

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111812.D
 Acq On : 2 Jan 2019 16:38
 Operator : JU/SJ
 Sample : IDOC-02
 Misc : BN-W-FE
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

Quant Time: Jan 03 03:22:24 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	148896	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	561950	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	296318	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	565537	20.00	ng	0.01
76) Chrysene-d12	14.07	240	381877	20.00	ng	0.02
87) Perylene-d12	15.56	264	371331	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	543993	62.28	ng	0.02
7) Phenol-d6	6.55	99	436126	39.23	ng	0.02
23) Nitrobenzene-d5	7.46	82	984106	101.94	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	510083	145.69	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1817030	89.38	ng	0.00
79) Terphenyl-d14	13.02	244	1985582	98.60	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	58566	14.250	ng	95
3) Pyridine	3.48	79	134794	12.589	ng	97
4) n-Nitrosodimethylamine	3.41	42	90354	17.243	ng	83
6) Aniline	6.56	93	354701	25.031	ng	97
8) 2-Chlorophenol	6.70	128	353999	36.583	ng	95
9) Benzaldehyde	6.45	77	210648	27.551	ng	90
10) Phenol	6.56	94	170303	13.577	ng	# 44
11) bis(2-Chloroethyl)ether	6.63	93	402253	42.796	ng	98
12) 1,3-Dichlorobenzene	6.85	146	413996	36.918	ng	98
13) 1,4-Dichlorobenzene	6.92	146	425115	37.380	ng	98
14) 1,2-Dichlorobenzene	7.07	146	404897	38.159	ng	98
15) Benzyl Alcohol	7.04	79	248835	28.184	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	664062	38.360	ng	82
17) 2-Methylphenol	7.16	107	231762	29.912	ng	# 89
18) Hexachloroethane	7.42	117	144483	37.700	ng	# 87
19) n-Nitroso-di-n-propylamine	7.32	70	317789	43.044	ng	99
20) 3+4-Methylphenols	7.32	107	260893	26.648	ng	# 82
22) Acetophenone	7.31	105	606008	42.568	ng	# 89
24) Nitrobenzene	7.48	77	471155	46.564	ng	98
25) Isophorone	7.72	82	850387	49.617	ng	98
26) 2-Nitrophenol	7.80	139	226884	55.287	ng	92
27) 2,4-Dimethylphenol	7.85	122	334581	41.360	ng	96
28) bis(2-Chloroethoxy)methane	7.93	93	529041	46.387	ng	97
29) 2,4-Dichlorophenol	8.05	162	372016	42.755	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	395200	40.759	ng	98
31) Naphthalene	8.21	128	1221521	45.240	ng	97
32) Benzoic acid	7.92	122	38776	7.250	ng	93
33) 4-Chloroaniline	8.25	127	405358	34.734	ng	98
34) Hexachlorobutadiene	8.33	225	232068	39.271	ng	98
35) Caprolactam	8.61	113	17271	5.858	ng	92
36) 4-Chloro-3-methylphenol	8.74	107	347629	40.644	ng	97
37) 2-Methylnaphthalene	8.90	142	869514	49.497	ng	98
38) 1-Methylnaphthalene	9.00	142	822110	48.728	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	420786	43.215	ng	98

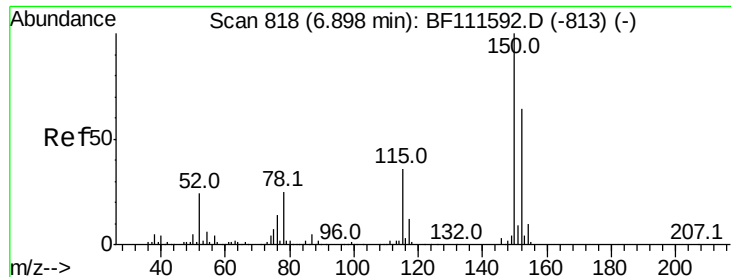
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010219\
 Data File : BF111812.D
 Acq On : 2 Jan 2019 16:38
 Operator : JU/SJ
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Quant Time: Jan 03 03:22:24 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	521061	110.277	ng	99
43) 2,4,6-Trichlorophenol	9.18	196	281553	43.310	ng	98
44) 2,4,5-Trichlorophenol	9.22	196	297999	44.683	ng	96
46) 1,1'-Biphenyl	9.36	154	1101122	44.021	ng	95
47) 2-Chloronaphthalene	9.39	162	854835	43.134	ng	93
48) 2-Nitroaniline	9.48	65	270360	52.439	ng	96
49) Acenaphthylene	9.80	152	1365723	47.199	ng	95
50) Dimethylphthalate	9.66	163	1036242	47.822	ng	97
51) 2,6-Dinitrotoluene	9.72	165	232433	53.795	ng	96
52) Acenaphthene	9.98	154	891042	49.928	ng	98
53) 3-Nitroaniline	9.89	138	189298	41.080	ng	93
54) 2,4-Dinitrophenol	10.00	184	168494	117.721	ng	86
55) Dibenzofuran	10.15	168	1228432	45.561	ng	95
56) 4-Nitrophenol	10.06	139	113396	32.245	ng	93
57) 2,4-Dinitrotoluene	10.13	165	316347	60.918	ng	# 91
58) Fluorene	10.49	166	965786	49.709	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	266719	47.522	ng	90
60) Diethylphthalate	10.36	149	1014978	47.751	ng	100
61) 4-Chlorophenyl-phenylether	10.48	204	487507	45.417	ng	94
62) 4-Nitroaniline	10.50	138	219038	48.907	ng	88
63) Azobenzene	10.64	77	950002	44.519	ng	96
65) 4,6-Dinitro-2-methylphenol	10.54	198	127118	53.496	ng	# 70
66) n-Nitrosodiphenylamine	10.60	169	855576	45.068	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	318486	45.404	ng	96
68) Hexachlorobenzene	11.05	284	355782	45.491	ng	94
69) Atrazine	11.13	200	295219	44.763	ng	94
70) Pentachlorophenol	11.24	266	315636	65.281	ng	96
71) Phenanthrene	11.46	178	1435420	47.859	ng	95
72) Anthracene	11.51	178	1469856	48.825	ng	95
73) Carbazole	11.66	167	1249857	42.763	ng	96
74) Di-n-butylphthalate	11.99	149	1553214	47.397	ng	96
75) Fluoranthene	12.64	202	1365335	44.954	ng	94
77) Benzidine	12.76	184	519088	36.123	ng	96
78) Pyrene	12.87	202	1342468	49.781	ng	97
80) Butylbenzylphthalate	13.48	149	562679	51.187	ng	92
81) Benzo(a)anthracene	14.06	228	1085938	49.828	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	338055	39.259	ng	# 95
83) Chrysene	14.10	228	1018856	47.566	ng	97
84) Bis(2-ethylhexyl)phthalate	14.04	149	771821	55.742	ng	# 98
85) Di-n-octyl phthalate	14.66	149	1146609	53.448	ng	95
86) Indeno(1,2,3-cd)pyrene	17.07	276	1175255	64.543	ng	# 87
88) Benzo(b)fluoranthene	15.12	252	985590	45.414	ng	# 96
89) Benzo(k)fluoranthene	15.15	252	1001911	48.493	ng	# 97
90) Benzo(a)pyrene	15.50	252	994137	50.422	ng	# 94
91) Dibenzo(a,h)anthracene	17.09	278	974862	56.464	ng	# 91
92) Benzo(g,h,i)perylene	17.53	276	982863	58.299	ng	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

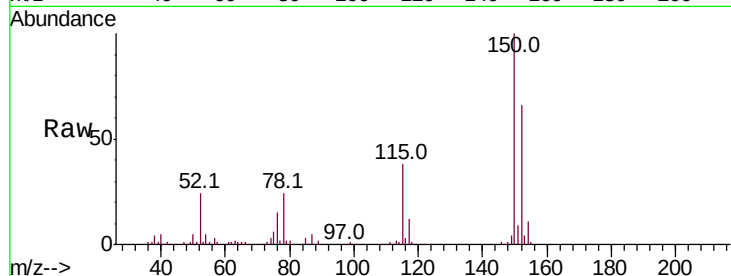
Tot Ion:152 Resp: 148896

Ion Ratio Lower Upper

152 100

150 151.6 126.6 189.8

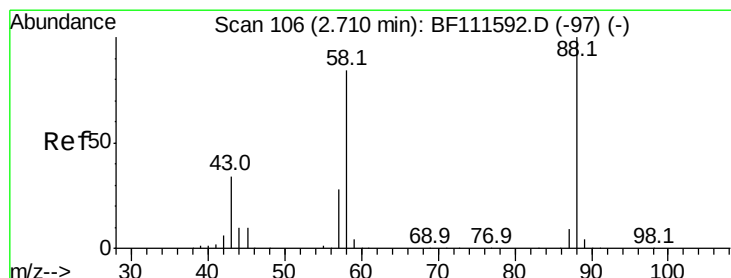
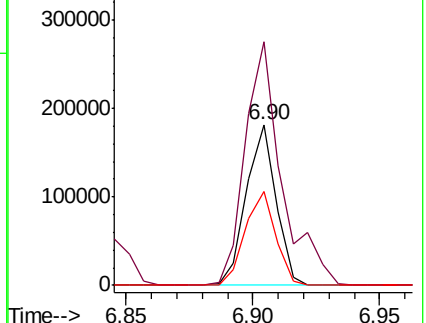
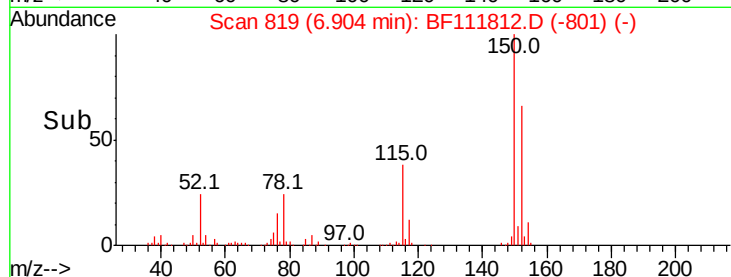
115 58.3 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 14.250 ng

RT: 2.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

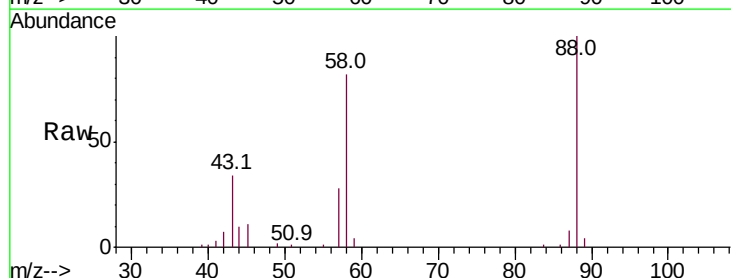
Tgt Ion: 88 Resp: 58566

Ion Ratio Lower Upper

88 100

58 81.1 68.9 103.3

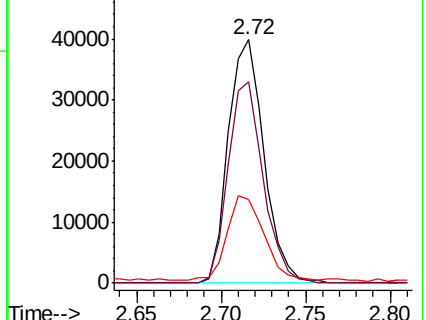
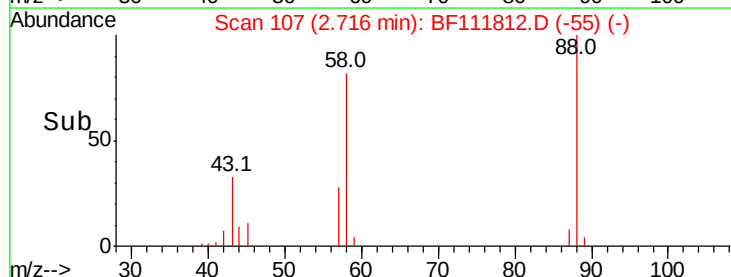
43 34.8 25.8 38.6

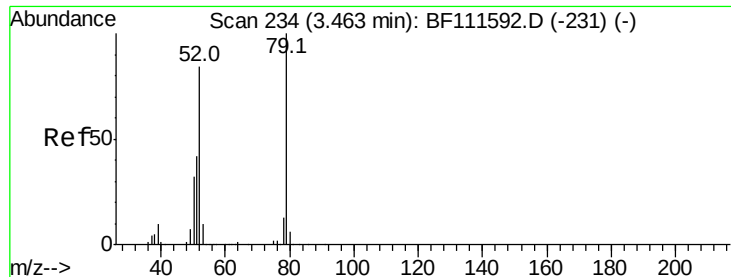


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 12.589 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

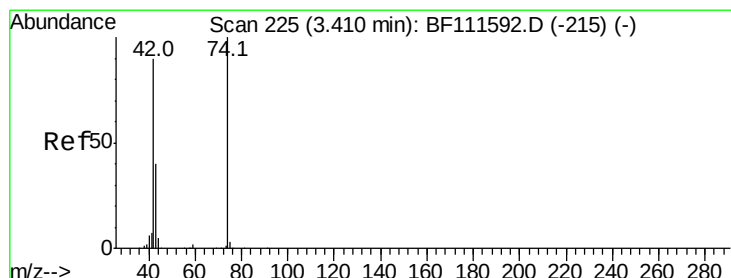
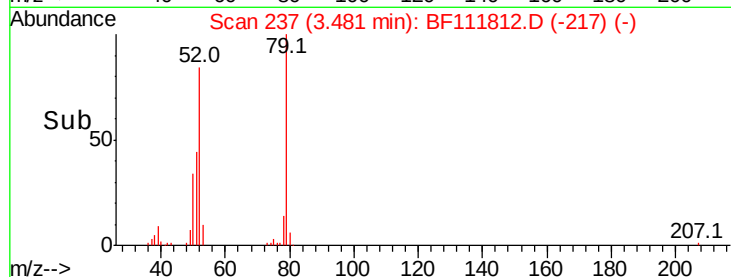
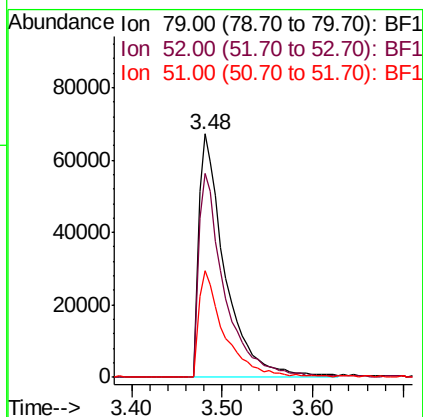
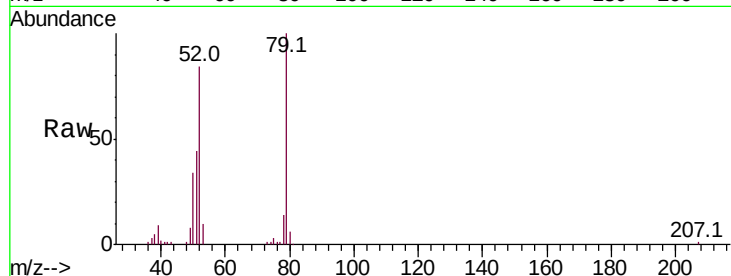
Tot Ion: 79 Resp: 134794

Ion Ratio Lower Upper

79 100

52 83.9 68.3 102.5

51 44.0 32.6 49.0



#4

n-Nitrosodimethylamine

Concen: 17.243 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.00 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

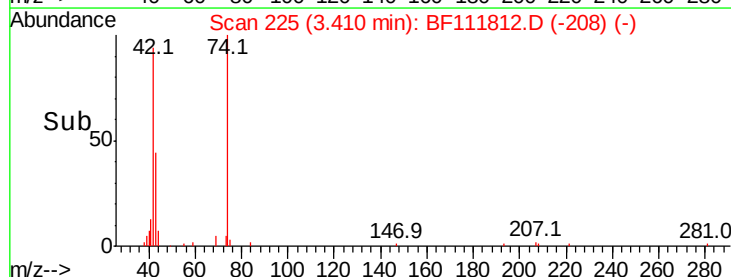
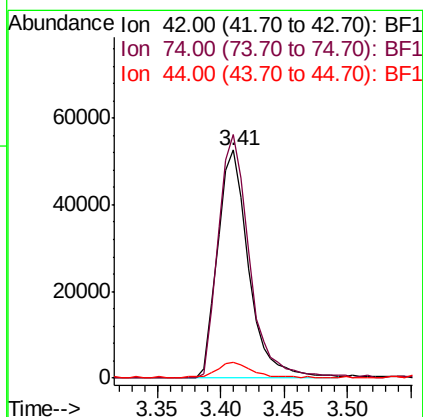
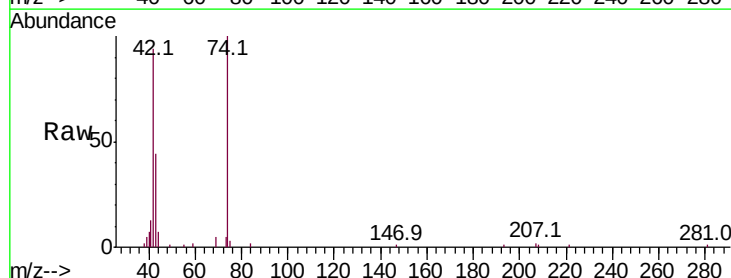
Tgt Ion: 42 Resp: 90354

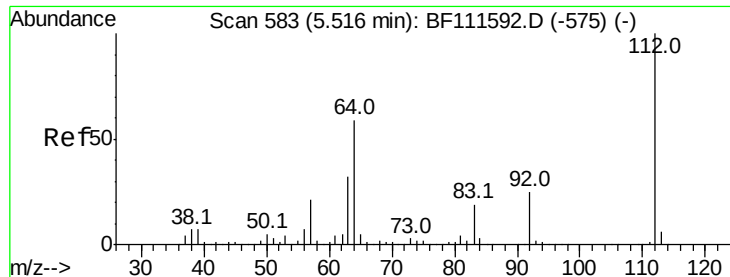
Ion Ratio Lower Upper

42 100

74 106.8 101.5 152.3

44 7.1 6.0 9.0

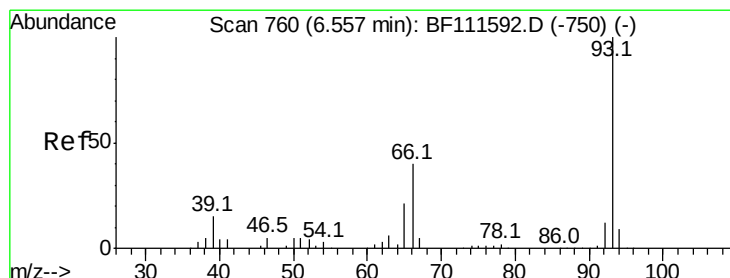
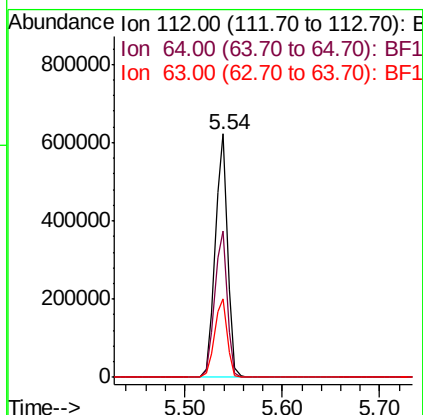
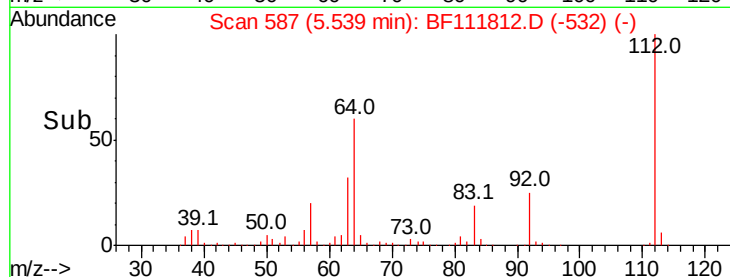
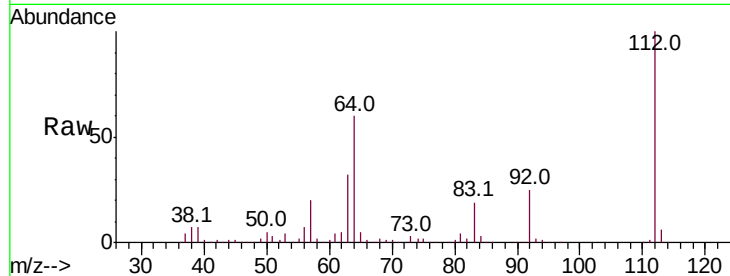




#5
 2-Fluorophenol
 Concen: 62.275 ng
 RT: 5.54 min Scan# 587
 Delta R.T. 0.02 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

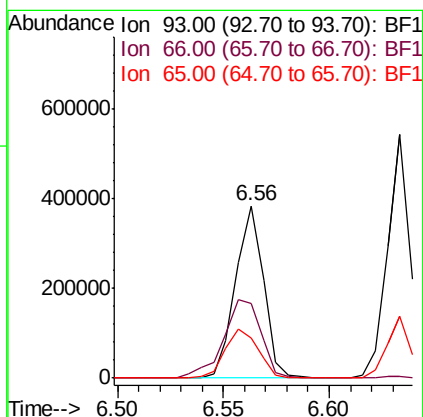
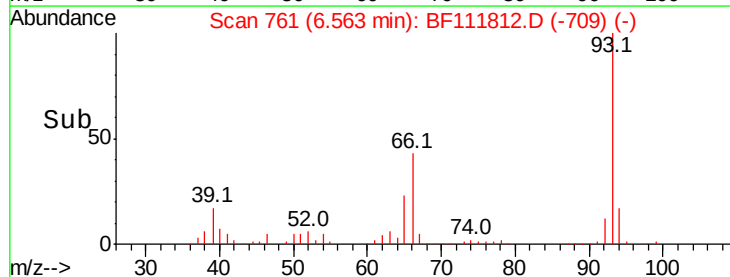
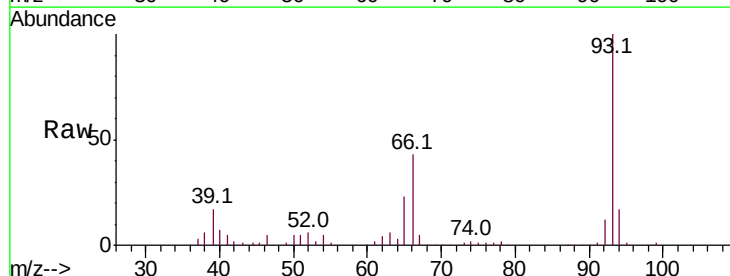
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

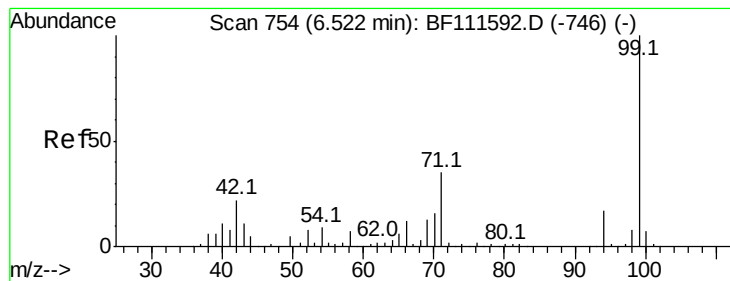
Tot Ion:	112	Resp:	543993
Ion	Ratio	Lower	Upper
112	100		
64	60.0	51.8	77.6
63	32.3	26.8	40.2



#6
 Aniline
 Concen: 25.031 ng
 RT: 6.56 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Tgt Ion:	93	Resp:	354701
Ion	Ratio	Lower	Upper
93	100		
66	43.3	33.2	49.8
65	23.4	17.0	25.4





#7

Phenol-d6

Concen: 39.231 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

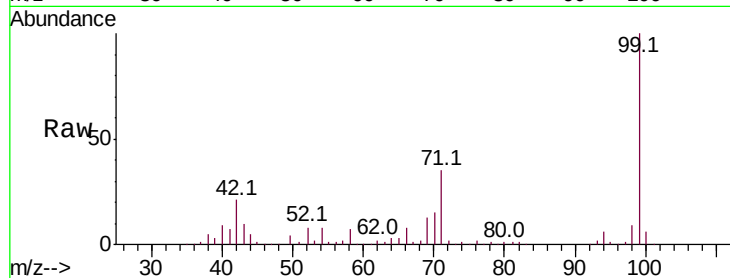
Tot Ion: 99 Resp: 436126

Ion Ratio Lower Upper

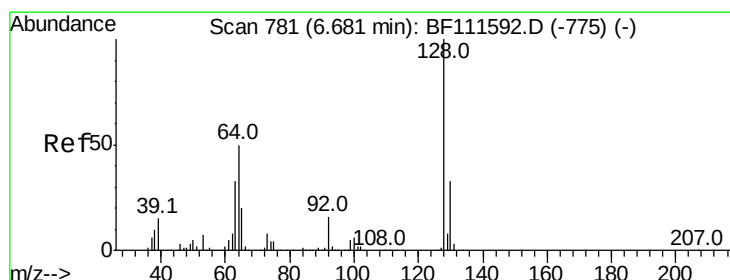
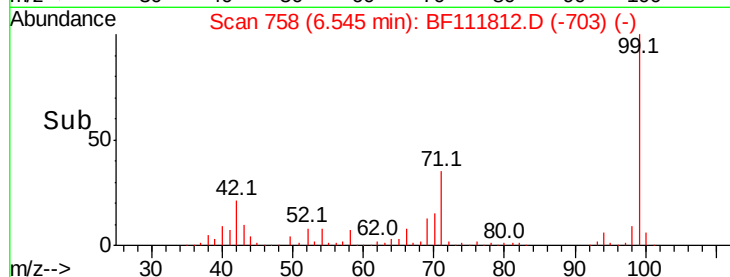
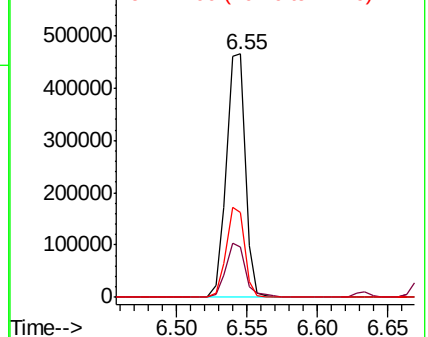
99 100

42 20.6 17.4 26.0

71 35.0 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: 36.583 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

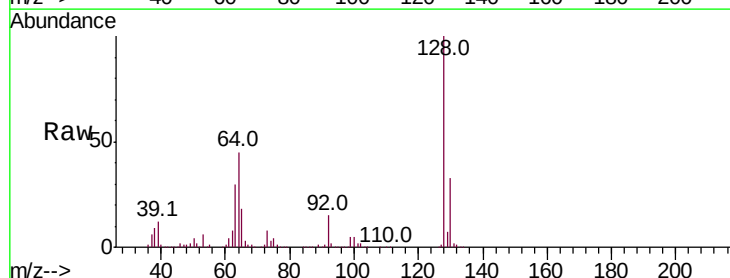
Tgt Ion:128 Resp: 353999

Ion Ratio Lower Upper

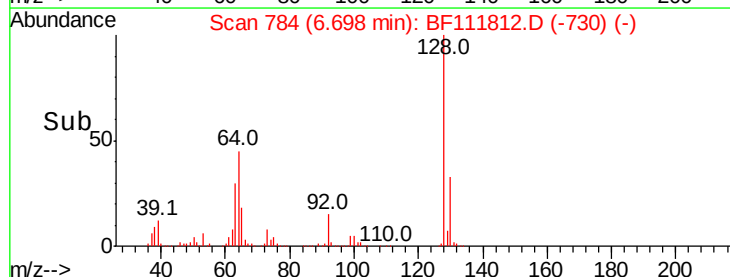
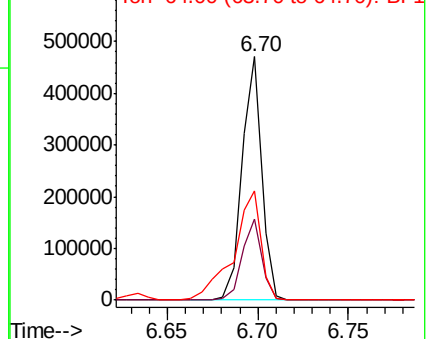
128 100

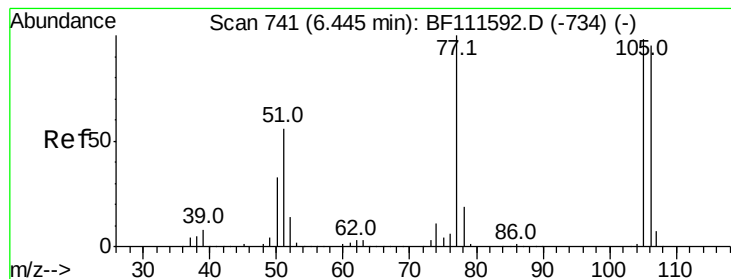
130 33.1 12.7 52.7

64 45.1 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: 27.551 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

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ClientSampleId :

IDOC-02

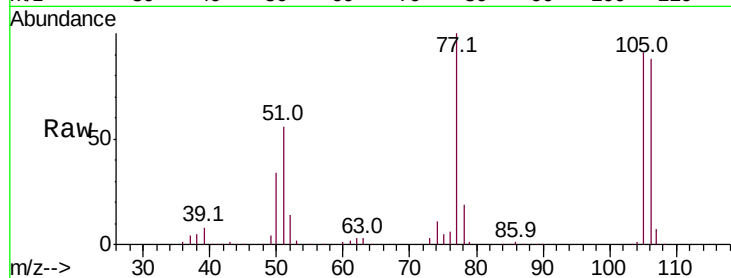
Tot Ion: 77 Resp: 210648

Ion Ratio Lower Upper

77 100

105 91.4 81.4 121.4

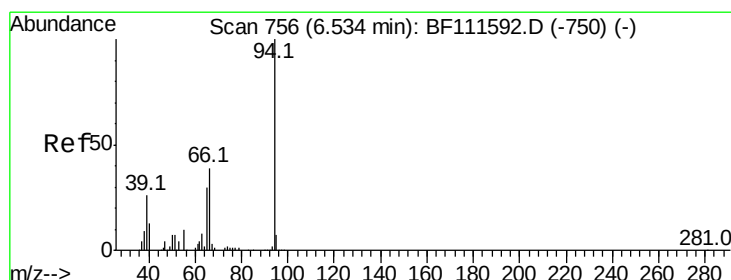
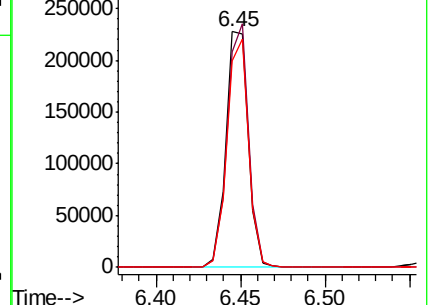
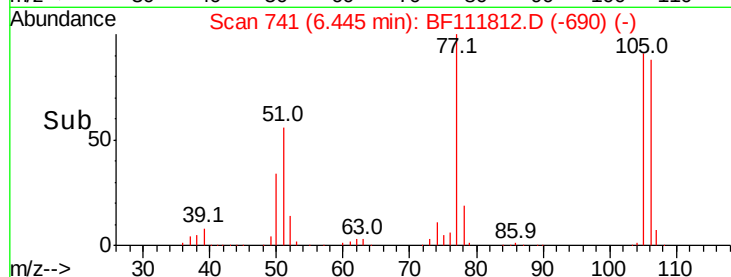
106 87.7 77.9 117.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 13.577 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

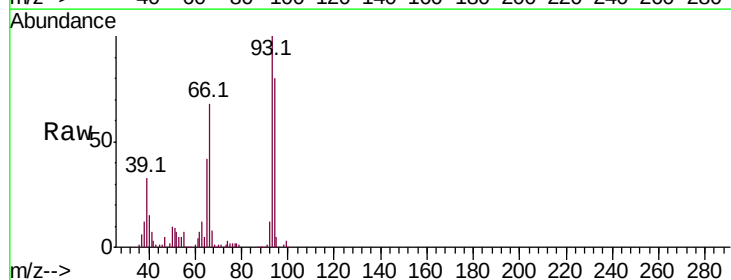
Tgt Ion: 94 Resp: 170303

Ion Ratio Lower Upper

94 100

65 52.8 11.7 51.7#

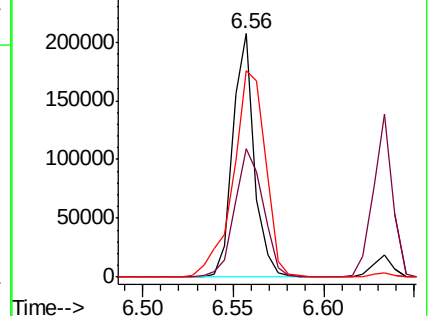
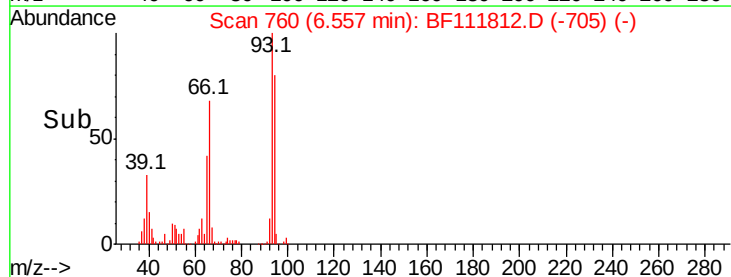
66 85.0 21.0 61.0#

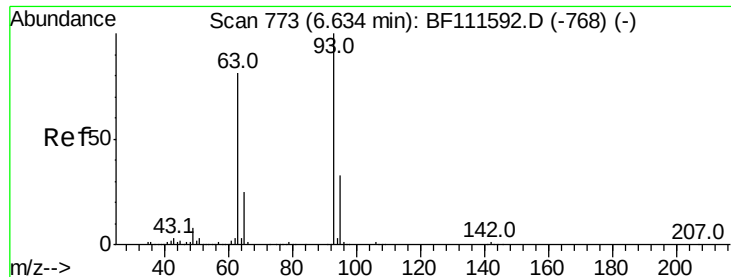


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.796 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

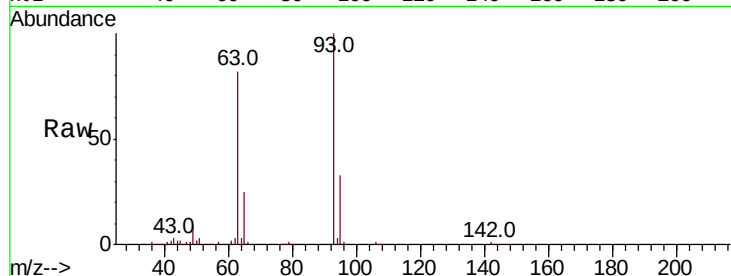
Tot Ion: 93 Resp: 402253

Ion Ratio Lower Upper

93 100

63 82.1 60.0 100.0

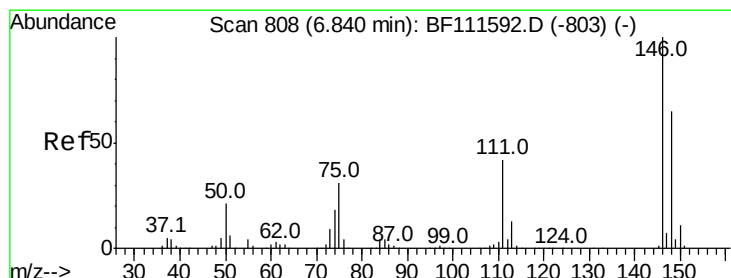
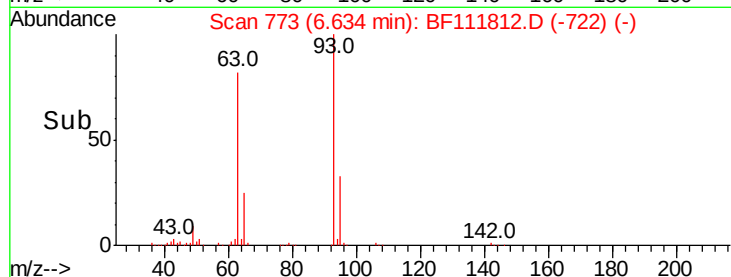
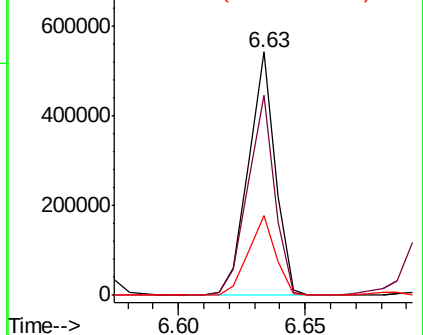
95 32.9 13.4 53.4



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: 36.918 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

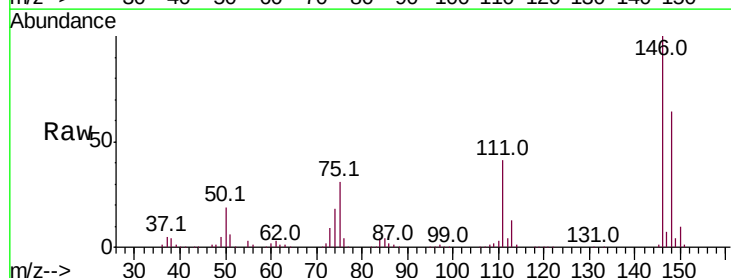
Tgt Ion: 146 Resp: 413996

Ion Ratio Lower Upper

146 100

148 63.9 52.1 78.1

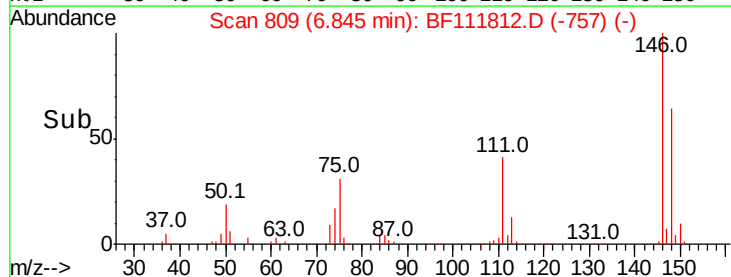
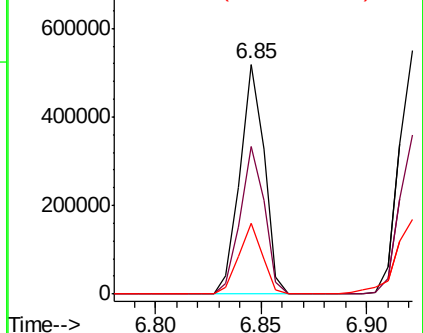
75 30.7 23.9 35.9

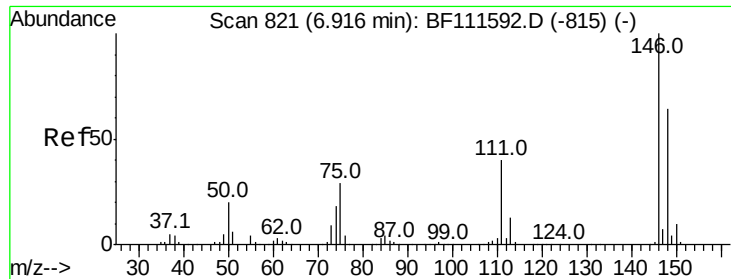


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

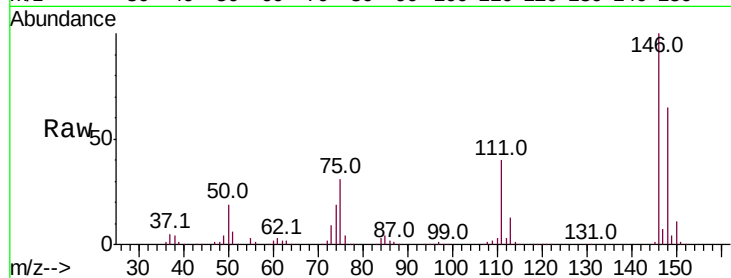




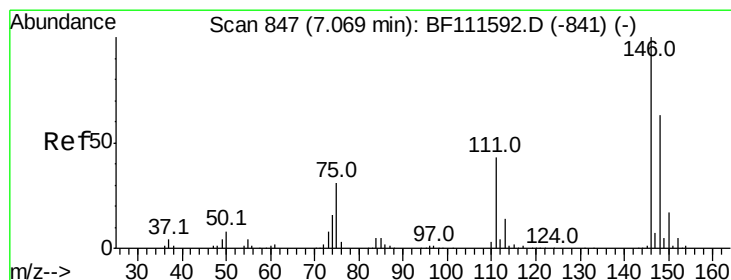
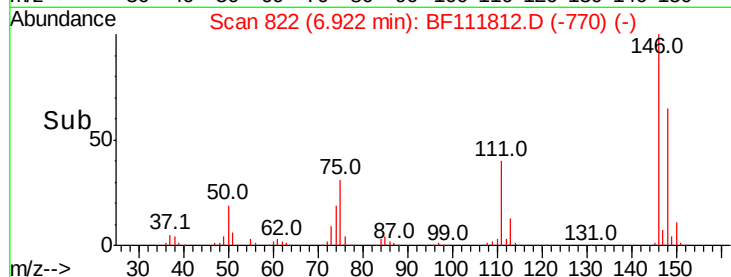
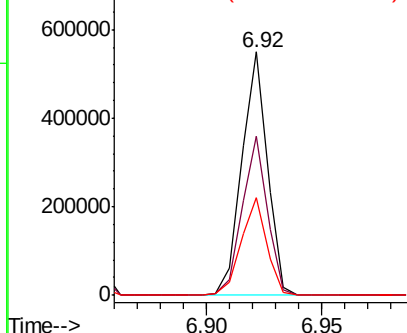
#13
 1,4-Dichlorobenzene
 Concen: 37.380 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

Tot Ion:146 Resp: 425115
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.8 79.2
 111 40.0 33.4 50.0

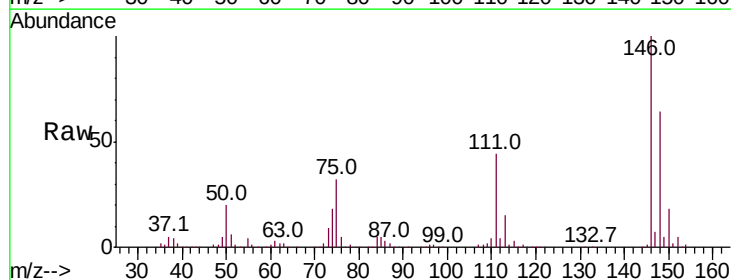


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

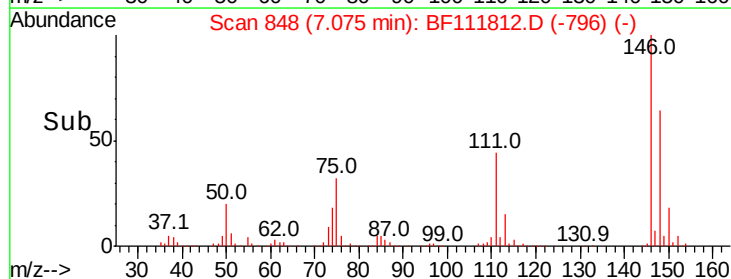
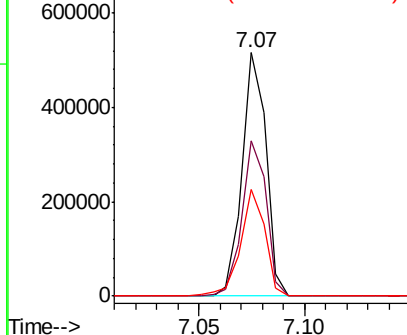


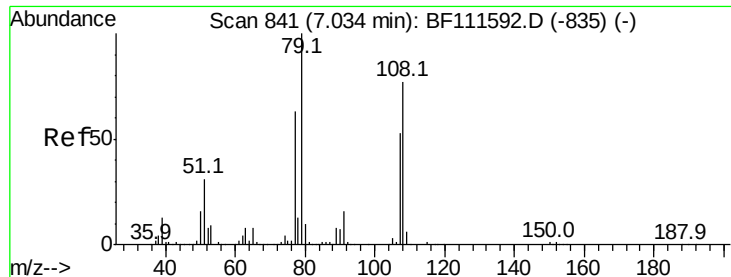
#14
 1,2-Dichlorobenzene
 Concen: 38.159 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Tgt Ion:146 Resp: 404897
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.9 77.9
 111 43.6 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: 28.184 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

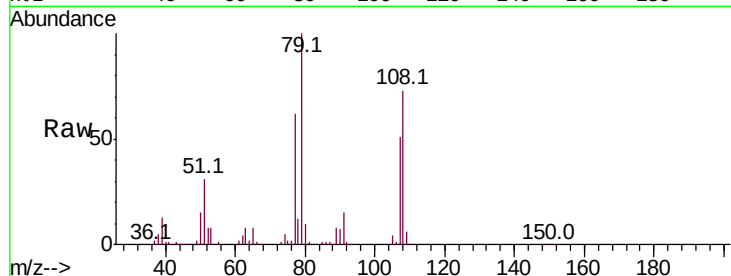
Tot Ion: 79 Resp: 248835

Ion Ratio Lower Upper

79 100

108 73.2 69.4 104.2

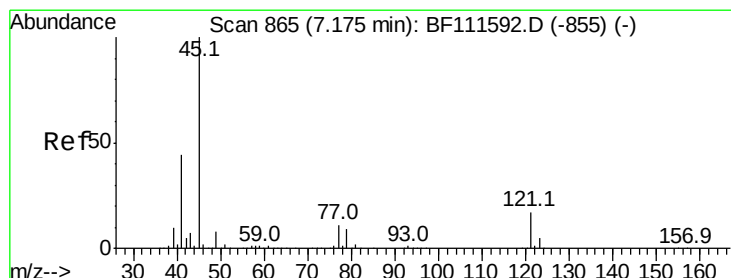
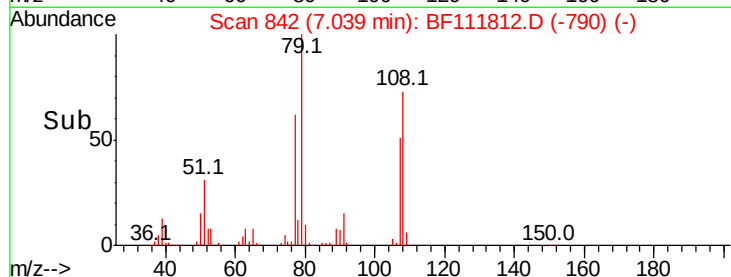
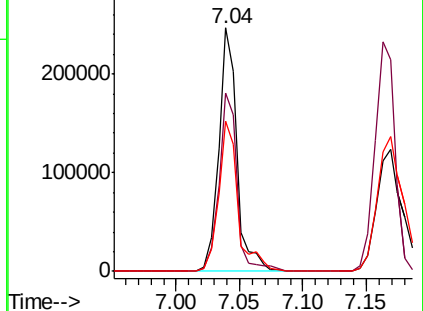
77 61.9 49.7 74.5



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: 38.360 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

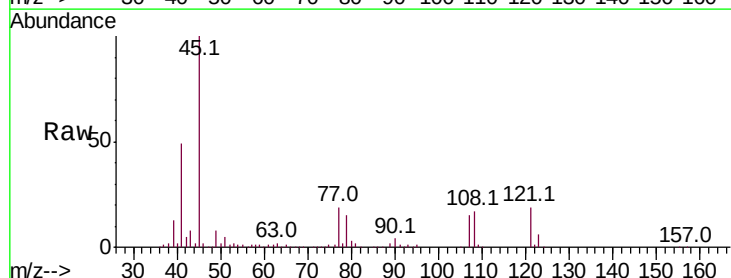
Tgt Ion: 45 Resp: 664062

Ion Ratio Lower Upper

45 100

77 18.7 0.0 31.5

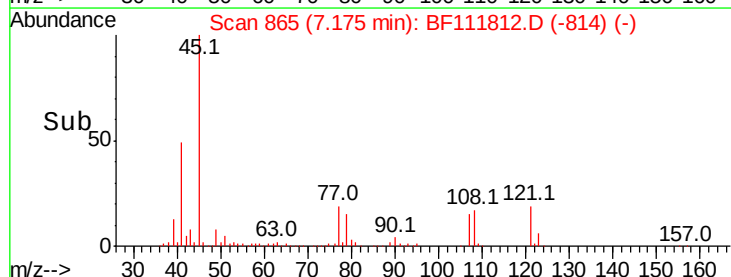
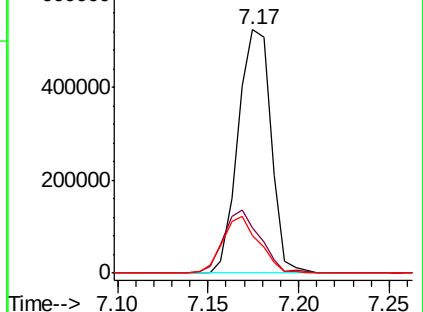
79 15.4 0.0 28.9

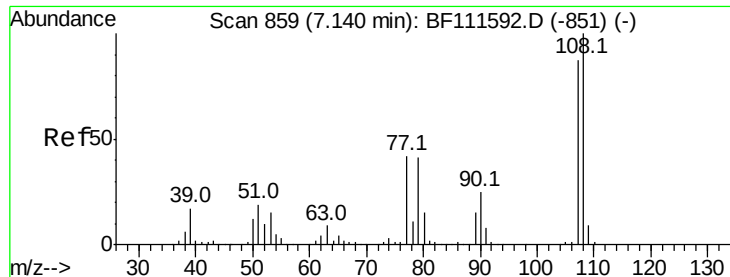


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

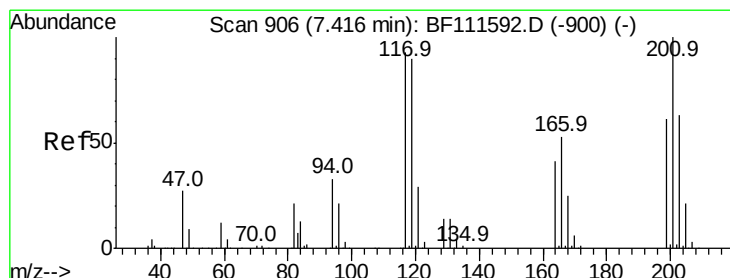
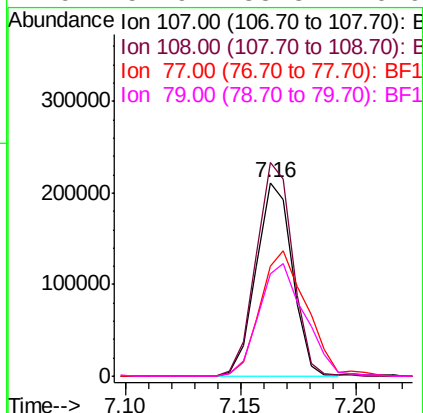
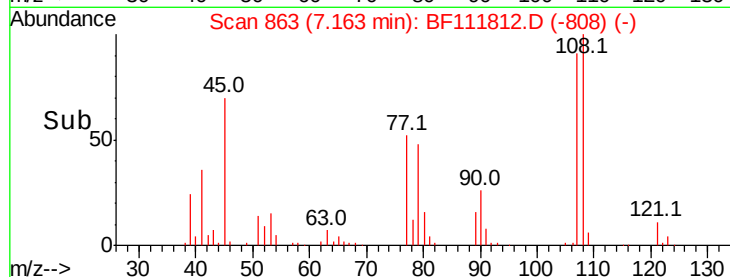
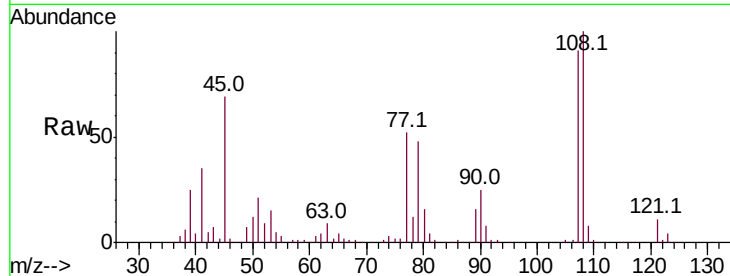




#17
2-Methylphenol
Concen: 29.912 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

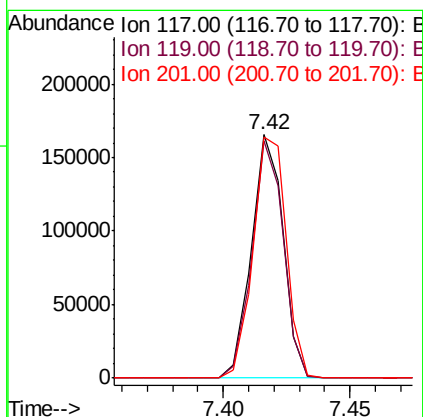
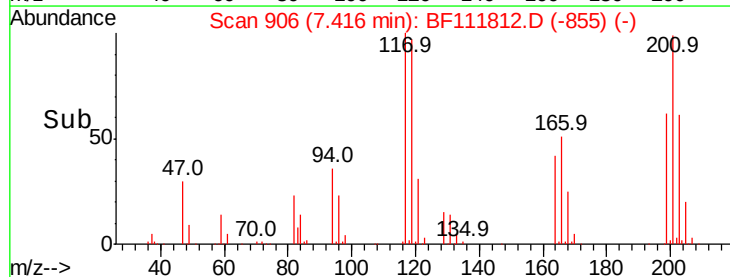
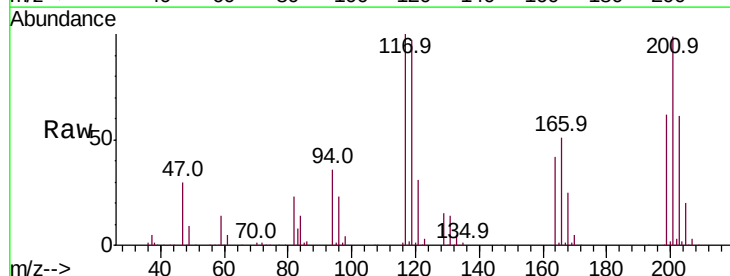
Instrument :
BNA_F
ClientSampleId :
IDOC-02

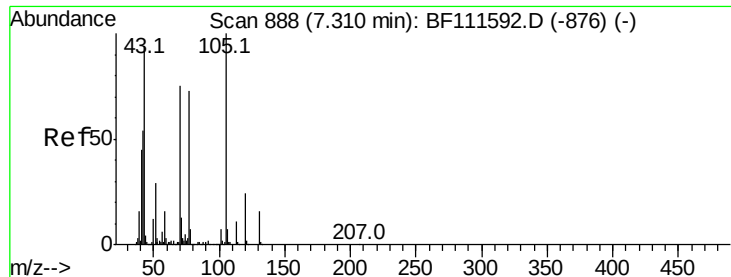
Tot Ion:107 Resp: 231762
Ion Ratio Lower Upper
107 100
108 110.2 91.0 136.4
77 57.1 33.5 50.3#
79 52.9 33.3 49.9#



#18
Hexachloroethane
Concen: 37.700 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Tgt Ion:117 Resp: 144483
Ion Ratio Lower Upper
117 100
119 97.2 75.4 113.0
201 99.0 62.4 93.6#

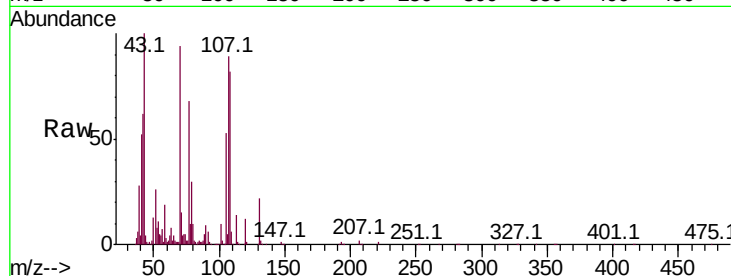




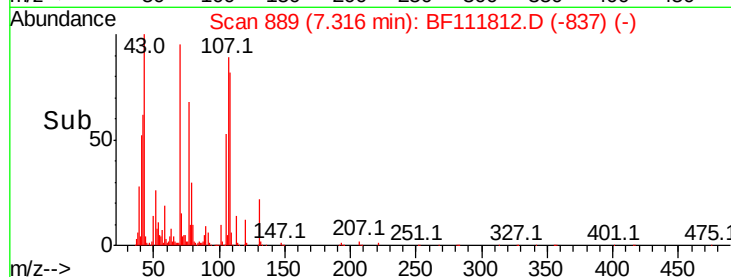
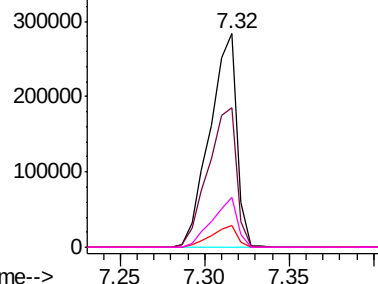
#19
n-Nitroso-di-n-propylamine
Concen: 43.044 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Instrument :
BNA_F
ClientSampleId :
IDOC-02

Tot Ion: 70 Resp: 317789
Ion Ratio Lower Upper
70 100
42 65.2 53.2 79.8
101 10.2 8.2 12.4
130 23.1 18.1 27.1



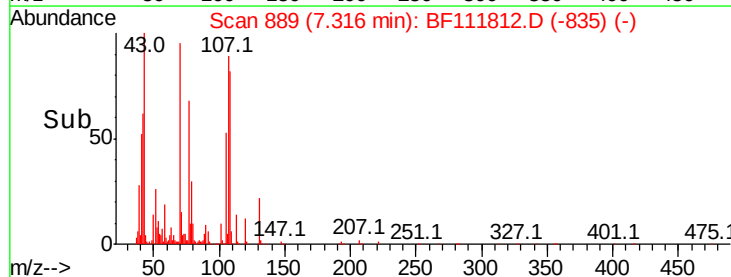
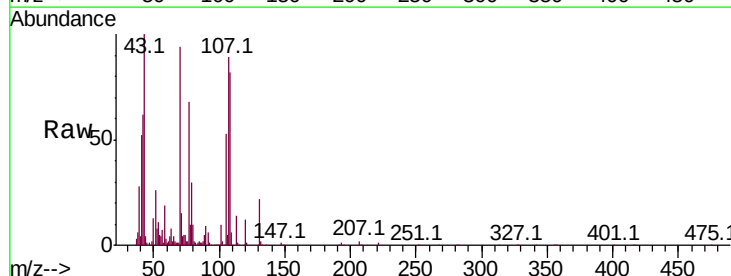
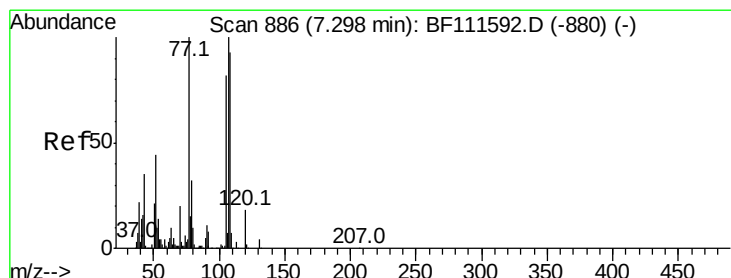
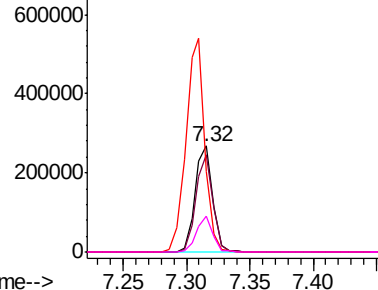
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

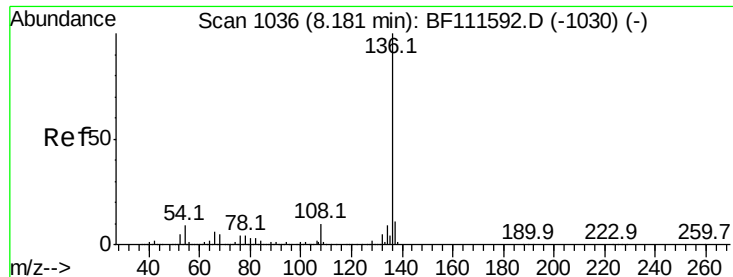


#20
3+4-Methylphenols
Concen: 26.648 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.02 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Tgt Ion:107 Resp: 260893
Ion Ratio Lower Upper
107 100
108 92.1 72.1 112.1
77 76.0 94.1 134.1#
79 33.9 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: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

Tot Ion:136 Resp: 561950

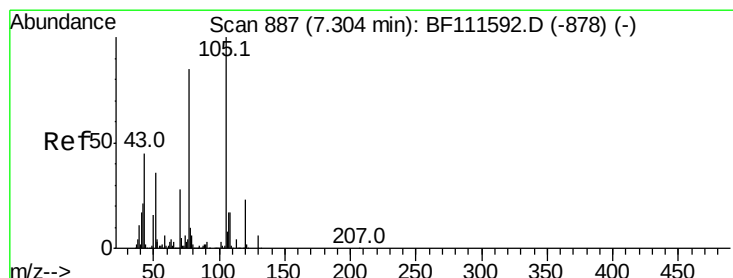
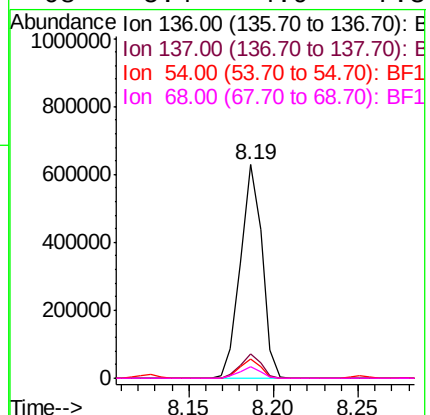
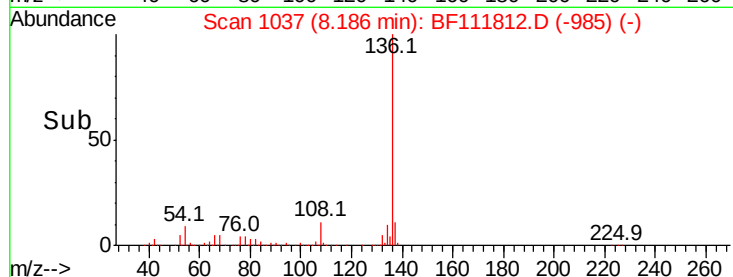
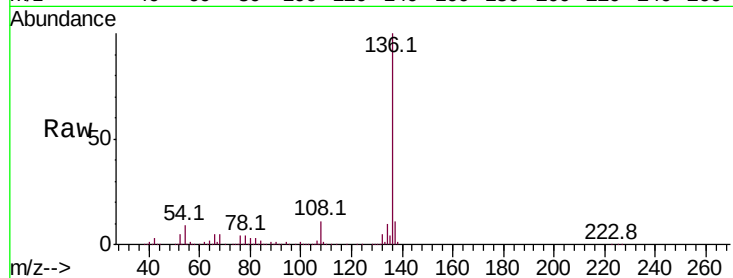
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.9 7.7 11.5

68 5.4 4.9 7.3



#22

Acetophenone

Concen: 42.568 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Tgt Ion:105 Resp: 606008

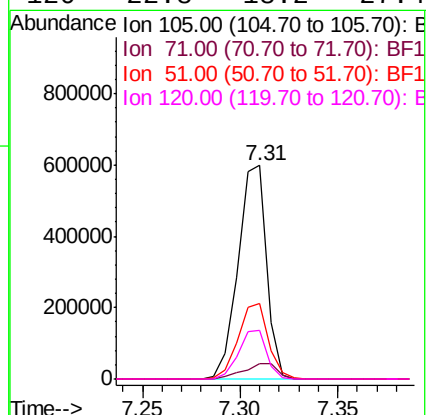
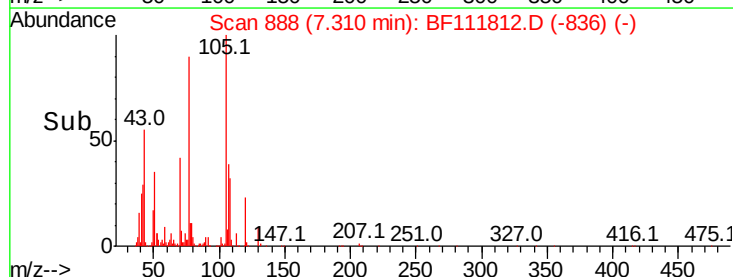
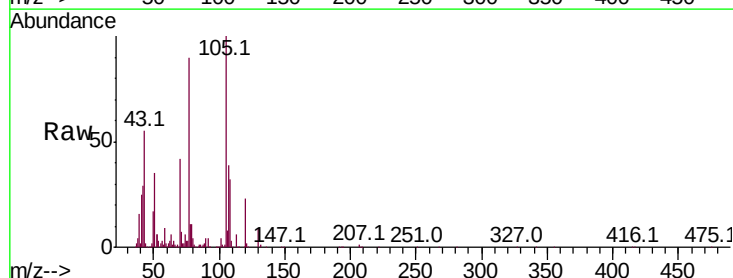
Ion Ratio Lower Upper

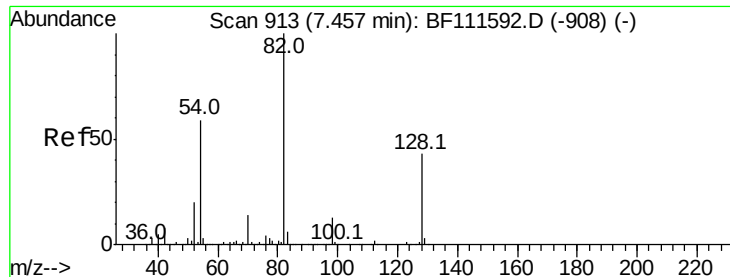
105 100

71 7.1 3.1 4.7#

51 35.1 36.6 54.8#

120 22.8 18.2 27.4

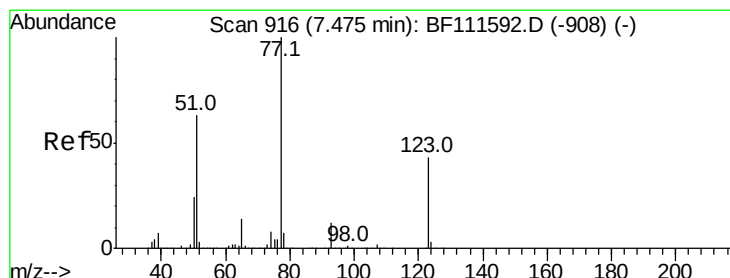
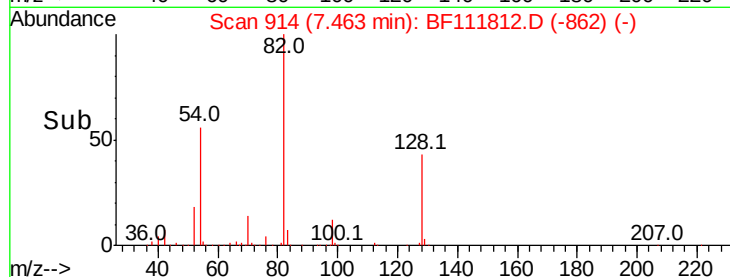
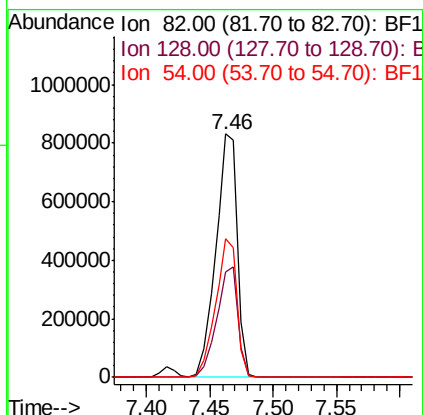
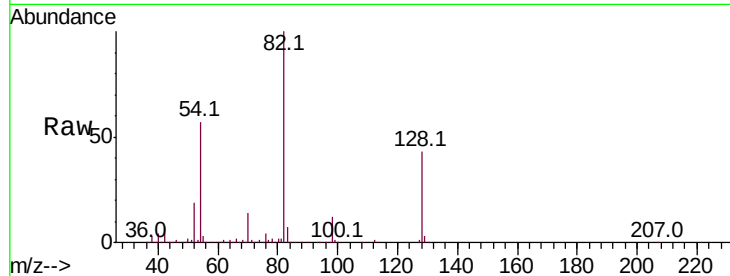




#23
Nitrobenzene-d5
Concen: 101.935 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

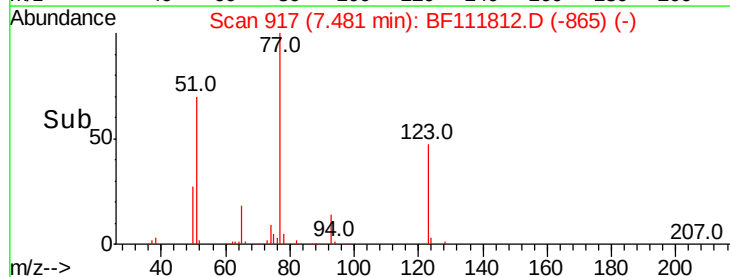
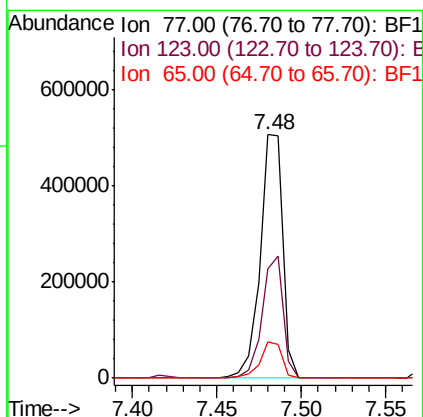
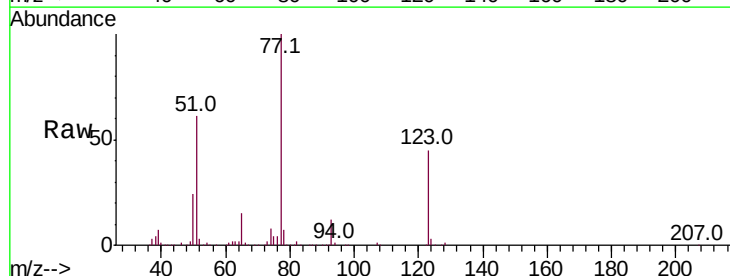
Instrument :
BNA_F
ClientSampled :
IDOC-02

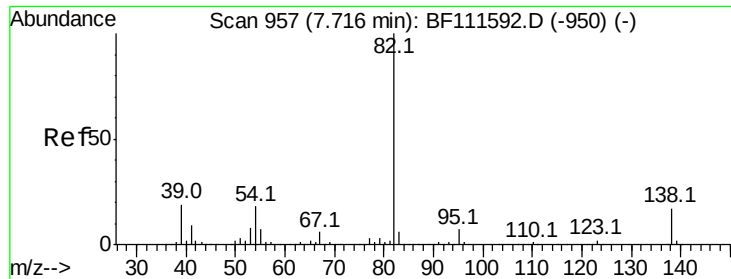
Tot Ion: 82 Resp: 984106
Ion Ratio Lower Upper
82 100
128 43.2 37.4 56.2
54 56.9 47.6 71.4



#24
Nitrobenzene
Concen: 46.564 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Tgt Ion: 77 Resp: 471155
Ion Ratio Lower Upper
77 100
123 44.7 37.2 55.8
65 14.7 11.5 17.3





#25

Isophorone

Concen: 49.617 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

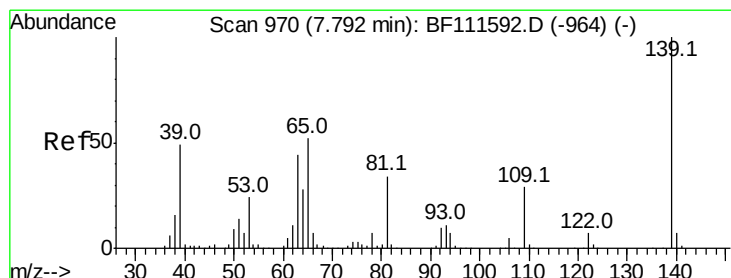
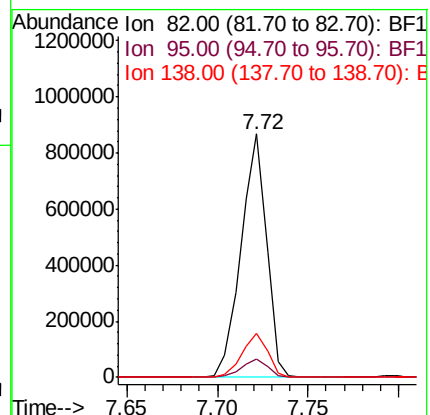
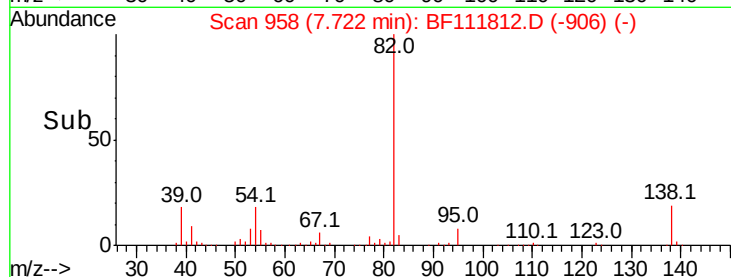
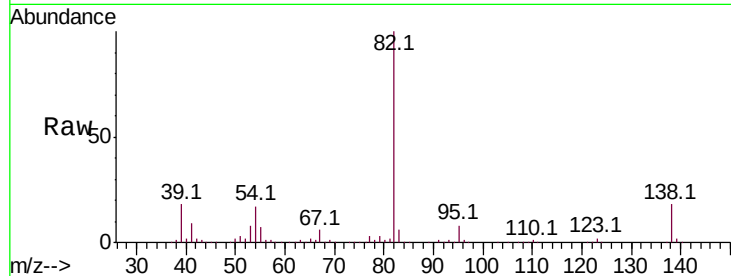
Tot Ion: 82 Resp: 850387

Ion Ratio Lower Upper

82 100

95 7.6 5.4 8.2

138 18.2 15.1 22.7



#26

2-Nitrophenol

Concen: 55.287 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

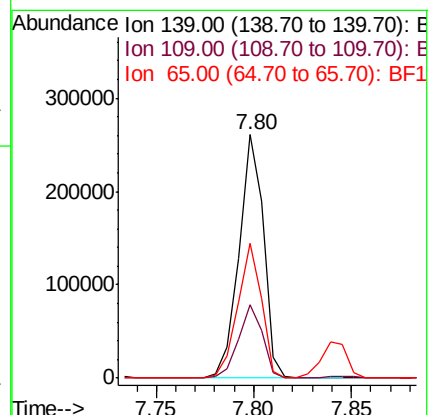
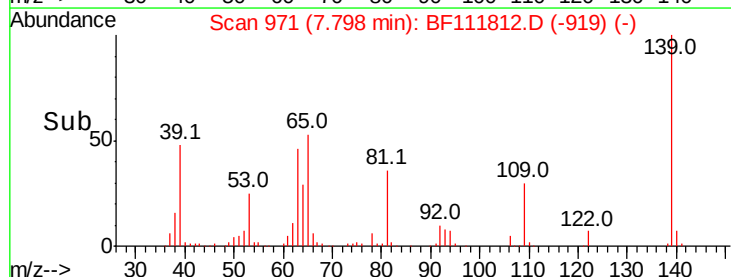
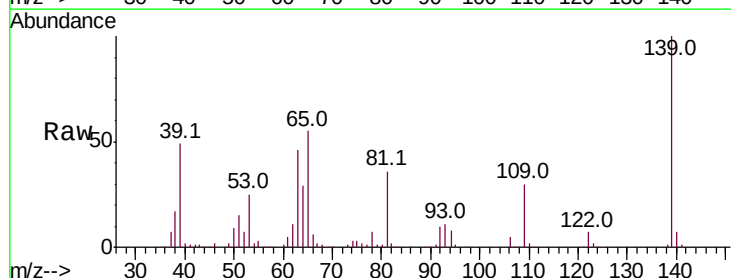
Tgt Ion:139 Resp: 226884

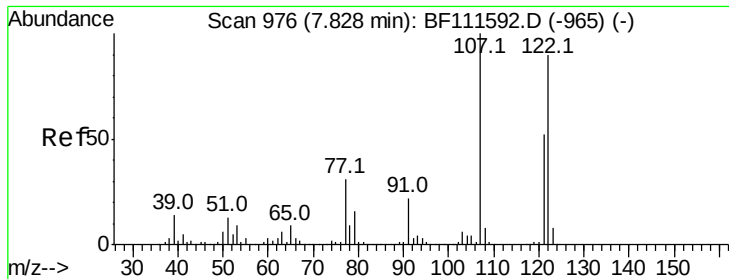
Ion Ratio Lower Upper

139 100

109 30.3 20.2 30.4

65 55.5 40.7 61.1

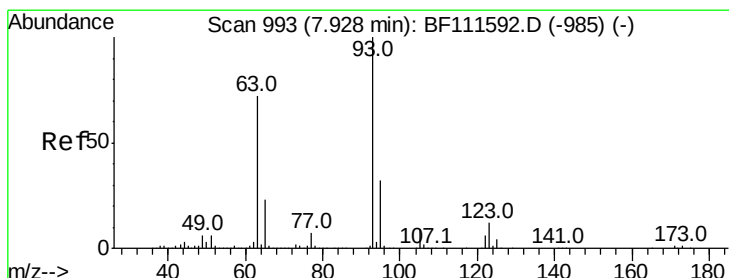
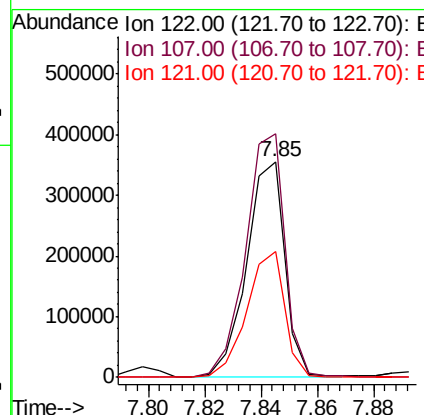
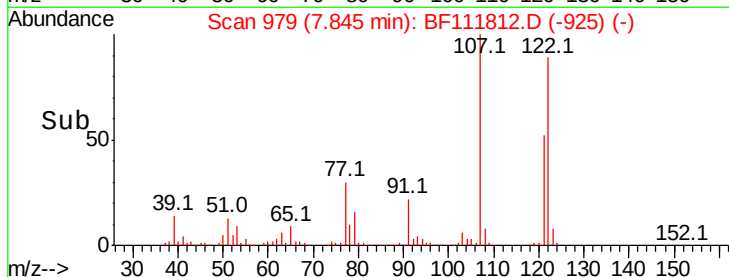
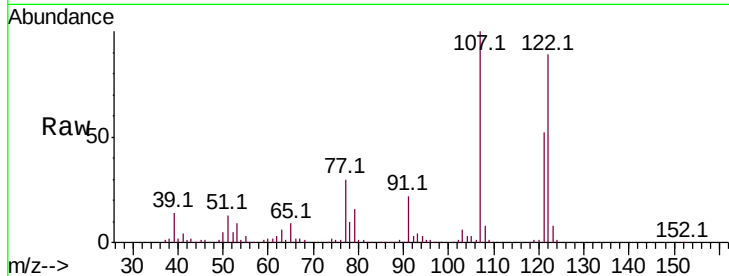




#27
 2,4-Dimethylphenol
 Concen: 41.360 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.02 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

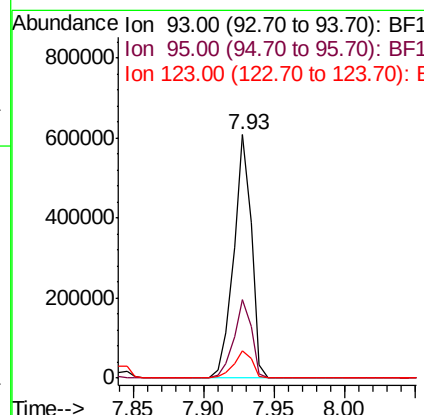
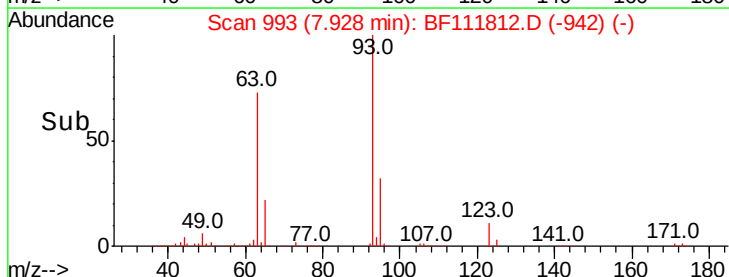
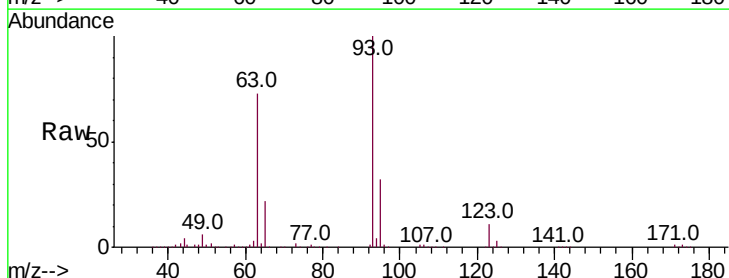
Instrument :
 BNA_F
 ClientSampled :
 IDOC-02

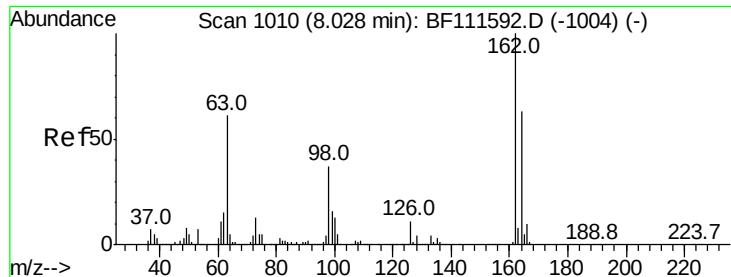
Tot Ion:122 Resp: 334581
 Ion Ratio Lower Upper
 122 100
 107 112.9 85.5 128.3
 121 58.6 46.6 70.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.387 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Tgt Ion: 93 Resp: 529041
 Ion Ratio Lower Upper
 93 100
 95 32.4 27.1 40.7
 123 11.2 9.9 14.9

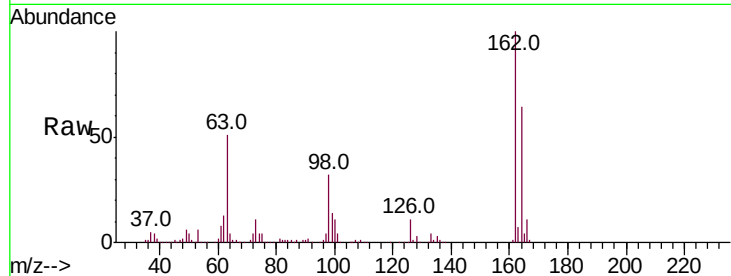




#29
 2,4-Dichlorophenol
 Concen: 42.755 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.02 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Instrument :
 BNA_F
 ClientSampled :
 IDOC-02

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.4	84.4
98	32.1	20.3	60.3

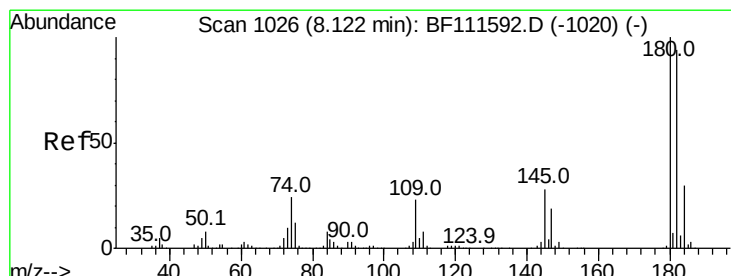
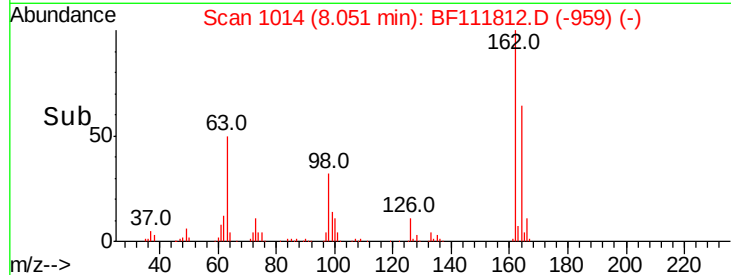
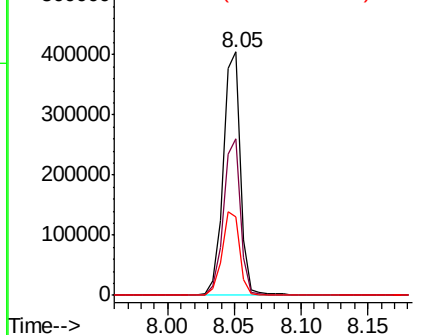


Abundance

Ion 162.00 (161.70 to 162.70): E

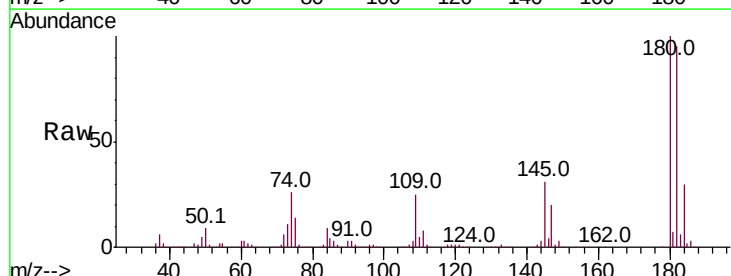
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.759 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.6	113.4
145	30.8	26.7	40.1

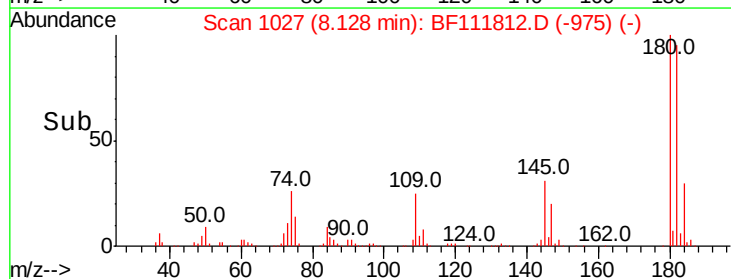
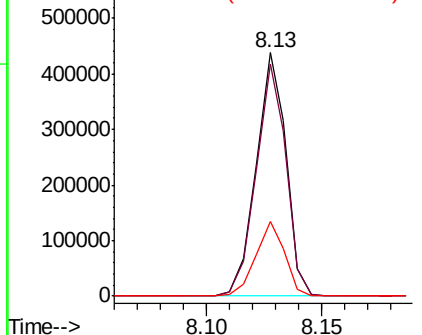


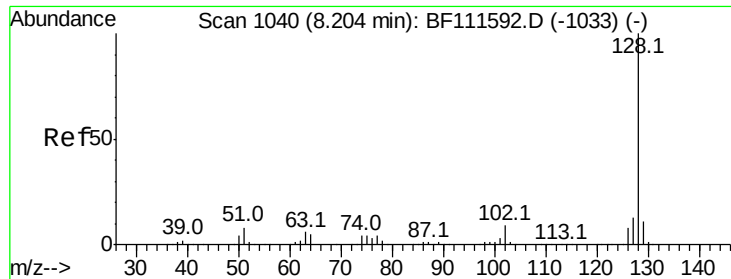
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

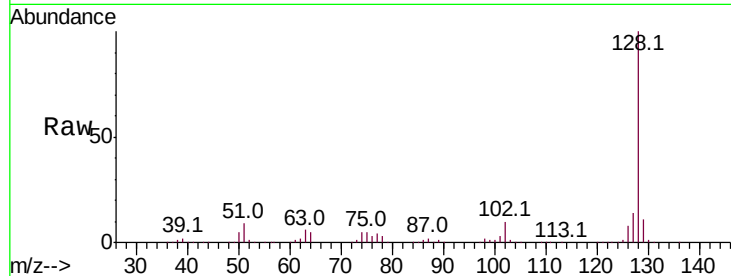




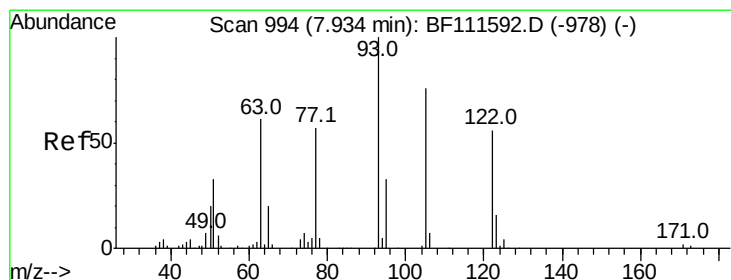
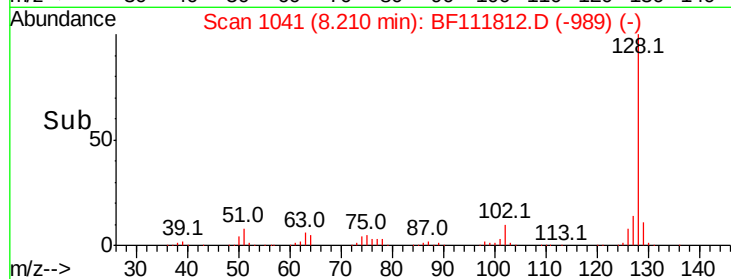
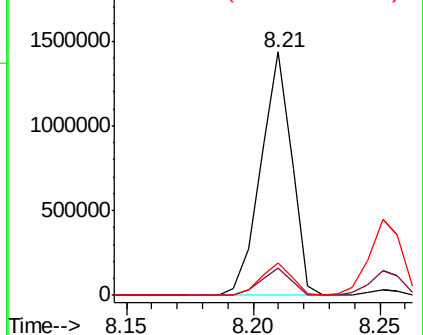
#31
Naphthalene
Concen: 45.240 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Instrument :
BNA_F
ClientSampleId :
IDOC-02

Tot Ion:128 Resp: 1221521
Ion Ratio Lower Upper
128 100
129 11.3 9.8 14.8
127 13.5 12.0 18.0

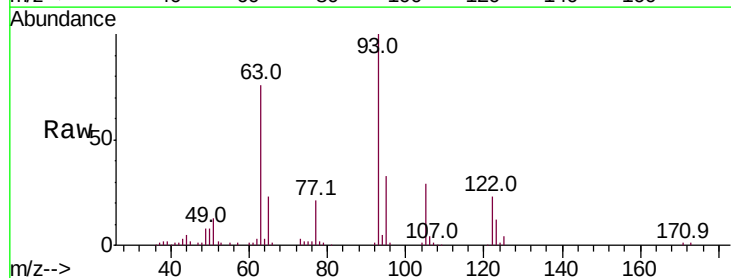


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

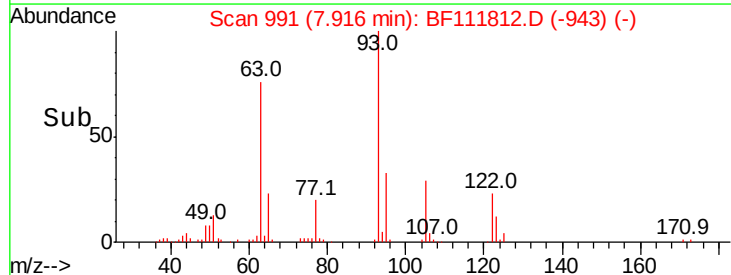
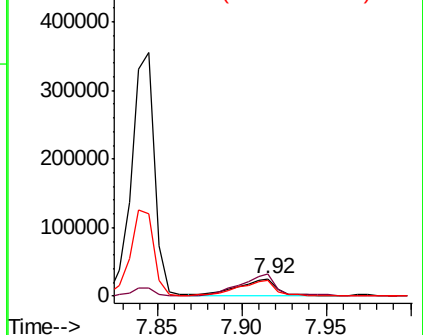


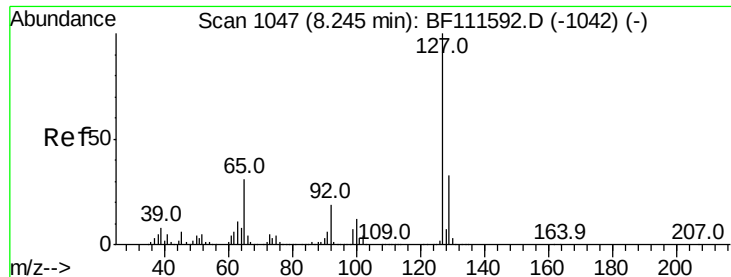
#32
Benzoic acid
Concen: 7.250 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Tgt Ion:122 Resp: 38776
Ion Ratio Lower Upper
122 100
105 126.3 97.0 137.0
77 91.2 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

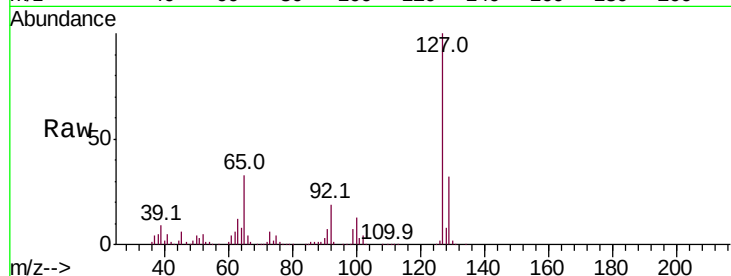




#33
4-Chloroaniline
Concen: 34.734 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Instrument :
BNA_F
ClientSampleId :
IDOC-02

Tot Ion:	127	Resp:	405358
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.6	39.8
65	33.4	25.7	38.5
92	19.2	15.4	23.2



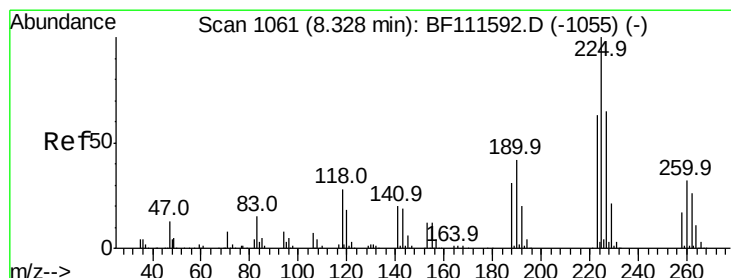
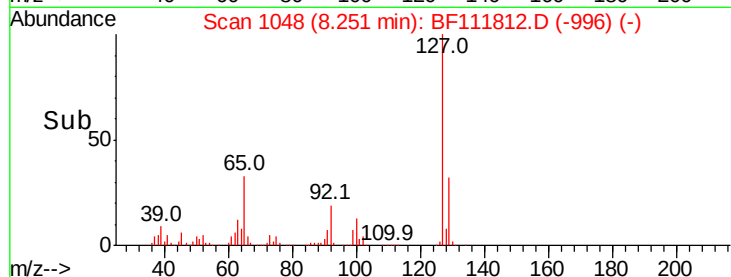
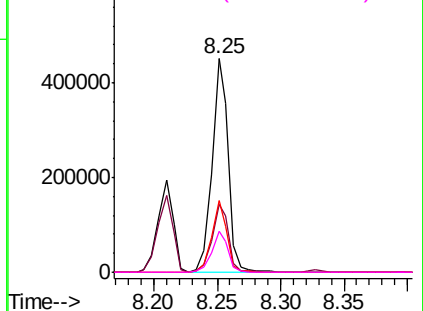
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

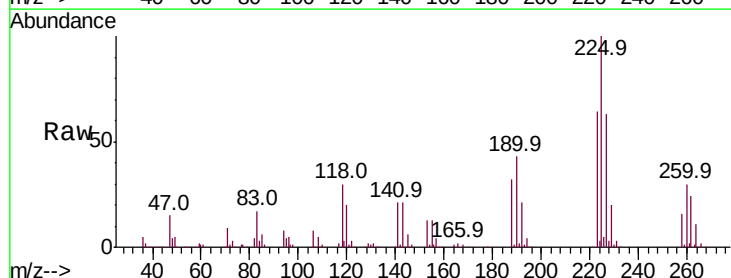
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.271 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Tgt Ion:	225	Resp:	232068
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.7	76.1
227	63.3	52.6	78.8

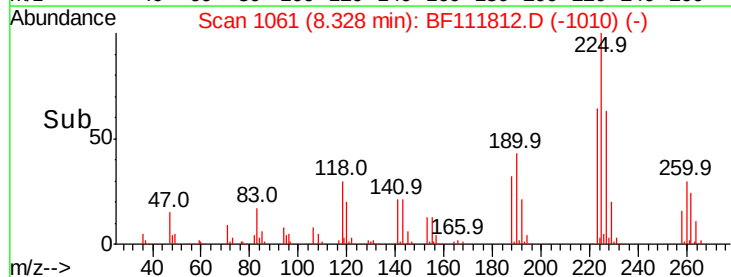
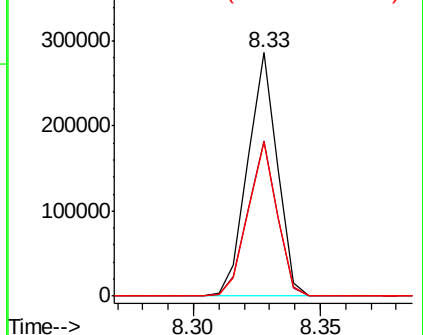


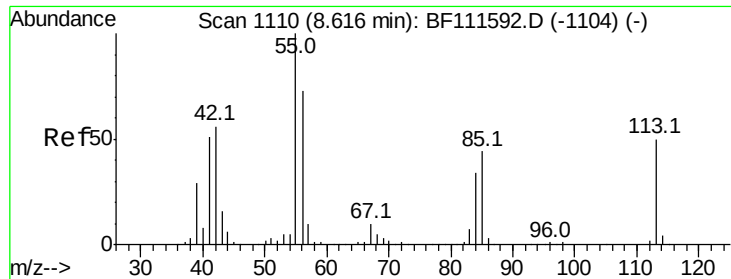
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

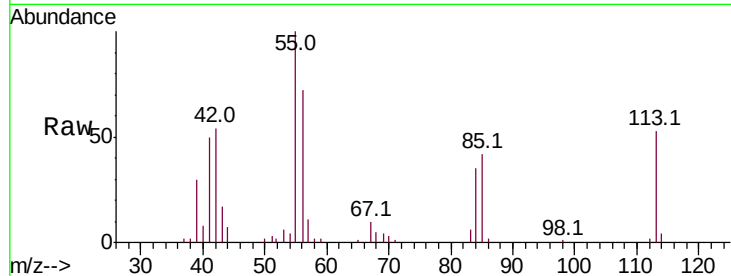




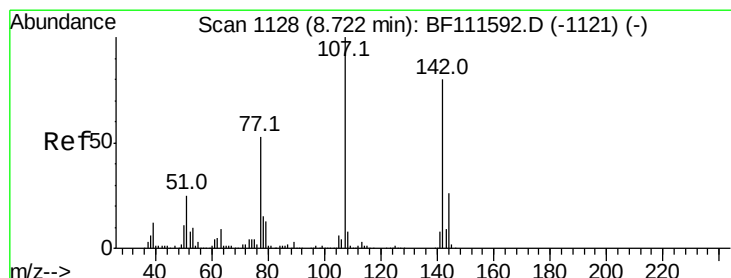
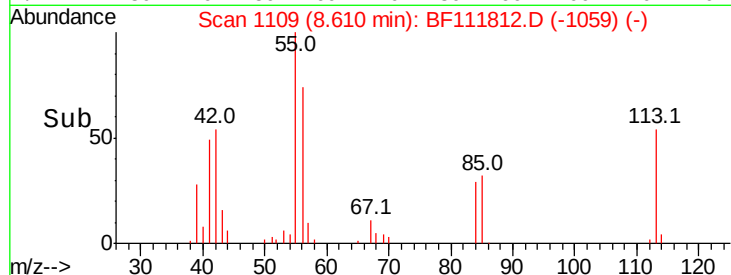
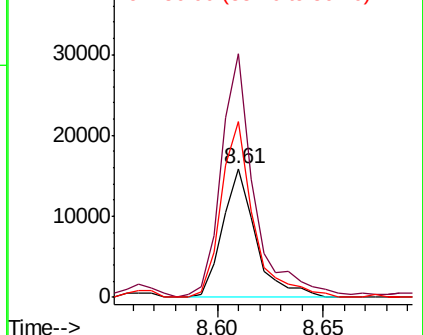
#35
 Caprolactam
 Concen: 5.858 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

Tot Ion:113 Resp: 17271
 Ion Ratio Lower Upper
 113 100
 55 189.6 184.1 224.1
 56 137.4 126.0 166.0

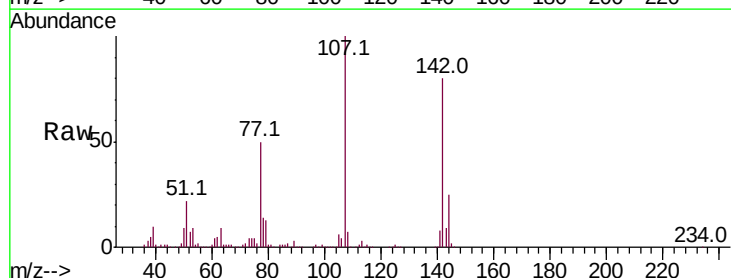


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

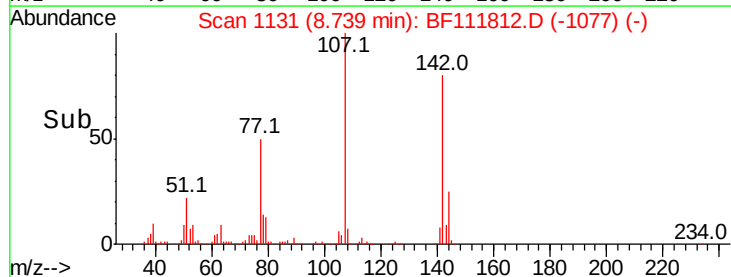
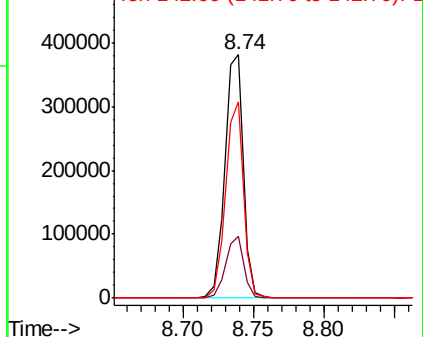


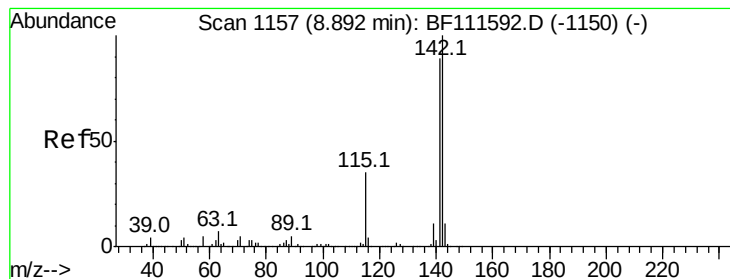
#36
 4-Chloro-3-methylphenol
 Concen: 40.644 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.02 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Tgt Ion:107 Resp: 347629
 Ion Ratio Lower Upper
 107 100
 144 25.4 19.8 29.6
 142 80.4 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: 49.497 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

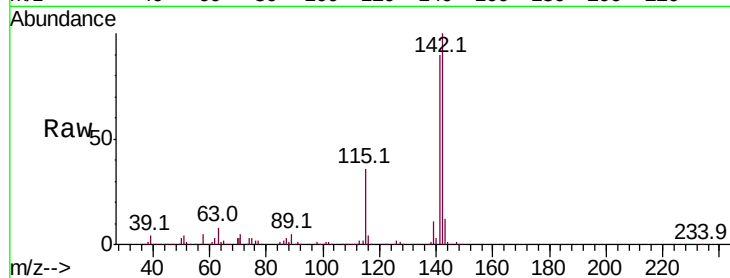
Tot Ion:142 Resp: 869514

Ion Ratio Lower Upper

142 100

141 89.7 70.6 105.8

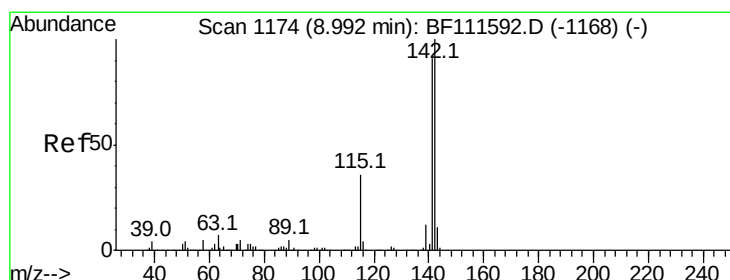
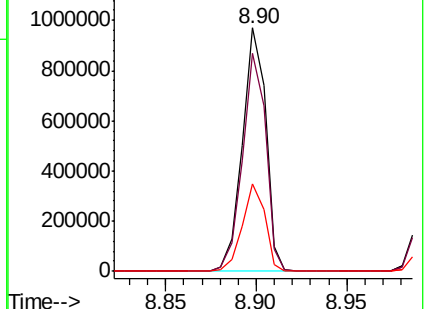
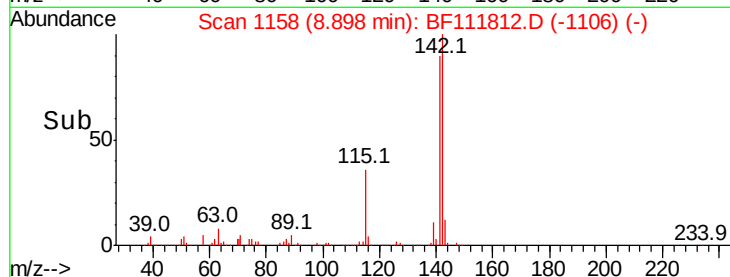
115 36.1 27.0 40.6



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: 48.728 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

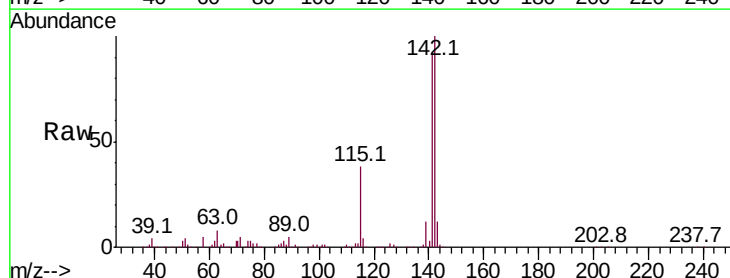
Tgt Ion:142 Resp: 822110

Ion Ratio Lower Upper

142 100

141 91.7 74.2 111.4

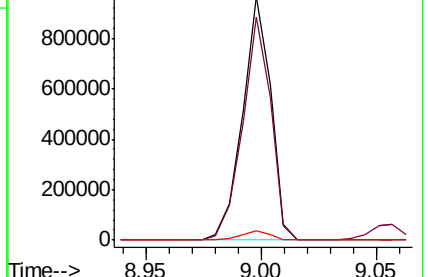
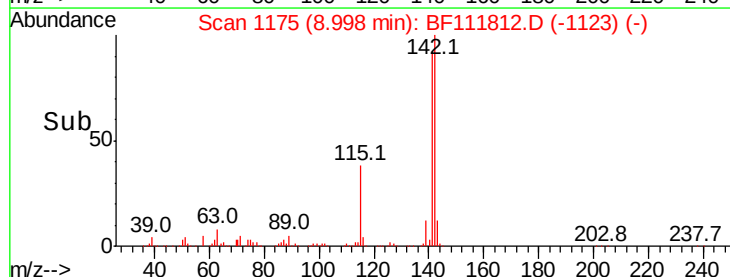
116 4.1 2.9 4.3

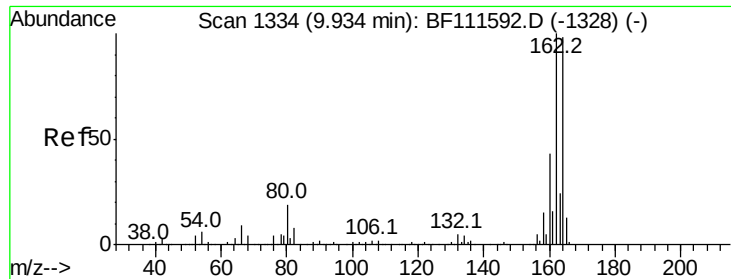


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

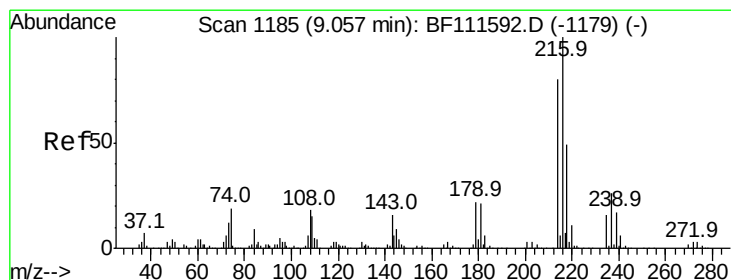
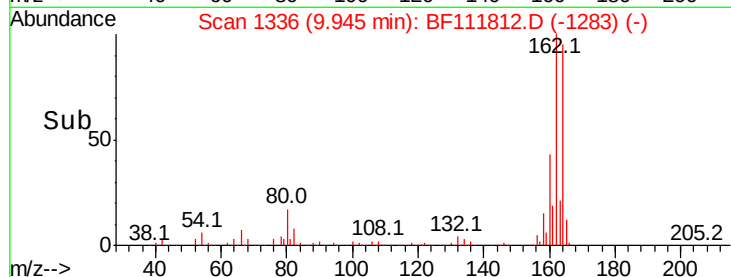
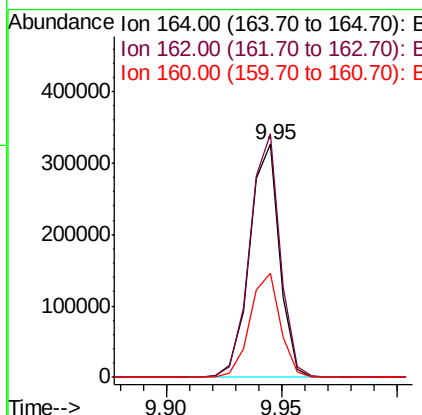
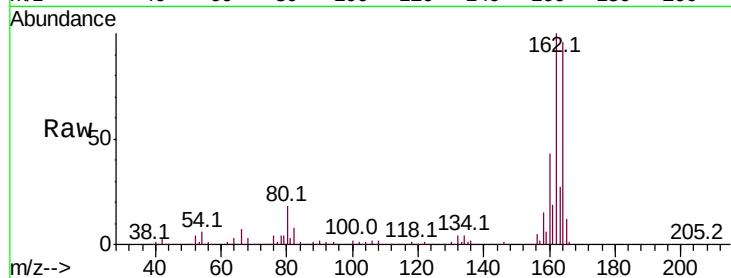




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

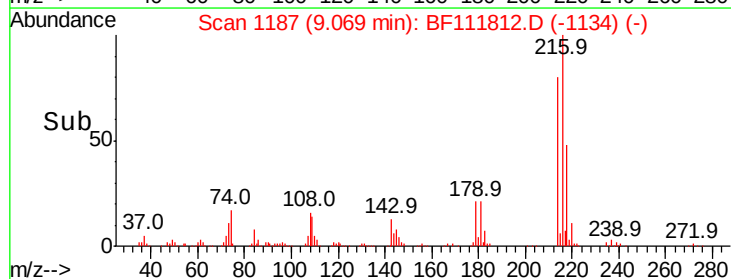
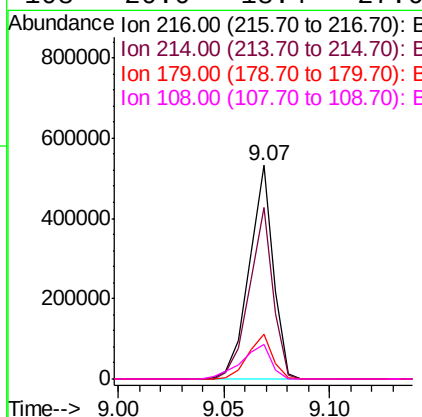
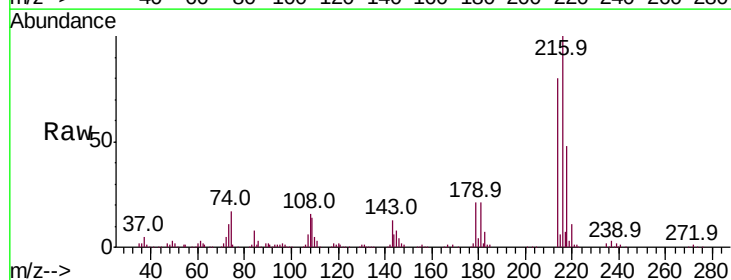
Instrument :
BNA_F
ClientSampleId :
IDOC-02

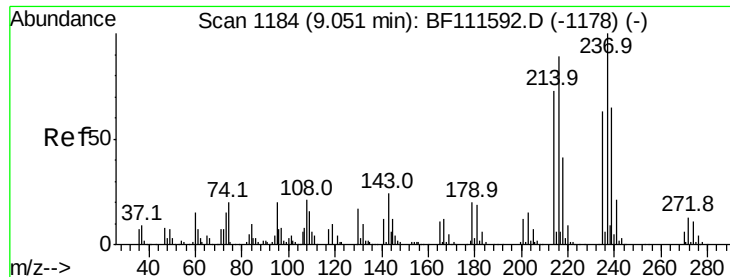
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.4	122.0
160	44.4	35.7	53.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.215 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	21.1	17.9	26.9
108	20.0	18.4	27.6





#41

Hexachlorocyclopentadiene

Concen: 110.277 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

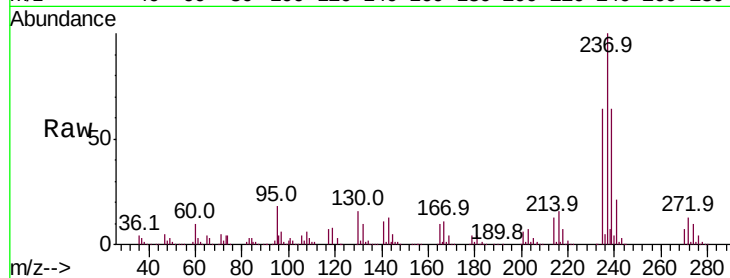
Tot Ion:237 Resp: 521061

Ion Ratio Lower Upper

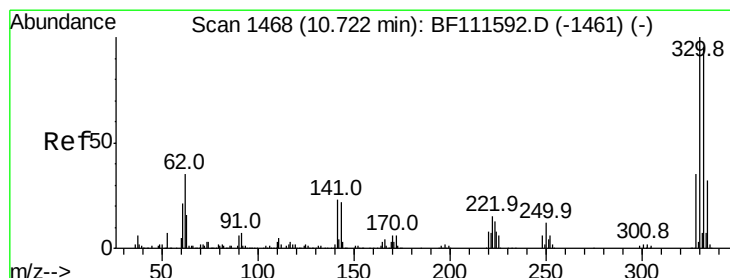
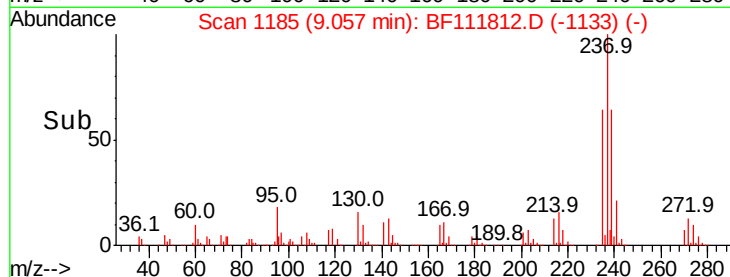
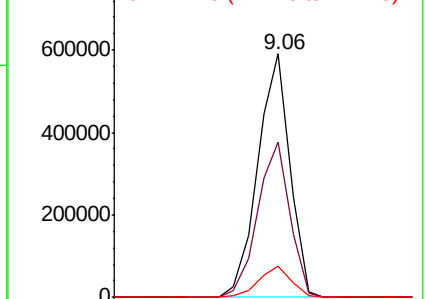
237 100

235 63.6 43.1 83.1

272 12.7 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: 145.687 ng

RT: 10.74 min Scan# 1471

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

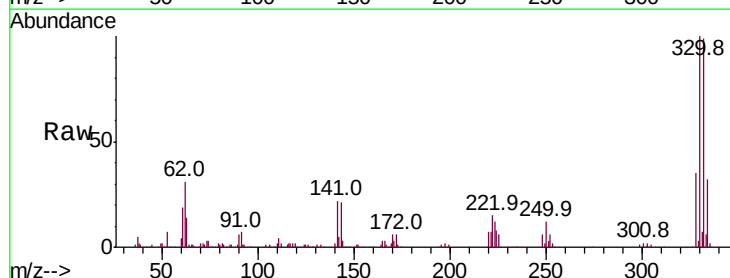
Tgt Ion:330 Resp: 510083

Ion Ratio Lower Upper

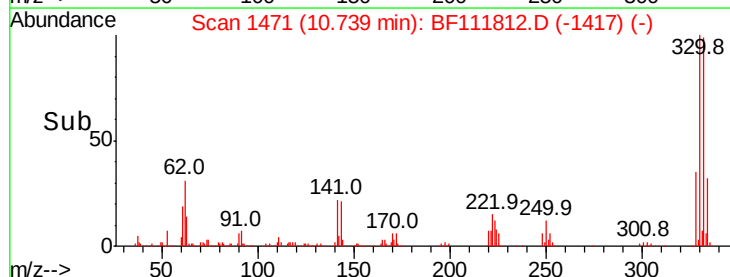
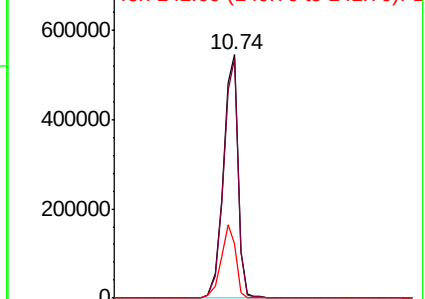
330 100

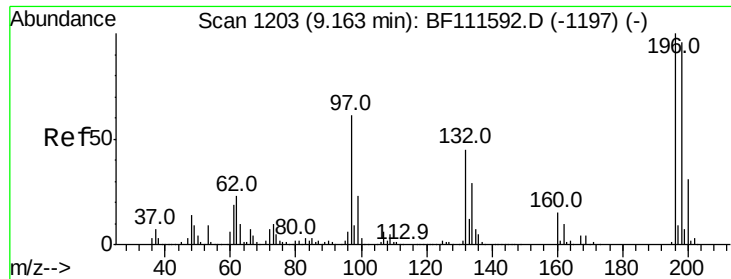
332 97.0 76.0 114.0

141 29.8 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

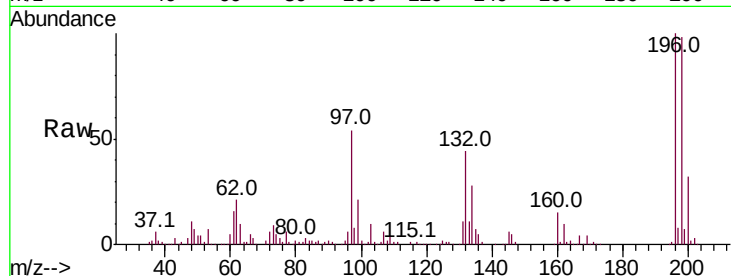




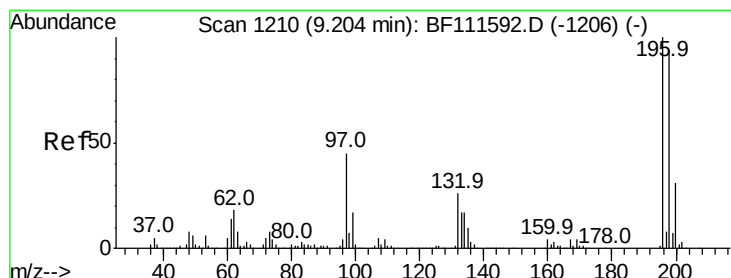
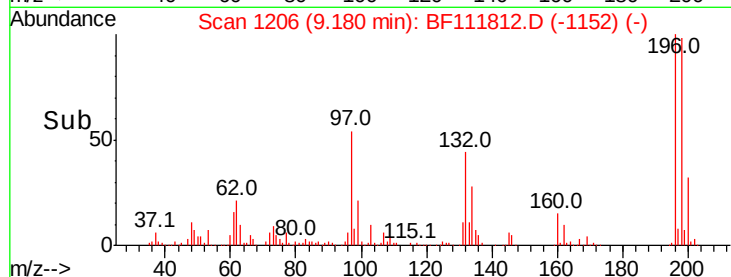
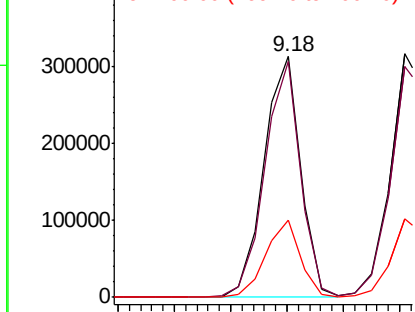
#43
 2,4,6-Trichlorophenol
 Concen: 43.310 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

Tot Ion:196 Resp: 281553
 Ion Ratio Lower Upper
 196 100
 198 98.0 76.3 114.5
 200 32.1 24.9 37.3

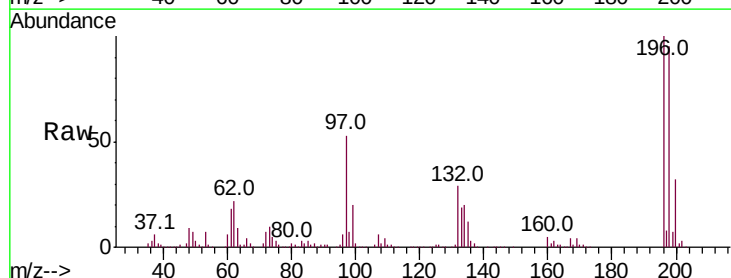


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

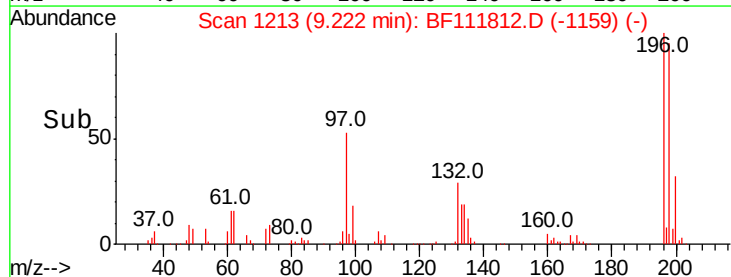
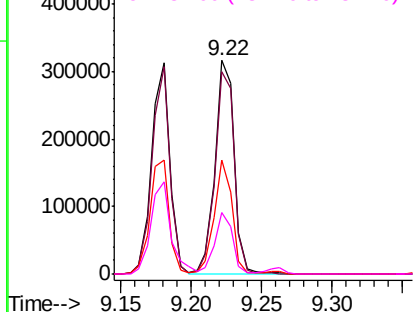


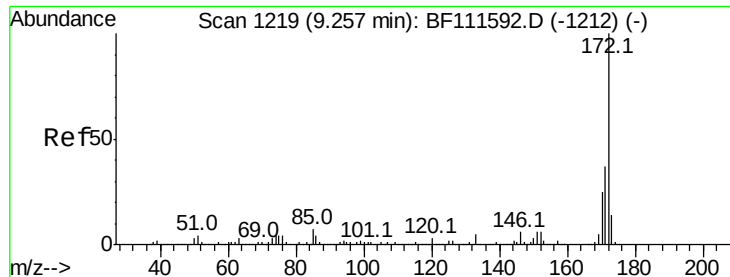
#44
 2,4,5-Trichlorophenol
 Concen: 44.683 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Tgt Ion:196 Resp: 297999
 Ion Ratio Lower Upper
 196 100
 198 94.8 72.9 109.3
 97 53.3 45.3 67.9
 132 28.9 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

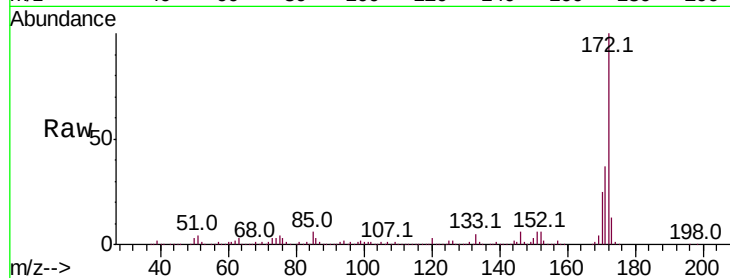




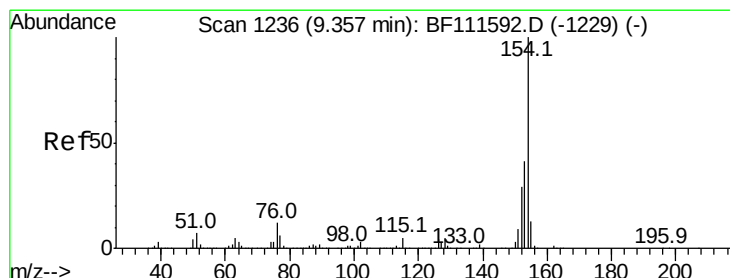
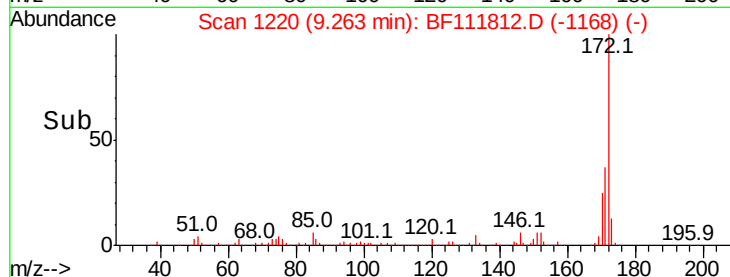
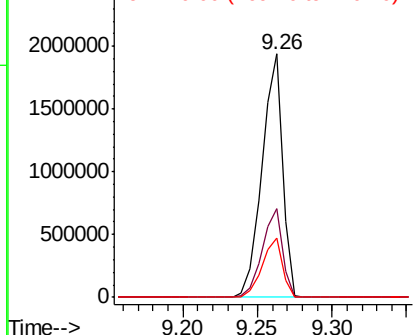
#45
2-Fluorobiphenyl
Concen: 89.379 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Instrument :
BNA_F
ClientSampleId :
IDOC-02

Tot Ion:172 Resp: 1817030
Ion Ratio Lower Upper
172 100
171 36.7 33.0 49.4
170 24.6 22.3 33.5

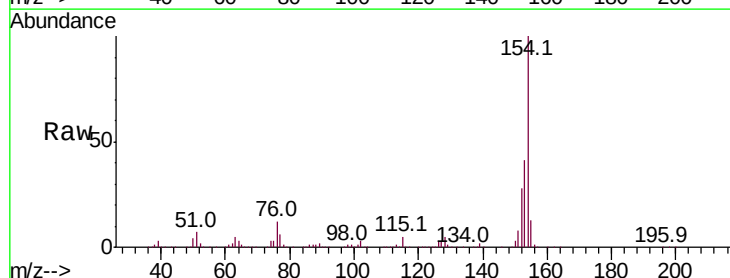


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

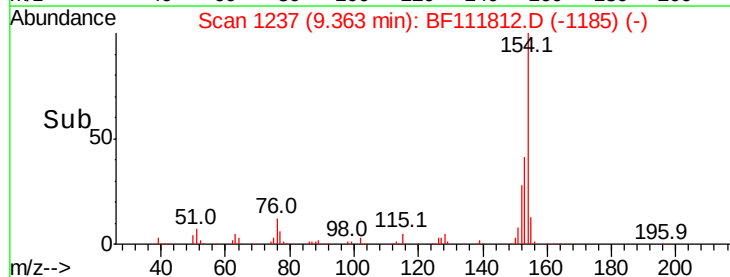
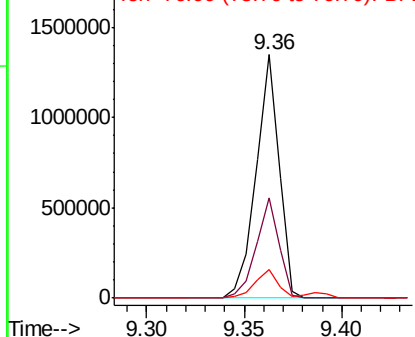


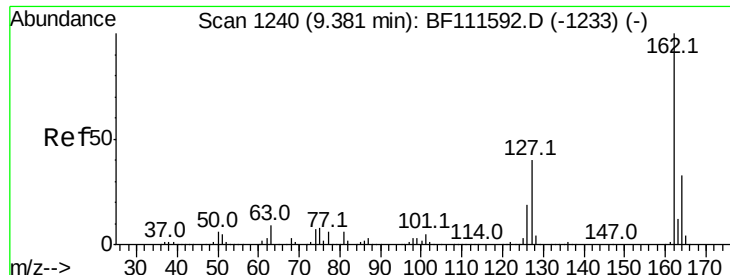
#46
1,1'-Biphenyl
Concen: 44.021 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Tgt Ion:154 Resp: 1101122
Ion Ratio Lower Upper
154 100
153 40.9 23.7 63.7
76 11.7 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

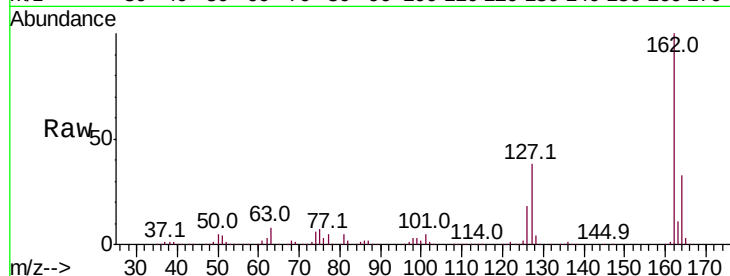




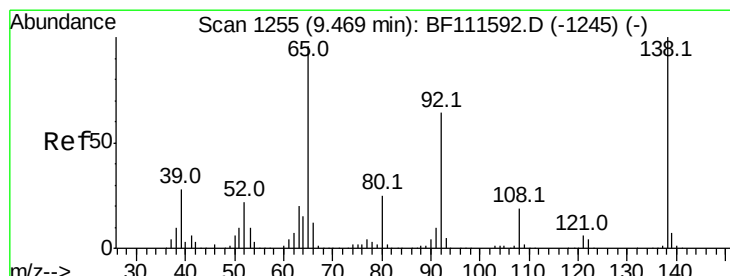
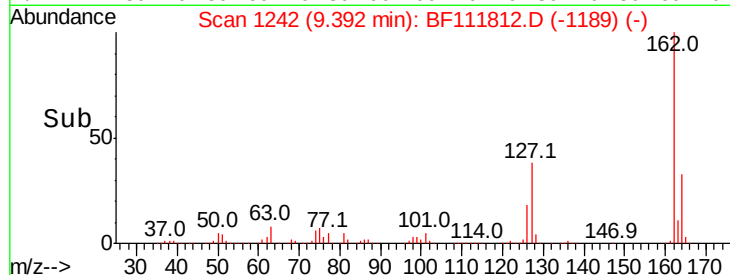
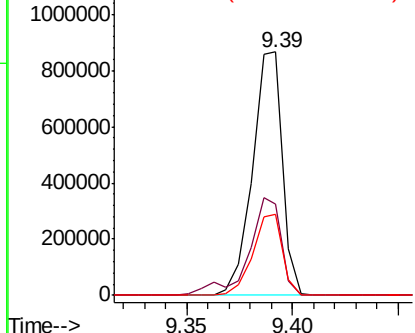
#47
 2-Chloronaphthalene
 Concen: 43.134 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	35.0	52.4
164	33.1	28.4	42.6

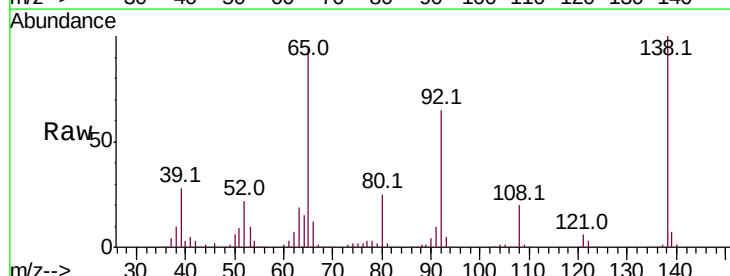


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

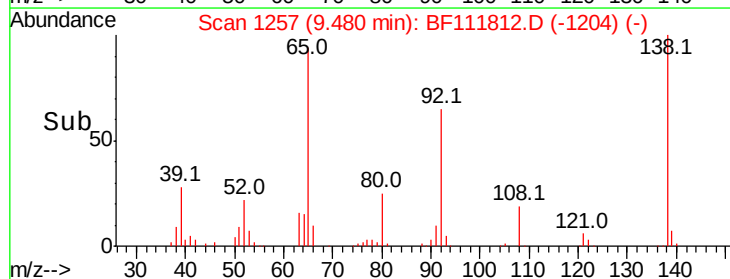
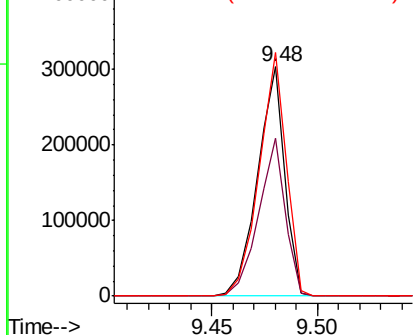


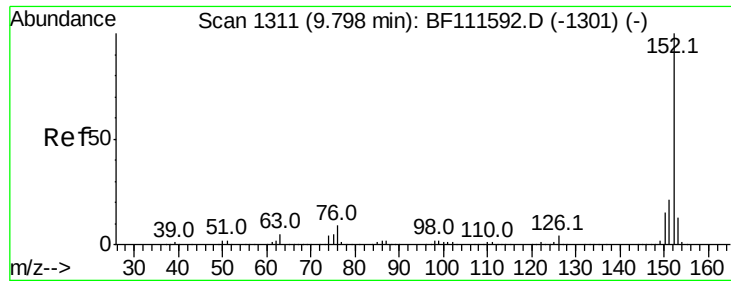
#48
 2-Nitroaniline
 Concen: 52.439 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	53.5	80.3
138	106.4	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: 47.199 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

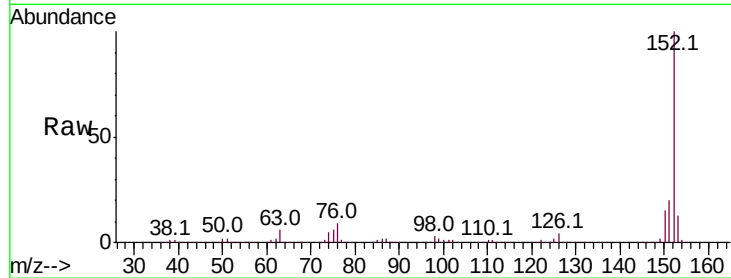
Tot Ion:152 Resp: 1365723

Ion Ratio Lower Upper

152 100

151 20.4 18.0 27.0

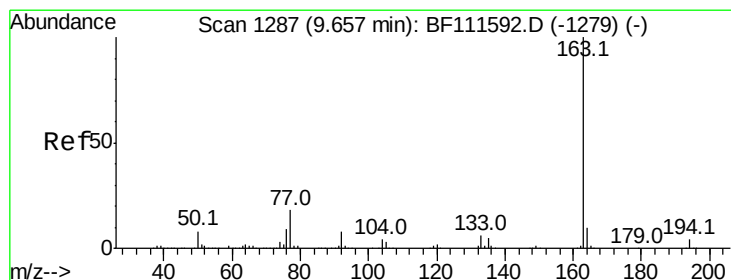
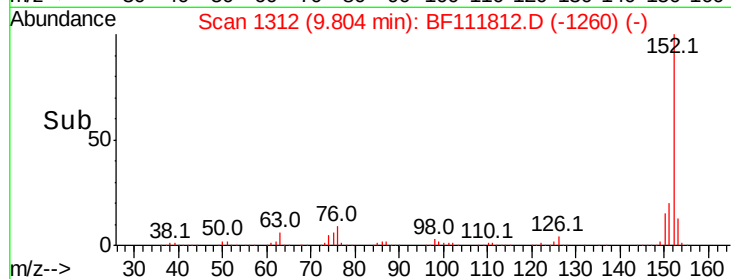
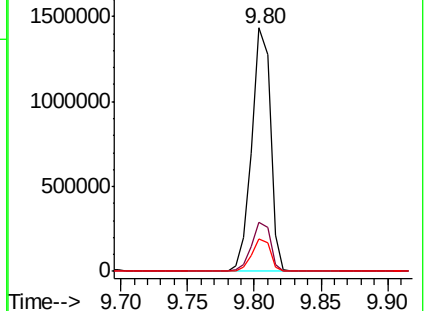
153 13.3 12.3 18.5



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: 47.822 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

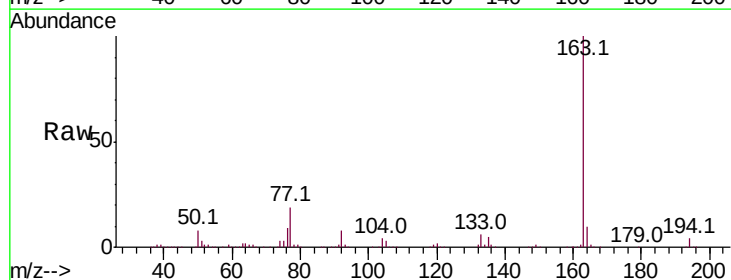
Tgt Ion:163 Resp: 1036242

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.6

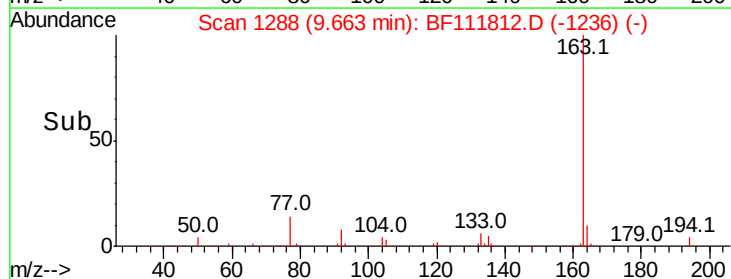
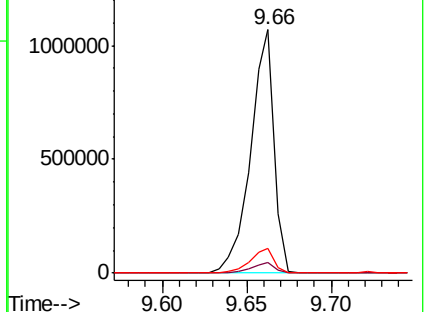
164 9.9 8.9 13.3

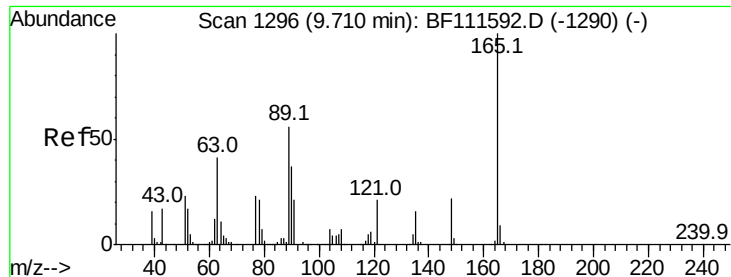


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.795 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

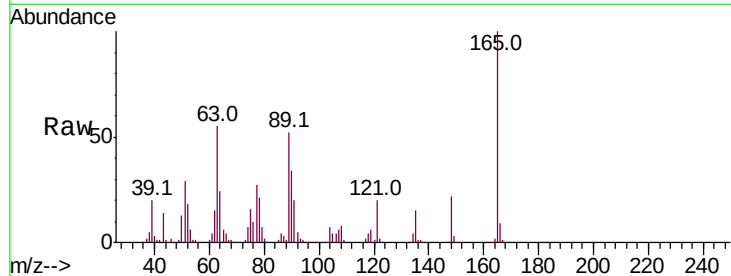
Tot Ion:165 Resp: 232433

Ion Ratio Lower Upper

165 100

63 54.7 40.5 60.7

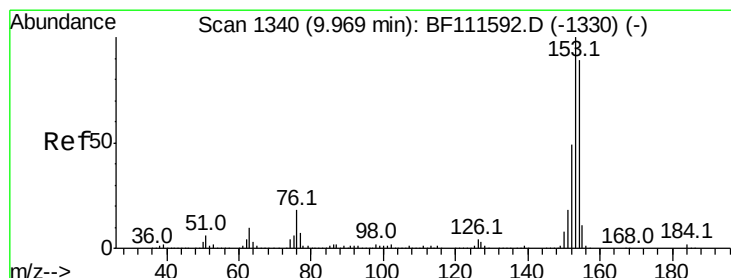
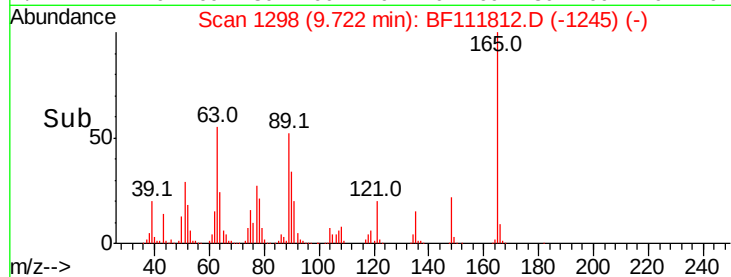
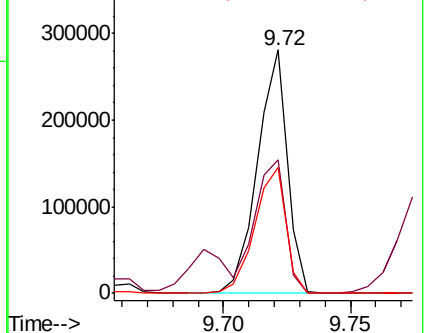
89 51.6 40.0 60.0



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: 49.928 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

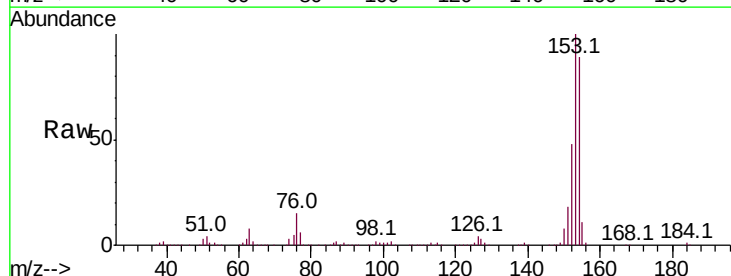
Tgt Ion:154 Resp: 891042

Ion Ratio Lower Upper

154 100

153 112.7 87.8 131.8

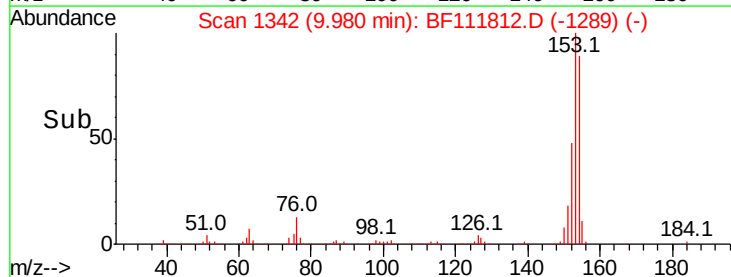
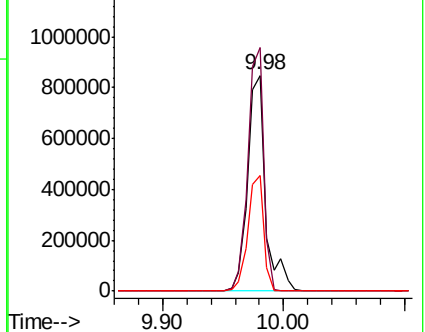
152 53.6 43.4 65.2

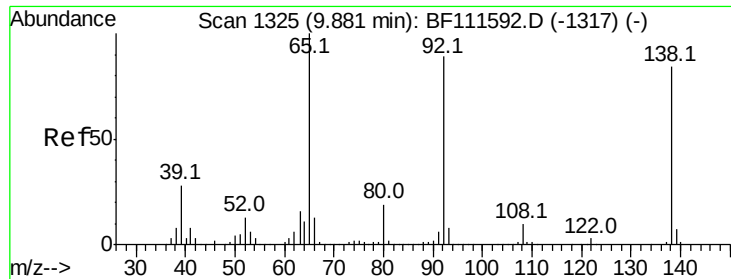


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

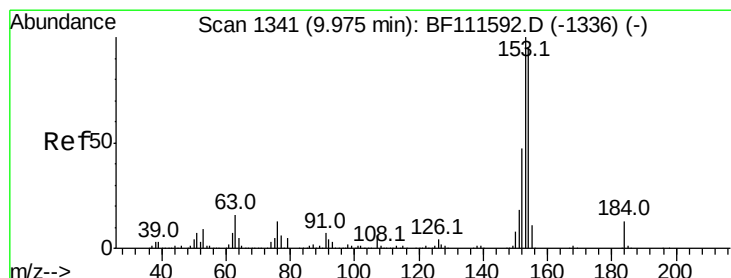
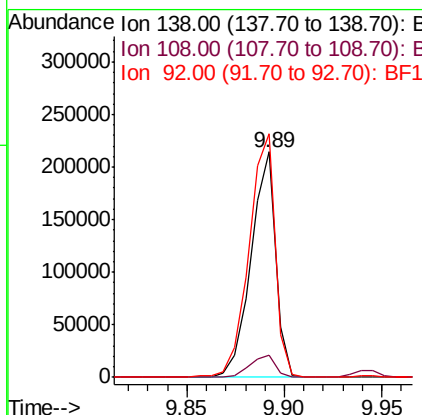
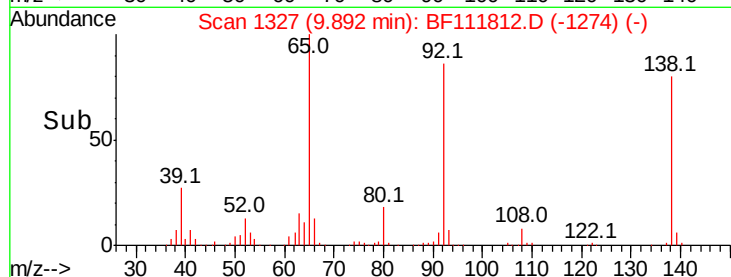
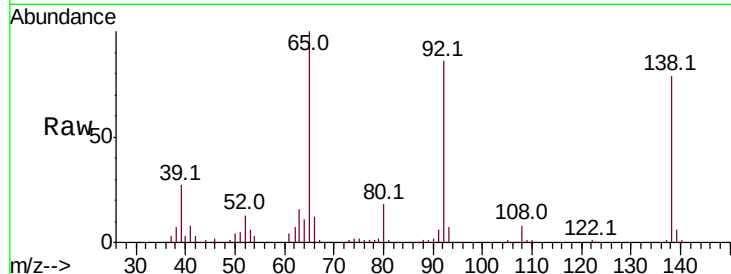




#53
 3-Nitroaniline
 Concen: 41.080 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

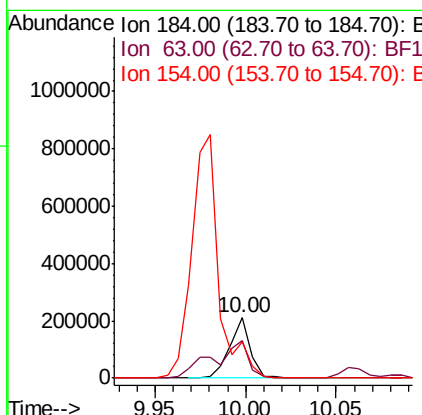
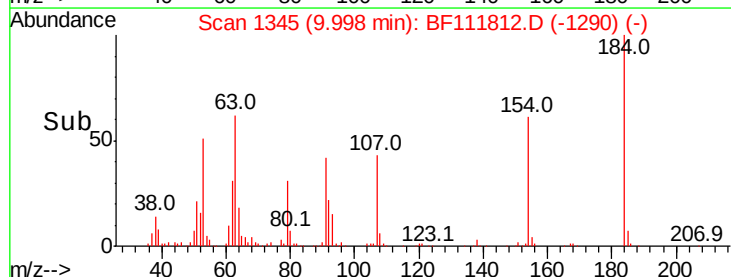
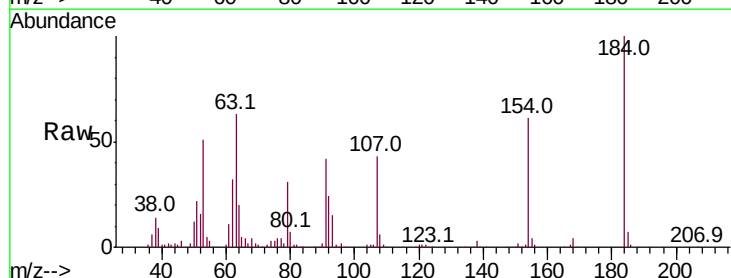
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

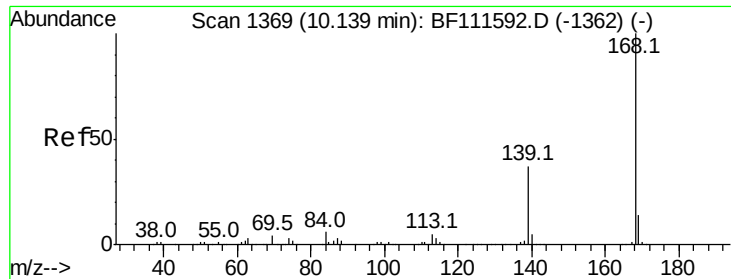
Tot Ion:138 Resp: 189298
 Ion Ratio Lower Upper
 138 100
 108 10.0 8.2 12.4
 92 108.1 93.4 140.2



#54
 2,4-Dinitrophenol
 Concen: 117.721 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.02 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Tgt Ion:184 Resp: 168494
 Ion Ratio Lower Upper
 184 100
 63 63.4 62.3 93.5
 154 61.4 56.2 84.2

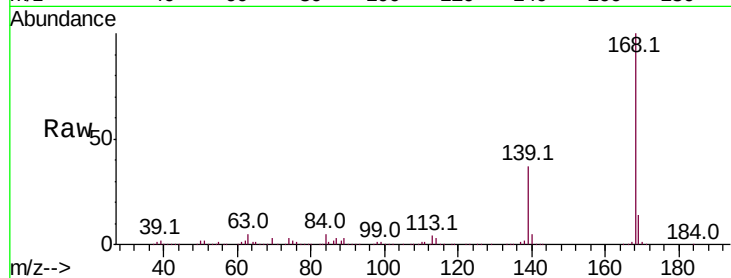




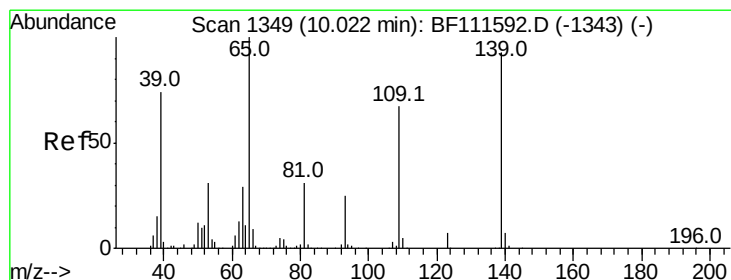
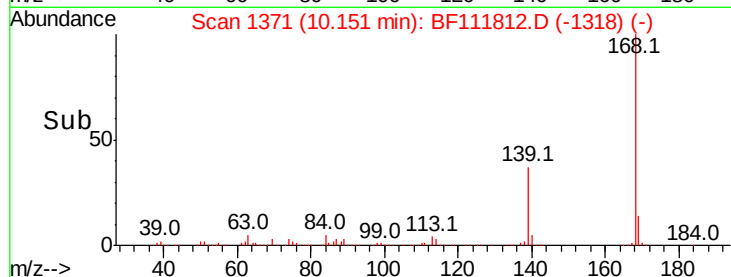
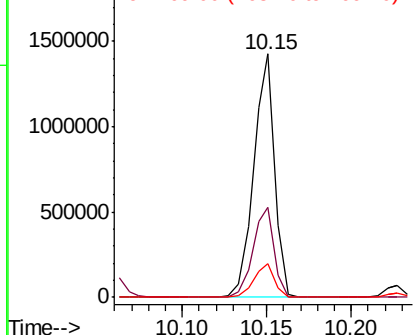
#55
Dibenzofuran
Concen: 45.561 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Instrument :
BNA_F
ClientSampleId :
IDOC-02

Tot Ion:168 Resp: 1228432
Ion Ratio Lower Upper
168 100
139 37.1 32.6 49.0
169 13.6 11.8 17.6

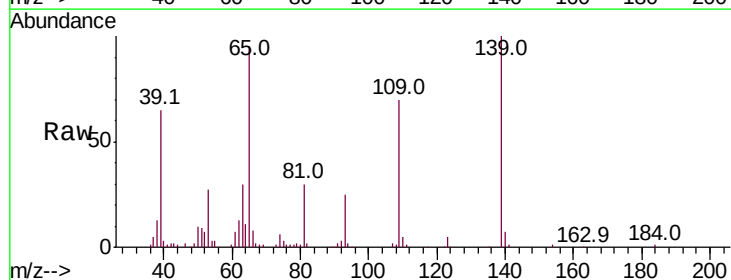


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

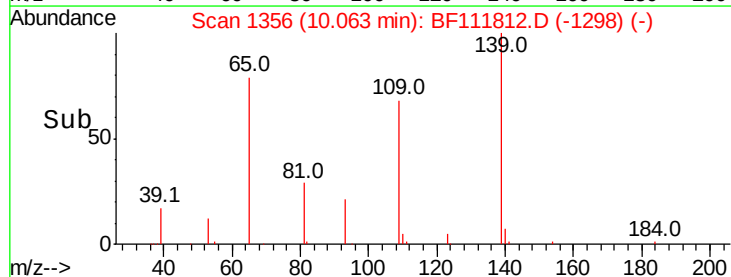
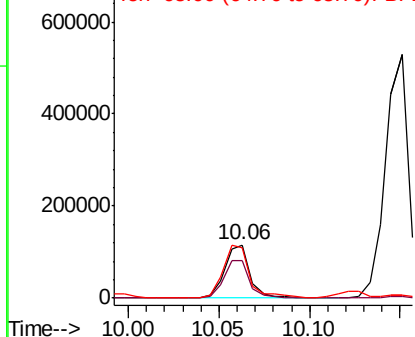


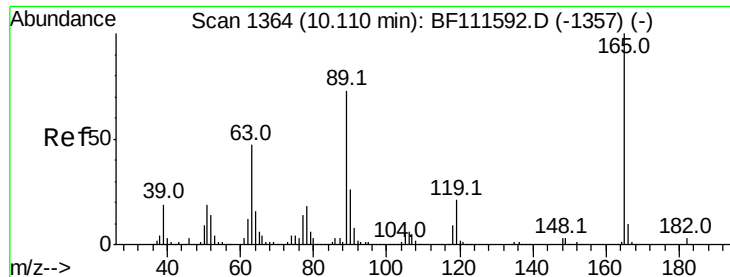
#56
4-Nitrophenol
Concen: 32.245 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.04 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Tgt Ion:139 Resp: 113396
Ion Ratio Lower Upper
139 100
109 69.7 41.8 81.8
65 94.9 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

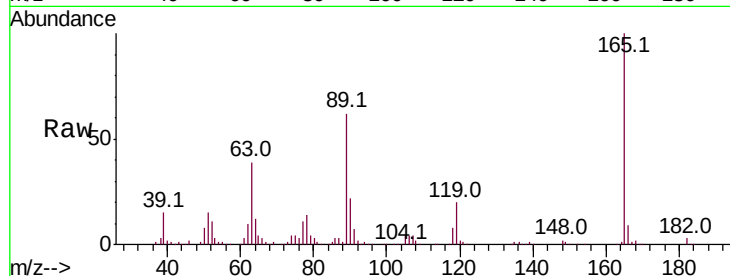




#57
2,4-Dinitrotoluene
Concen: 60.918 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Instrument :
BNA_F
ClientSampleId :
IDOC-02

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.0	34.6	52.0
89	61.6	56.2	84.4
182	2.8	1.8	2.6



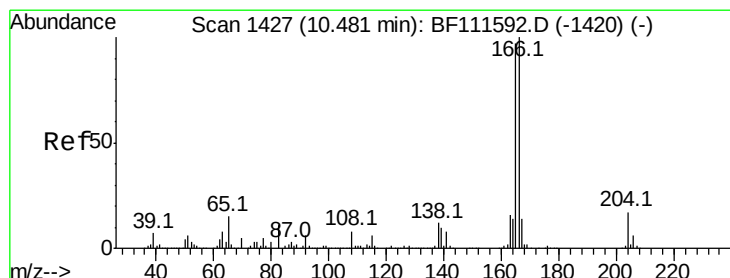
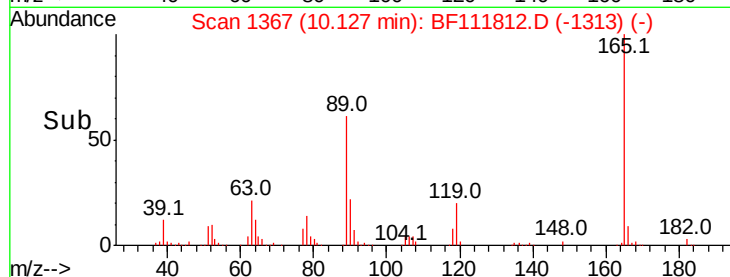
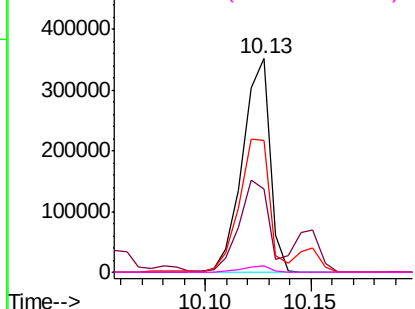
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

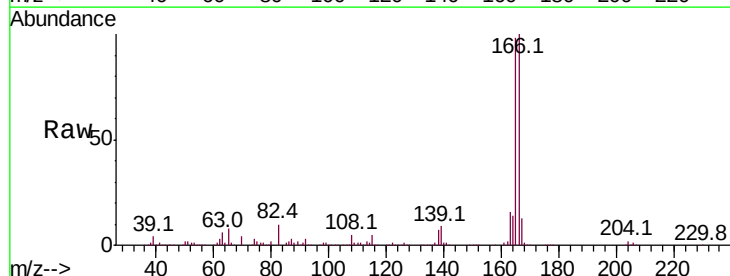
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 49.709 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.4	117.6
167	13.5	11.2	16.8

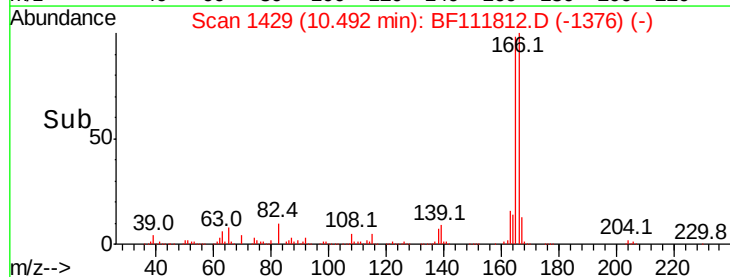
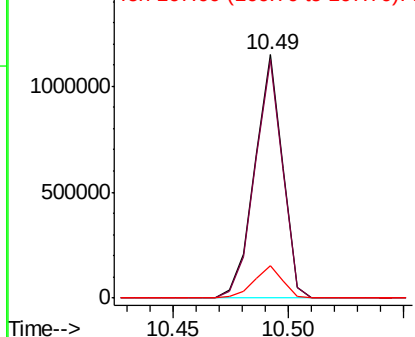


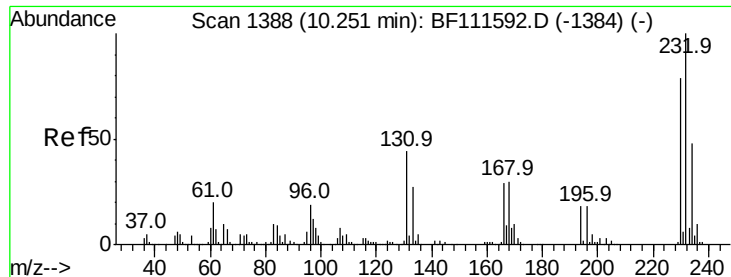
Abundance

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

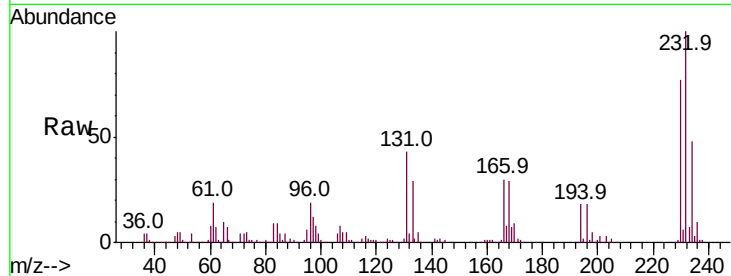




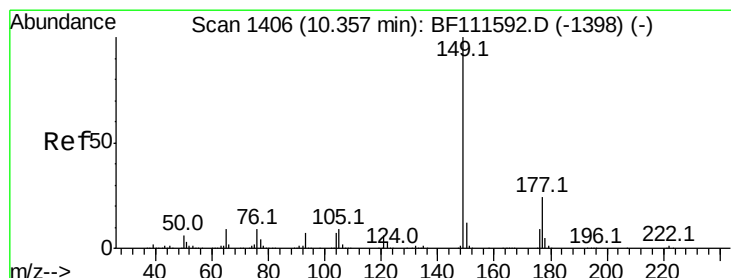
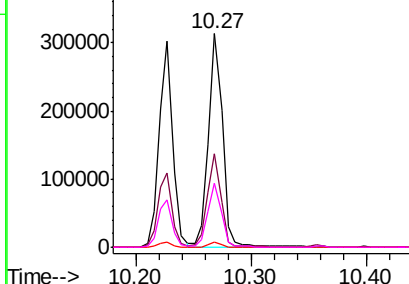
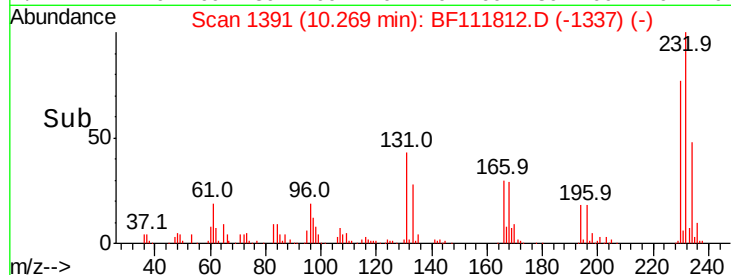
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.522 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Instrument :
BNA_F
ClientSampleId :
IDOC-02

Tot Ion:232 Resp: 266719
Ion Ratio Lower Upper
232 100
131 42.1 40.9 61.3
130 2.2 2.0 3.0
166 29.4 26.8 40.2

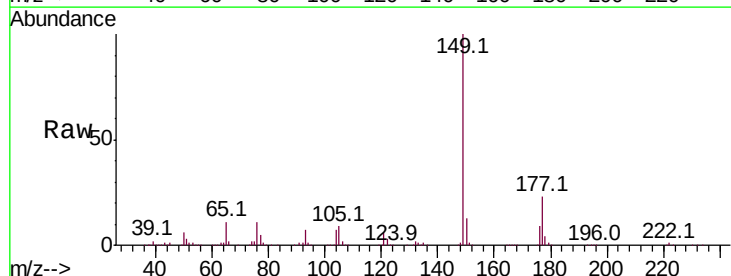


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

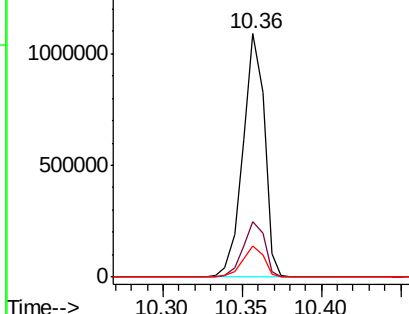
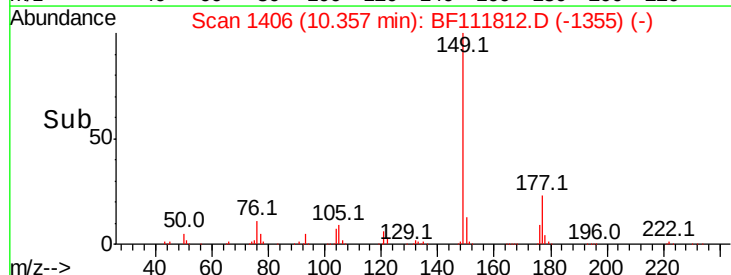


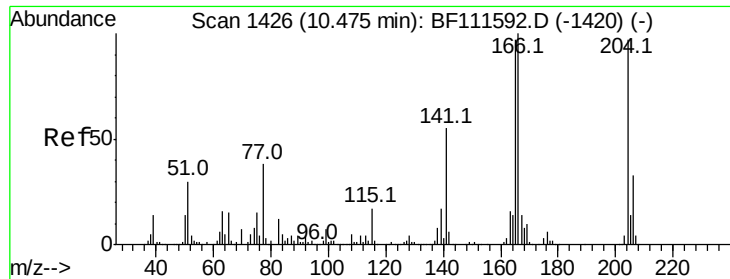
#60
Diethylphthalate
Concen: 47.751 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Tgt Ion:149 Resp: 1014978
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.9 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

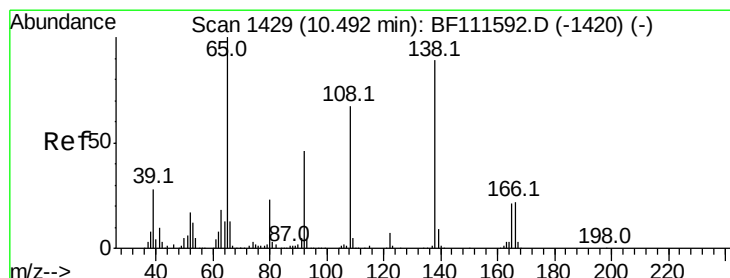
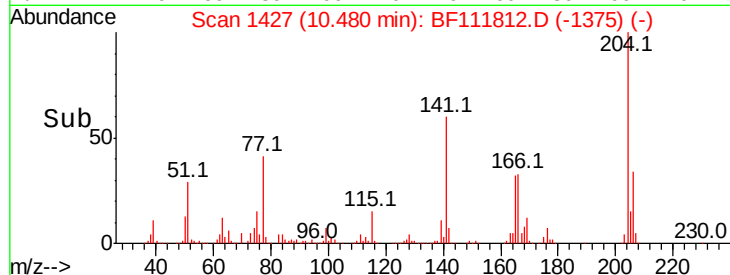
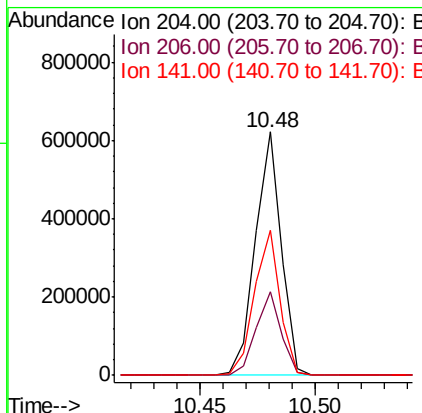
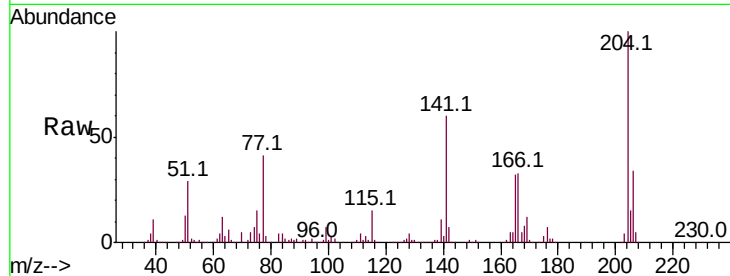




#61
 4-Chlorophenyl-phenylether
 Concen: 45.417 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

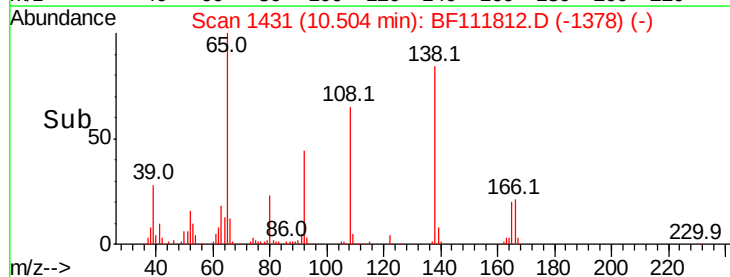
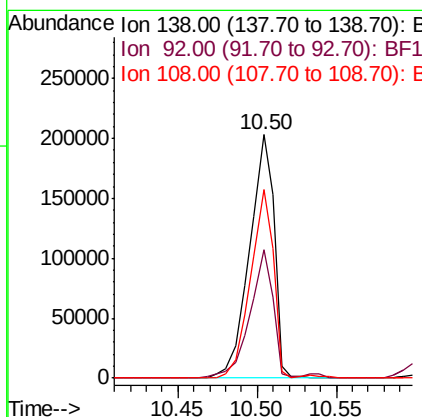
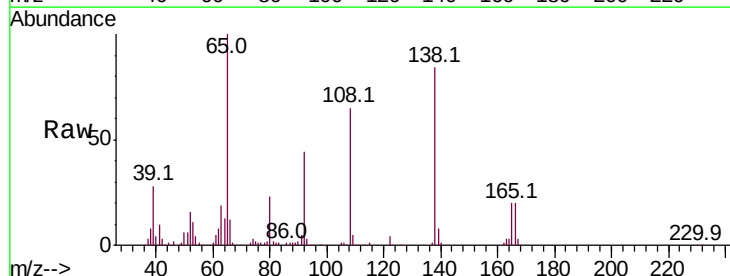
Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

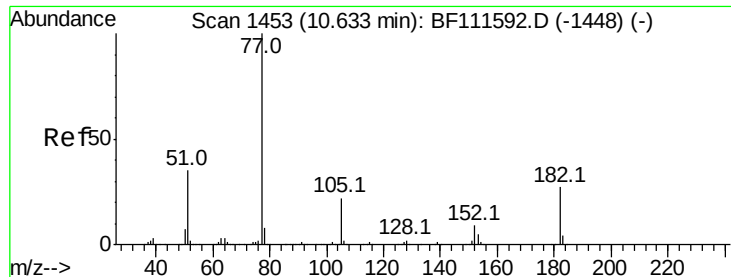
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.6	39.8
141	59.5	52.6	78.8



#62
 4-Nitroaniline
 Concen: 48.907 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.8	29.9	69.9
108	77.7	43.2	83.2





#63

Azobenzene

Concen: 44.519 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

Tot Ion: 77 Resp: 950002

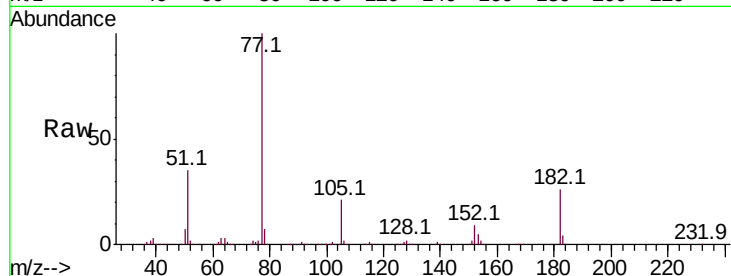
Ion Ratio Lower Upper

77 100

182 25.9 4.9 44.9

105 20.6 6.0 46.0

51 34.6 14.7 54.7

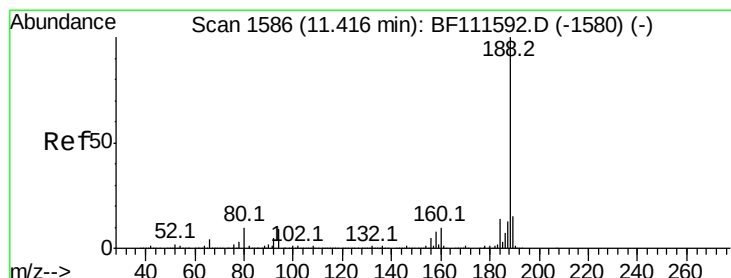
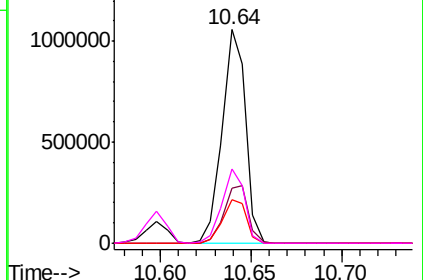
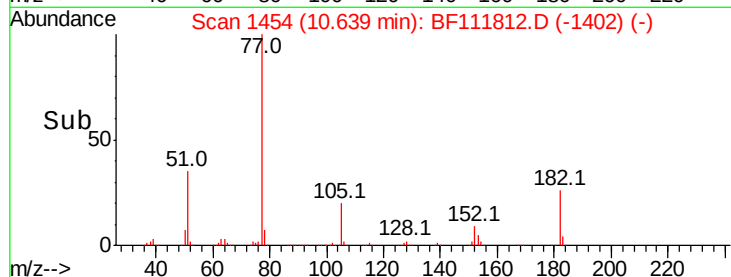


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

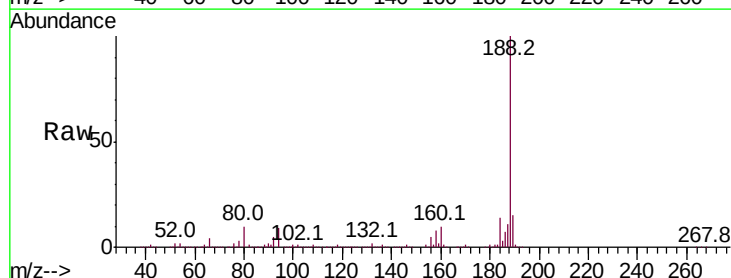
Tgt Ion: 188 Resp: 565537

Ion Ratio Lower Upper

188 100

94 8.8 9.6 14.4#

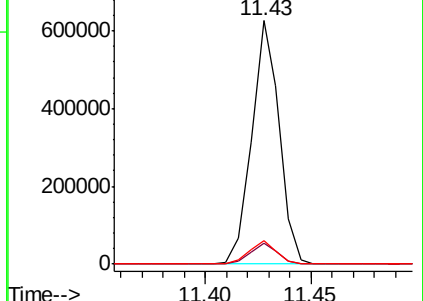
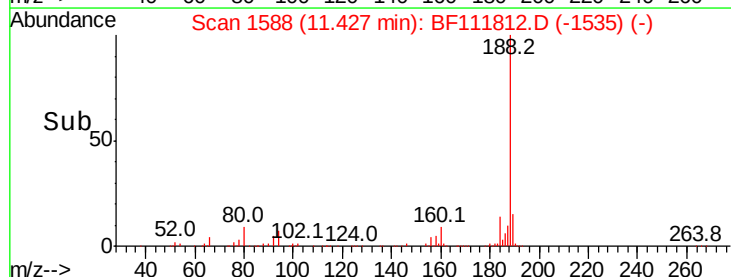
80 9.6 9.8 14.6#

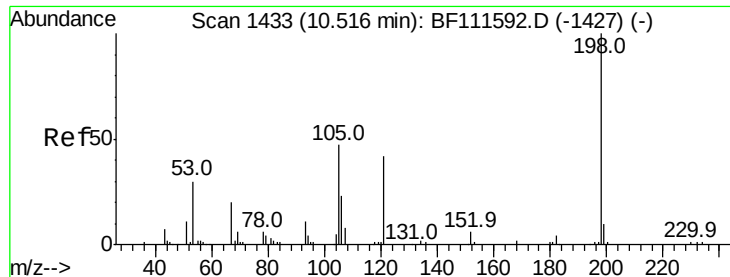


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 53.496 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

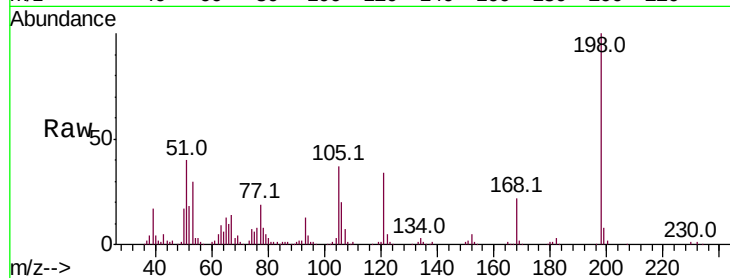
Tot Ion:198 Resp: 127118

Ion Ratio Lower Upper

198 100

51 40.1 48.0 88.0#

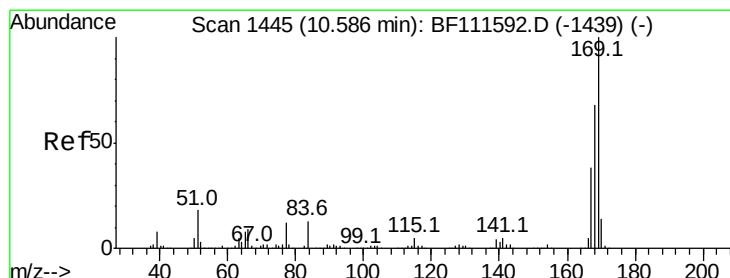
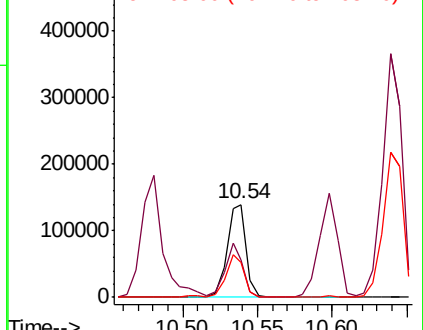
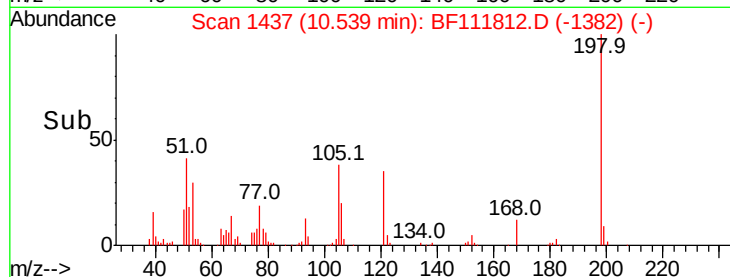
105 37.4 34.0 74.0



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: 45.068 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

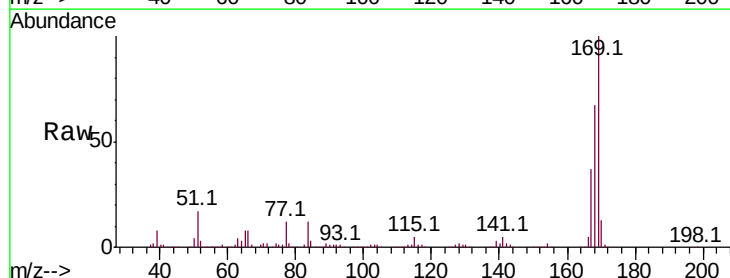
Tgt Ion:169 Resp: 855576

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

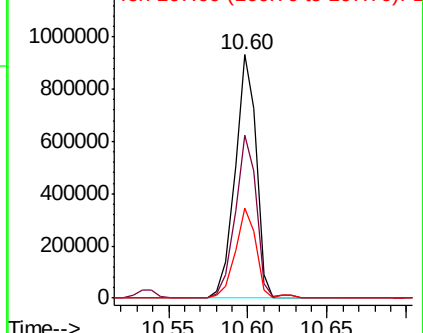
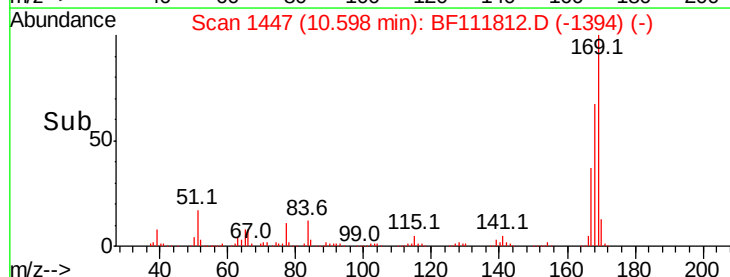
167 36.7 30.5 45.7

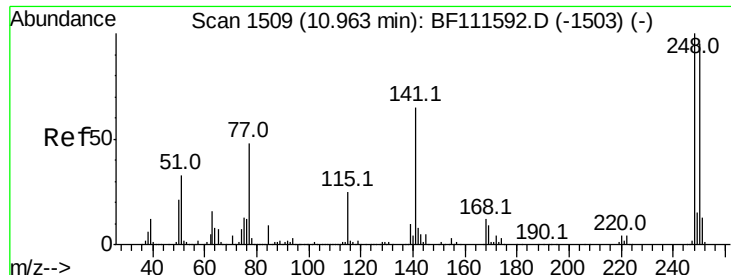


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

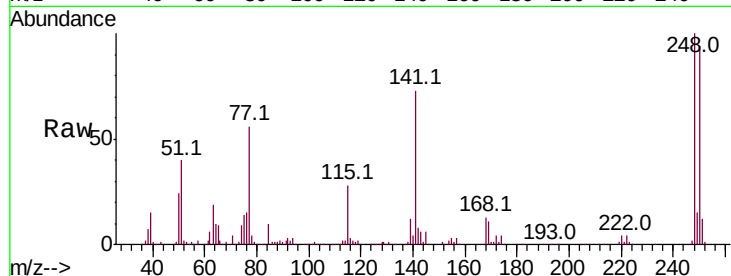




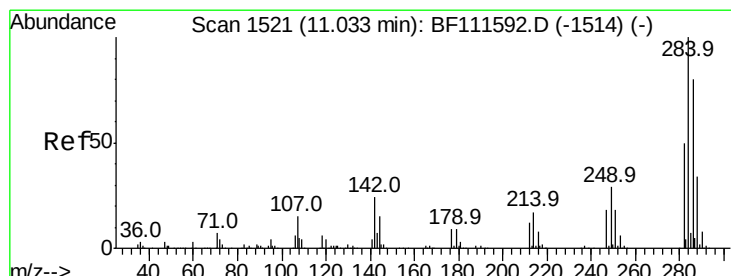
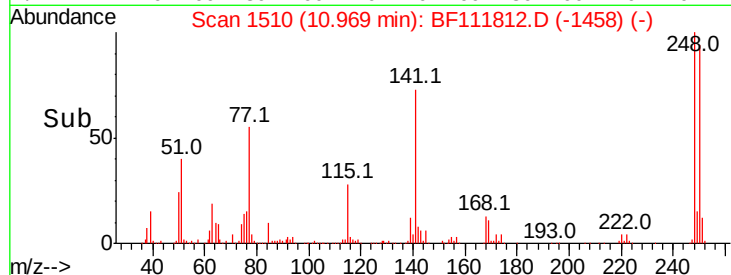
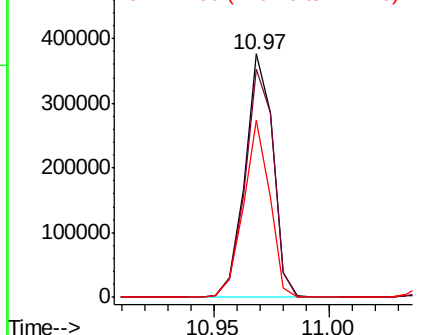
#67
4-Bromophenyl-phenylether
Concen: 45.404 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Instrument :
BNA_F
ClientSampleId :
IDOC-02

Tot Ion:248 Resp: 318486
Ion Ratio Lower Upper
248 100
250 93.8 77.0 115.4
141 72.7 63.0 94.6

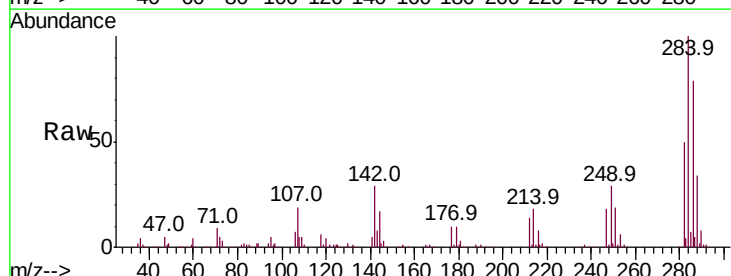


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

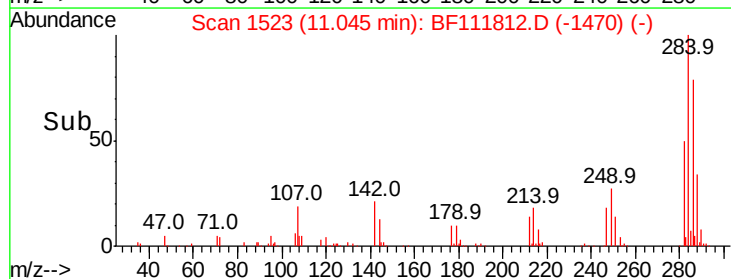
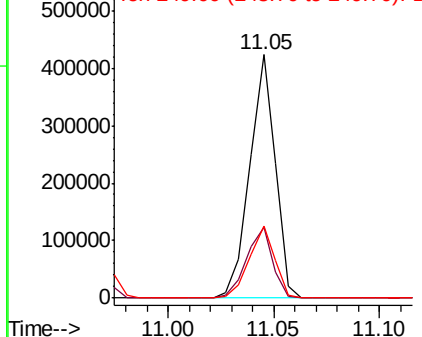


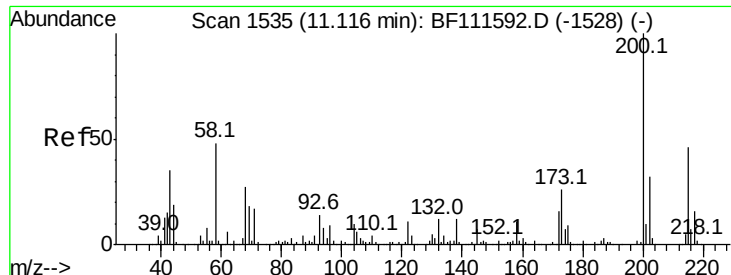
#68
Hexachlorobenzene
Concen: 45.491 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Tgt Ion:284 Resp: 355782
Ion Ratio Lower Upper
284 100
142 29.1 27.4 41.2
249 29.4 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: 44.763 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampled :

IDOC-02

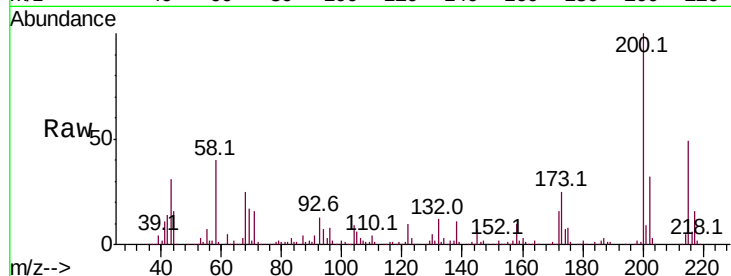
Tot Ion:200 Resp: 295219

Ion Ratio Lower Upper

200 100

173 24.7 10.1 50.1

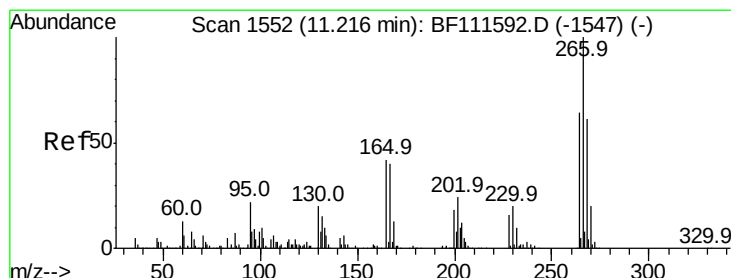
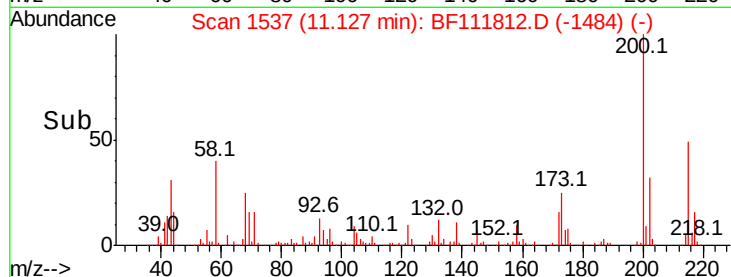
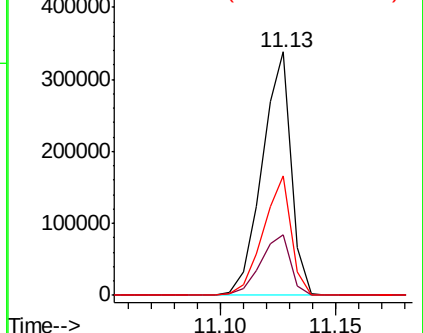
215 49.3 26.9 66.9



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: 65.281 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

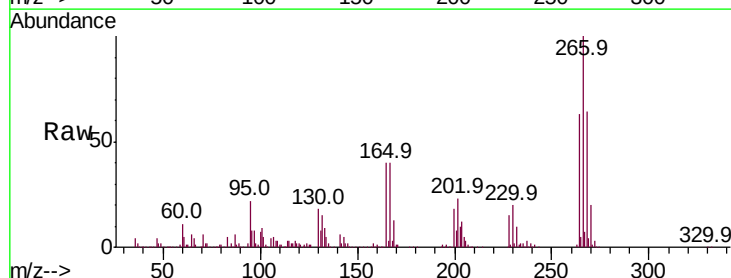
Tgt Ion:266 Resp: 315636

Ion Ratio Lower Upper

266 100

268 64.2 47.9 71.9

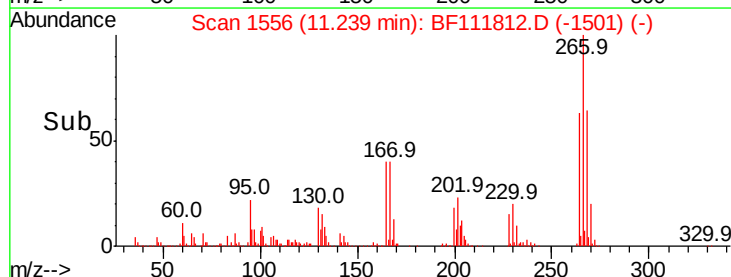
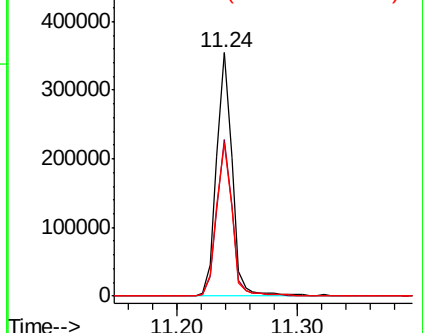
264 62.6 49.1 73.7

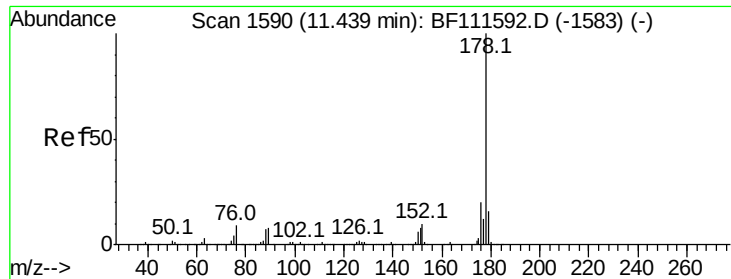


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.859 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

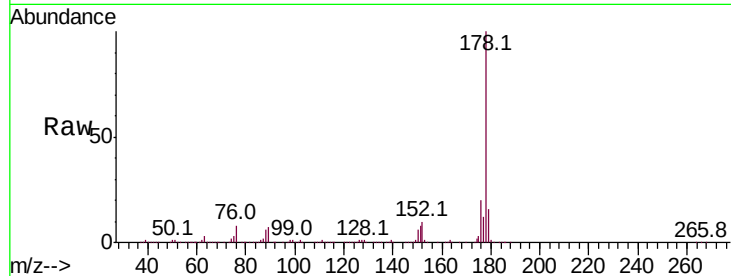
Tot Ion:178 Resp: 1435420

Ion Ratio Lower Upper

178 100

176 19.7 18.1 27.1

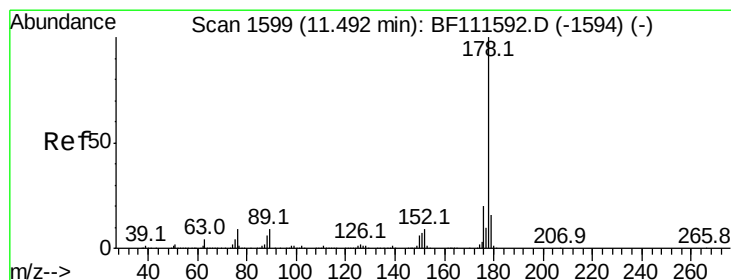
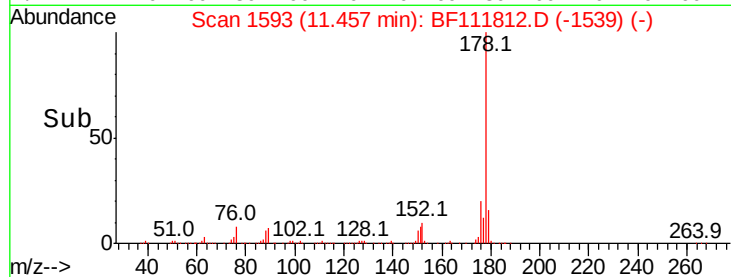
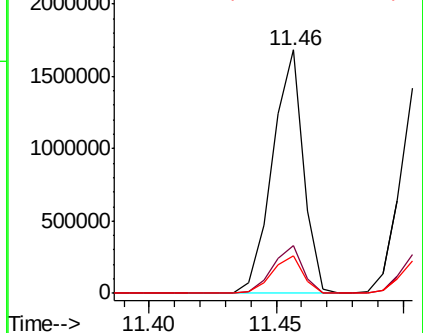
179 15.7 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.825 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

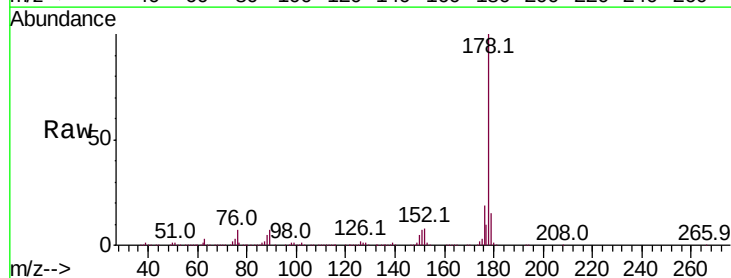
Tgt Ion:178 Resp: 1469856

Ion Ratio Lower Upper

178 100

176 18.9 17.2 25.8

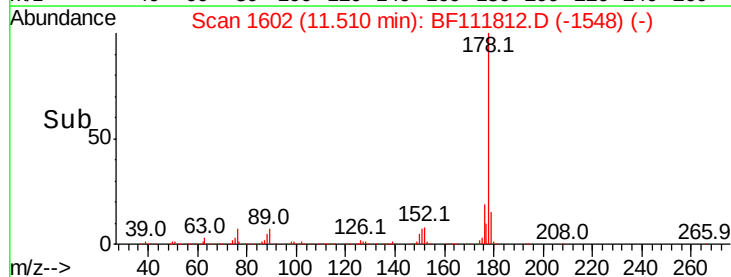
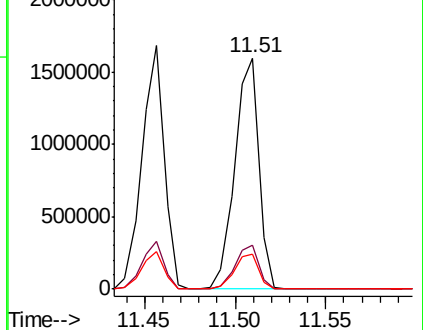
179 15.4 13.8 20.8

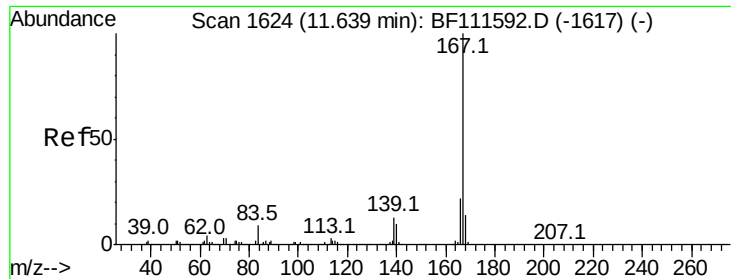


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



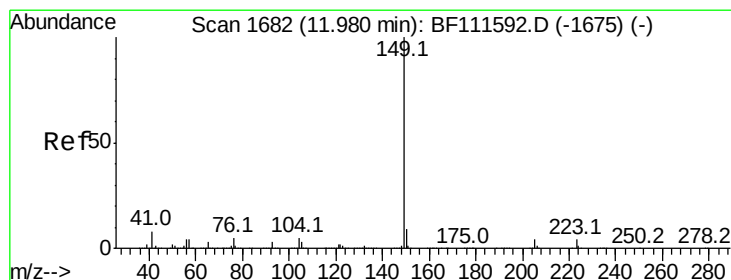
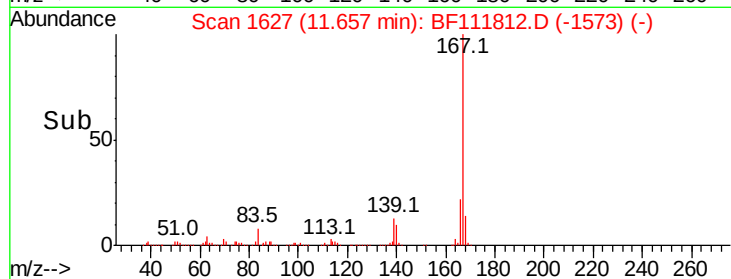
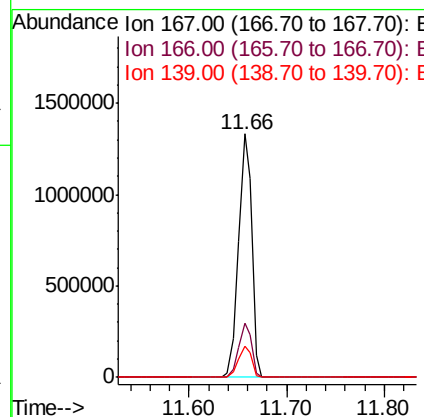
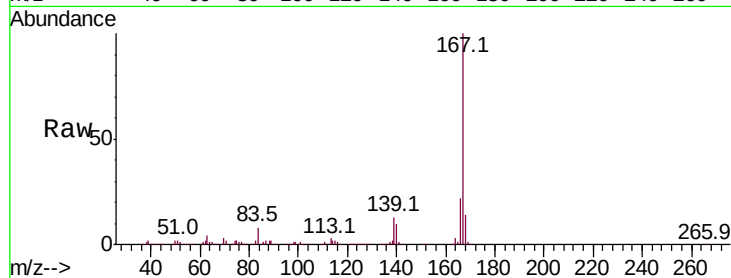


#73
 Carbazole
 Concen: 42.763 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

Tot Ion:167 Resp: 1249857

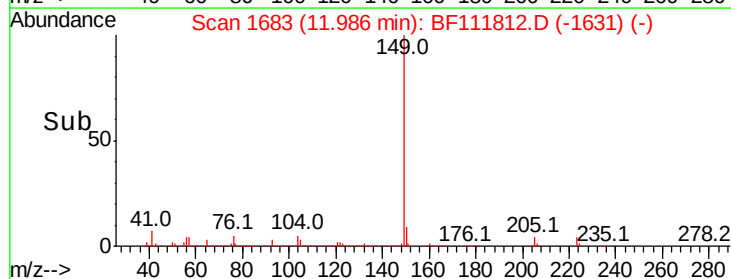
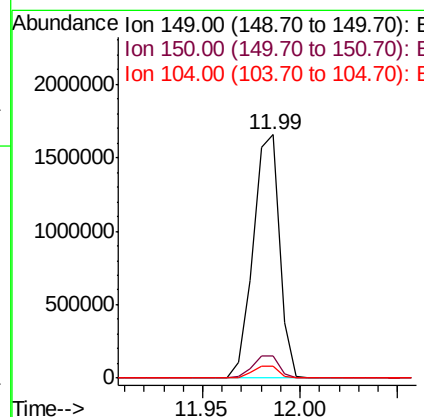
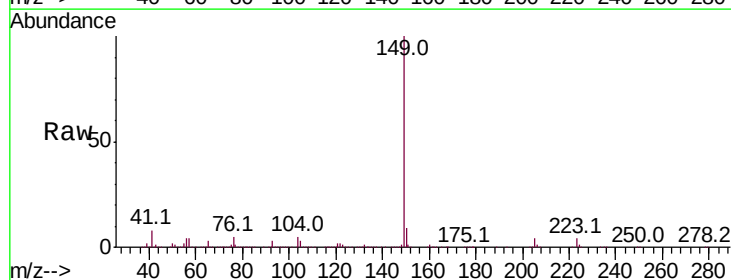
Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.3	28.9
139	12.8	11.9	17.9

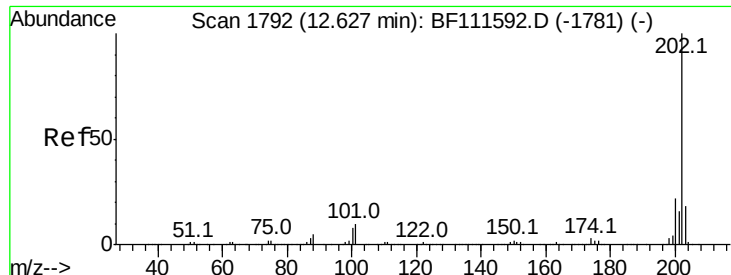


#74
 Di-n-butylphthalate
 Concen: 47.397 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Tgt Ion:149 Resp: 1553214

Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.8	13.2
104	4.8	4.5	6.7

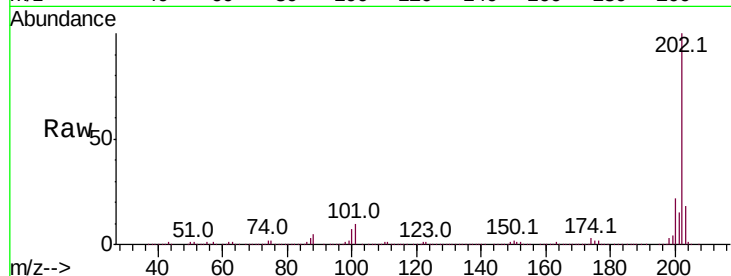




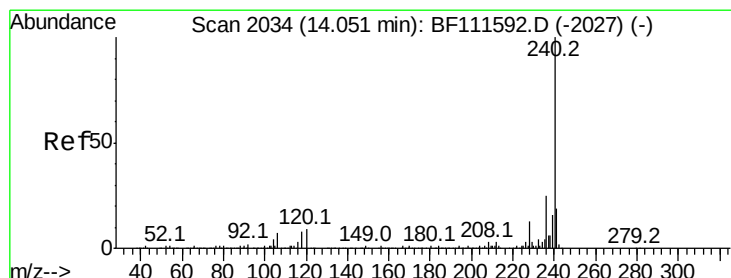
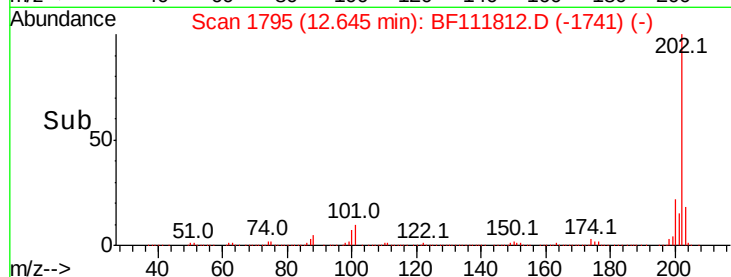
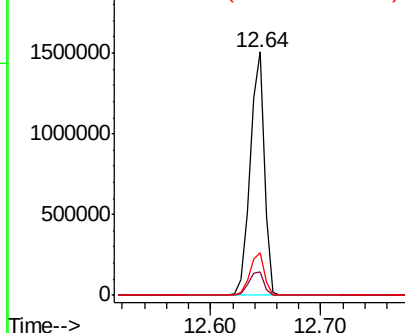
#75
 Fluoranthene
 Concen: 44.954 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. 0.02 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Instrument :
 BNA_F
 ClientSampleId :
 IDOC-02

Tot Ion:202 Resp: 1365335
 Ion Ratio Lower Upper
 202 100
 101 9.8 0.0 33.8
 203 17.5 0.0 38.6

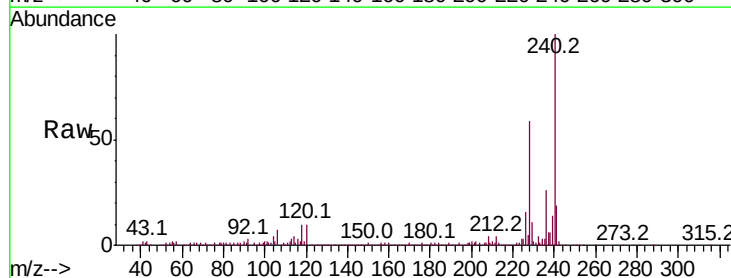


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

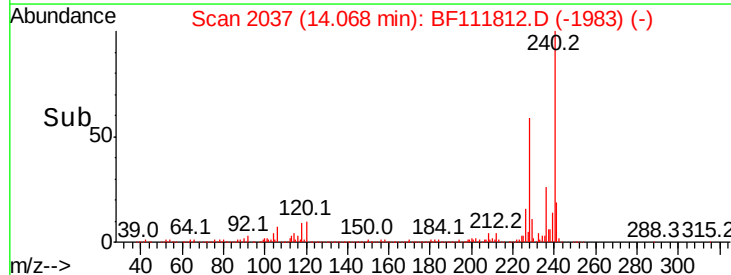
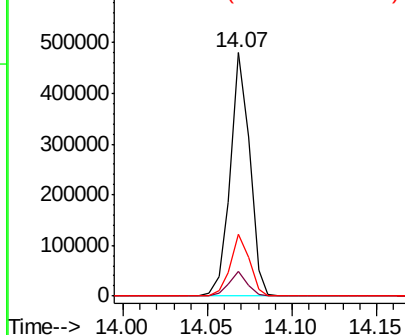


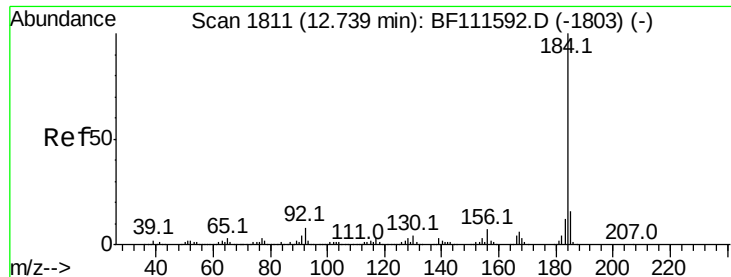
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111812.D
 Acq: 2 Jan 2019 16:38

Tgt Ion:240 Resp: 381877
 Ion Ratio Lower Upper
 240 100
 120 10.2 12.2 18.2#
 236 25.5 20.2 30.2



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





#77

Benzidine

Concen: 36.123 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

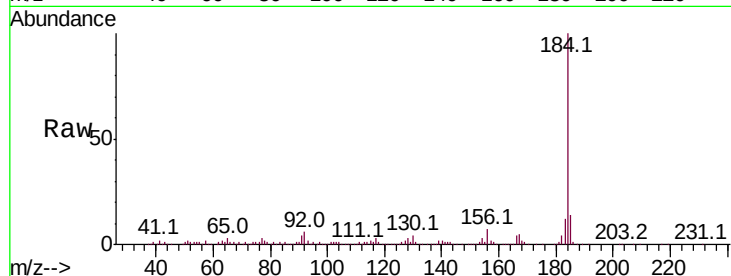
Tot Ion:184 Resp: 519088

Ion Ratio Lower Upper

184 100

185 13.6 13.0 19.6

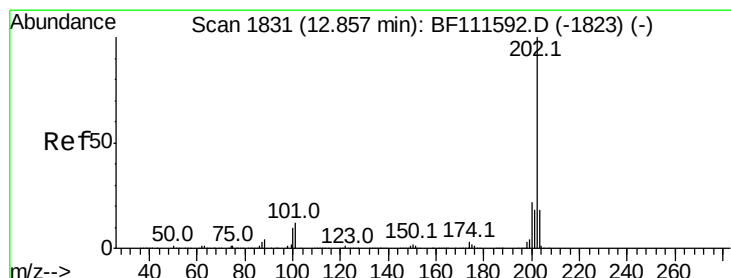
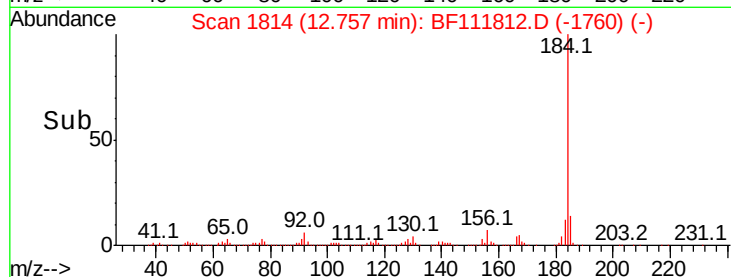
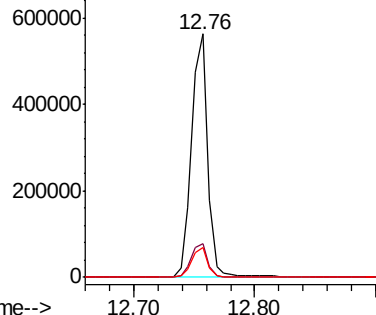
183 12.0 9.3 13.9



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: 49.781 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

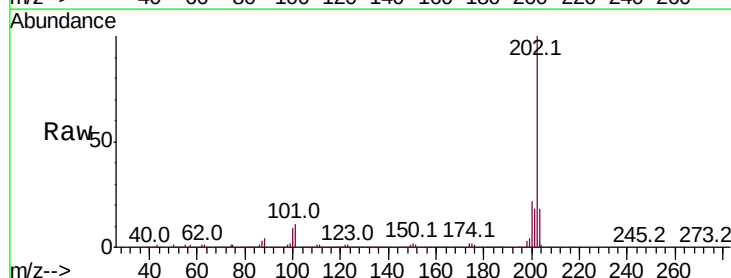
Tgt Ion:202 Resp: 1342468

Ion Ratio Lower Upper

202 100

200 21.8 19.0 28.4

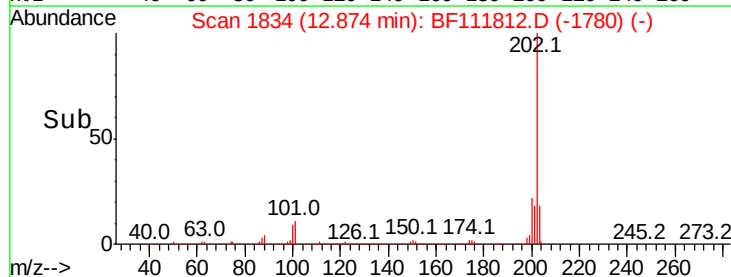
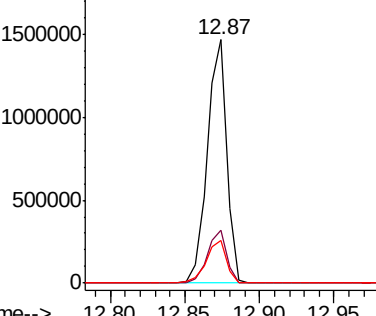
203 17.7 15.2 22.8

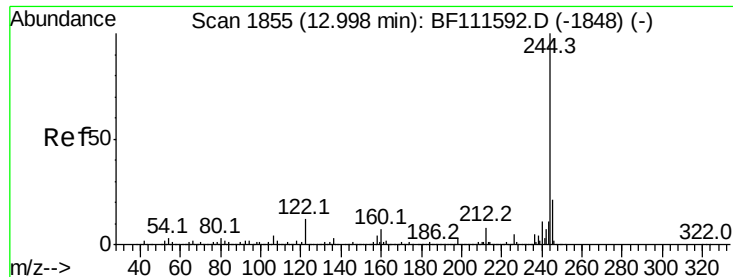


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.605 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

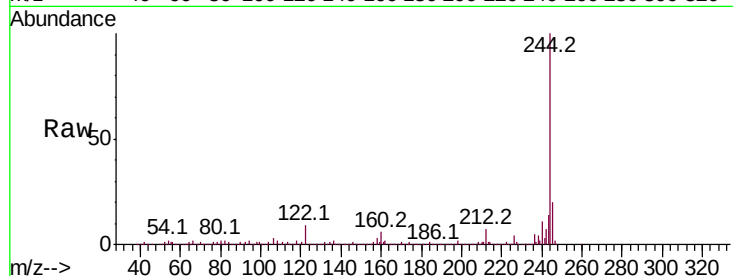
Tot Ion:244 Resp: 1985582

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

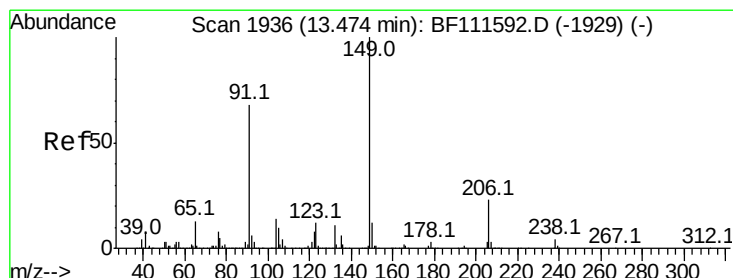
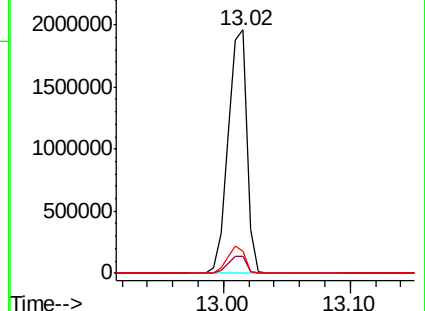
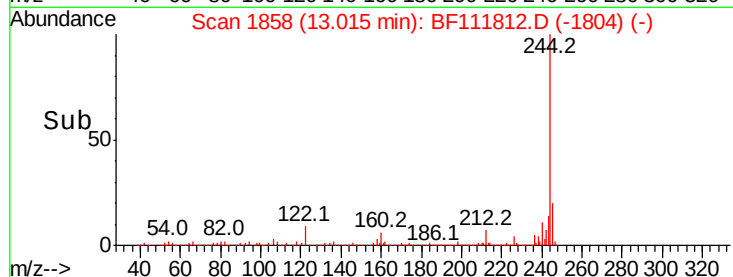
122 9.2 13.1 19.7#



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: 51.187 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

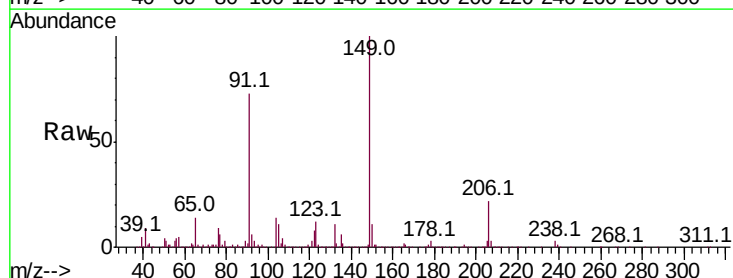
Tgt Ion:149 Resp: 562679

Ion Ratio Lower Upper

149 100

91 72.7 63.8 95.6

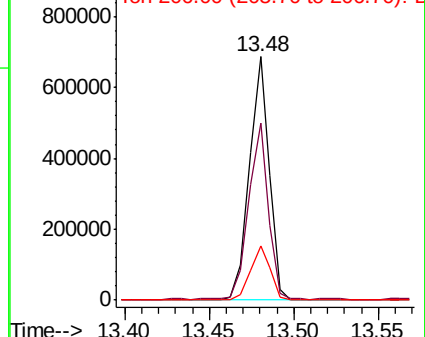
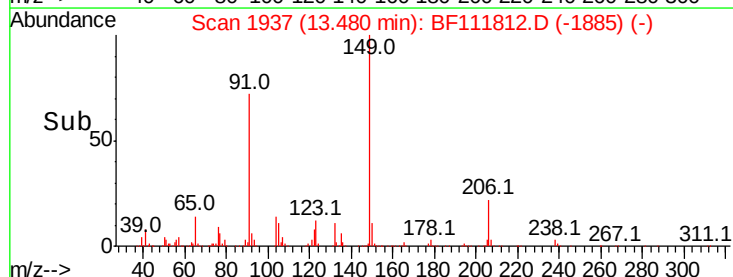
206 22.1 15.1 22.7

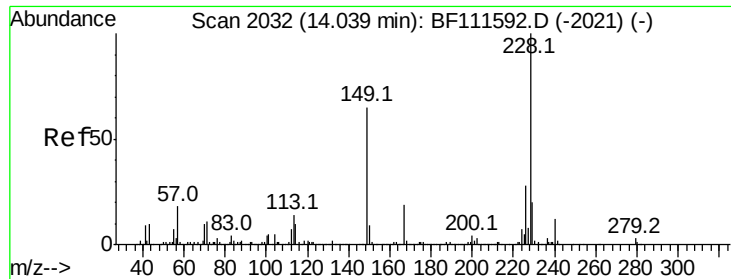


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.828 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

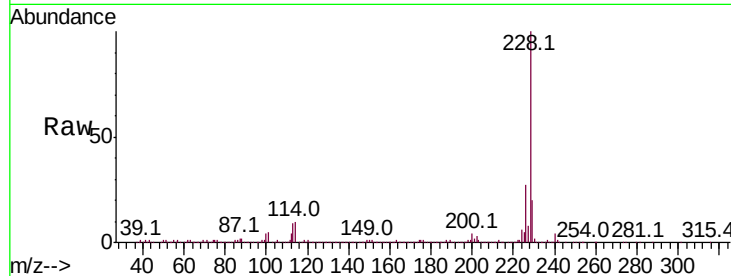
Tot Ion:228 Resp: 1085938

Ion Ratio Lower Upper

228 100

226 27.3 22.6 34.0

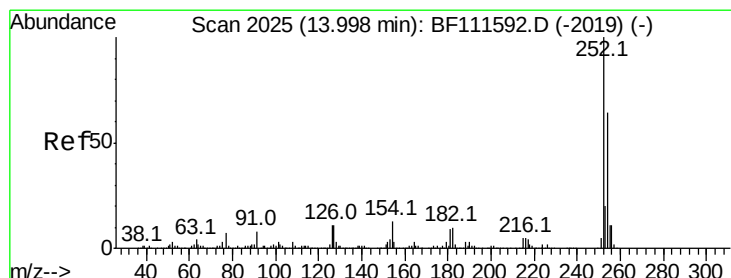
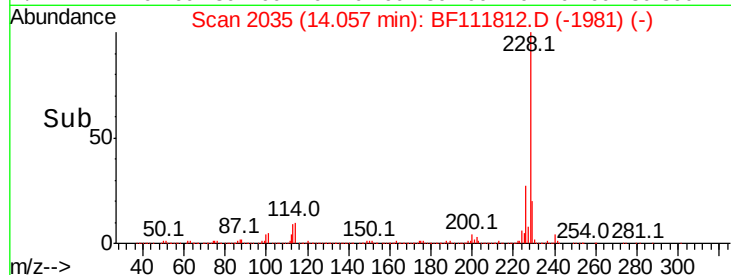
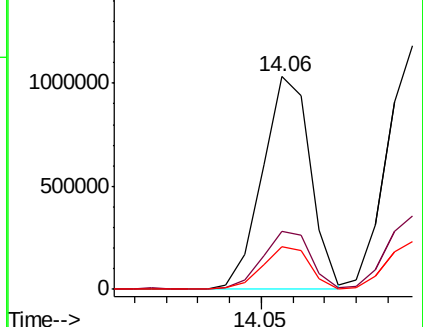
229 20.1 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.259 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

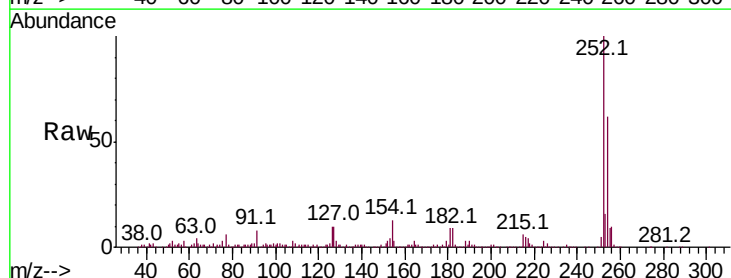
Tgt Ion:252 Resp: 338055

Ion Ratio Lower Upper

252 100

254 62.4 52.7 79.1

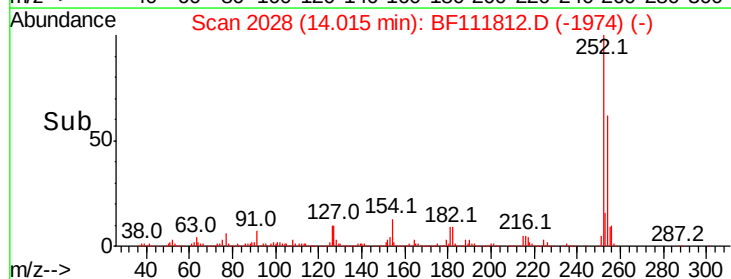
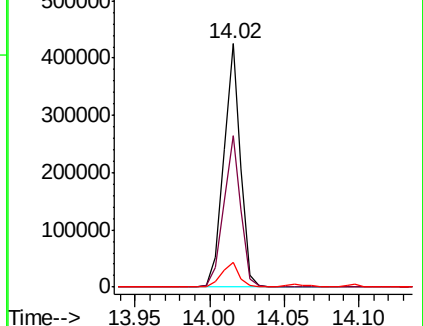
126 10.0 11.1 16.7#

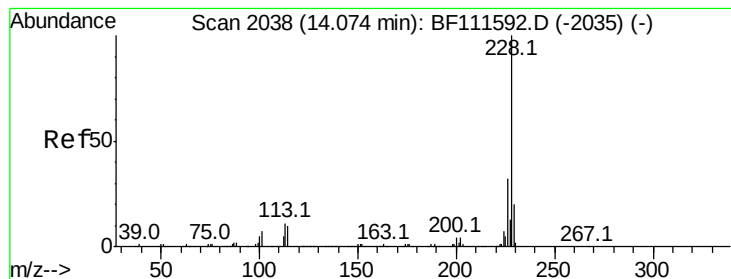


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.566 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.02 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

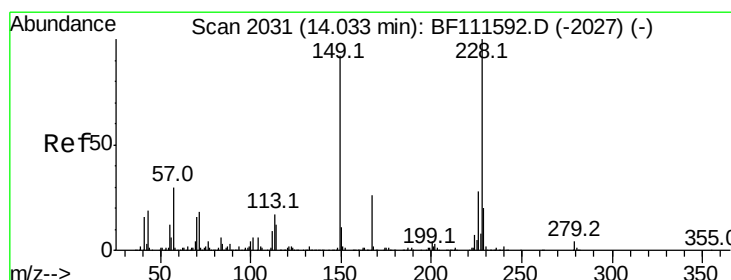
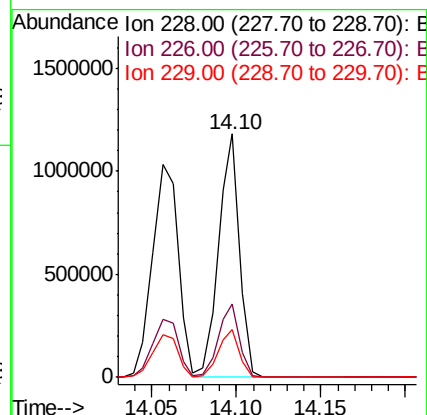
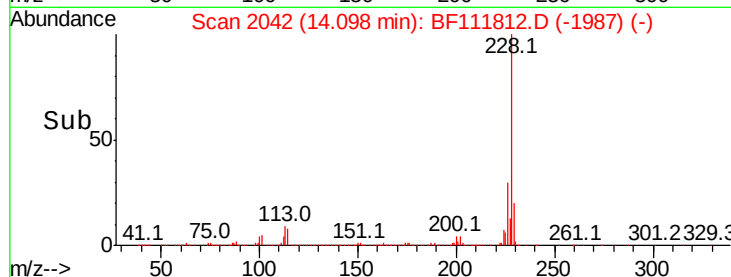
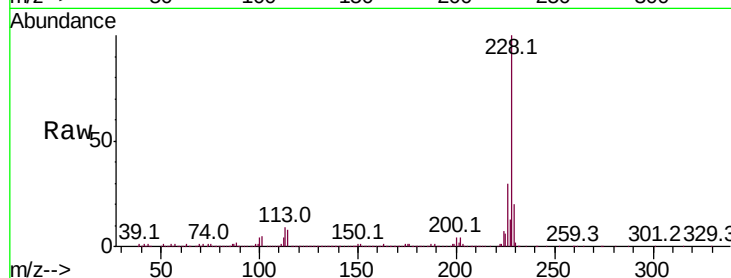
BNA_F

ClientSampleId :

IDOC-02

Tot Ion:228 Resp: 1018856

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.3	37.9
229	19.6	17.2	25.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.742 ng

RT: 14.04 min Scan# 2032

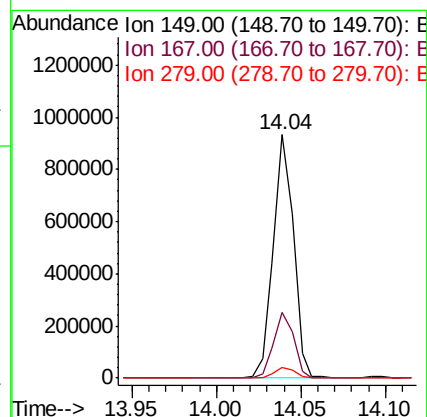
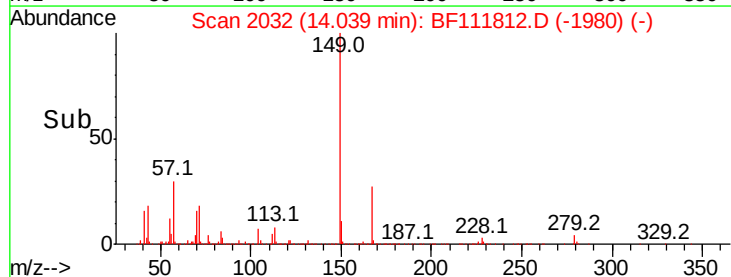
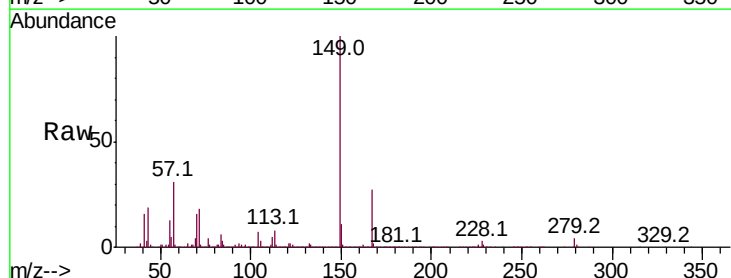
Delta R.T. 0.01 min

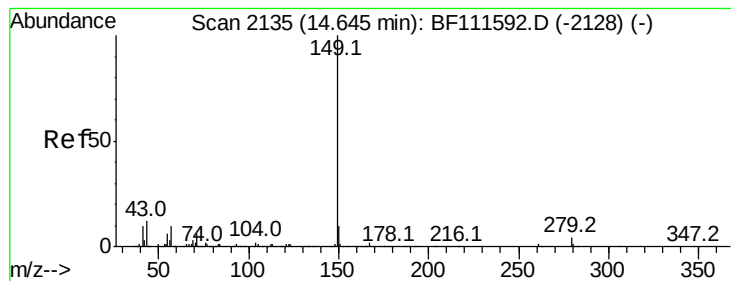
Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Tgt Ion:149 Resp: 771821

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.5	33.7
279	4.2	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 53.448 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

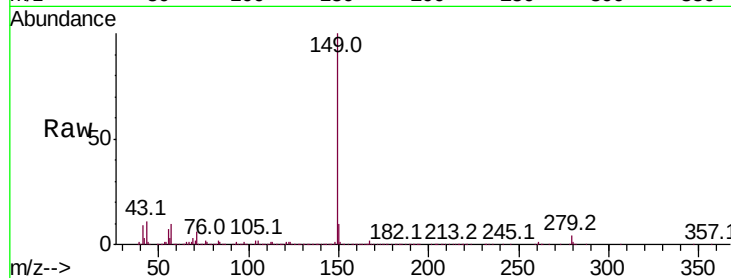
Tot Ion:149 Resp: 1146609

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

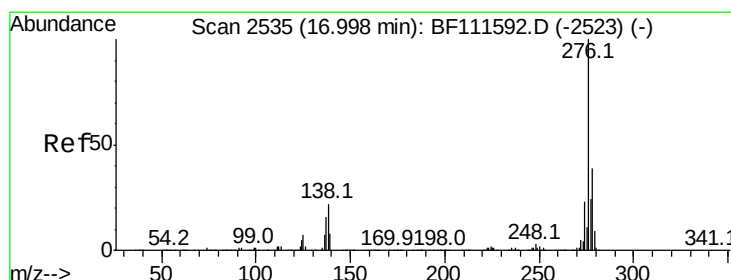
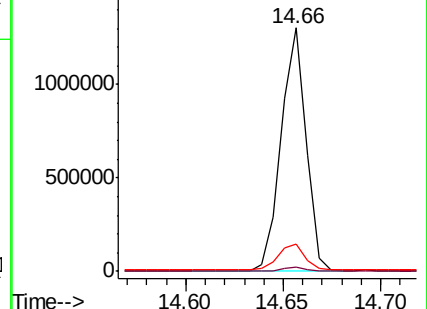
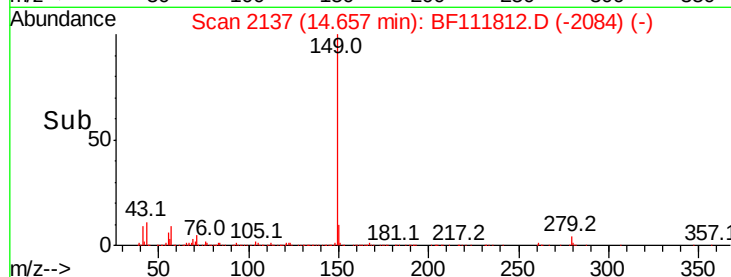
43 11.2 10.9 16.3



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: 64.543 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.07 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

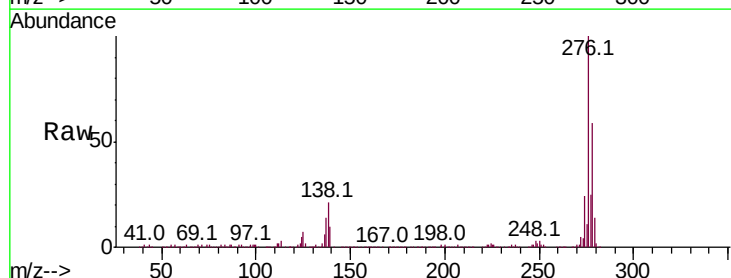
Tgt Ion:276 Resp: 1175255

Ion Ratio Lower Upper

276 100

138 22.3 27.8 41.6#

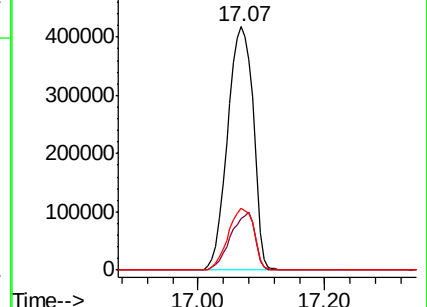
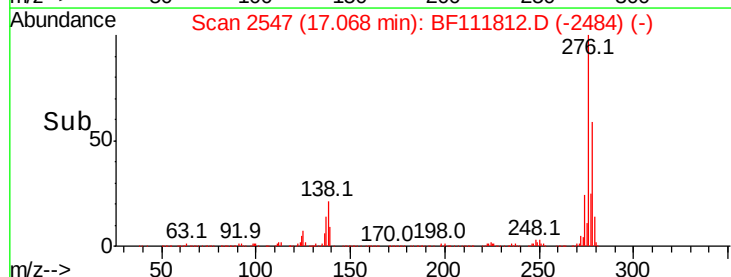
277 25.5 20.1 30.1

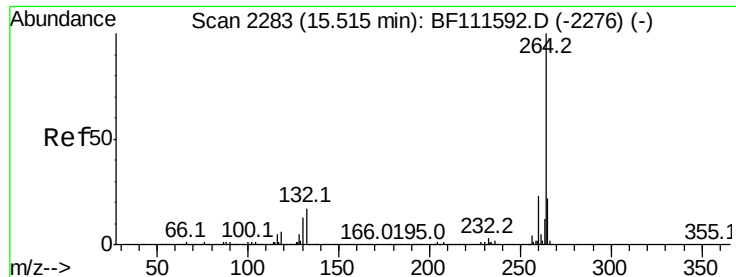


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

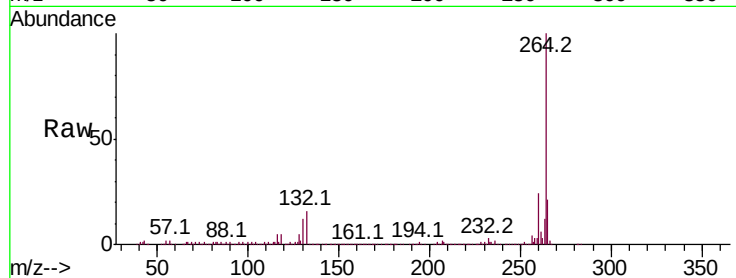
Tot Ion:264 Resp: 371331

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.0 17.7 26.5



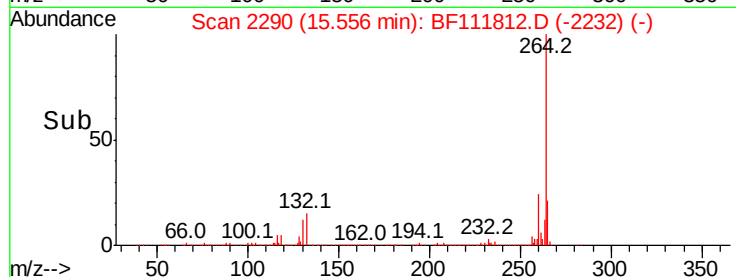
Abundance

Ion 264.00 (263.70 to 264.70): E

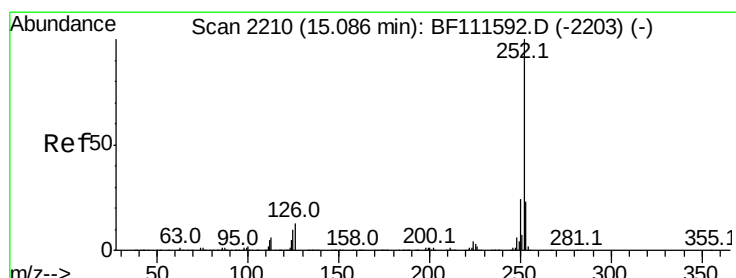
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.56



Time-->



#88

Benzo(b)fluoranthene

Concen: 45.414 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.04 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

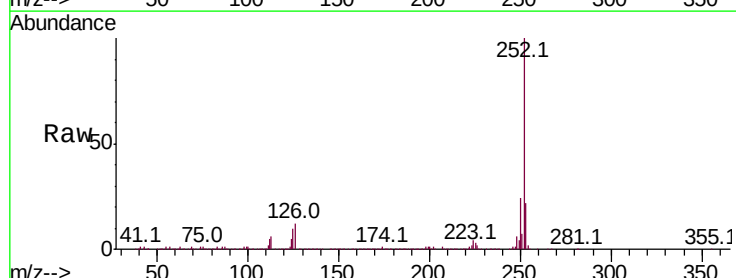
Tgt Ion:252 Resp: 985590

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

125 9.6 10.4 15.6#



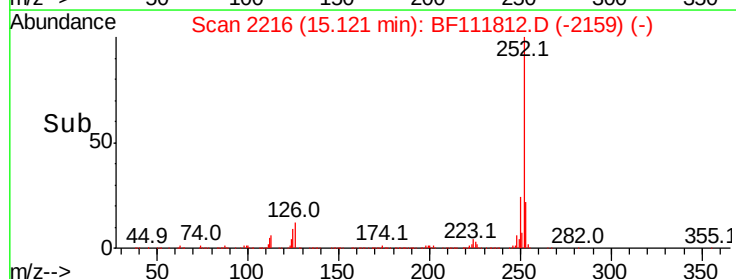
Abundance

Ion 252.00 (251.70 to 252.70): E

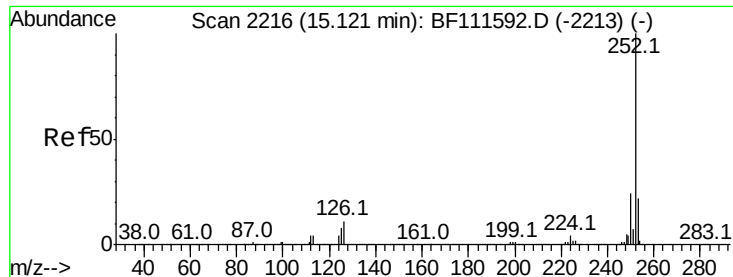
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

15.12



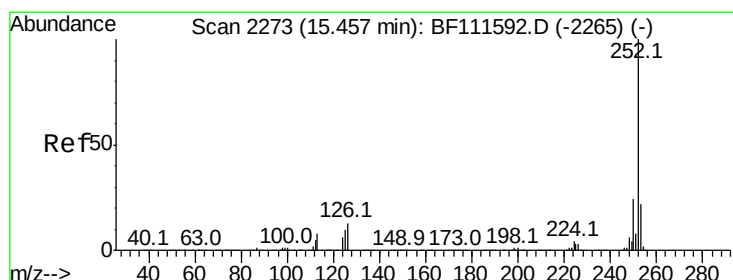
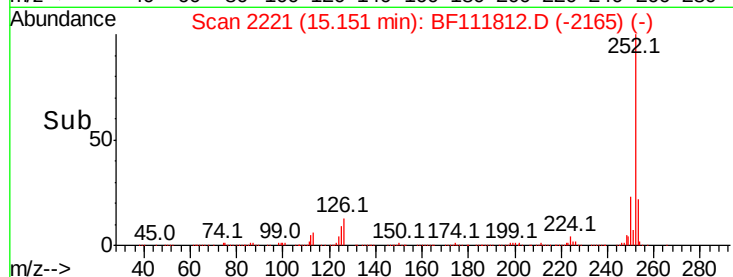
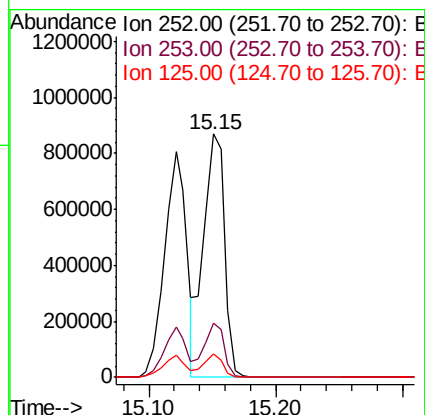
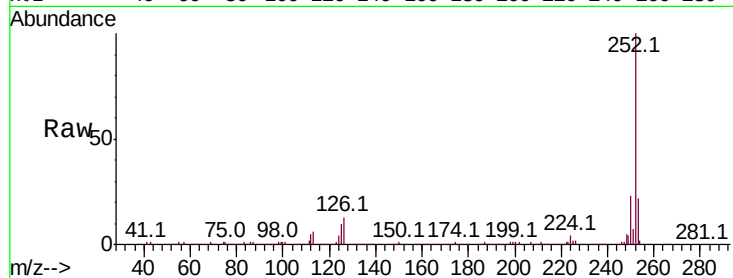
Time-->



#89
Benzo(k)fluoranthene
Concen: 48.493 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.03 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

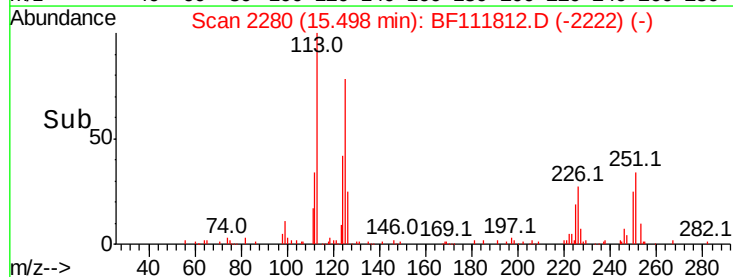
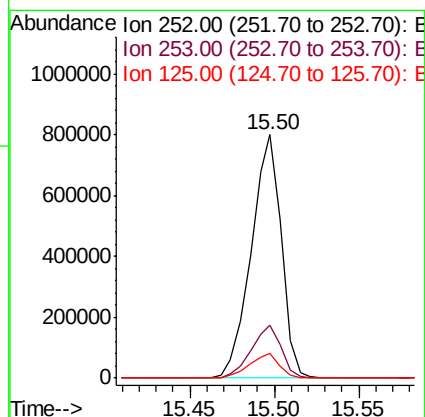
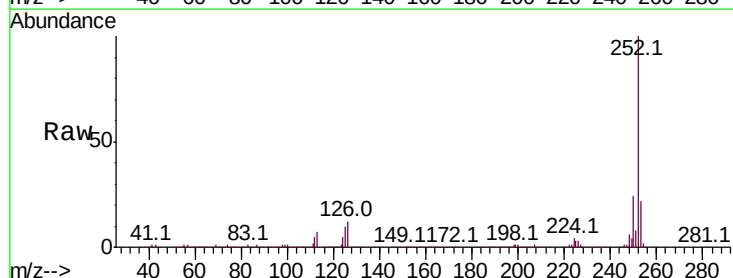
Instrument :
BNA_F
ClientSampleID :
IDOC-02

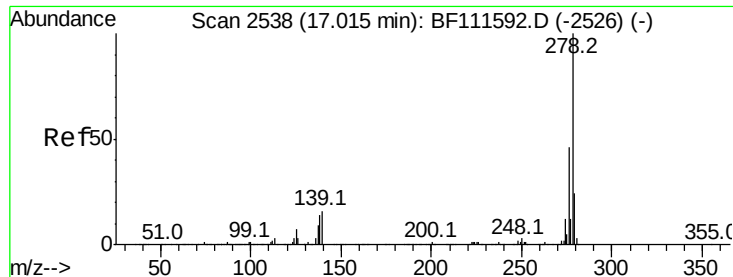
Tot Ion:252 Resp: 1001911
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 9.7 9.8 14.8#



#90
Benzo(a)pyrene
Concen: 50.422 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111812.D
Acq: 2 Jan 2019 16:38

Tgt Ion:252 Resp: 994137
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 10.0 12.3 18.5#





#91

Dibenzo(a,h)anthracene

Concen: 56.464 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.07 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

Instrument :

BNA_F

ClientSampleId :

IDOC-02

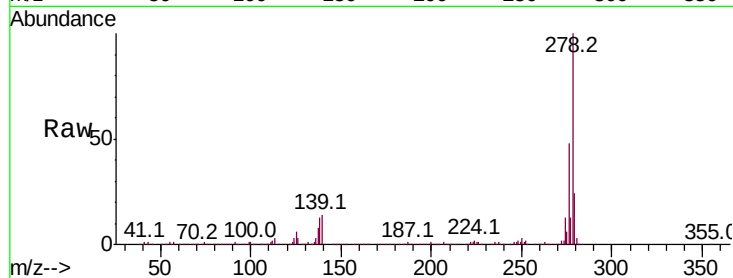
Tot Ion:278 Resp: 974862

Ion Ratio Lower Upper

278 100

139 13.9 18.2 27.4#

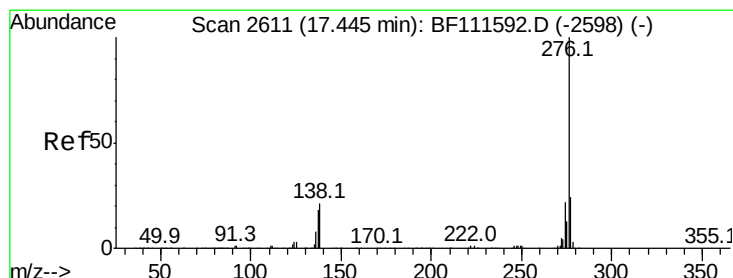
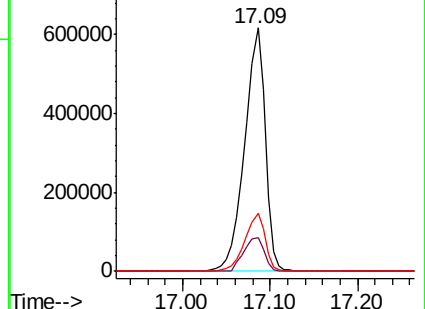
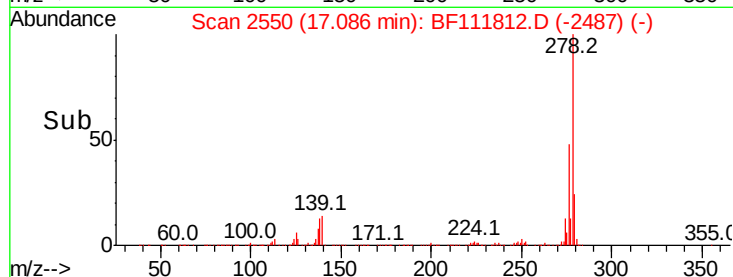
279 24.0 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.299 ng

RT: 17.53 min Scan# 2625

Delta R.T. 0.08 min

Lab File: BF111812.D

Acq: 2 Jan 2019 16:38

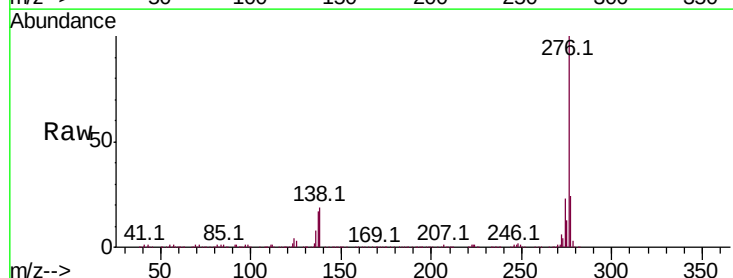
Tgt Ion:276 Resp: 982863

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 18.7 24.9 37.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

