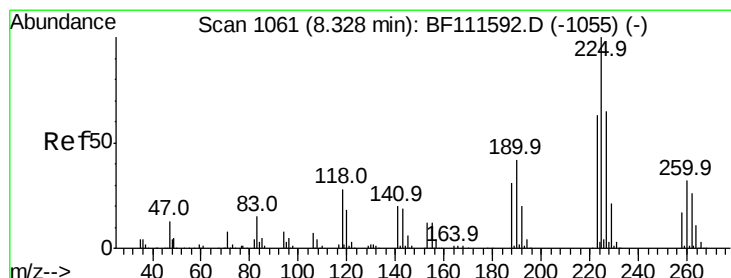
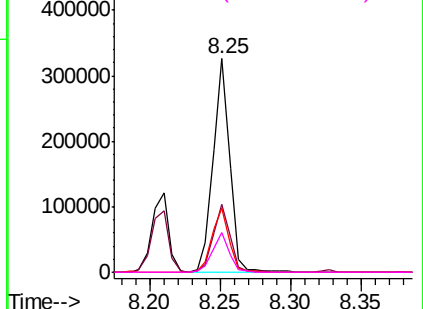
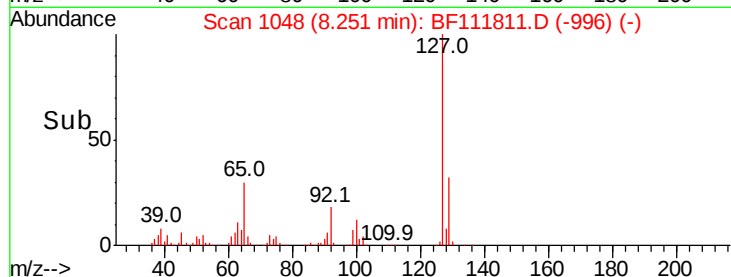
#33
4-Chloroaniline
Concen: 24.053 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tot Ion:	127	Resp:	268374
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	39.8
65	30.2	25.7	38.5
92	18.5	15.4	23.2

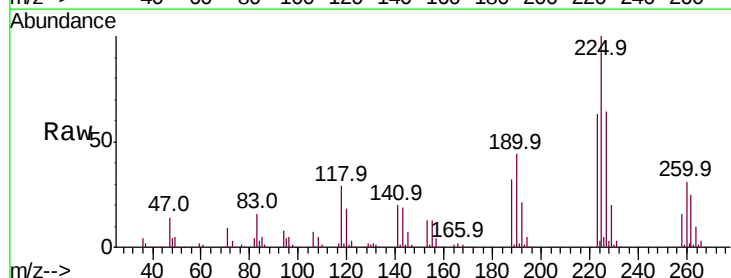


Abundance Ion 127.00 (126.70 to 127.70): E
500000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

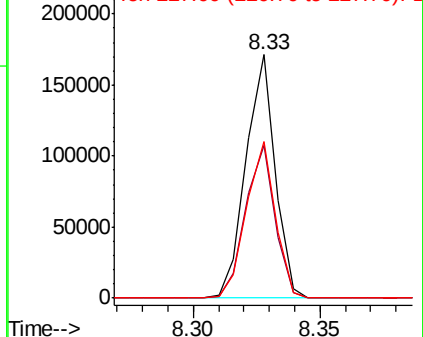
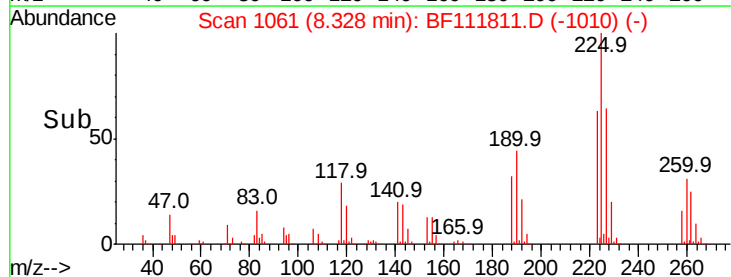


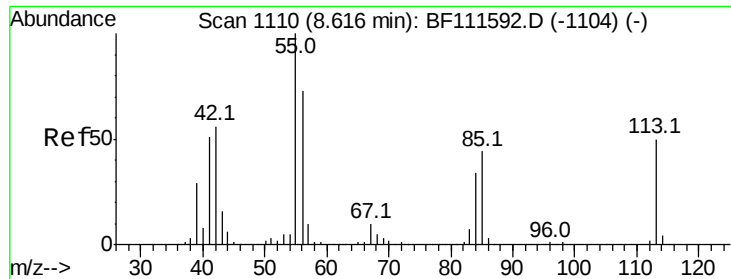
#34
Hexachlorobutadiene
Concen: 24.406 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:	225	Resp:	137888
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.7	76.1
227	64.3	52.6	78.8



Abundance Ion 225.00 (224.70 to 225.70): E
200000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

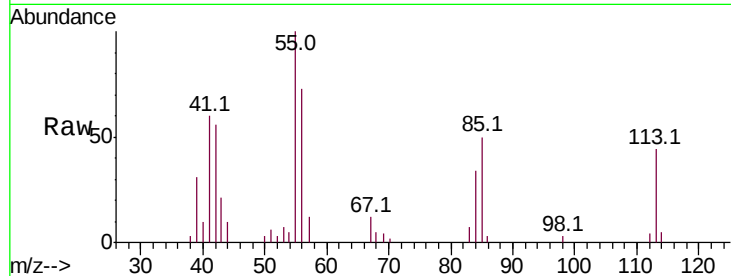




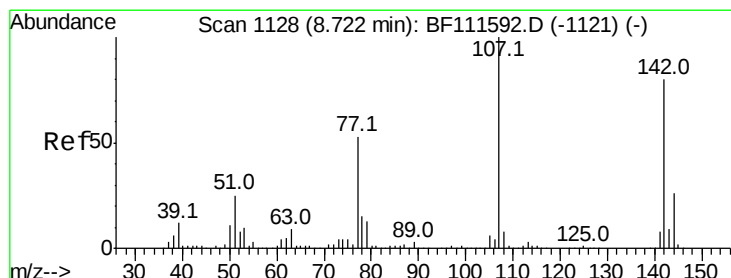
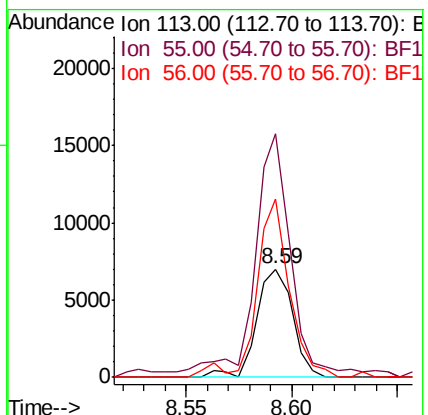
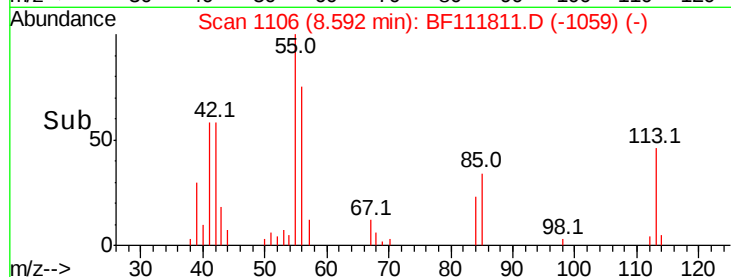
#35
 Caprolactam
 Concen: 2.937 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03

Tot Ion:113 Resp: 8280
 Ion Ratio Lower Upper
 113 100
 55 225.6 184.1 224.1#
 56 165.5 126.0 166.0

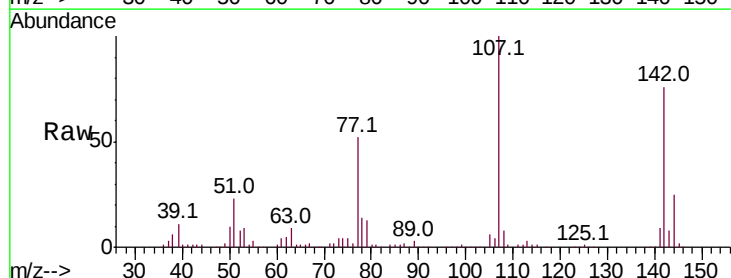


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

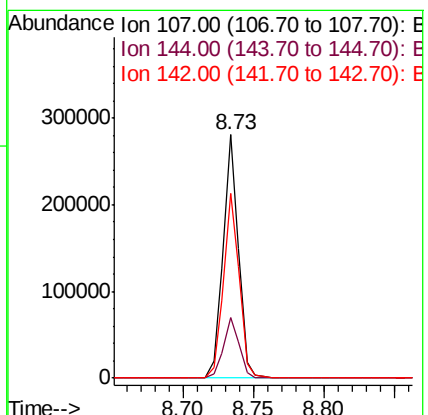
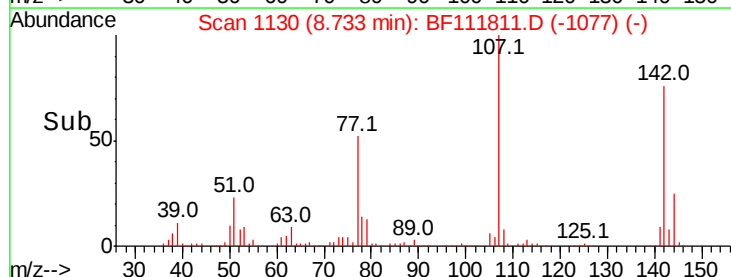


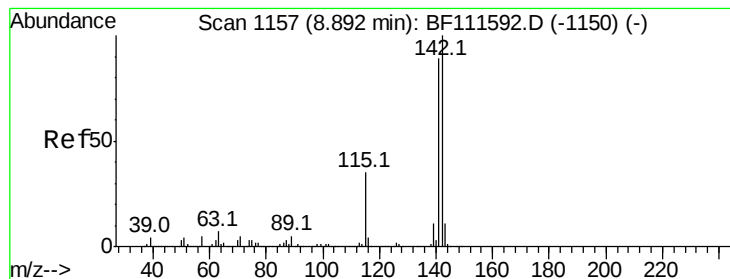
#36
 4-Chloro-3-methylphenol
 Concen: 26.095 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Tgt Ion:107 Resp: 213392
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.8 29.6
 142 75.7 62.3 93.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 31.708 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

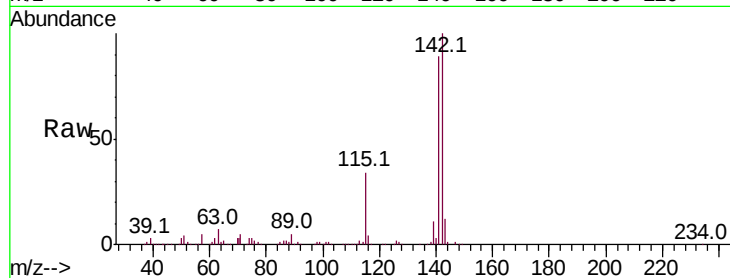
Tot Ion:142 Resp: 532541

Ion Ratio Lower Upper

142 100

141 88.6 70.6 105.8

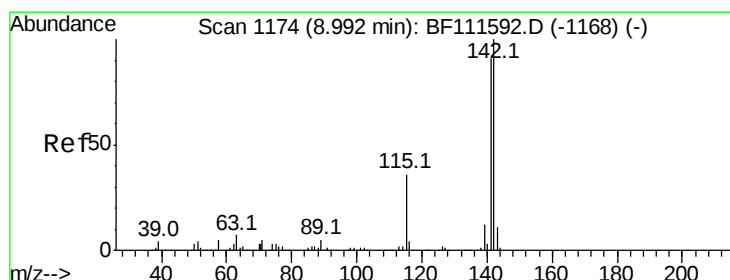
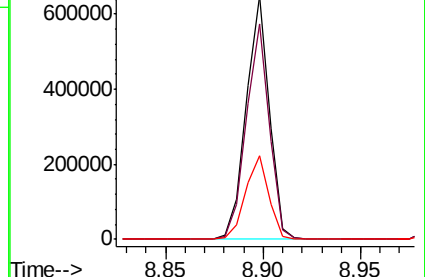
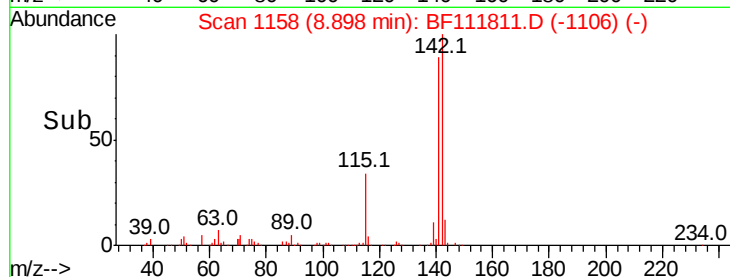
115 34.3 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 31.317 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

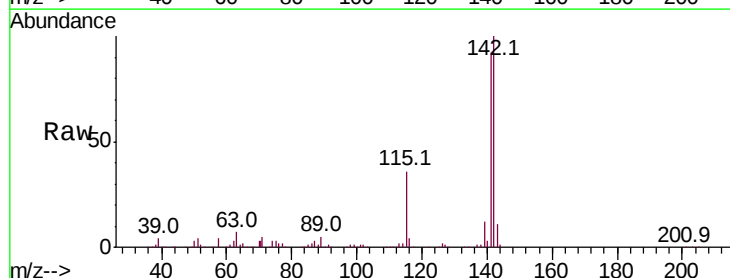
Tgt Ion:142 Resp: 505158

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.4

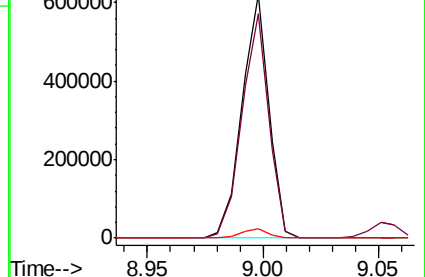
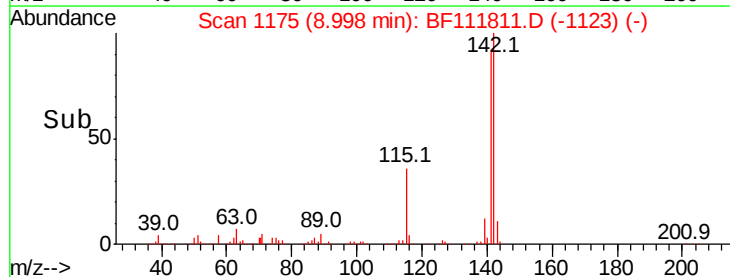
116 3.9 2.9 4.3

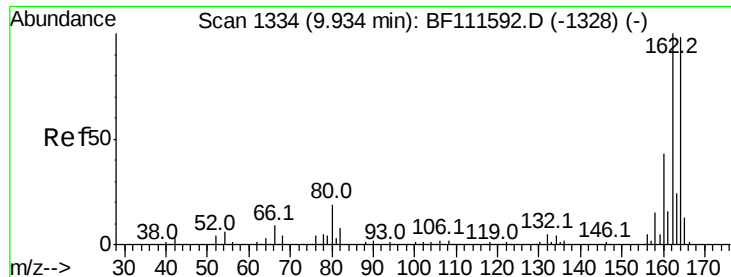


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

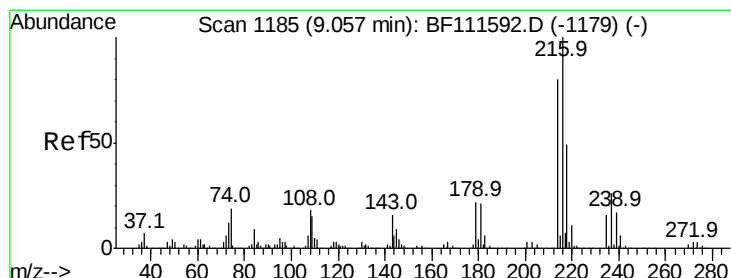
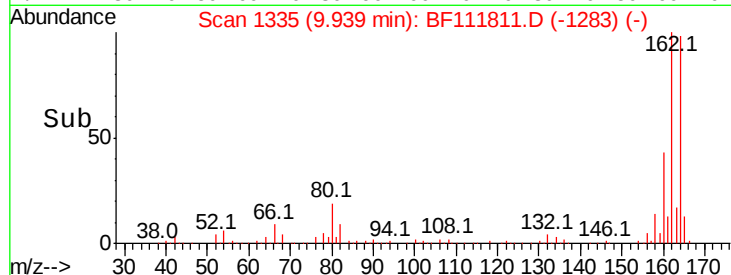
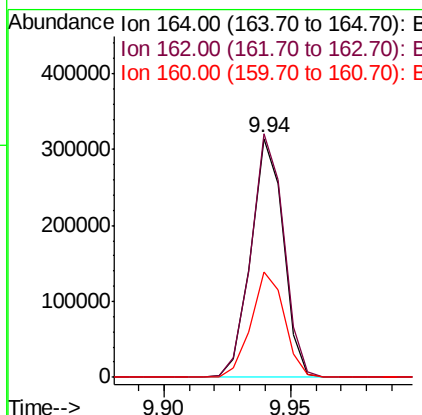
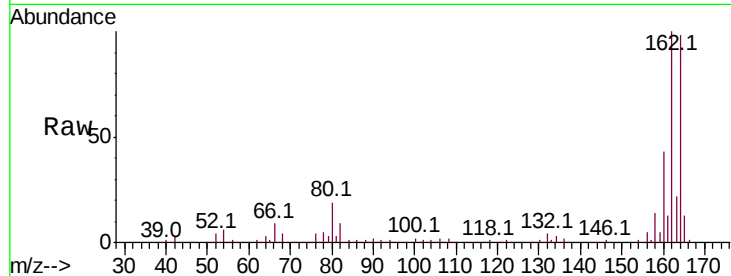




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

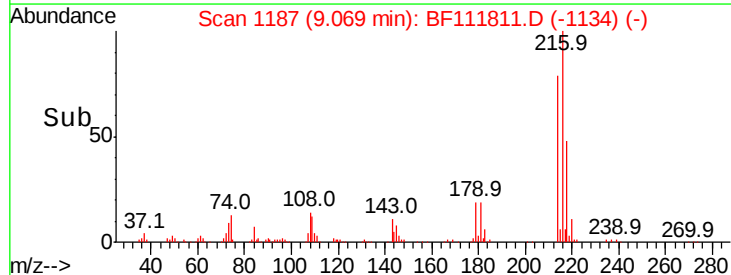
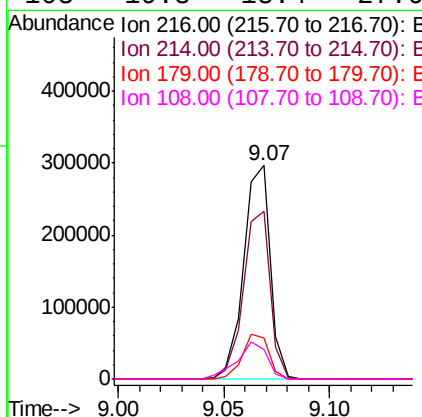
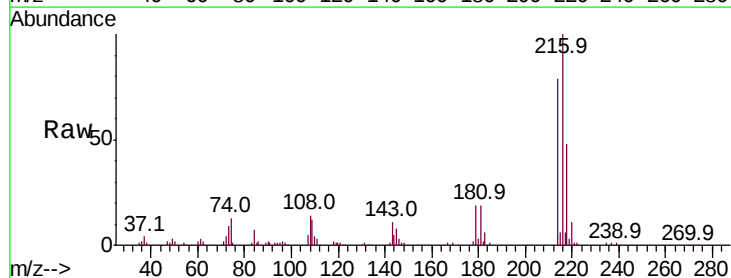
Instrument :
BNA_F
ClientSampleId :
IDOC-03

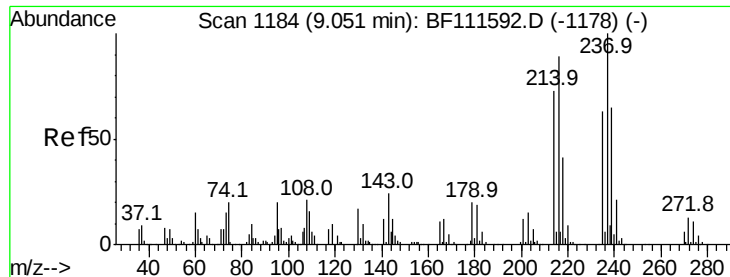
Tot Ion:164 Resp: 280448
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 44.1 35.7 53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 28.124 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:216 Resp: 259172
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.8
179 20.9 17.9 26.9
108 19.8 18.4 27.6





#41

Hexachlorocyclopentadiene

Concen: 69.831 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

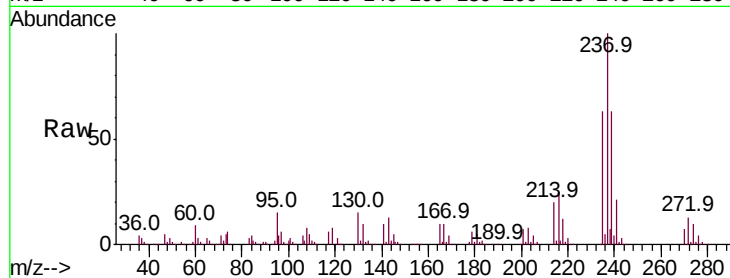
Tot Ion:237 Resp: 312281

Ion Ratio Lower Upper

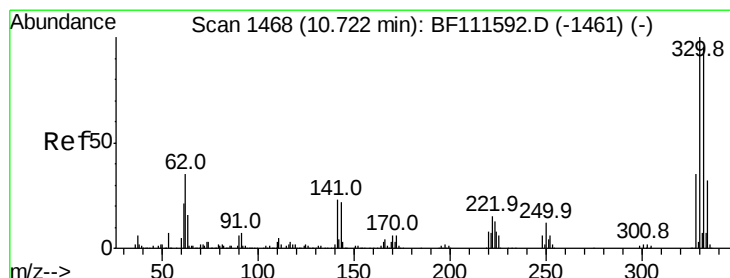
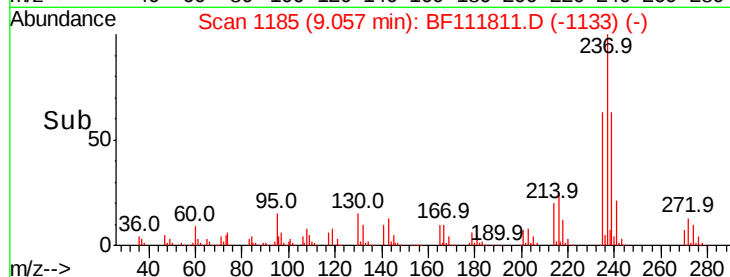
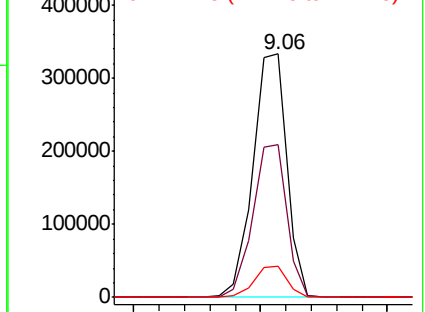
237 100

235 62.6 43.1 83.1

272 12.6 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 95.182 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

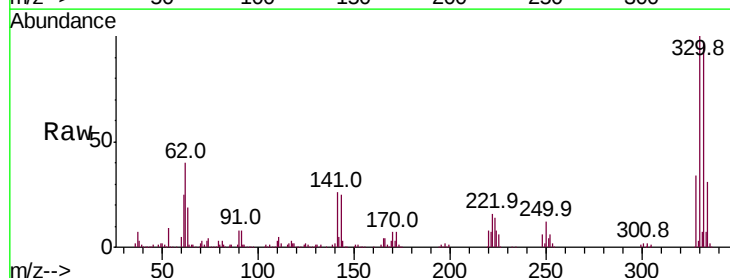
Tgt Ion:330 Resp: 315407

Ion Ratio Lower Upper

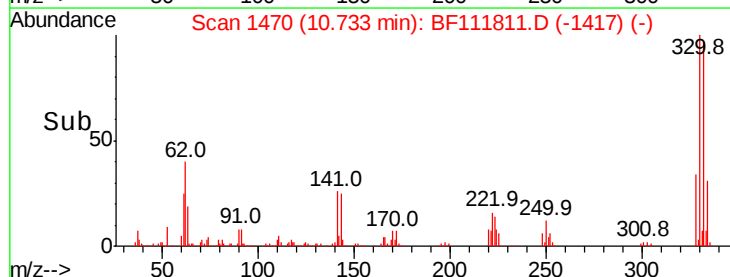
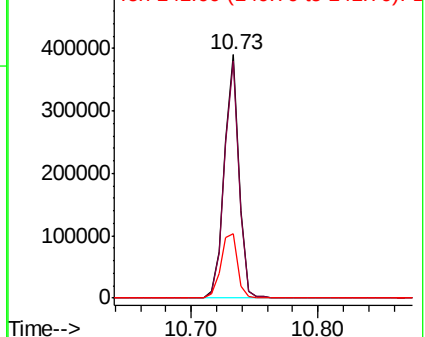
330 100

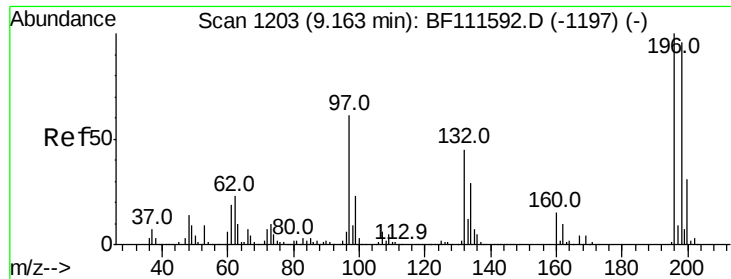
332 97.4 76.0 114.0

141 30.4 31.0 46.6#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

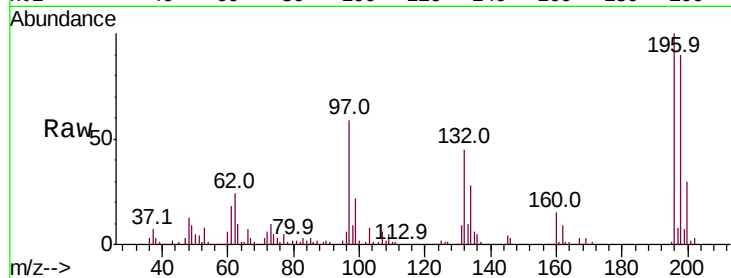




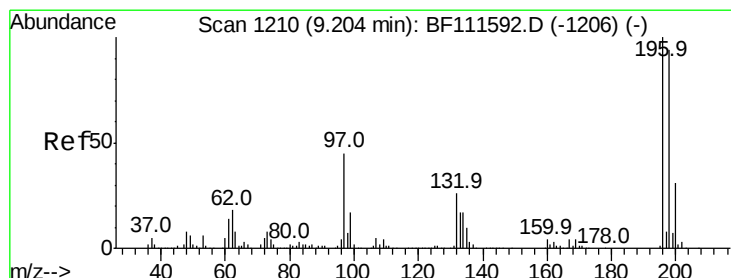
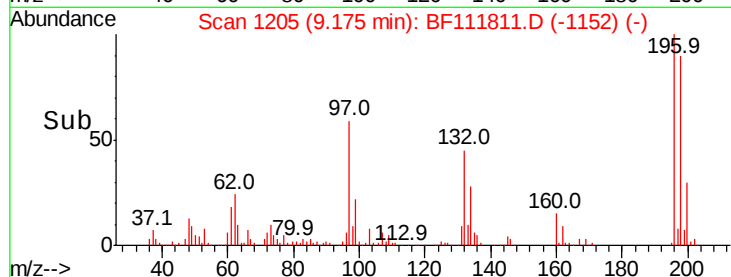
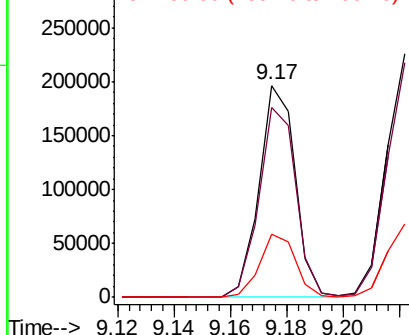
#43
 2,4,6-Trichlorophenol
 Concen: 28.394 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03

Tot Ion:196 Resp: 174701
 Ion Ratio Lower Upper
 196 100
 198 89.7 76.3 114.5
 200 29.7 24.9 37.3

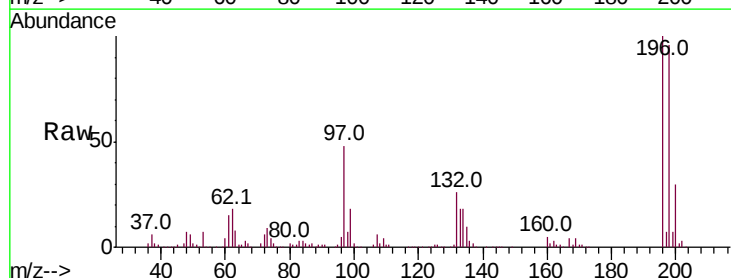


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

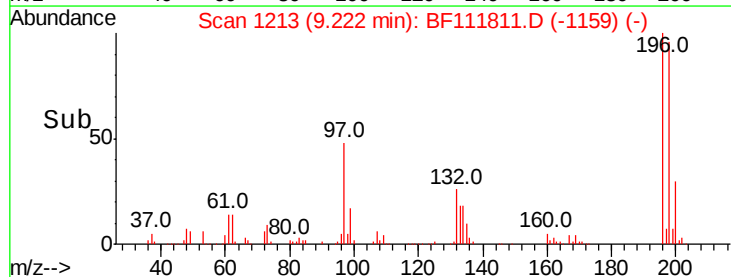
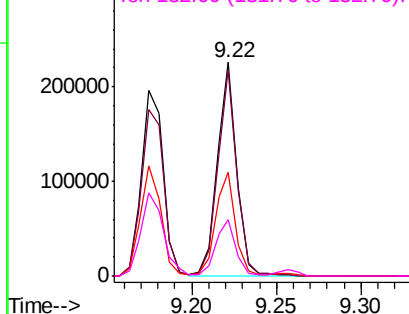


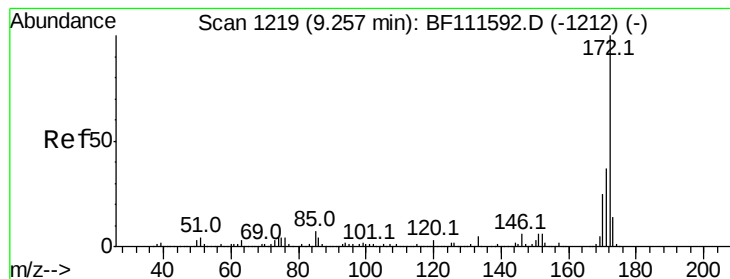
#44
 2,4,5-Trichlorophenol
 Concen: 28.953 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Tgt Ion:196 Resp: 182750
 Ion Ratio Lower Upper
 196 100
 198 96.2 72.9 109.3
 97 48.4 45.3 67.9
 132 26.2 25.5 38.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 62.222 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

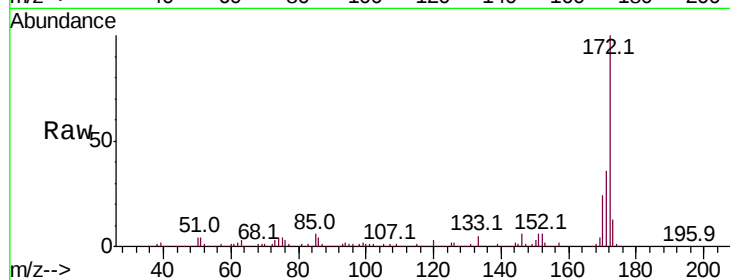
Tot Ion:172 Resp: 1197200

Ion Ratio Lower Upper

172 100

171 36.0 33.0 49.4

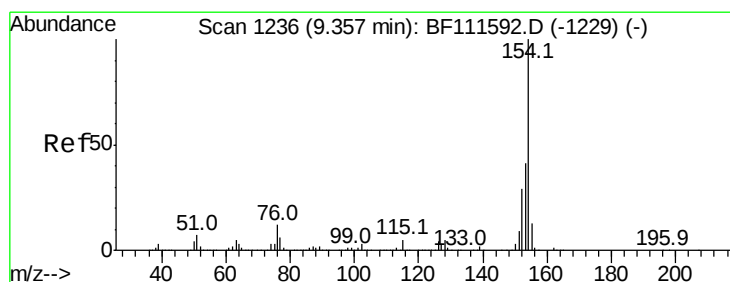
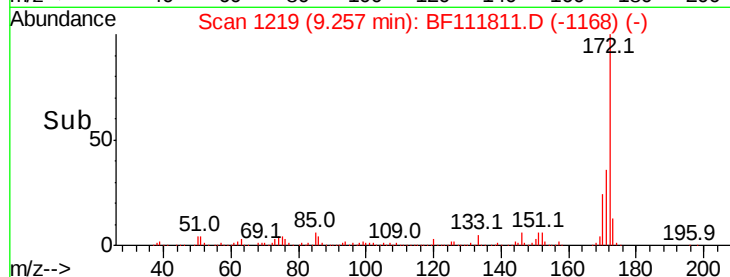
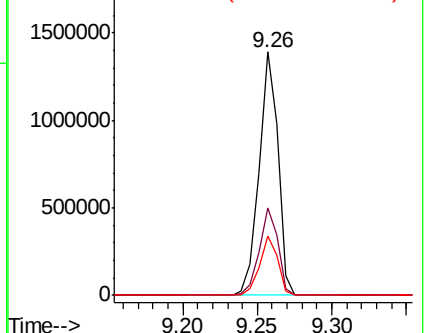
170 24.2 22.3 33.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 28.802 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

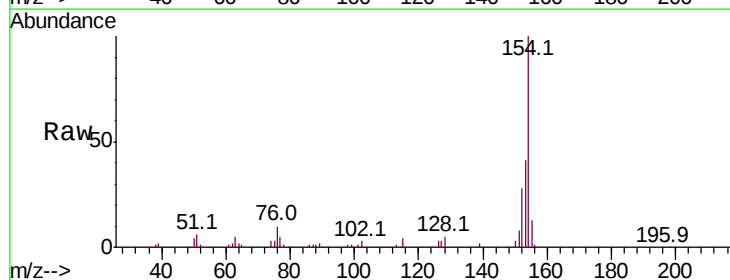
Tgt Ion:154 Resp: 681855

Ion Ratio Lower Upper

154 100

153 40.5 23.7 63.7

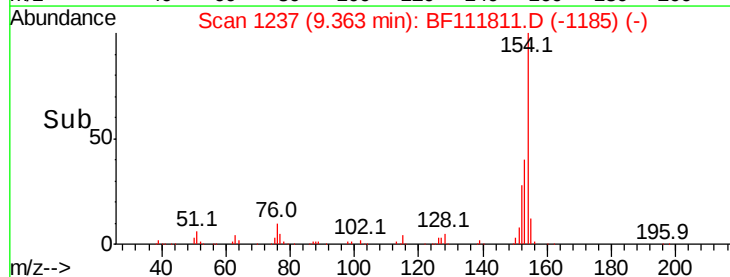
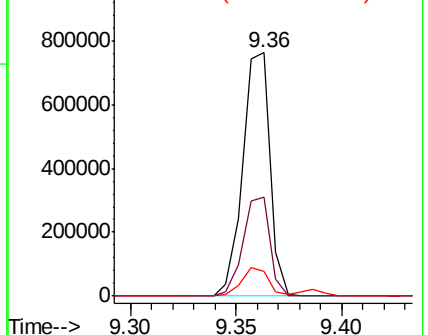
76 10.3 0.0 35.0

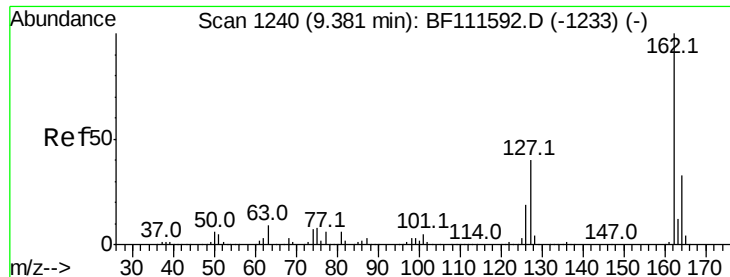


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

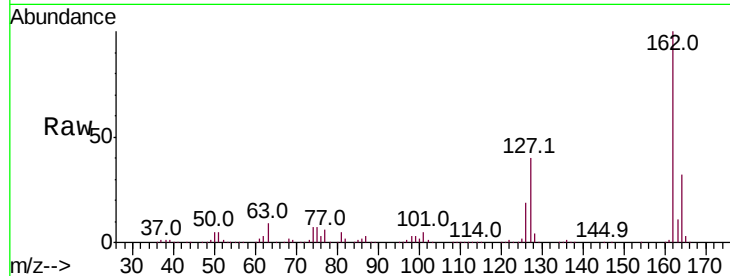




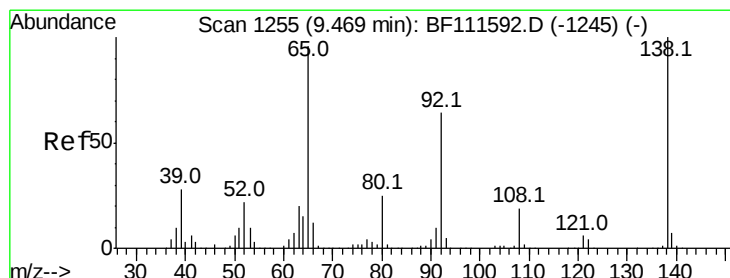
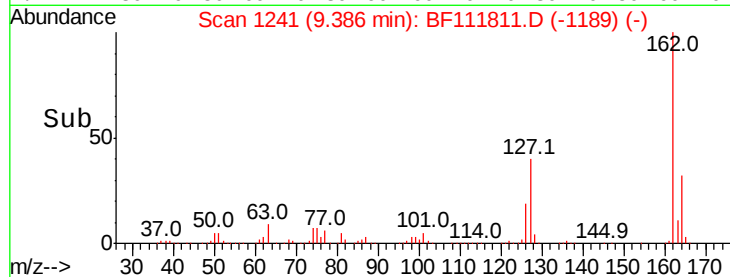
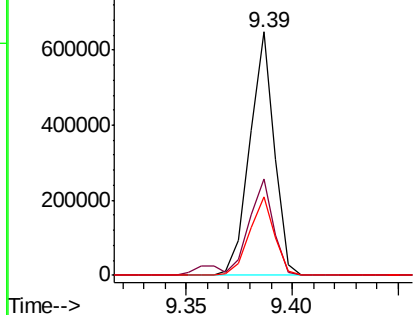
#47
2-Chloronaphthalene
Concen: 27.881 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tot Ion:162 Resp: 522958
Ion Ratio Lower Upper
162 100
127 39.5 35.0 52.4
164 32.0 28.4 42.6

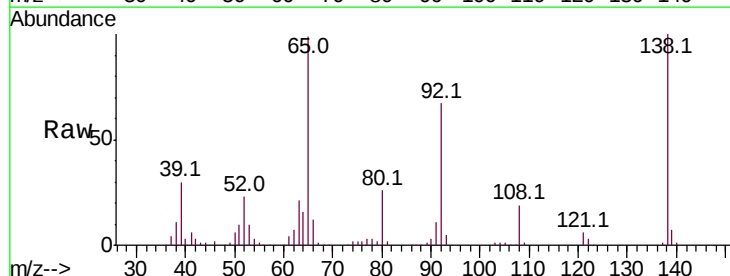


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

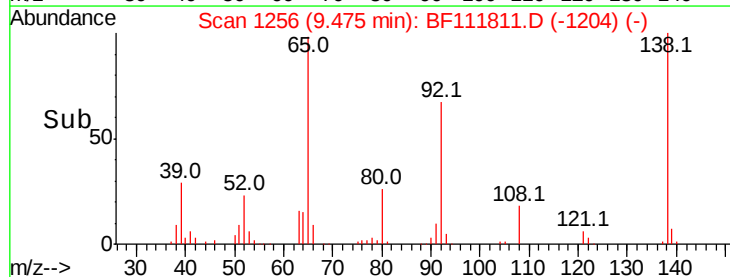
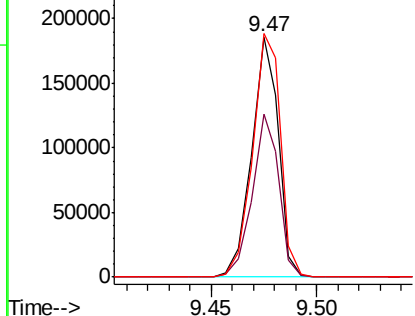


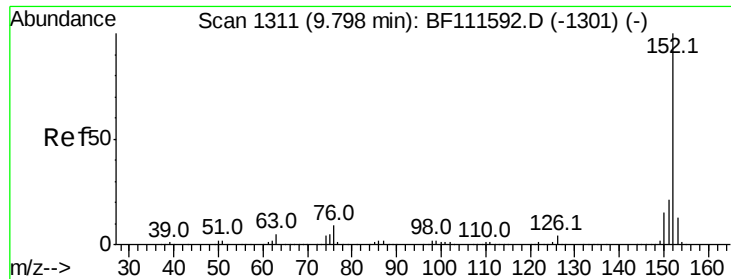
#48
2-Nitroaniline
Concen: 33.593 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion: 65 Resp: 163919
Ion Ratio Lower Upper
65 100
92 67.6 53.5 80.3
138 101.3 80.9 121.3



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 31.210 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

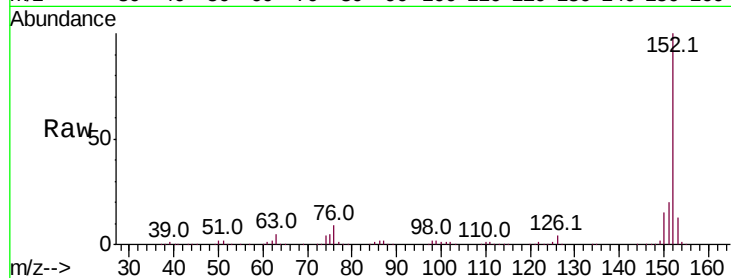
Tot Ion:152 Resp: 854705

Ion Ratio Lower Upper

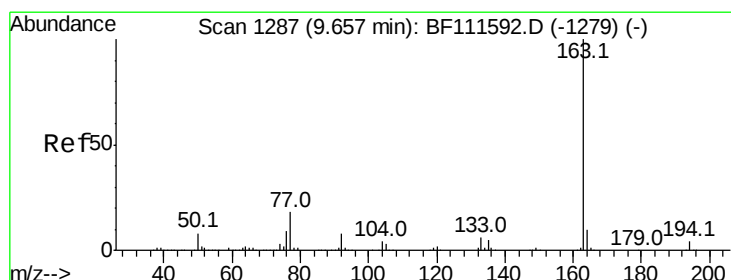
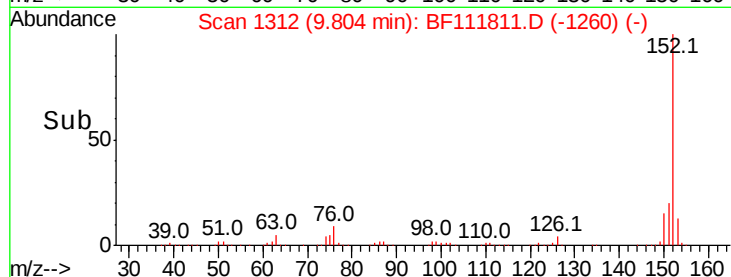
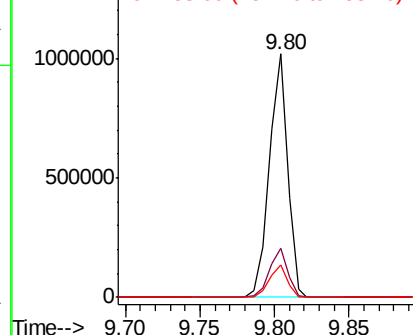
152 100

151 20.1 18.0 27.0

153 13.2 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 31.656 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

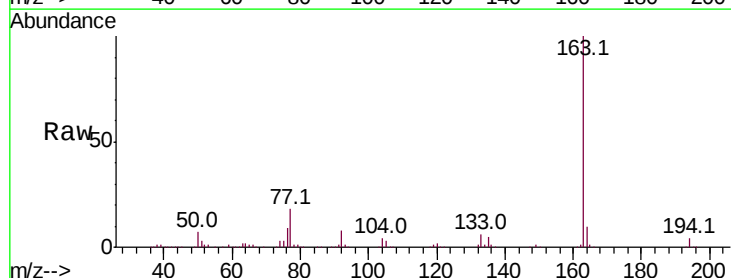
Tgt Ion:163 Resp: 649216

Ion Ratio Lower Upper

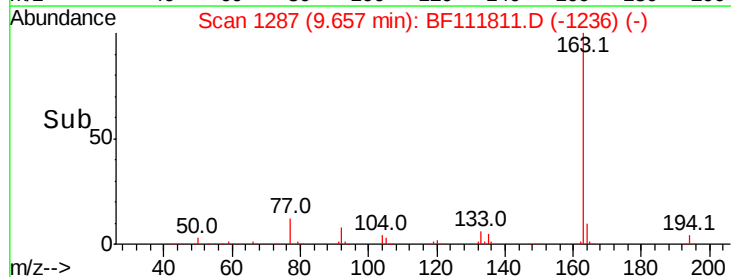
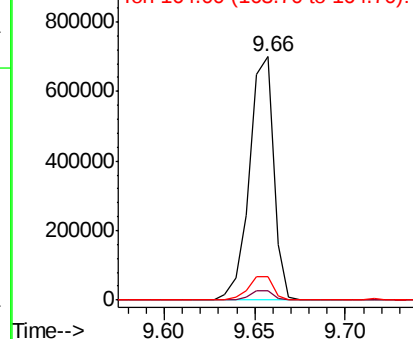
163 100

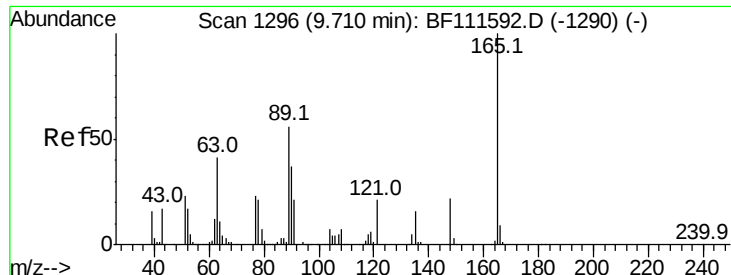
194 3.9 3.0 4.6

164 9.8 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

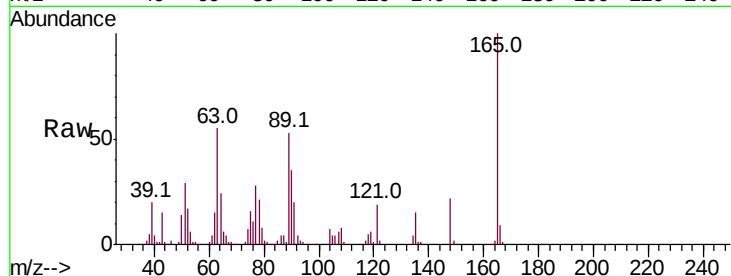




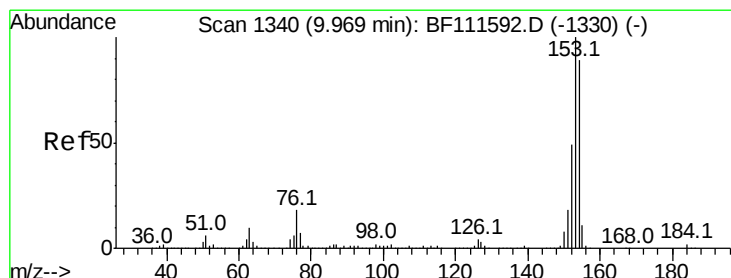
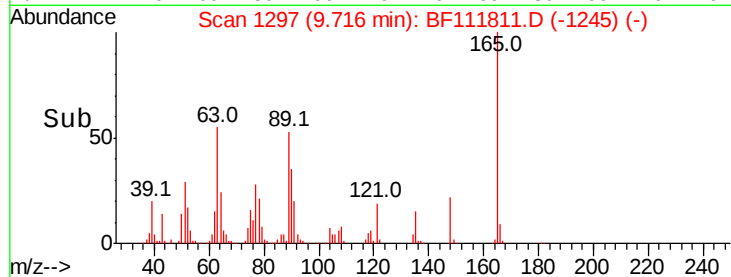
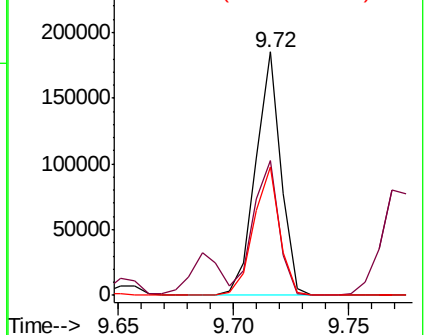
#51
2,6-Dinitrotoluene
Concen: 34.533 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampled :
IDOC-03

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.3	40.5	60.7
89	52.9	40.0	60.0

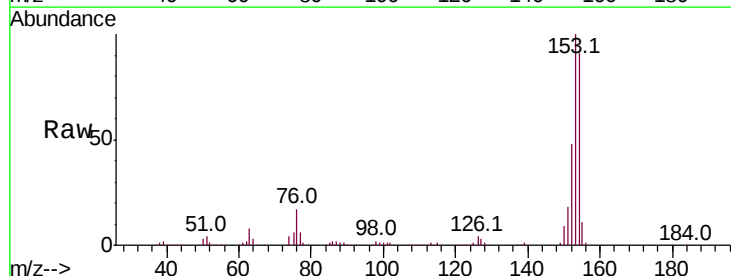


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

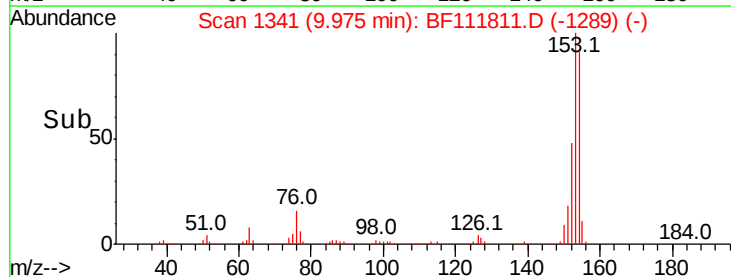
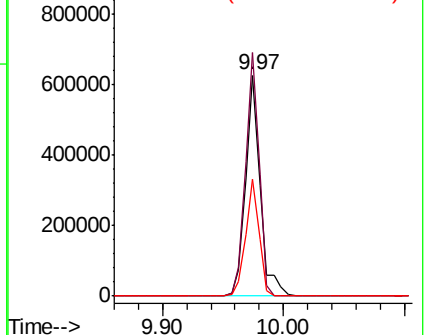


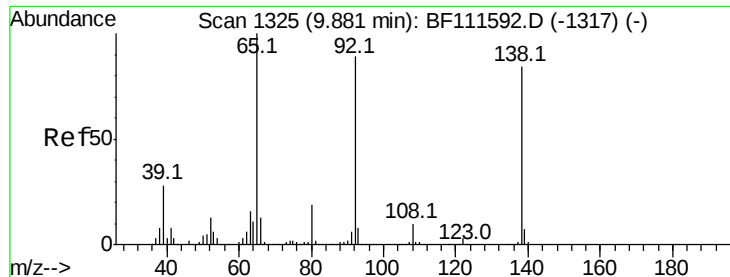
#52
Acenaphthene
Concen: 31.669 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.2	87.8	131.8
152	53.1	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

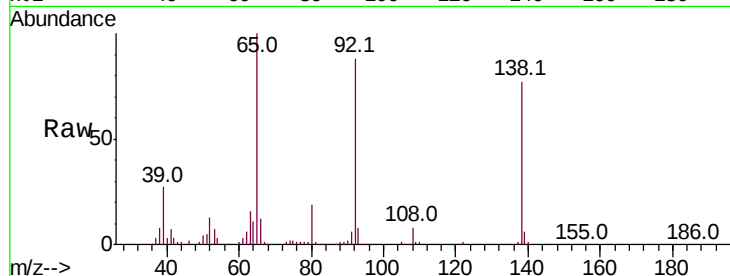




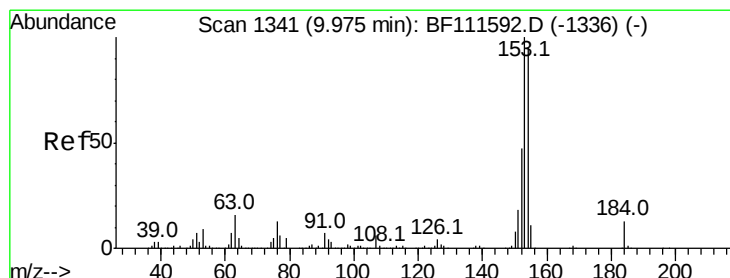
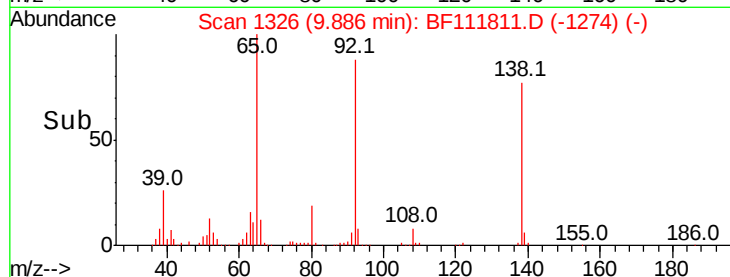
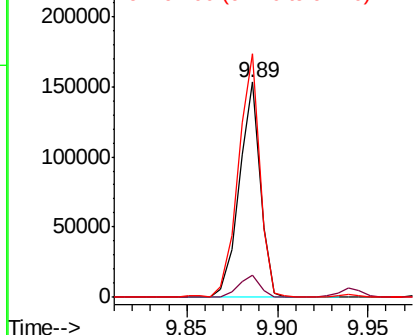
#53
3-Nitroaniline
Concen: 28.176 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tot Ion:138 Resp: 122884
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 113.3 93.4 140.2

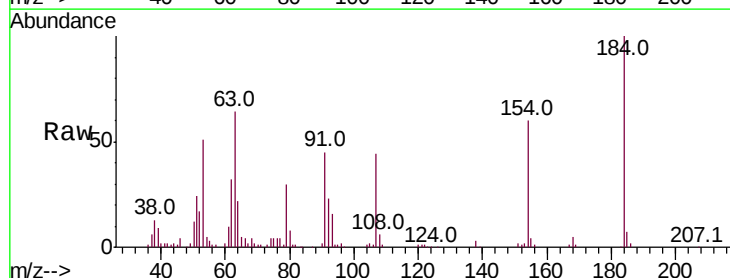


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

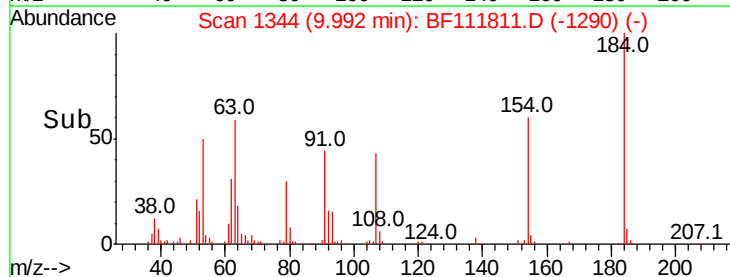
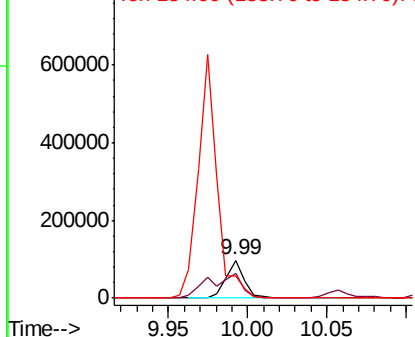


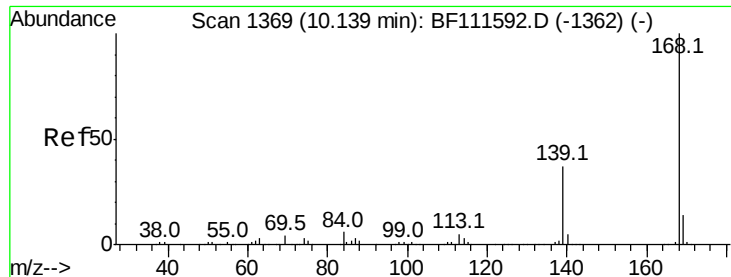
#54
2,4-Dinitrophenol
Concen: 61.366 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:184 Resp: 78076
Ion Ratio Lower Upper
184 100
63 64.1 62.3 93.5
154 60.3 56.2 84.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

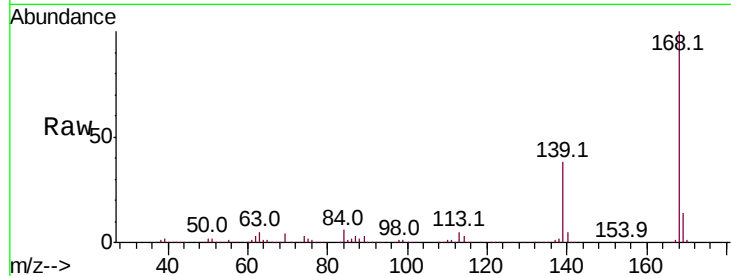




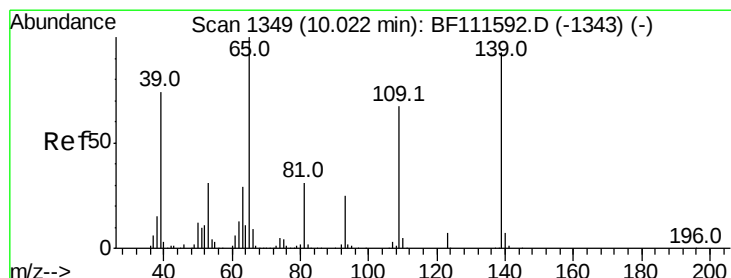
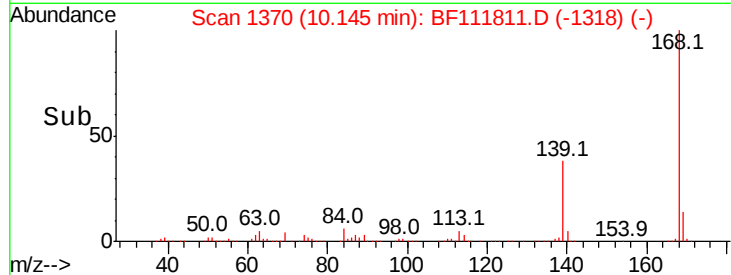
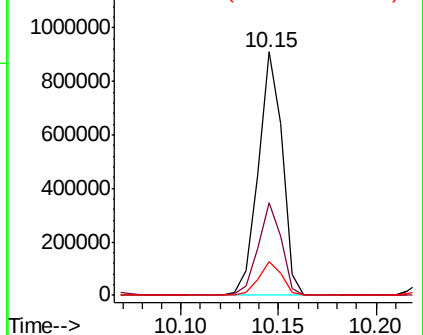
#55
Dibenzofuran
Concen: 30.257 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tot Ion:168 Resp: 772101
Ion Ratio Lower Upper
168 100
139 38.1 32.6 49.0
169 13.9 11.8 17.6

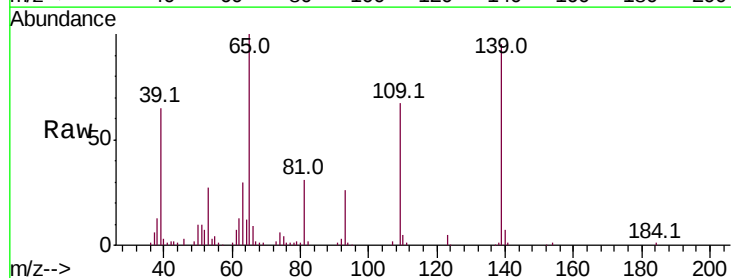


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

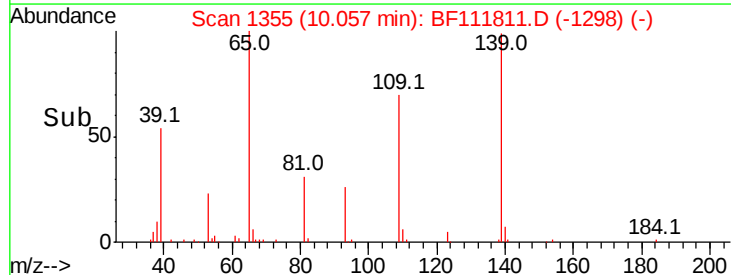
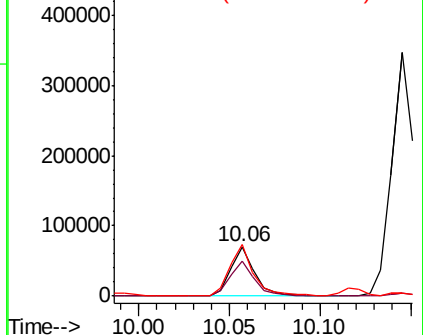


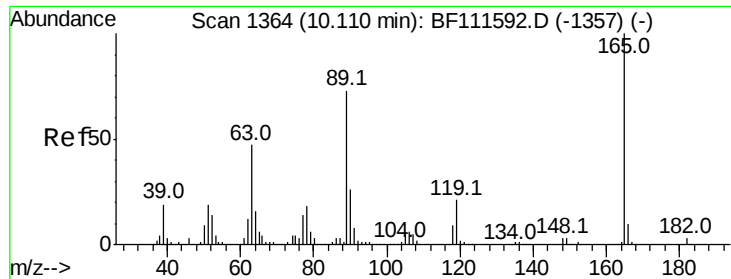
#56
4-Nitrophenol
Concen: 19.690 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.04 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:139 Resp: 65535
Ion Ratio Lower Upper
139 100
109 71.0 41.8 81.8
65 105.7 79.6 119.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

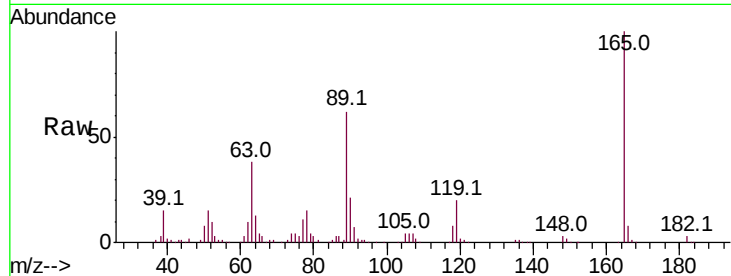




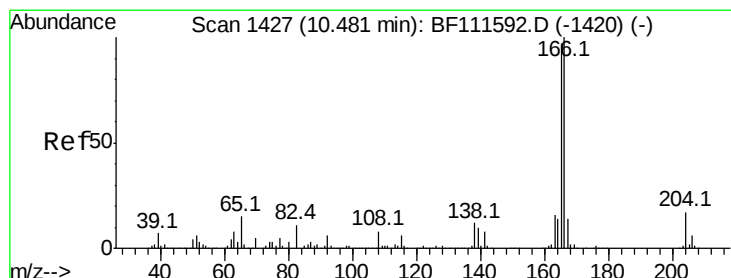
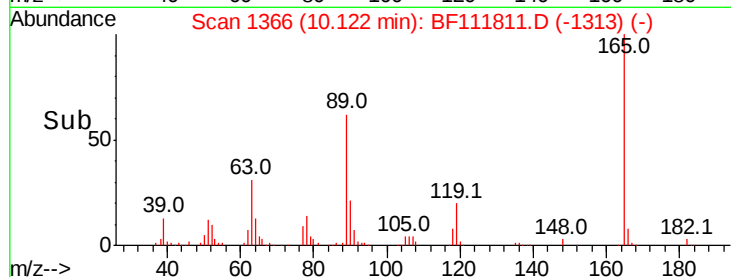
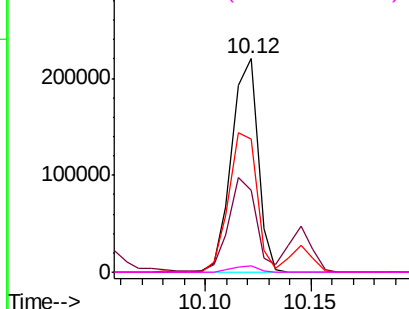
#57
2,4-Dinitrotoluene
Concen: 38.632 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tot Ion:165 Resp: 189871
Ion Ratio Lower Upper
165 100
63 38.4 34.6 52.0
89 62.3 56.2 84.4
182 2.8 1.8 2.6#

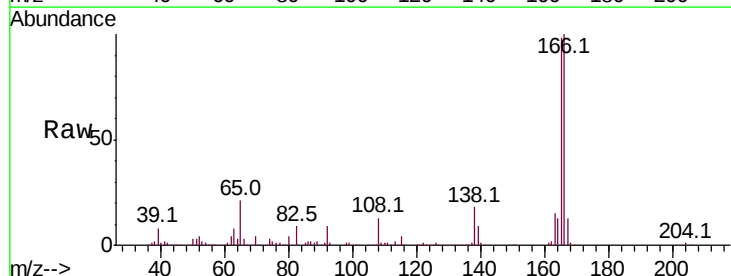


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

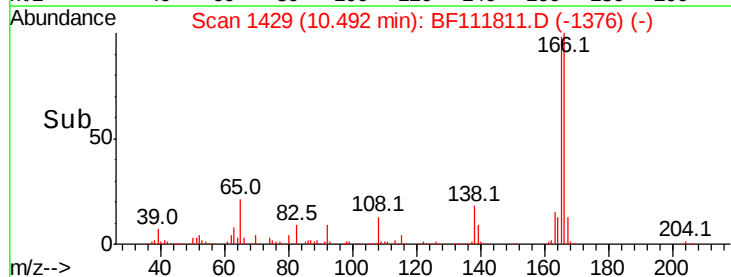
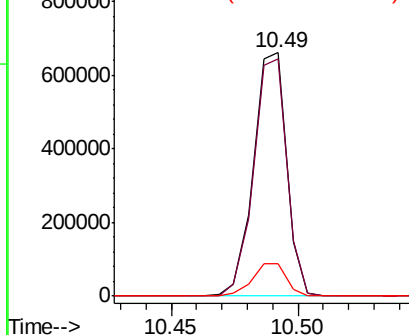


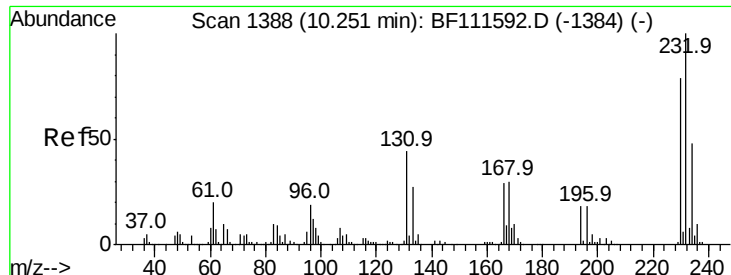
#58
Fluorene
Concen: 33.031 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:166 Resp: 607378
Ion Ratio Lower Upper
166 100
165 97.6 78.4 117.6
167 13.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

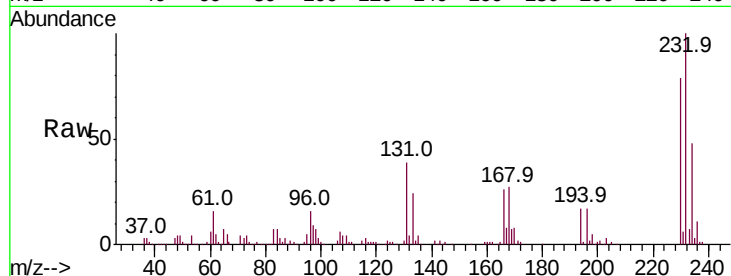




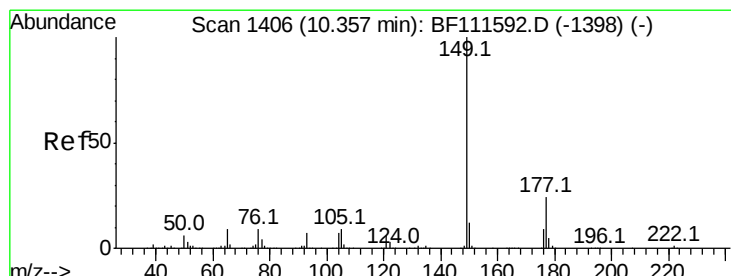
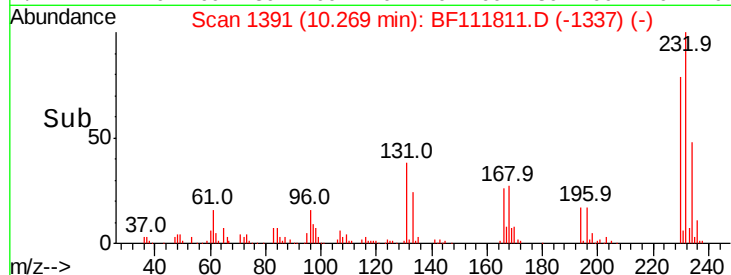
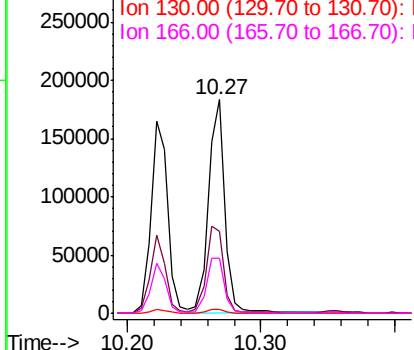
#59
2,3,4,6-Tetrachlorophenol
Concen: 29.708 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampled :
IDOC-03

Tot Ion:232 Resp: 157809
Ion Ratio Lower Upper
232 100
131 43.9 40.9 61.3
130 2.1 2.0 3.0
166 29.1 26.8 40.2

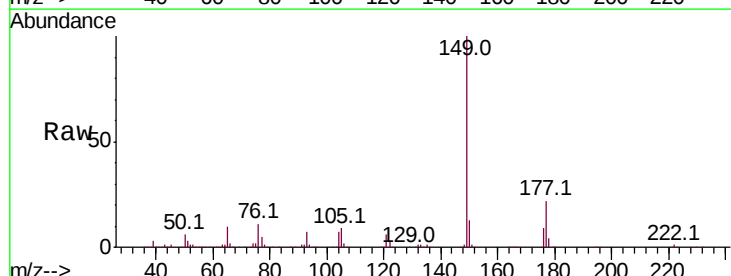


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

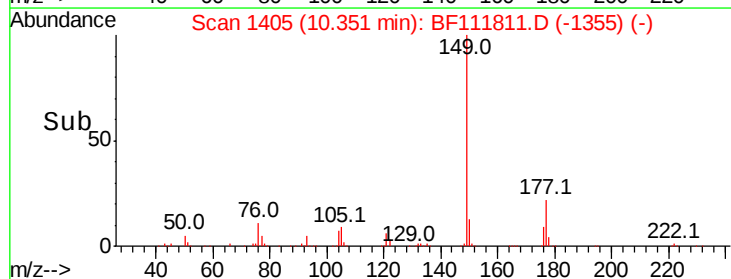
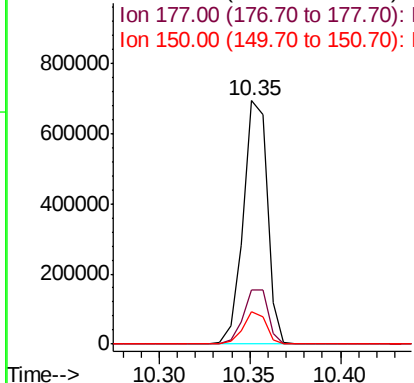


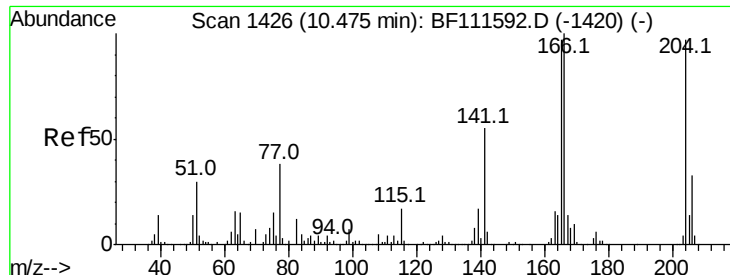
#60
Diethylphthalate
Concen: 31.818 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:149 Resp: 640098
Ion Ratio Lower Upper
149 100
177 22.5 18.3 27.5
150 13.1 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

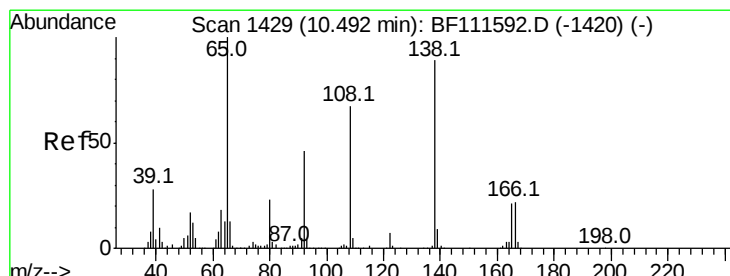
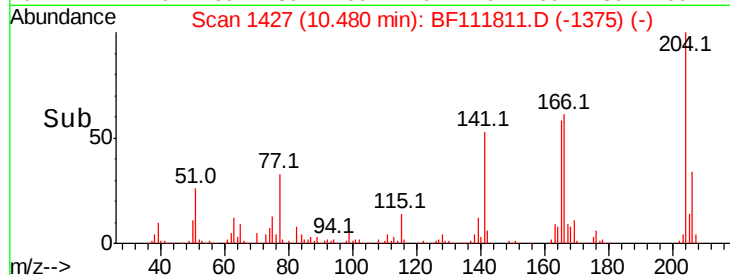
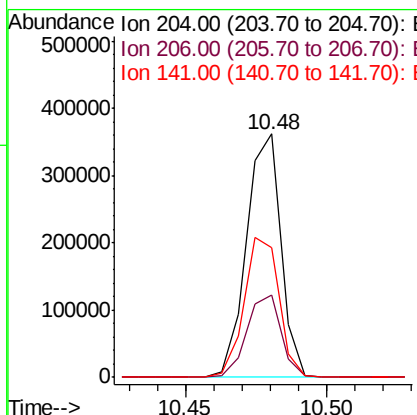
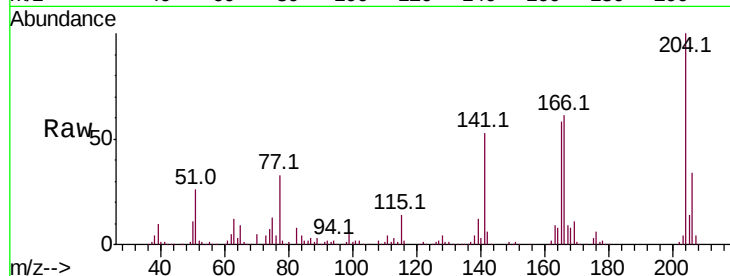




#61
 4-Chlorophenyl-phenylether
 Concen: 30.181 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

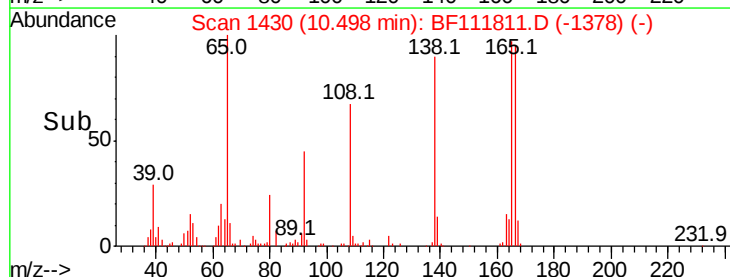
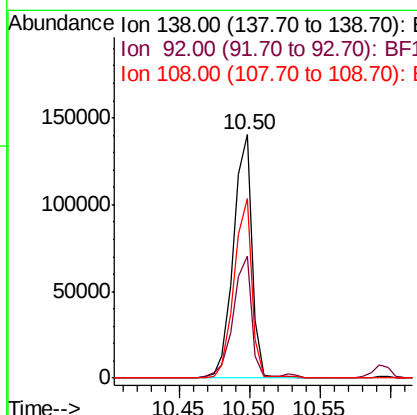
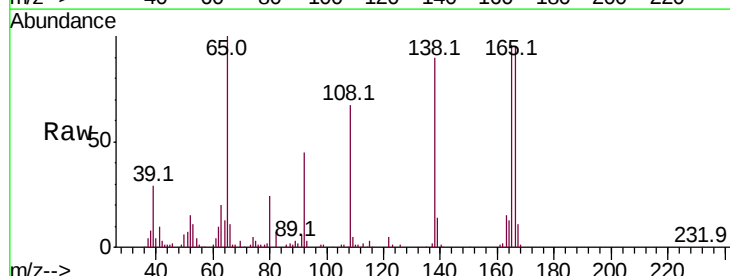
Instrument :
 BNA_F
 ClientSampled :
 IDOC-03

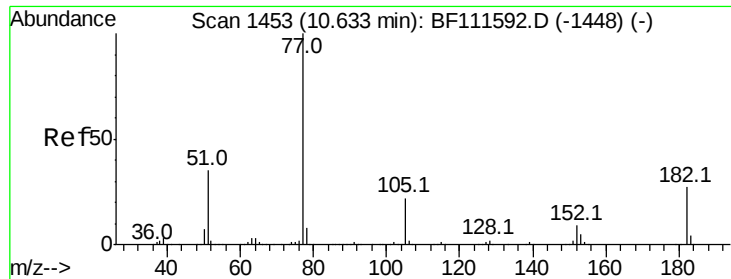
Tot Ion:204 Resp: 306618
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.6 39.8
 141 53.3 52.6 78.8



#62
 4-Nitroaniline
 Concen: 30.546 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Tgt Ion:138 Resp: 129479
 Ion Ratio Lower Upper
 138 100
 92 50.1 29.9 69.9
 108 74.0 43.2 83.2





#63

Azobenzene

Concen: 29.044 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampled :

IDOC-03

Tot Ion: 77 Resp: 586577

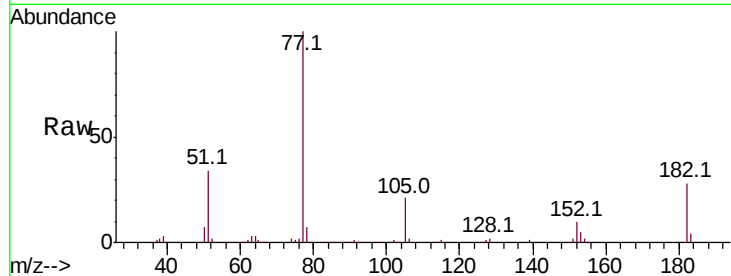
Ion Ratio Lower Upper

77 100

182 28.0 4.9 44.9

105 21.3 6.0 46.0

51 33.9 14.7 54.7

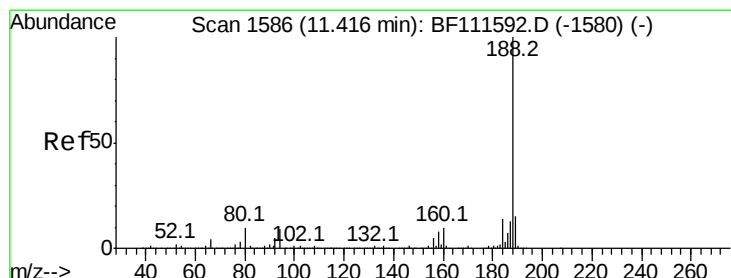
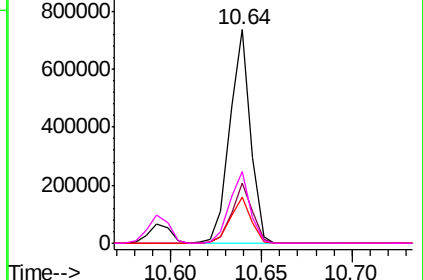
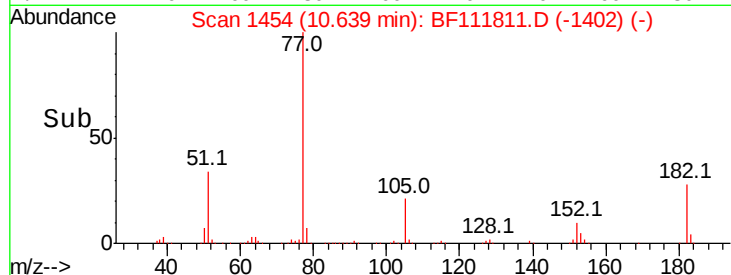


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

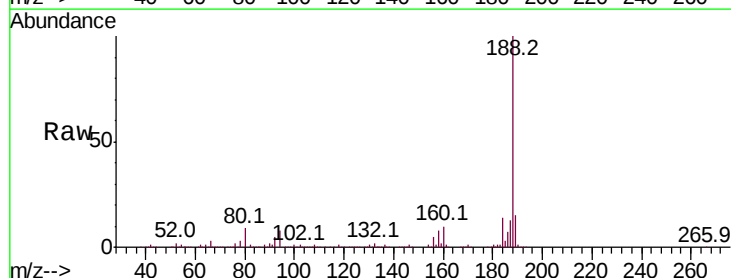
Tgt Ion: 188 Resp: 536923

Ion Ratio Lower Upper

188 100

94 8.2 9.6 14.4#

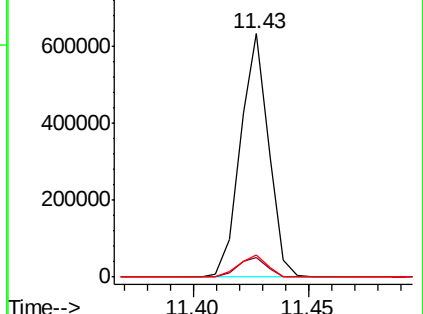
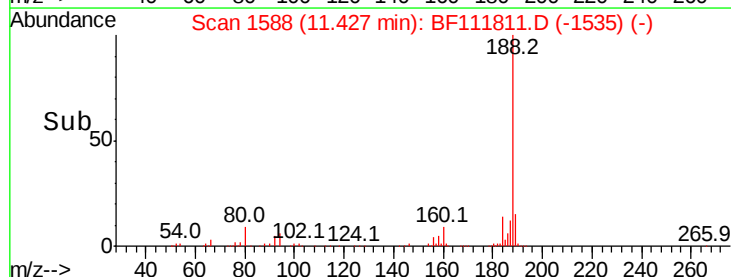
80 9.0 9.8 14.6#

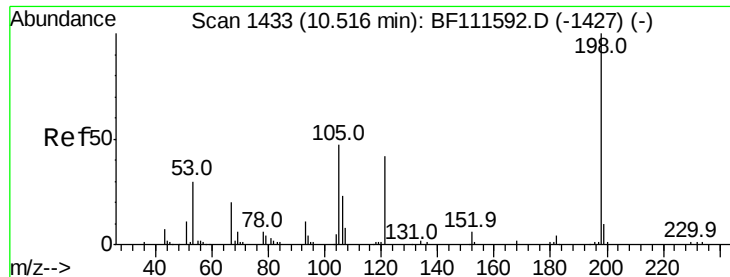


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 33.815 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

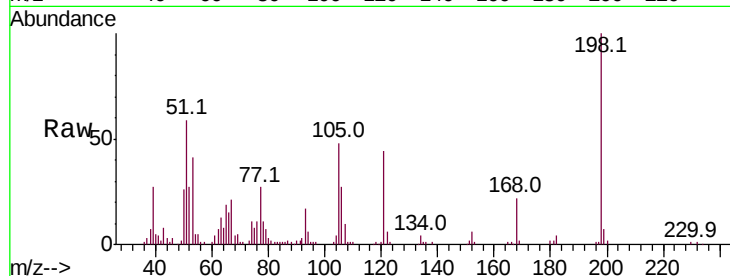
Tot Ion:198 Resp: 69938

Ion Ratio Lower Upper

198 100

51 59.1 48.0 88.0

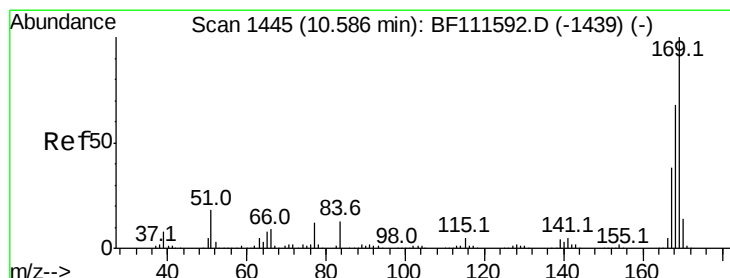
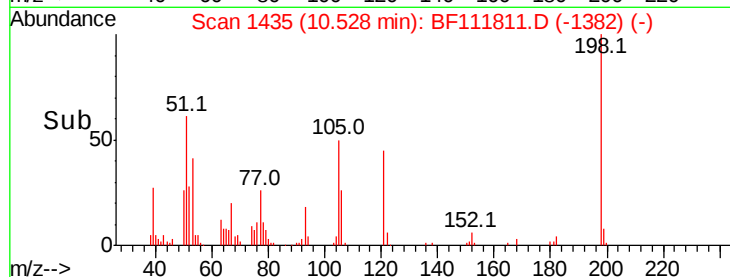
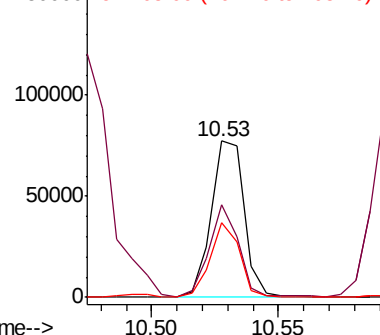
105 47.9 34.0 74.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.403 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

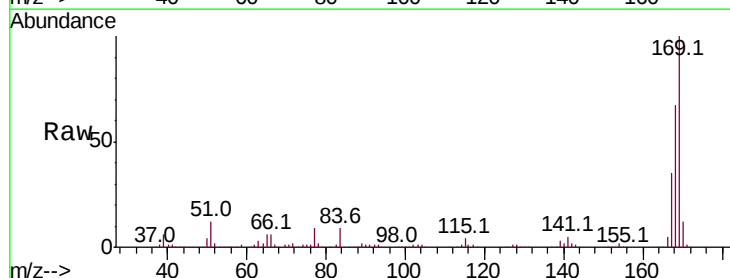
Tgt Ion:169 Resp: 529948

Ion Ratio Lower Upper

169 100

168 66.5 54.4 81.6

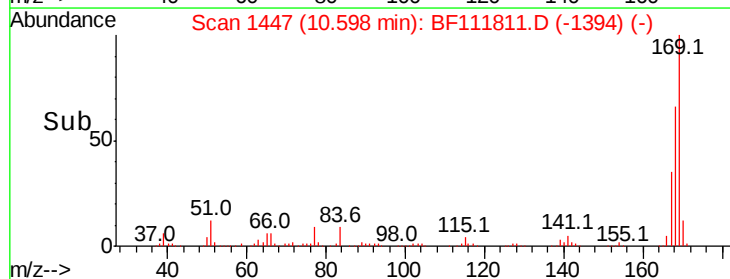
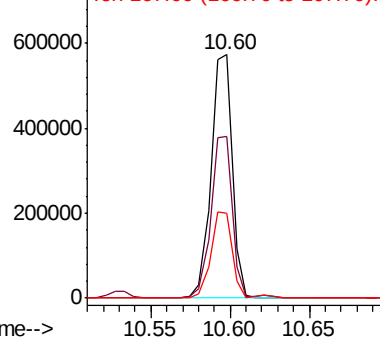
167 35.1 30.5 45.7

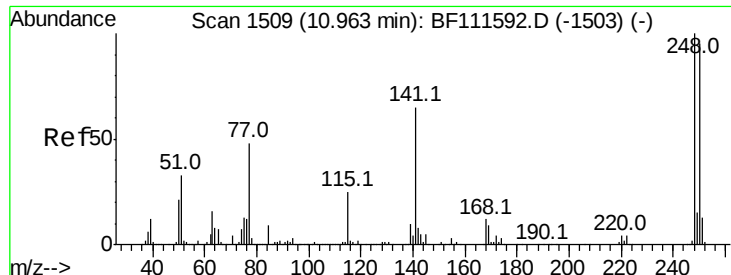


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

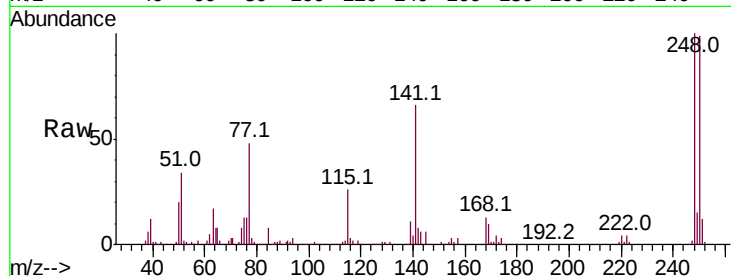




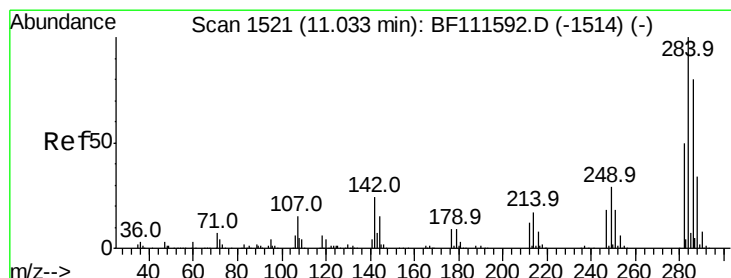
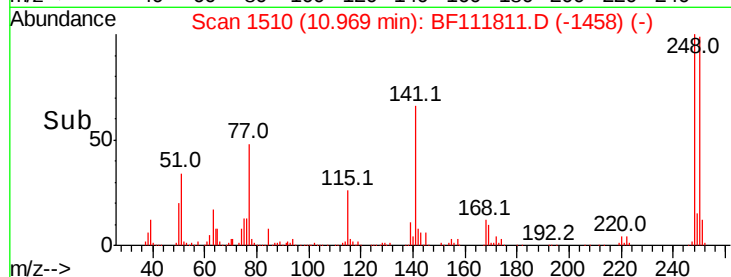
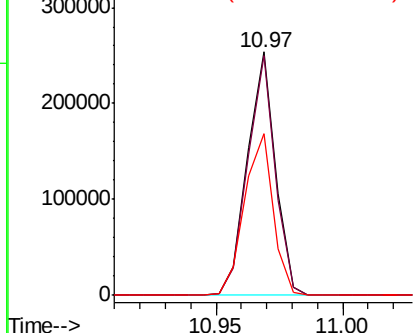
#67
 4-Bromophenyl-phenylether
 Concen: 29.365 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03

Tot Ion:248 Resp: 195558
 Ion Ratio Lower Upper
 248 100
 250 98.5 77.0 115.4
 141 66.2 63.0 94.6

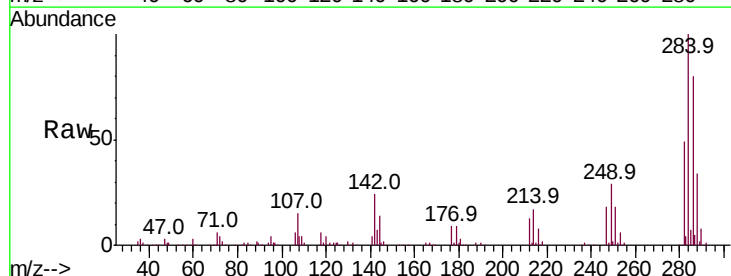


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

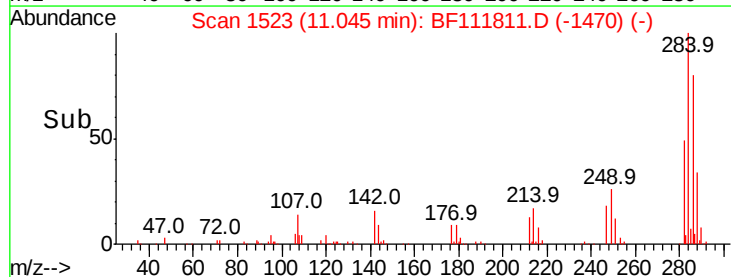
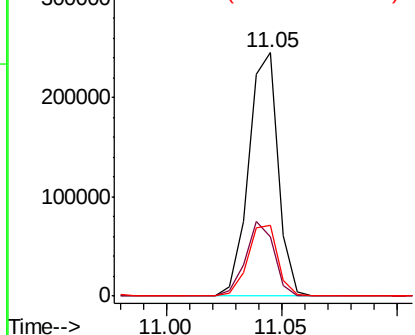


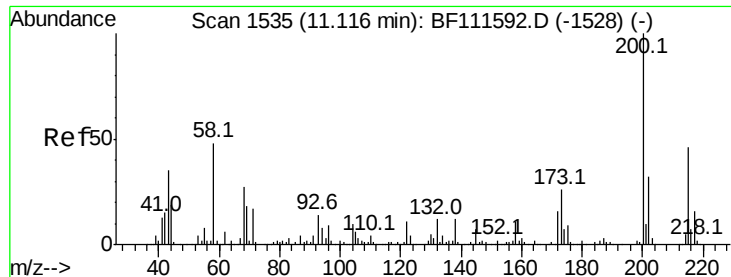
#68
 Hexachlorobenzene
 Concen: 29.466 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Tgt Ion:284 Resp: 218794
 Ion Ratio Lower Upper
 284 100
 142 24.1 27.4 41.2#
 249 29.1 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

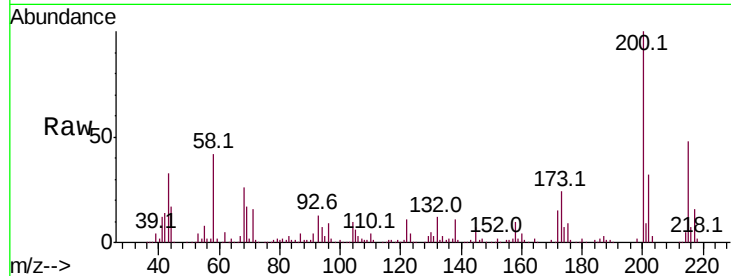




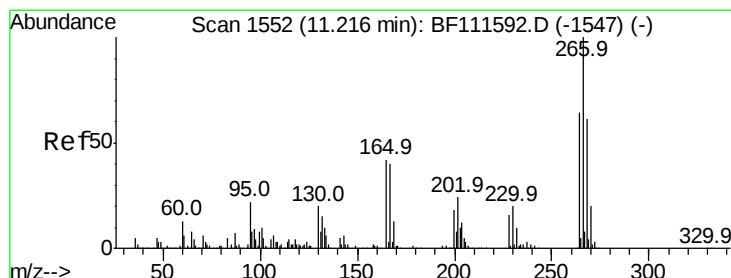
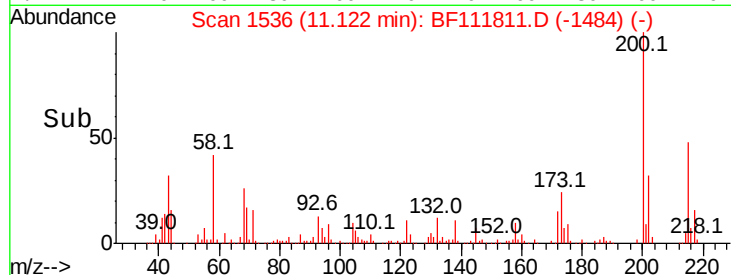
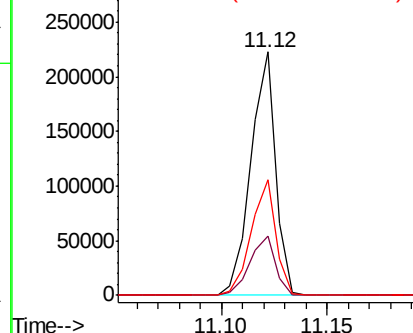
#69
Atrazine
Concen: 28.991 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tot Ion:200 Resp: 181522
Ion Ratio Lower Upper
200 100
173 24.5 10.1 50.1
215 47.7 26.9 66.9

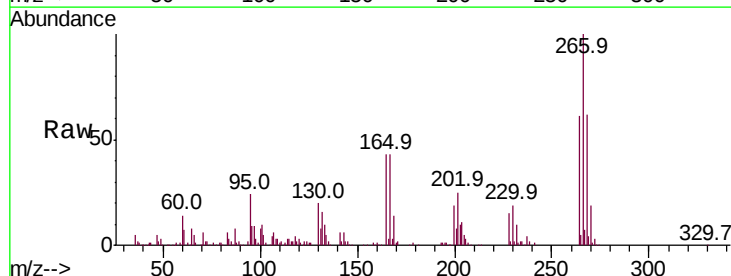


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

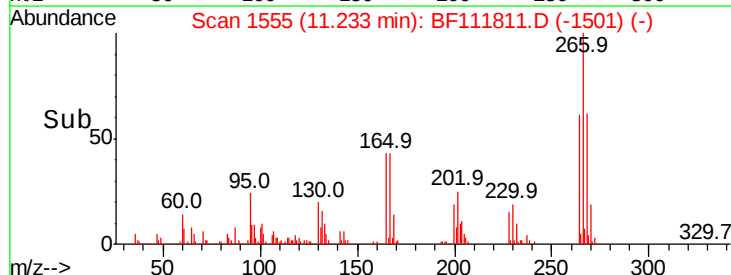
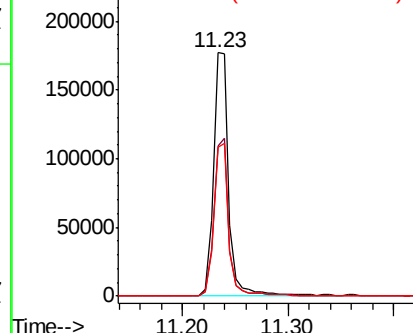


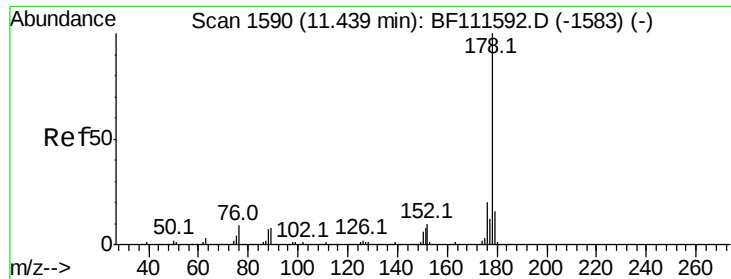
#70
Pentachlorophenol
Concen: 39.262 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:266 Resp: 180230
Ion Ratio Lower Upper
266 100
268 61.7 47.9 71.9
264 61.1 49.1 73.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

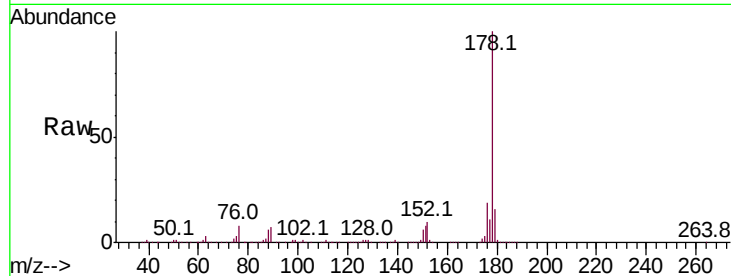




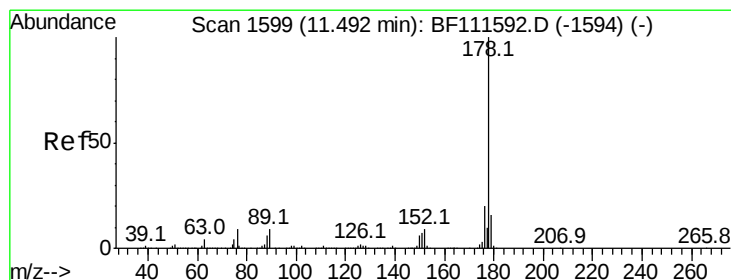
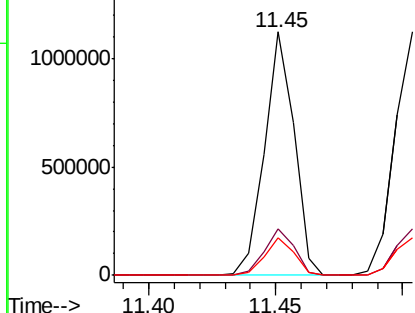
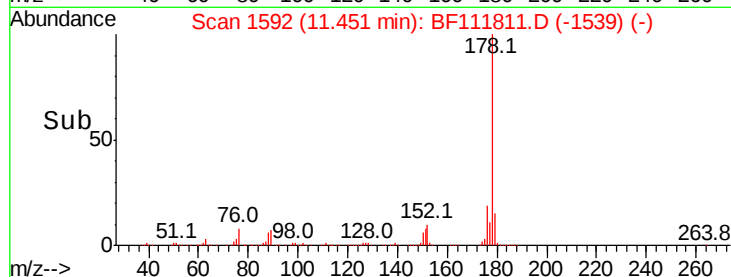
#71
Phenanthrene
Concen: 31.951 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampleID :
IDOC-03

Tot Ion:178 Resp: 909804
Ion Ratio Lower Upper
178 100
176 19.3 18.1 27.1
179 15.6 14.0 21.0

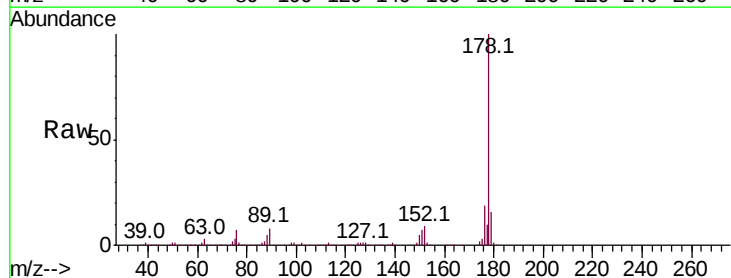


Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

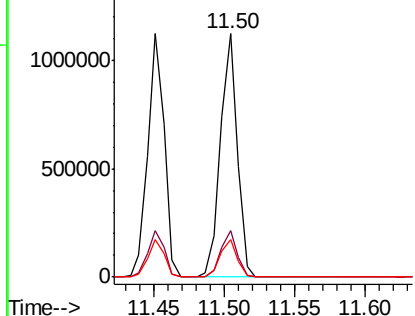
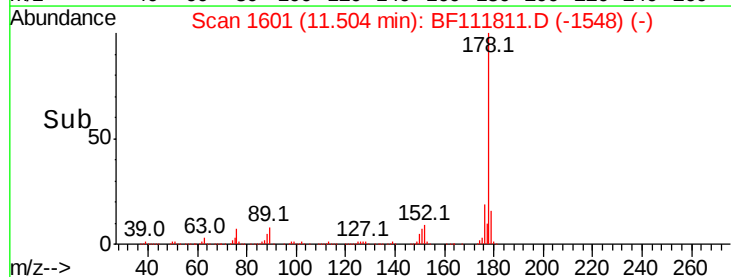


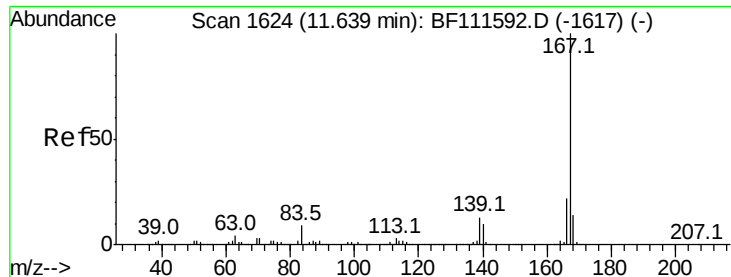
#72
Anthracene
Concen: 32.582 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:178 Resp: 931257
Ion Ratio Lower Upper
178 100
176 19.1 17.2 25.8
179 15.6 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

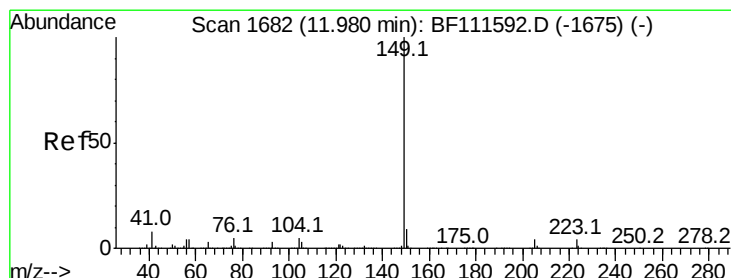
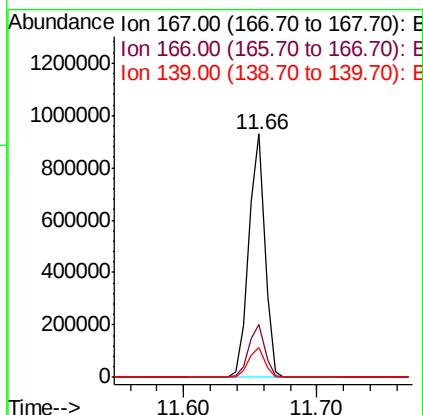
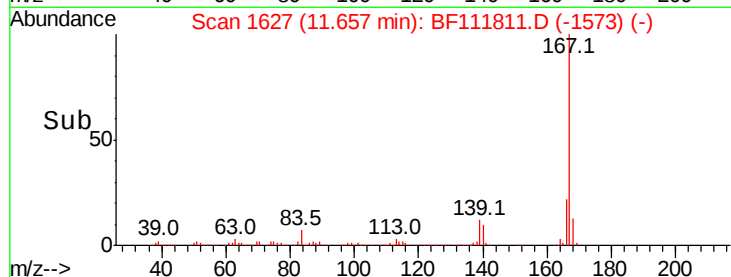
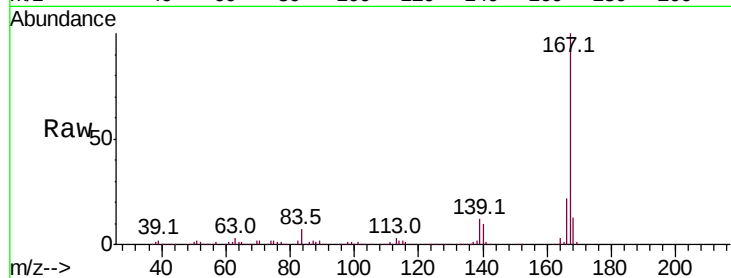




#73
 Carbazole
 Concen: 27.563 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

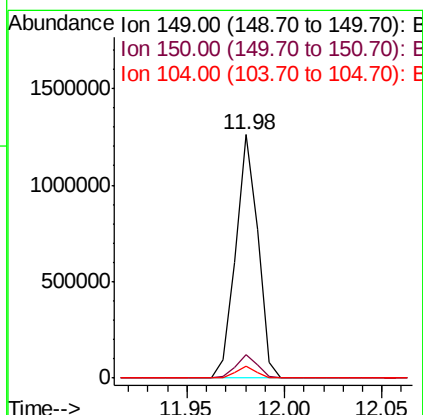
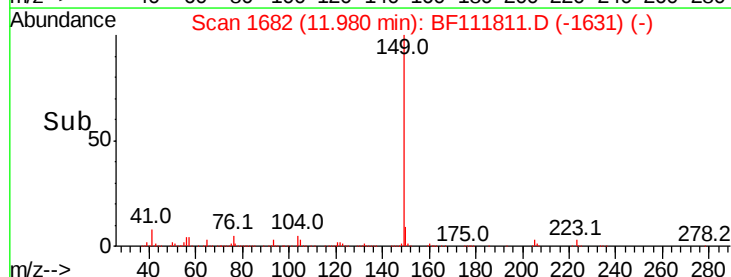
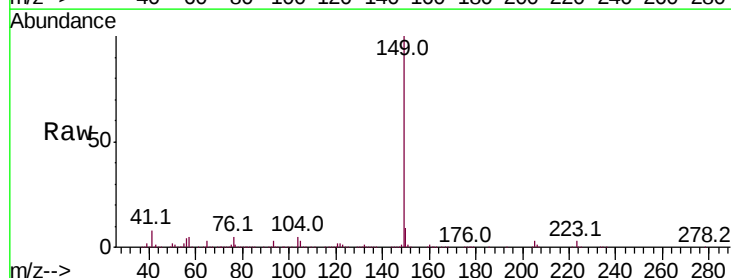
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03

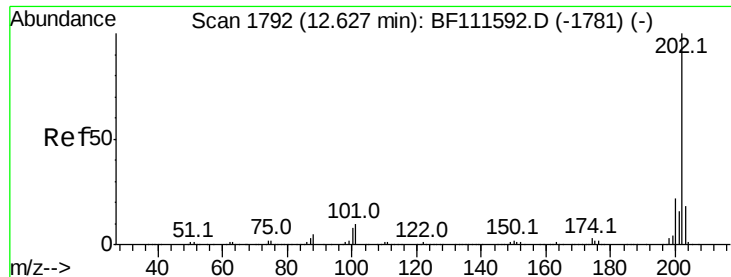
Tot Ion:167 Resp: 764843
 Ion Ratio Lower Upper
 167 100
 166 21.8 19.3 28.9
 139 12.4 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 32.041 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Tgt Ion:149 Resp: 996864
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.8 13.2
 104 4.8 4.5 6.7

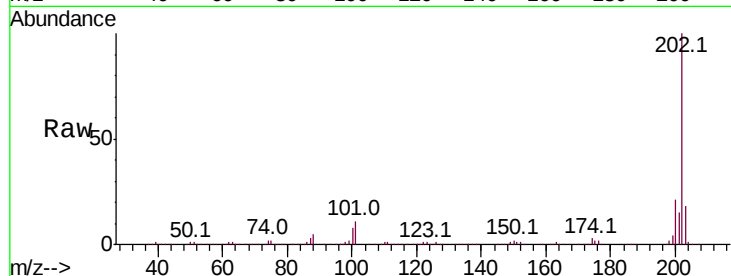




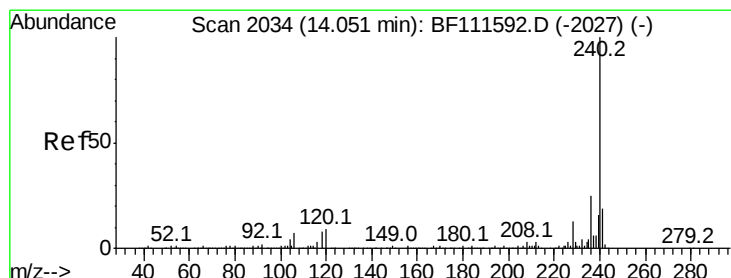
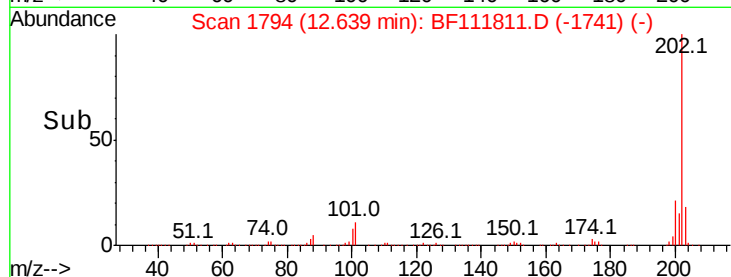
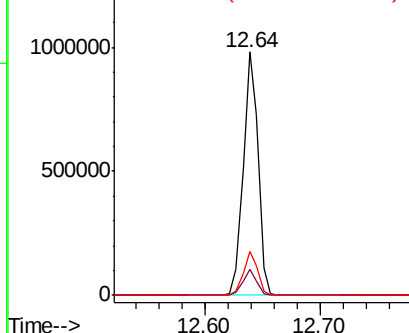
#75
 Fluoranthene
 Concen: 30.110 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.01 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Instrument :
 BNA_F
 ClientSampled :
 IDOC-03

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.8
203	17.9	0.0	38.6

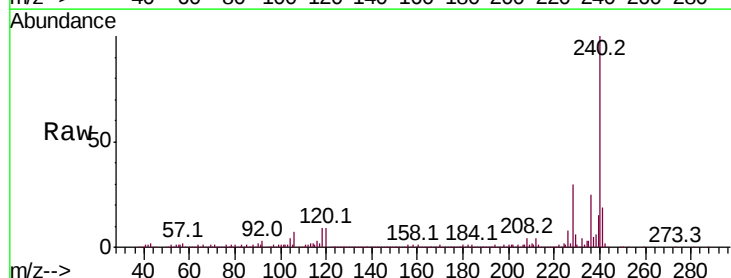


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

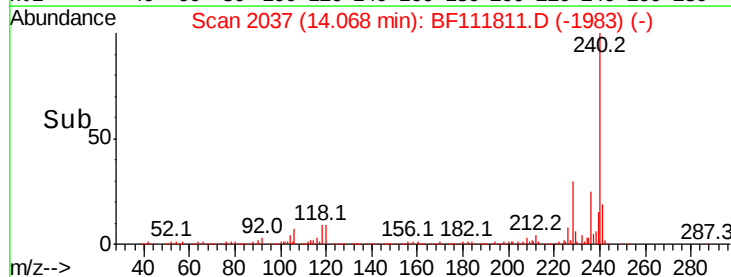
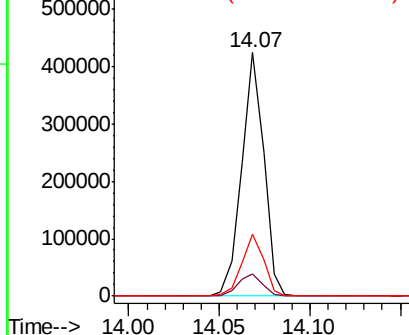


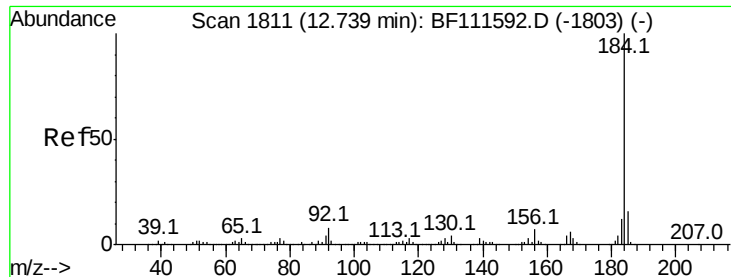
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.2	18.2#
236	25.5	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

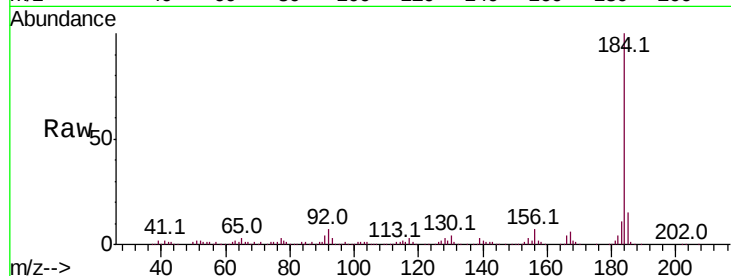




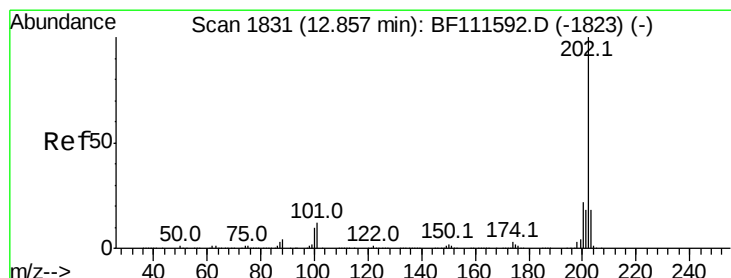
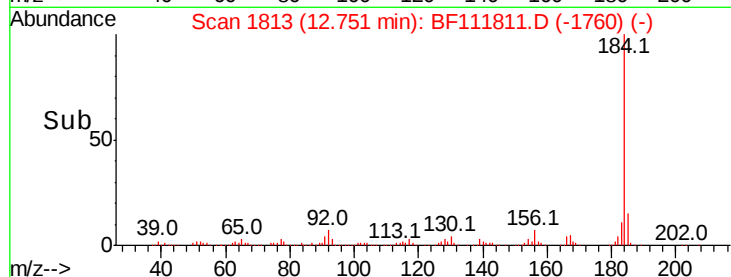
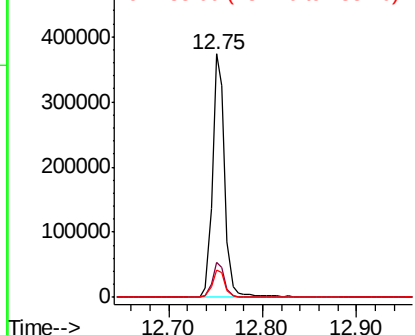
#77
Benzidine
Concen: 25.920 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tot Ion:184 Resp: 350916
Ion Ratio Lower Upper
184 100
185 14.5 13.0 19.6
183 11.4 9.3 13.9

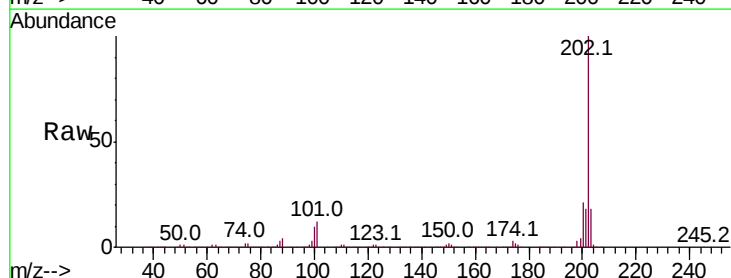


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

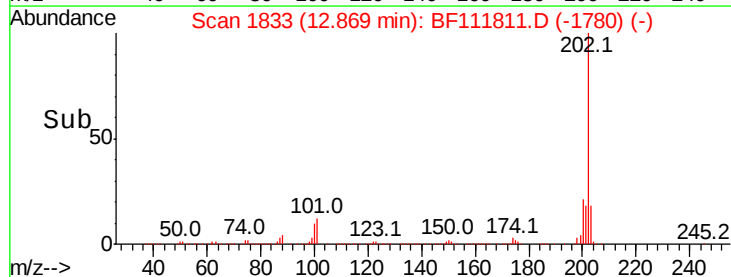
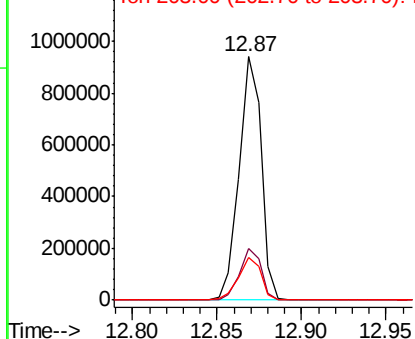


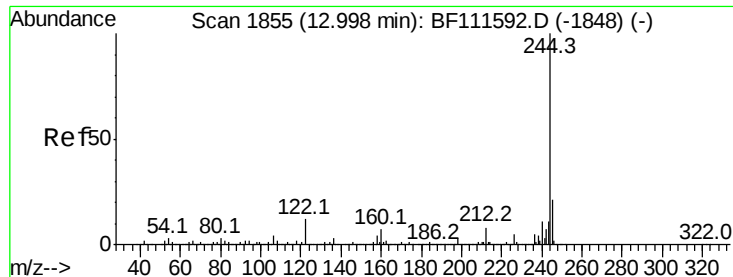
#78
Pyrene
Concen: 33.685 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:202 Resp: 855841
Ion Ratio Lower Upper
202 100
200 21.3 19.0 28.4
203 17.6 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.320 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

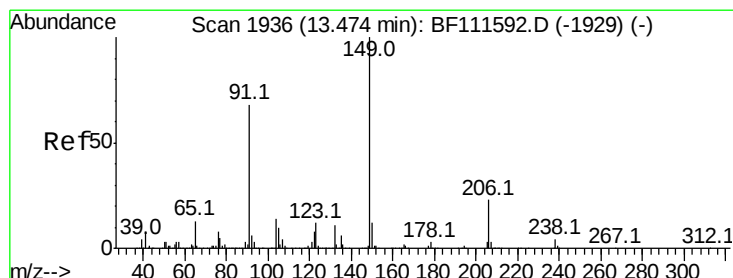
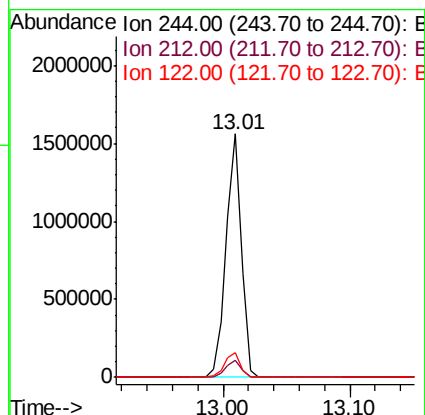
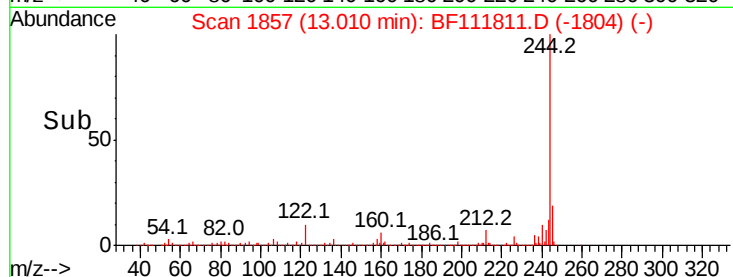
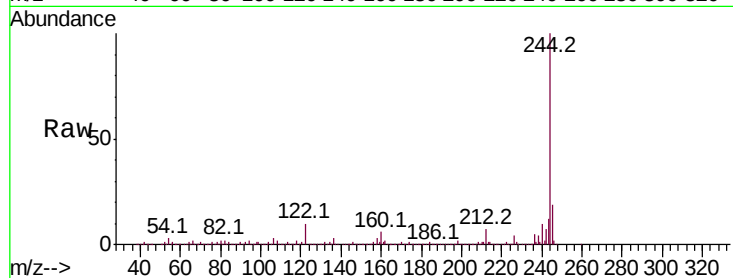
Tot Ion:244 Resp: 1315132

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.2 13.1 19.7#



#80

Butylbenzylphthalate

Concen: 33.282 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

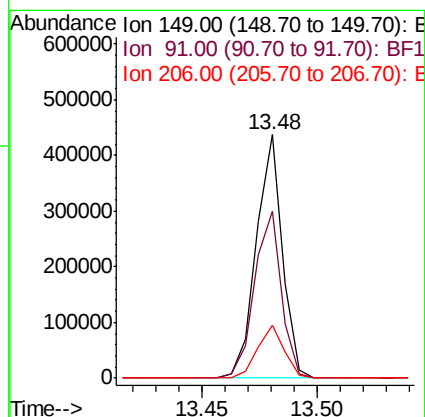
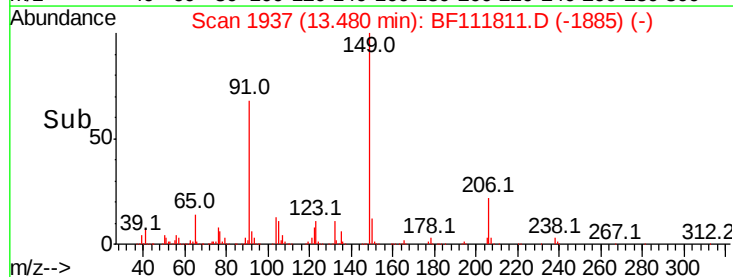
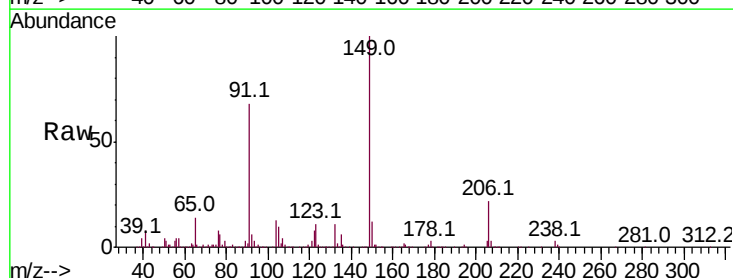
Tgt Ion:149 Resp: 344689

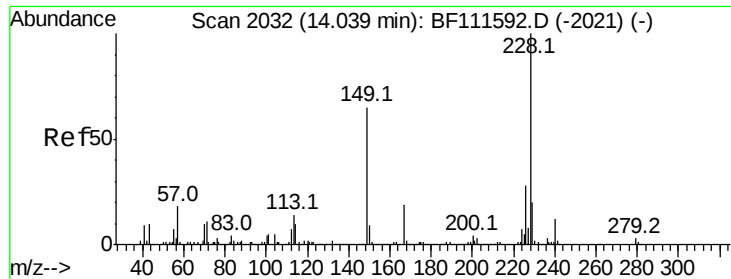
Ion Ratio Lower Upper

149 100

91 68.4 63.8 95.6

206 21.9 15.1 22.7

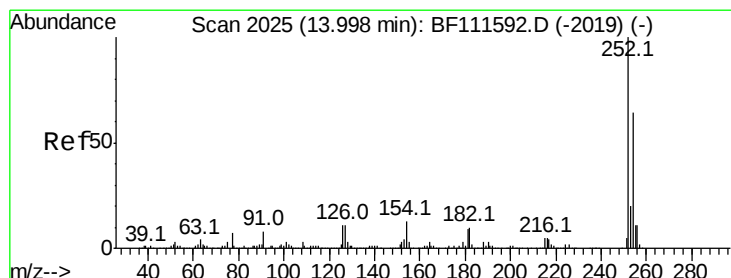
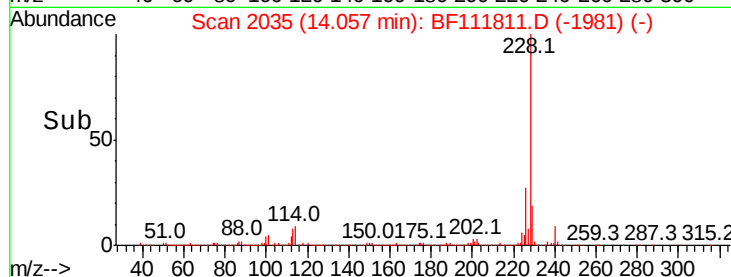
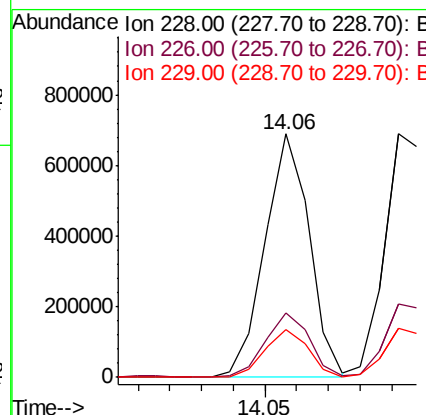
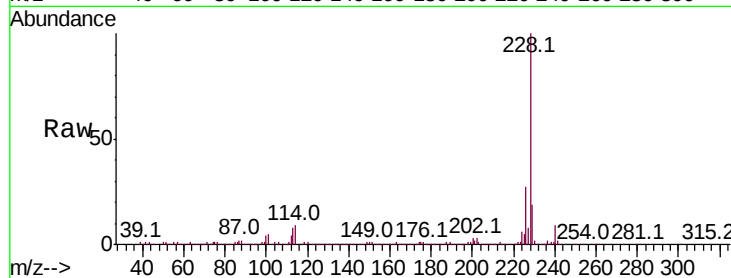




#81
Benzo(a)anthracene
Concen: 32.642 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

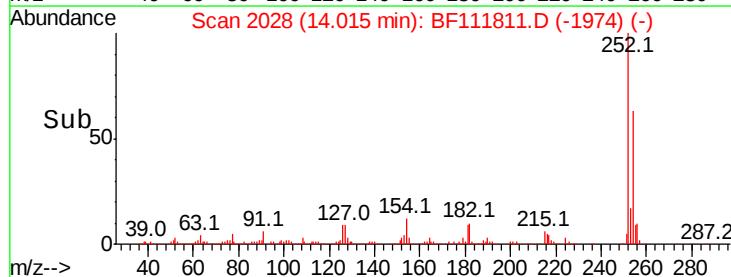
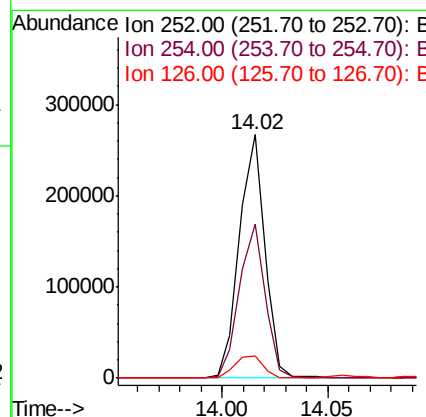
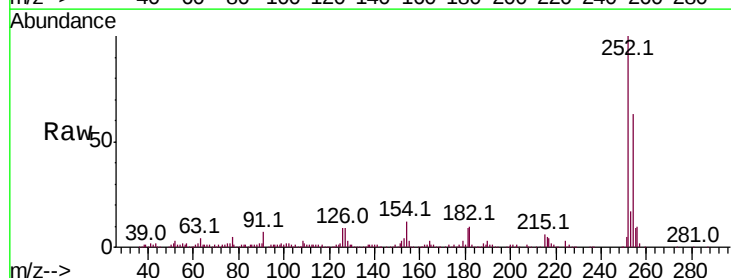
Instrument :
BNA_F
ClientSampleId :
IDOC-03

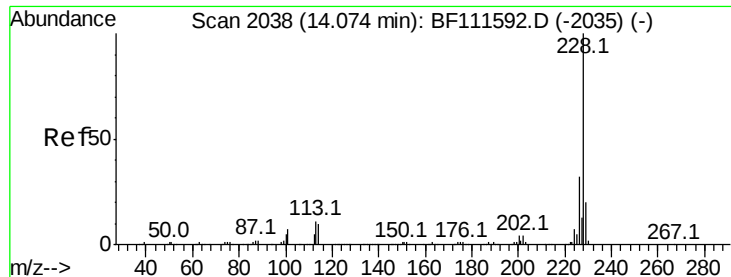
Tot Ion:228 Resp: 670236
Ion Ratio Lower Upper
228 100
226 26.6 22.6 34.0
229 19.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 27.434 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:252 Resp: 222561
Ion Ratio Lower Upper
252 100
254 63.0 52.7 79.1
126 9.2 11.1 16.7#

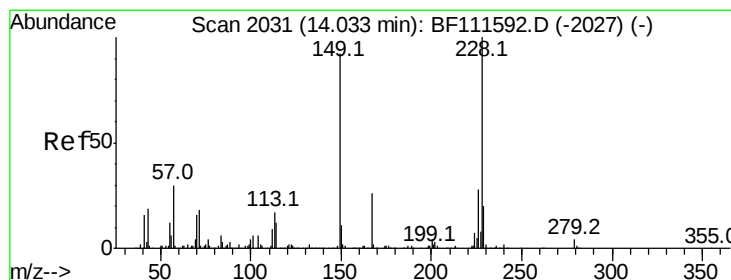
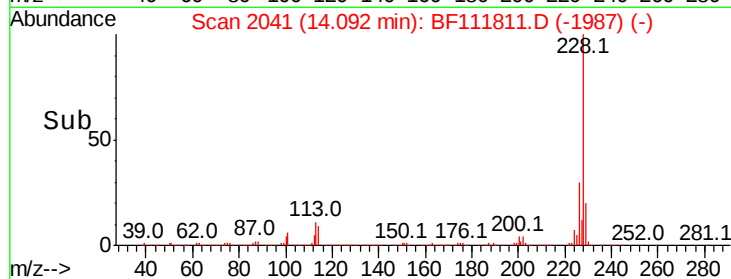
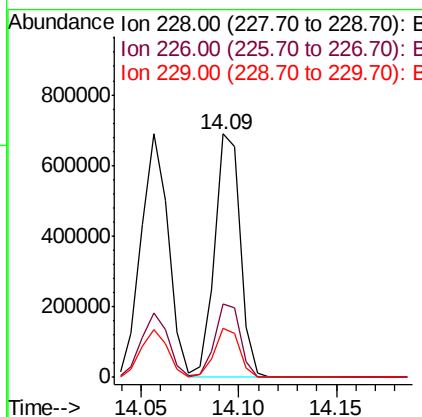
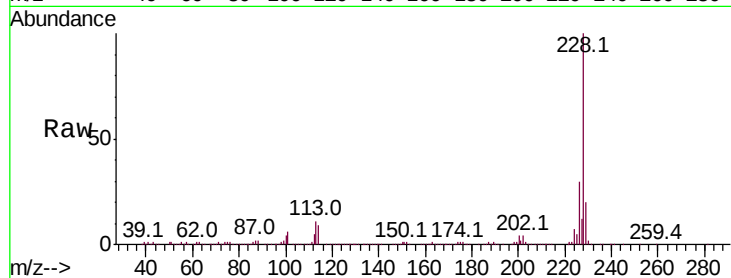




#83
 Chrysene
 Concen: 31.105 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.02 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

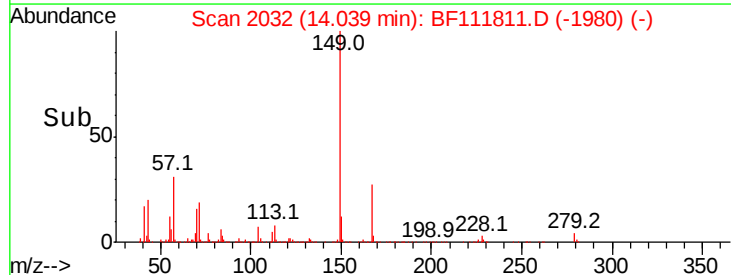
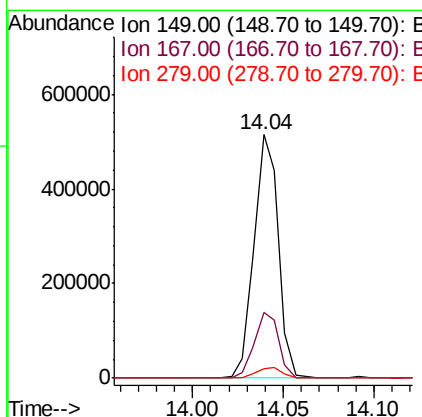
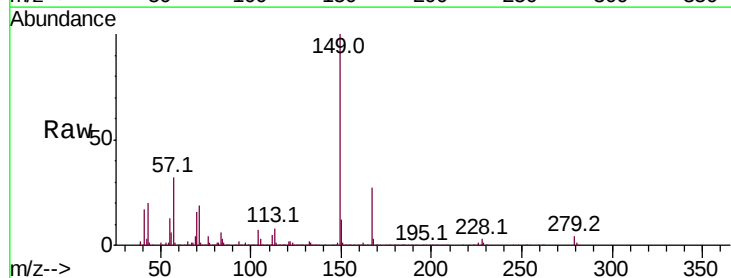
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-03

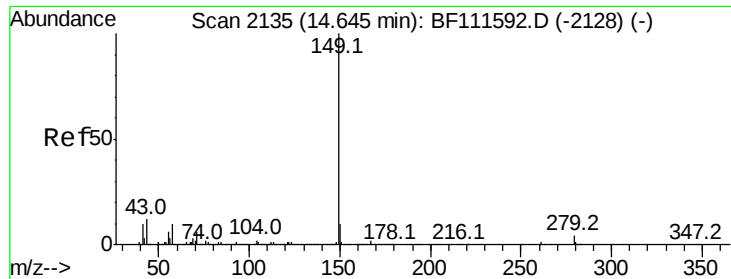
Tot Ion:228 Resp: 627717
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.3 37.9
 229 20.0 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.547 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111811.D
 Acq: 2 Jan 2019 16:10

Tgt Ion:149 Resp: 476769
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.5 33.7
 279 3.9 2.6 4.0

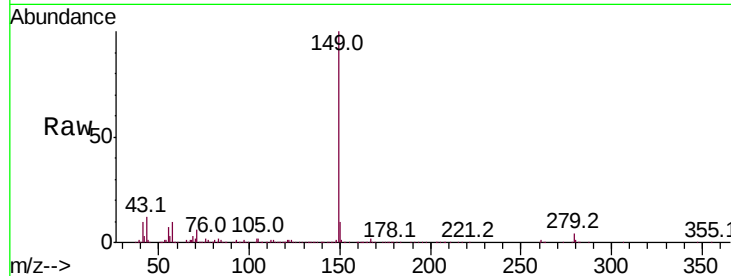




#85
Di-n-octyl phthalate
Concen: 34.946 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Instrument :
BNA_F
ClientSampleId :
IDOC-03

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.1	10.9	16.3

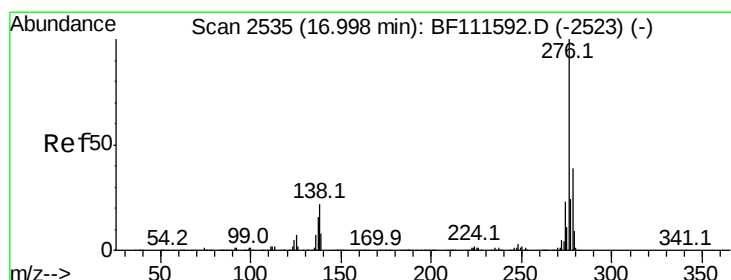
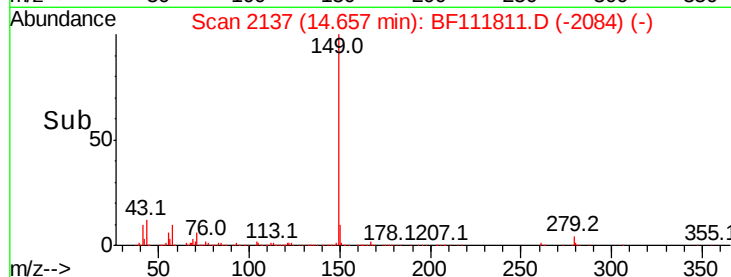
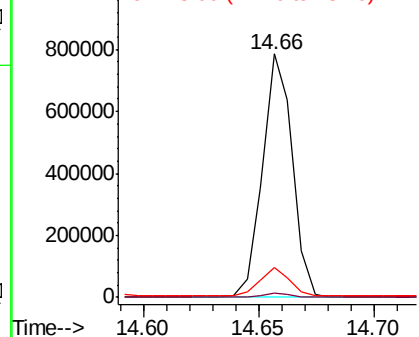


Abundance

Ion 149.00 (148.70 to 149.70): E

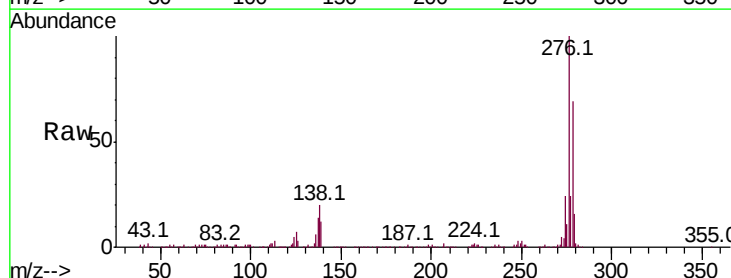
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.860 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.07 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	27.8	41.6#
277	25.0	20.1	30.1

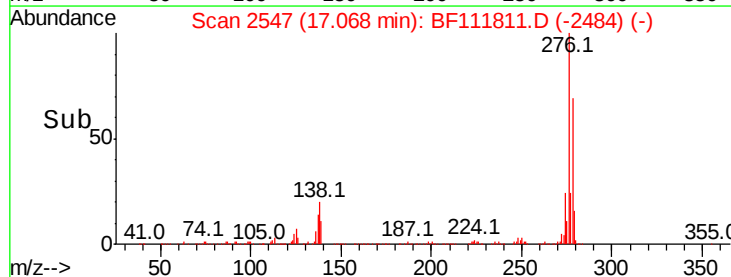
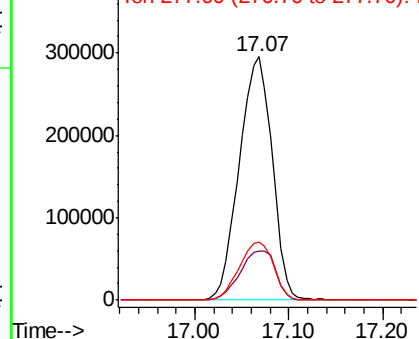


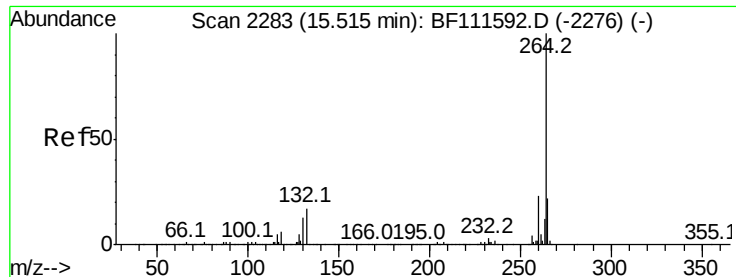
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

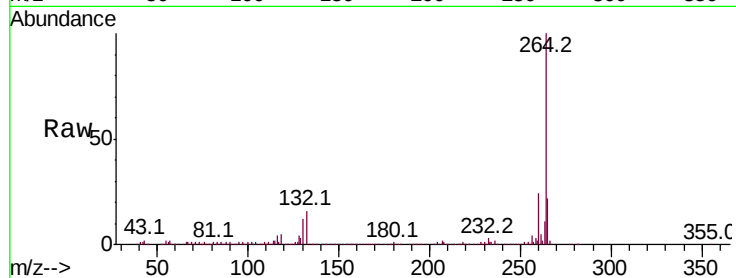
Tot Ion:264 Resp: 345631

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.8	17.7	26.5

264 100

260 23.7 18.3 27.5

265 21.8 17.7 26.5

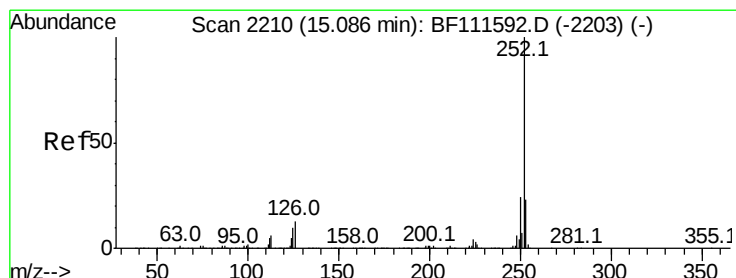
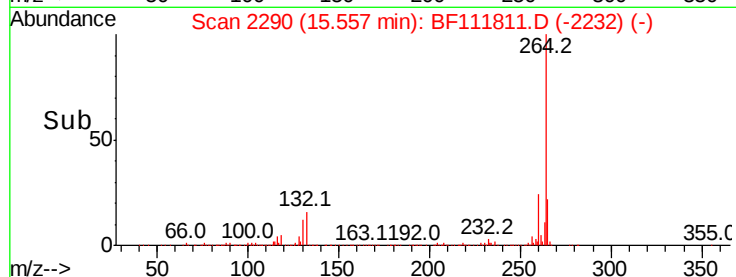
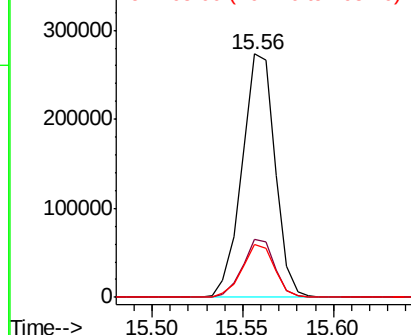


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 31.514 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.04 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

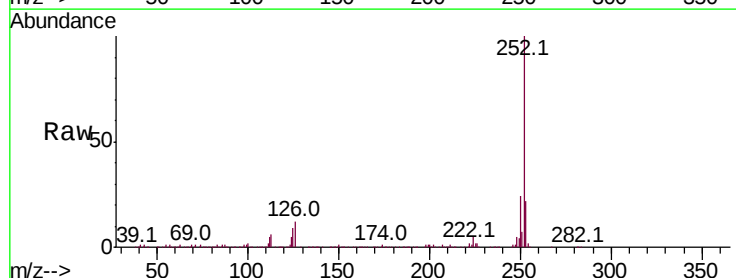
Tgt Ion:252 Resp: 636586

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.0	10.4	15.6#

252 100

253 21.8 18.2 27.2

125 9.0 10.4 15.6#

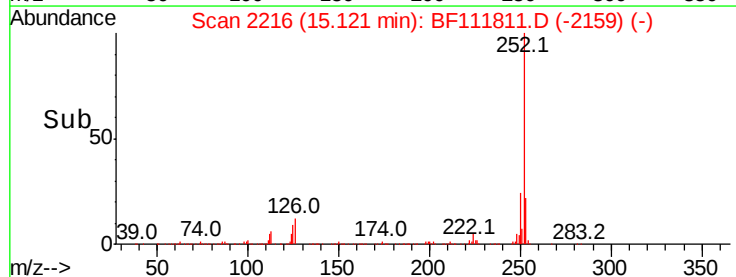
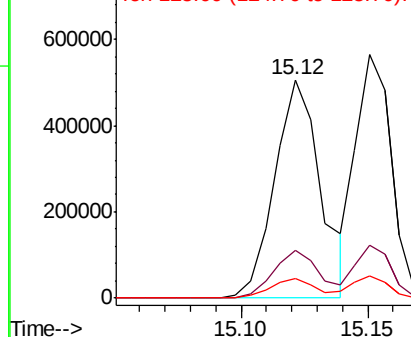


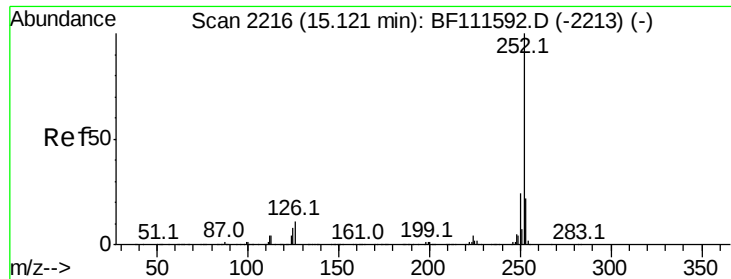
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

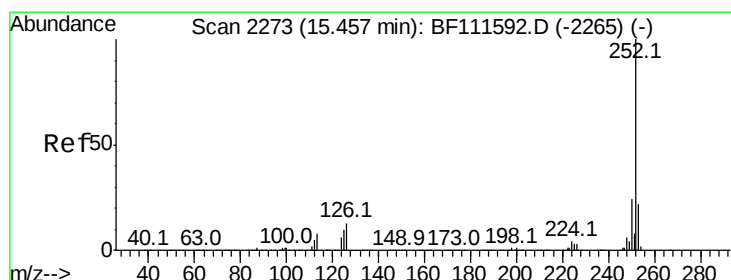
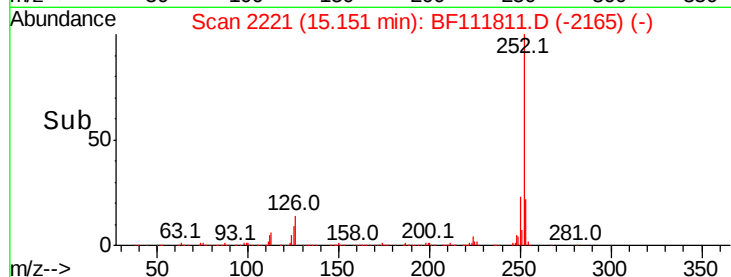
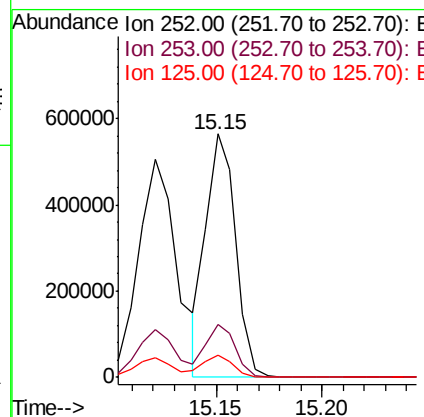
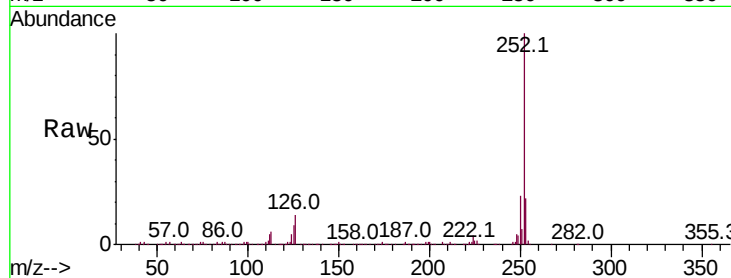




#89
Benzo(k)fluoranthene
Concen: 28.580 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

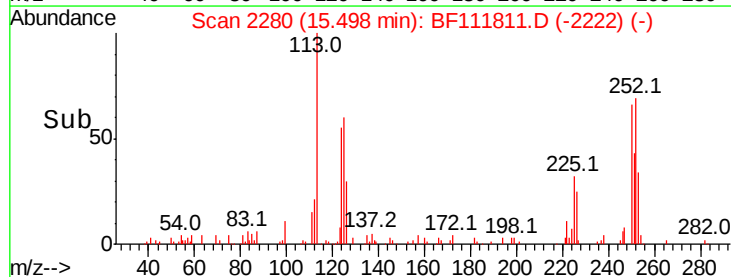
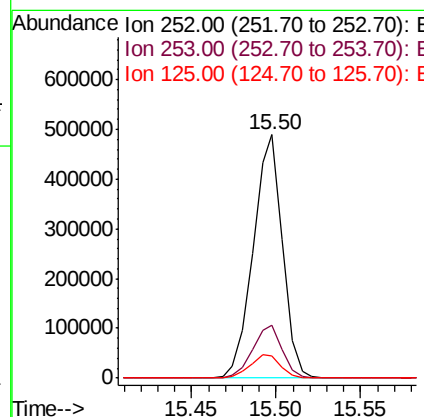
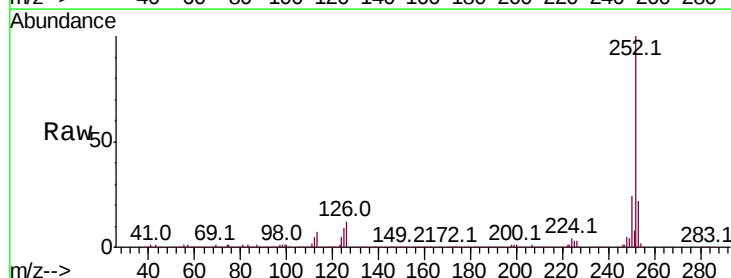
Instrument :
BNA_F
ClientSampleId :
IDOC-03

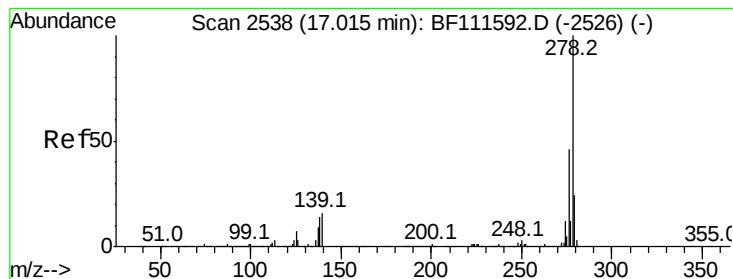
Tot Ion:252 Resp: 549629
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 9.3 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 32.101 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111811.D
Acq: 2 Jan 2019 16:10

Tgt Ion:252 Resp: 589118
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 9.1 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 37.285 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.06 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

Instrument :

BNA_F

ClientSampleId :

IDOC-03

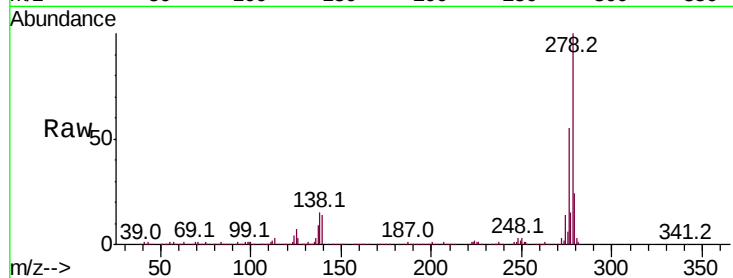
Tot Ion:278 Resp: 599179

Ion Ratio Lower Upper

278 100

139 14.0 18.2 27.4#

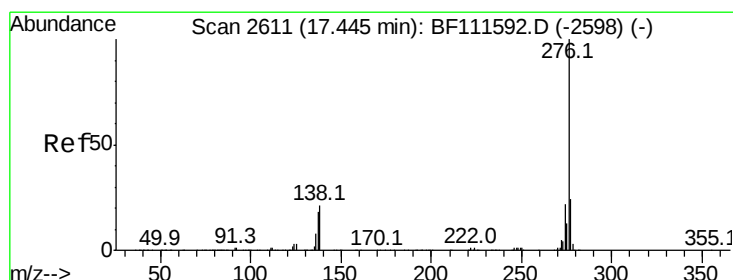
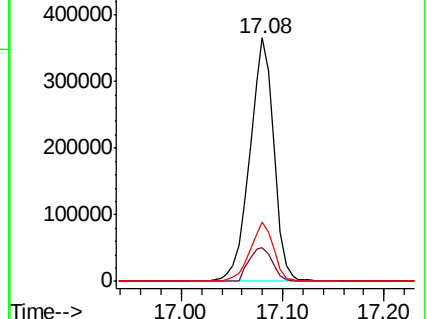
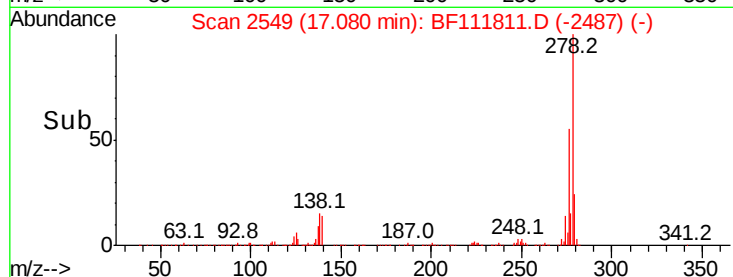
279 24.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.330 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.08 min

Lab File: BF111811.D

Acq: 2 Jan 2019 16:10

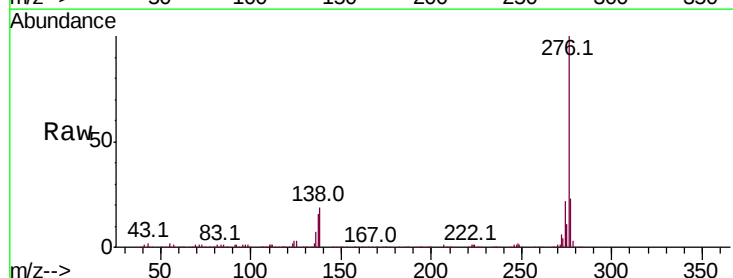
Tgt Ion:276 Resp: 601480

Ion Ratio Lower Upper

276 100

277 22.9 19.2 28.8

138 19.3 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

