

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111810.D
 Acq On : 2 Jan 2019 15:16
 Operator : JU/SJ
 Sample : IDOC-01
 Misc : BN-W-FE
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01

Quant Time: Jan 03 03:21:14 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	154668	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	576021	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	302825	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	580267	20.00	ng	0.01
76) Chrysene-d12	14.07	240	383315	20.00	ng	0.02
87) Perylene-d12	15.56	264	387465	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	560228	61.74	ng	0.02
7) Phenol-d6	6.55	99	450018	38.97	ng	0.02
23) Nitrobenzene-d5	7.47	82	1014448	102.51	ng	0.01
42) 2,4,6-Tribromophenol	10.74	330	537003	150.08	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1898622	91.39	ng	0.00
79) Terphenyl-d14	13.02	244	2051818	101.51	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	61669	14.445	ng	95
3) Pyridine	3.48	79	141295	12.704	ng	100
4) n-Nitrosodimethylamine	3.41	42	99541	18.287	ng	84
6) Aniline	6.56	93	368926	25.063	ng	93
8) 2-Chlorophenol	6.70	128	373054	37.114	ng	97
9) Benzaldehyde	6.45	77	222813	28.054	ng	98
10) Phenol	6.56	94	177545	13.626	ng	# 51
11) bis(2-Chloroethyl)ether	6.63	93	420894	43.108	ng	97
12) 1,3-Dichlorobenzene	6.85	146	430901	36.991	ng	99
13) 1,4-Dichlorobenzene	6.92	146	443755	37.562	ng	97
14) 1,2-Dichlorobenzene	7.07	146	423535	38.426	ng	99
15) Benzyl Alcohol	7.04	79	263228	28.701	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	703732	39.135	ng	76
17) 2-Methylphenol	7.17	107	245295	30.477	ng	# 83
18) Hexachloroethane	7.42	117	149226	37.484	ng	# 90
19) n-Nitroso-di-n-propylamine	7.32	70	335827	43.789	ng	98
20) 3+4-Methylphenols	7.32	107	277478	27.284	ng	# 84
22) Acetophenone	7.31	105	640465	43.889	ng	# 89
24) Nitrobenzene	7.49	77	498749	48.087	ng	96
25) Isophorone	7.72	82	892949	50.828	ng	98
26) 2-Nitrophenol	7.80	139	240607	57.199	ng	# 90
27) 2,4-Dimethylphenol	7.85	122	357655	43.132	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	553046	47.307	ng	98
29) 2,4-Dichlorophenol	8.05	162	392826	44.044	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	416620	41.918	ng	98
31) Naphthalene	8.21	128	1291275	46.655	ng	97
32) Benzoic acid	7.92	122	43723	7.975	ng	88
33) 4-Chloroaniline	8.25	127	423734	35.422	ng	99
34) Hexachlorobutadiene	8.33	225	241607	39.886	ng	98
35) Caprolactam	8.62	113	18358	6.074	ng	# 84
36) 4-Chloro-3-methylphenol	8.74	107	373151	42.562	ng	99
37) 2-Methylnaphthalene	8.90	142	918839	51.027	ng	98
38) 1-Methylnaphthalene	9.00	142	868590	50.225	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	441938	44.412	ng	98

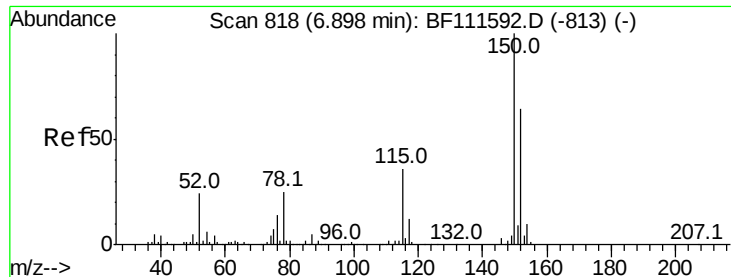
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	557438	115.441	nq	99
43) 2,4,6-Trichlorophenol	9.18	196	301824	45.430	nq	100
44) 2,4,5-Trichlorophenol	9.23	196	320077	46.962	nq	# 91
46) 1,1'-Biphenyl	9.36	154	1141019	44.636	nq	96
47) 2-Chloronaphthalene	9.39	162	888515	43.870	nq	95
48) 2-Nitroaniline	9.48	65	289461	54.938	nq	100
49) Acenaphthylene	9.80	152	1442707	48.788	nq	96
50) Dimethylphthalate	9.66	163	1076806	48.626	nq	97
51) 2,6-Dinitrotoluene	9.72	165	241658	54.728	nq	90
52) Acenaphthene	9.98	154	938757	51.472	nq	98
53) 3-Nitroaniline	9.89	138	199507	42.365	nq	97
54) 2,4-Dinitrophenol	10.00	184	175911	120.105	nq	91
55) Dibenzofuran	10.15	168	1289751	46.808	nq	96
56) 4-Nitrophenol	10.06	139	119014	33.116	nq	93
57) 2,4-Dinitrotoluene	10.13	165	330276	62.234	nq	# 97
58) Fluorene	10.49	166	1013107	51.025	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	278280	48.516	nq	91
60) Diethylphthalate	10.36	149	1074456	49.463	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	511633	46.640	nq	95
62) 4-Nitroaniline	10.51	138	232694	50.839	nq	91
63) Azobenzene	10.64	77	1001468	45.922	nq	97
65) 4,6-Dinitro-2-methylphenol	10.54	198	131410	53.848	nq	# 80
66) n-Nitrosodiphenylamine	10.60	169	904525	46.437	nq	98
67) 4-Bromophenyl-phenylether	10.97	248	336977	46.821	nq	97
68) Hexachlorobenzene	11.05	284	374932	46.722	nq	95
69) Atrazine	11.13	200	311043	45.965	nq	97
70) Pentachlorophenol	11.24	266	325169	65.545	nq	95
71) Phenanthrene	11.46	178	1504337	48.884	nq	95
72) Anthracene	11.51	178	1540416	49.870	nq	96
73) Carbazole	11.66	167	1304468	43.498	nq	96
74) Di-n-butylphthalate	11.99	149	1631772	48.530	nq	96
75) Fluoranthene	12.64	202	1439713	46.200	nq	95
77) Benzidine	12.76	184	501501	34.769	nq	96
78) Pyrene	12.87	202	1427866	52.750	nq	97
80) Butylbenzylphthalate	13.48	149	594404	53.871	nq	92
81) Benzo(a)anthracene	14.06	228	1128705	51.596	nq	98
82) 3,3'-Dichlorobenzidine	14.02	252	353213	40.866	nq	# 96
83) Chrysene	14.10	228	1038189	48.287	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	783490	56.372	nq	98
85) Di-n-octyl phthalate	14.66	149	1181083	54.848	nq	94
86) Indeno(1,2,3-cd)pyrene	17.07	276	1242338	67.971	nq	# 87
88) Benzo(b)fluoranthene	15.12	252	1039669	45.912	nq	# 95
89) Benzo(k)fluoranthene	15.15	252	1013250	47.000	nq	# 97
90) Benzo(a)pyrene	15.50	252	1019908	49.575	nq	# 93
91) Dibenzo(a,h)anthracene	17.09	278	1030896	57.223	nq	# 91
92) Benzo(g,h,i)perylene	17.53	276	1041879	59.226	nq	# 87

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

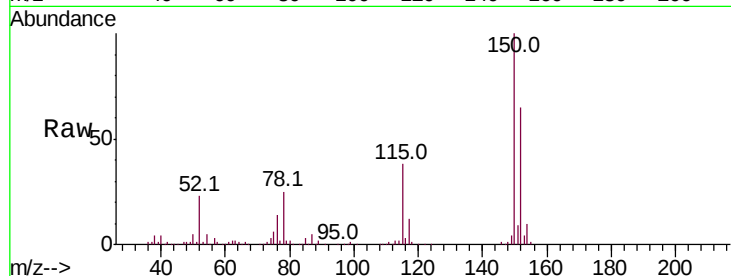


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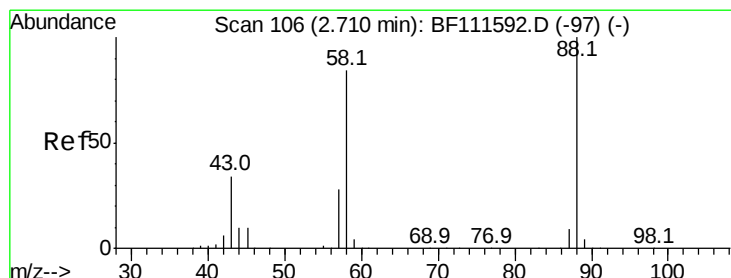
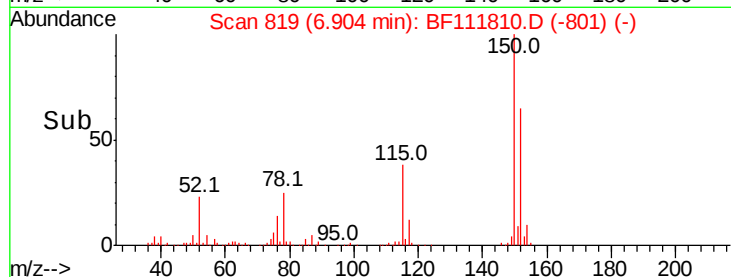
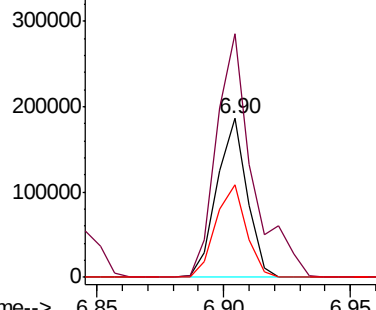
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampleId :
IDOC-01

Tot Ion:152 Resp: 154668
Ion Ratio Lower Upper
152 100
150 153.1 126.6 189.8
115 58.2 50.7 76.1



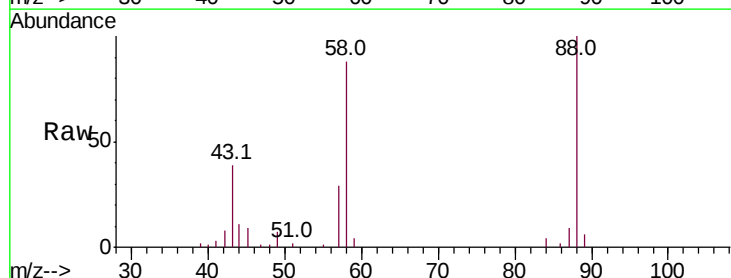
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



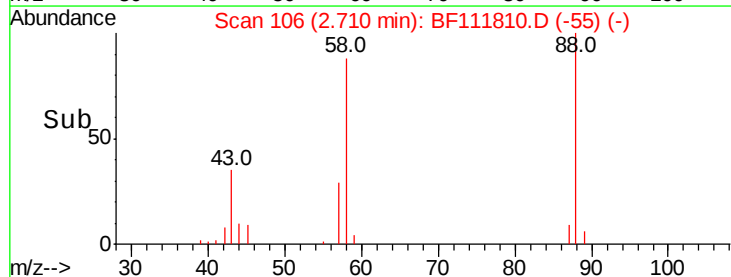
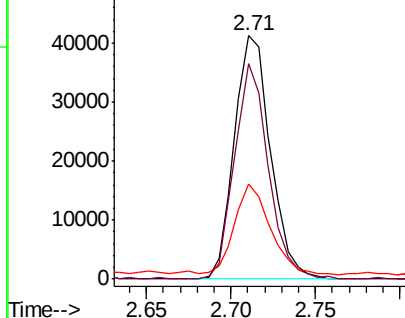
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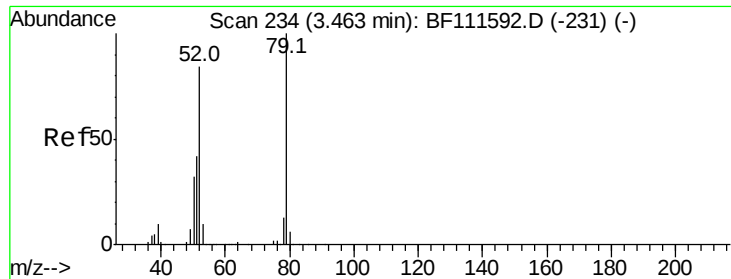
1,4-Dioxane
Concen: 14.445 ng
RT: 2.71 min Scan# 106
Delta R.T. -0.00 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion: 88 Resp: 61669
Ion Ratio Lower Upper
88 100
58 83.1 68.9 103.3
43 37.1 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: 12.704 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

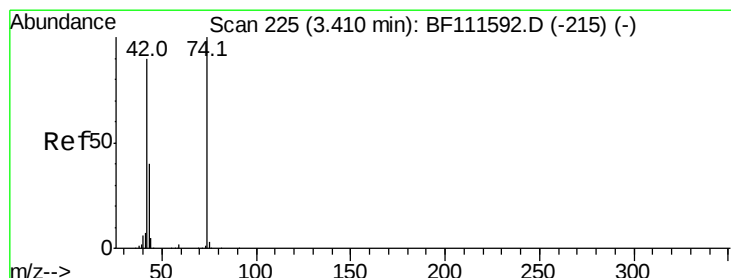
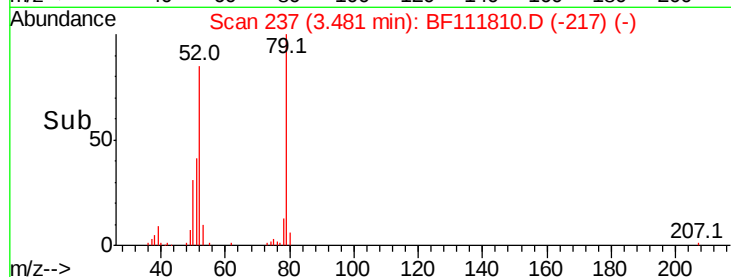
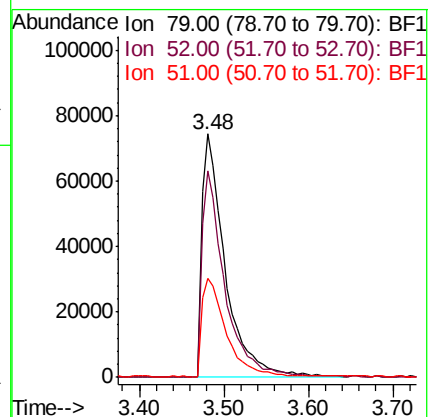
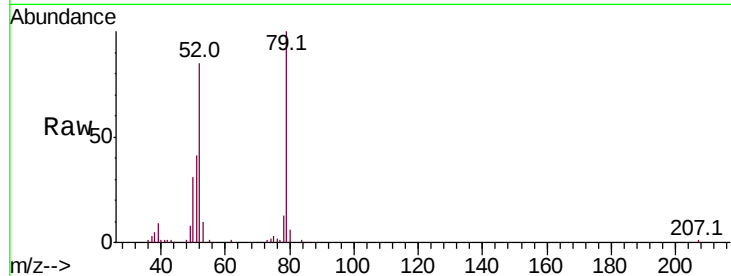
Tot Ion: 79 Resp: 141295

Ion Ratio Lower Upper

79 100

52 84.8 68.3 102.5

51 40.8 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 18.287 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.00 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

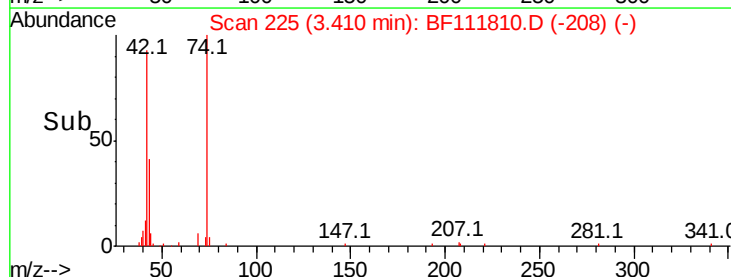
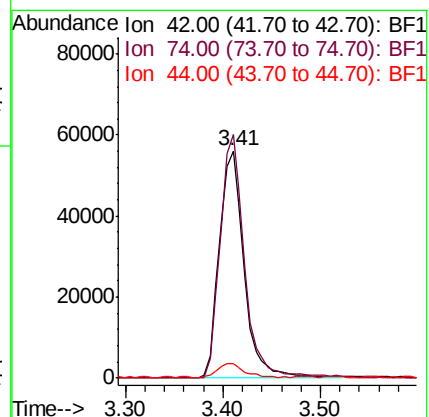
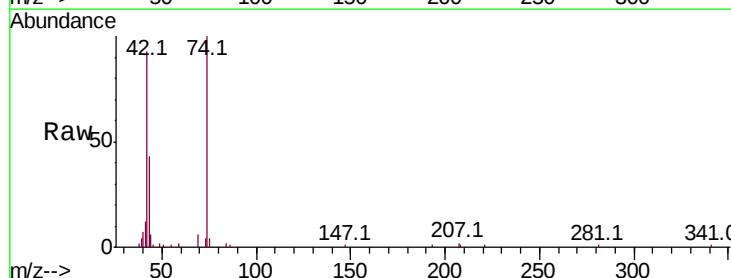
Tgt Ion: 42 Resp: 99541

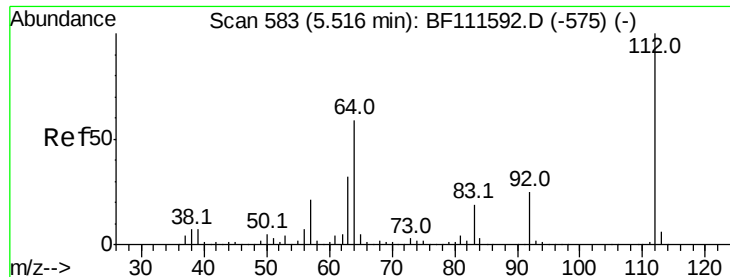
Ion Ratio Lower Upper

42 100

74 107.2 101.5 152.3

44 6.2 6.0 9.0





#5

2-Fluorophenol

Concen: 61.740 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

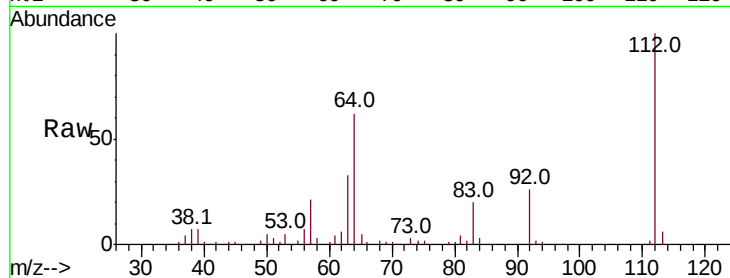
Tot Ion:112 Resp: 560228

Ion Ratio Lower Upper

112 100

64 62.1 51.8 77.6

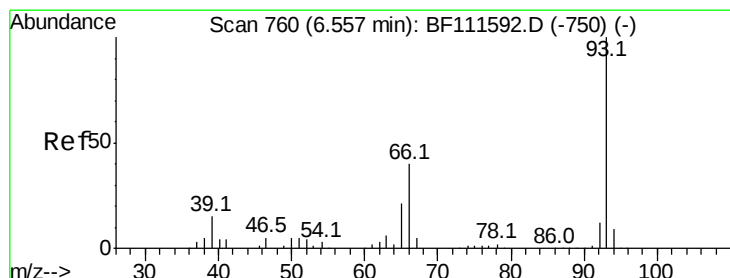
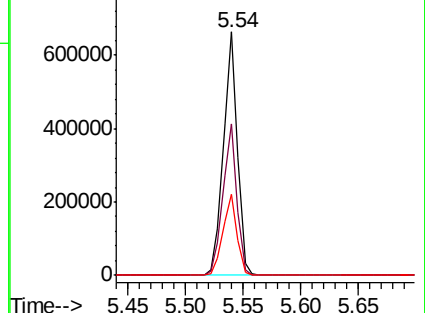
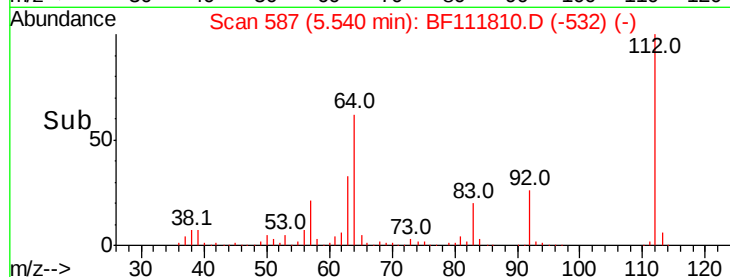
63 33.1 26.8 40.2



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: 25.063 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

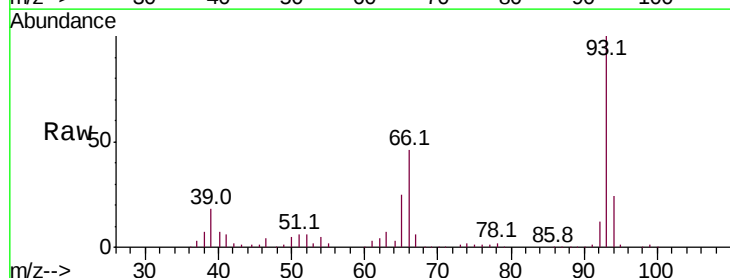
Tgt Ion: 93 Resp: 368926

Ion Ratio Lower Upper

93 100

66 45.8 33.2 49.8

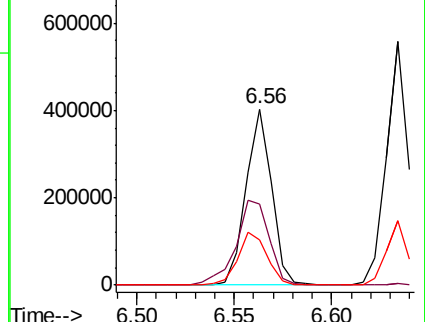
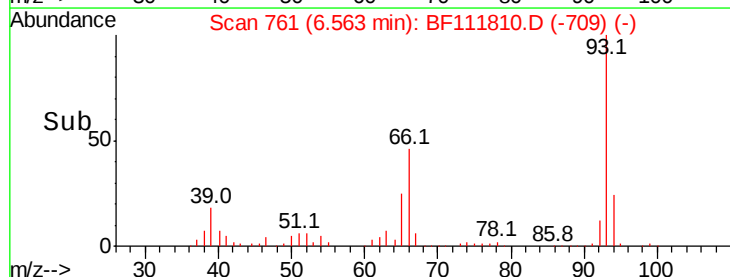
65 25.4 17.0 25.4

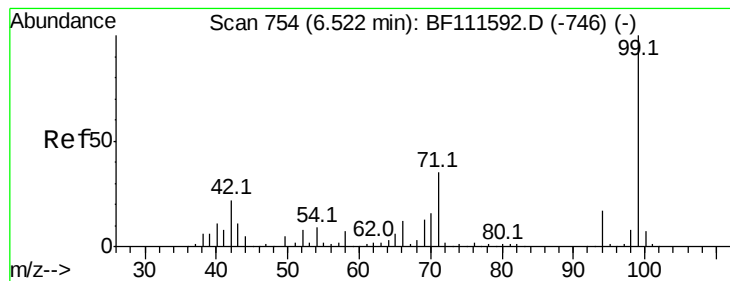


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 38.970 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

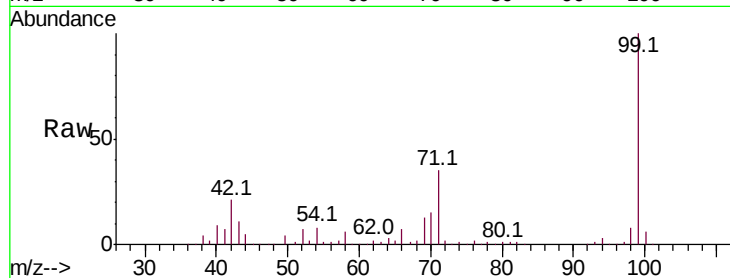
Tot Ion: 99 Resp: 450018

Ion Ratio Lower Upper

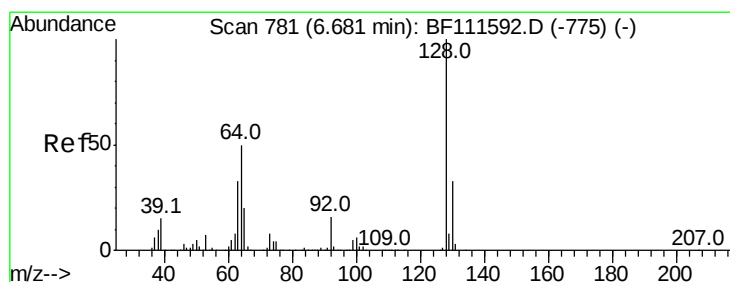
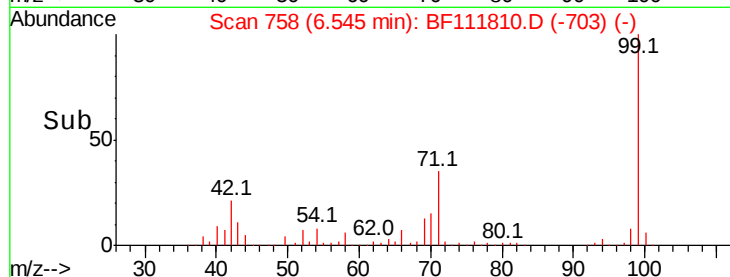
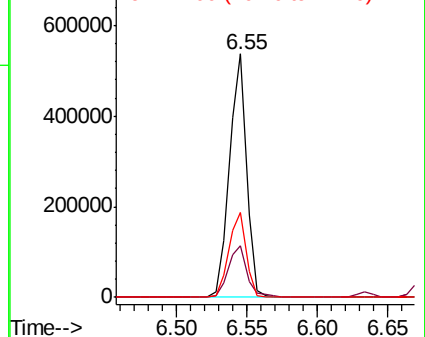
99 100

42 21.4 17.4 26.0

71 34.9 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: 37.114 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

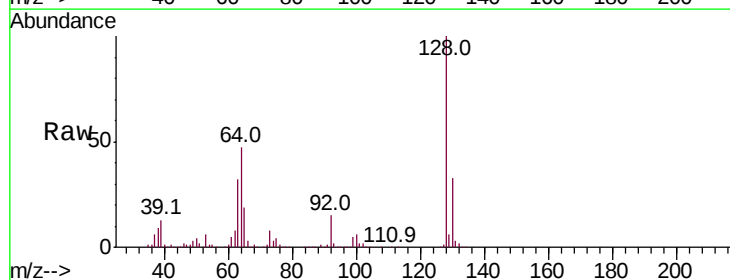
Tgt Ion:128 Resp: 373054

Ion Ratio Lower Upper

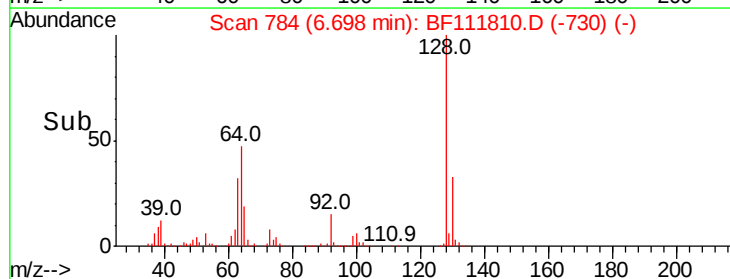
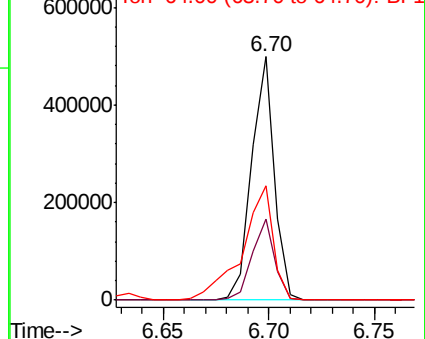
128 100

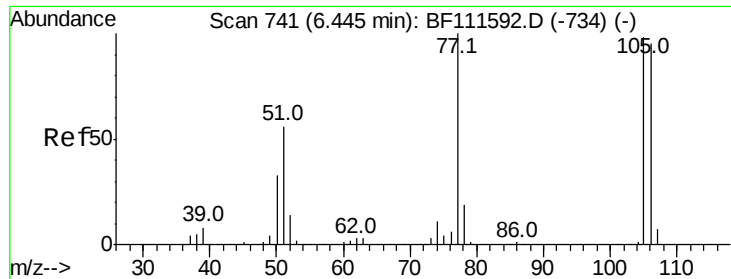
130 33.2 12.7 52.7

64 46.7 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: 28.054 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

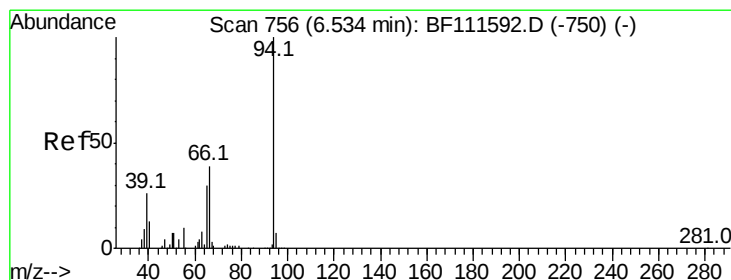
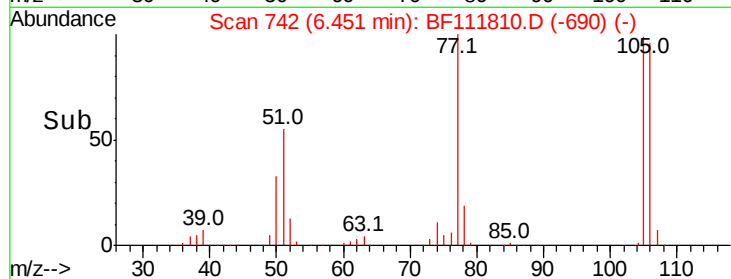
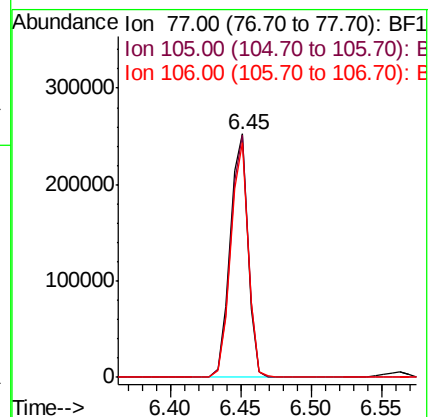
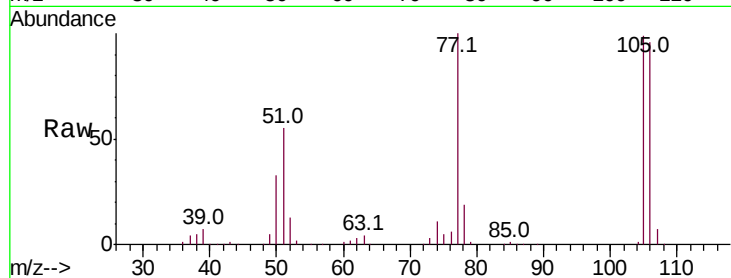
Tot Ion: 77 Resp: 222813

Ion Ratio Lower Upper

77 100

105 99.5 81.4 121.4

106 96.3 77.9 117.9



#10

Phenol

Concen: 13.626 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

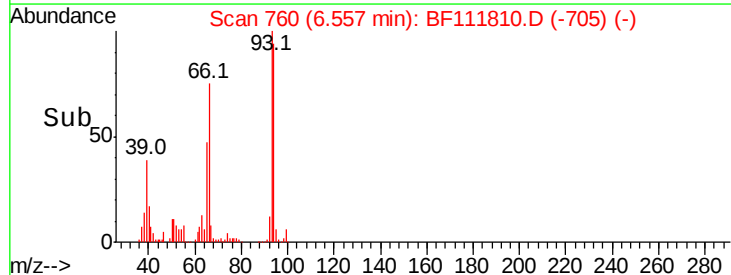
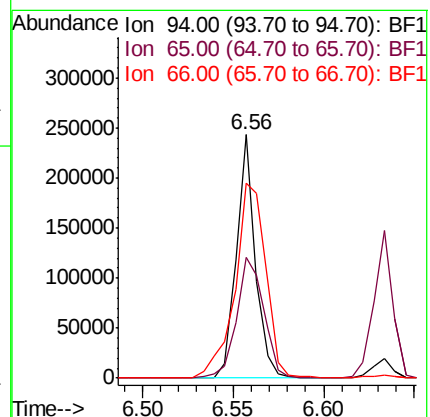
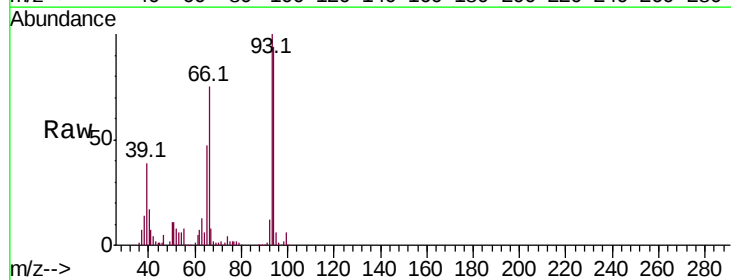
Tgt Ion: 94 Resp: 177545

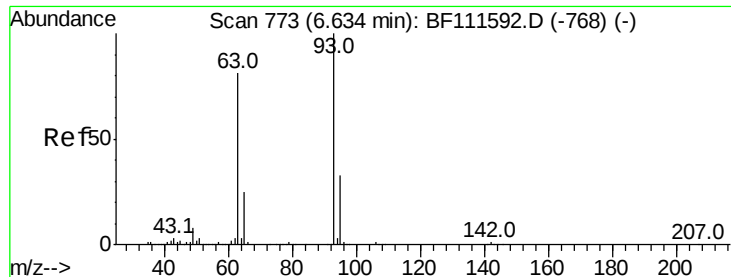
Ion Ratio Lower Upper

94 100

65 49.7 11.7 51.7

66 79.9 21.0 61.0#





#11

bis(2-Chloroethyl)ether

Concen: 43.108 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

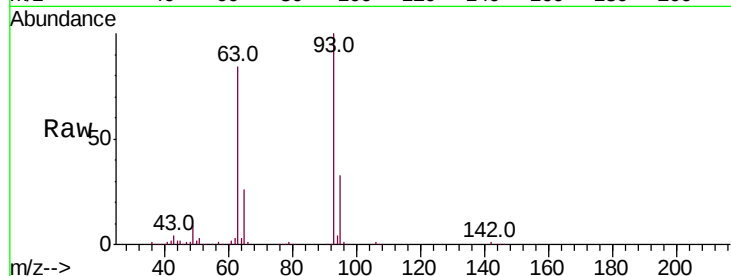
Tot Ion: 93 Resp: 420894

Ion Ratio Lower Upper

93 100

63 83.7 60.0 100.0

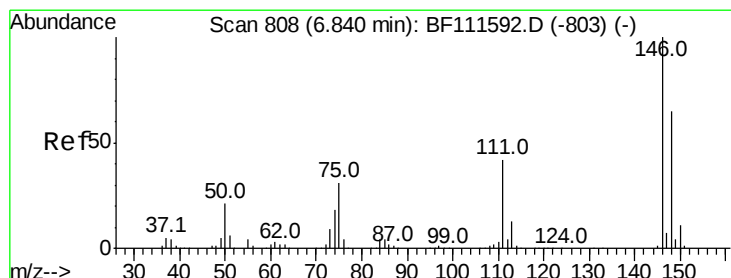
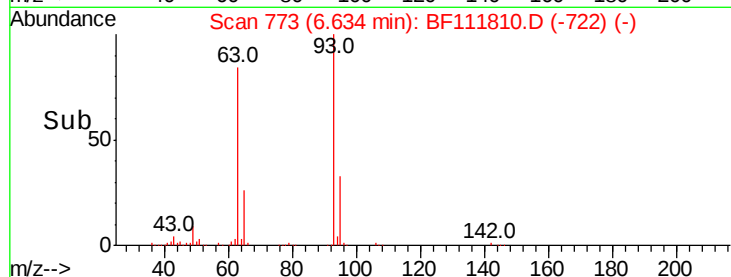
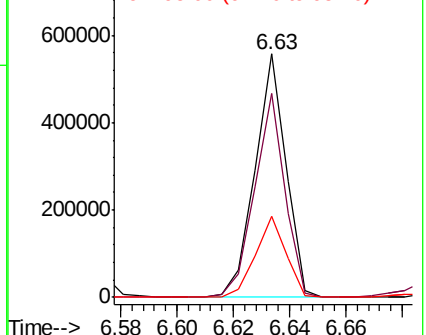
95 33.1 13.4 53.4



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: 36.991 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

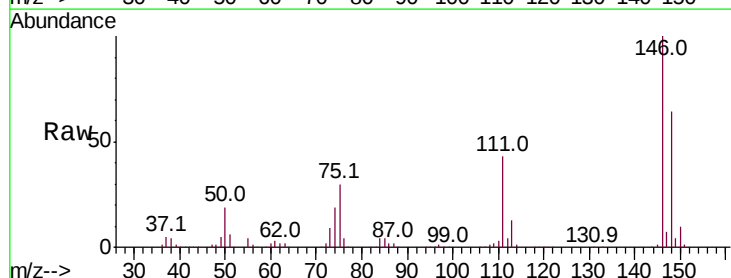
Tgt Ion: 146 Resp: 430901

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

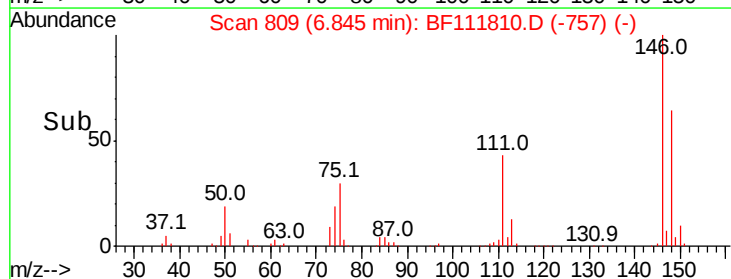
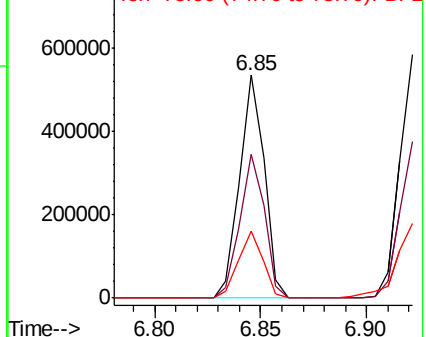
75 30.3 23.9 35.9

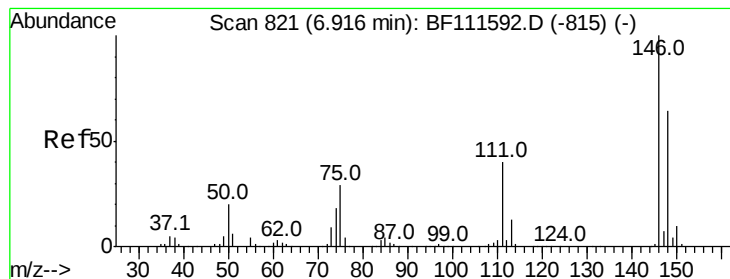


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 37.562 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

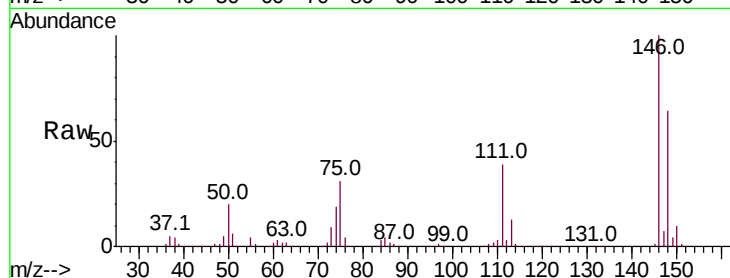
Tot Ion:146 Resp: 443755

Ion Ratio Lower Upper

146 100

148 64.1 52.8 79.2

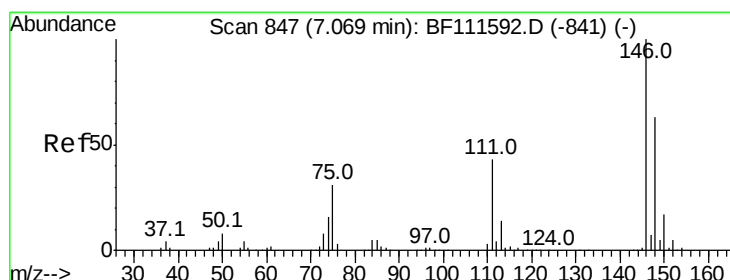
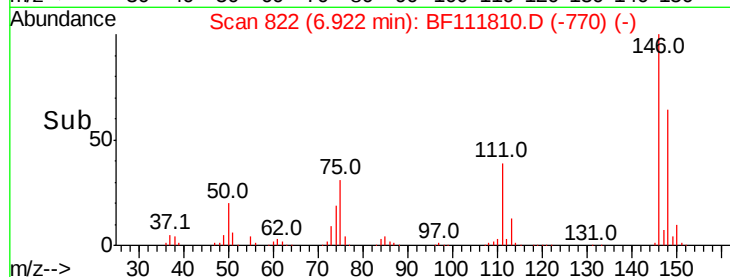
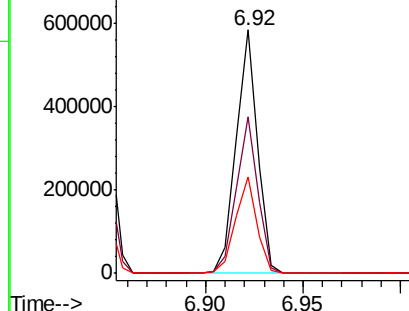
111 39.5 33.4 50.0



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: 38.426 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

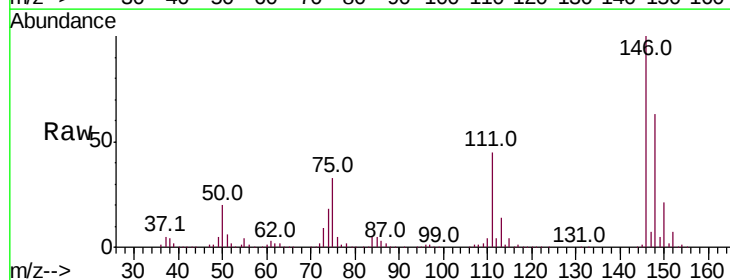
Tgt Ion:146 Resp: 423535

Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

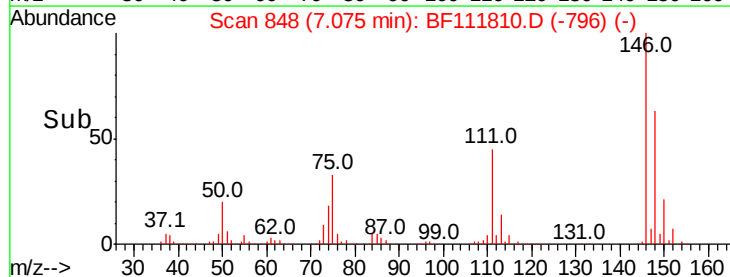
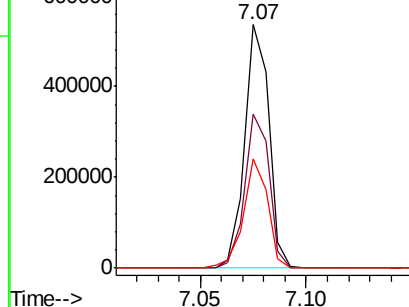
111 45.0 36.2 54.4

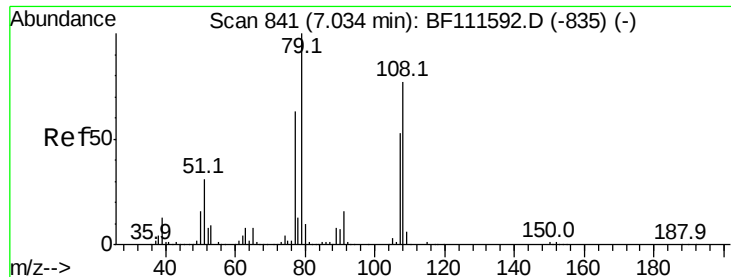


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 28.701 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

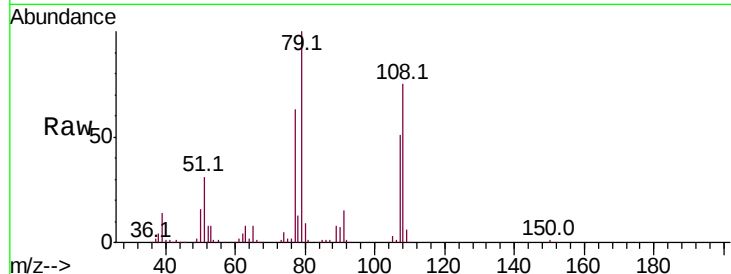
Tot Ion: 79 Resp: 263228

Ion Ratio Lower Upper

79 100

108 75.0 69.4 104.2

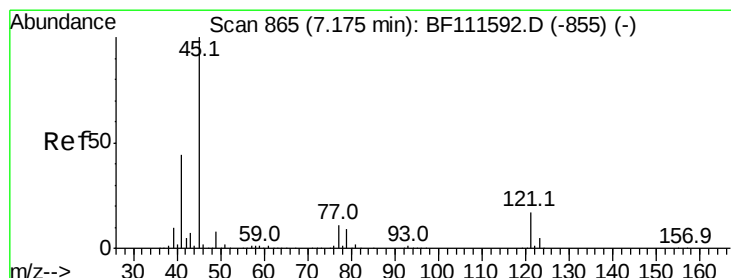
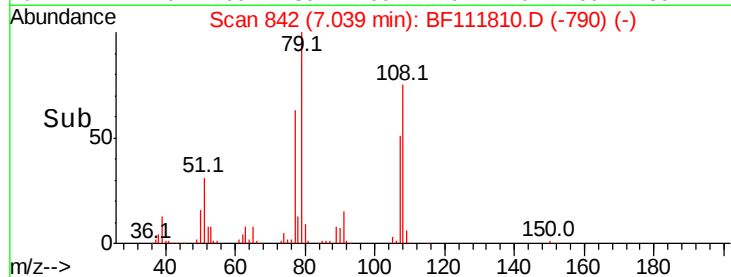
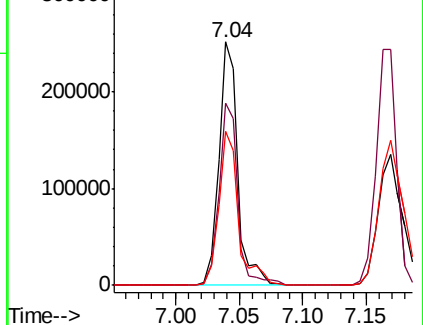
77 63.4 49.7 74.5



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: 39.135 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

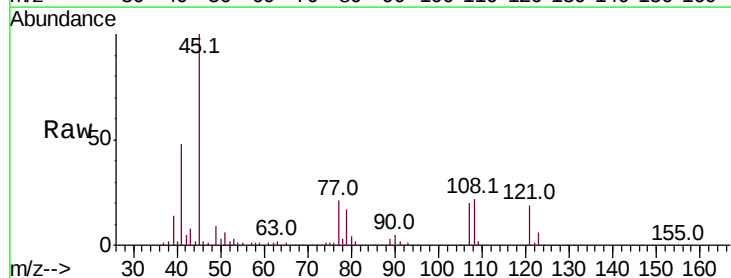
Tgt Ion: 45 Resp: 703732

Ion Ratio Lower Upper

45 100

77 20.7 0.0 31.5

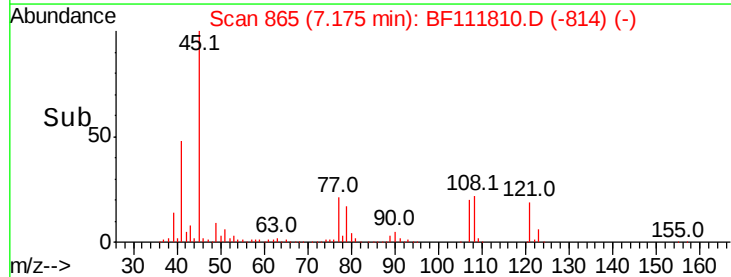
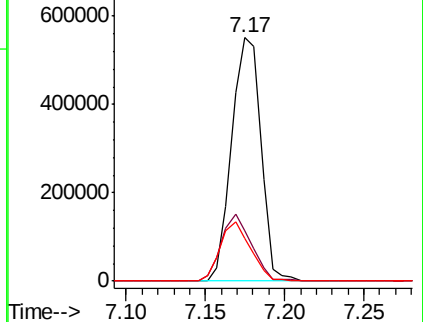
79 17.3 0.0 28.9

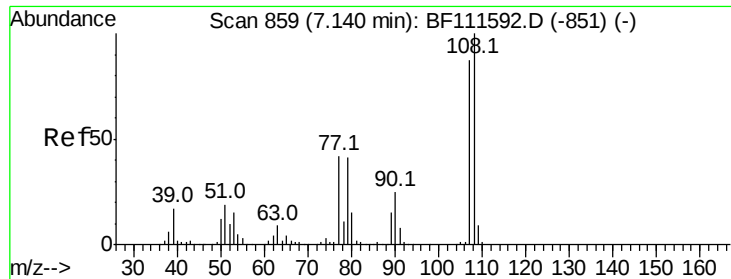


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

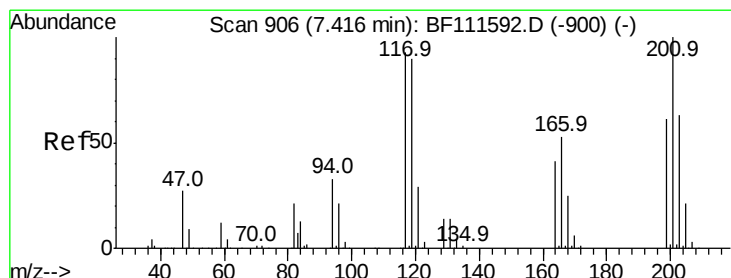
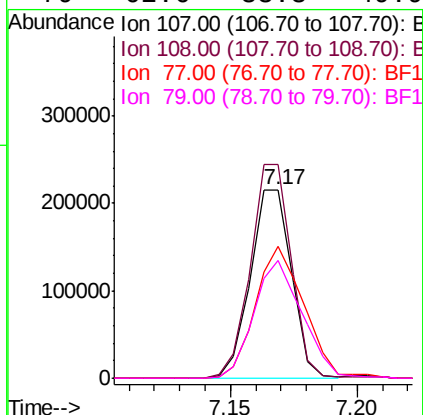
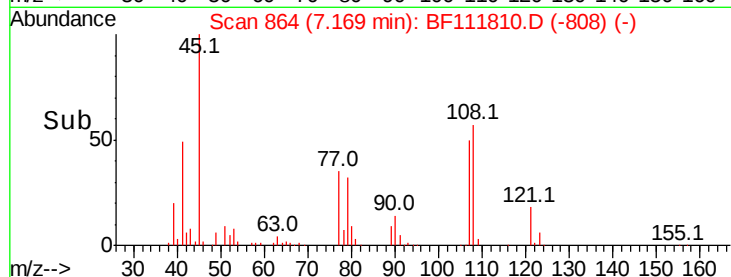
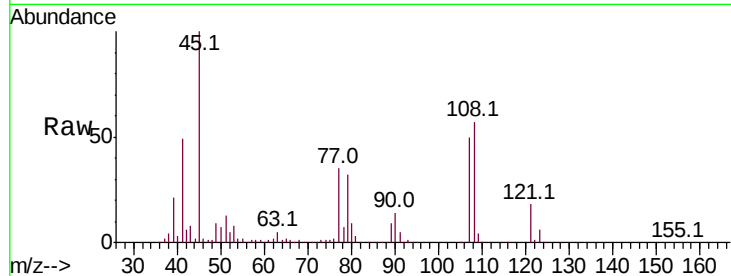




#17
2-Methylphenol
Concen: 30.477 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.03 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

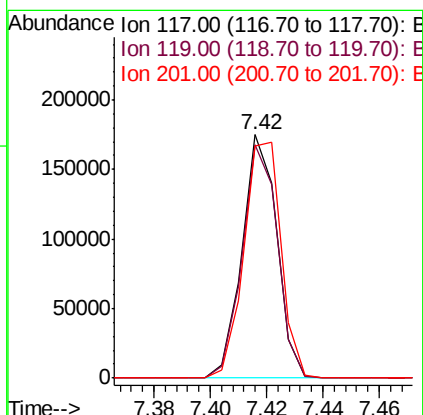
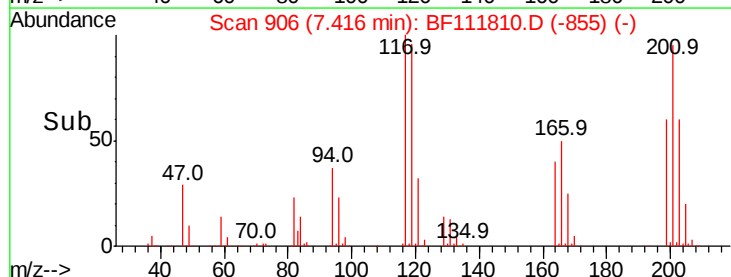
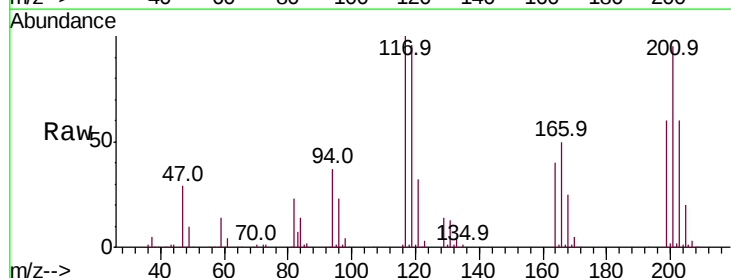
Instrument :
BNA_F
ClientSampleId :
IDOC-01

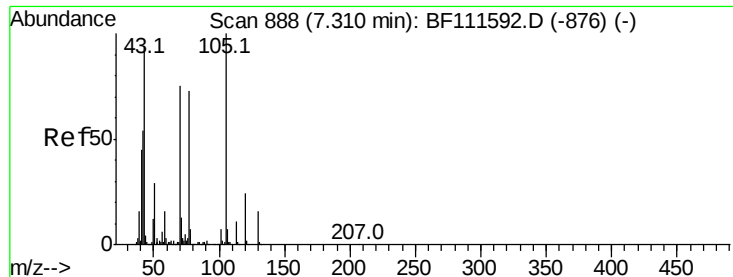
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.0	136.4
77	69.6	33.5	50.3#
79	62.6	33.3	49.9#



#18
Hexachloroethane
Concen: 37.484 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.4	113.0
201	95.2	62.4	93.6#

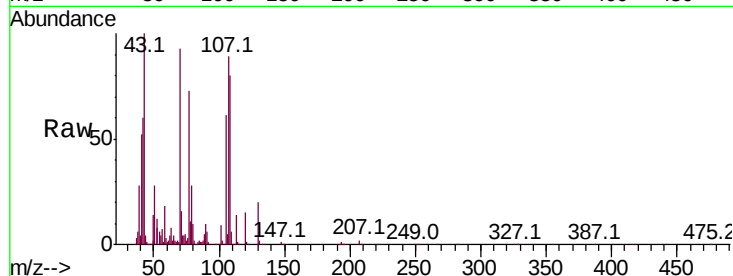




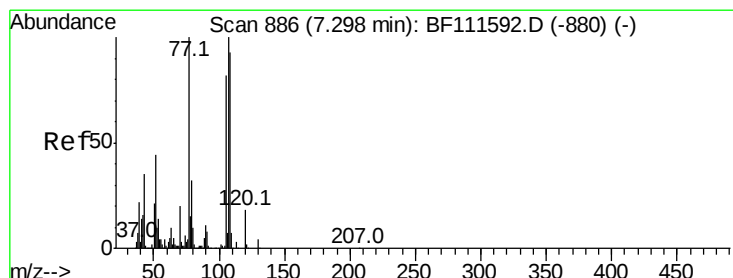
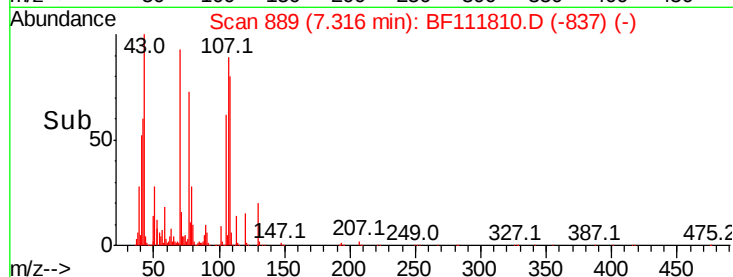
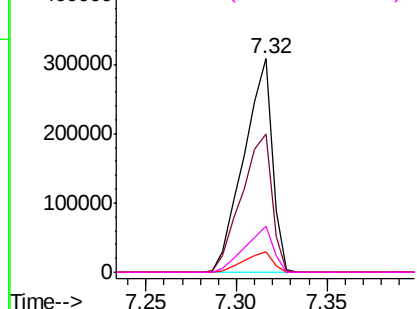
#19
n-Nitroso-di-n-propylamine
Concen: 43.789 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampleId :
IDOC-01

Tot Ion:	70	Resp:	335827
Ion	Ratio	Lower	Upper
70	100		
42	64.5	53.2	79.8
101	9.6	8.2	12.4
130	21.8	18.1	27.1



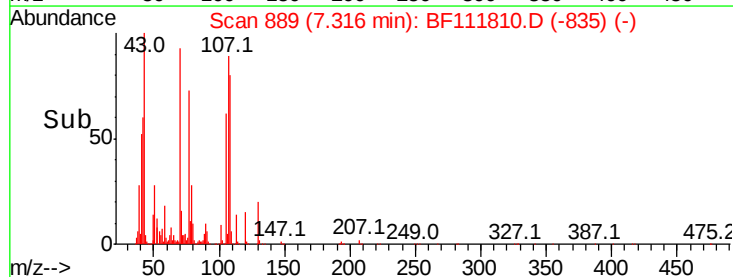
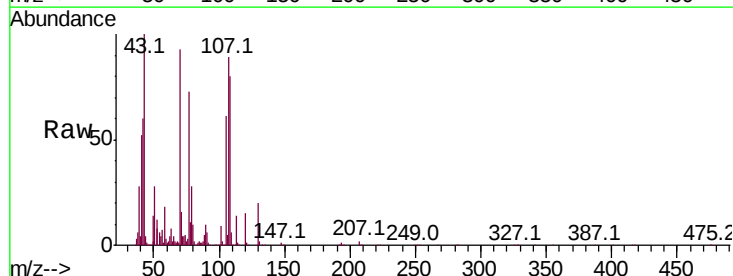
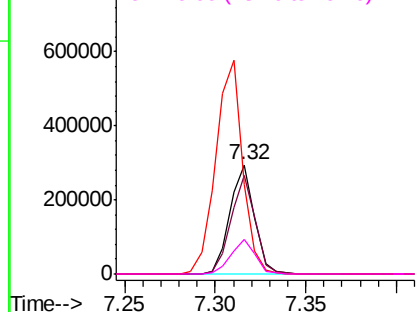
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

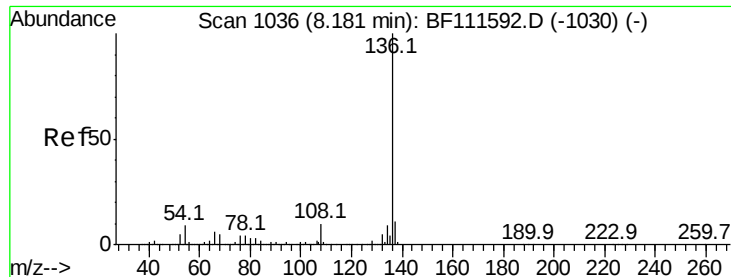


#20
3+4-Methylphenols
Concen: 27.284 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:	107	Resp:	277478
Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.1	112.1
77	81.8	94.1	134.1#
79	31.4	9.8	49.8

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampled :

IDOC-01

Tot Ion:136 Resp: 576021

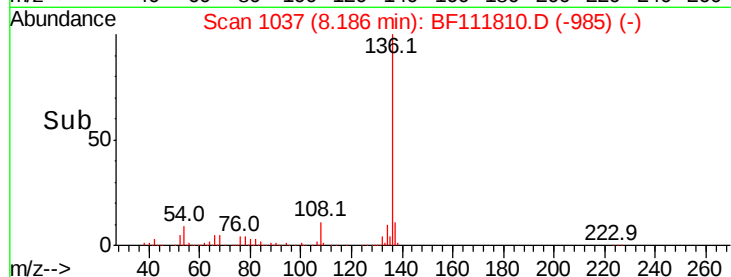
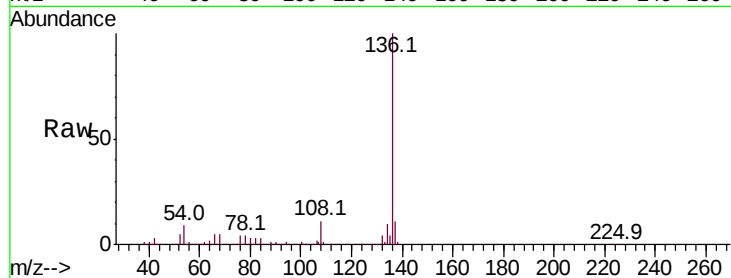
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.7 7.7 11.5

68 5.3 4.9 7.3

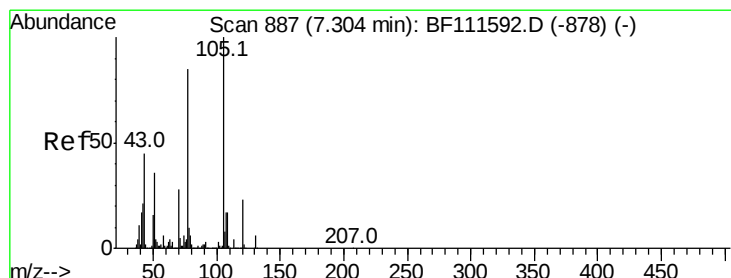
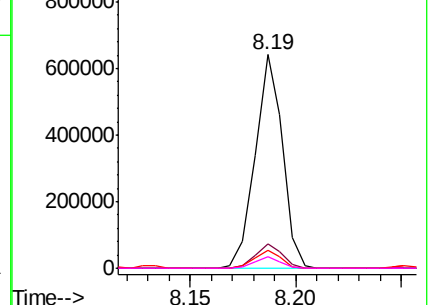


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.889 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Tgt Ion:105 Resp: 640465

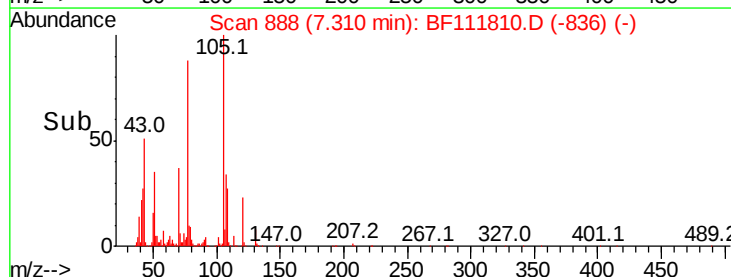
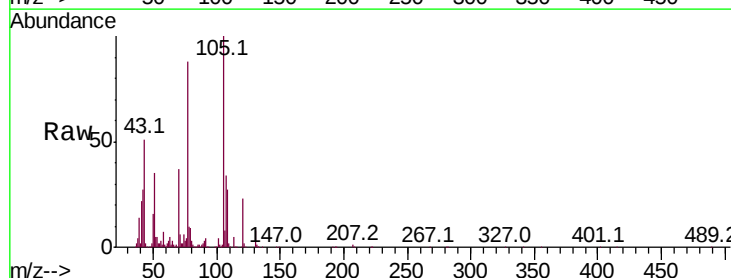
Ion Ratio Lower Upper

105 100

71 6.2 3.1 4.7#

51 34.8 36.6 54.8#

120 23.0 18.2 27.4

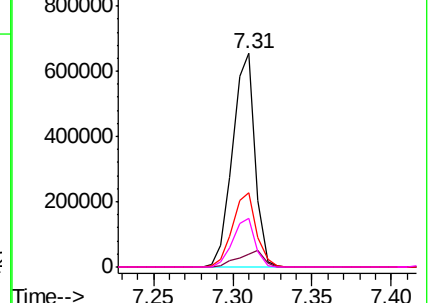


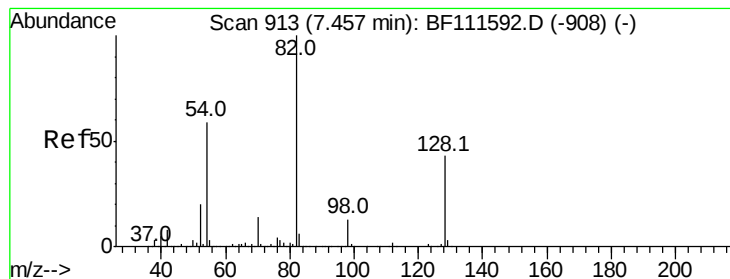
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 102.511 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampled :

IDOC-01

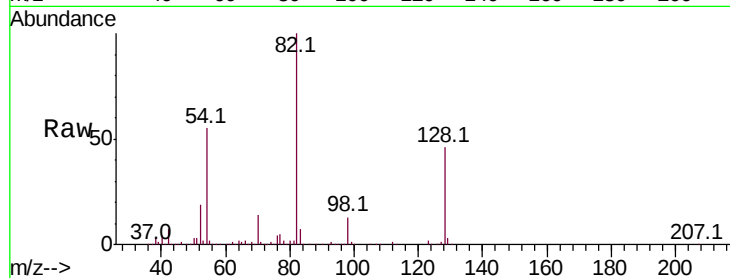
Tot Ion: 82 Resp: 1014448

Ion Ratio Lower Upper

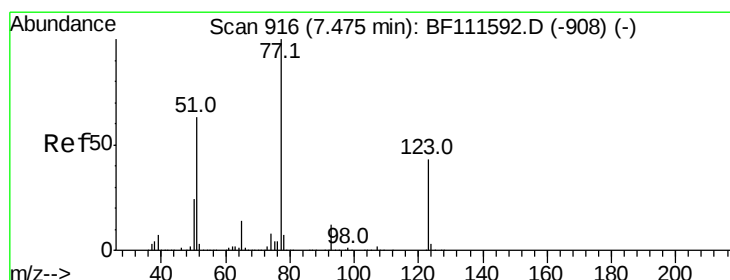
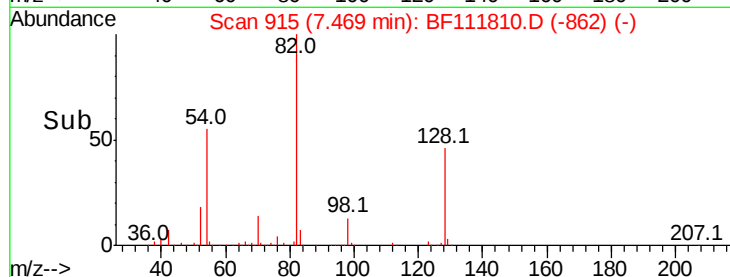
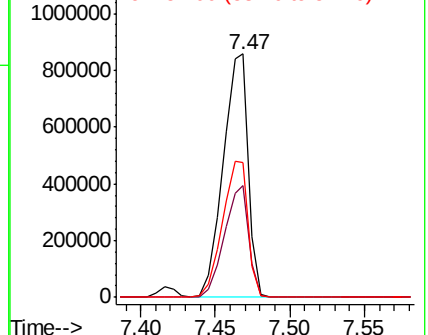
82 100

128 46.0 37.4 56.2

54 55.2 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: 48.087 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

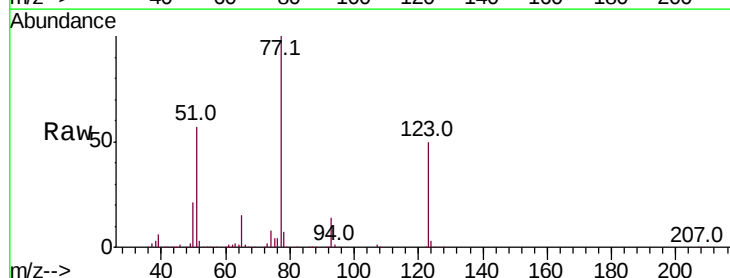
Tgt Ion: 77 Resp: 498749

Ion Ratio Lower Upper

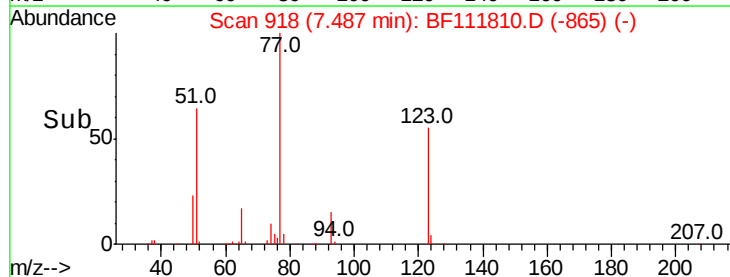
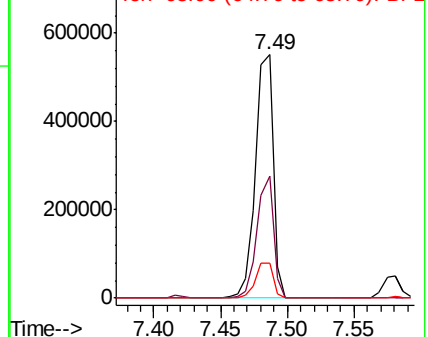
77 100

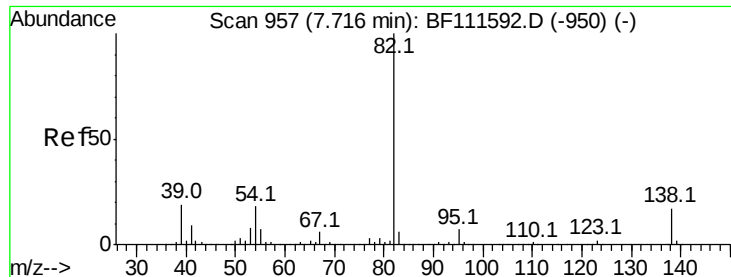
123 49.9 37.2 55.8

65 14.5 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: 50.828 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

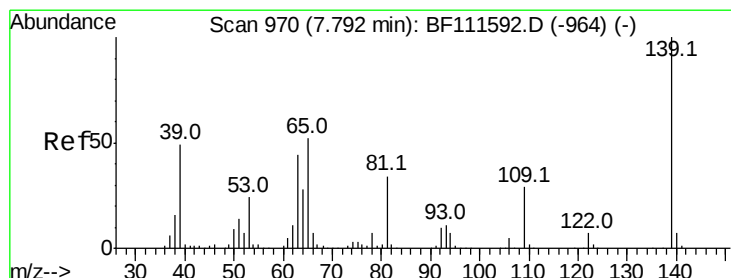
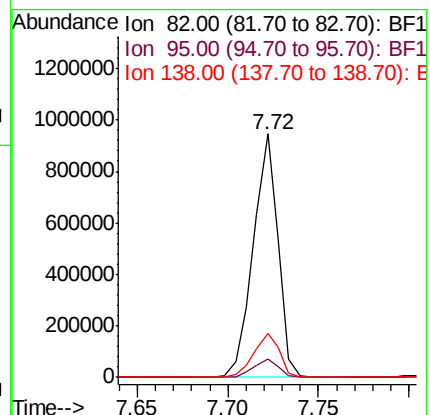
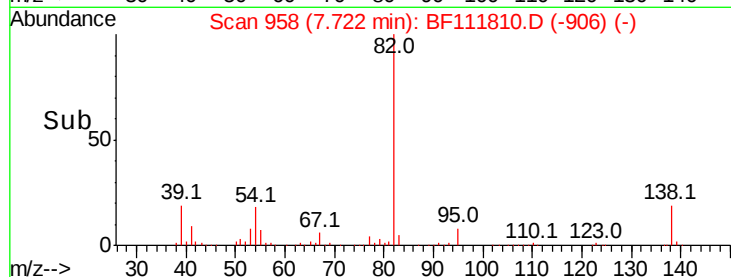
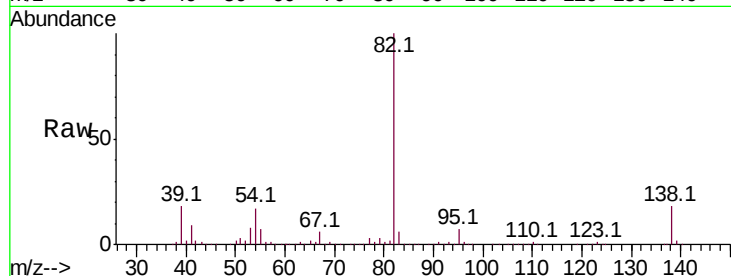
Tot Ion: 82 Resp: 892949

Ion Ratio Lower Upper

82 100

95 7.5 5.4 8.2

138 17.8 15.1 22.7



#26

2-Nitrophenol

Concen: 57.199 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

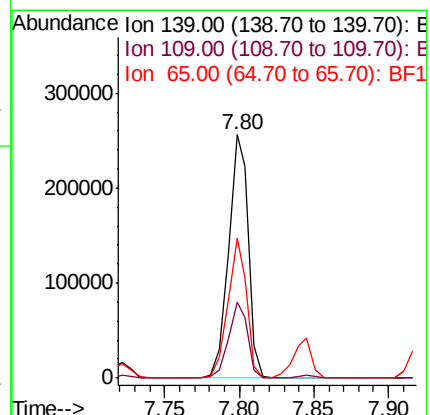
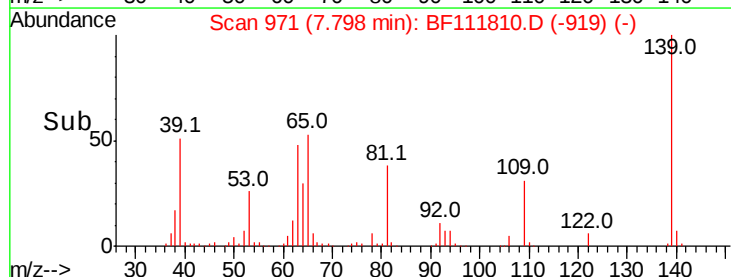
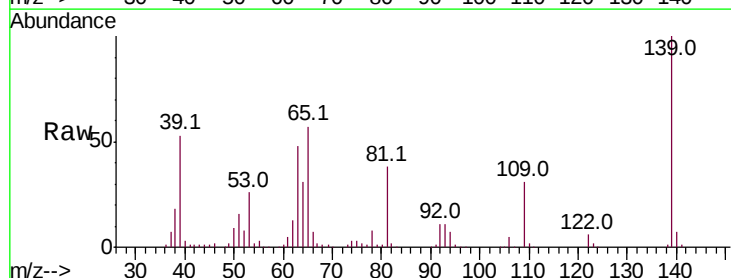
Tgt Ion:139 Resp: 240607

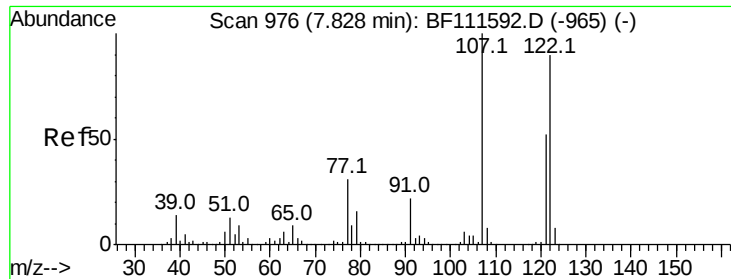
Ion Ratio Lower Upper

139 100

109 31.3 20.2 30.4#

65 57.2 40.7 61.1

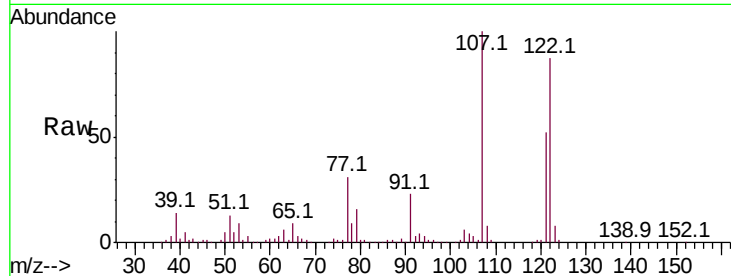




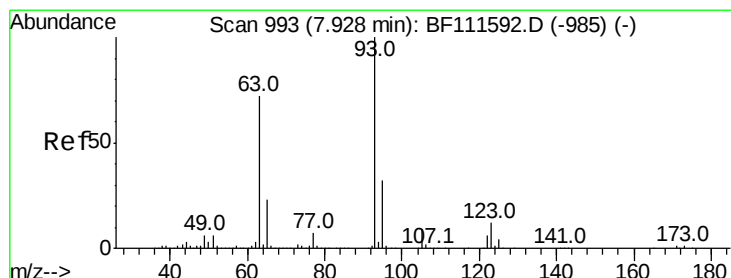
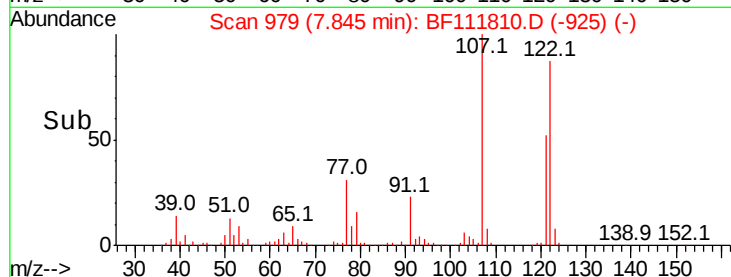
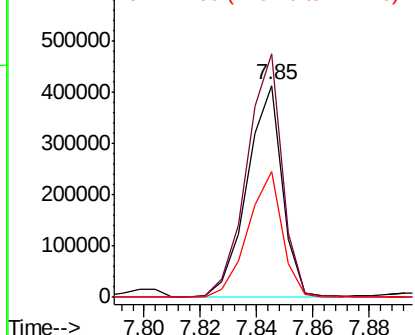
#27
 2,4-Dimethylphenol
 Concen: 43.132 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.02 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01

Tot Ion:122 Resp: 357655
 Ion Ratio Lower Upper
 122 100
 107 114.9 85.5 128.3
 121 59.7 46.6 70.0

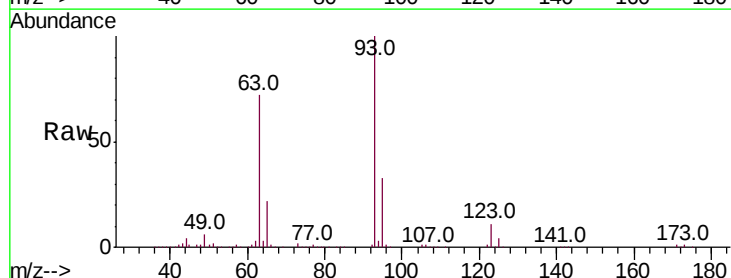


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

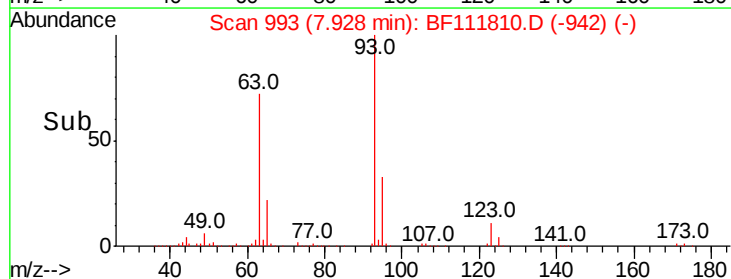
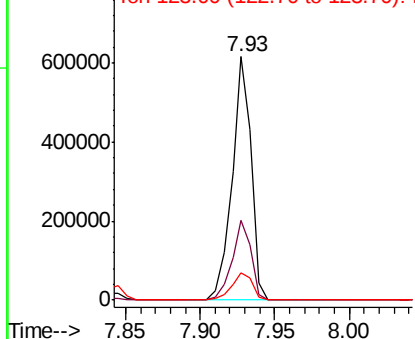


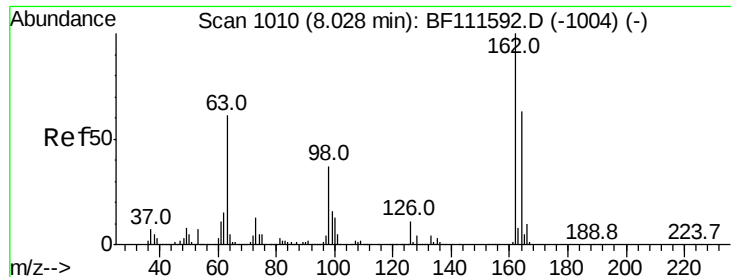
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.307 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion: 93 Resp: 553046
 Ion Ratio Lower Upper
 93 100
 95 32.8 27.1 40.7
 123 11.4 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

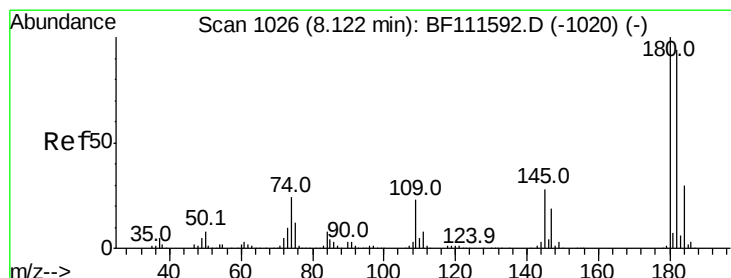
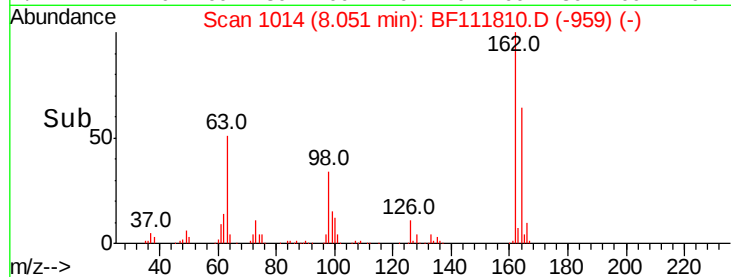
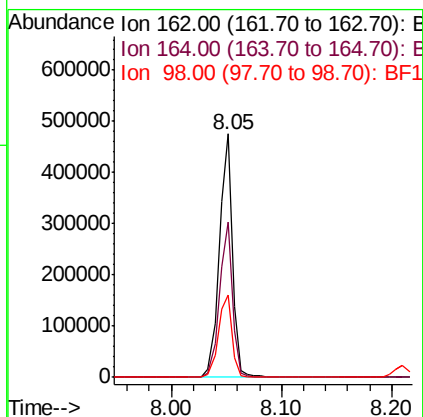
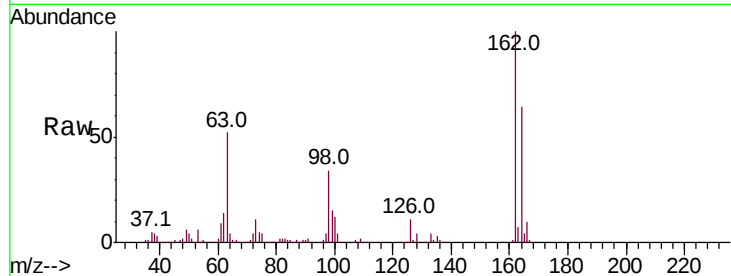




#29
 2,4-Dichlorophenol
 Concen: 44.044 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.02 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

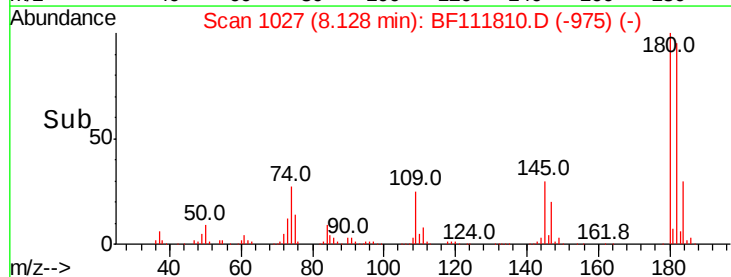
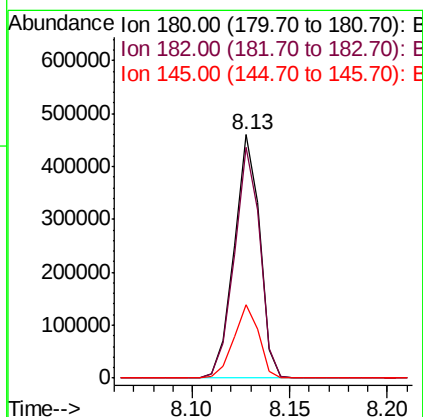
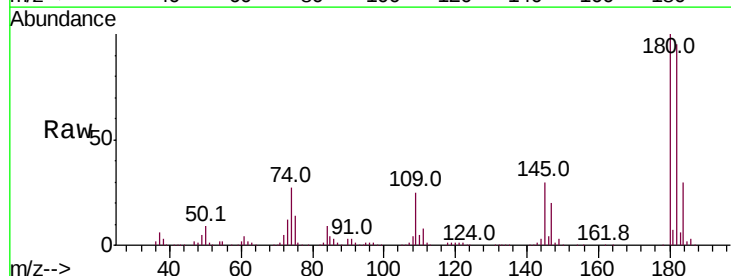
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01

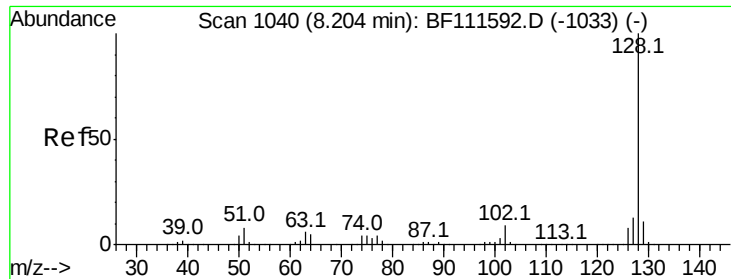
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.4	84.4
98	34.0	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.918 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.6	113.4
145	30.2	26.7	40.1





#31

Naphthalene

Concen: 46.655 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

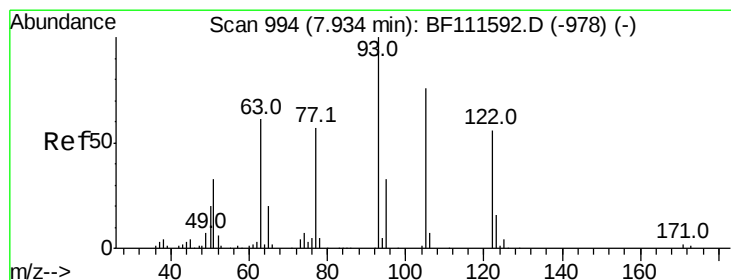
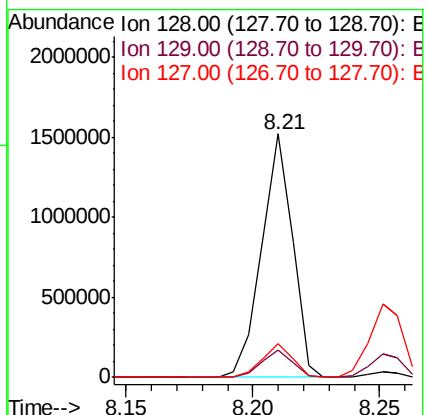
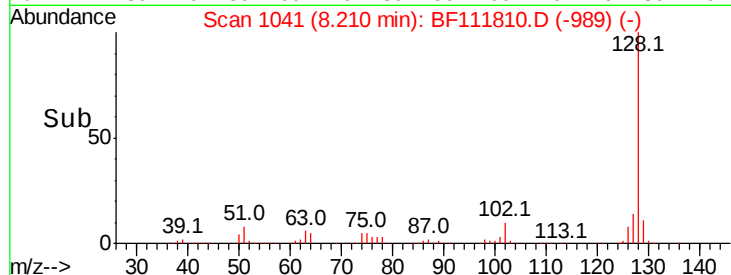
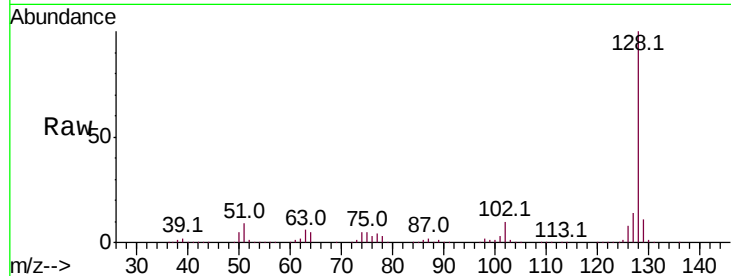
Tot Ion:128 Resp: 1291275

Ion Ratio Lower Upper

128 100

129 11.3 9.8 14.8

127 13.7 12.0 18.0



#32

Benzoic acid

Concen: 7.975 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

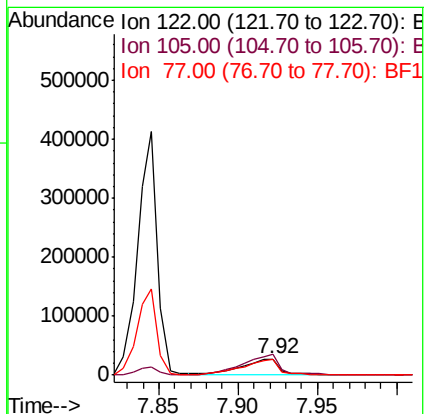
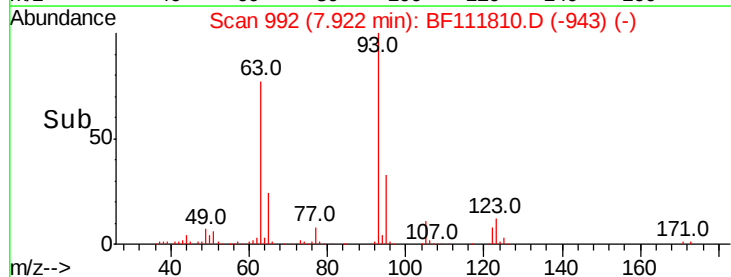
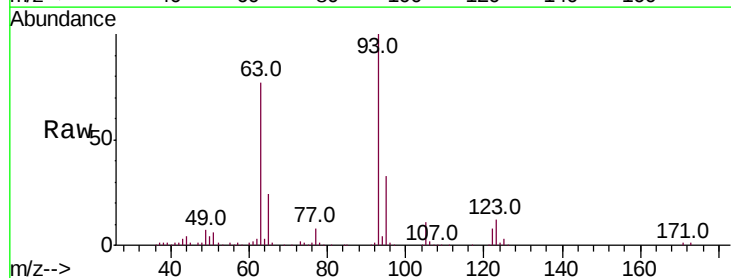
Tgt Ion:122 Resp: 43723

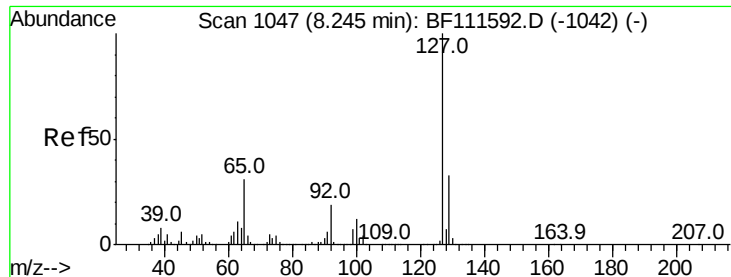
Ion Ratio Lower Upper

122 100

105 130.3 97.0 137.0

77 95.8 65.7 105.7

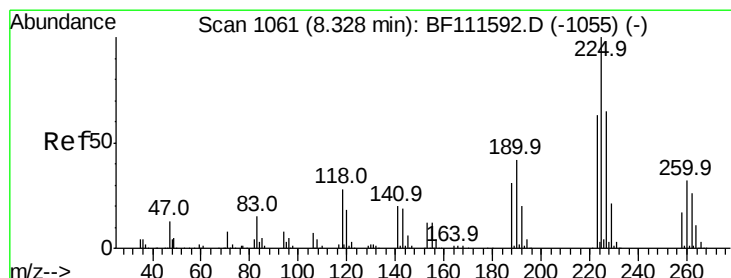
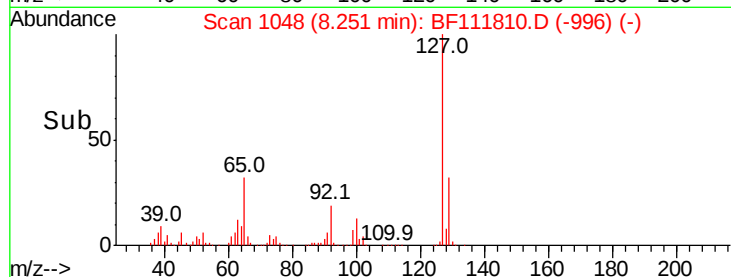
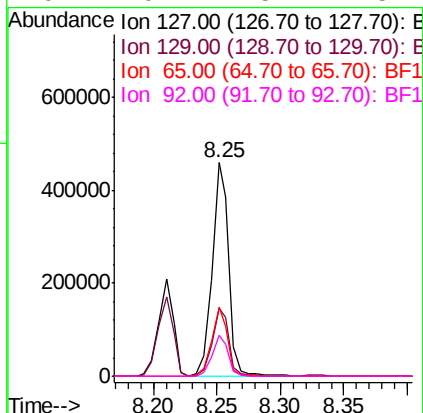
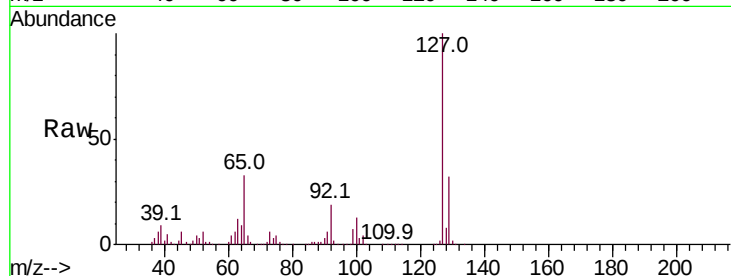




#33
4-Chloroaniline
Concen: 35.422 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

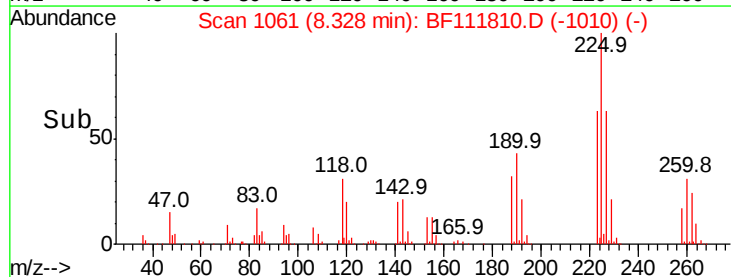
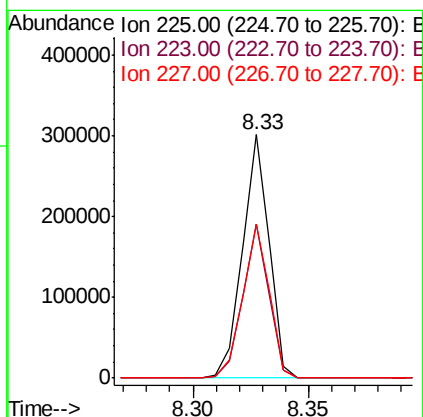
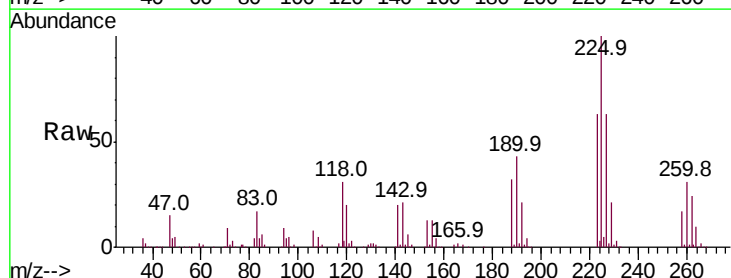
Instrument :
BNA_F
ClientSampleId :
IDOC-01

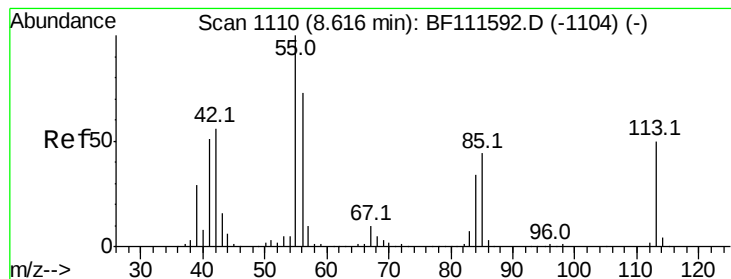
Tot Ion:	127	Resp:	423734
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	32.6	25.7	38.5
92	19.2	15.4	23.2



#34
Hexachlorobutadiene
Concen: 39.886 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:	225	Resp:	241607
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	63.4	52.6	78.8





#35

Caprolactam

Concen: 6.074 ng

RT: 8.62 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

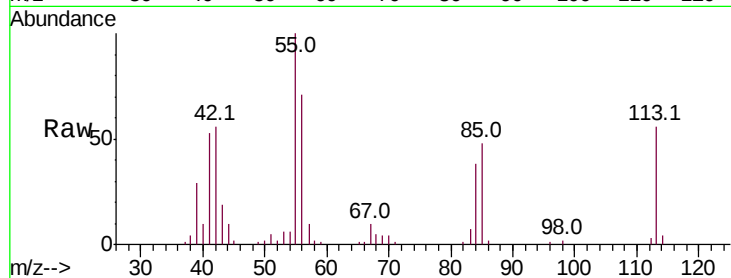
Tot Ion:113 Resp: 18358

Ion Ratio Lower Upper

113 100

55 179.2 184.1 224.1#

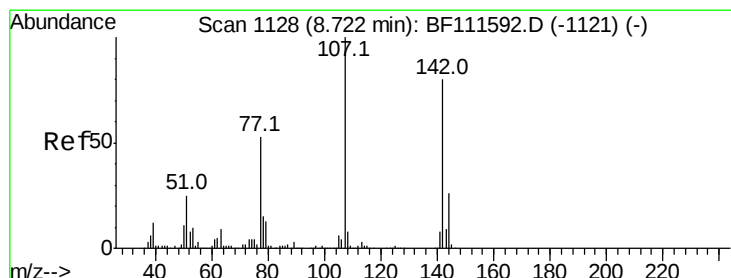
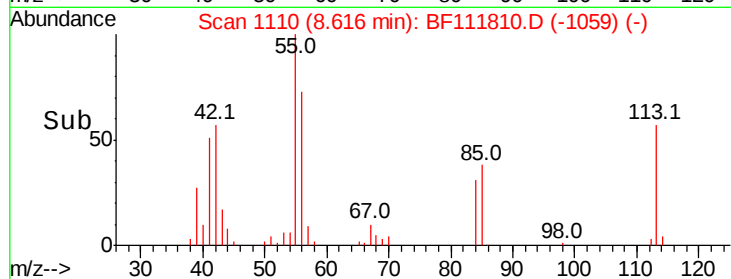
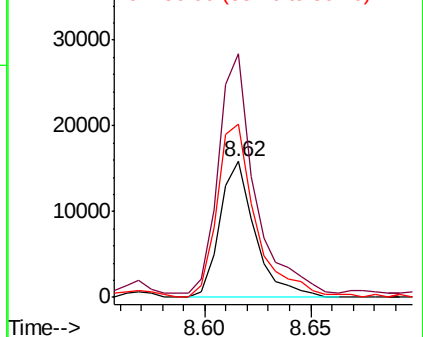
56 127.7 126.0 166.0



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: 42.562 ng

RT: 8.74 min Scan# 1131

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

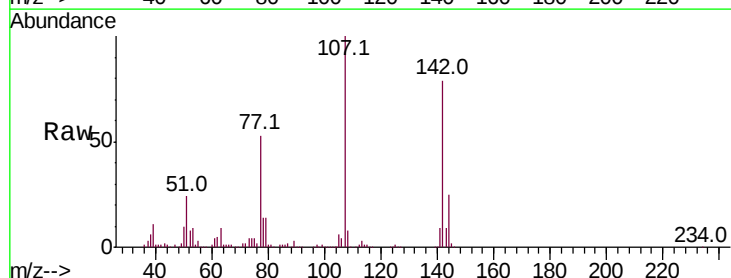
Tgt Ion:107 Resp: 373151

Ion Ratio Lower Upper

107 100

144 25.0 19.8 29.6

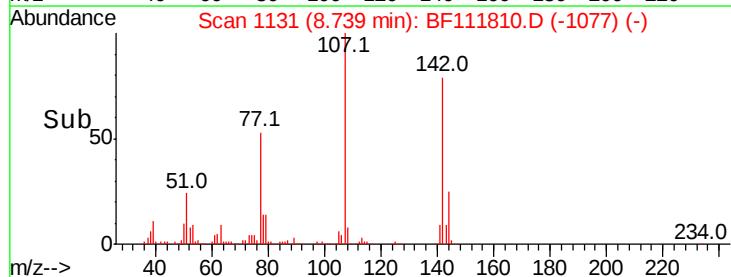
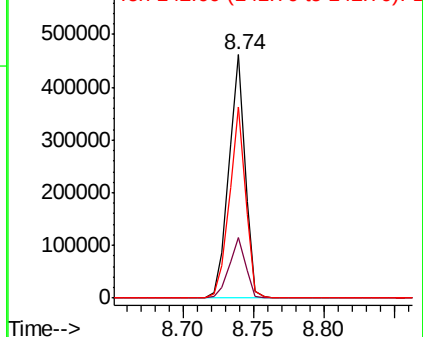
142 78.7 62.3 93.5

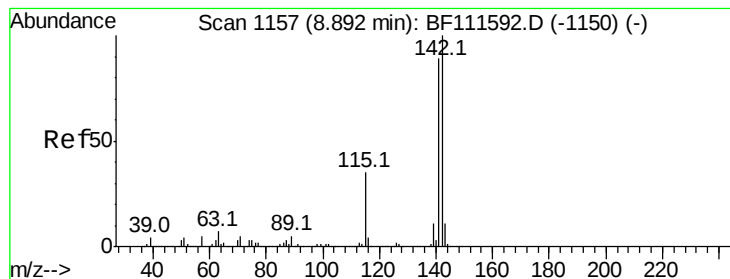


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.027 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

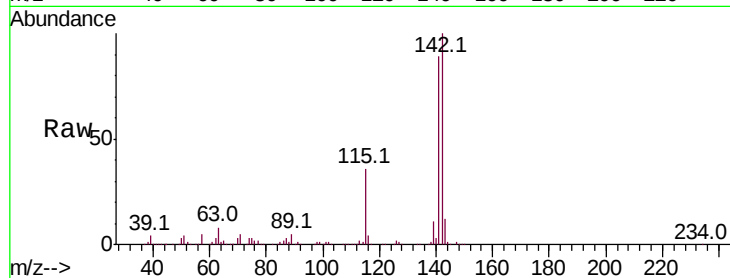
Tot Ion:142 Resp: 918839

Ion Ratio Lower Upper

142 100

141 88.9 70.6 105.8

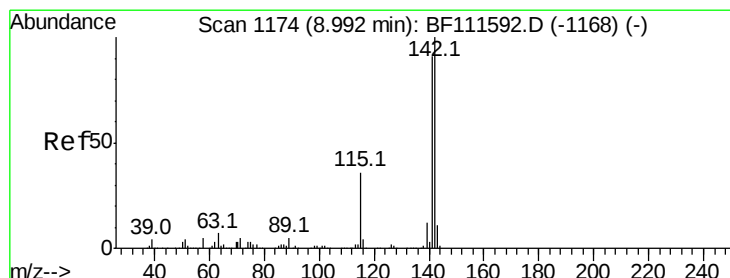
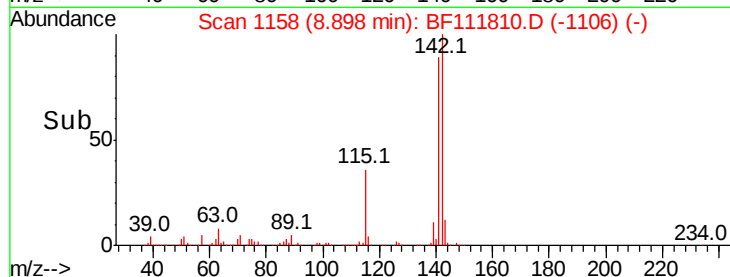
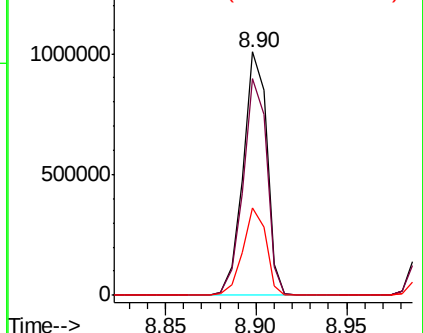
115 36.1 27.0 40.6



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: 50.225 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

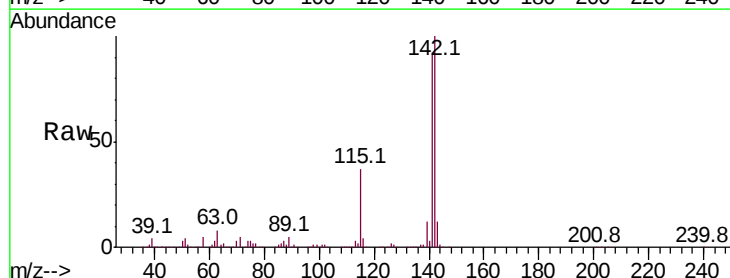
Tgt Ion:142 Resp: 868590

Ion Ratio Lower Upper

142 100

141 92.2 74.2 111.4

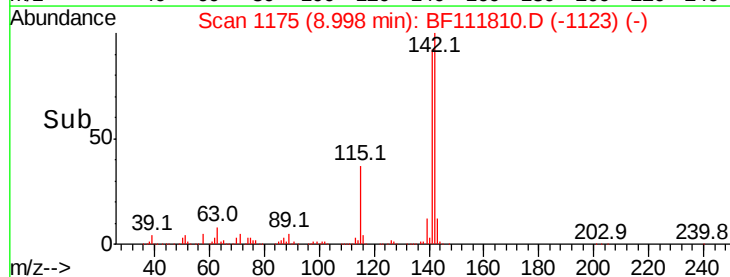
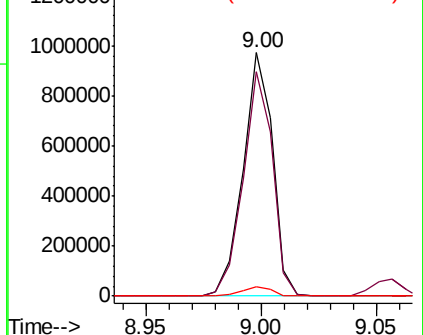
116 3.9 2.9 4.3

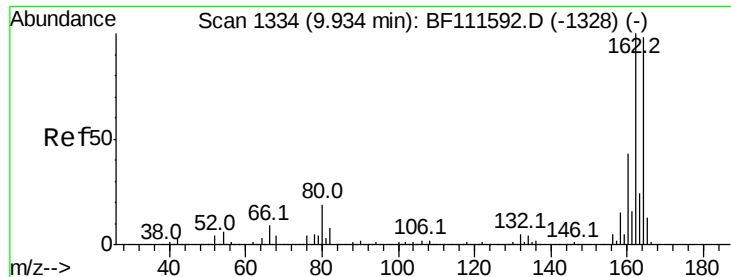


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

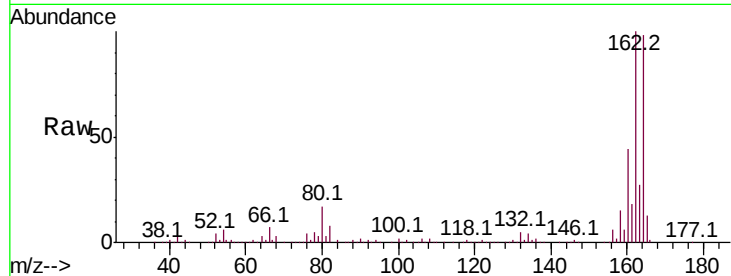




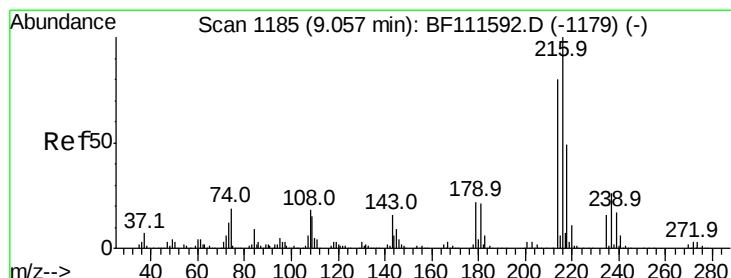
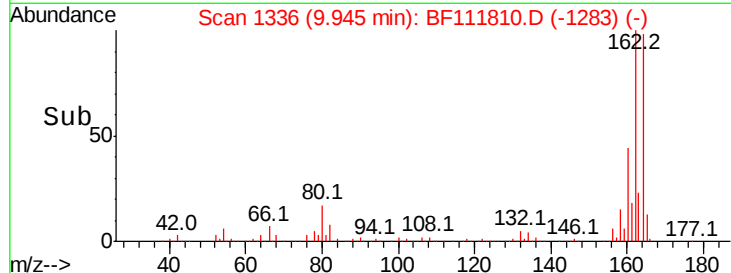
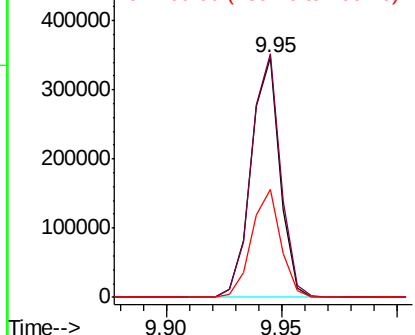
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampleId :
IDOC-01

Tot Ion:164 Resp: 302825
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 45.0 35.7 53.5

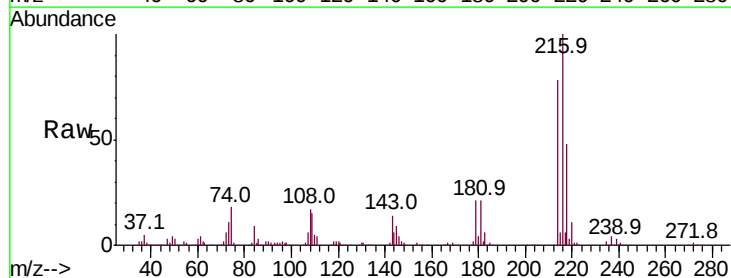


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

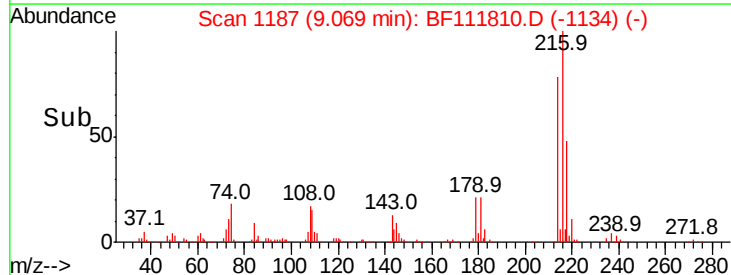
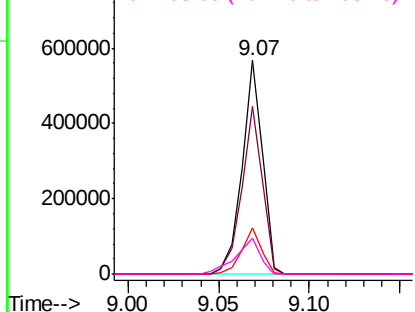


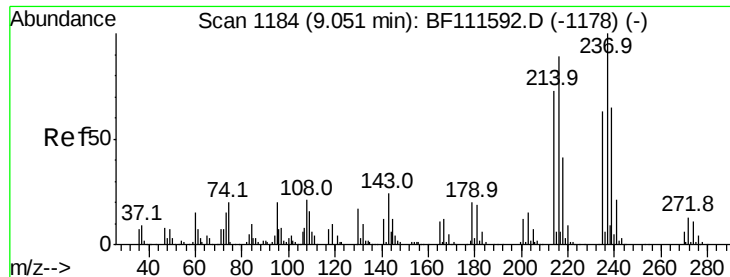
#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.412 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:216 Resp: 441938
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.8
179 21.1 17.9 26.9
108 20.5 18.4 27.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 115.441 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

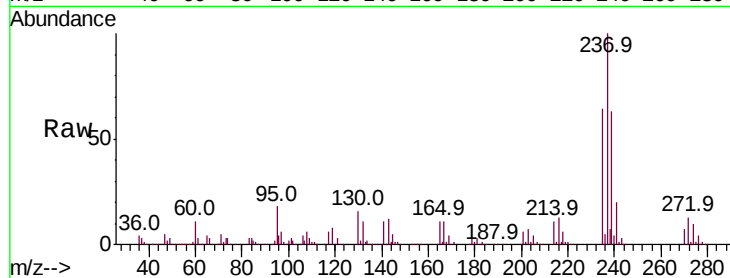
Tot Ion:237 Resp: 557438

Ion Ratio Lower Upper

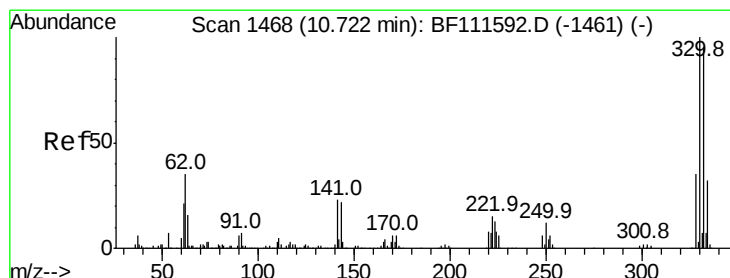
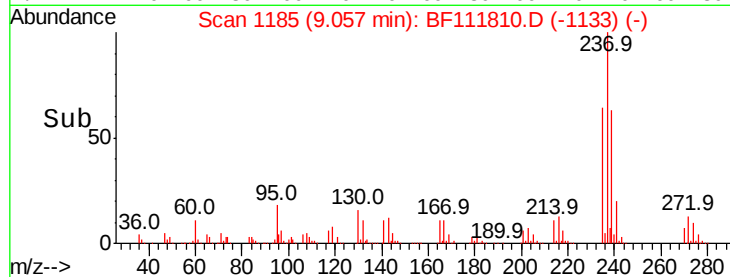
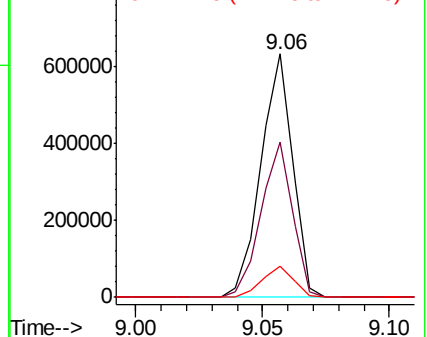
237 100

235 64.0 43.1 83.1

272 13.0 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: 150.080 ng

RT: 10.74 min Scan# 1471

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

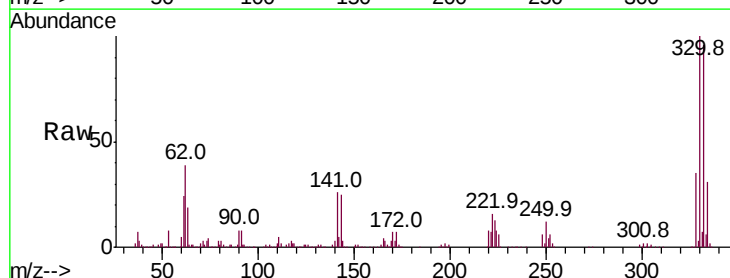
Tgt Ion:330 Resp: 537003

Ion Ratio Lower Upper

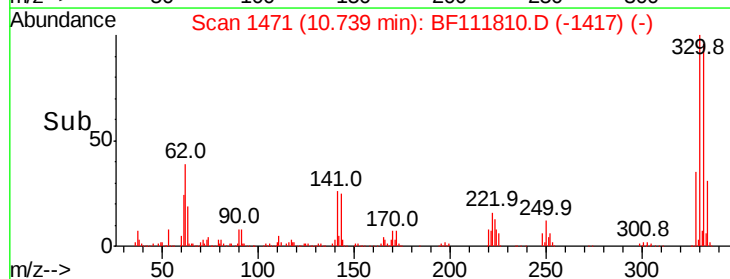
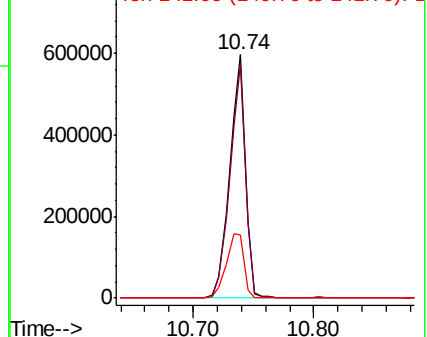
330 100

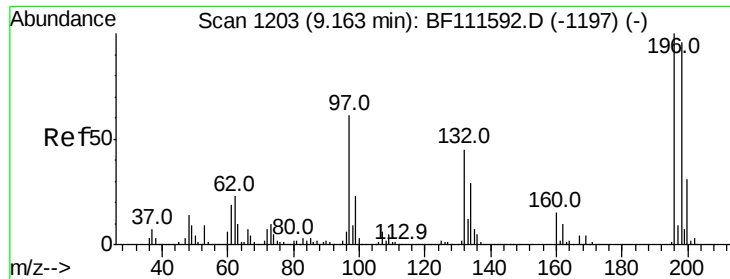
332 95.8 76.0 114.0

141 29.7 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

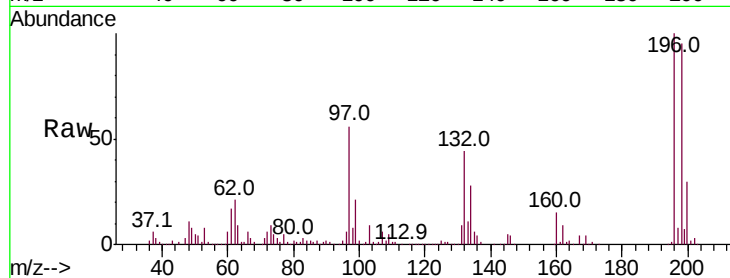




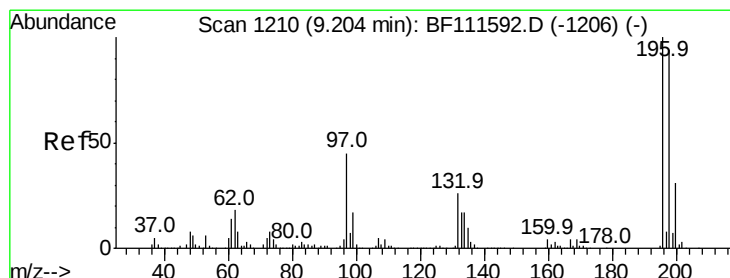
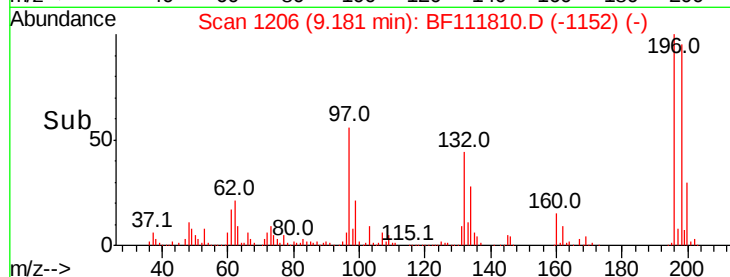
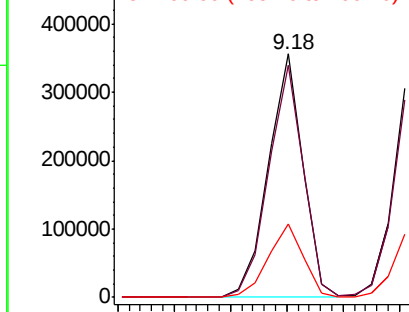
#43
 2,4,6-Trichlorophenol
 Concen: 45.430 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Instrument :
 BNA_F
 ClientSampleID :
 IDOC-01

Tot Ion:196 Resp: 301824
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.3 114.5
 200 30.3 24.9 37.3

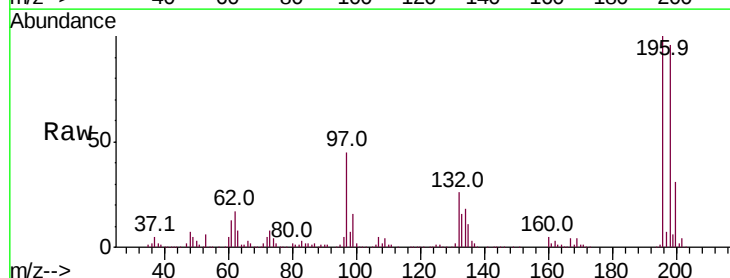


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

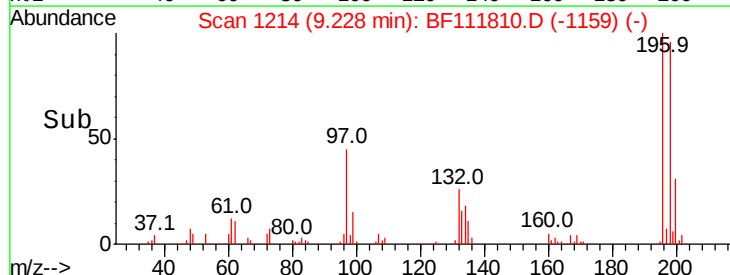
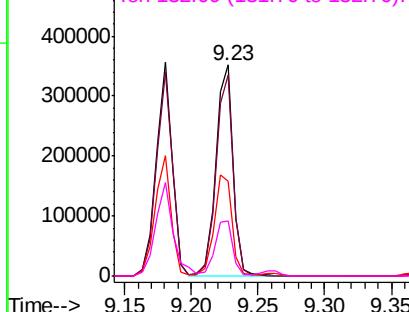


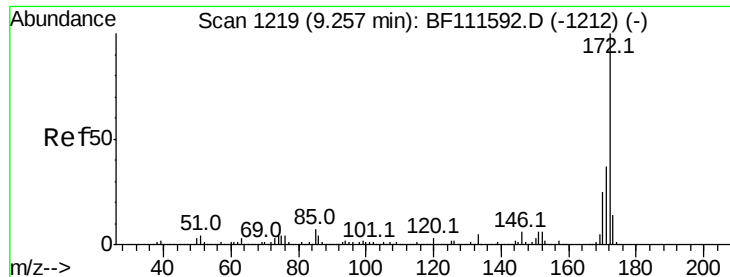
#44
 2,4,5-Trichlorophenol
 Concen: 46.962 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion:196 Resp: 320077
 Ion Ratio Lower Upper
 196 100
 198 95.6 72.9 109.3
 97 45.0 45.3 67.9#
 132 26.0 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

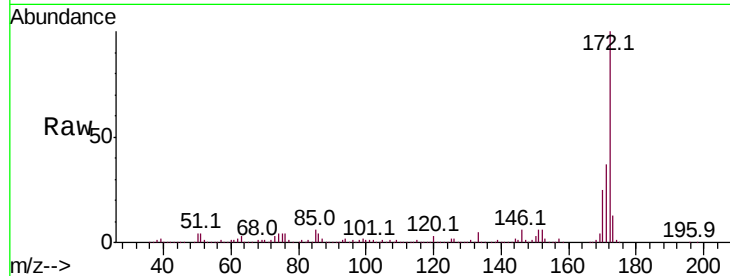




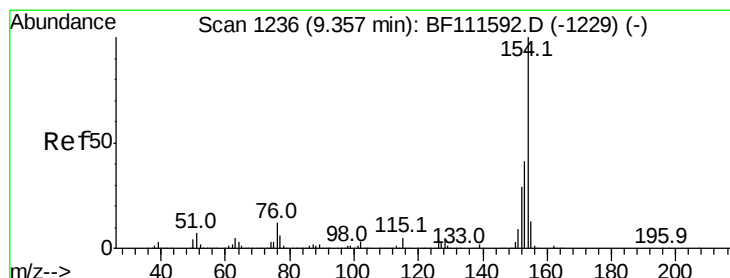
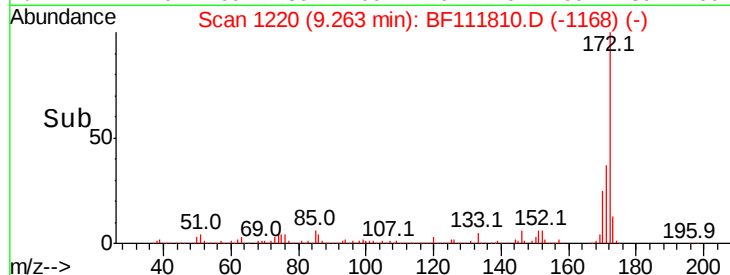
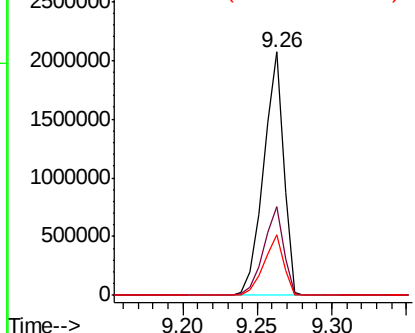
#45
2-Fluorobiphenyl
Concen: 91.386 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampled :
IDOC-01

Tot Ion:172 Resp: 1898622
Ion Ratio Lower Upper
172 100
171 36.6 33.0 49.4
170 24.8 22.3 33.5

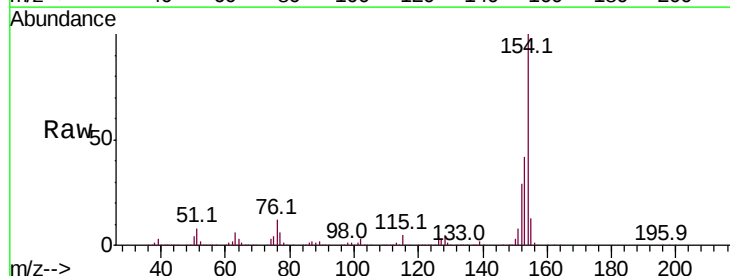


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

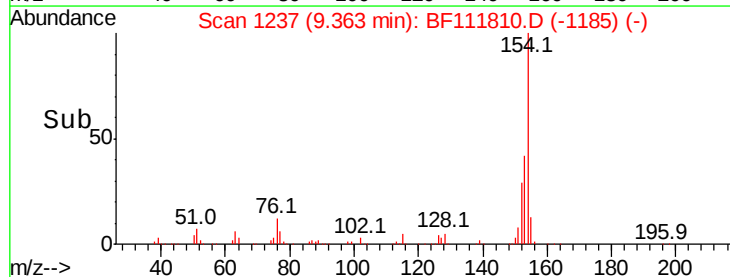
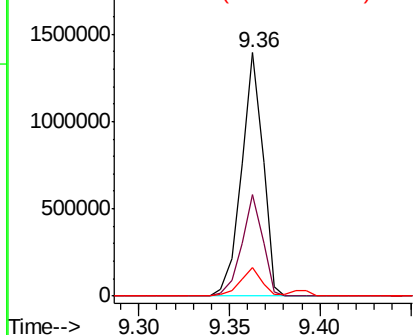


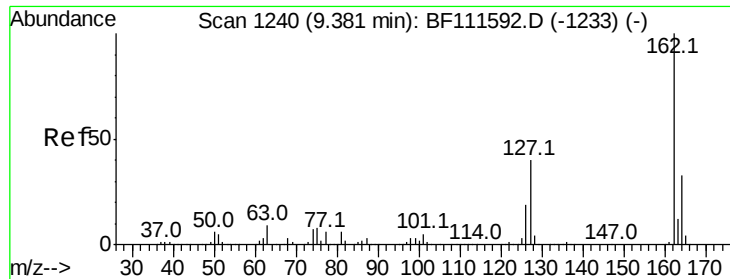
#46
1,1'-Biphenyl
Concen: 44.636 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:154 Resp: 1141019
Ion Ratio Lower Upper
154 100
153 41.8 23.7 63.7
76 12.0 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

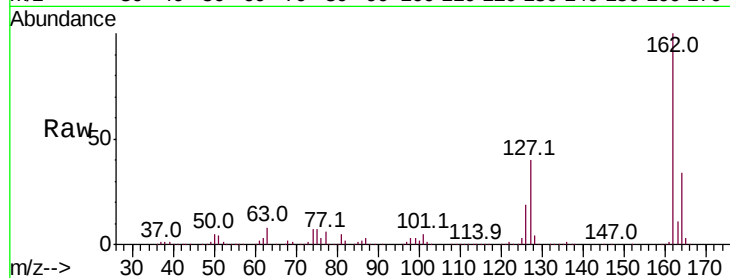




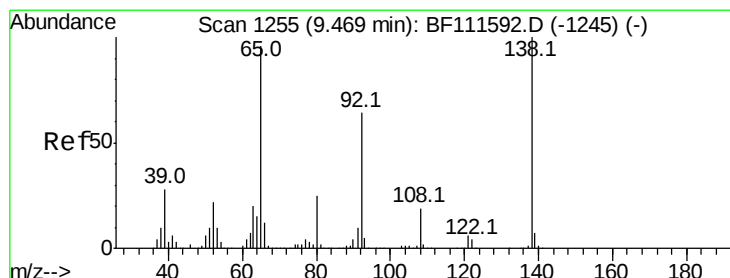
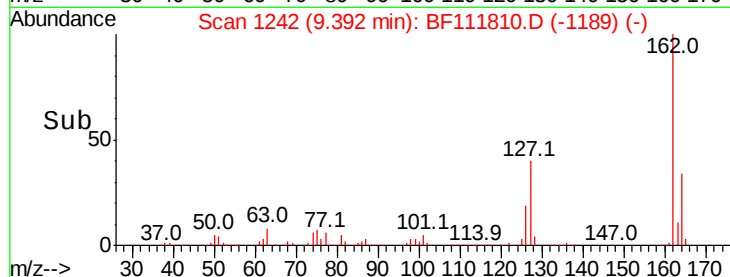
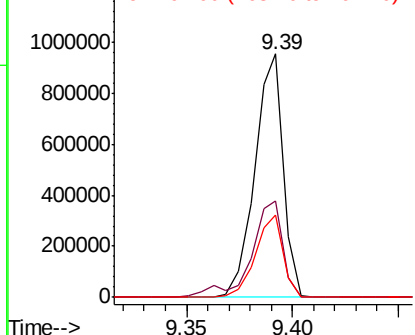
#47
 2-Chloronaphthalene
 Concen: 43.870 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01

Tot Ion:162 Resp: 888515
 Ion Ratio Lower Upper
 162 100
 127 39.6 35.0 52.4
 164 33.7 28.4 42.6

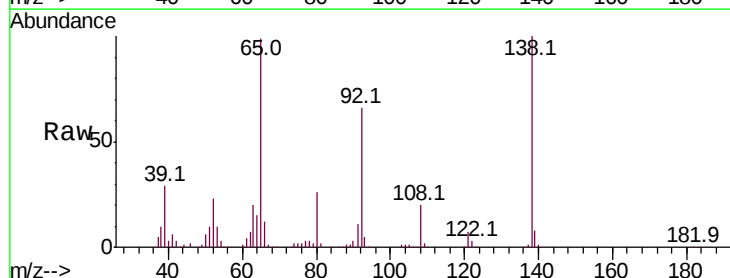


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

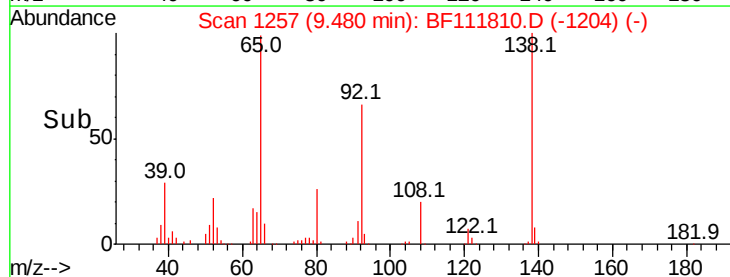
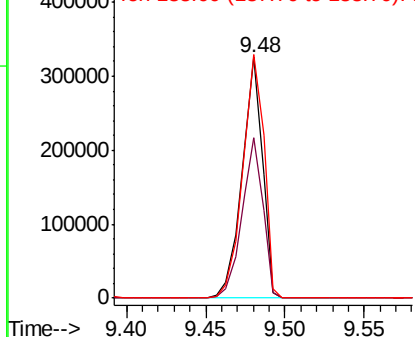


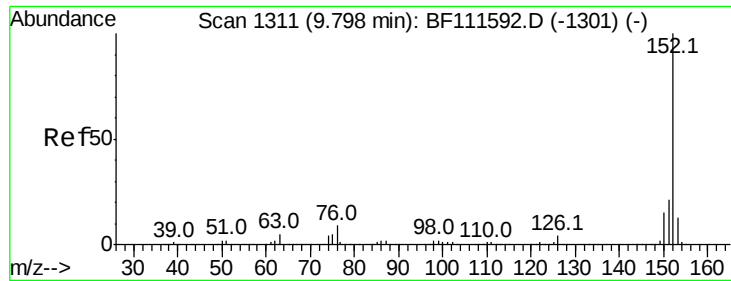
#48
 2-Nitroaniline
 Concen: 54.938 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion: 65 Resp: 289461
 Ion Ratio Lower Upper
 65 100
 92 66.8 53.5 80.3
 138 101.2 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: 48.788 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

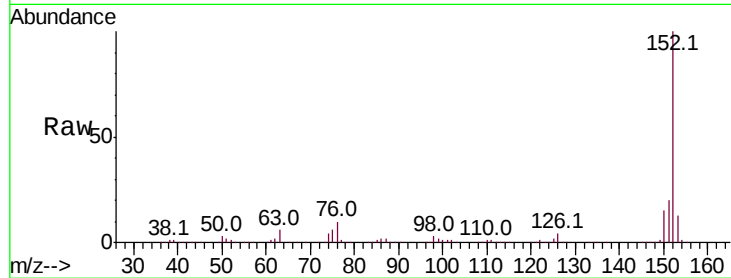
Tot Ion:152 Resp: 1442707

Ion Ratio Lower Upper

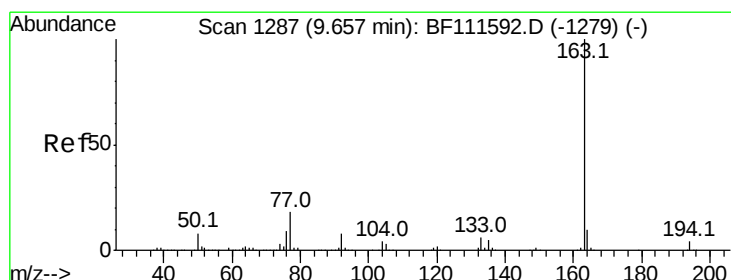
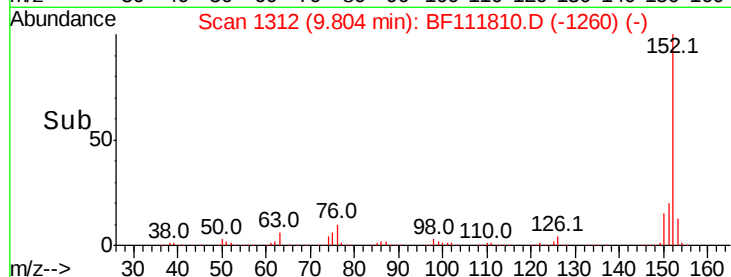
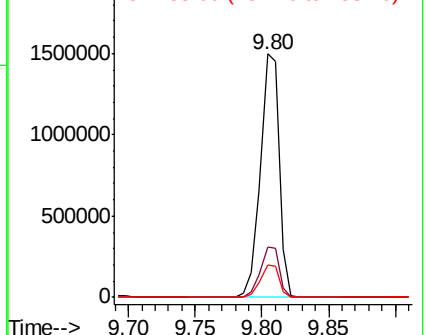
152 100

151 20.4 18.0 27.0

153 13.4 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: 48.626 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

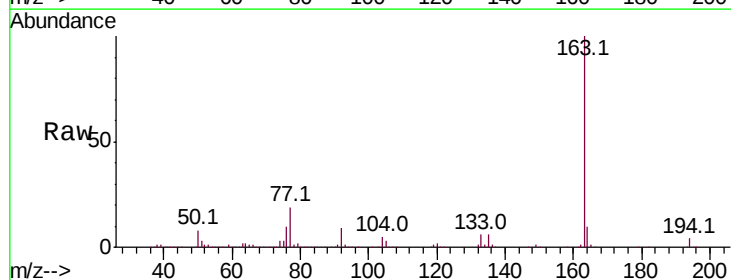
Tgt Ion:163 Resp: 1076806

Ion Ratio Lower Upper

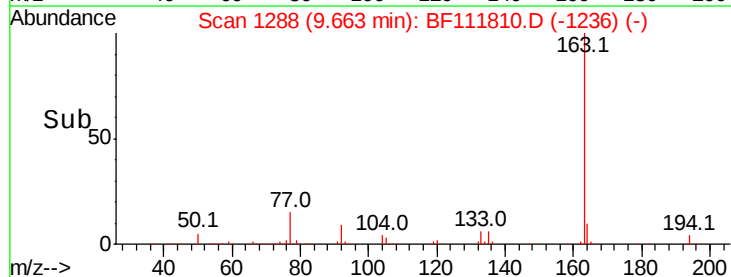
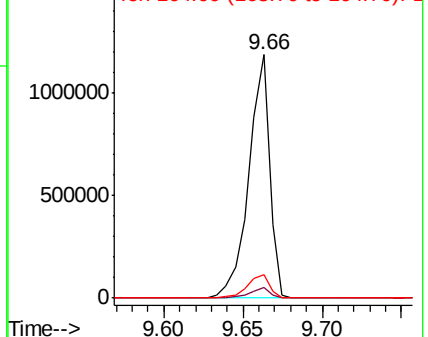
163 100

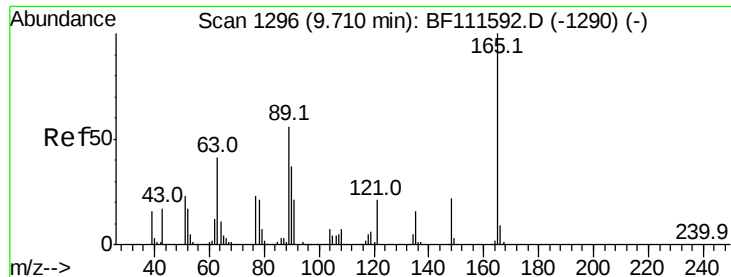
194 4.2 3.0 4.6

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: 54.728 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

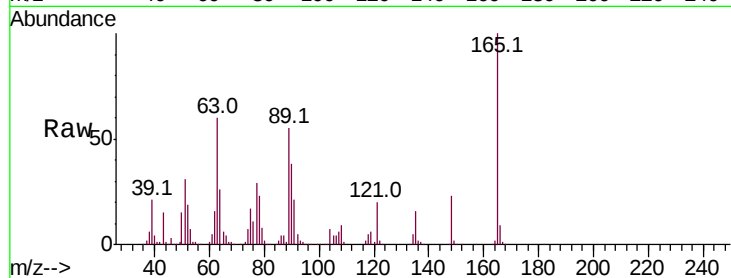
Tot Ion:165 Resp: 241658

Ion Ratio Lower Upper

165 100

63 59.6 40.5 60.7

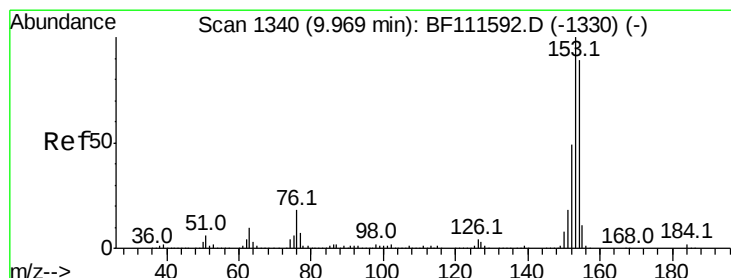
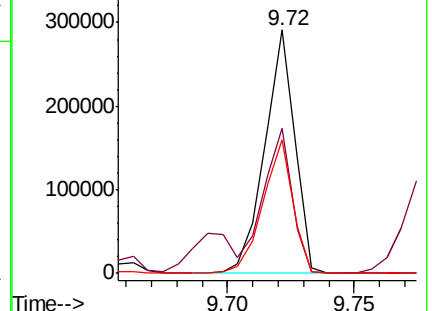
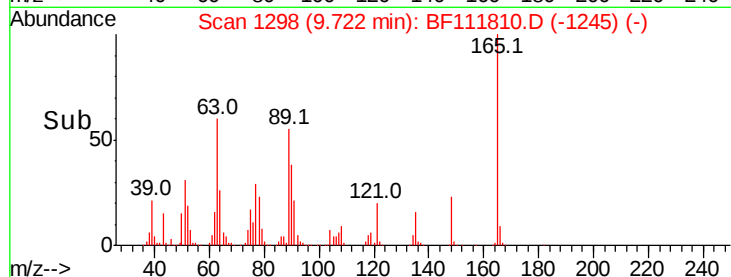
89 54.8 40.0 60.0



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: 51.472 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

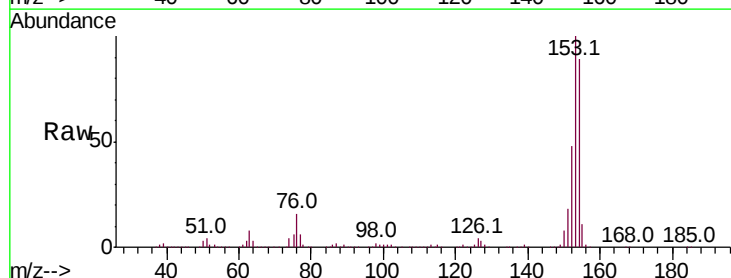
Tgt Ion:154 Resp: 938757

Ion Ratio Lower Upper

154 100

153 112.6 87.8 131.8

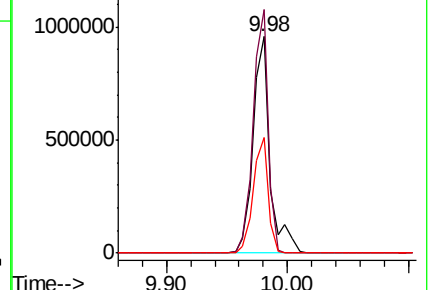
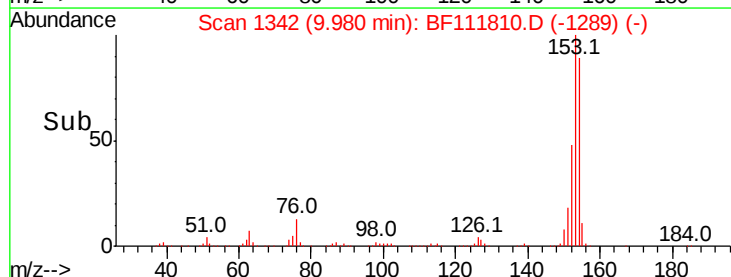
152 53.7 43.4 65.2

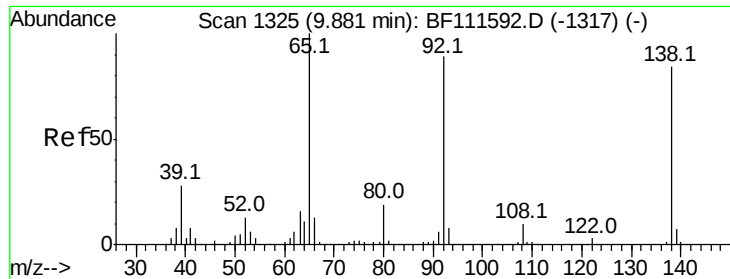


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

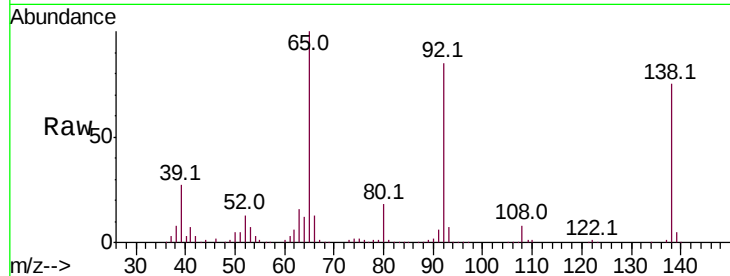




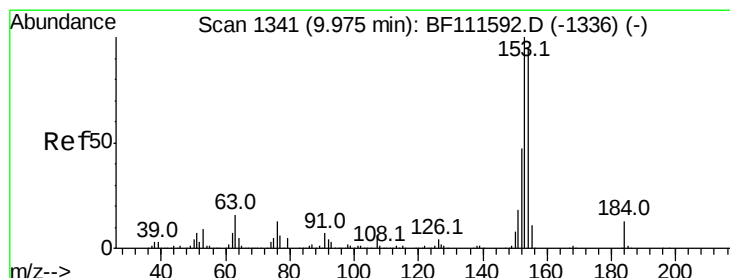
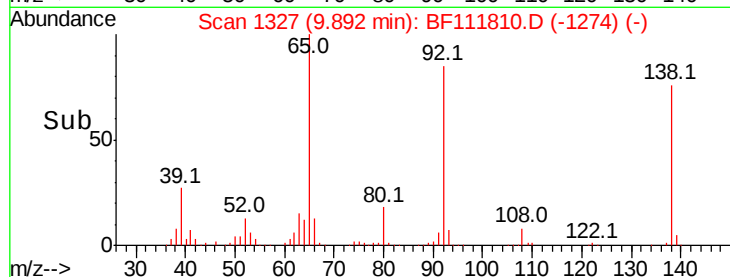
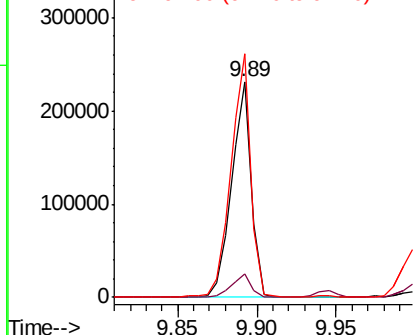
#53
 3-Nitroaniline
 Concen: 42.365 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01

Tot Ion:138 Resp: 199507
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.2 12.4
 92 113.0 93.4 140.2

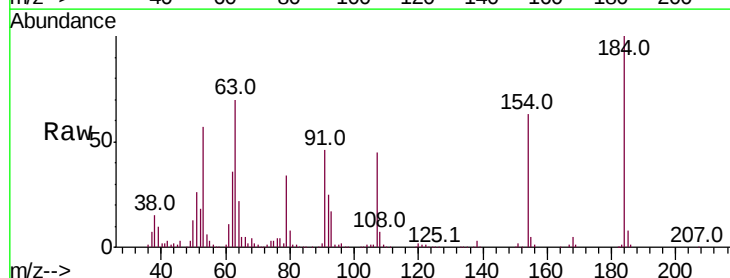


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

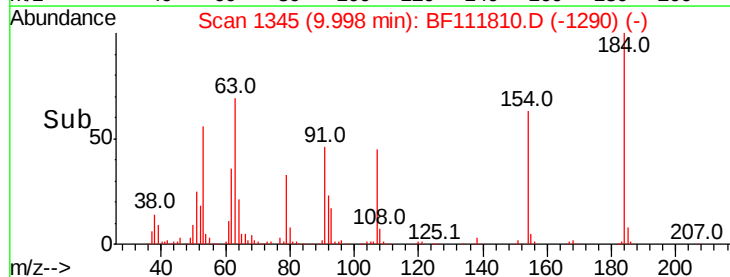
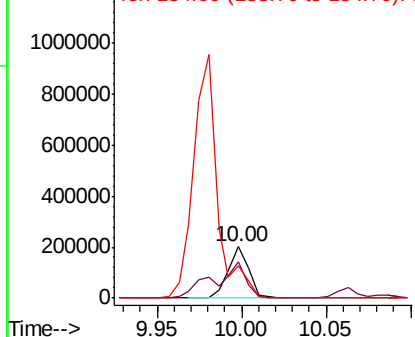


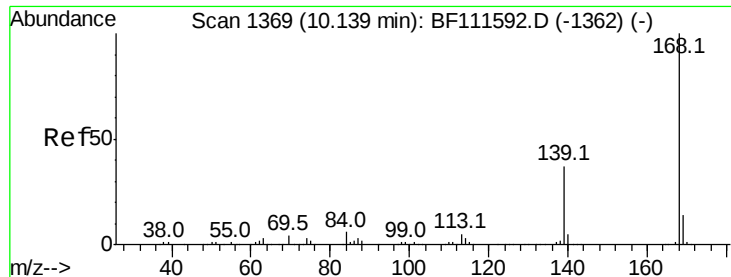
#54
 2,4-Dinitrophenol
 Concen: 120.105 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.02 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion:184 Resp: 175911
 Ion Ratio Lower Upper
 184 100
 63 69.9 62.3 93.5
 154 63.4 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: 46.808 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

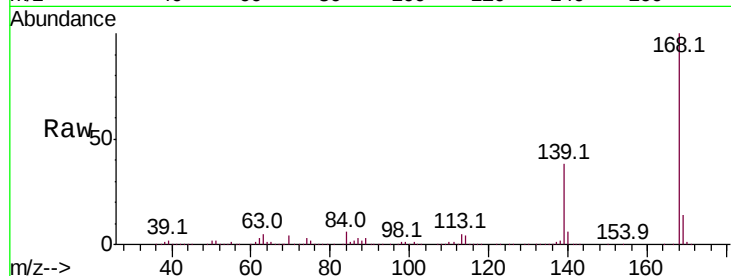
Tot Ion:168 Resp: 1289751

Ion Ratio Lower Upper

168 100

139 37.8 32.6 49.0

169 13.6 11.8 17.6

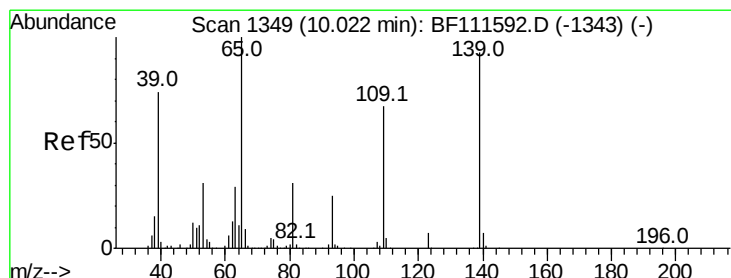
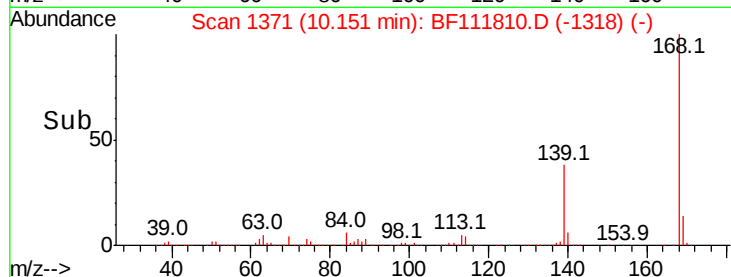
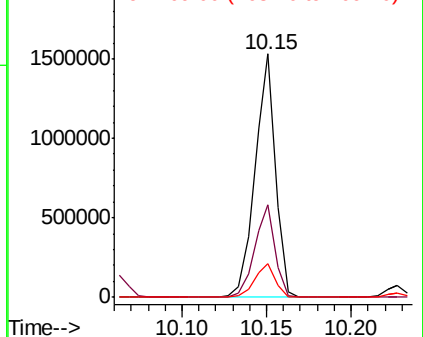


Abundance

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: 33.116 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.04 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

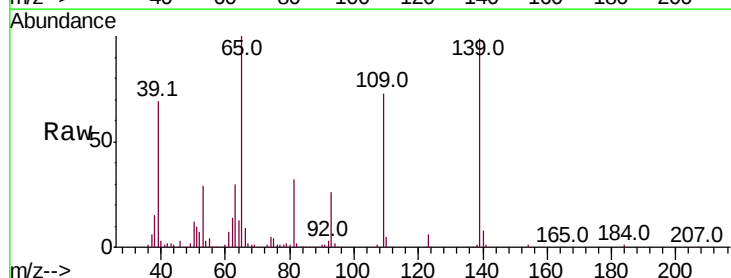
Tgt Ion:139 Resp: 119014

Ion Ratio Lower Upper

139 100

109 73.4 41.8 81.8

65 100.9 79.6 119.6

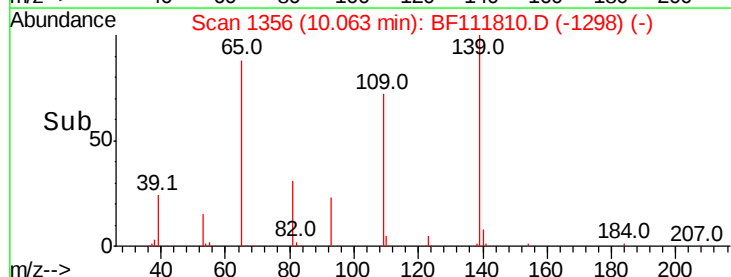
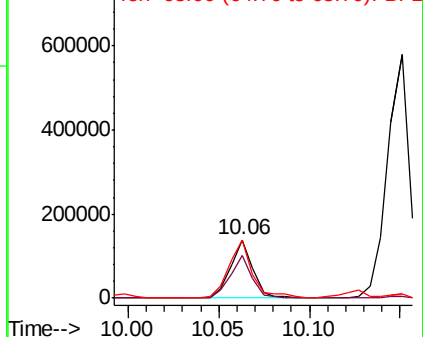


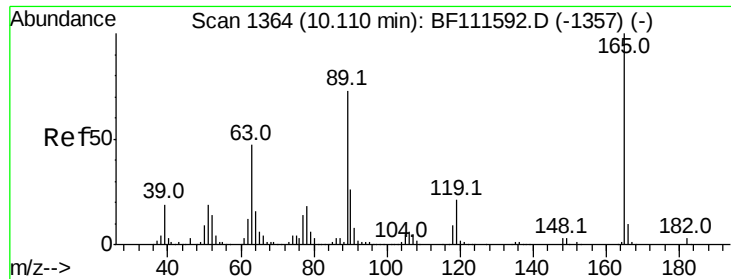
Abundance

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

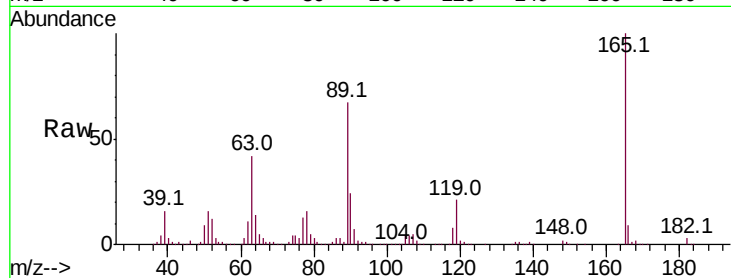




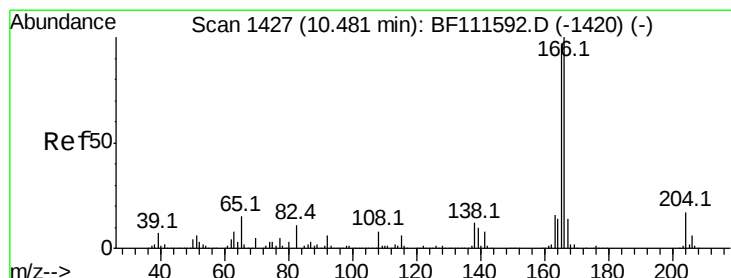
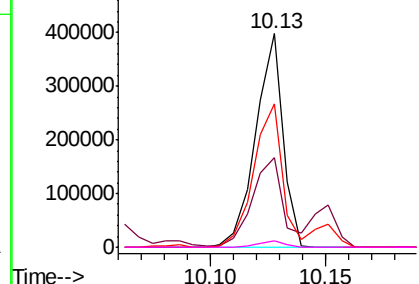
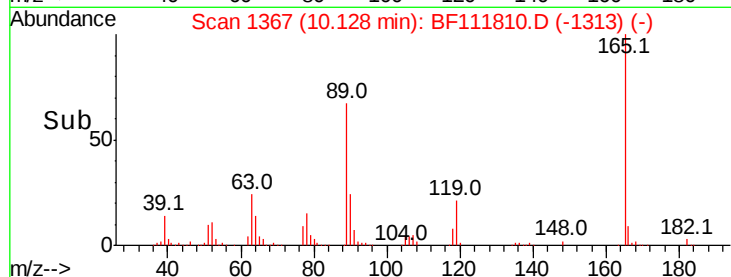
#57
2,4-Dinitrotoluene
Concen: 62.234 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampleId :
IDOC-01

Tot Ion:165 Resp: 330276
Ion Ratio Lower Upper
165 100
63 42.1 34.6 52.0
89 67.1 56.2 84.4
182 2.8 1.8 2.6#

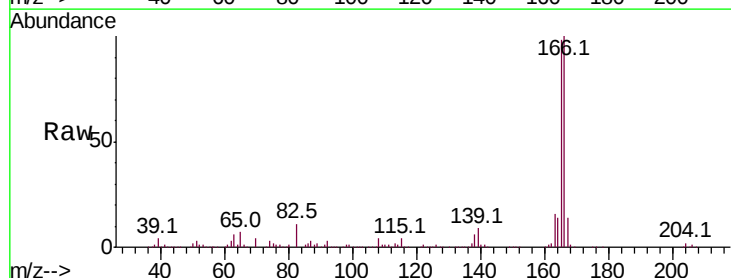


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

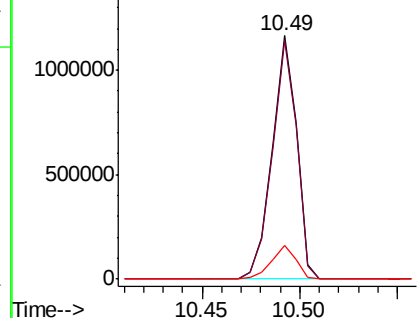
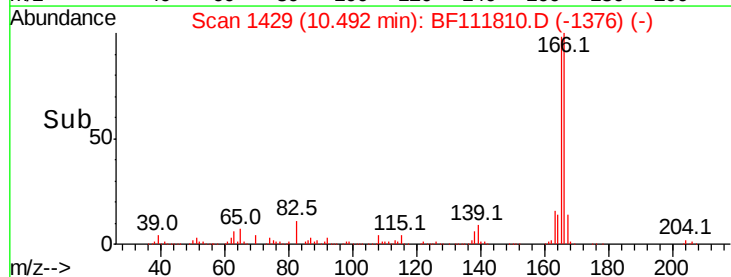


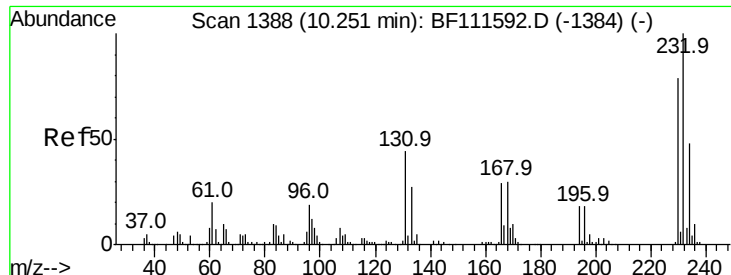
#58
Fluorene
Concen: 51.025 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:166 Resp: 1013107
Ion Ratio Lower Upper
166 100
165 97.8 78.4 117.6
167 13.8 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: 48.516 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampled :

IDOC-01

Tot Ion:232 Resp: 278280

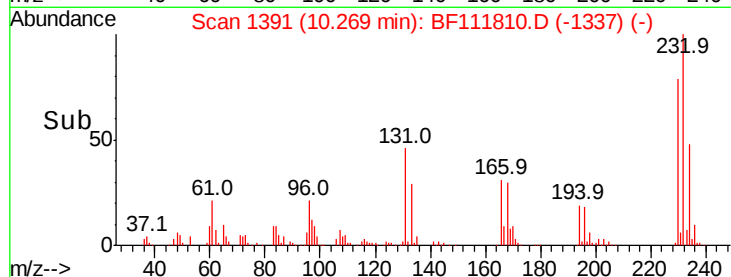
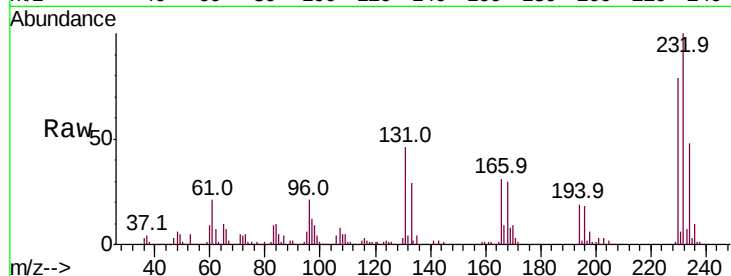
Ion Ratio Lower Upper

232 100

131 43.2 40.9 61.3

130 2.3 2.0 3.0

166 29.8 26.8 40.2

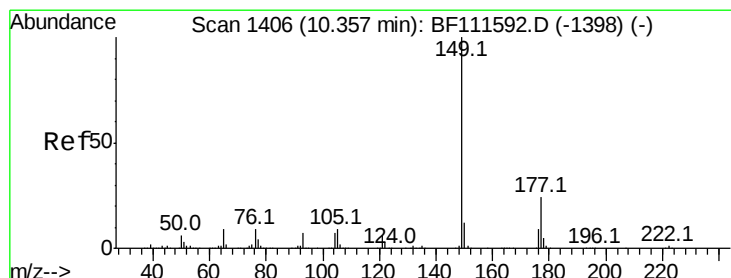
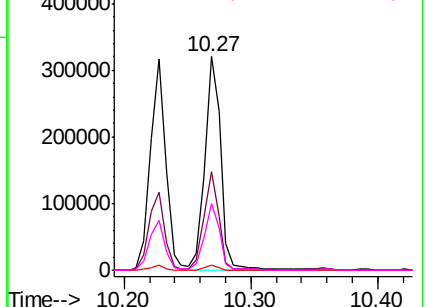


Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.463 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

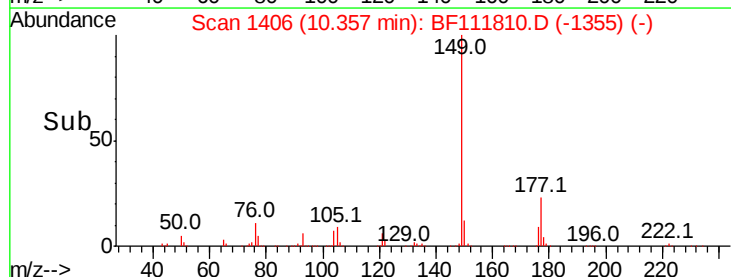
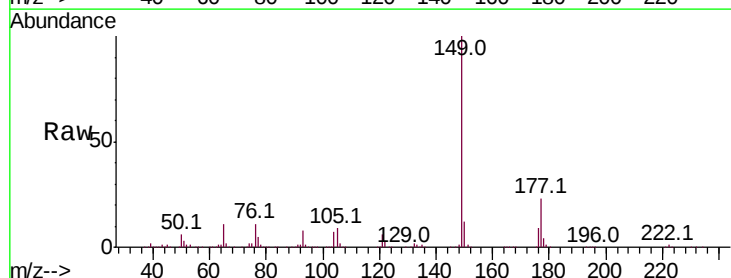
Tgt Ion:149 Resp: 1074456

Ion Ratio Lower Upper

149 100

177 22.8 18.3 27.5

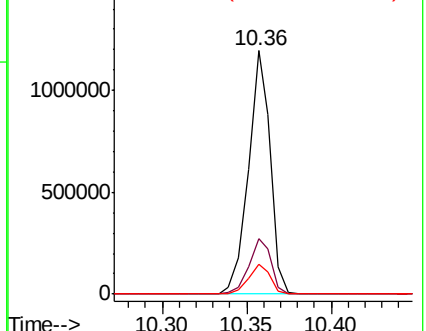
150 12.5 10.6 15.8

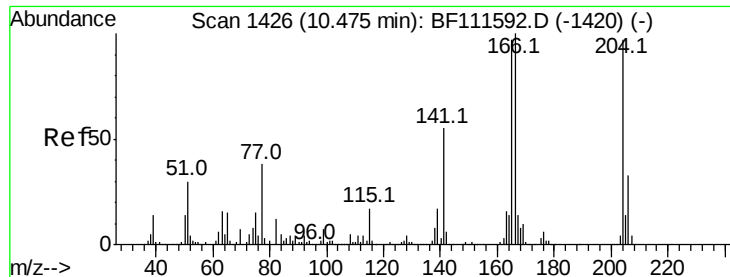


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

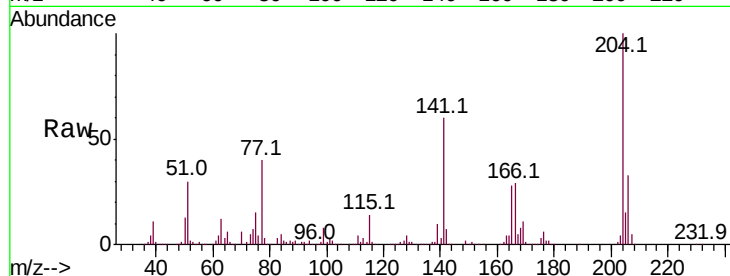




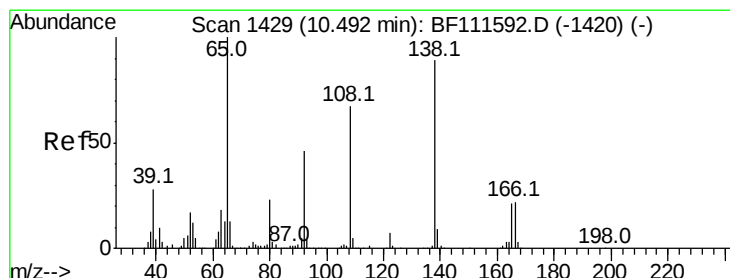
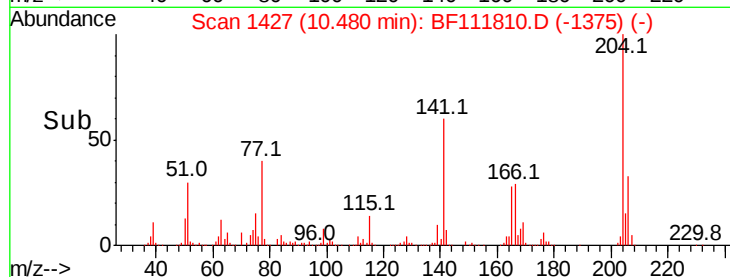
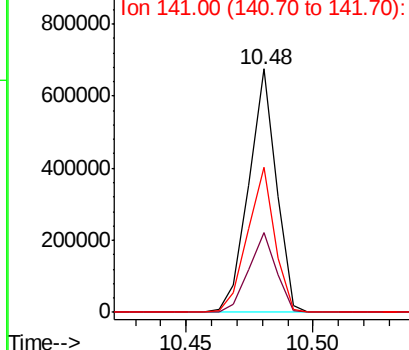
#61
4-Chlorophenyl-phenylether
Concen: 46.640 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampled :
IDOC-01

Tot Ion:204 Resp: 511633
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 59.7 52.6 78.8

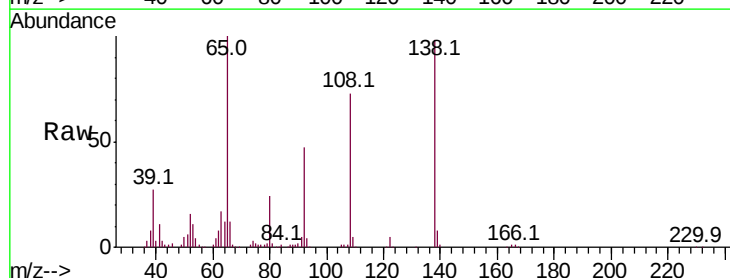


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

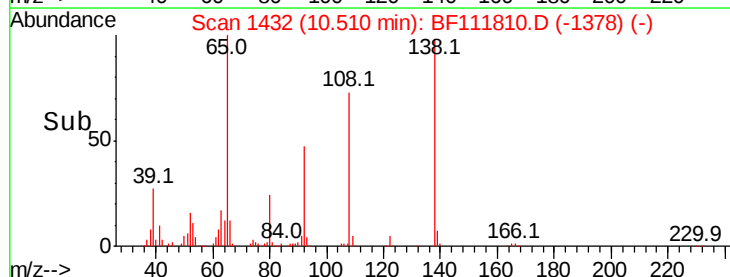
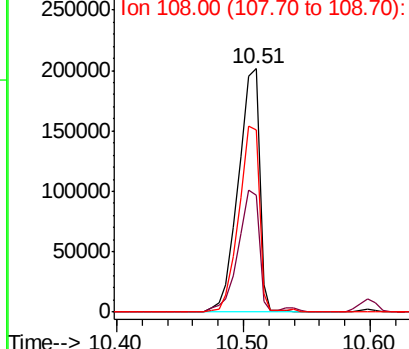


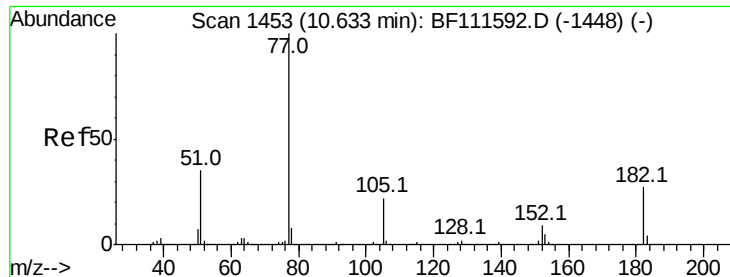
#62
4-Nitroaniline
Concen: 50.839 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:138 Resp: 232694
Ion Ratio Lower Upper
138 100
92 48.0 29.9 69.9
108 74.6 43.2 83.2



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





#63

Azobenzene

Concen: 45.922 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

Tot Ion: 77 Resp: 1001468

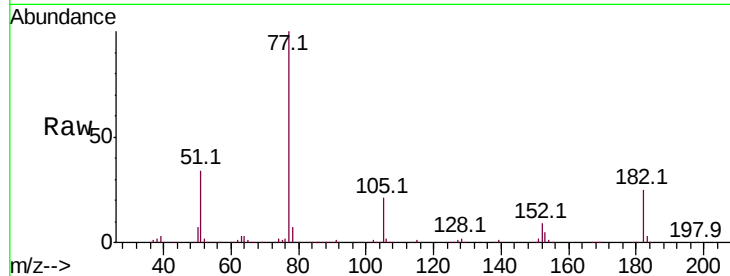
Ion Ratio Lower Upper

77 100

182 24.9 4.9 44.9

105 20.9 6.0 46.0

51 34.4 14.7 54.7

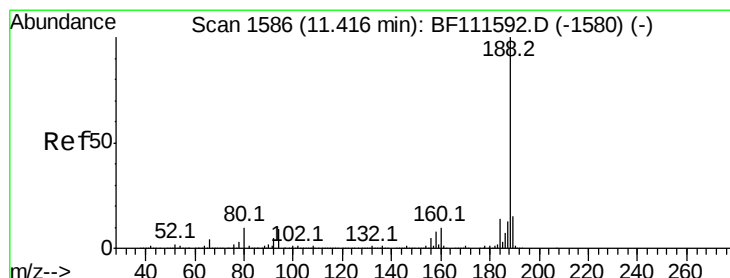
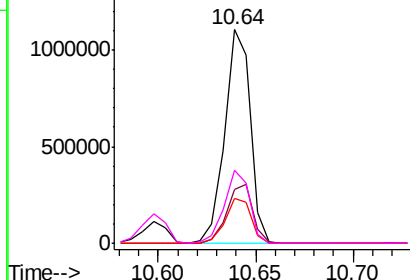
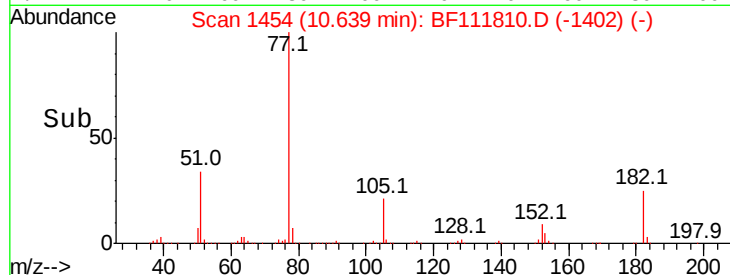


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

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: BF111810.D

Acq: 2 Jan 2019 15:16

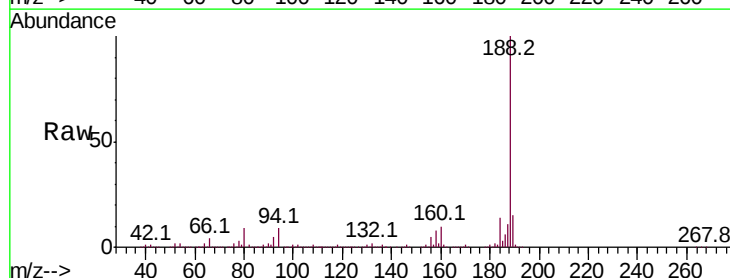
Tgt Ion: 188 Resp: 580267

Ion Ratio Lower Upper

188 100

94 9.0 9.6 14.4#

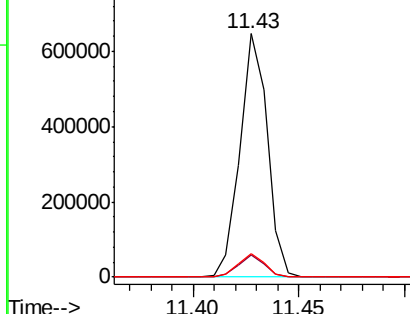
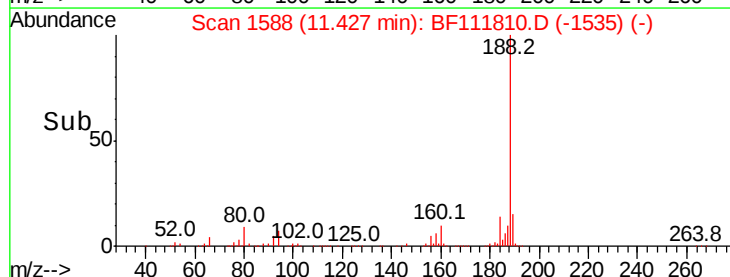
80 9.4 9.8 14.6#

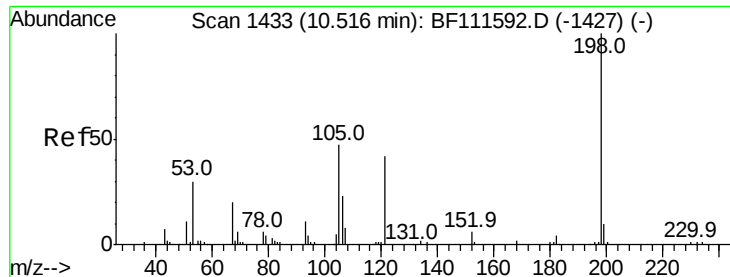


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

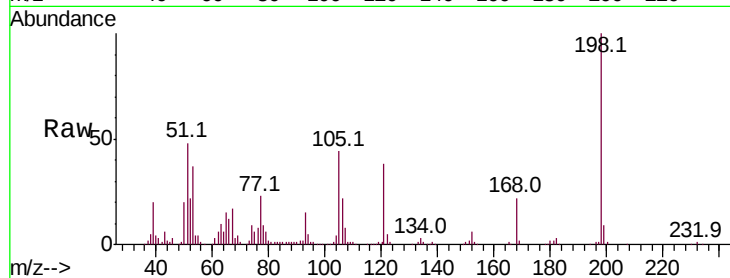




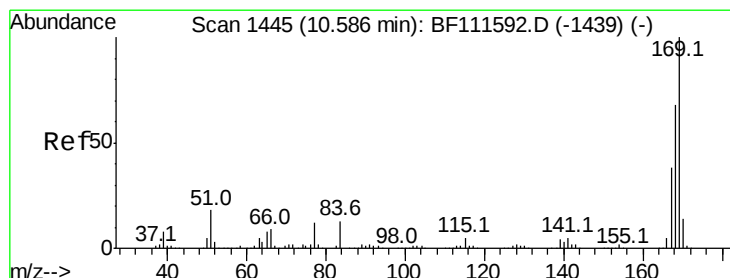
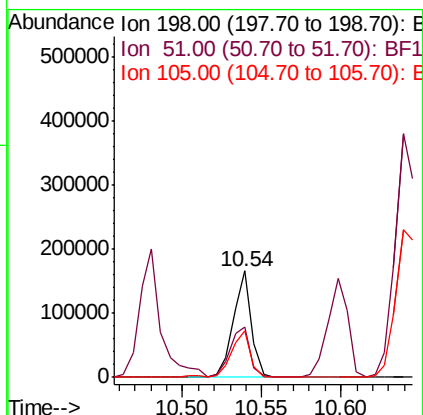
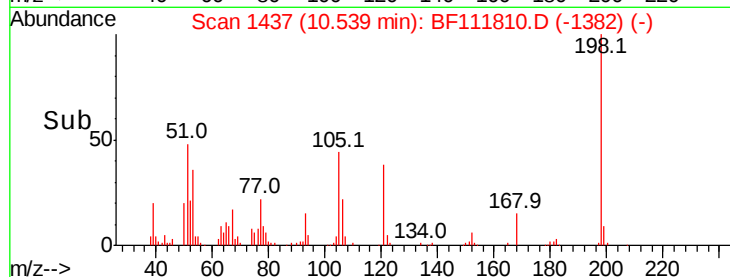
#65
4,6-Dinitro-2-methylphenol
Concen: 53.848 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampleId :
IDOC-01

Tot Ion:198 Resp: 131410
Ion Ratio Lower Upper
198 100
51 47.8 48.0 88.0#
105 43.9 34.0 74.0

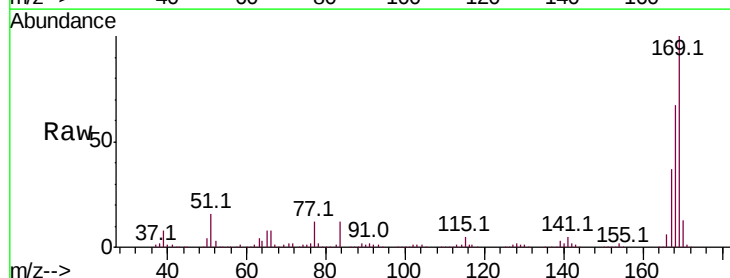


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

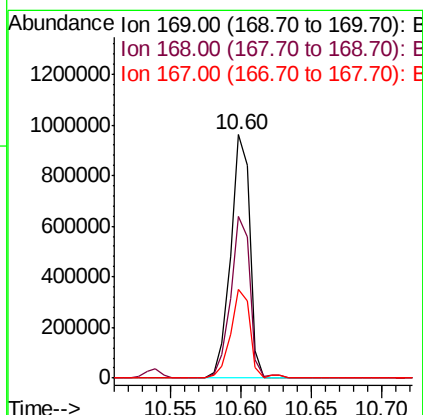
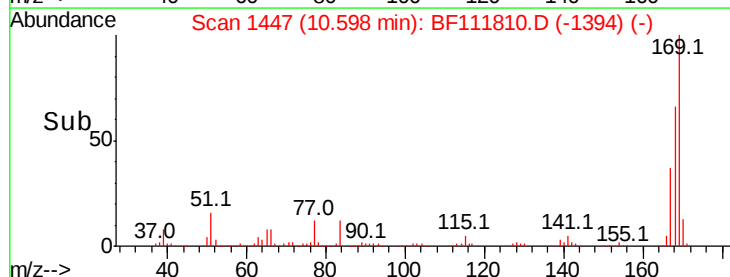


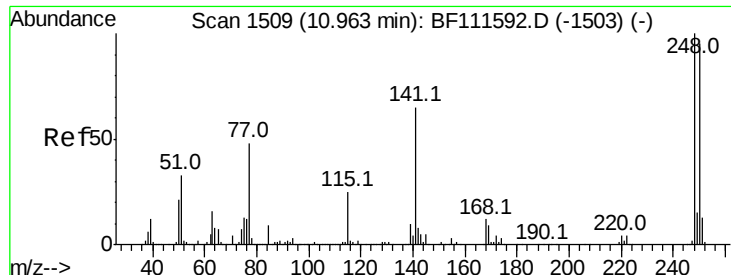
#66
n-Nitrosodiphenylamine
Concen: 46.437 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:169 Resp: 904525
Ion Ratio Lower Upper
169 100
168 66.5 54.4 81.6
167 36.6 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

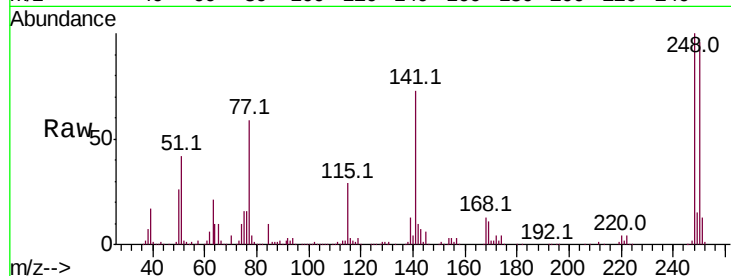




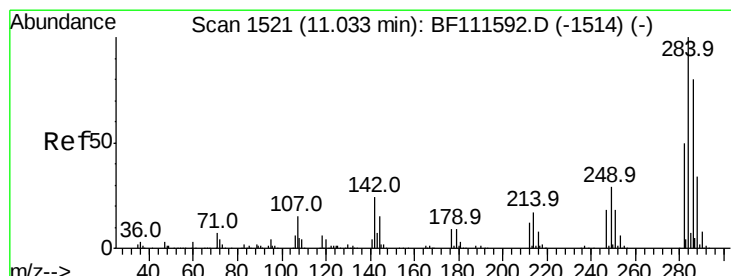
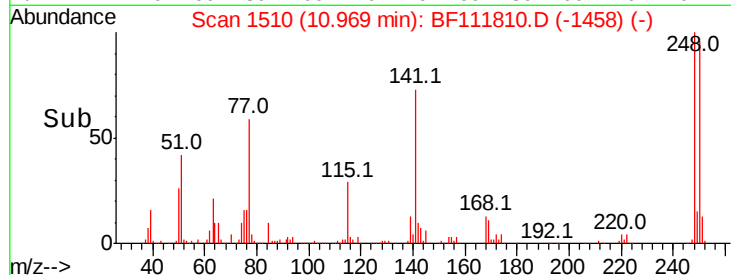
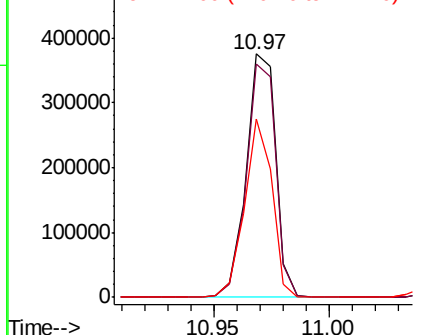
#67
4-Bromophenyl-phenylether
Concen: 46.821 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampled :
IDOC-01

Tot Ion:248 Resp: 336977
Ion Ratio Lower Upper
248 100
250 95.7 77.0 115.4
141 73.3 63.0 94.6

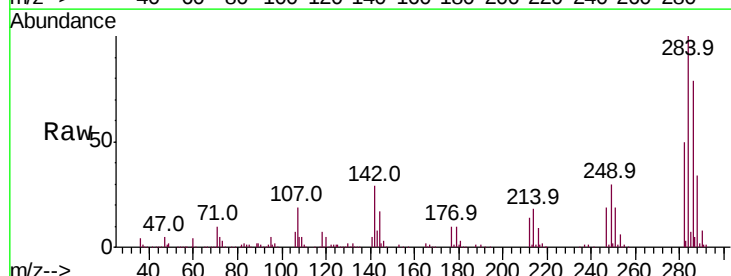


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

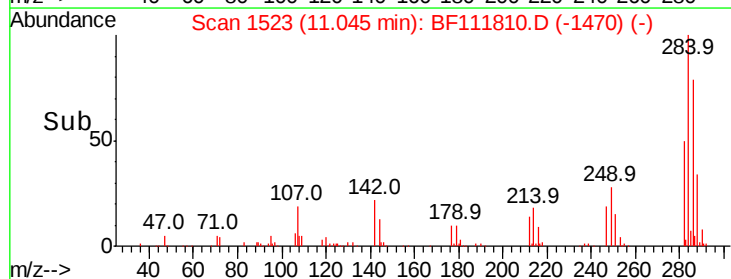
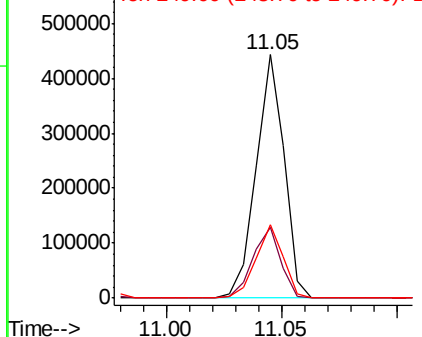


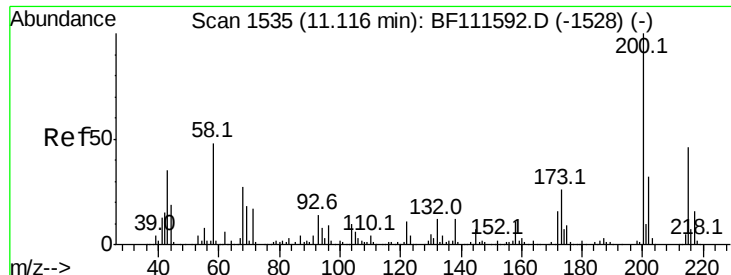
#68
Hexachlorobenzene
Concen: 46.722 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:284 Resp: 374932
Ion Ratio Lower Upper
284 100
142 28.9 27.4 41.2
249 30.1 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

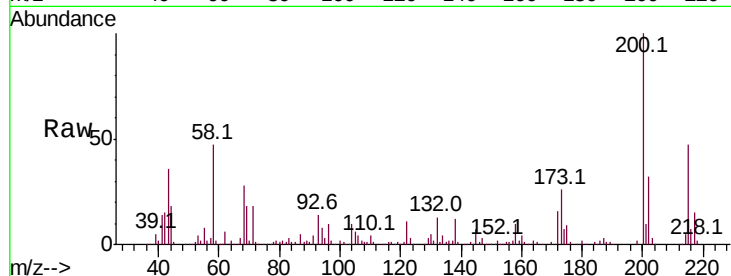




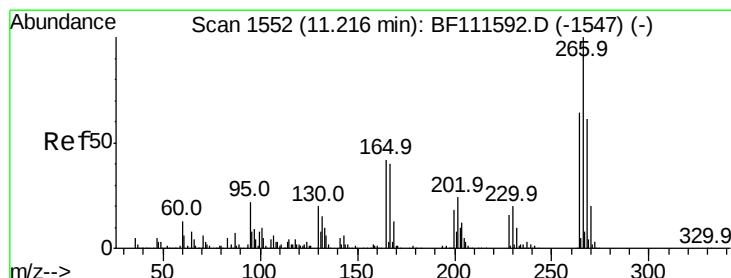
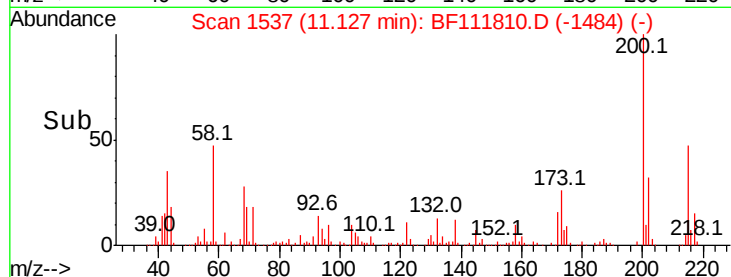
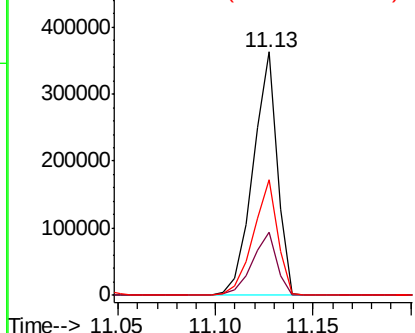
#69
Atrazine
Concen: 45.965 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampled :
IDOC-01

Tot Ion:200 Resp: 311043
Ion Ratio Lower Upper
200 100
173 26.0 10.1 50.1
215 47.3 26.9 66.9

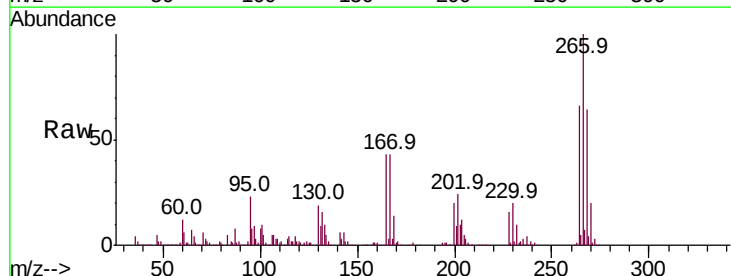


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

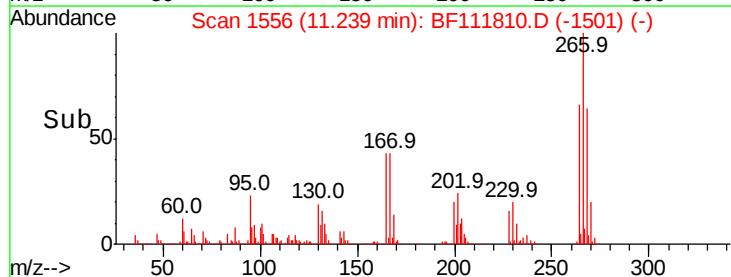
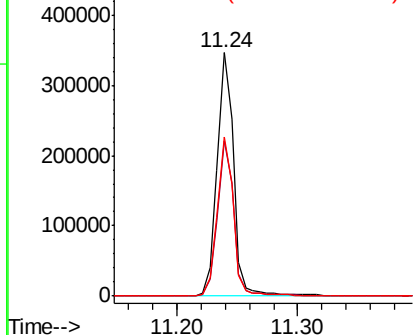


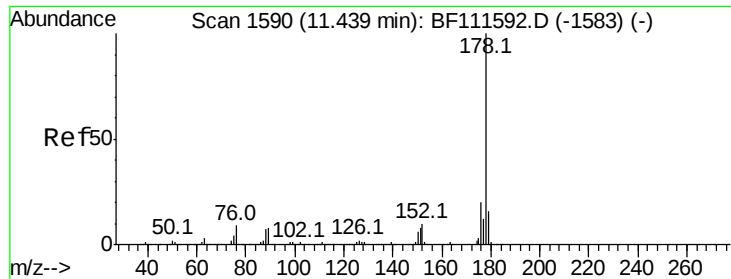
#70
Pentachlorophenol
Concen: 65.545 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:266 Resp: 325169
Ion Ratio Lower Upper
266 100
268 64.0 47.9 71.9
264 65.6 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

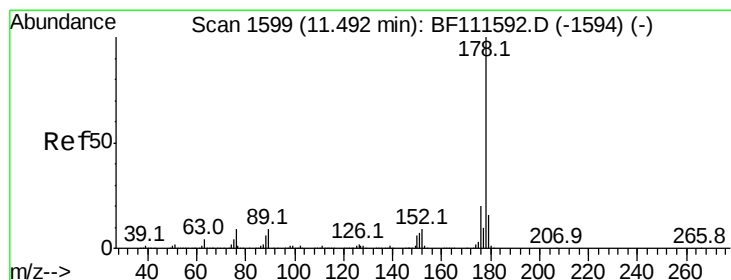
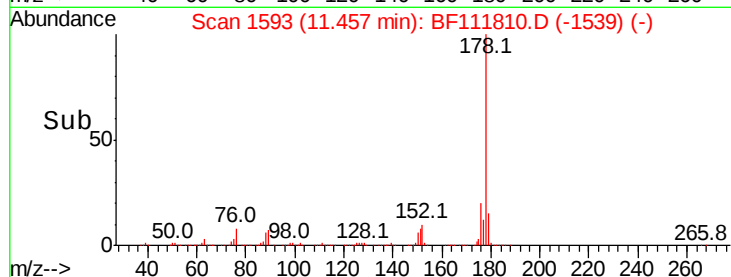
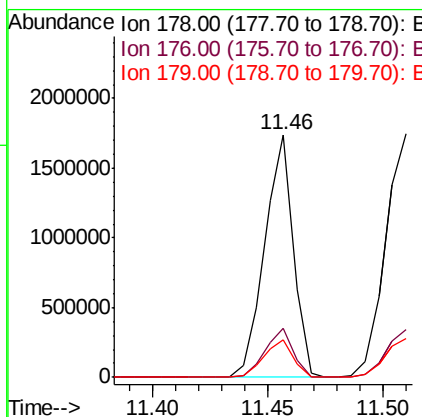
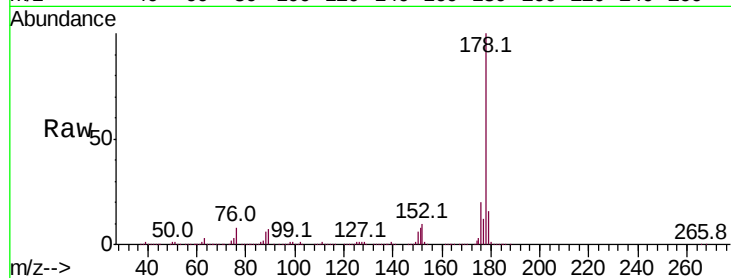




#71
Phenanthrene
Concen: 48.884 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

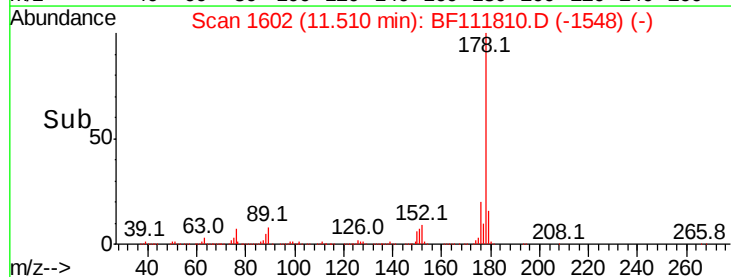
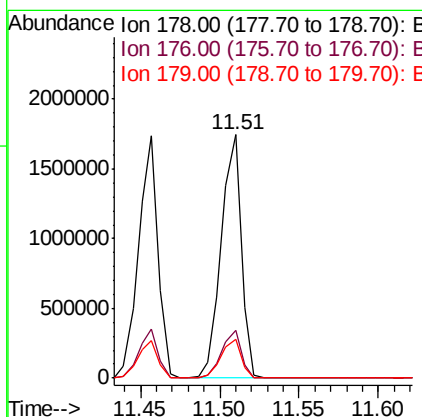
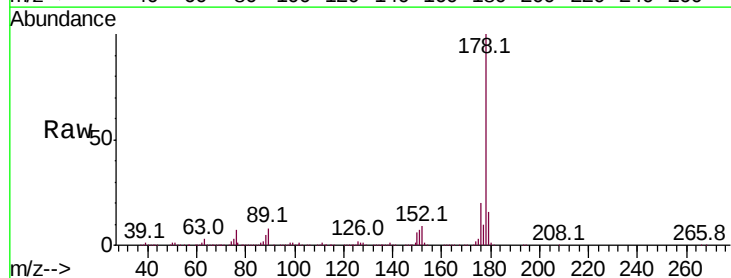
Instrument :
BNA_F
ClientSampleId :
IDOC-01

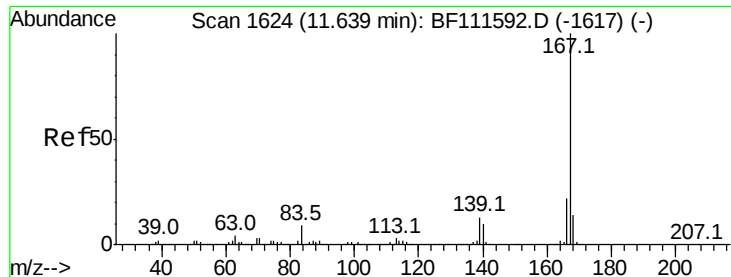
Tot Ion:178 Resp: 1504337
Ion Ratio Lower Upper
178 100
176 20.1 18.1 27.1
179 15.6 14.0 21.0



#72
Anthracene
Concen: 49.870 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:178 Resp: 1540416
Ion Ratio Lower Upper
178 100
176 19.6 17.2 25.8
179 16.0 13.8 20.8



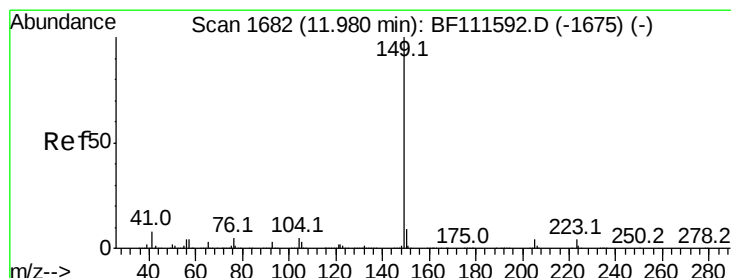
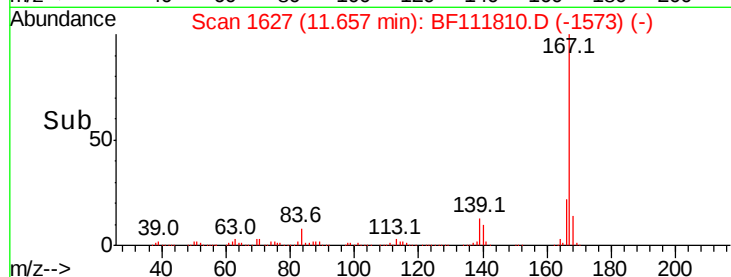
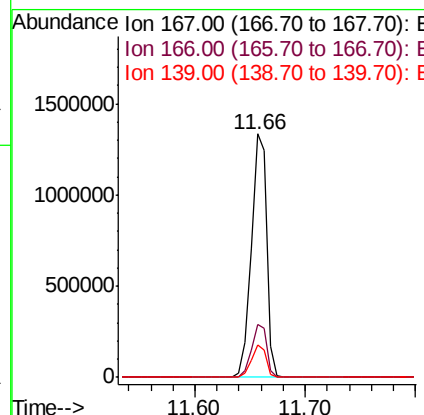
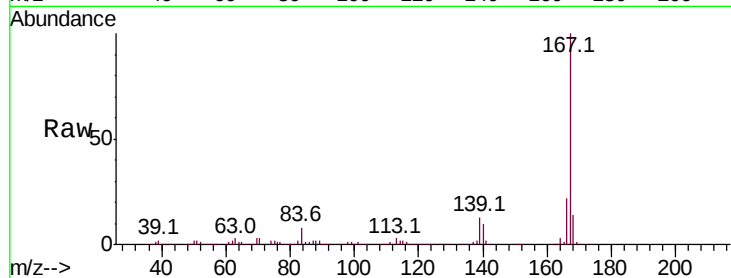


#73
 Carbazole
 Concen: 43.498 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01

Tot Ion:167 Resp: 1304468

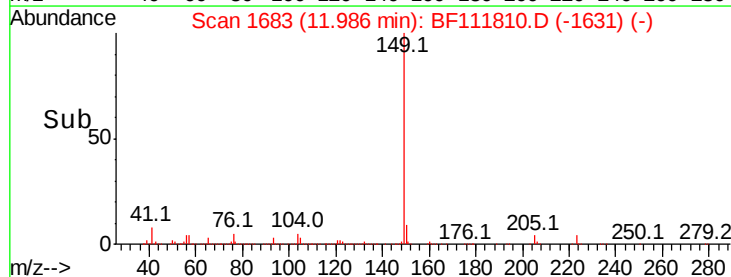
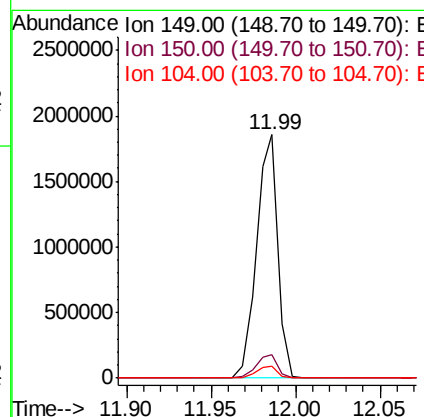
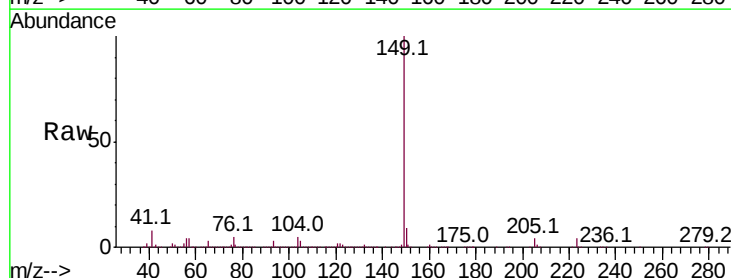
Ion	Ratio	Lower	Upper
167	100		
166	22.0	19.3	28.9
139	13.2	11.9	17.9

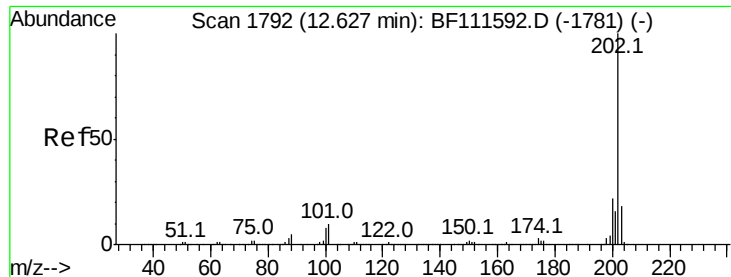


#74
 Di-n-butylphthalate
 Concen: 48.530 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion:149 Resp: 1631772

Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.8	13.2
104	4.7	4.5	6.7





#75

Fluoranthene

Concen: 46.200 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

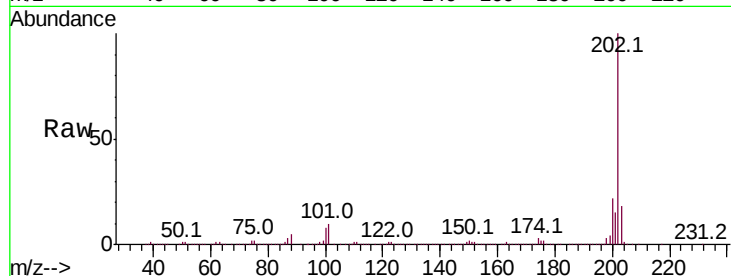
Tot Ion:202 Resp: 1439713

Ion Ratio Lower Upper

202 100

101 10.3 0.0 33.8

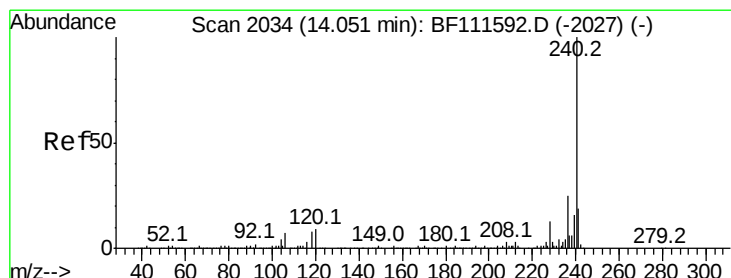
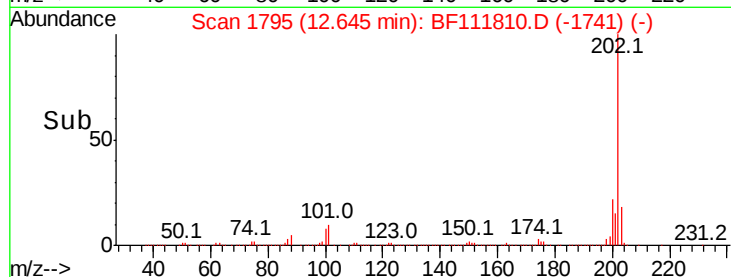
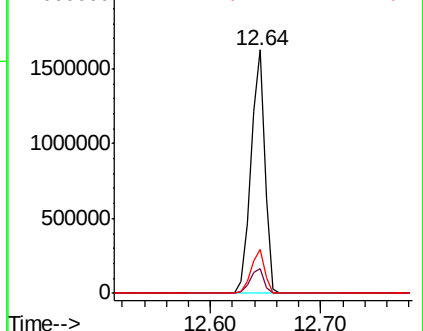
203 17.9 0.0 38.6



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: BF111810.D

Acq: 2 Jan 2019 15:16

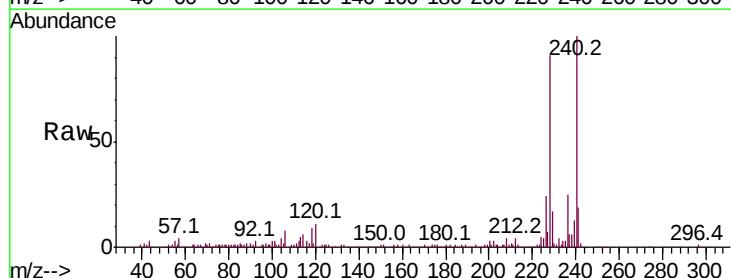
Tgt Ion:240 Resp: 383315

Ion Ratio Lower Upper

240 100

120 10.9 12.2 18.2#

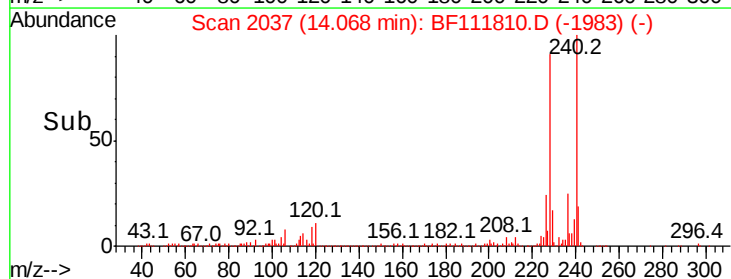
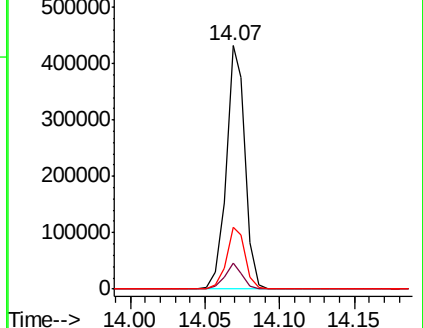
236 25.4 20.2 30.2

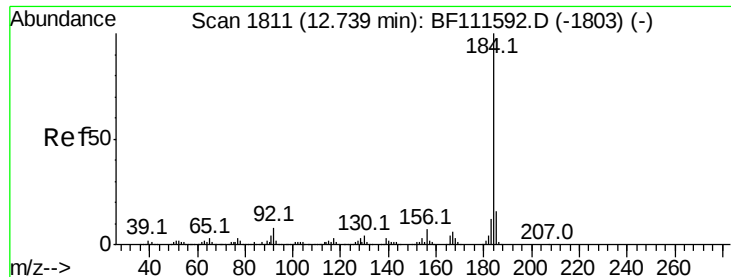


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.769 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

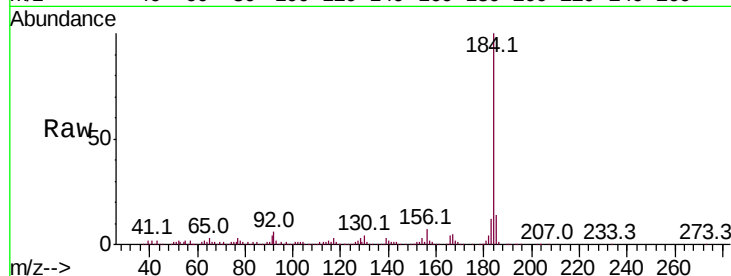
Tot Ion:184 Resp: 501501

Ion Ratio Lower Upper

184 100

185 13.5 13.0 19.6

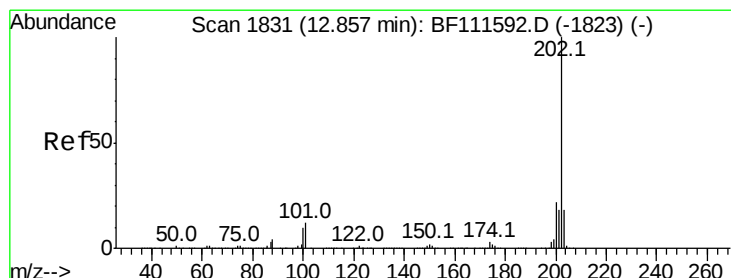
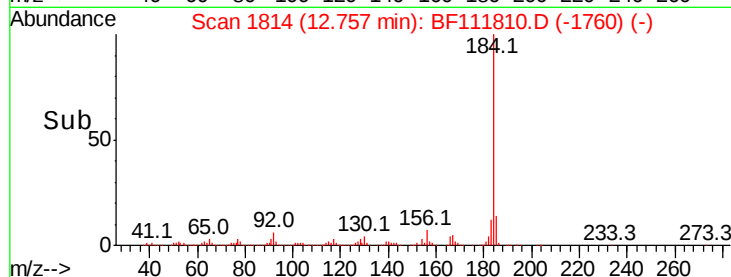
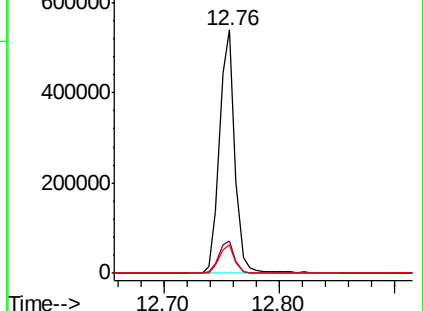
183 11.8 9.3 13.9



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: 52.750 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

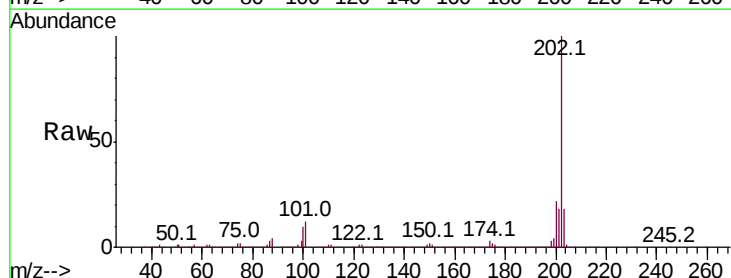
Tgt Ion:202 Resp: 1427866

Ion Ratio Lower Upper

202 100

200 21.9 19.0 28.4

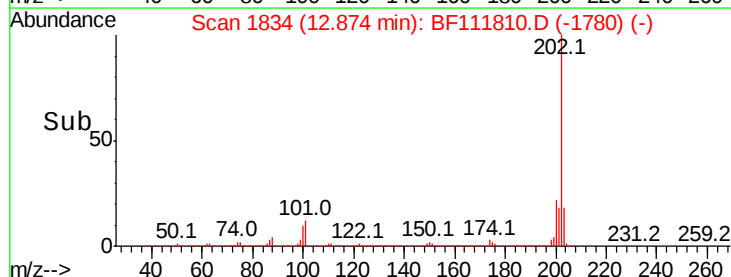
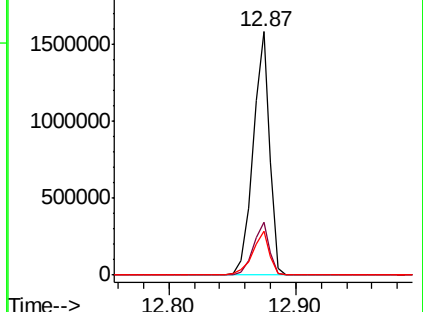
203 18.1 15.2 22.8

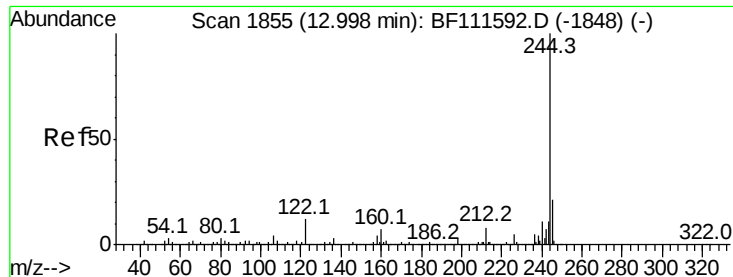


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.512 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampled :

IDOC-01

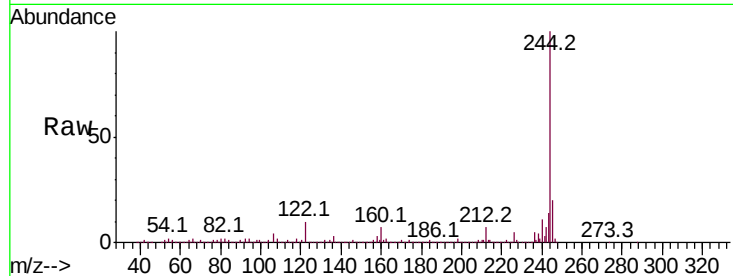
Tot Ion:244 Resp: 2051818

Ion Ratio Lower Upper

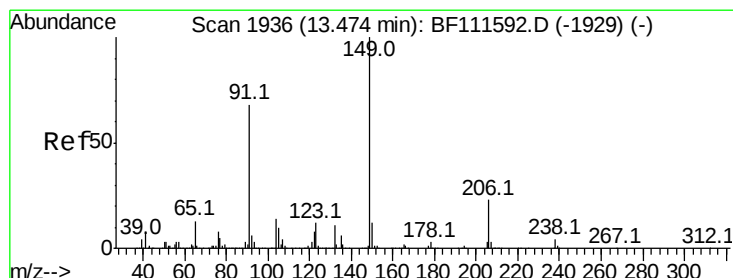
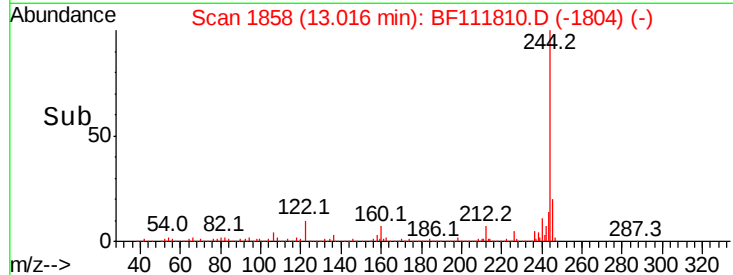
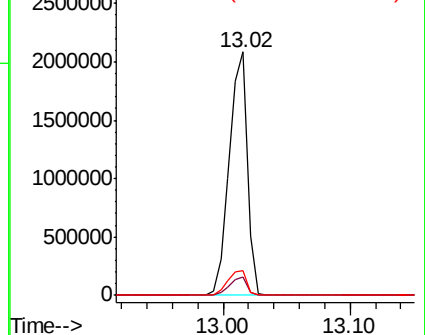
244 100

212 7.4 5.7 8.5

122 10.2 13.1 19.7#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.871 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

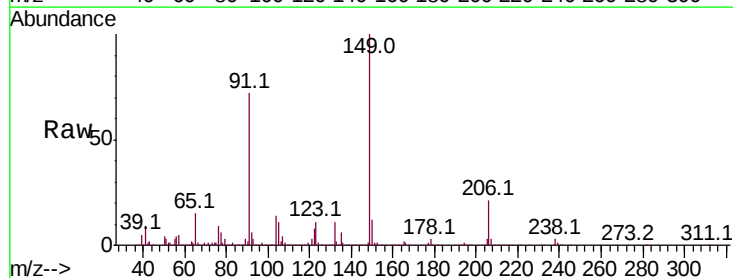
Tgt Ion:149 Resp: 594404

Ion Ratio Lower Upper

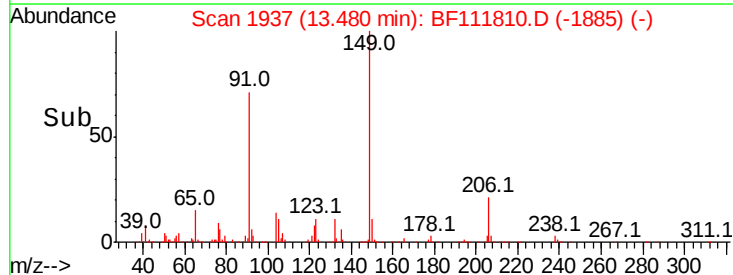
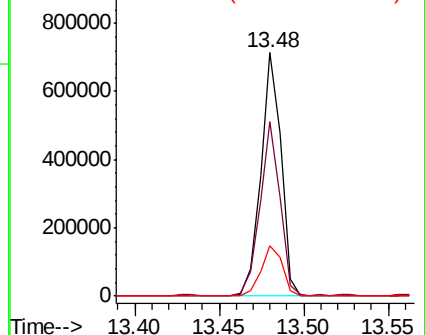
149 100

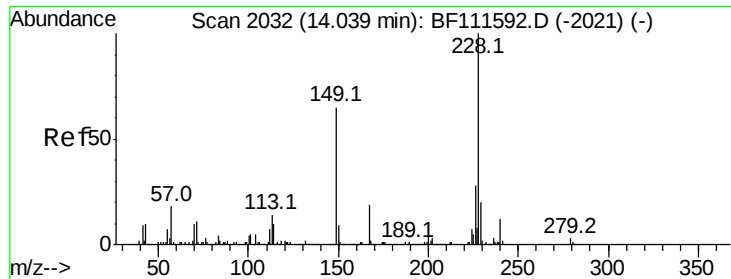
91 71.5 63.8 95.6

206 20.6 15.1 22.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

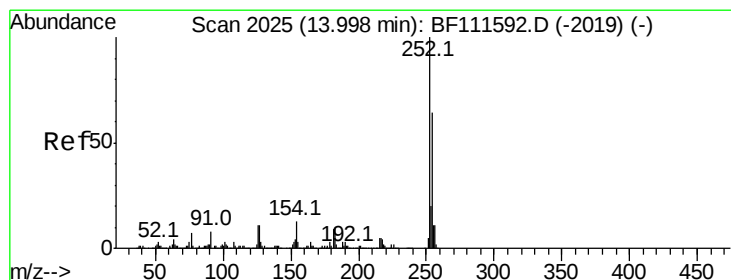
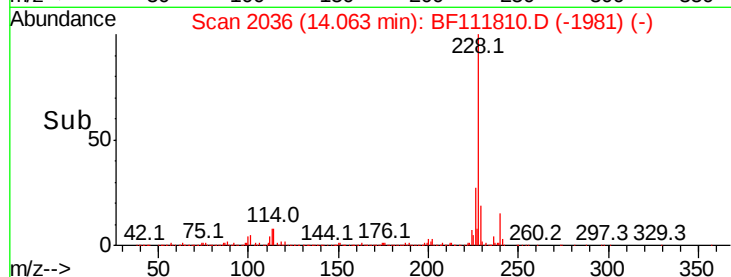
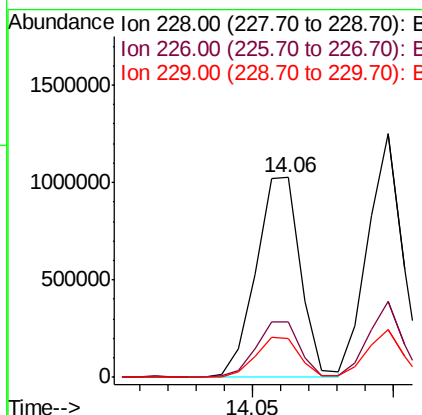
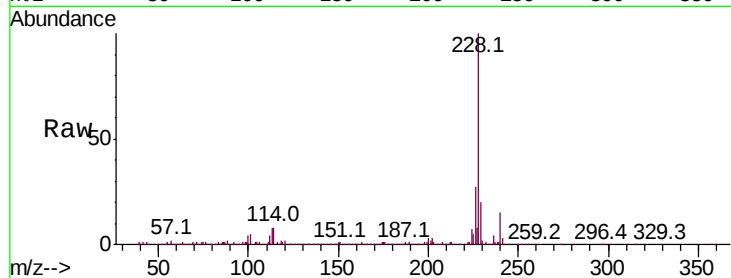




#81
Benzo(a)anthracene
Concen: 51.596 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

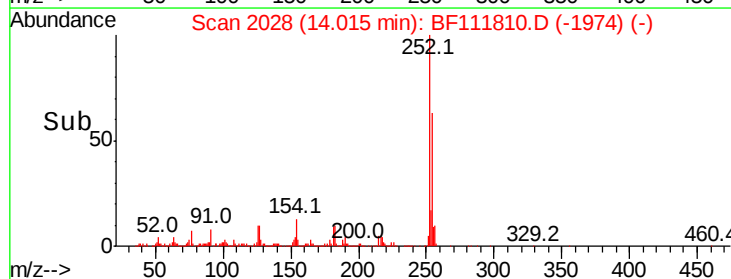
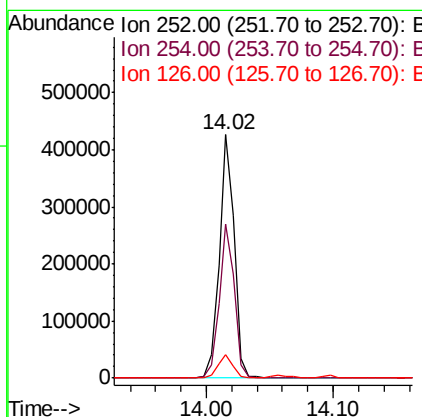
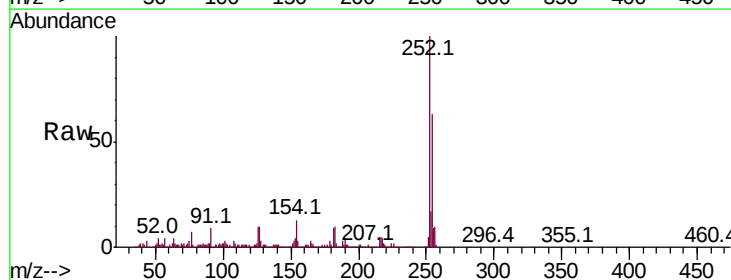
Instrument :
BNA_F
ClientSampleId :
IDOC-01

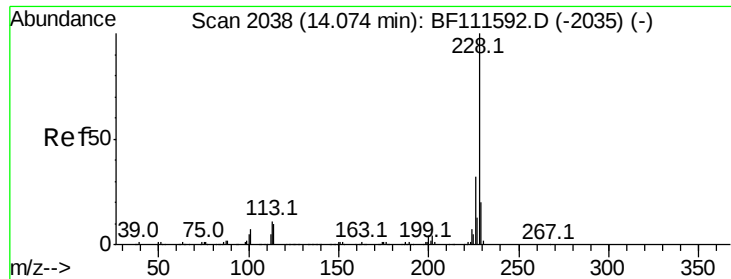
Tot Ion:228 Resp: 1128705
Ion Ratio Lower Upper
228 100
226 27.5 22.6 34.0
229 19.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 40.866 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:252 Resp: 353213
Ion Ratio Lower Upper
252 100
254 63.3 52.7 79.1
126 9.8 11.1 16.7#

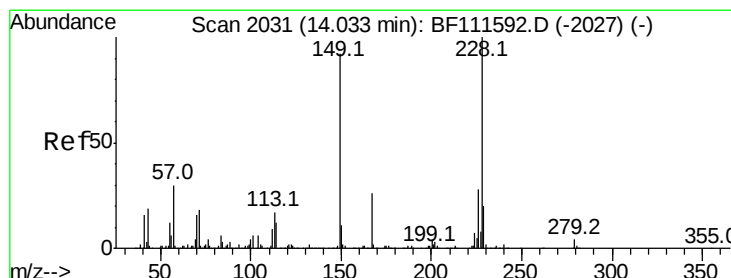
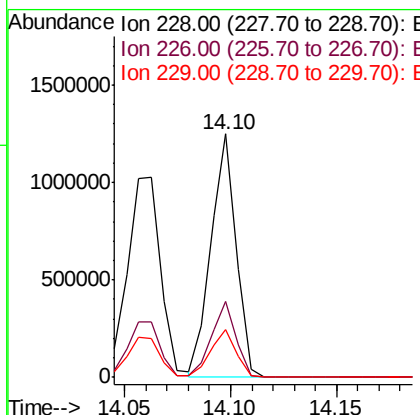
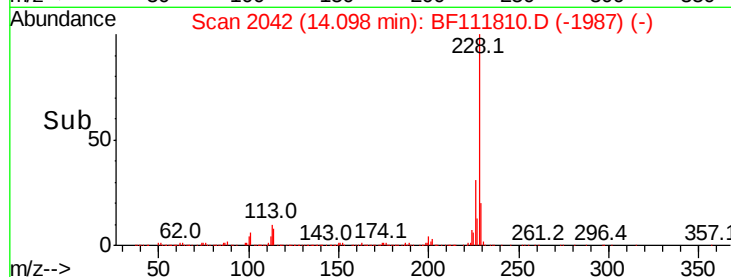
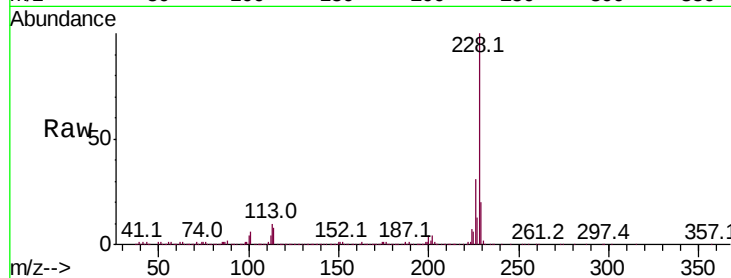




#83
 Chrysene
 Concen: 48.287 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

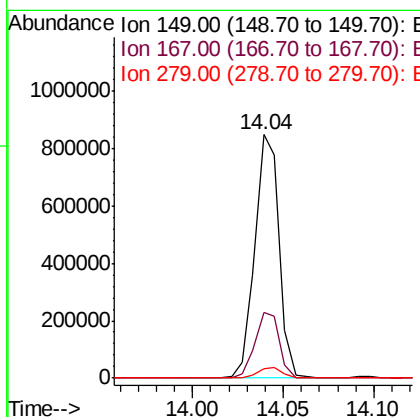
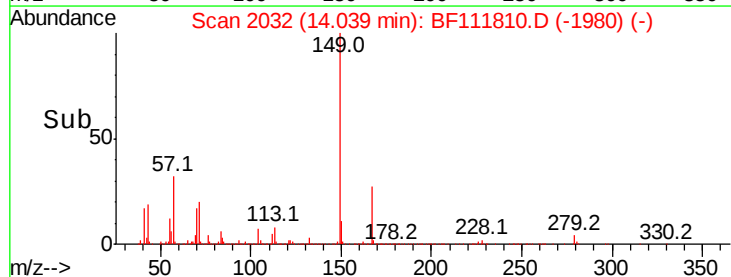
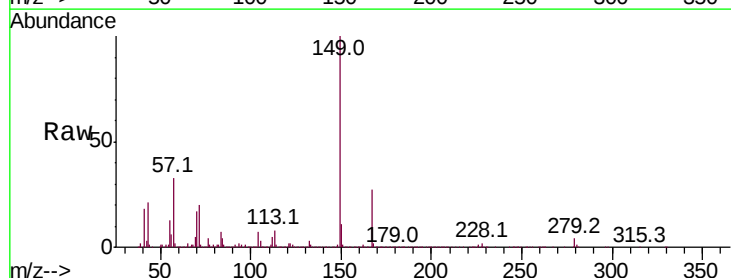
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-01

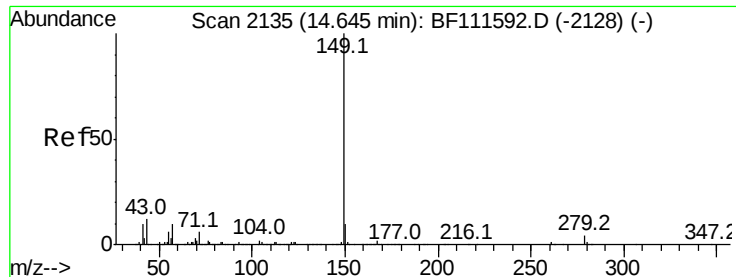
Tot Ion:228 Resp: 1038189
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.3 37.9
 229 19.7 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.372 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF111810.D
 Acq: 2 Jan 2019 15:16

Tgt Ion:149 Resp: 783490
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.5 33.7
 279 4.0 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 54.848 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

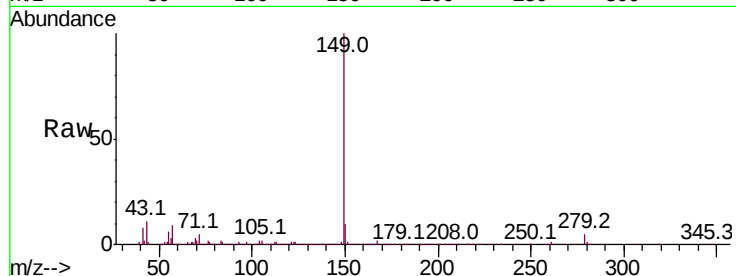
Tot Ion:149 Resp: 1181083

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

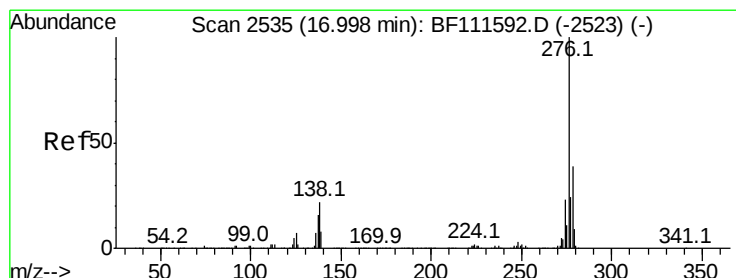
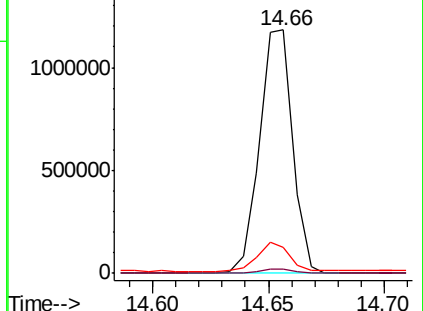
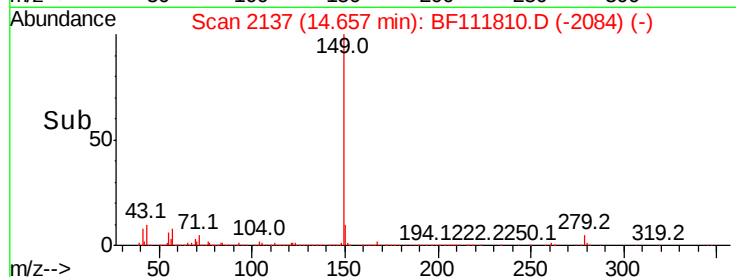
43 11.1 10.9 16.3



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: 67.971 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.07 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

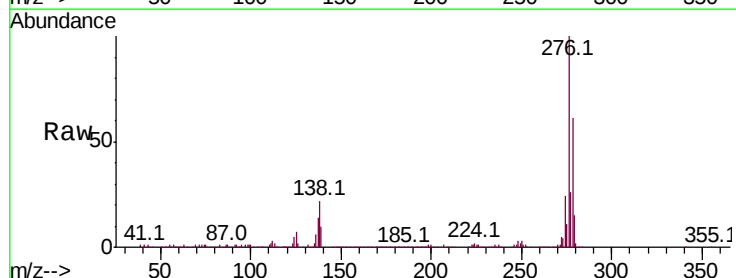
Tgt Ion:276 Resp: 1242338

Ion Ratio Lower Upper

276 100

138 22.4 27.8 41.6#

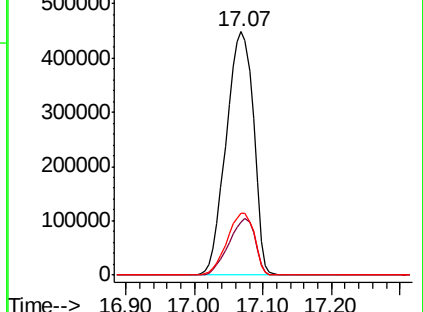
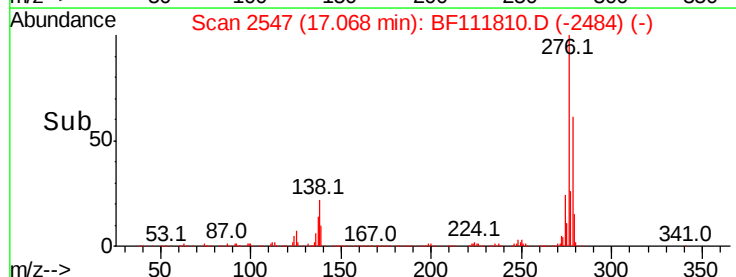
277 25.4 20.1 30.1

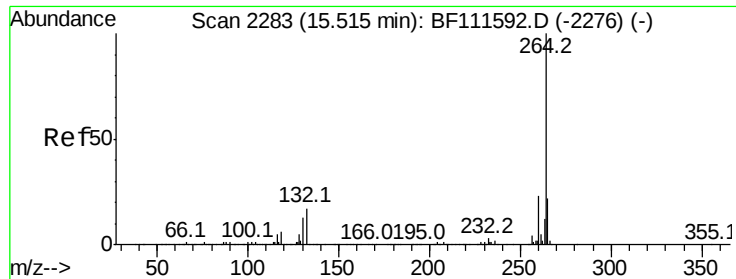


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF111810.D

Acq: 2 Jan 2019 15:16

Instrument :

BNA_F

ClientSampleId :

IDOC-01

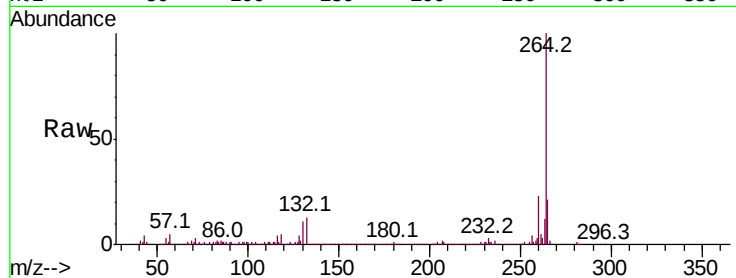
Tot Ion:264 Resp: 387465

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

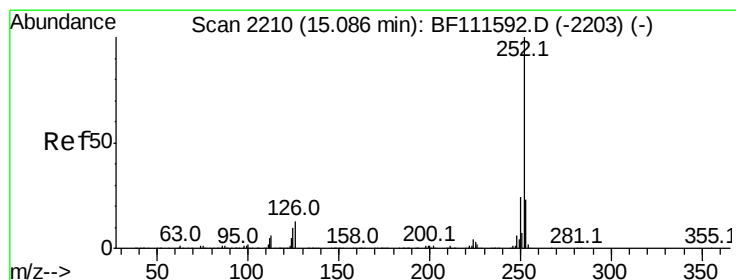
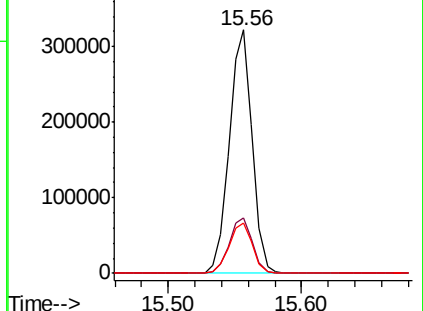
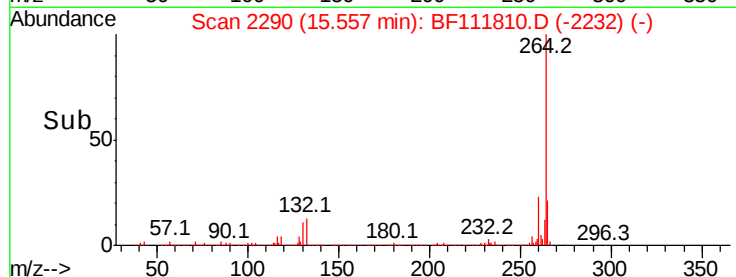
265 20.7 17.7 26.5



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: 45.912 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.04 min

Lab File: BF111810.D

Acq: 2 Jan 2019 15:16

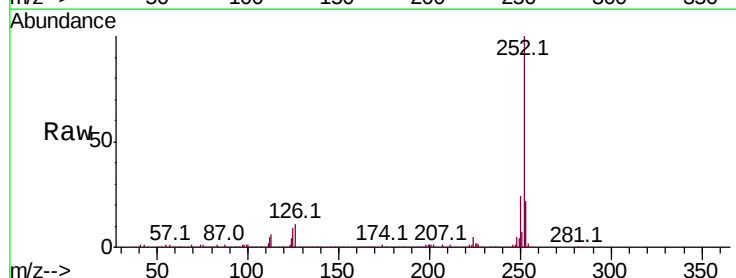
Tgt Ion:252 Resp: 1039669

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

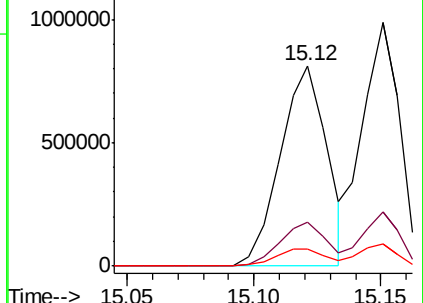
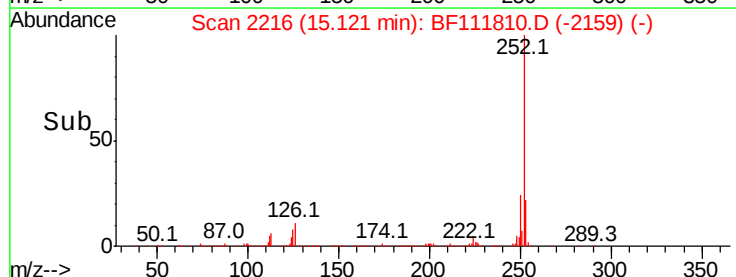
125 8.7 10.4 15.6#

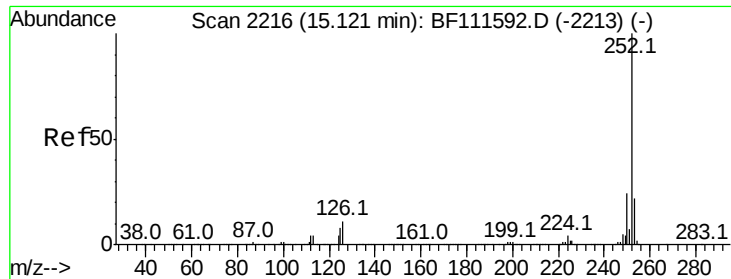


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

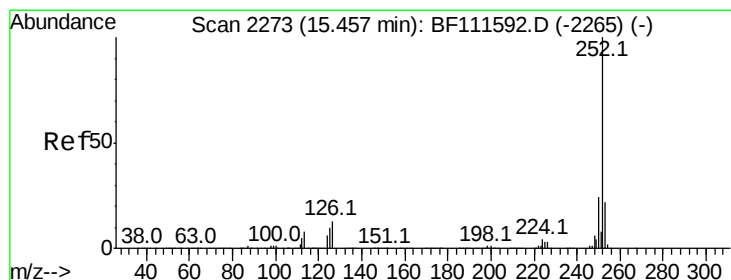
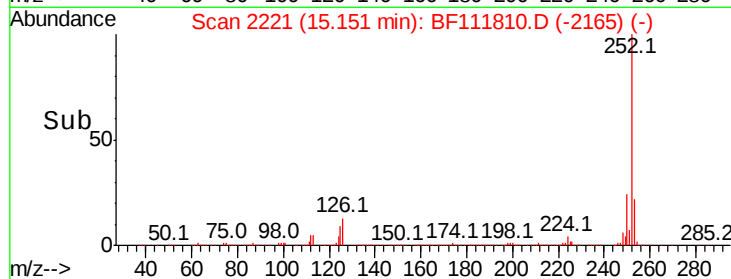
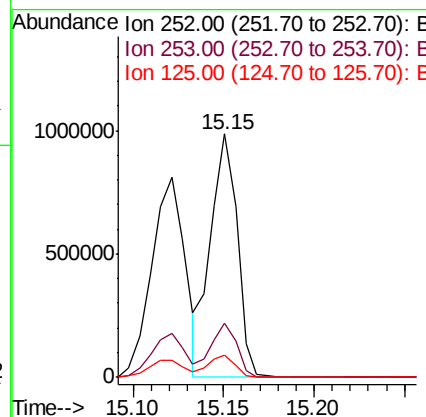
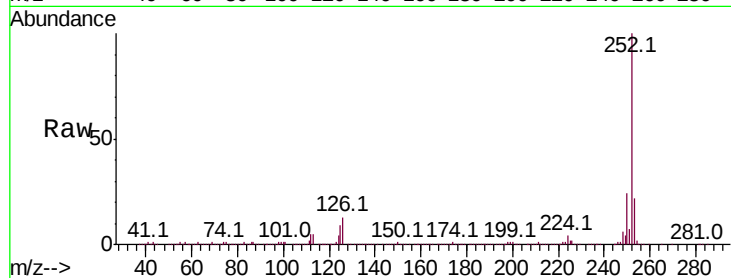




#89
Benzo(k)fluoranthene
Concen: 47.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

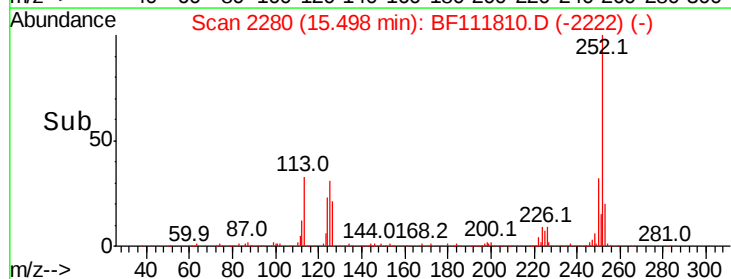
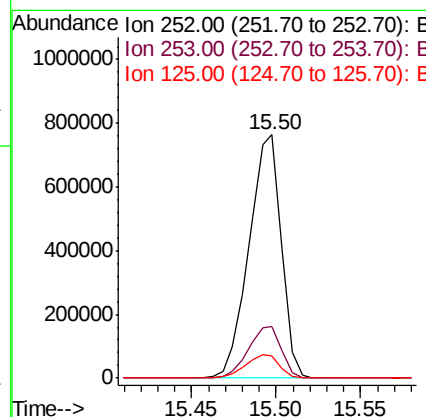
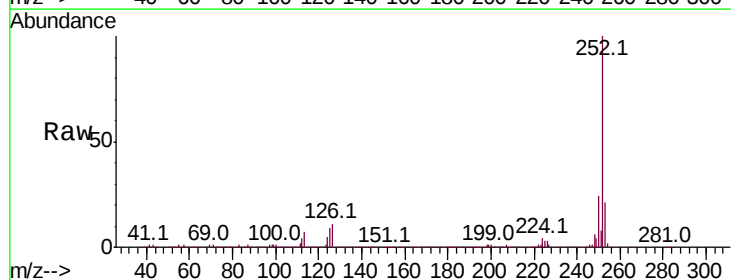
Instrument :
BNA_F
ClientSampled :
IDOC-01

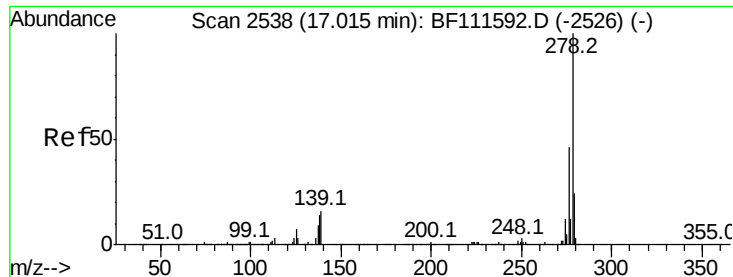
Tot Ion:252 Resp: 1013250
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 9.2 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 49.575 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:252 Resp: 1019908
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.8
125 9.1 12.3 18.5#

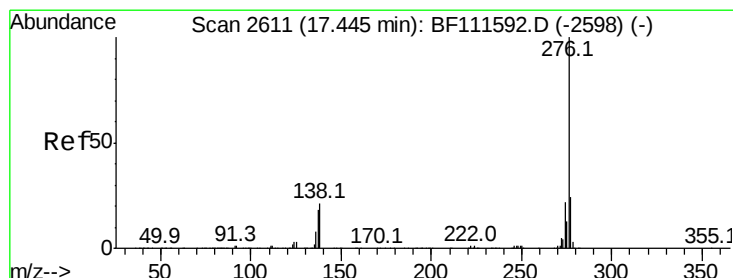
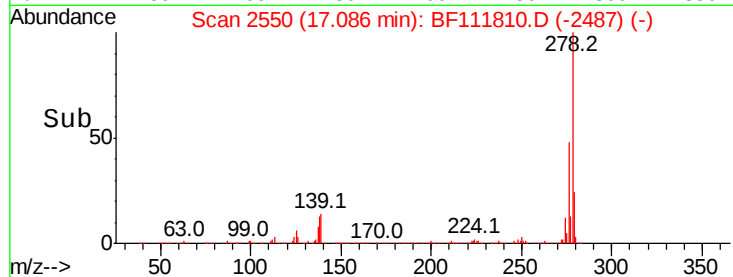
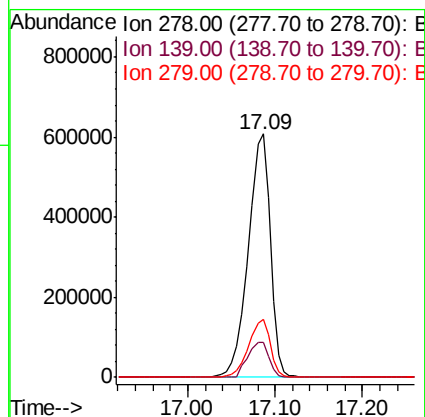
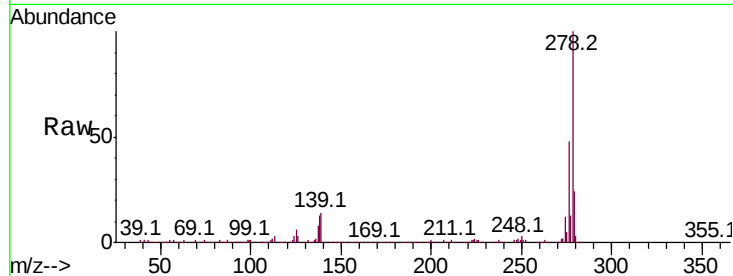




#91
Dibenzo(a,h)anthracene
Concen: 57.223 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.07 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Instrument :
BNA_F
ClientSampleId :
IDOC-01

Tot Ion:278 Resp: 1030896
Ion Ratio Lower Upper
278 100
139 14.4 18.2 27.4#
279 23.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 59.226 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.08 min
Lab File: BF111810.D
Acq: 2 Jan 2019 15:16

Tgt Ion:276 Resp: 1041879
Ion Ratio Lower Upper
276 100
277 24.5 19.2 28.8
138 19.3 24.9 37.3#

