

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112918\
 Data File : BF111087.D
 Acq On : 29 Nov 2018 13:08
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 13:41:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 29 10:35:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	75718	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	323468	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	152648	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	279789	20.00	ng	0.00
76) Chrysene-d12	14.13	240	186906	20.00	ng	0.00
87) Perylene-d12	15.66	264	137721	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	371996	81.47	ng	0.00
7) Phenol-d6	6.57	99	480404	80.74	ng	0.00
23) Nitrobenzene-d5	7.50	82	457494	80.94	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	122327	80.69	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	833616	79.12	ng	0.00
79) Terphenyl-d14	13.05	244	825961	86.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	87798	40.136	ng	89
3) Pyridine	3.55	79	168912	35.263	ng	# 84
4) n-Nitrosodimethylamine	3.53	42	85571	39.040	ng	87
6) Aniline	6.60	93	305458	41.526	ng	# 56
8) 2-Chlorophenol	6.72	128	223060	41.222	ng	99
9) Benzaldehyde	6.50	77	126817	39.854	ng	95
10) Phenol	6.58	94	271853	40.569	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	201824	39.978	ng	93
12) 1,3-Dichlorobenzene	6.87	146	242654	40.819	ng	99
13) 1,4-Dichlorobenzene	6.95	146	247158	40.430	ng	99
14) 1,2-Dichlorobenzene	7.10	146	232327	40.379	ng	100
15) Benzyl Alcohol	7.08	79	183108	40.043	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	325534	40.518	ng	86
17) 2-Methylphenol	7.19	107	169985	39.509	ng	# 88
18) Hexachloroethane	7.43	117	92200	41.001	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	154606	39.889	ng	96
20) 3+4-Methylphenols	7.35	107	221716	38.767	ng	# 69
22) Acetophenone	7.35	105	309545	40.826	ng	# 96
24) Nitrobenzene	7.53	77	236512	40.239	ng	93
25) Isophorone	7.76	82	369760	39.882	ng	97
26) 2-Nitrophenol	7.84	139	118853	41.622	ng	96
27) 2,4-Dimethylphenol	7.87	122	176406	40.907	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	252966	40.728	ng	99
29) 2,4-Dichlorophenol	8.08	162	186037	41.226	ng	100
30) 1,2,4-Trichlorobenzene	8.16	180	204934	40.523	ng	95
31) Naphthalene	8.24	128	607639	40.075	ng	100
32) Benzoic acid	8.03	122	119096	37.146	ng	95
33) 4-Chloroaniline	8.29	127	270229	41.872	ng	99
34) Hexachlorobutadiene	8.34	225	117247	40.705	ng	99
35) Caprolactam	8.68	113	59037	38.321	ng	89
36) 4-Chloro-3-methylphenol	8.77	107	201025	40.093	ng	97
37) 2-Methylnaphthalene	8.93	142	397517	39.692	ng	98
38) 1-Methylnaphthalene	9.03	142	378080	38.811	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	196144	40.847	ng	99

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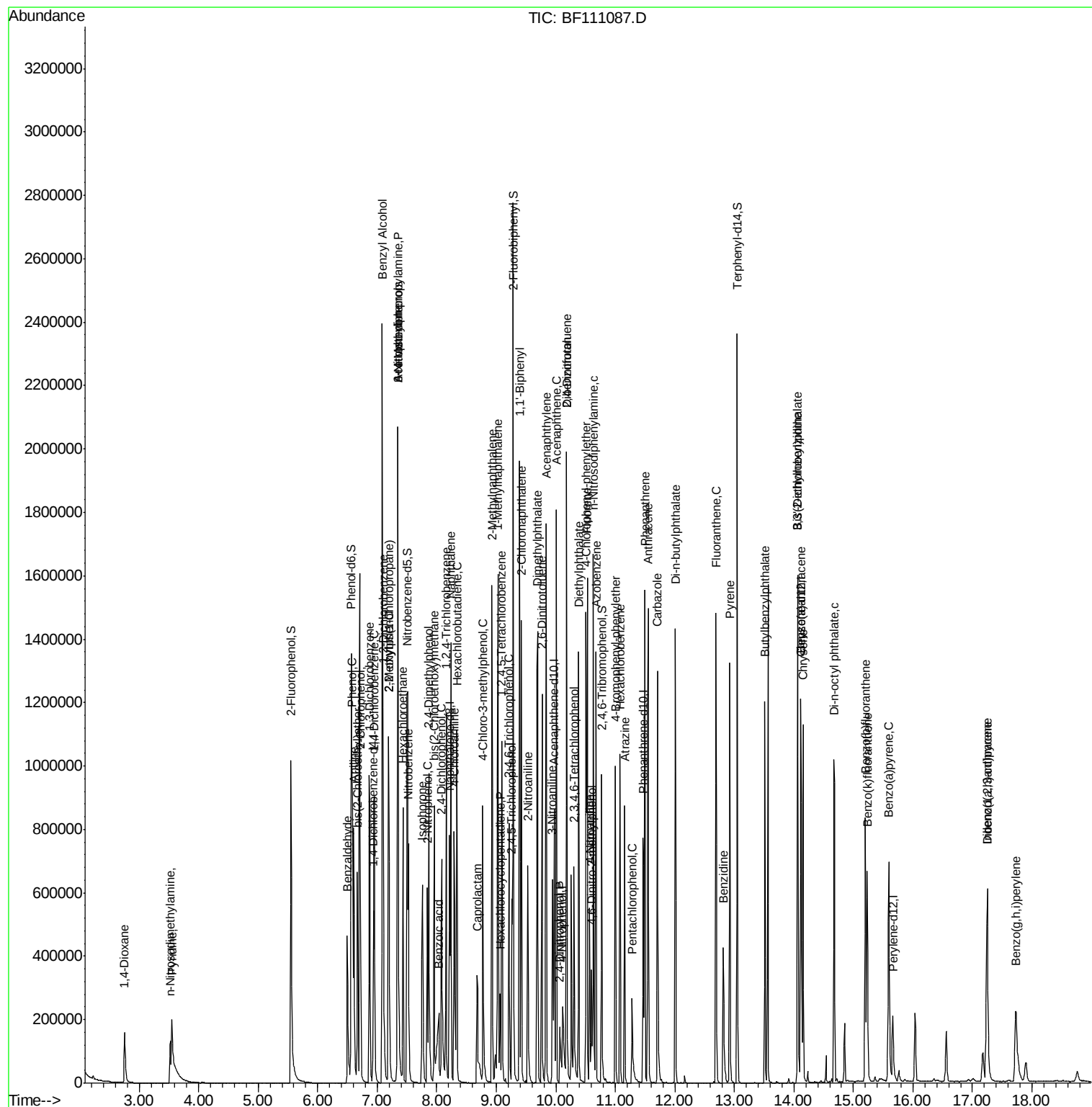
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	30825	51.948	ng	96
43) 2,4,6-Trichlorophenol	9.22	196	116833	40.738	ng	93
44) 2,4,5-Trichlorophenol	9.26	196	121588	40.264	ng	95
46) 1,1'-Biphenyl	9.39	154	567658	40.336	ng	99
47) 2-Chloronaphthalene	9.42	162	411247	40.303	ng	99
48) 2-Nitroaniline	9.53	65	130275	40.818	ng	93
49) Acenaphthylene	9.84	152	569139	39.225	ng	98
50) Dimethylphthalate	9.69	163	432346	38.619	ng	99
51) 2,6-Dinitrotoluene	9.77	165	98233	39.415	ng #	89
52) Acenaphthene	10.01	154	370845	39.868	ng	98
53) 3-Nitroaniline	9.95	138	116185	39.998	ng	88
54) 2,4-Dinitrophenol	10.07	184	34371	40.937	ng	88
55) Dibenzofuran	10.18	168	525814	38.748	ng	100
56) 4-Nitrophenol	10.12	139	53040	35.344	ng	97
57) 2,4-Dinitrotoluene	10.19	165	128045	39.599	ng	98
58) Fluorene	10.53	166	412715	39.090	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	92059	37.146	ng	90
60) Diethylphthalate	10.39	149	450290	39.004	ng	99
61) 4-Chlorophenyl-phenylether	10.51	204	219164	39.687	ng	97
62) 4-Nitroaniline	10.57	138	110826	40.977	ng	97
63) Azobenzene	10.67	77	435046	38.661	ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	52110	39.373	ng	78
66) n-Nitrosodiphenylamine	10.63	169	387917	41.648	ng	98
67) 4-Bromophenyl-phenylether	11.00	248	125370	41.143	ng	96
68) Hexachlorobenzene	11.08	284	133896	41.254	ng	97
69) Atrazine	11.16	200	102961	38.818	ng	98
70) Pentachlorophenol	11.28	266	47478	36.768	ng	99
71) Phenanthrene	11.50	178	597809	40.342	ng	99
72) Anthracene	11.55	178	602854	39.948	ng	99
73) Carbazole	11.71	167	591384	40.374	ng	99
74) Di-n-butylphthalate	12.01	149	676976	39.529	ng	99
75) Fluoranthene	12.69	202	589152	38.683	ng	99
77) Benzidine	12.82	184	218879	45.784	ng	97
78) Pyrene	12.93	202	602213	44.115	ng	98
80) Butylbenzylphthalate	13.52	149	266578	43.253	ng	97
81) Benzo(a)anthracene	14.12	228	443492	40.191	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	153551	40.583	ng	99
83) Chrysene	14.16	228	429122	39.504	ng	99
84) Bis(2-ethylhexyl)phthalate	14.06	149	345307	42.047	ng	98
85) Di-n-octyl phthalate	14.67	149	496358	38.289	ng	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	328881	42.179	ng	98
88) Benzo(b)fluoranthene	15.20	252	313708	38.775	ng	98
89) Benzo(k)fluoranthene	15.23	252	336080	40.358	ng	100
90) Benzo(a)pyrene	15.60	252	295483	39.236	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	274789	44.223	ng	99
92) Benzo(g,h,i)perylene	17.73	276	273838	45.707	ng	98

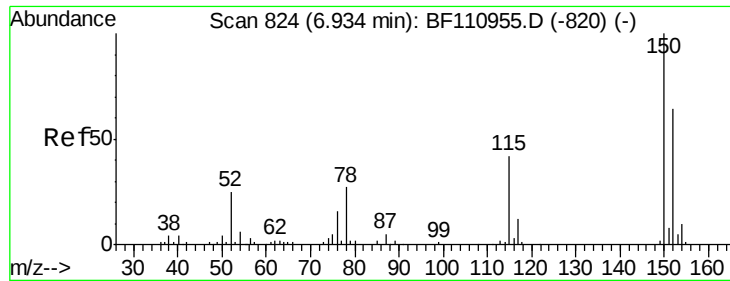
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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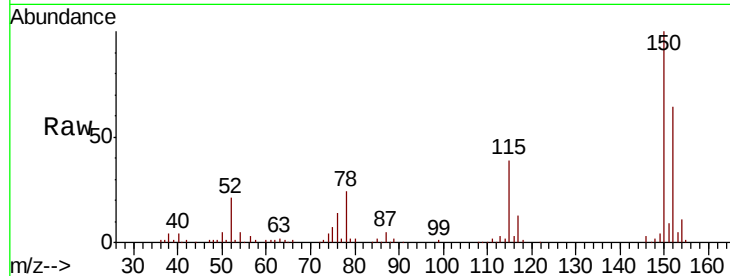


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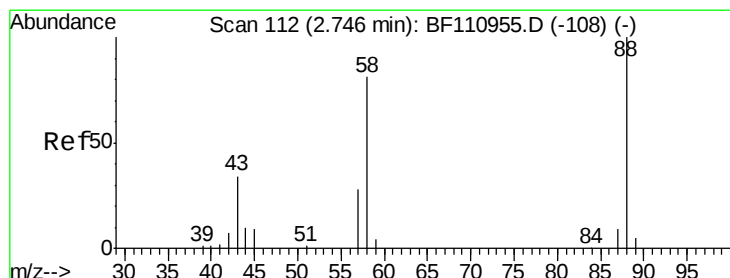
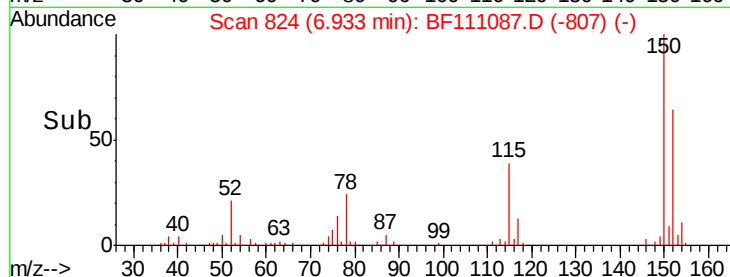
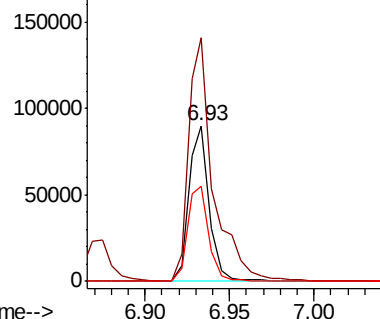
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75718
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 60.7 49.1 73.7



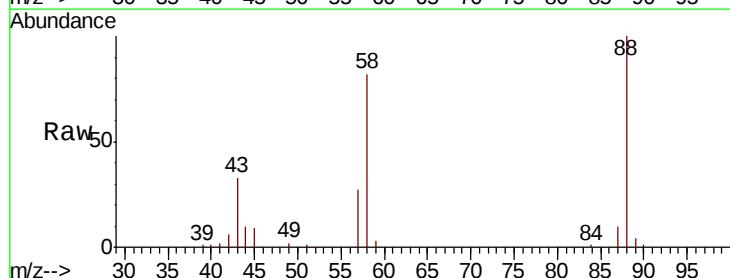
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



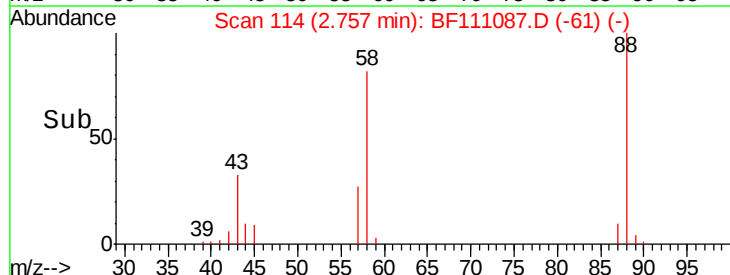
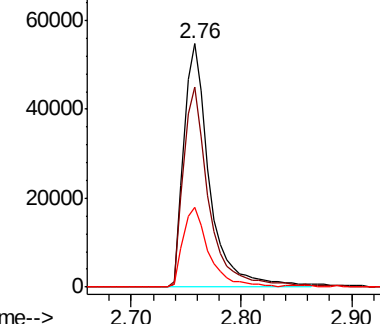
#2

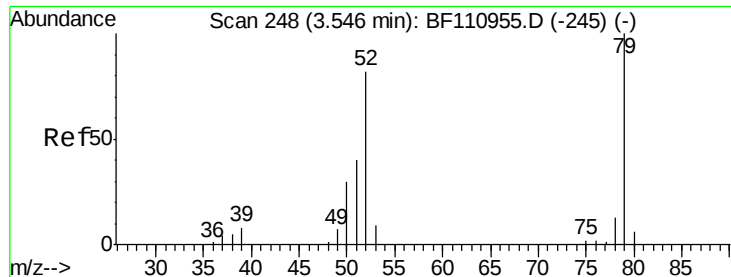
1,4-Dioxane
Concen: 40.136 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion: 88 Resp: 87798
Ion Ratio Lower Upper
88 100
58 82.2 57.1 85.7
43 33.0 24.1 36.1



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

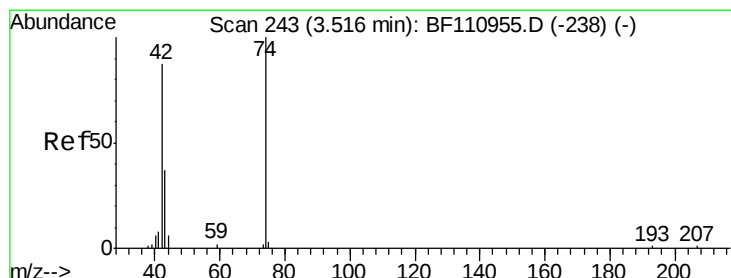
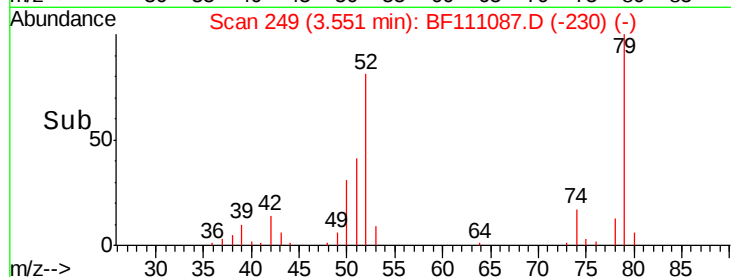
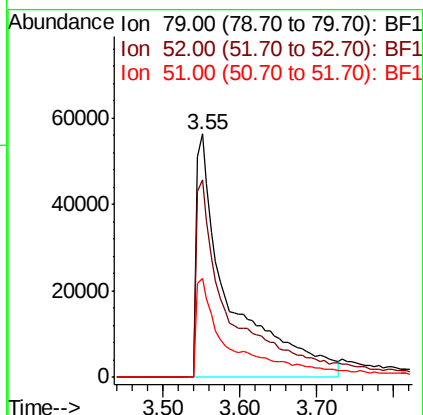
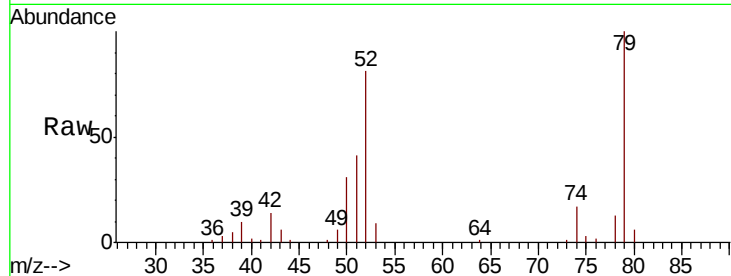




#3
 Pvridine
 Concen: 35.263 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.01 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

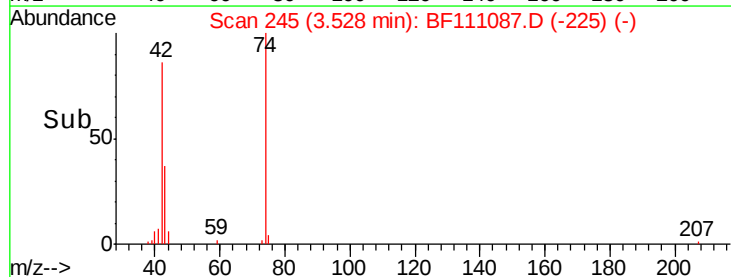
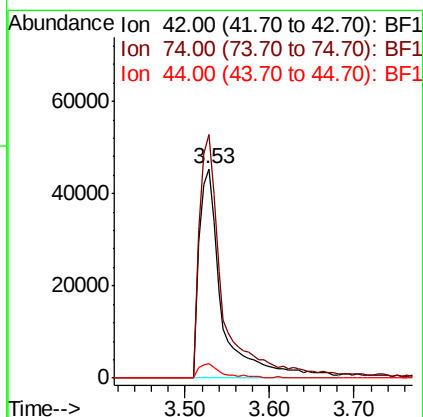
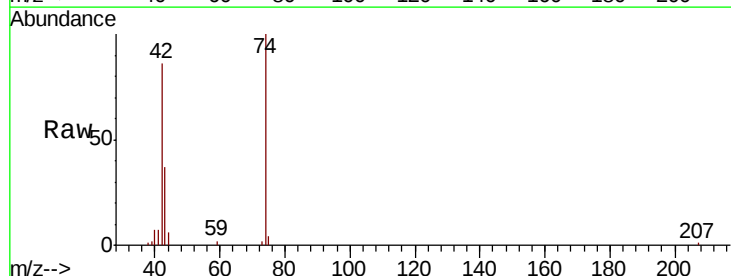
Instrument :
 BNA_F
 ClientSampleId :

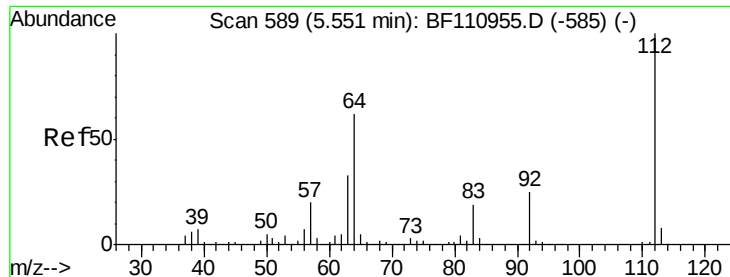
Tot Ion: 79 Resp: 168912
 Ion Ratio Lower Upper
 79 100
 52 81.3 53.1 79.7#
 51 40.8 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 39.040 ng
 RT: 3.53 min Scan# 245
 Delta R.T. 0.02 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

Tgt Ion: 42 Resp: 85571
 Ion Ratio Lower Upper
 42 100
 74 116.2 105.5 158.3
 44 7.1 4.9 7.3





#5

2-Fluorophenol

Concen: 81.472 ng

RT: 5.55 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

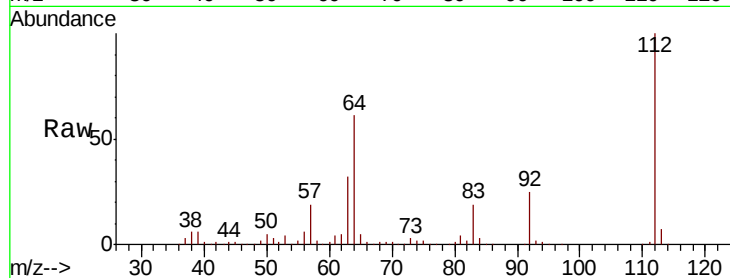
Tot Ion:112 Resp: 371996

Ion Ratio Lower Upper

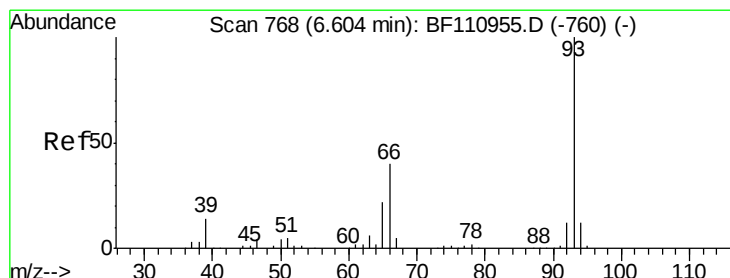
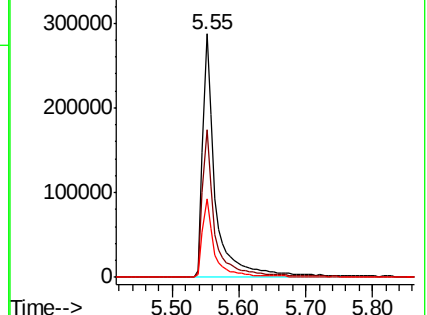
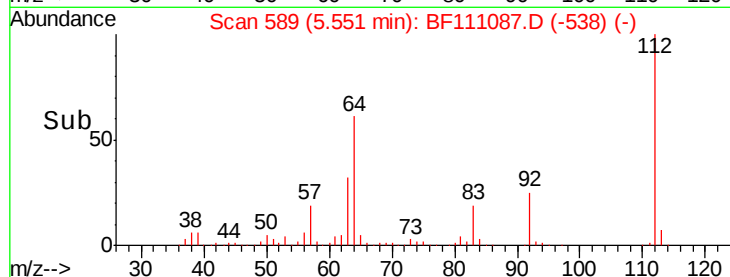
112 100

64 60.8 44.1 66.1

63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 41.526 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

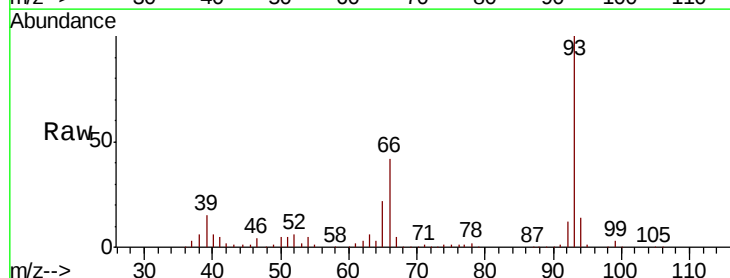
Tgt Ion: 93 Resp: 305458

Ion Ratio Lower Upper

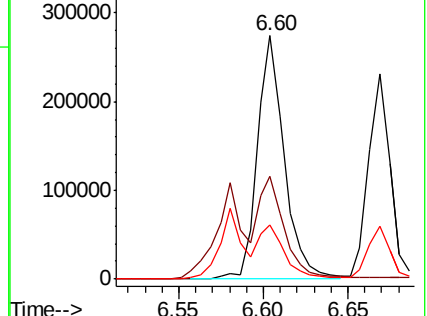
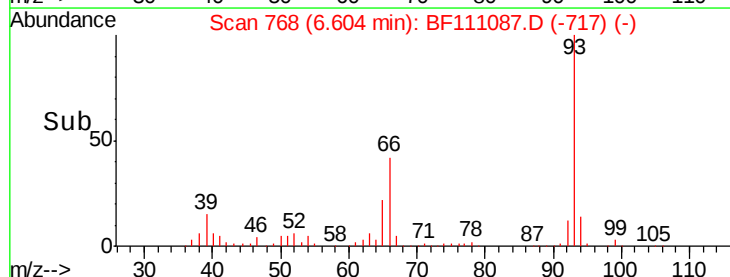
93 100

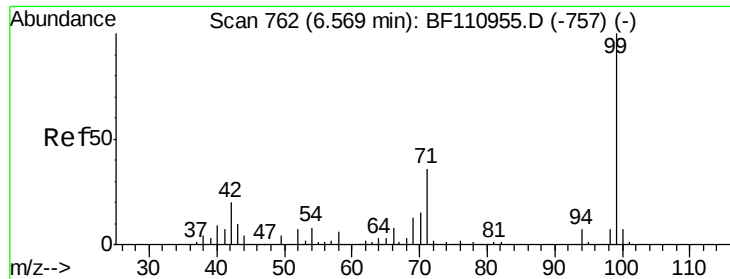
66 42.3 67.4 101.0#

65 22.1 41.0 61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.737 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampled :

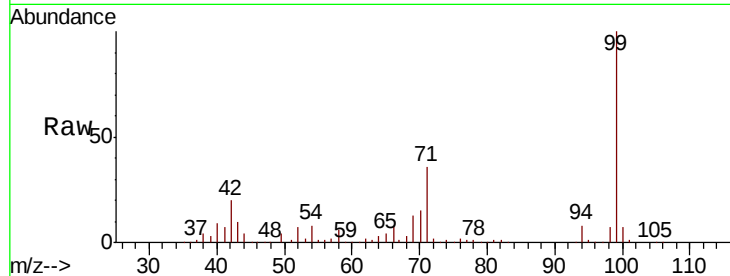
Tot Ion: 99 Resp: 480404

Ion Ratio Lower Upper

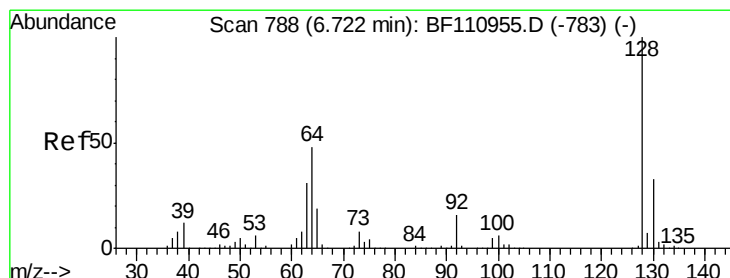
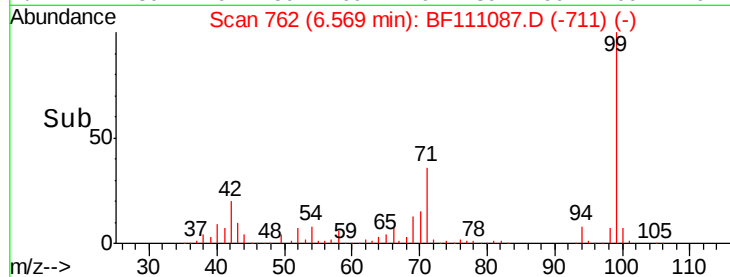
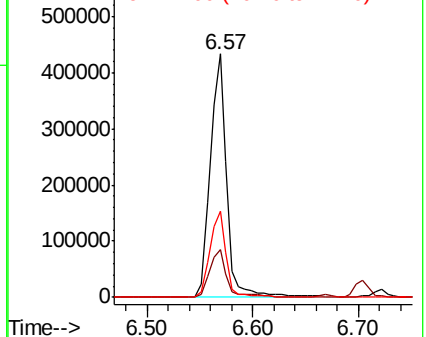
99 100

42 19.8 15.8 23.6

71 35.6 28.0 42.0



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: 41.222 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

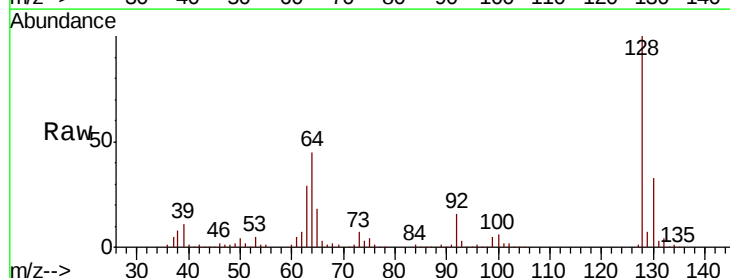
Tgt Ion: 128 Resp: 223060

Ion Ratio Lower Upper

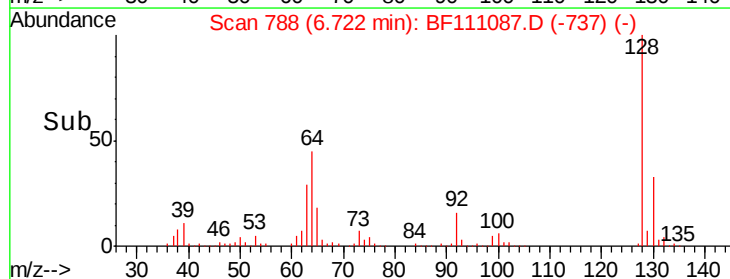
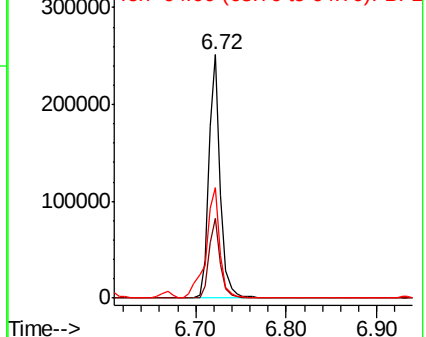
128 100

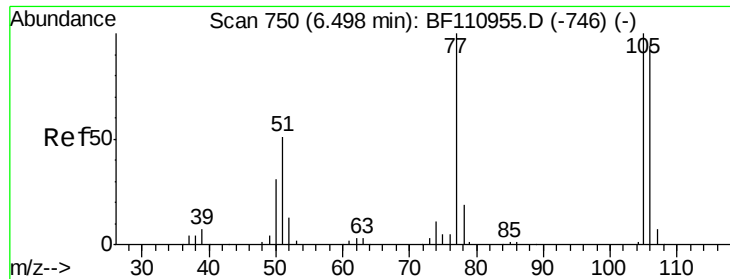
130 32.7 13.1 53.1

64 45.4 26.0 66.0



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: 39.854 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampled :

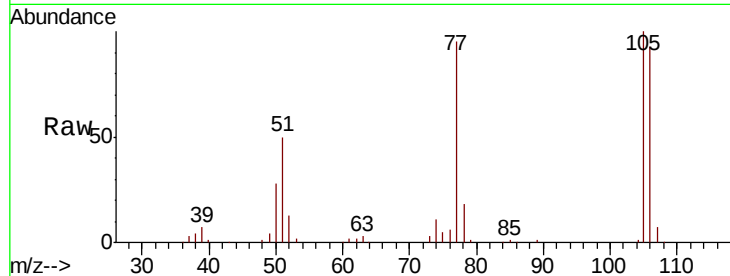
Tot Ion: 77 Resp: 126817

Ion Ratio Lower Upper

77 100

105 104.9 78.6 118.6

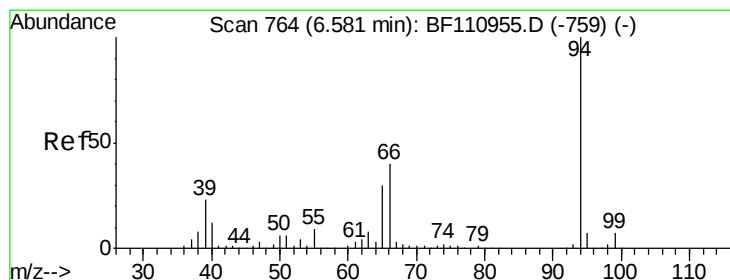
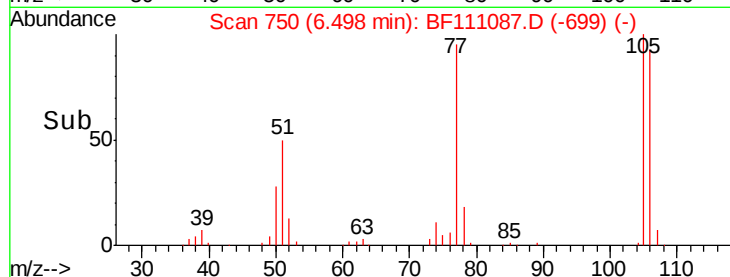
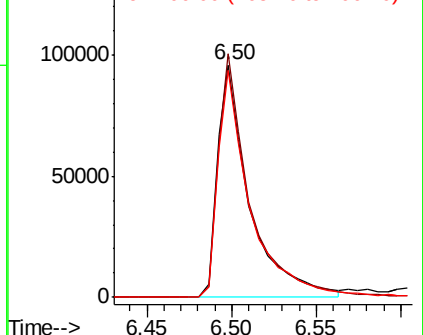
106 97.6 74.8 114.8



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: 40.569 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

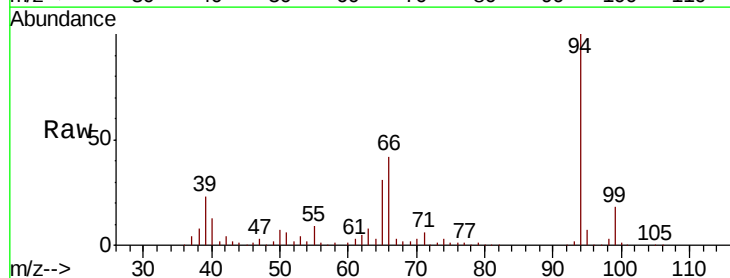
Tgt Ion: 94 Resp: 271853

Ion Ratio Lower Upper

94 100

65 30.5 25.3 65.3

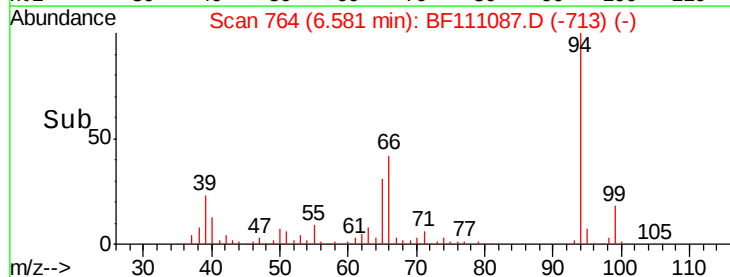
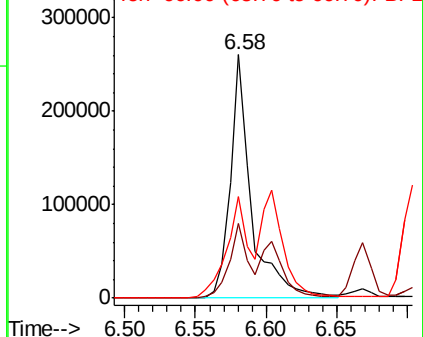
66 41.6 54.5 94.5#

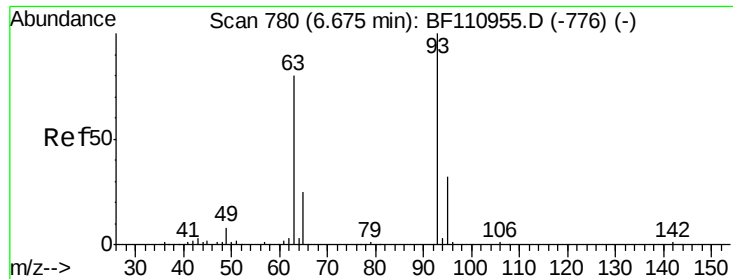


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

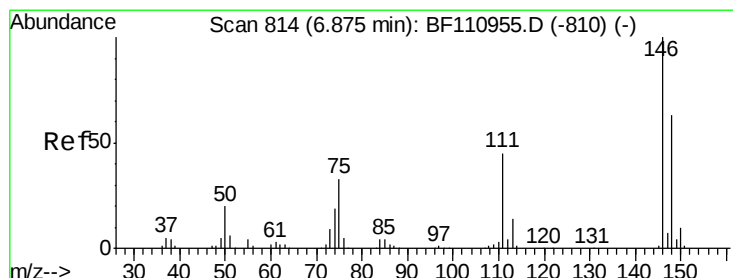
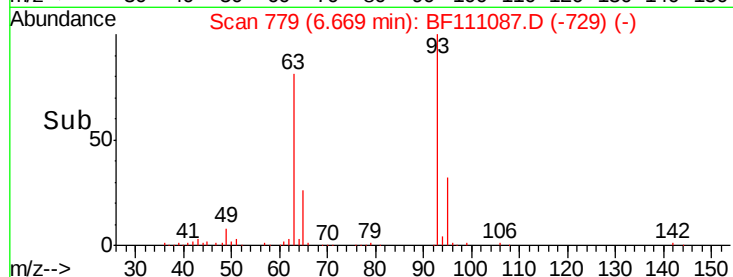
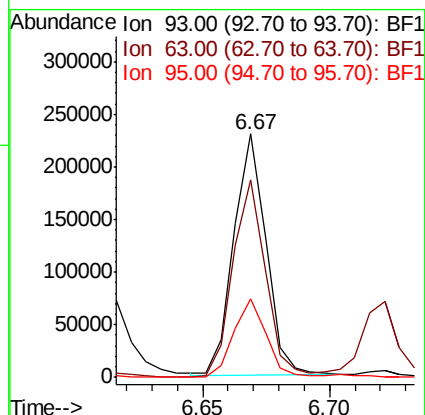
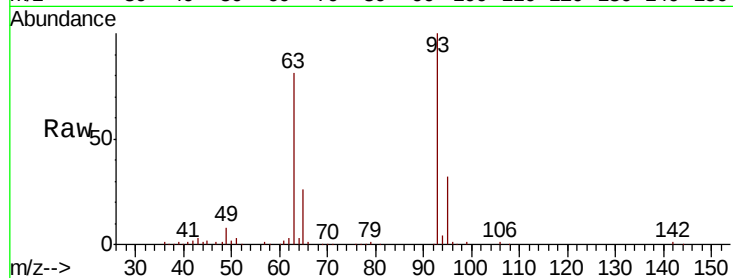




#11
 bis(2-Chloroethyl)ether
 Concen: 39.978 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

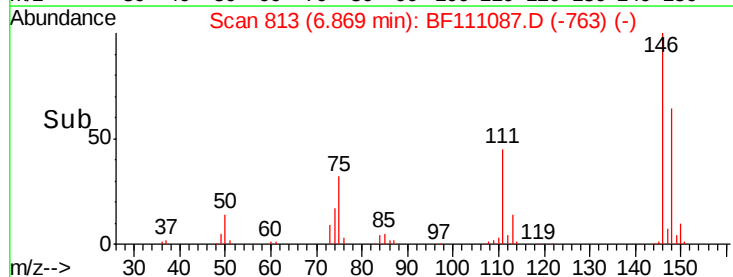
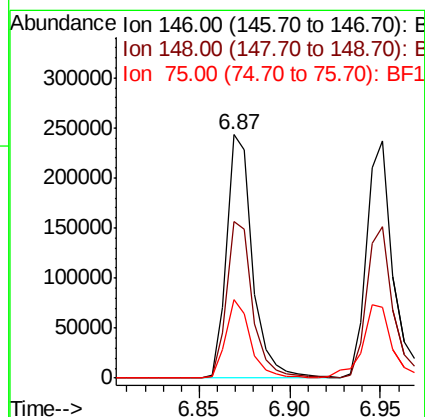
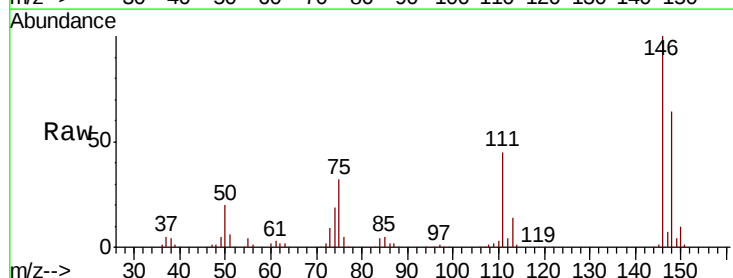
Instrument :
 BNA_F
 ClientSampleId :

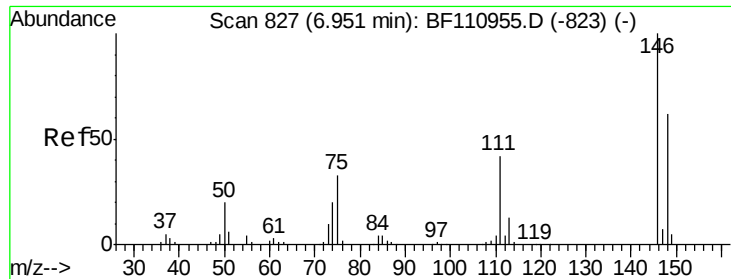
Tot Ion: 93 Resp: 201824
 Ion Ratio Lower Upper
 93 100
 63 81.3 53.4 93.4
 95 32.3 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 40.819 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

Tgt Ion: 146 Resp: 242654
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.4 75.6
 75 32.5 25.8 38.6

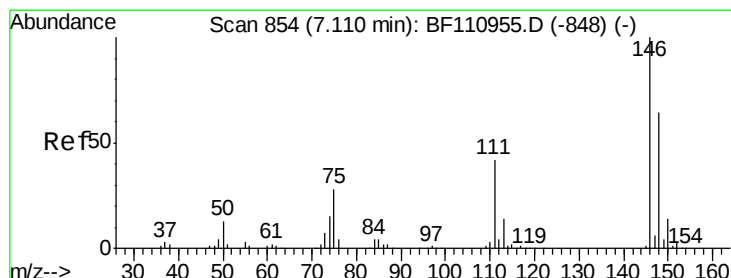
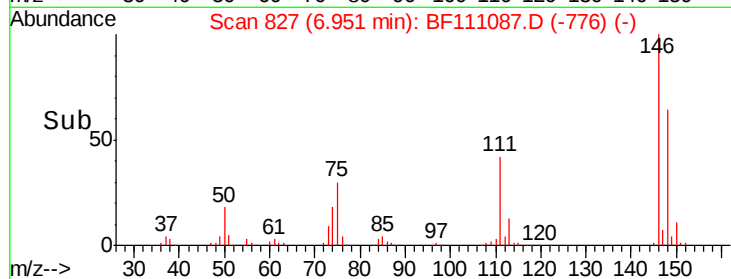
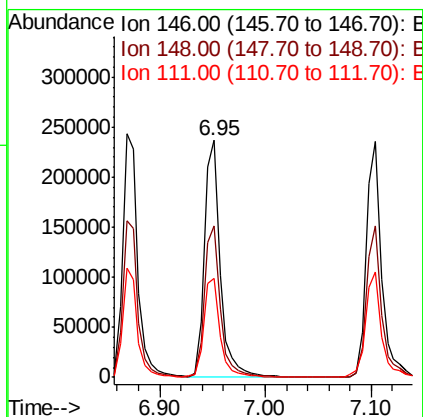
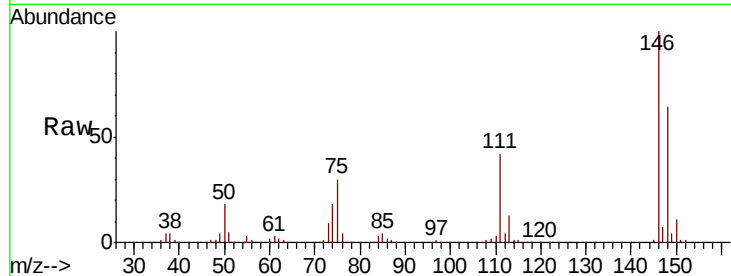




#13
 1,4-Dichlorobenzene
 Concen: 40.430 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

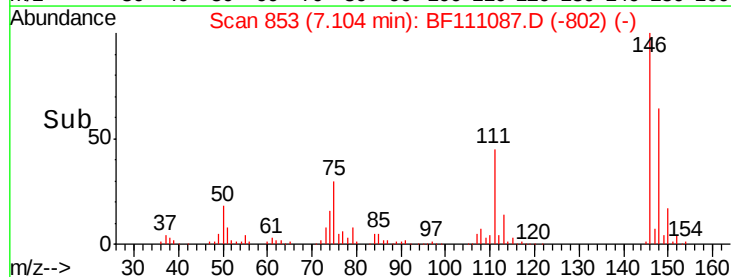
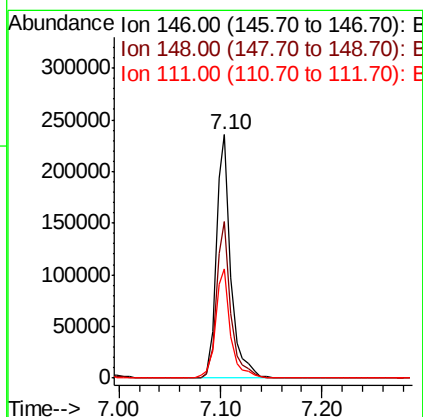
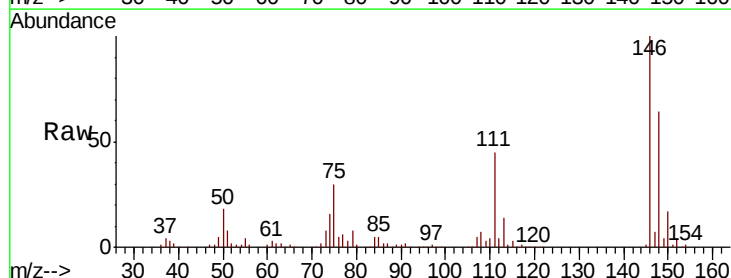
Instrument :
 BNA_F
 ClientSampled :

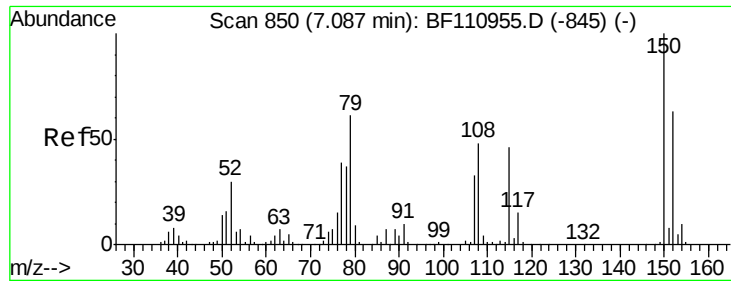
Tot Ion:146 Resp: 247158
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 111 41.5 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.379 ng
 RT: 7.10 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

Tgt Ion:146 Resp: 232327
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 44.7 35.8 53.6

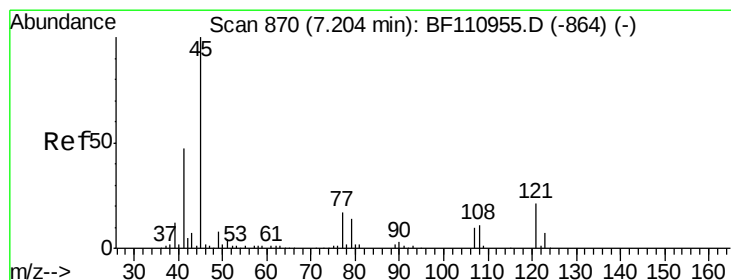
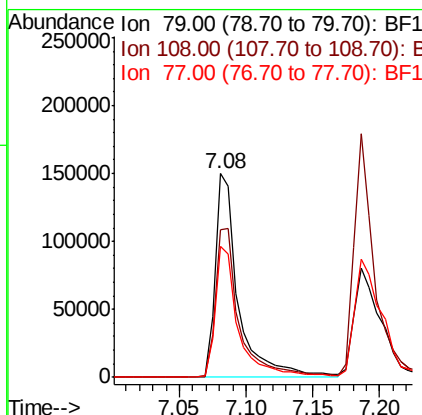
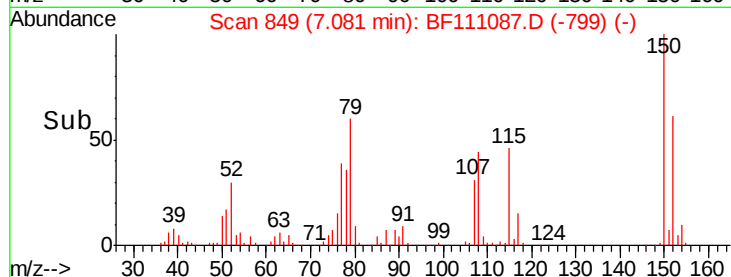
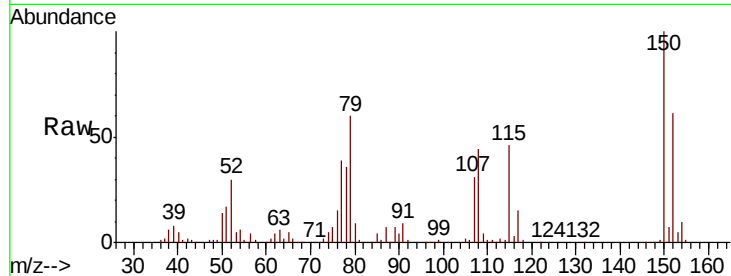




#15
Benzyl Alcohol
Concen: 40.043 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

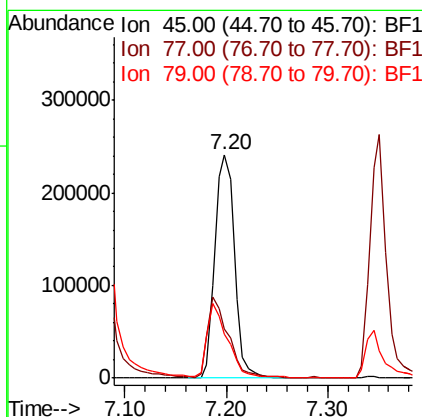
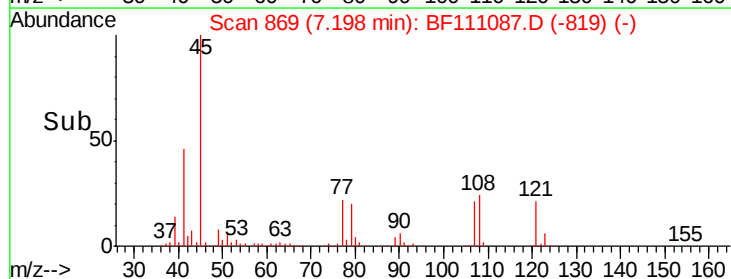
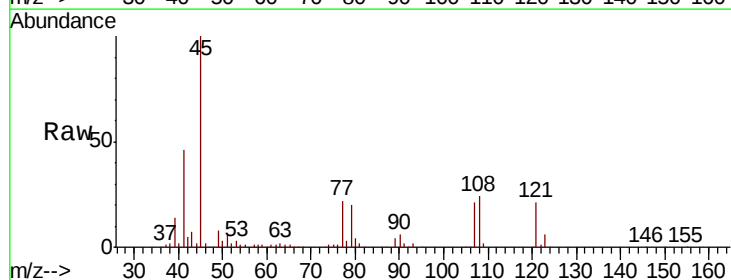
Instrument :
BNA_F
ClientSampled :

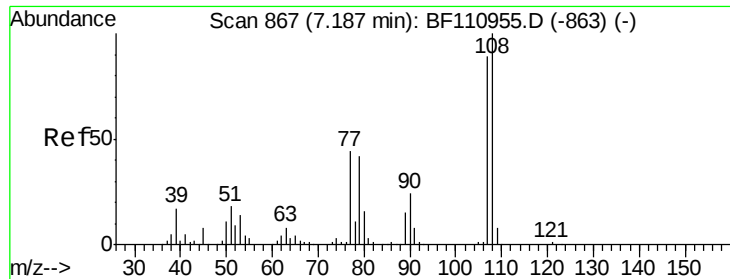
Tot Ion: 79 Resp: 183108
Ion Ratio Lower Upper
79 100
108 72.5 56.3 84.5
77 64.1 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.518 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion: 45 Resp: 325534
Ion Ratio Lower Upper
45 100
77 22.0 10.0 50.0
79 19.6 6.1 46.1





#17

2-Methylphenol

Concen: 39.509 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 169985

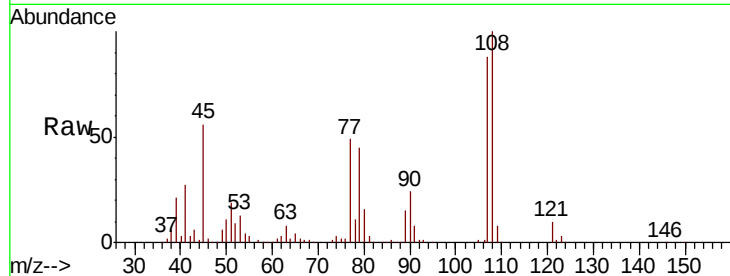
Ion Ratio Lower Upper

107 100

108 114.1 92.6 138.8

77 55.5 59.4 89.2#

79 51.1 54.0 81.0#



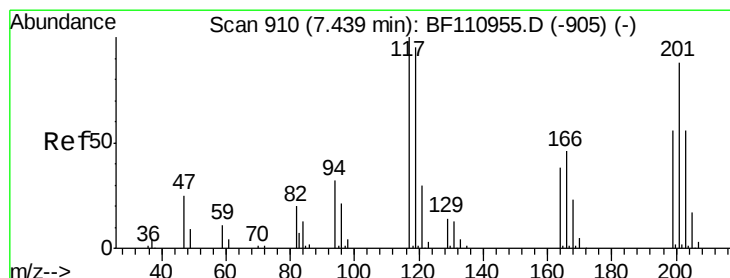
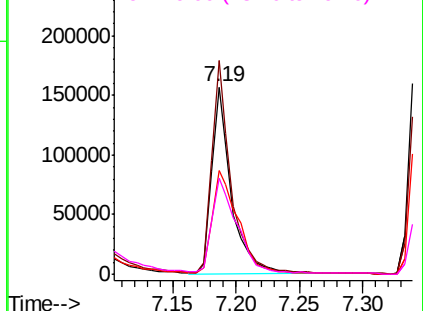
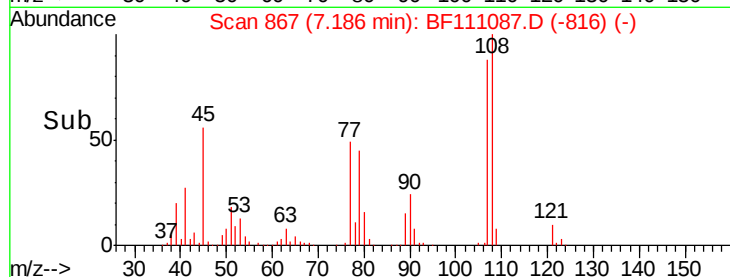
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 41.001 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

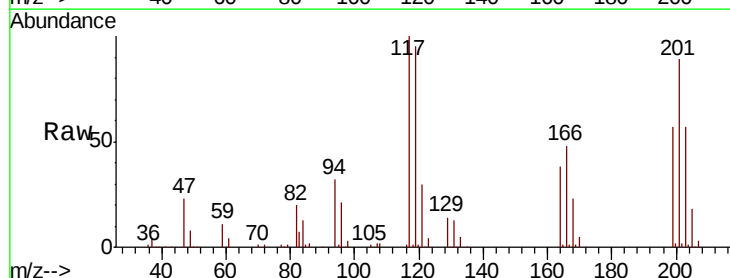
Tgt Ion:117 Resp: 92200

Ion Ratio Lower Upper

117 100

119 94.9 75.0 112.6

201 88.9 79.2 118.8

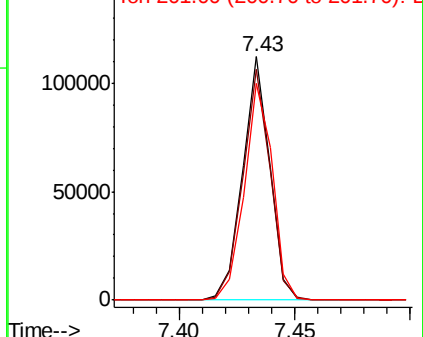
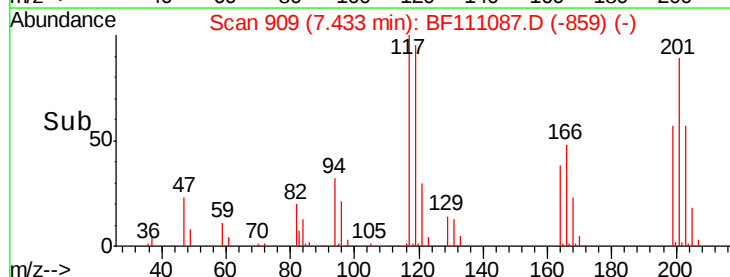


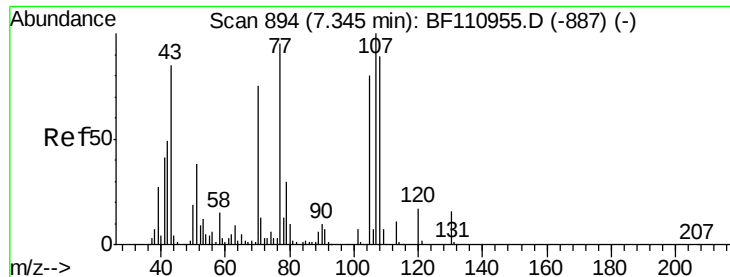
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

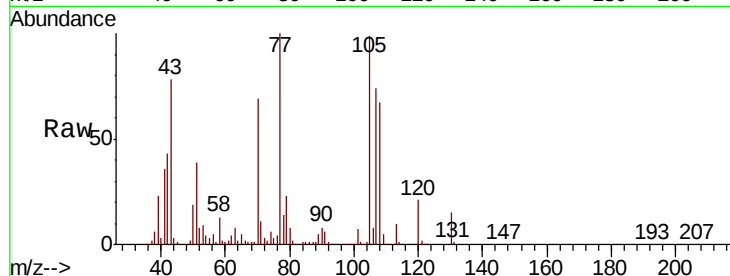




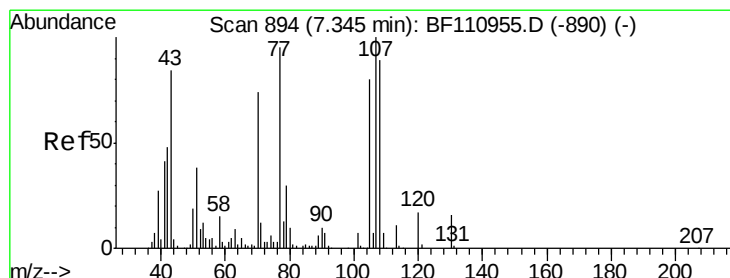
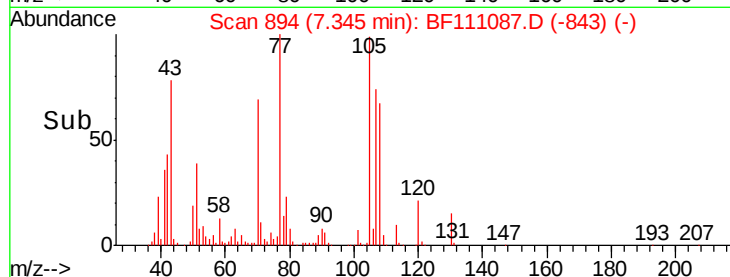
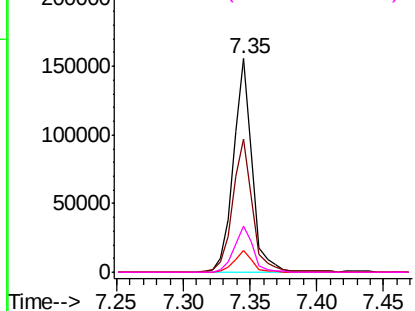
#19
n-Nitroso-di-n-propylamine
Concen: 39.889 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 154606
Ion Ratio Lower Upper
70 100
42 62.1 47.4 71.2
101 9.9 7.3 10.9
130 21.8 16.2 24.2



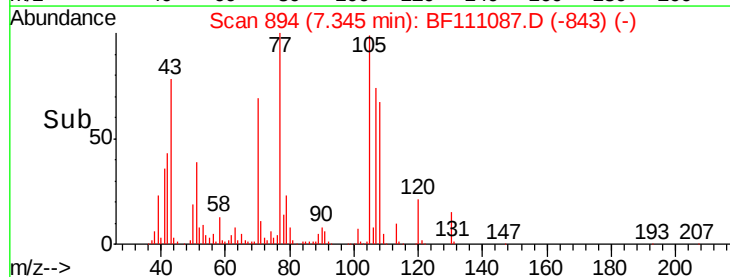
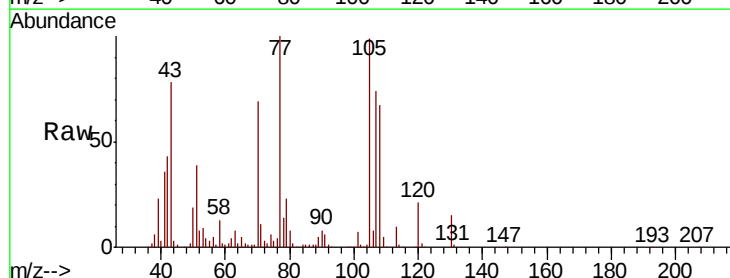
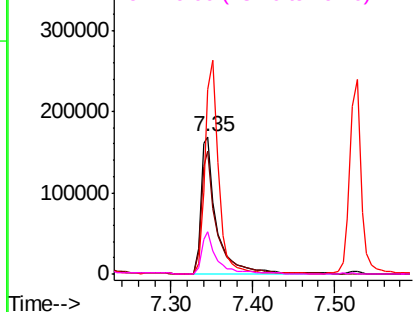
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

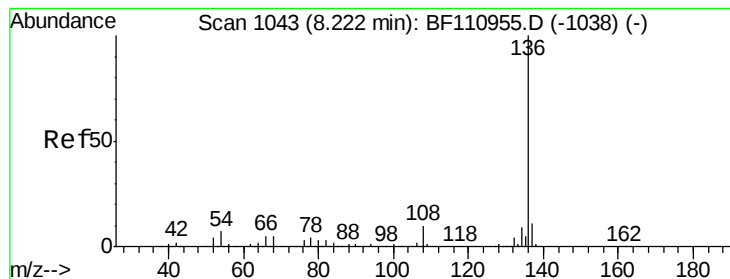


#20
3+4-Methylphenols
Concen: 38.767 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion:107 Resp: 221716
Ion Ratio Lower Upper
107 100
108 90.0 71.4 111.4
77 134.5 47.3 87.3#
79 30.4 10.9 50.9

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 323468

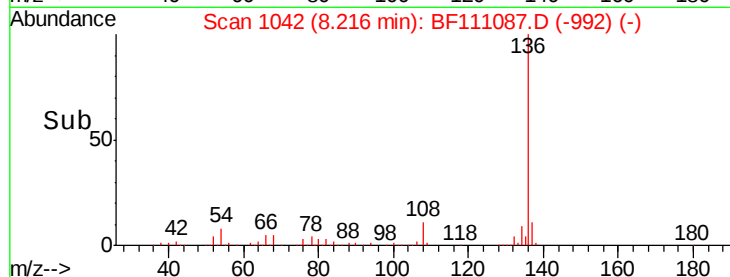
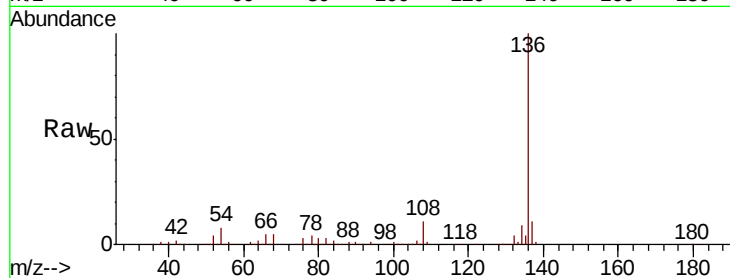
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.8 5.4 8.2

68 5.0 4.2 6.2



Abundance Ion 136.00 (135.70 to 136.70): E

600000 Ion 137.00 (136.70 to 137.70): E

500000 Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

400000

300000

200000

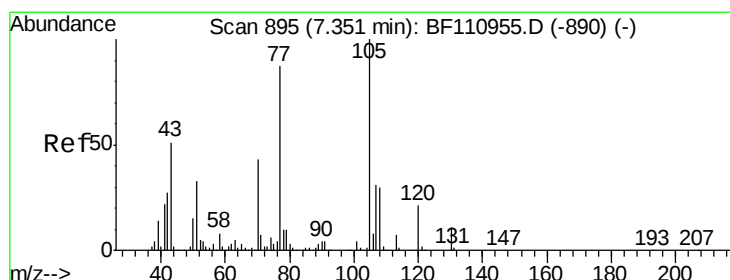
100000

0

8.20

8.30

Time-->



#22

Acetophenone

Concen: 40.826 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Tgt Ion:105 Resp: 309545

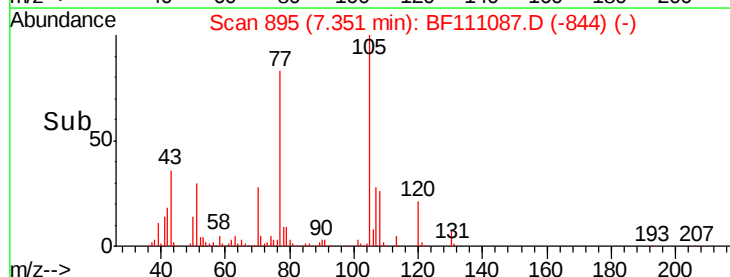
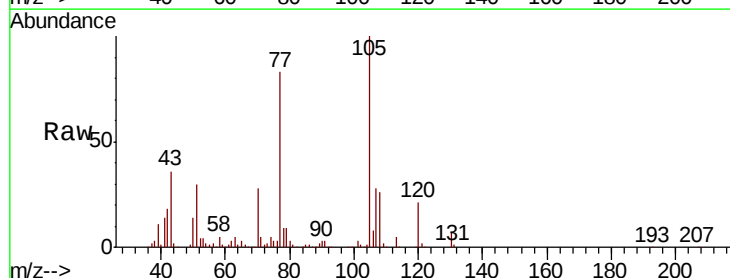
Ion Ratio Lower Upper

105 100

71 4.5 5.2 7.8#

51 30.4 21.8 32.8

120 21.4 17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E

500000 Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

400000

300000

200000

100000

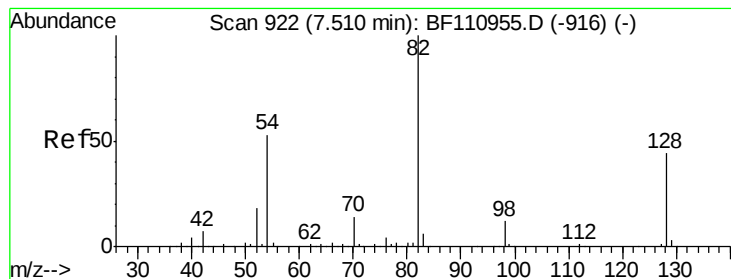
0

7.30

7.40

7.50

Time-->



#23

Nitrobenzene-d5

Concen: 80.944 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

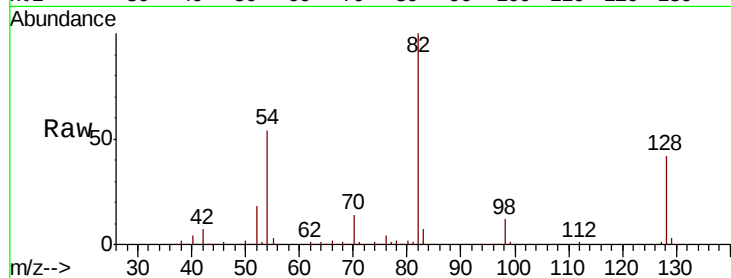
Tot Ion: 82 Resp: 457494

Ion Ratio Lower Upper

82 100

128 42.4 34.2 51.2

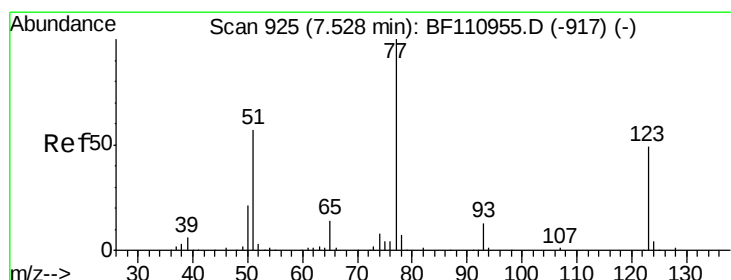
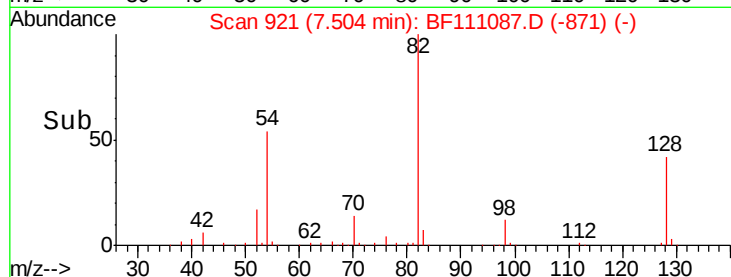
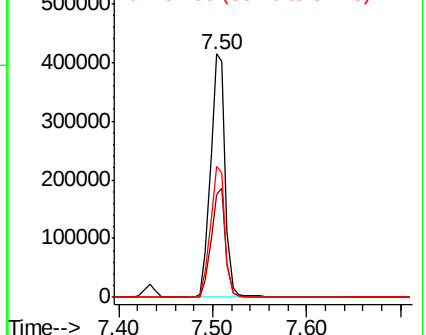
54 53.8 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.239 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

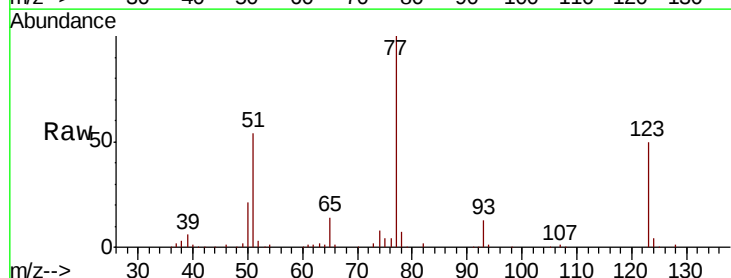
Tgt Ion: 77 Resp: 236512

Ion Ratio Lower Upper

77 100

123 50.3 35.7 53.5

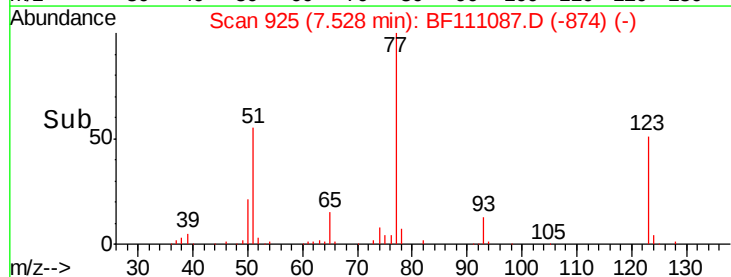
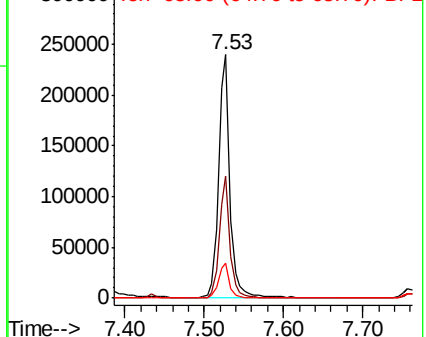
65 14.3 10.7 16.1

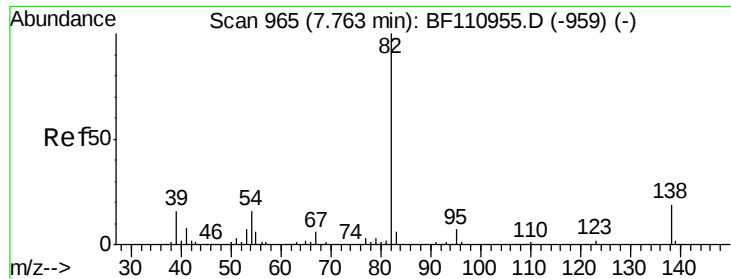


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.882 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

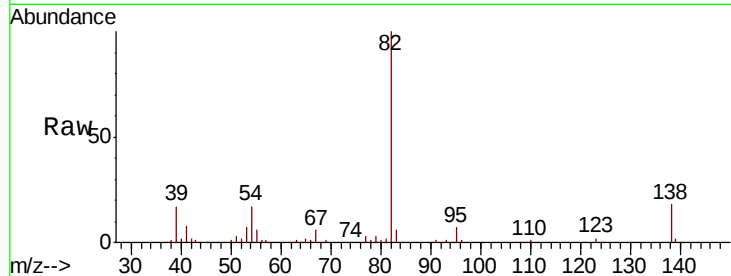
Tot Ion: 82 Resp: 369760

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

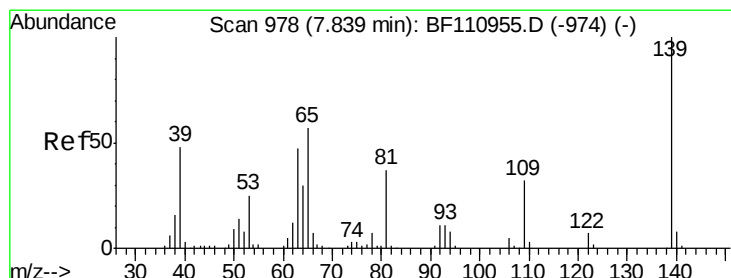
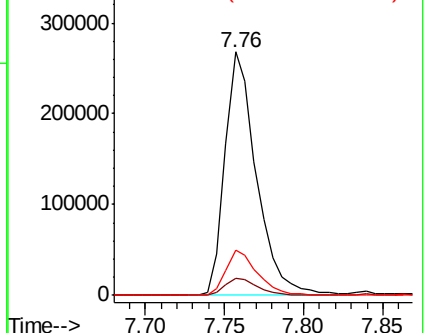
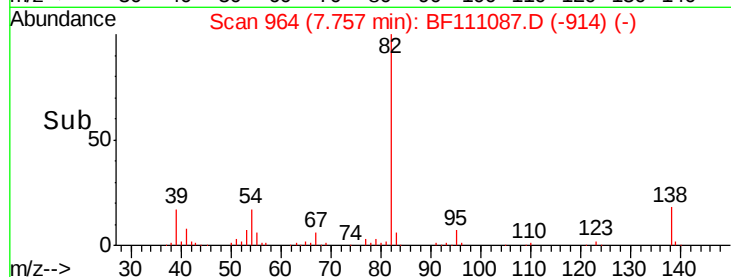
138 18.4 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.622 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

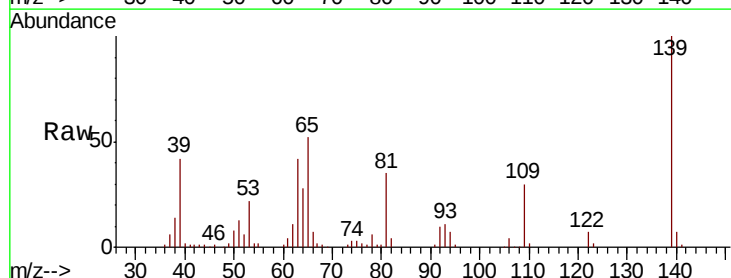
Tgt Ion: 139 Resp: 118853

Ion Ratio Lower Upper

139 100

109 29.8 25.0 37.6

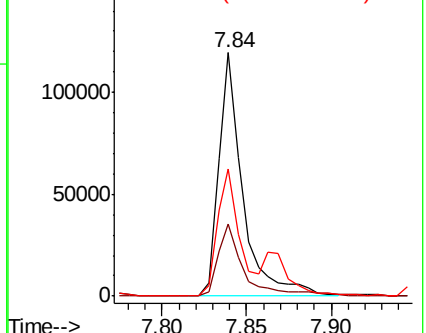
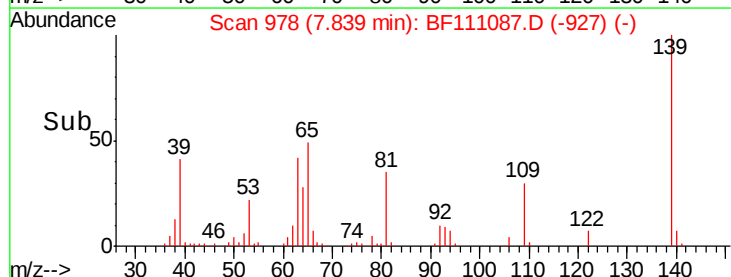
65 52.1 44.0 66.0

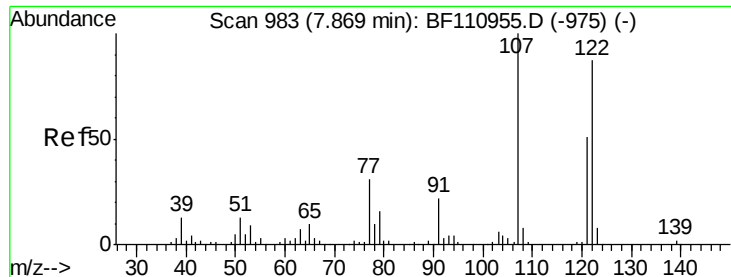


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

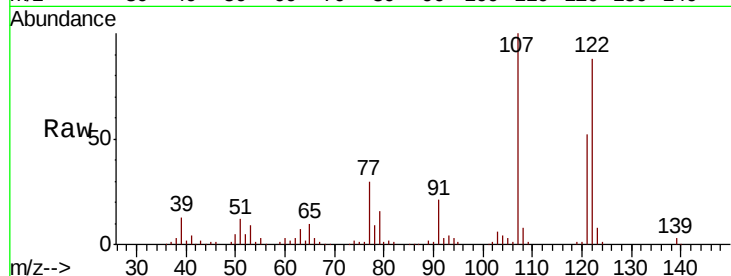




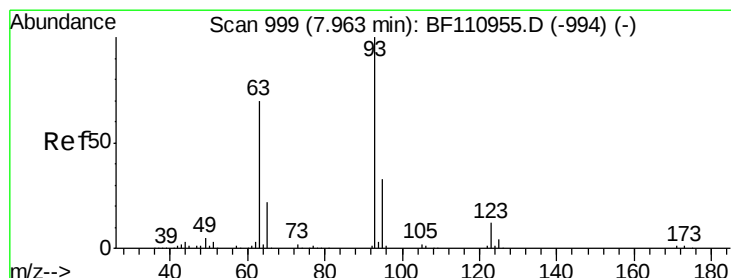
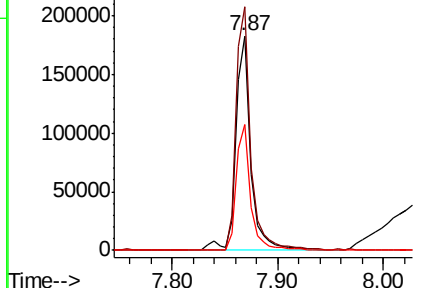
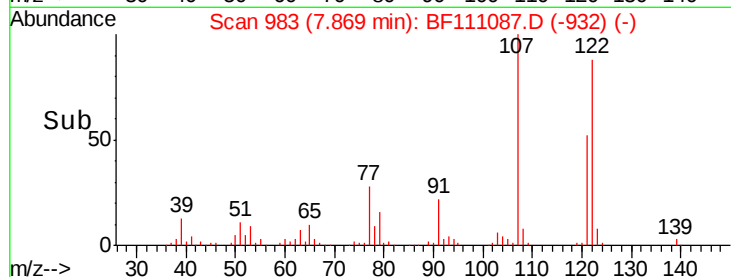
#27
2,4-Dimethylphenol
Concen: 40.907 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 176406
Ion Ratio Lower Upper
122 100
107 113.3 92.5 138.7
121 58.5 45.8 68.8

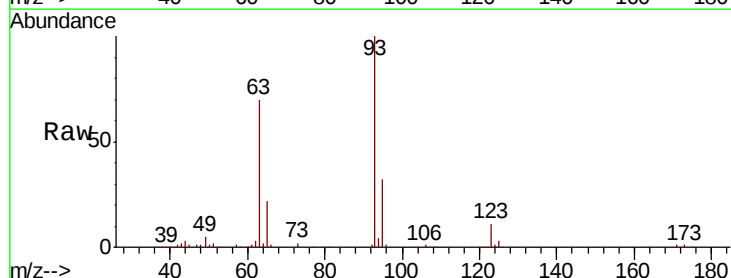


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

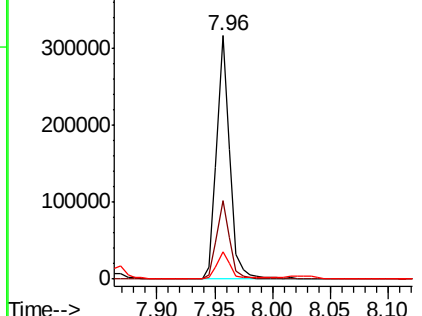
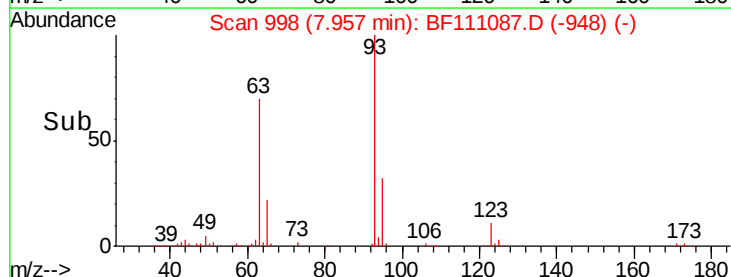


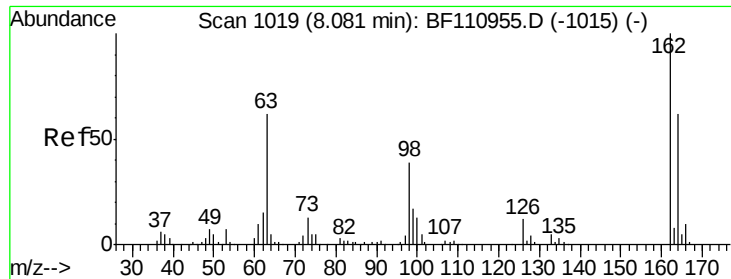
#28
bis(2-Chloroethoxy)methane
Concen: 40.728 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion: 93 Resp: 252966
Ion Ratio Lower Upper
93 100
95 32.2 26.4 39.6
123 11.0 9.0 13.6



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

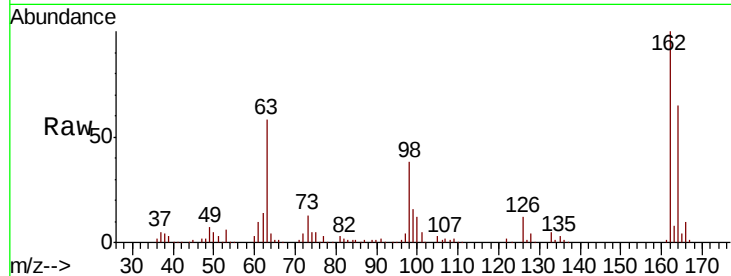




#29
2,4-Dichlorophenol
Concen: 41.226 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	37.7	17.4	57.4

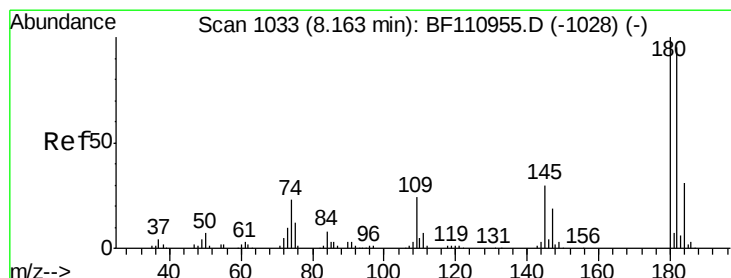
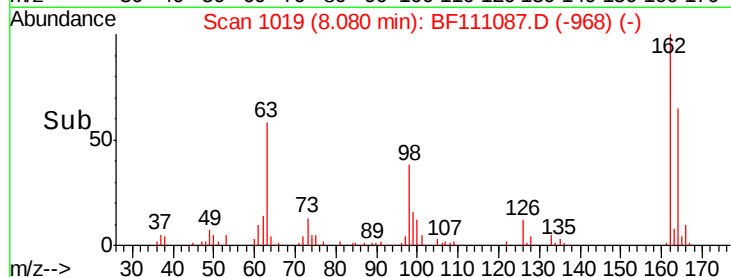
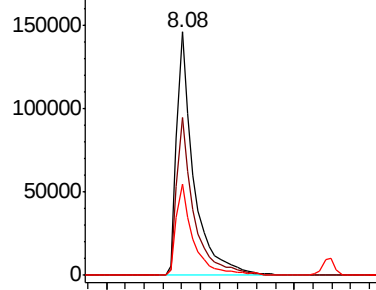


Abundance

Ion 162.00 (161.70 to 162.70): E

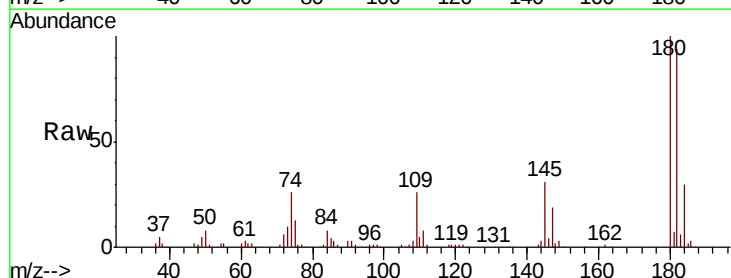
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.523 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	80.3	120.5
145	30.9	25.4	38.0

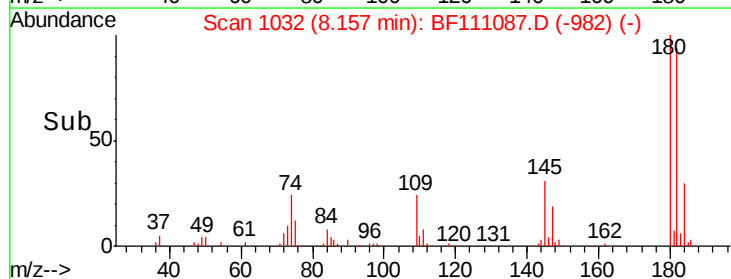
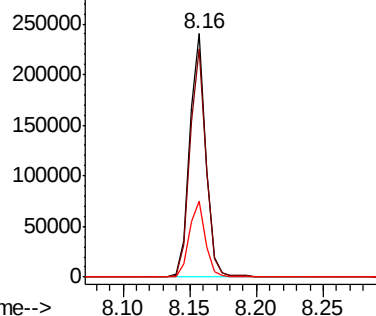


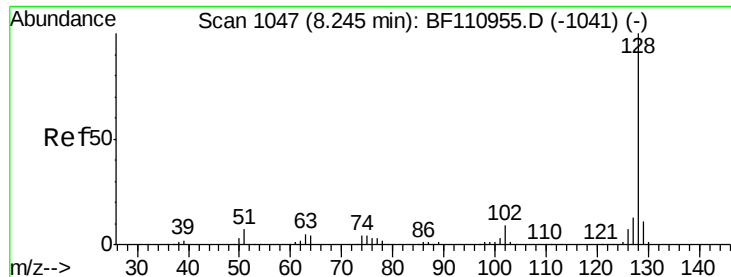
Abundance

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

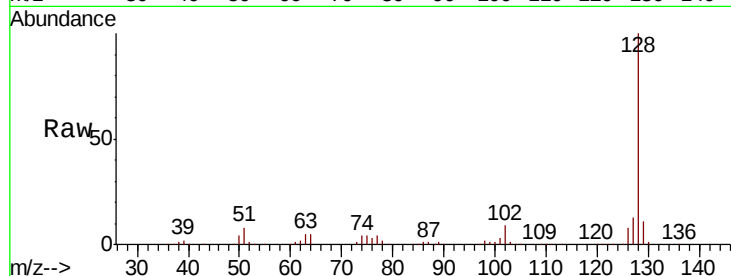




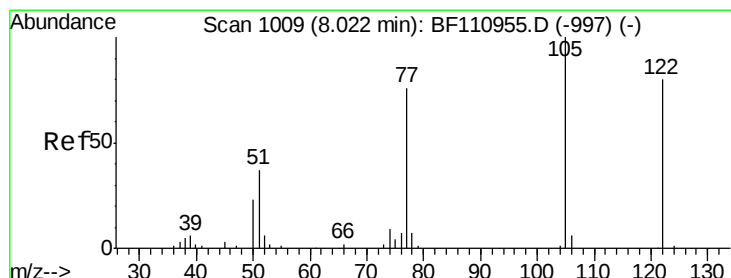
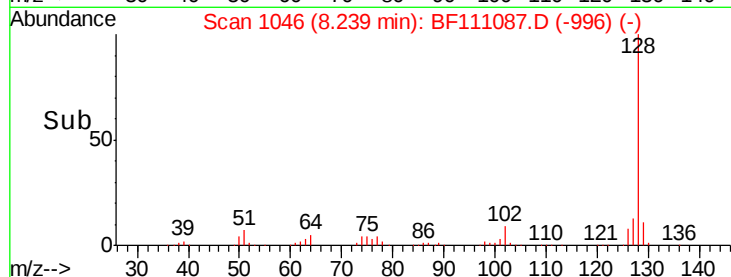
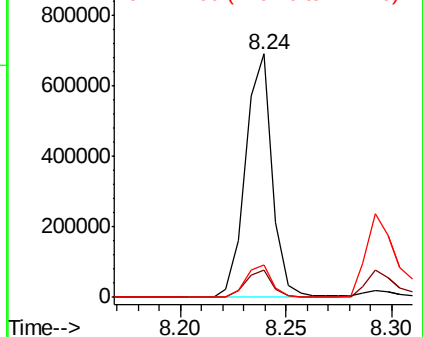
#31
Naphthalene
Concen: 40.075 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 607639
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.8 16.2

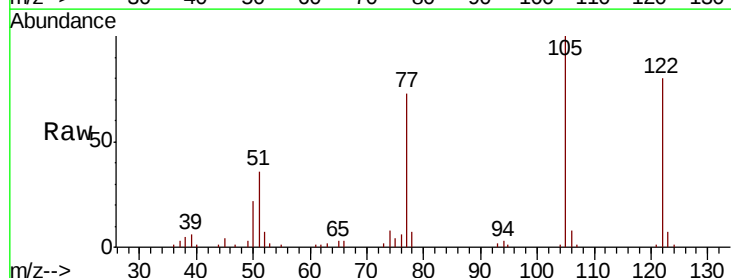


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

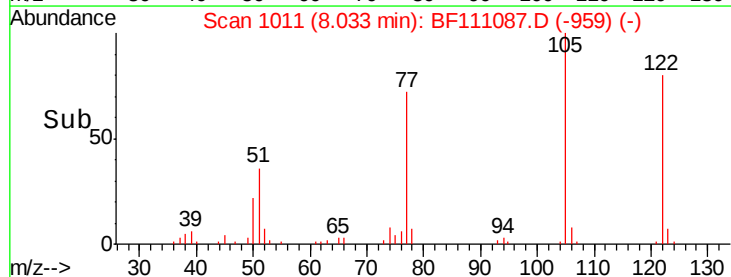
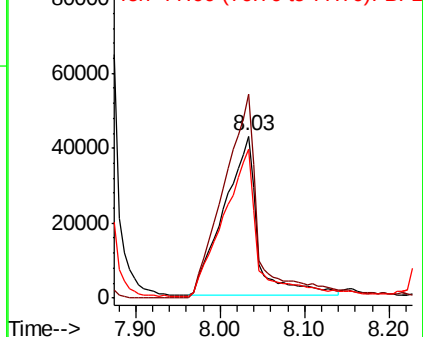


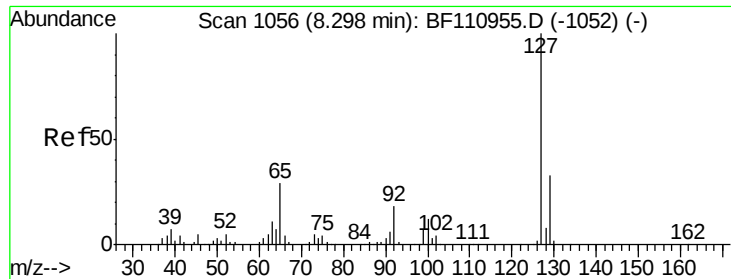
#32
Benzoic acid
Concen: 37.146 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion:122 Resp: 119096
Ion Ratio Lower Upper
122 100
105 125.7 109.0 149.0
77 91.6 79.0 119.0



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

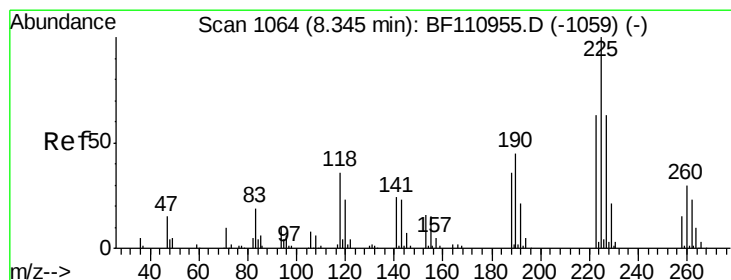
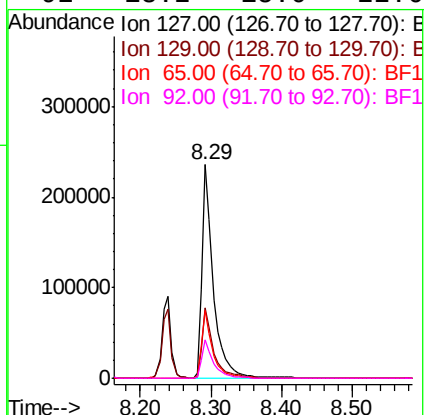
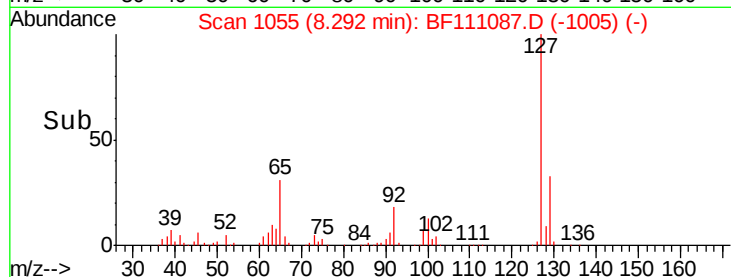
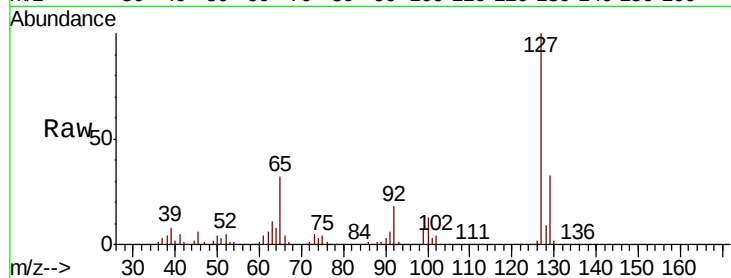




#33
4-Chloroaniline
Concen: 41.872 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

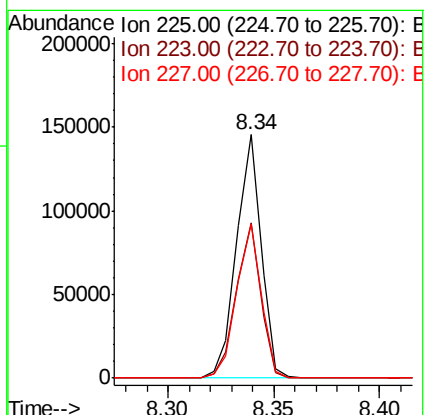
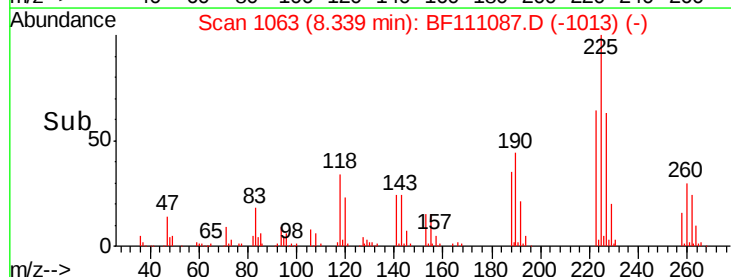
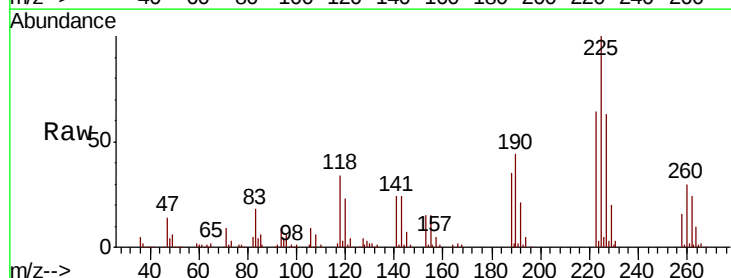
Instrument :
BNA_F
ClientSampleId :

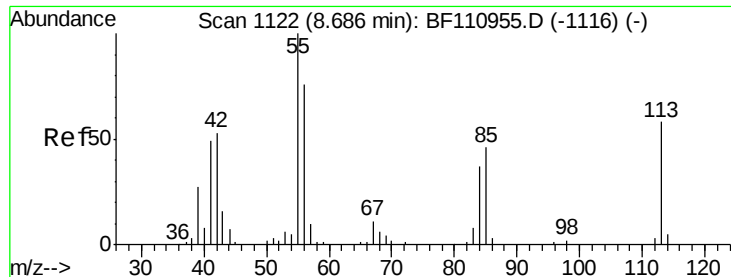
Tot Ion:	127	Resp:	270229
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.0	39.0
65	31.9	25.1	37.7
92	18.2	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.705 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion:	225	Resp:	117247
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.4	77.2
227	63.4	51.0	76.6

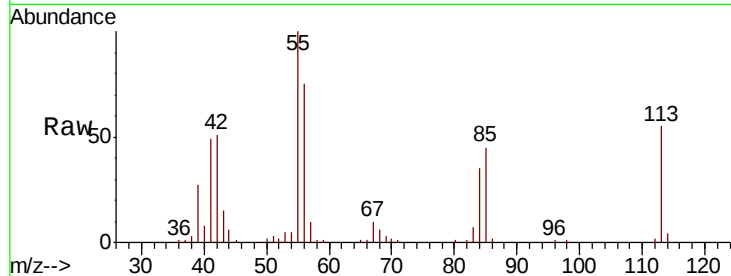




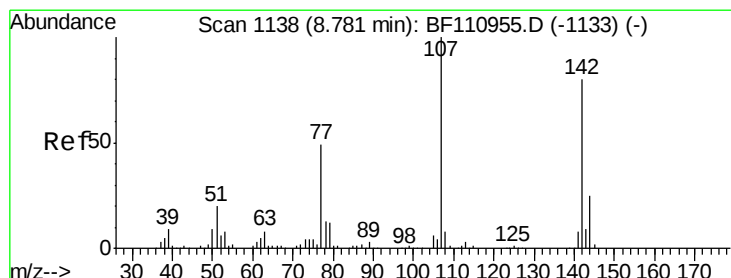
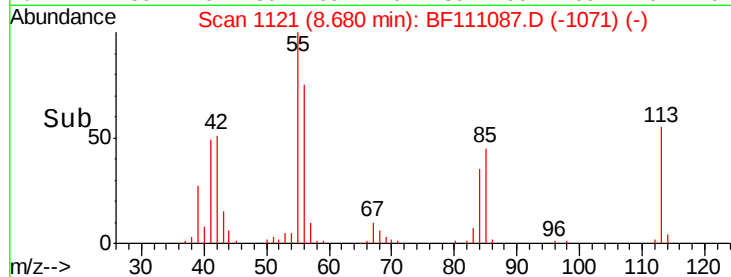
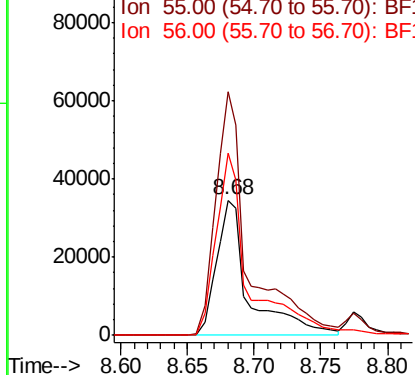
#35
 Caprolactam
 Concen: 38.321 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 59037
 Ion Ratio Lower Upper
 113 100
 55 180.3 142.8 182.8
 56 135.0 105.0 145.0

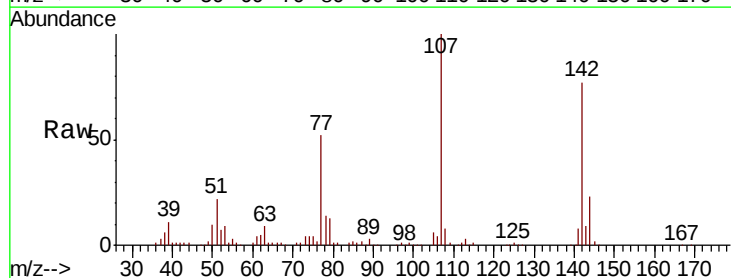


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

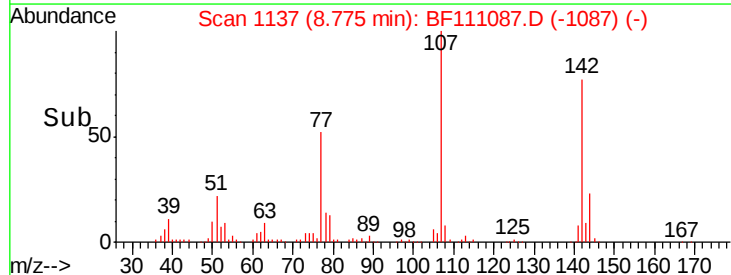
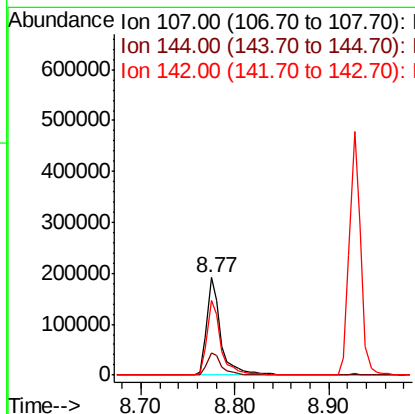


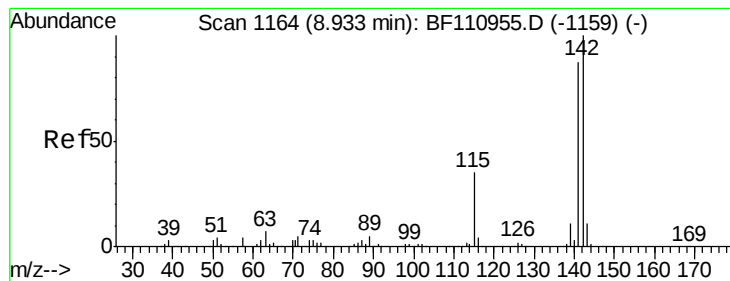
#36
 4-Chloro-3-methylphenol
 Concen: 40.093 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

Tgt Ion:107 Resp: 201025
 Ion Ratio Lower Upper
 107 100
 144 23.5 20.0 30.0
 142 76.8 59.7 89.5



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

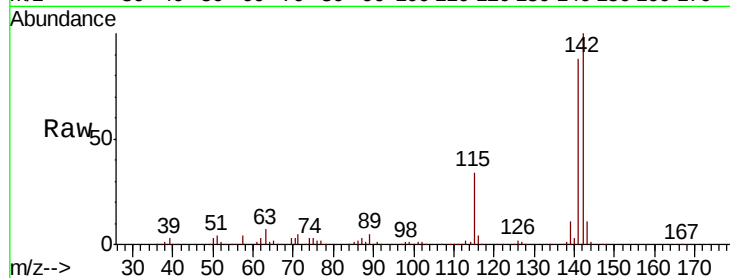




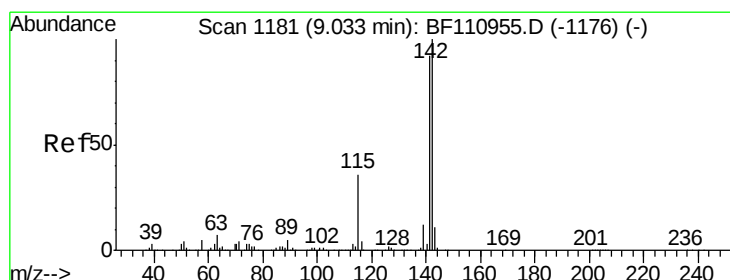
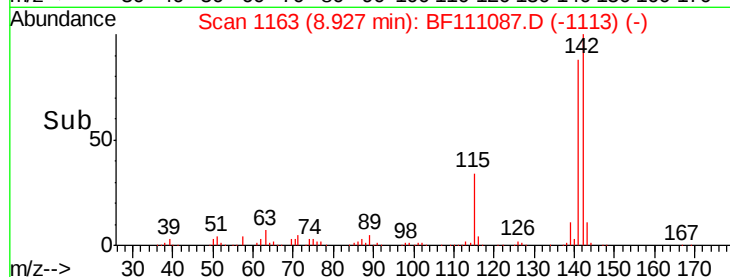
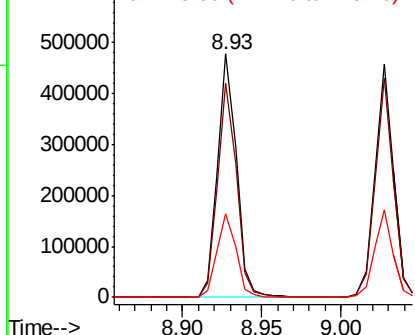
#37
2-Methylnaphthalene
Concen: 39.692 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 397517
Ion Ratio Lower Upper
142 100
141 87.9 71.4 107.2
115 34.2 28.7 43.1

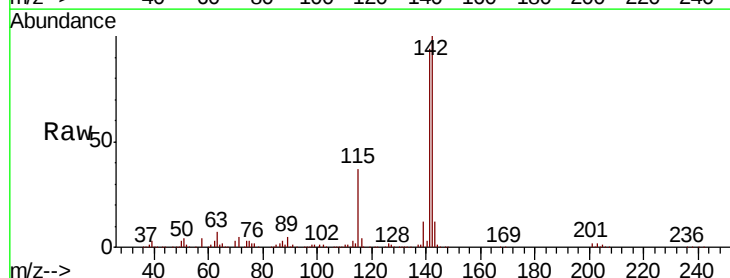


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

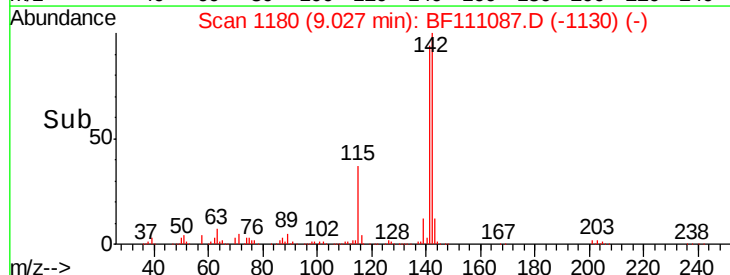
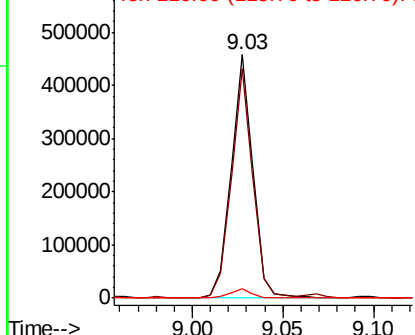


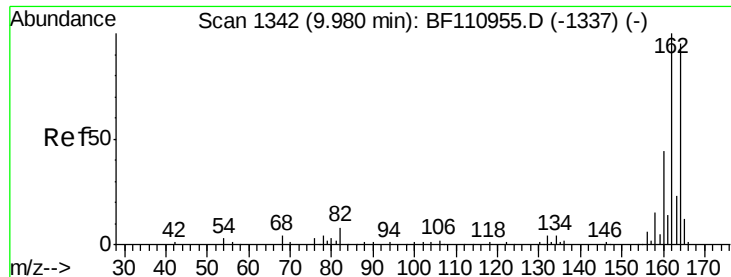
#38
1-Methylnaphthalene
Concen: 38.811 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion:142 Resp: 378080
Ion Ratio Lower Upper
142 100
141 94.2 74.2 111.4
116 3.9 2.6 4.0



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: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

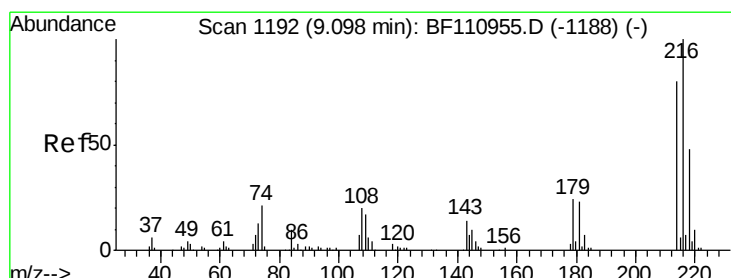
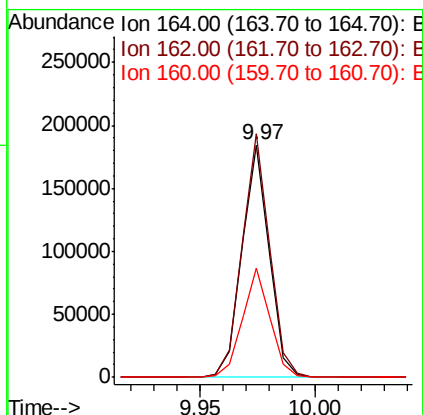
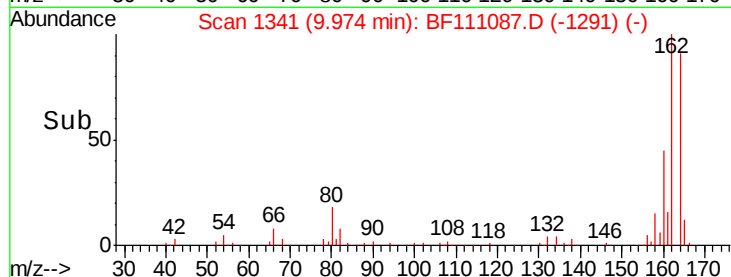
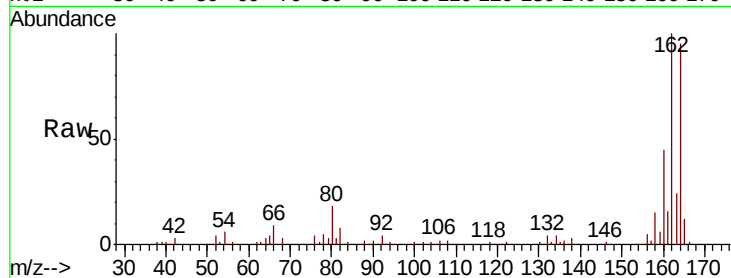
Tot Ion:164 Resp: 152648

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.6

160 46.9 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.847 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Tgt Ion:216 Resp: 196144

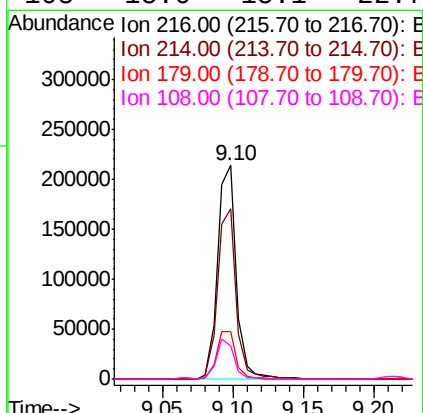
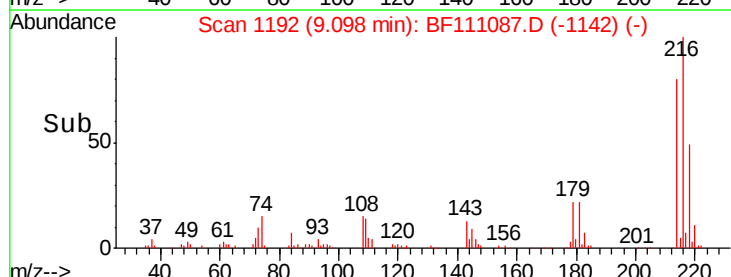
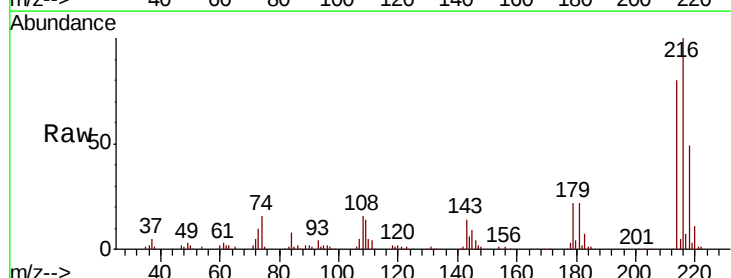
Ion Ratio Lower Upper

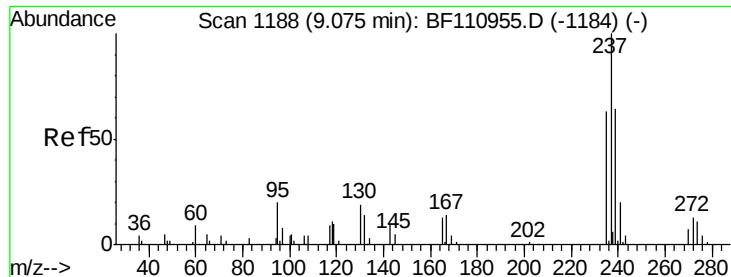
216 100

214 79.4 63.8 95.6

179 22.9 16.6 25.0

108 18.6 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 51.948 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

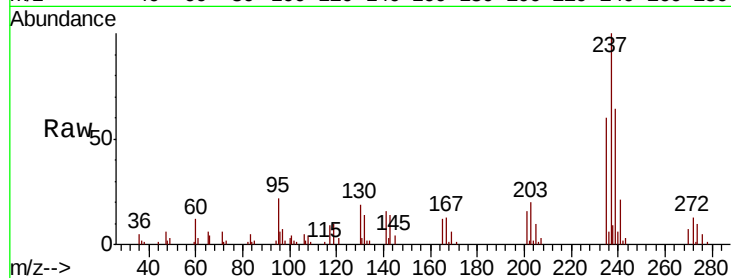
Tot Ion:237 Resp: 30825

Ion Ratio Lower Upper

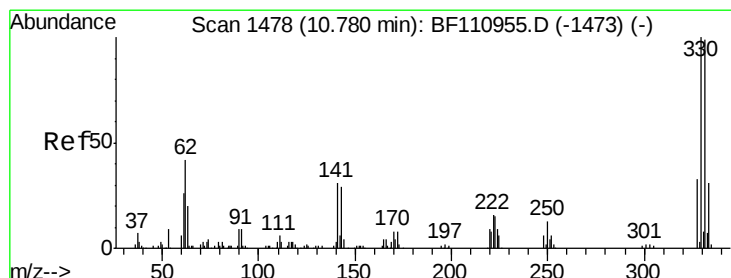
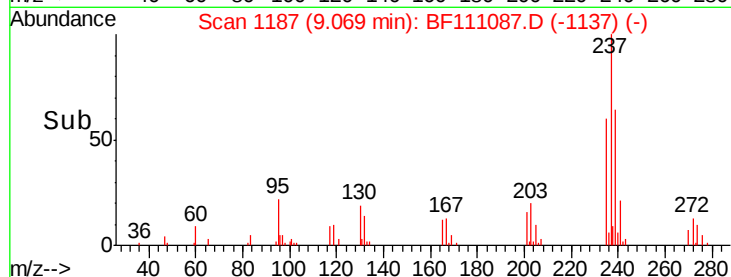
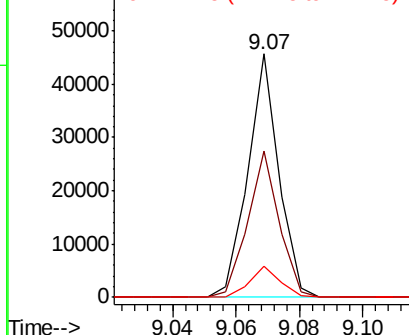
237 100

235 59.9 43.1 83.1

272 12.9 0.0 32.6



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: 80.691 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

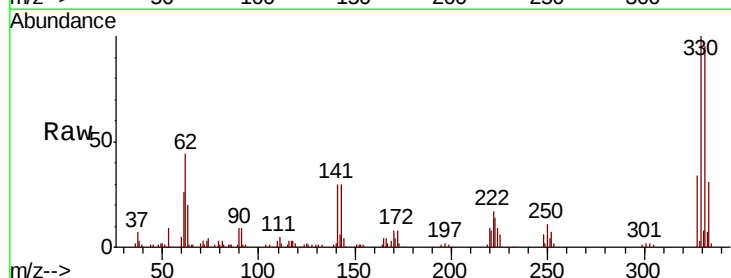
Tgt Ion:330 Resp: 122327

Ion Ratio Lower Upper

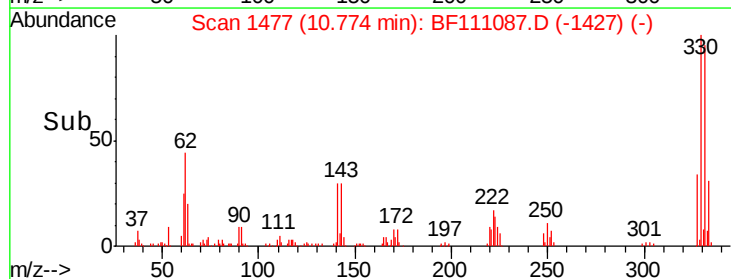
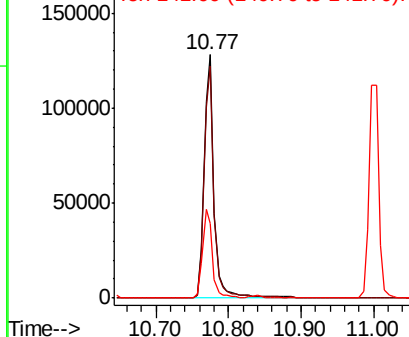
330 100

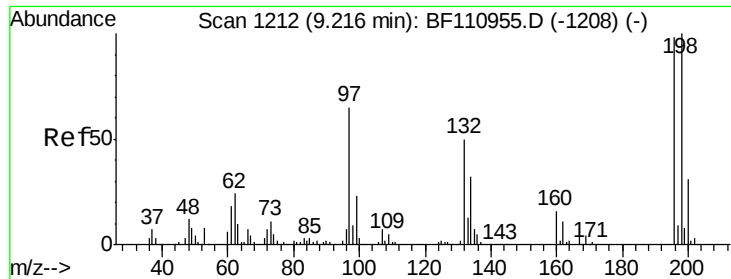
332 94.6 77.1 115.7

141 36.1 27.0 40.4



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

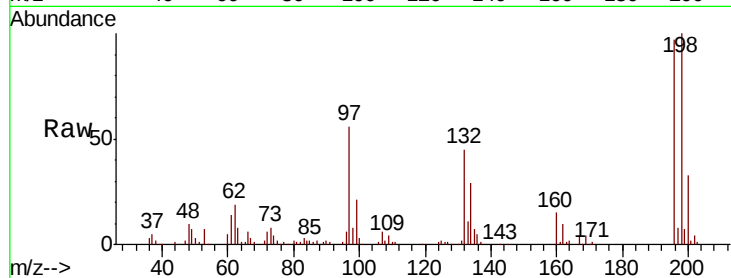




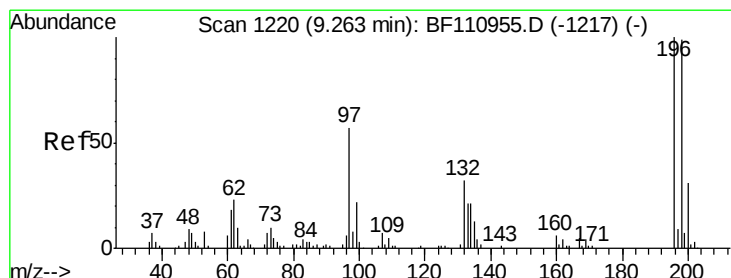
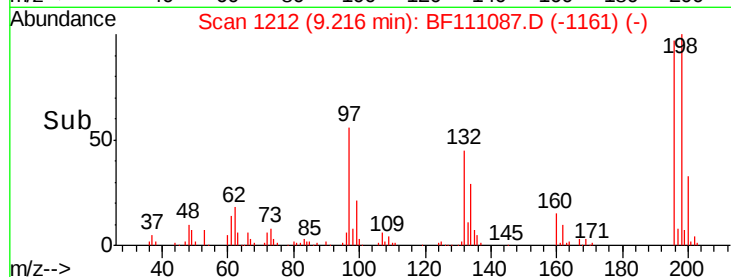
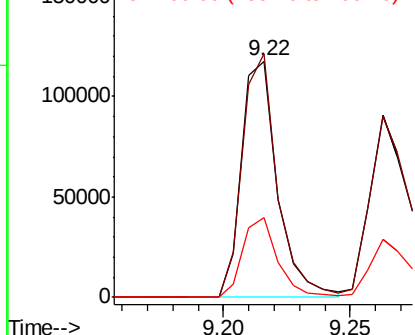
#43
 2,4,6-Trichlorophenol
 Concen: 40.738 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 116833
 Ion Ratio Lower Upper
 196 100
 198 103.1 76.2 114.4
 200 33.8 24.4 36.6

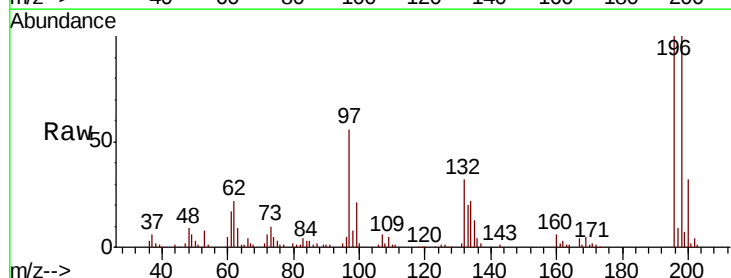


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

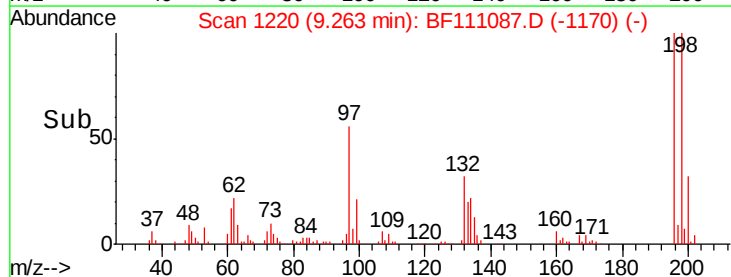
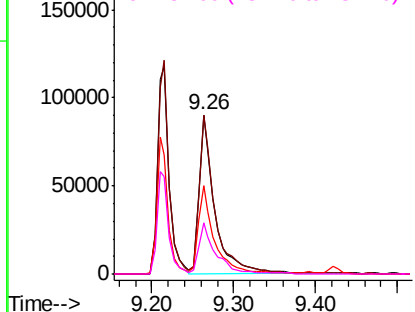


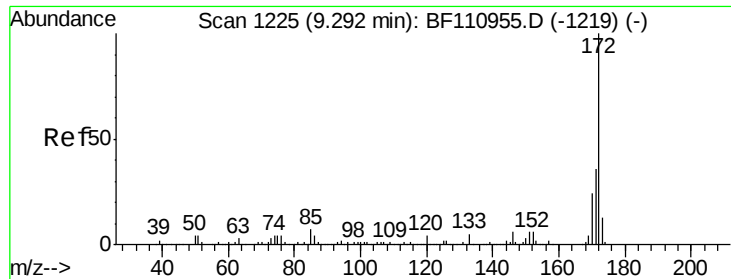
#44
 2,4,5-Trichlorophenol
 Concen: 40.264 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

Tgt Ion:196 Resp: 121588
 Ion Ratio Lower Upper
 196 100
 198 99.8 75.8 113.6
 97 55.9 42.4 63.6
 132 31.9 22.8 34.2



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

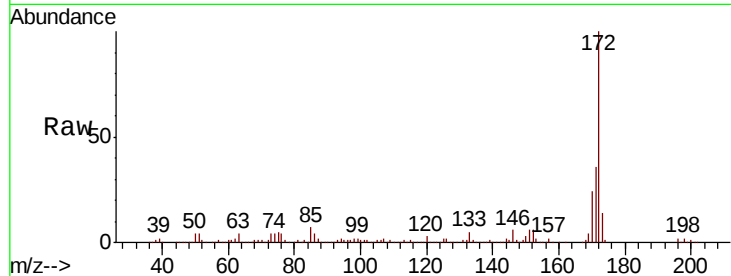




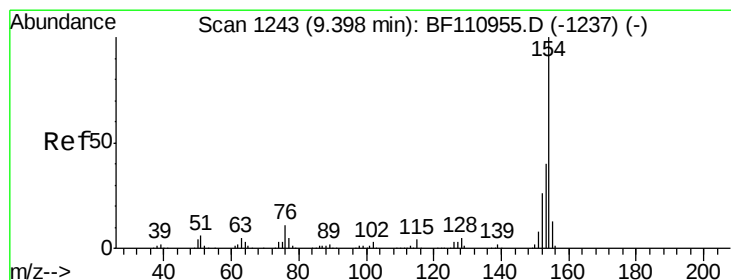
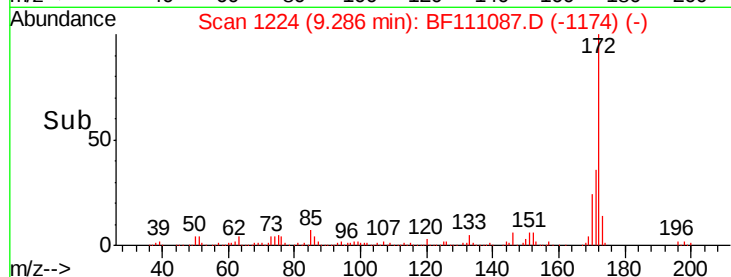
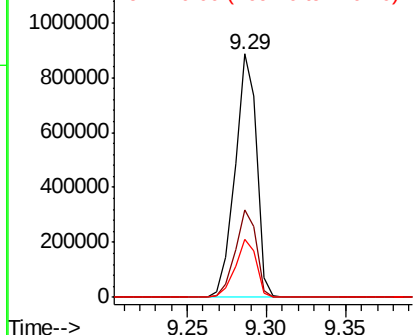
#45
2-Fluorobiphenyl
Concen: 79.118 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 833616
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.0 19.7 29.5

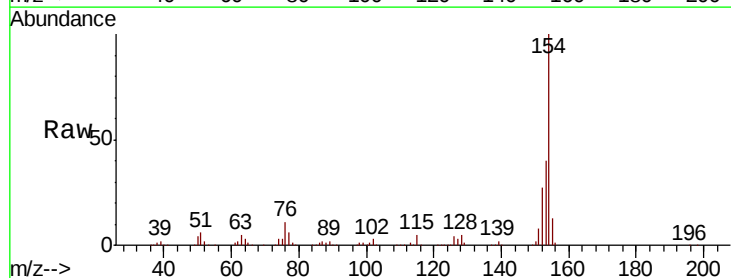


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

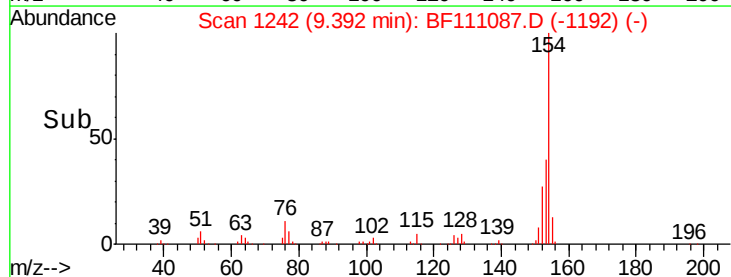
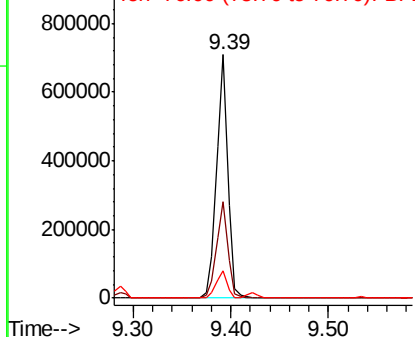


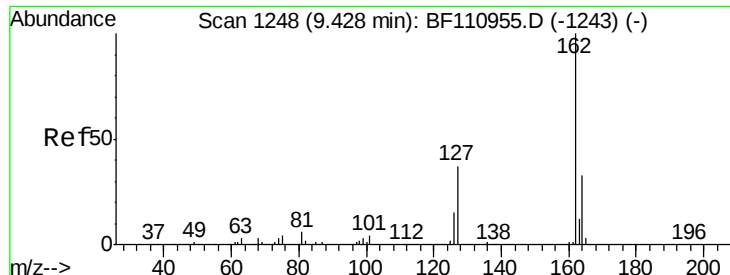
#46
1,1'-Biphenyl
Concen: 40.336 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion:154 Resp: 567658
Ion Ratio Lower Upper
154 100
153 39.7 20.4 60.4
76 11.1 0.0 31.9



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

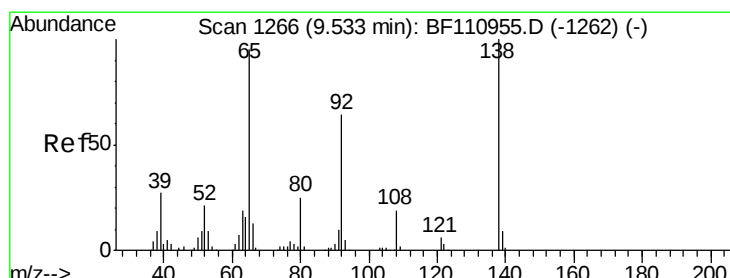
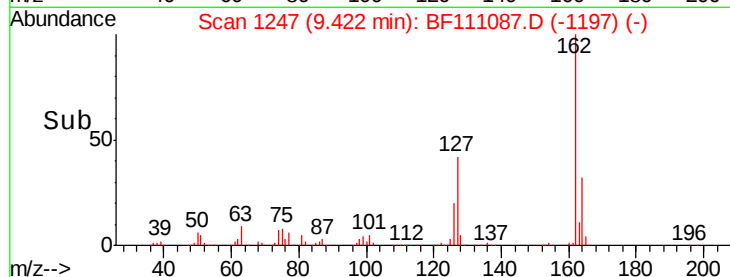
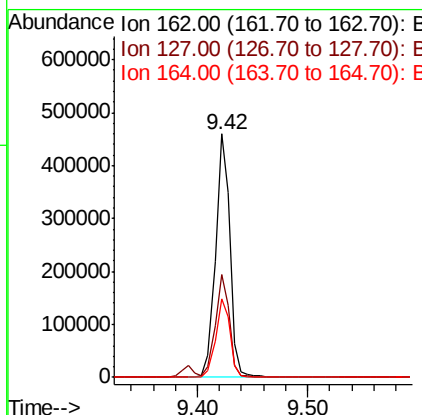
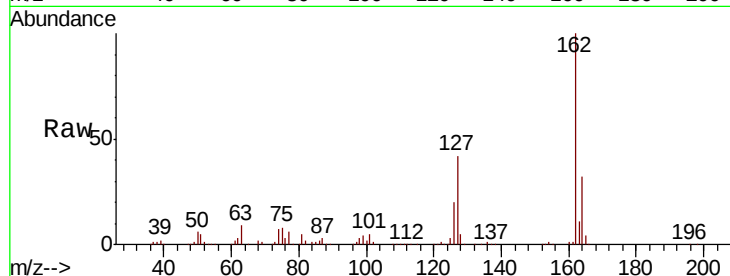




#47
 2-Chloronaphthalene
 Concen: 40.303 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

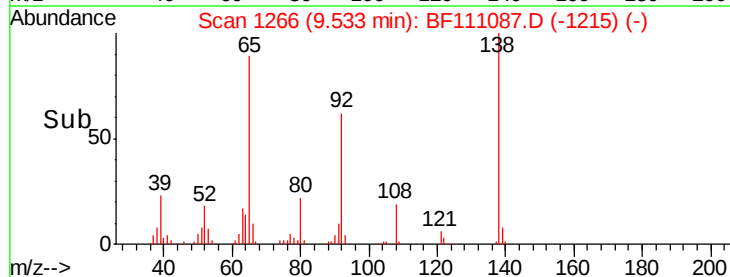
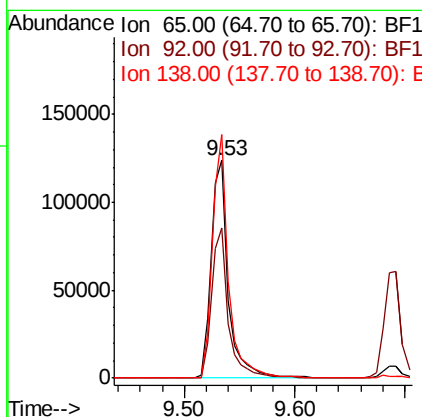
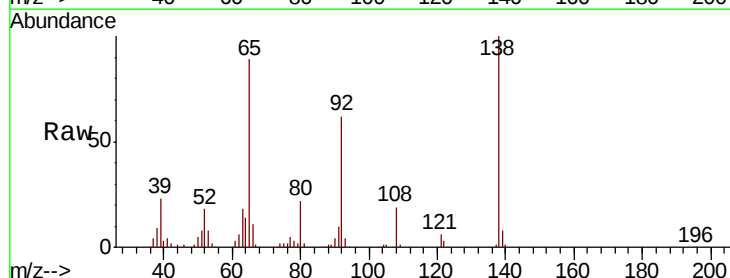
Instrument :
 BNA_F
 ClientSampleId :

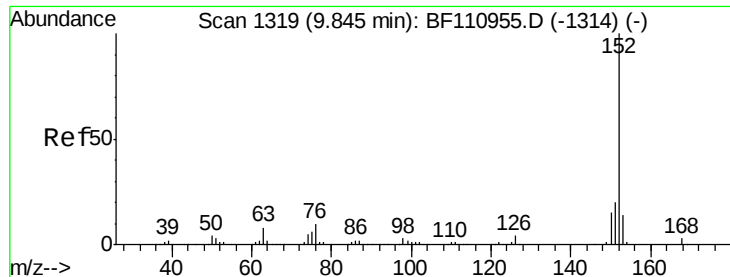
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	32.6	48.8
164	32.3	25.9	38.9



#48
 2-Nitroaniline
 Concen: 40.818 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	54.6	81.8
138	111.9	80.3	120.5





#49

Acenaphthylene

Concen: 39.225 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

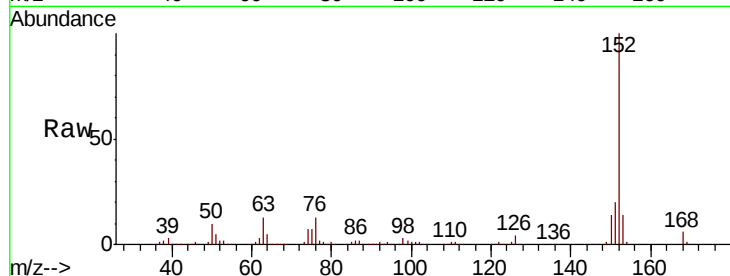
Tot Ion:152 Resp: 569139

Ion Ratio Lower Upper

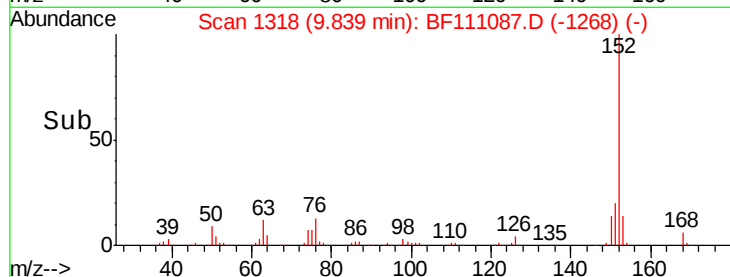
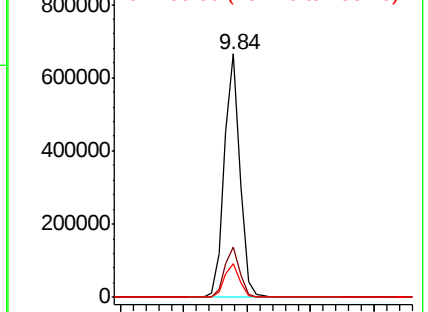
152 100

151 20.5 15.8 23.8

153 13.8 10.4 15.6



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: 38.619 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

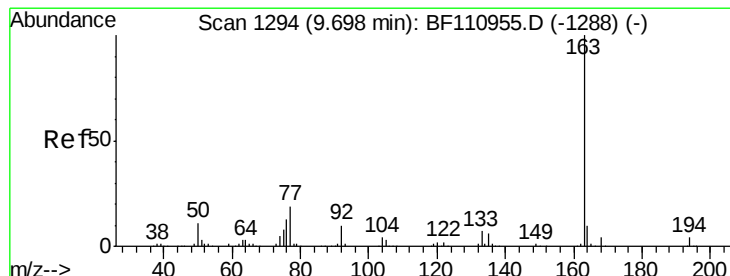
Tgt Ion:163 Resp: 432346

Ion Ratio Lower Upper

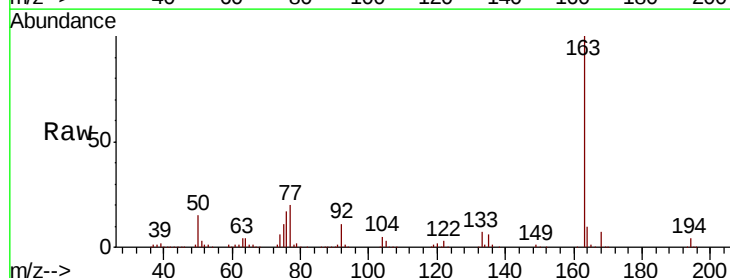
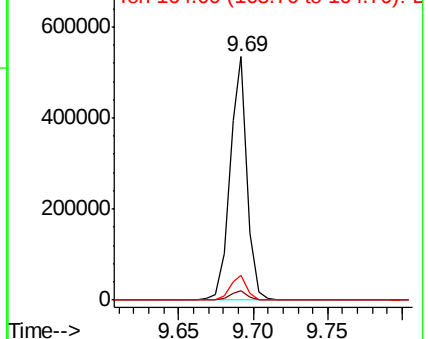
163 100

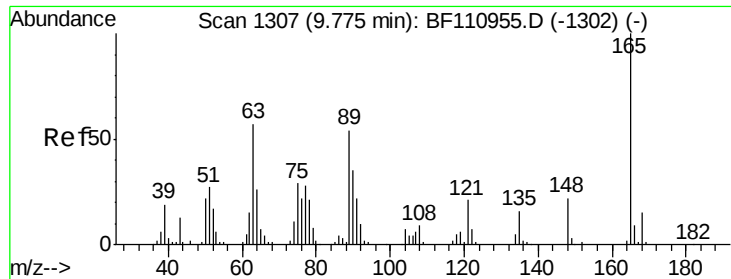
194 3.8 3.2 4.8

164 9.9 8.1 12.1



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

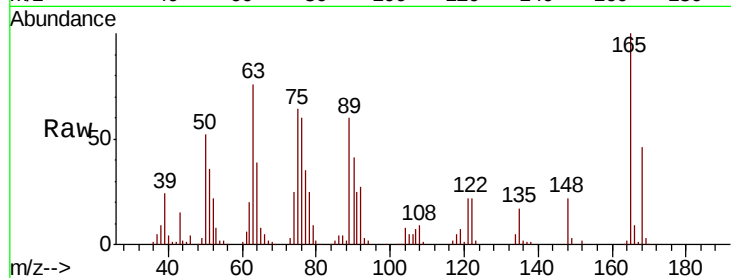




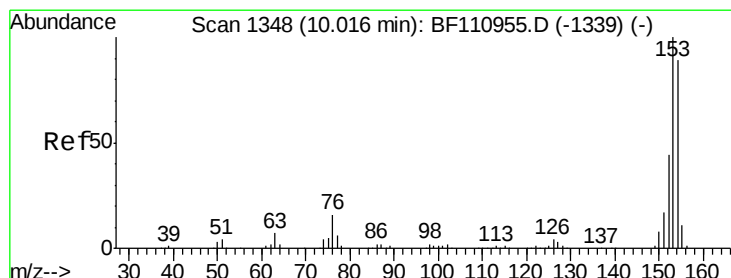
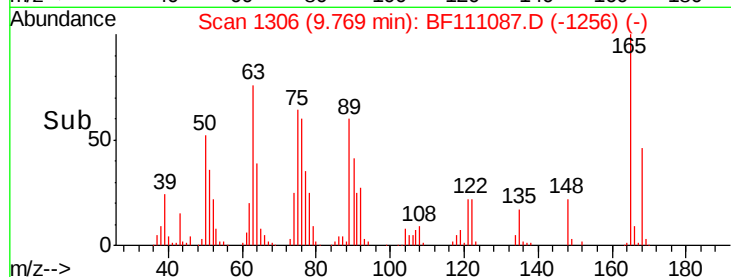
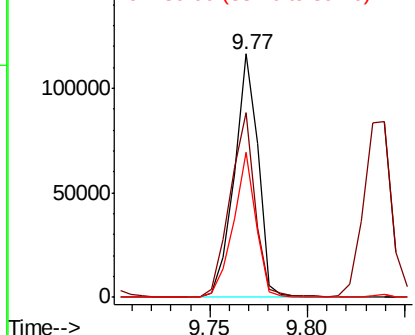
#51
2,6-Dinitrotoluene
Concen: 39.415 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 98233
Ion Ratio Lower Upper
165 100
63 76.0 48.9 73.3#
89 59.6 46.6 69.8

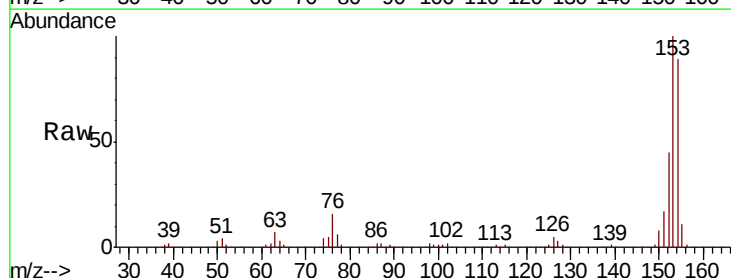


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

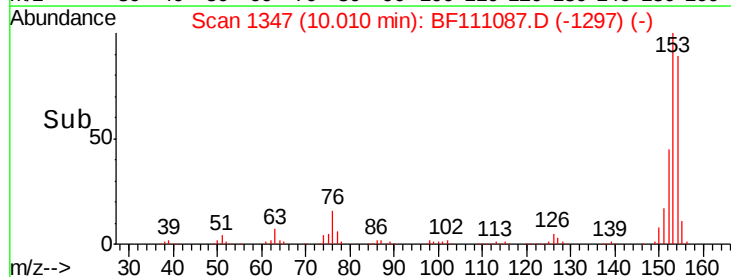
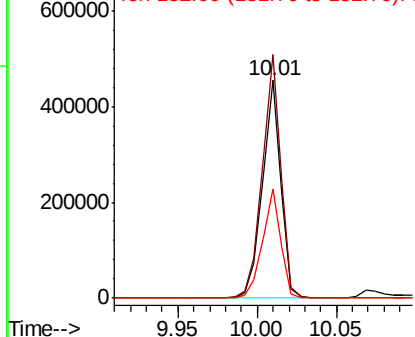


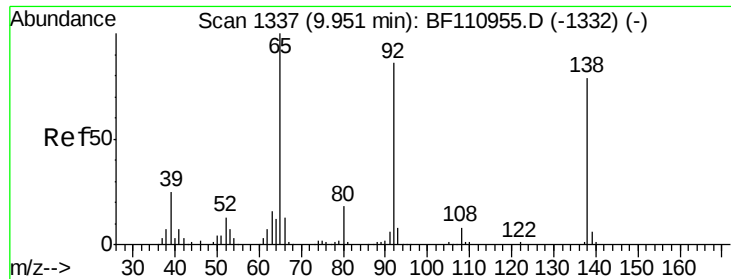
#52
Acenaphthene
Concen: 39.868 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion:154 Resp: 370845
Ion Ratio Lower Upper
154 100
153 111.9 90.1 135.1
152 50.3 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

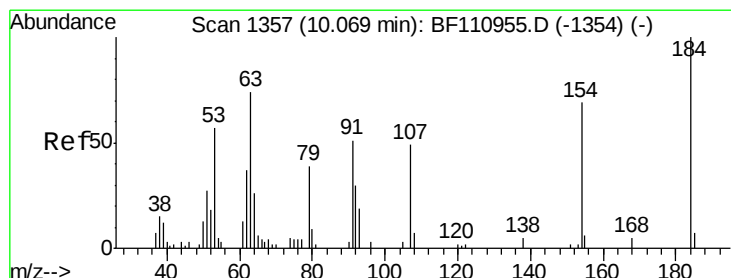
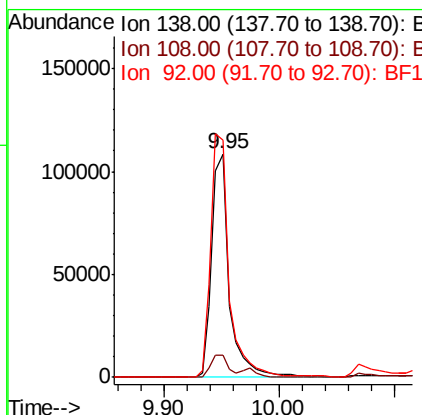
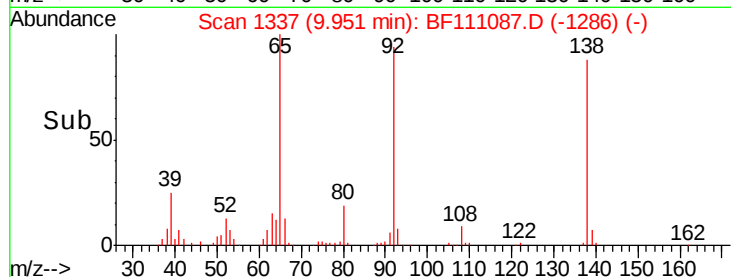
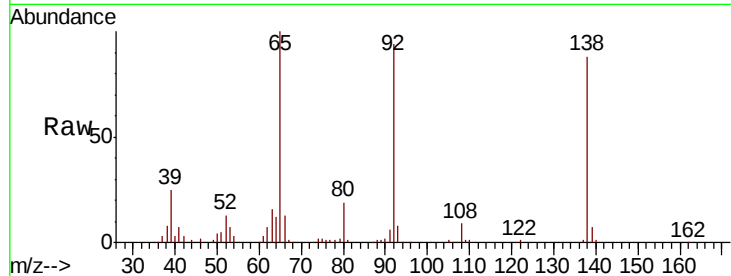




#53
 3-Nitroaniline
 Concen: 39.998 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

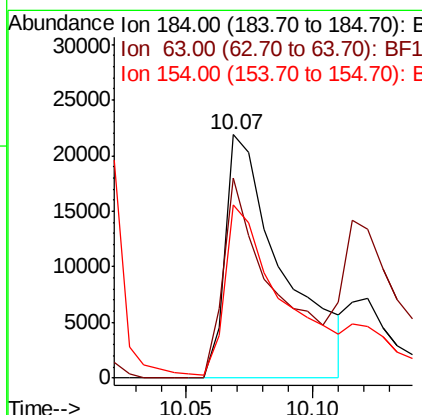
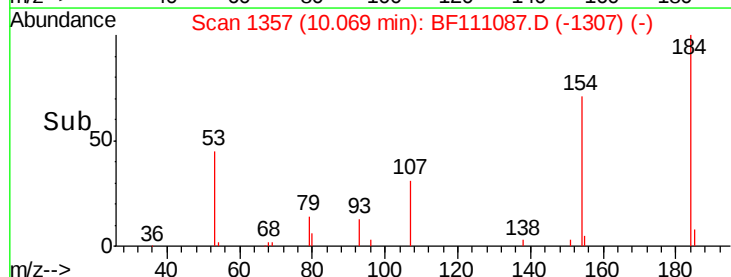
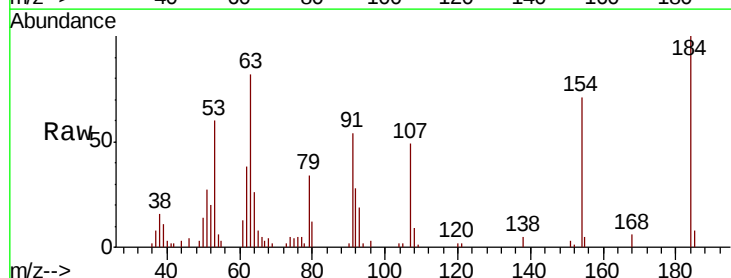
Instrument :
 BNA_F
 ClientSampleId :

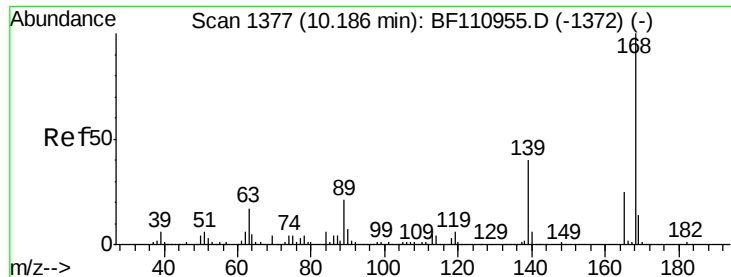
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.7	13.1
92	106.5	97.0	145.4



#54
 2,4-Dinitrophenol
 Concen: 40.937 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.4	55.8	83.6
154	71.4	63.2	94.8

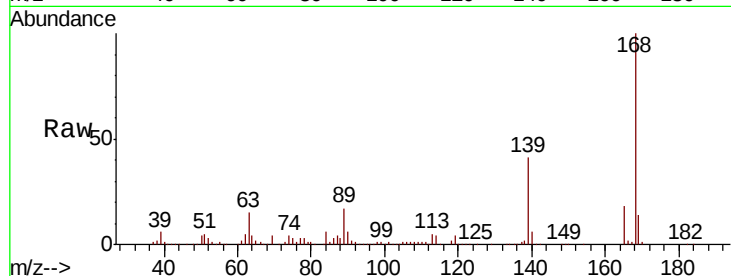




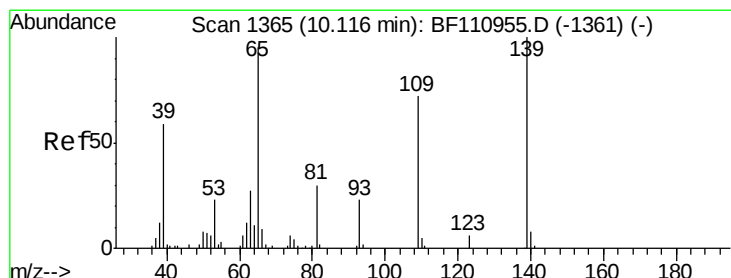
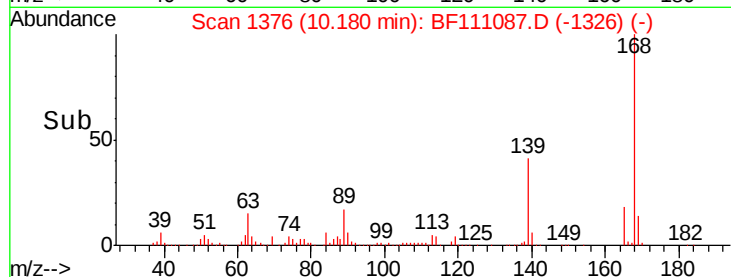
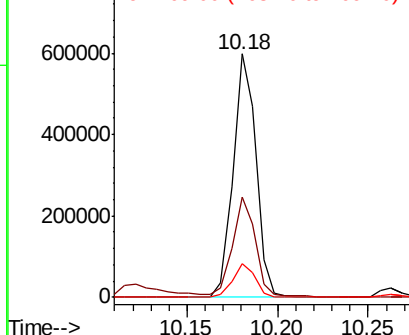
#55
Dibenzofuran
Concen: 38.748 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 525814
Ion Ratio Lower Upper
168 100
139 41.2 33.0 49.6
169 13.7 11.3 16.9

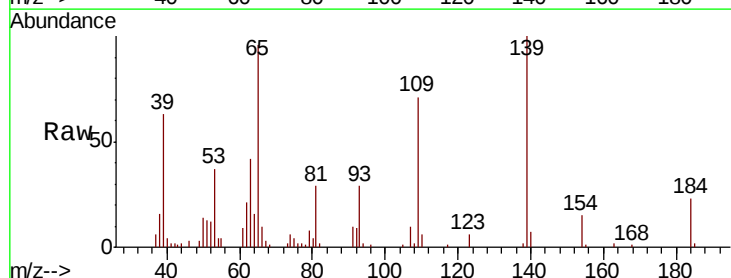


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

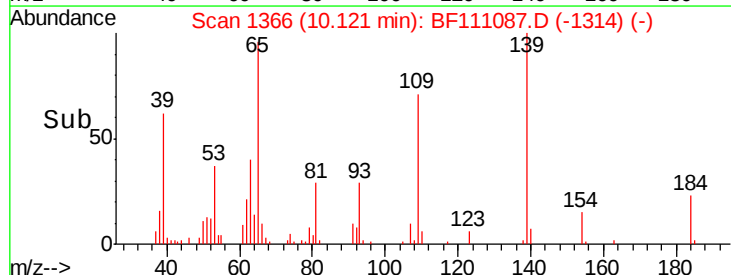
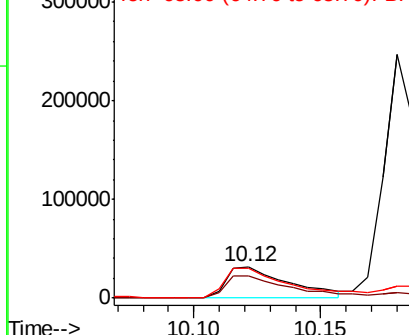


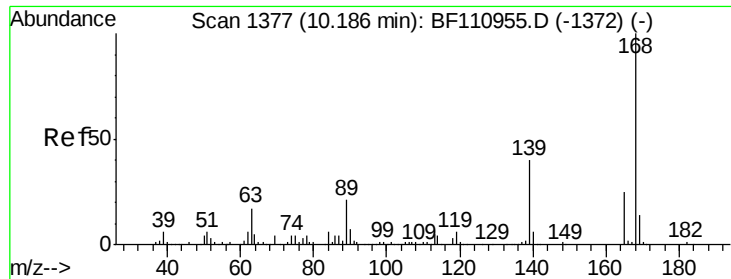
#56
4-Nitrophenol
Concen: 35.344 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion:139 Resp: 53040
Ion Ratio Lower Upper
139 100
109 70.6 55.8 95.8
65 96.5 77.9 117.9



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

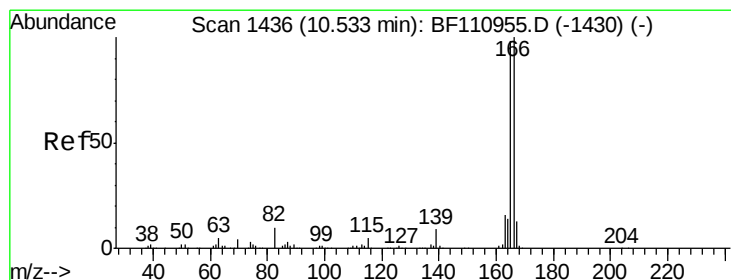
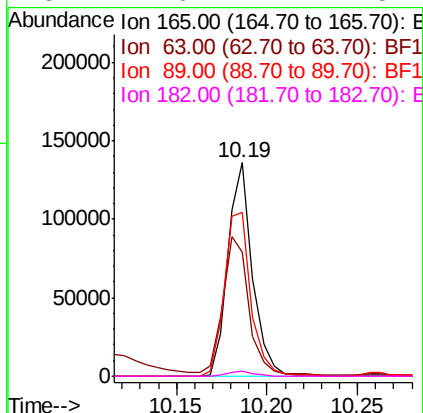
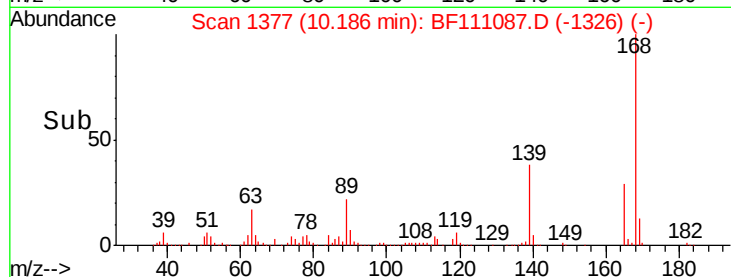
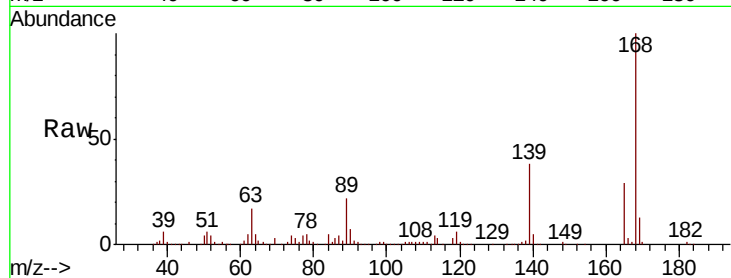




#57
2,4-Dinitrotoluene
Concen: 39.599 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

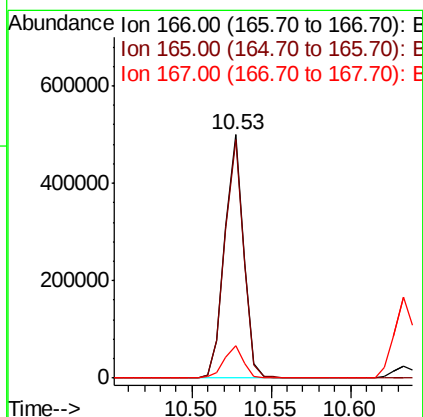
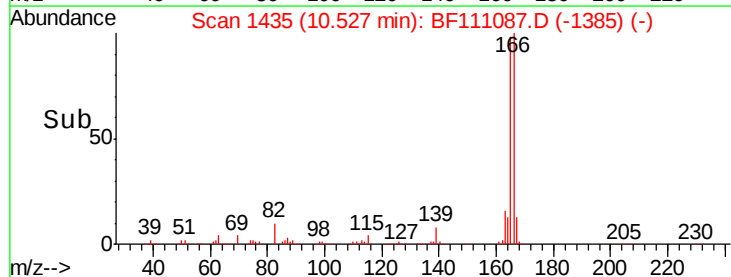
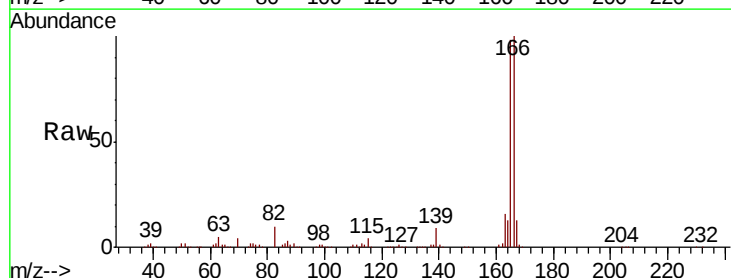
Instrument :
BNA_F
ClientSampleId :

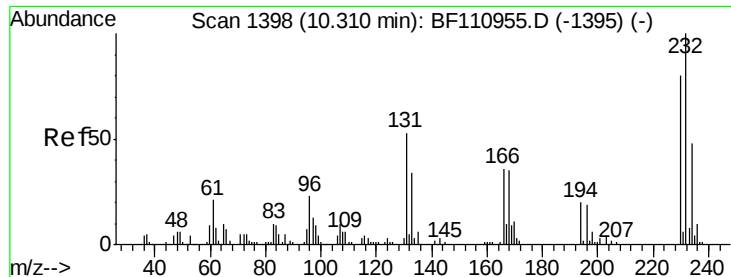
Tot Ion	Ratio	Lower	Upper
165	100		
63	57.9	44.8	67.2
89	76.5	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 39.090 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.1	10.8	16.2

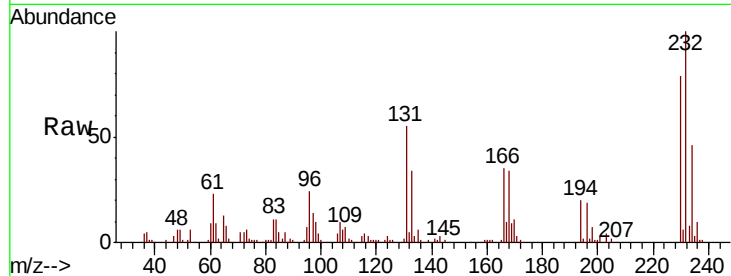




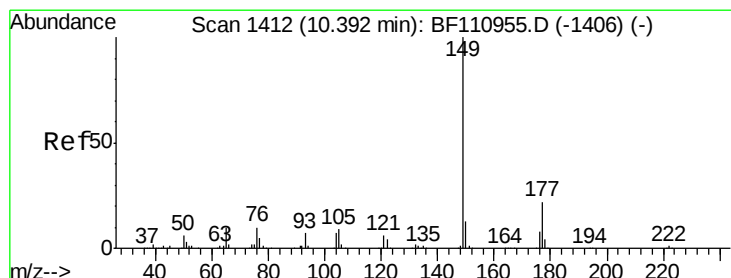
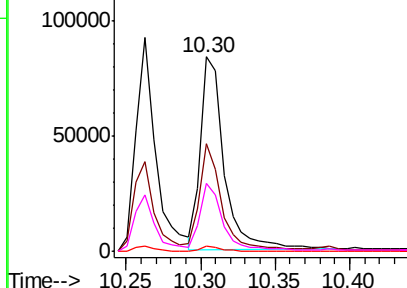
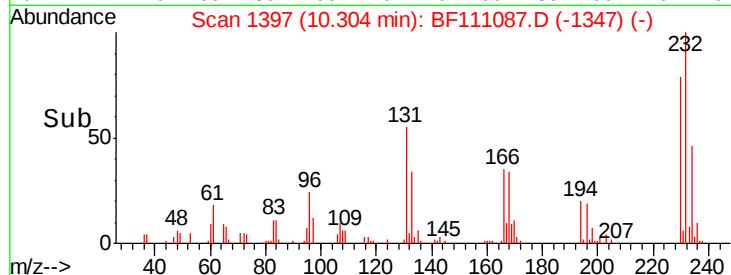
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.146 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 92059
 Ion Ratio Lower Upper
 232 100
 131 53.2 37.0 55.4
 130 2.2 1.8 2.6
 166 32.9 22.0 33.0

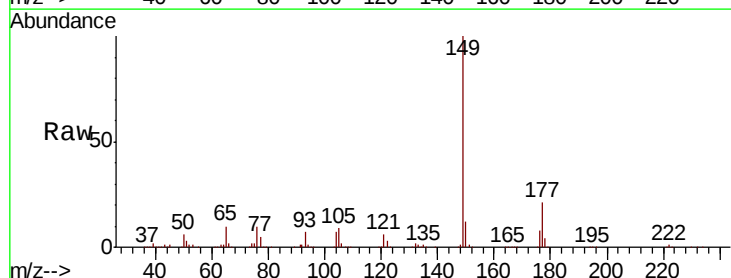


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

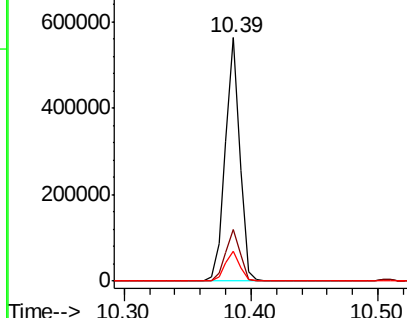
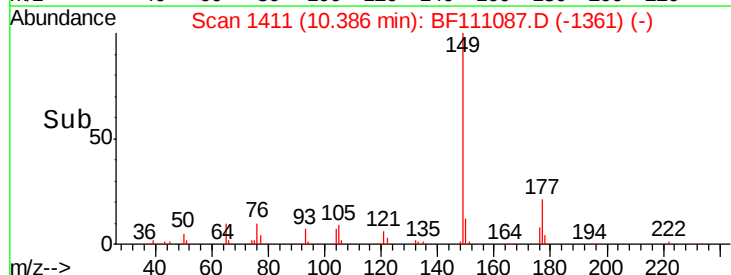


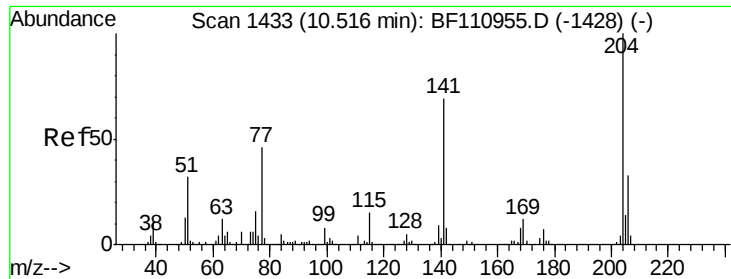
#60
 Diethylphthalate
 Concen: 39.004 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF111087.D
 Acq: 29 Nov 2018 13:08

Tgt Ion:149 Resp: 450290
 Ion Ratio Lower Upper
 149 100
 177 21.4 17.4 26.2
 150 12.4 9.8 14.8



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

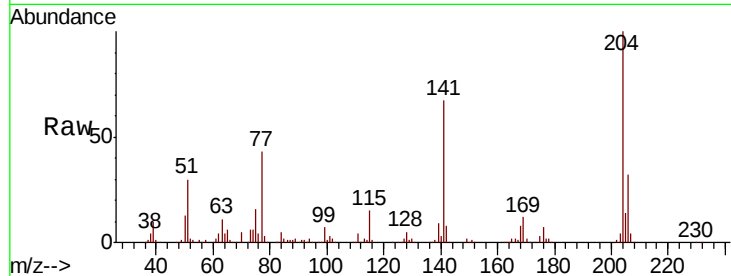




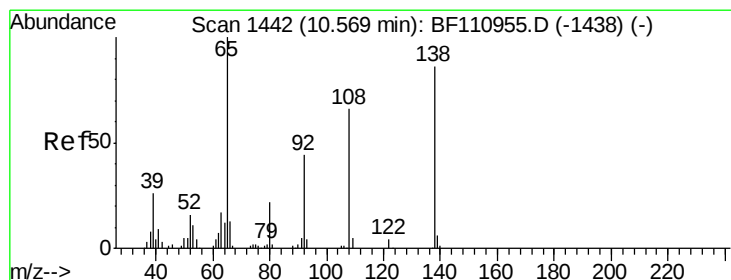
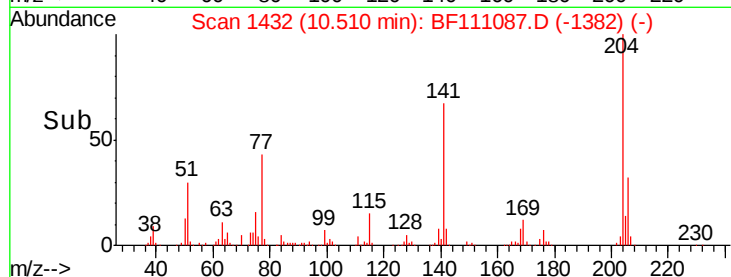
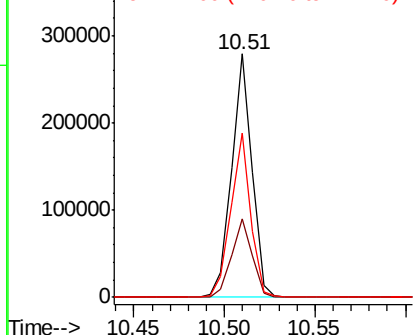
#61
4-Chlorophenyl-phenylether
Concen: 39.687 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 219164
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 67.3 51.8 77.8

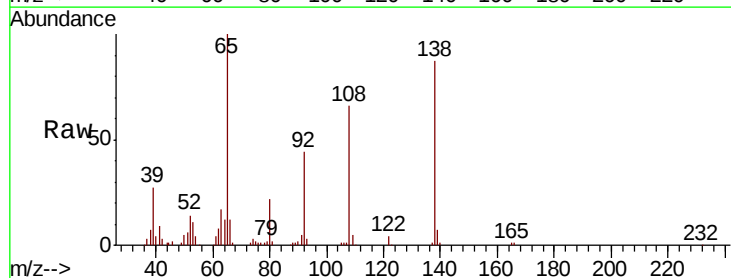


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

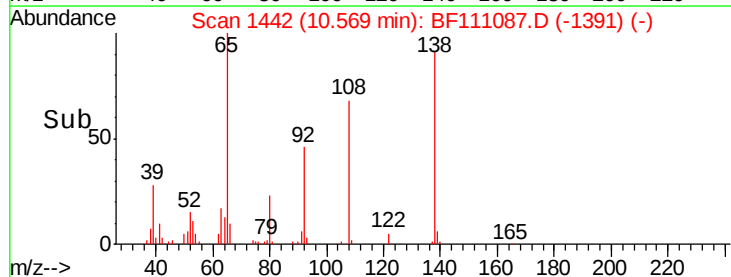
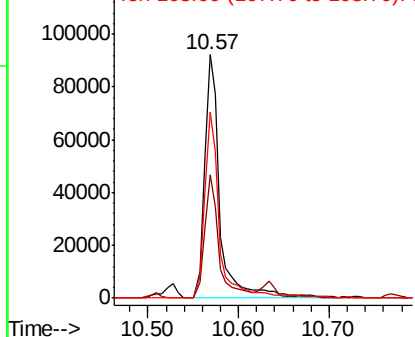


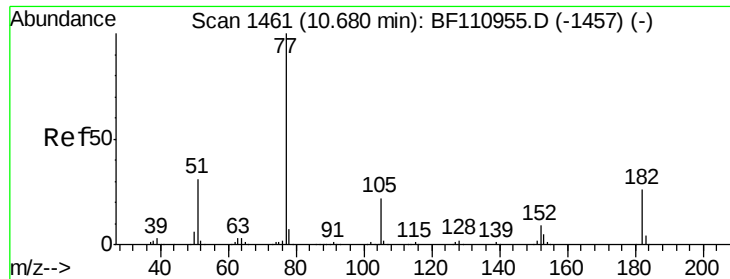
#62
4-Nitroaniline
Concen: 40.977 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion:138 Resp: 110826
Ion Ratio Lower Upper
138 100
92 50.5 31.7 71.7
108 76.3 59.3 99.3



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





#63

Azobenzene

Concen: 38.661 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 435046

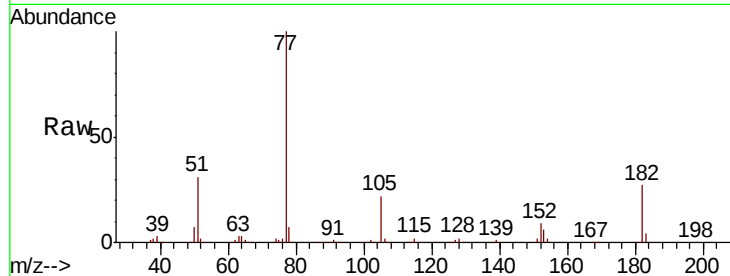
Ion Ratio Lower Upper

77 100

182 27.0 4.3 44.3

105 22.3 1.3 41.3

51 30.8 9.0 49.0

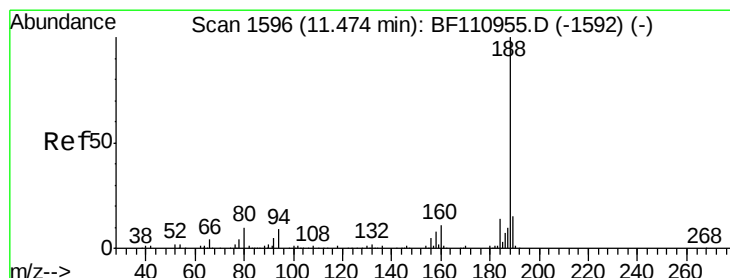
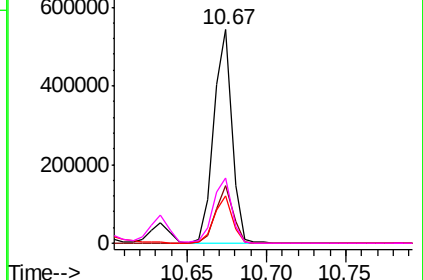
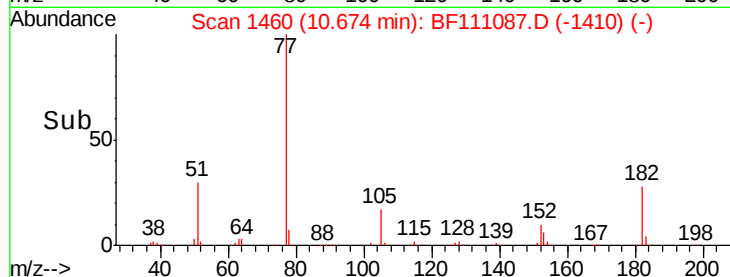


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

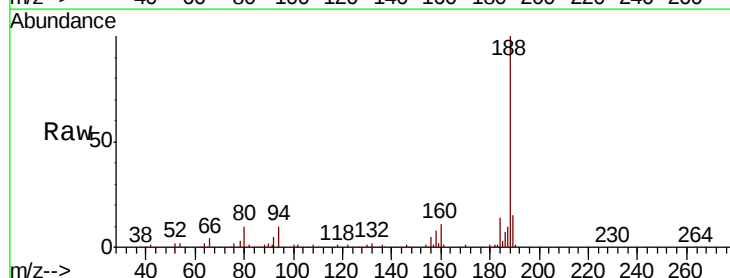
Tgt Ion: 188 Resp: 279789

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

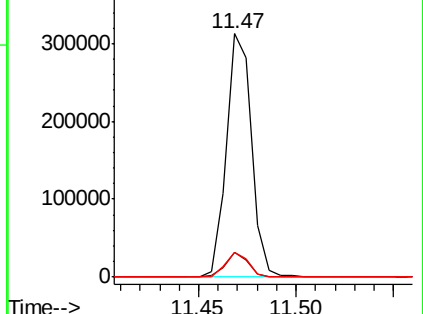
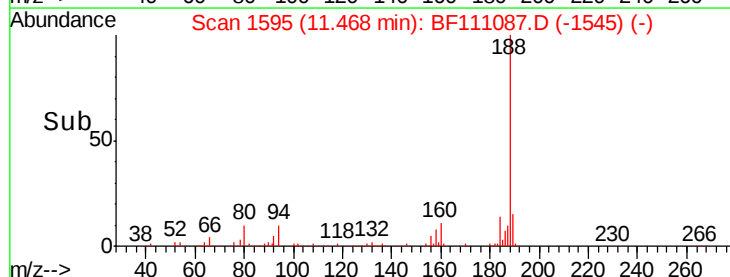
80 10.4 7.9 11.9

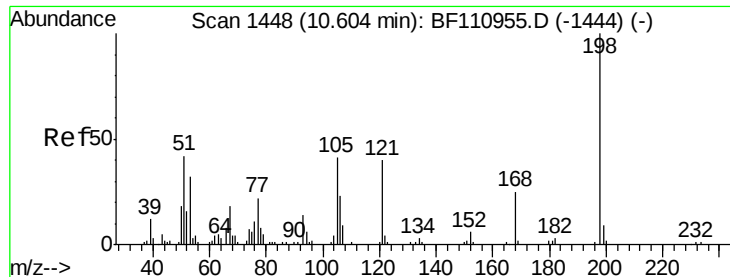


Abundance Ion 188.00 (187.70 to 188.70): E

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: 39.373 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

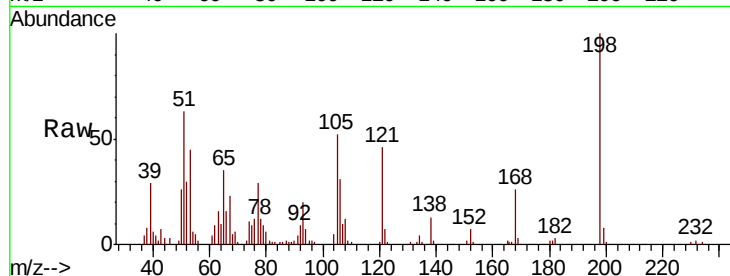
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 52110

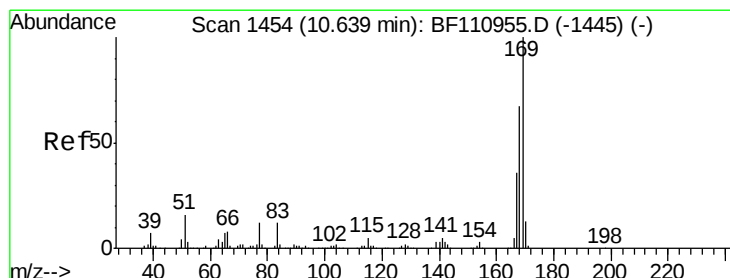
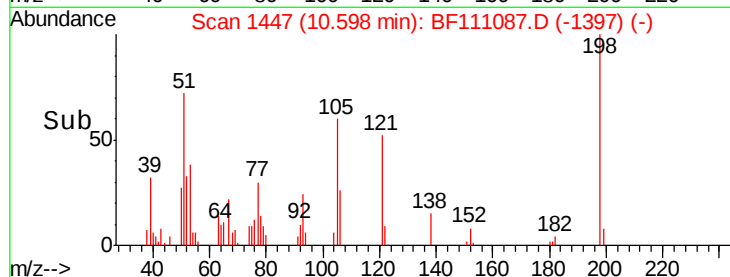
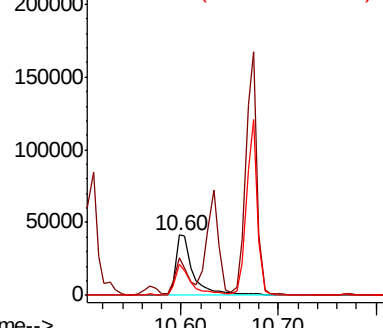
Ion	Ratio	Lower	Upper
198	100		
51	62.5	22.8	62.8
105	51.5	23.6	63.6



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: 41.648 ng

RT: 10.63 min Scan# 1453

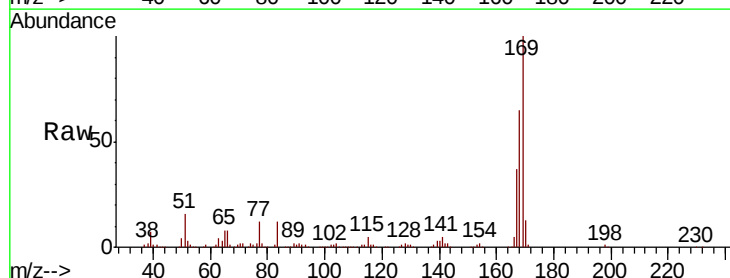
Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Tgt Ion:169 Resp: 387917

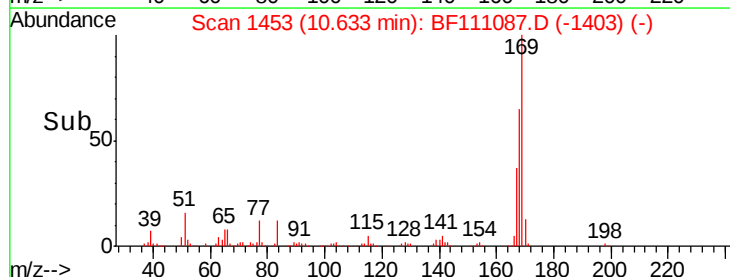
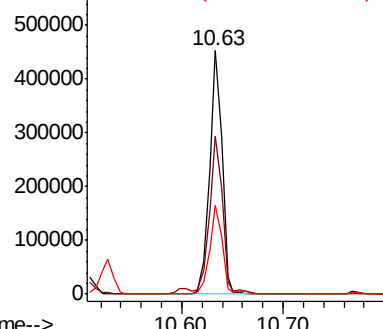
Ion	Ratio	Lower	Upper
169	100		
168	65.1	51.2	76.8
167	36.6	27.8	41.6

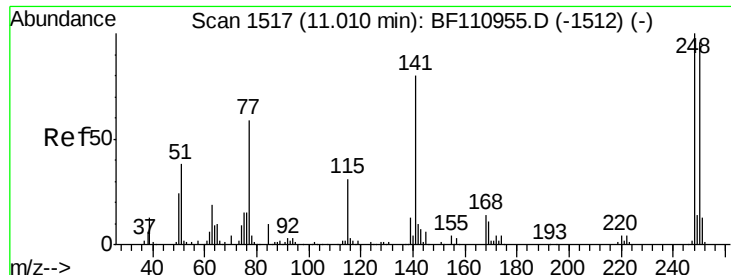


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

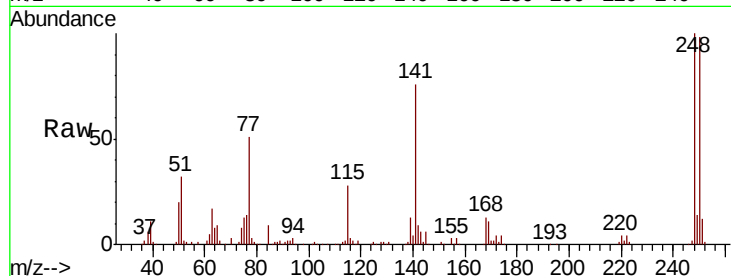




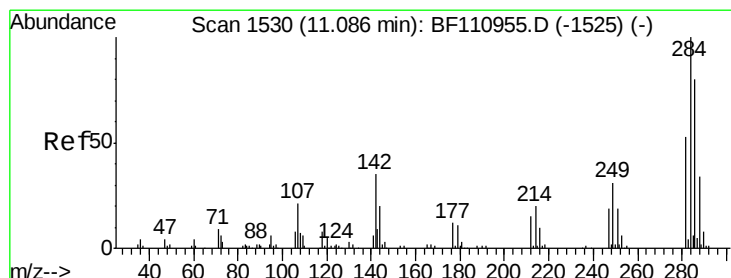
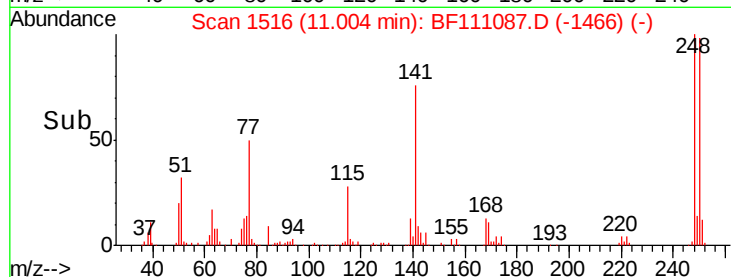
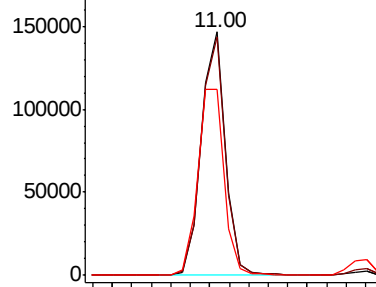
#67
4-Bromophenyl-phenylether
Concen: 41.143 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 125370
Ion Ratio Lower Upper
248 100
250 97.9 79.4 119.2
141 76.3 55.9 83.9

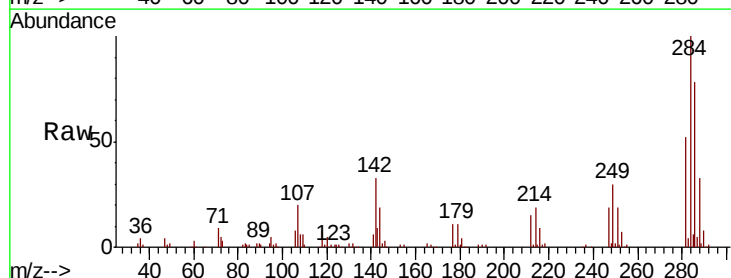


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

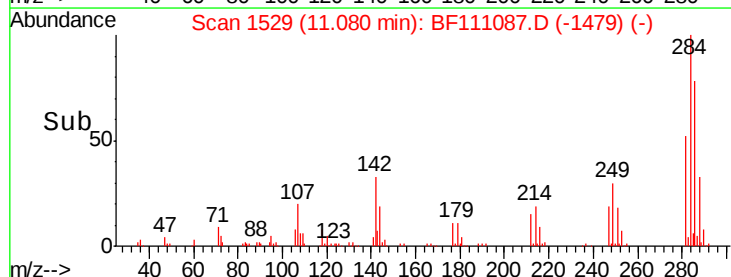
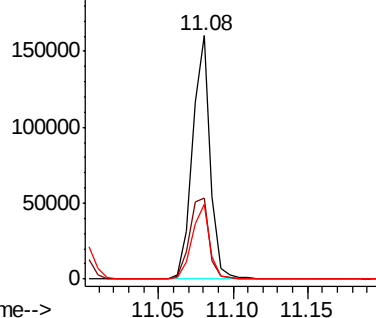


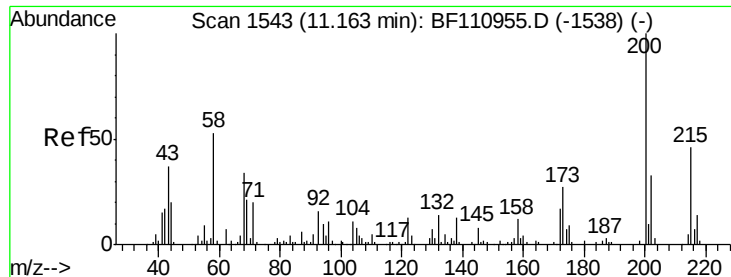
#68
Hexachlorobenzene
Concen: 41.254 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion:284 Resp: 133896
Ion Ratio Lower Upper
284 100
142 33.4 23.9 35.9
249 30.5 24.2 36.2



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

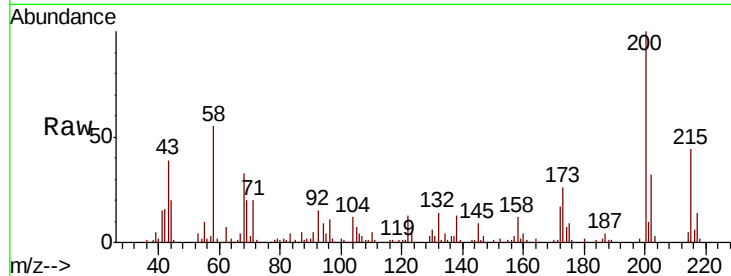




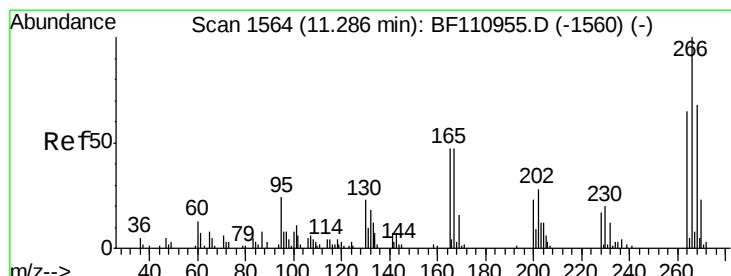
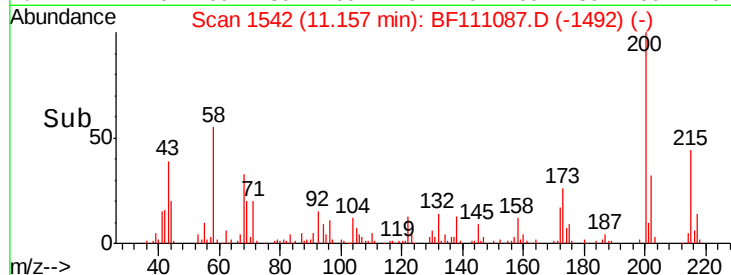
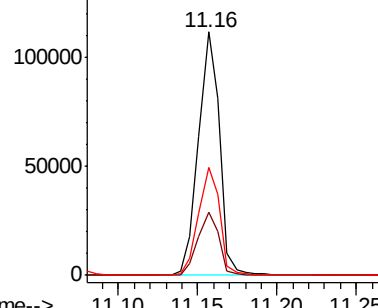
#69
Atrazine
Concen: 38.818 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.6	46.6
215	44.5	26.3	66.3

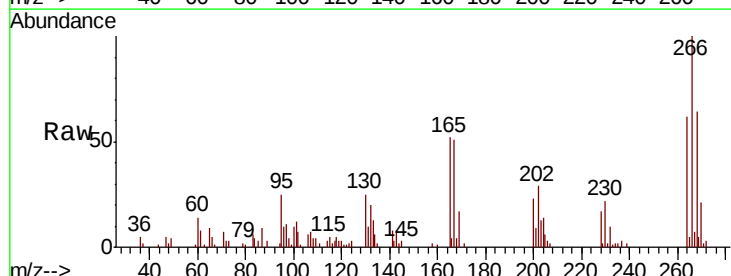


Abundance Ion 200.00 (199.70 to 200.70): E
150000 Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

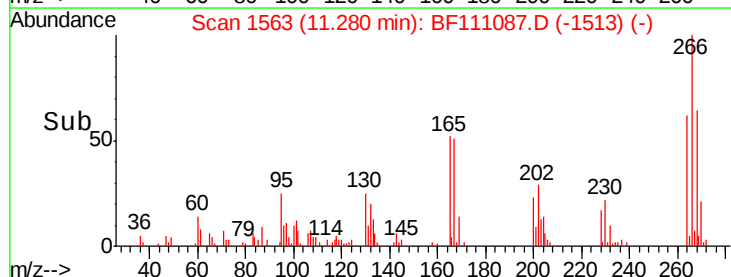
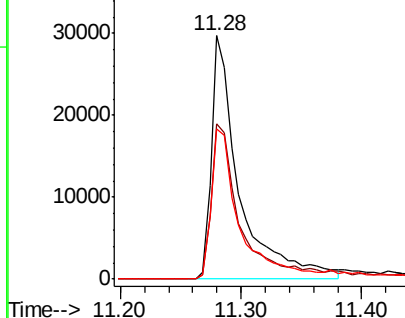


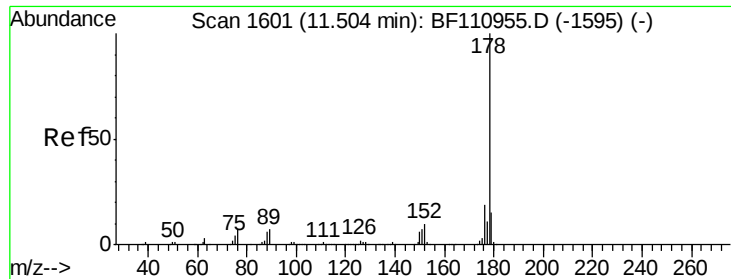
#70
Pentachlorophenol
Concen: 36.768 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.6	75.8
264	61.8	50.6	75.8



Abundance Ion 265.70 (265.40 to 266.40): E
40000 Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

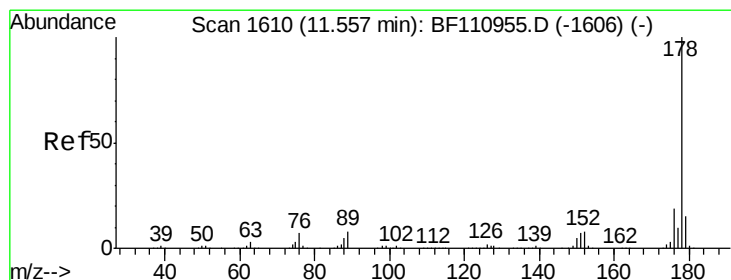
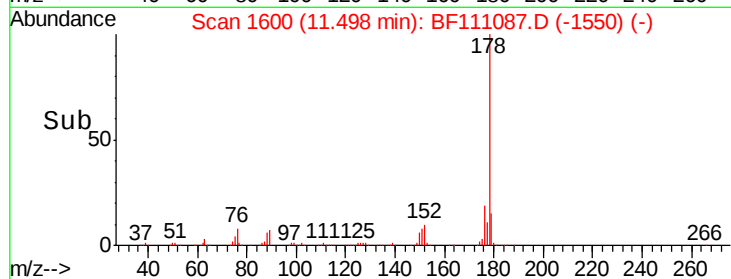
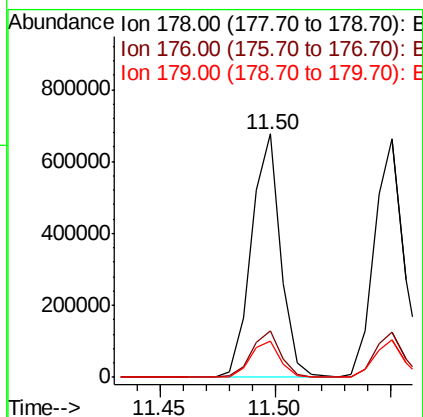
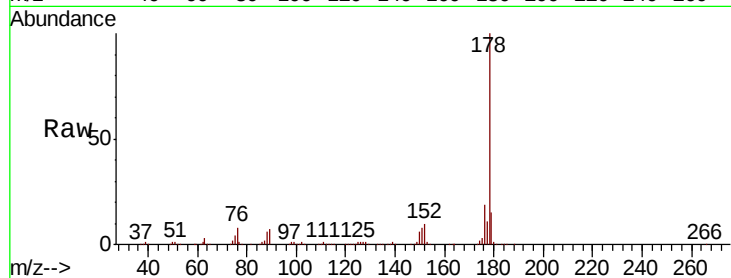




#71
Phenanthrene
Concen: 40.342 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

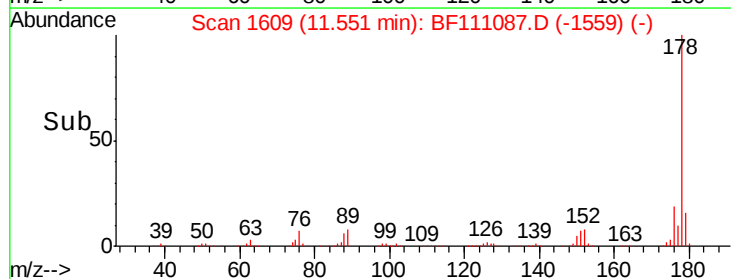
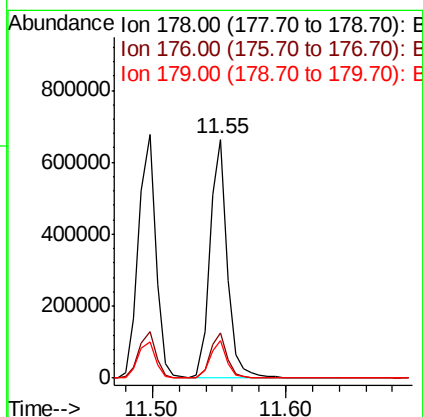
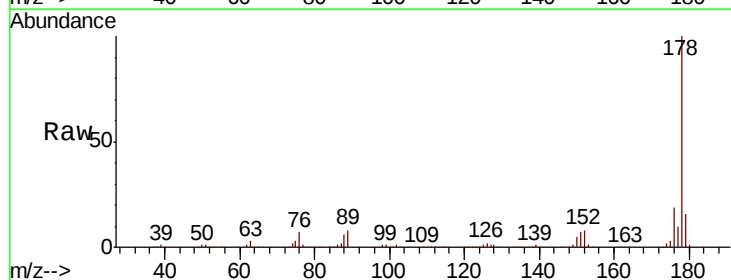
Instrument :
BNA_F
ClientSampleId :

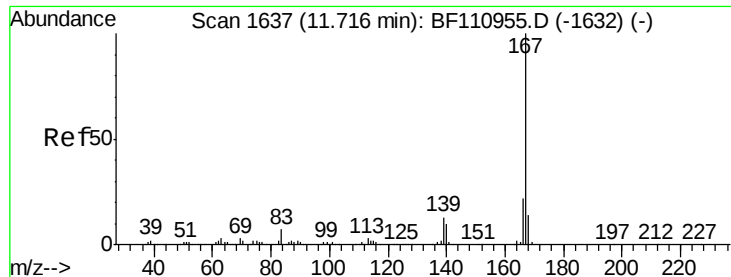
Tot Ion:178 Resp: 597809
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.1 12.5 18.7



#72
Anthracene
Concen: 39.948 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion:178 Resp: 602854
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.7 12.6 18.8





#73

Carbazole

Concen: 40.374 ng

RT: 11.71 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

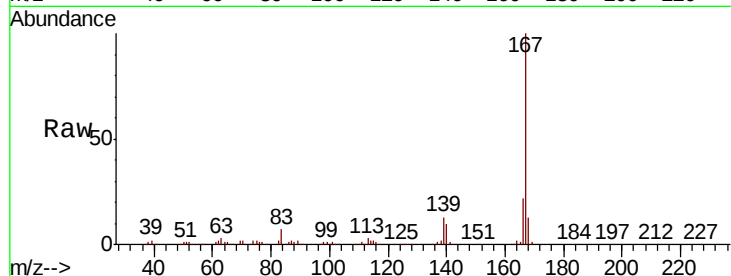
Tot Ion:167 Resp: 591384

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

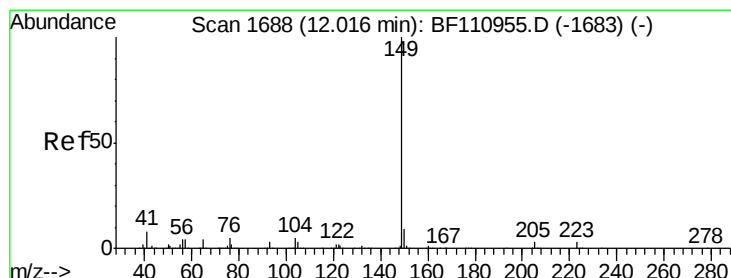
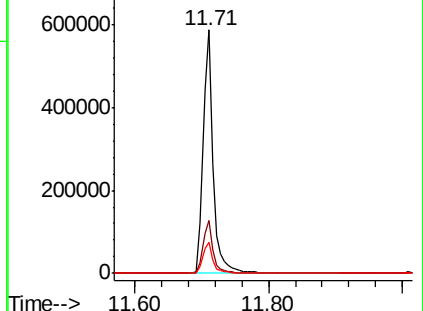
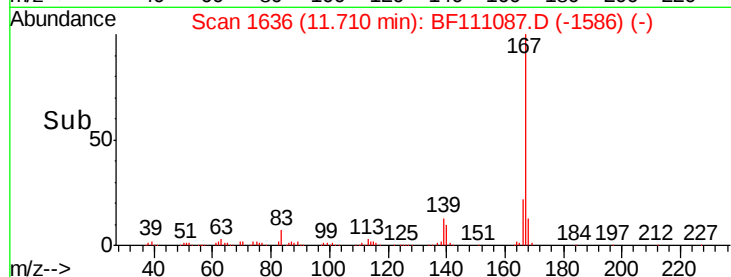
139 13.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.529 ng

RT: 12.01 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

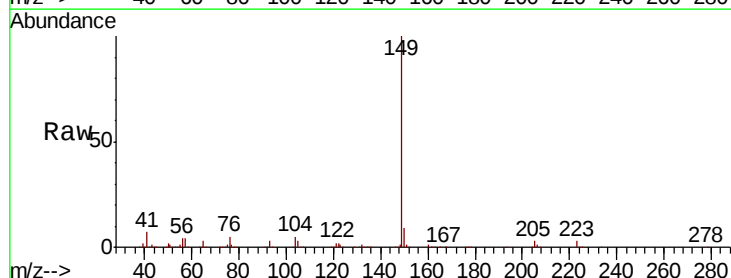
Tgt Ion:149 Resp: 676976

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

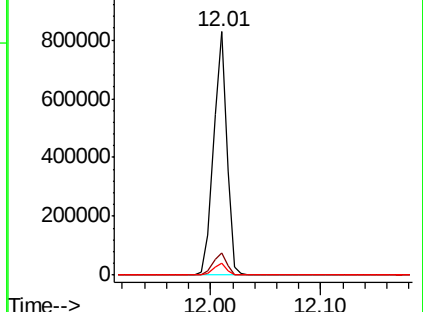
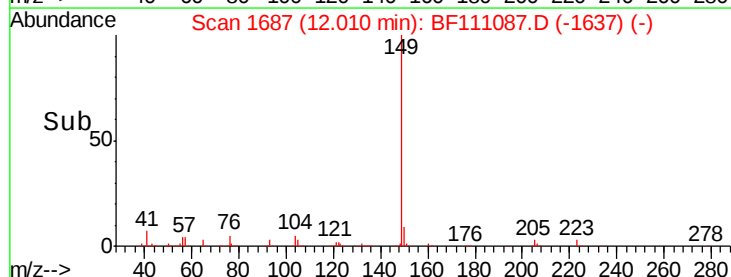
104 4.9 4.2 6.4

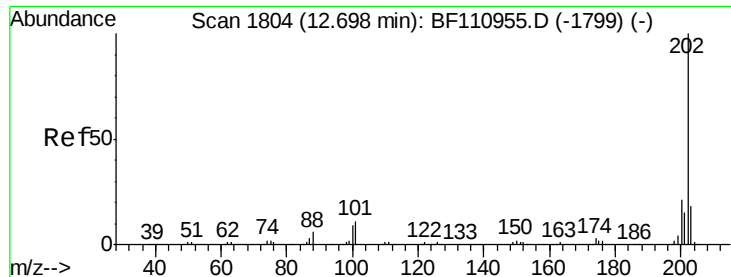


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.683 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

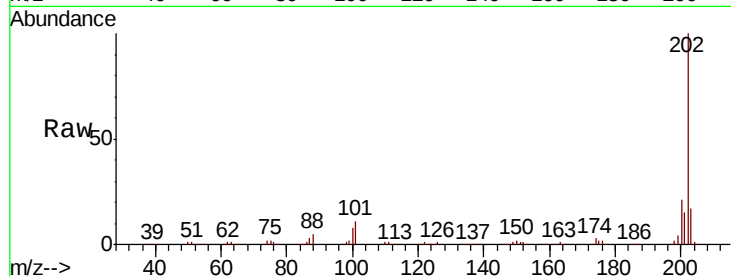
Tot Ion:202 Resp: 589152

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.4

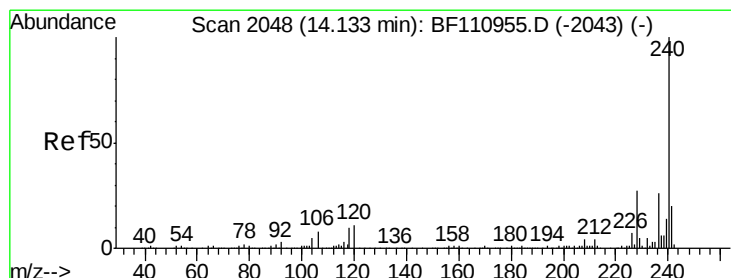
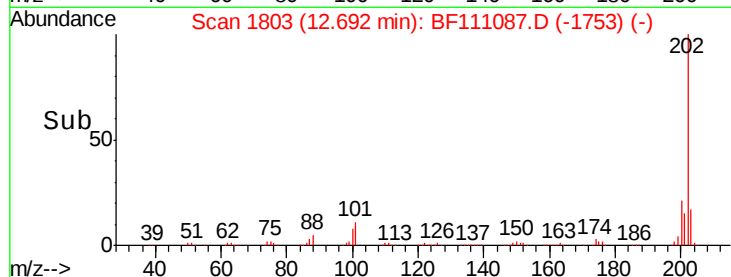
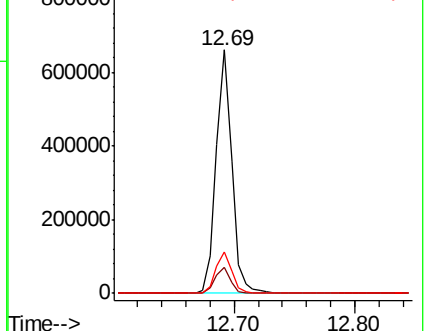
203 17.2 0.0 37.7



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: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

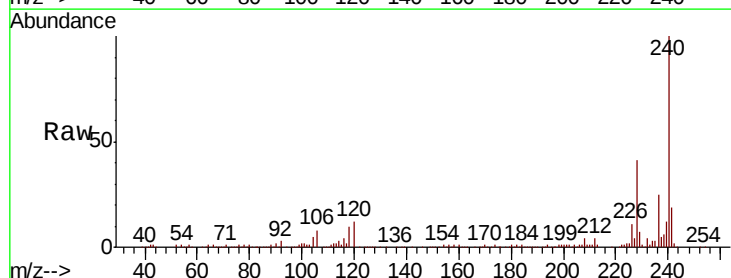
Tgt Ion:240 Resp: 186906

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

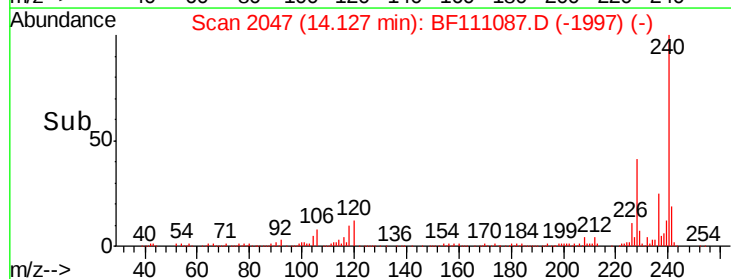
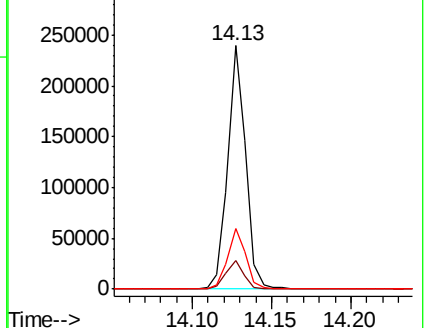
236 24.7 21.2 31.8

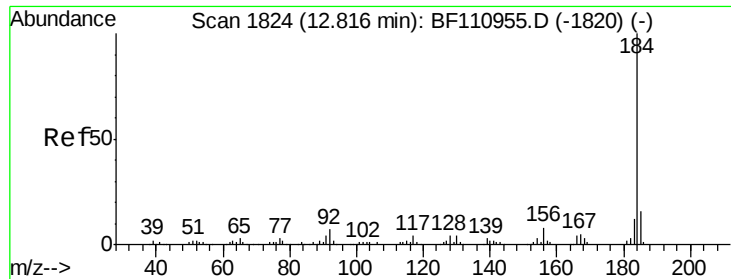


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.784 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

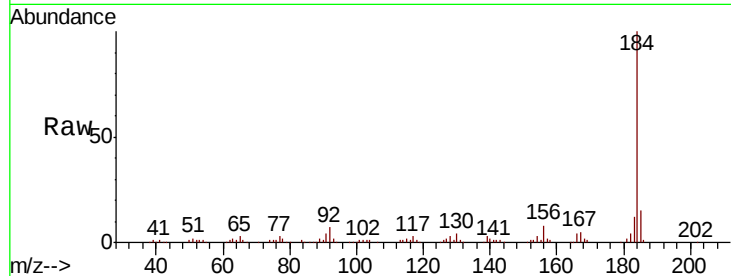
Tot Ion:184 Resp: 218879

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.2

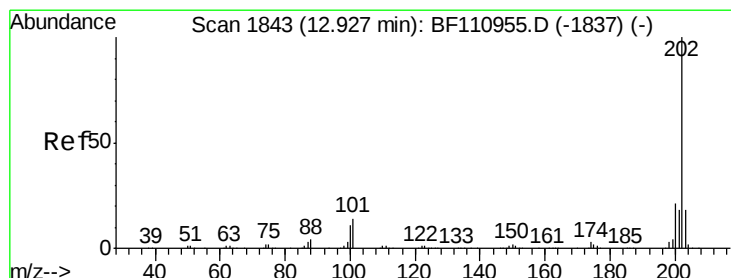
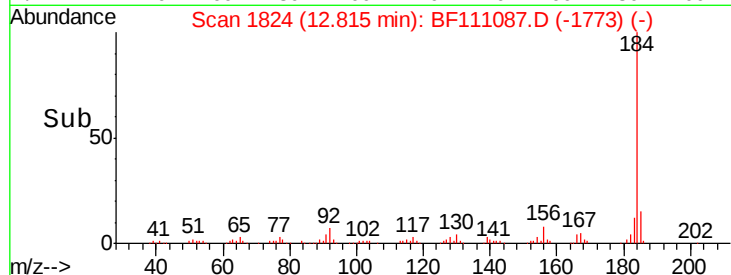
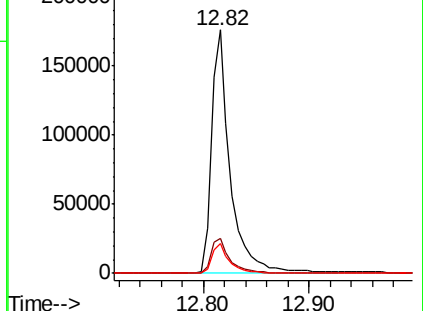
183 12.0 9.4 14.2



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: 44.115 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

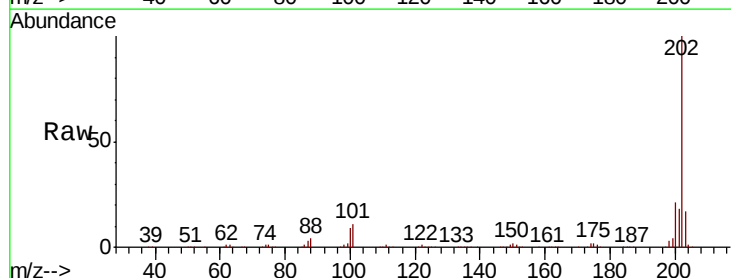
Tgt Ion:202 Resp: 602213

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

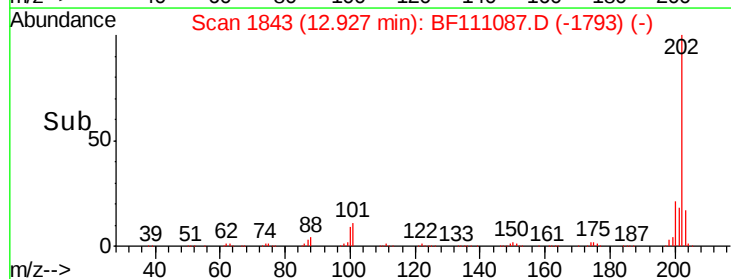
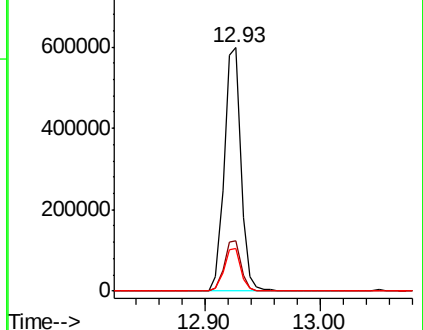
203 17.3 14.2 21.4

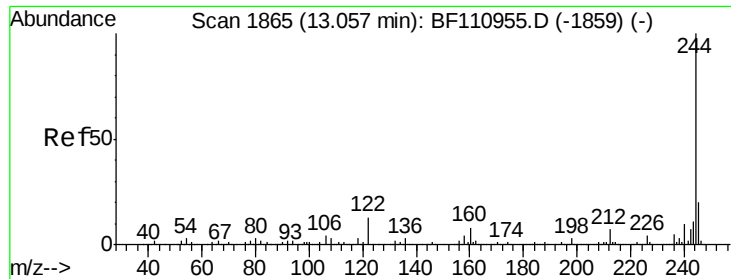


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.025 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampled :

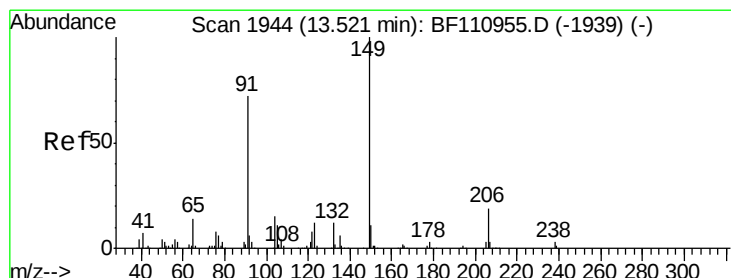
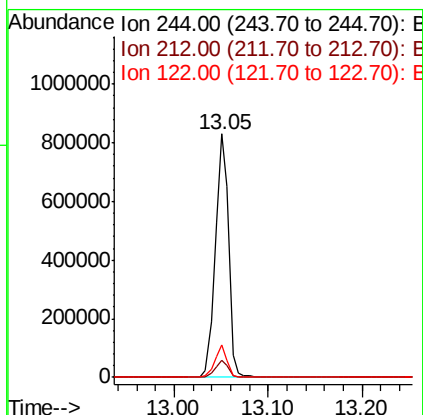
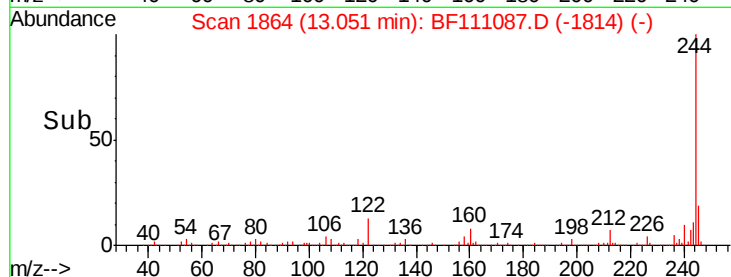
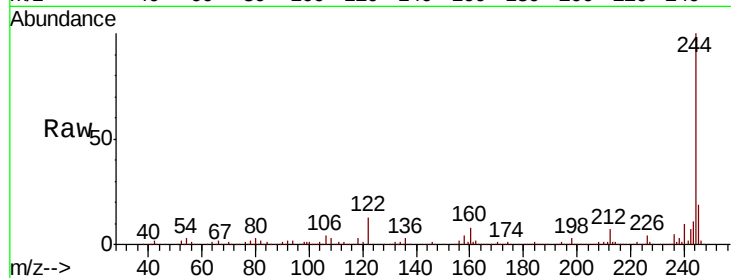
Tot Ion:244 Resp: 825961

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 13.2 8.7 13.1#



#80

Butylbenzylphthalate

Concen: 43.253 ng

RT: 13.52 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

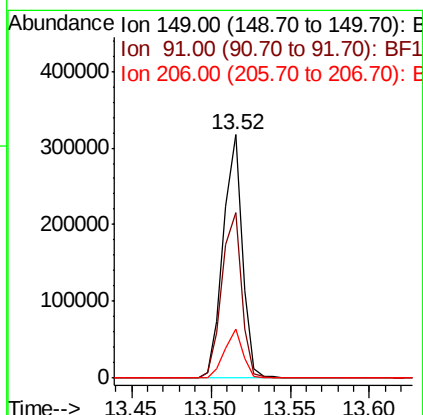
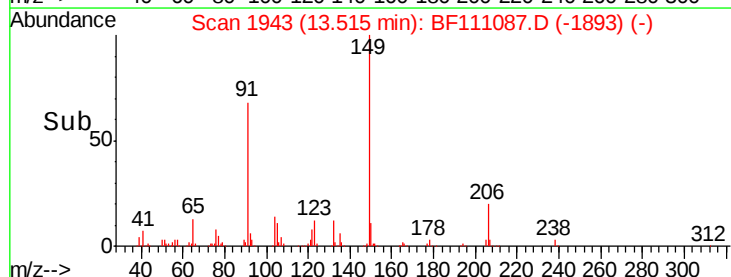
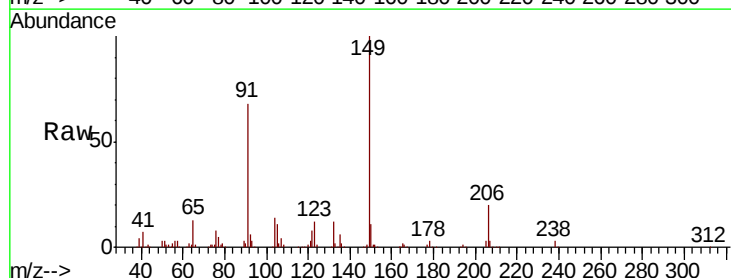
Tgt Ion:149 Resp: 266578

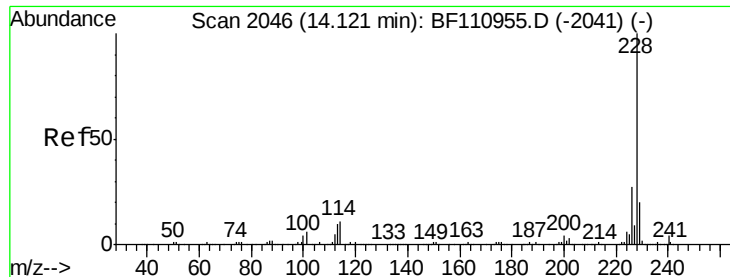
Ion Ratio Lower Upper

149 100

91 68.2 57.2 85.8

206 20.0 15.7 23.5





#81

Benzo(a)anthracene

Concen: 40.191 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

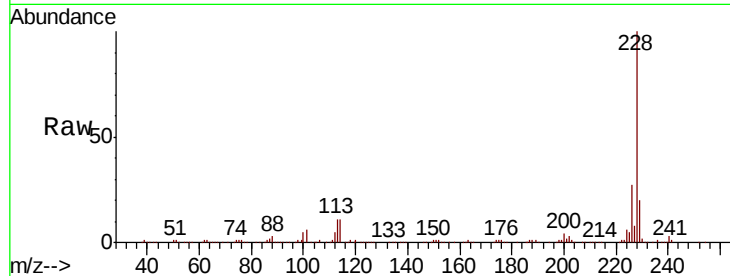
Tot Ion:228 Resp: 443492

Ion Ratio Lower Upper

228 100

226 26.9 22.1 33.1

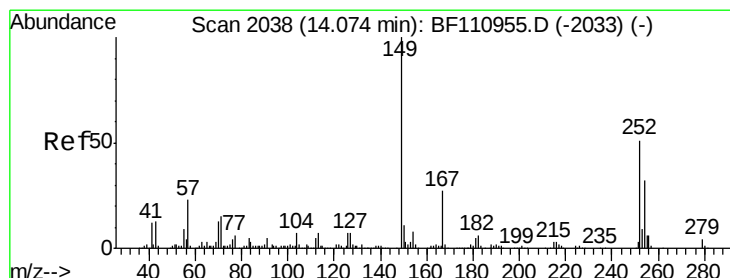
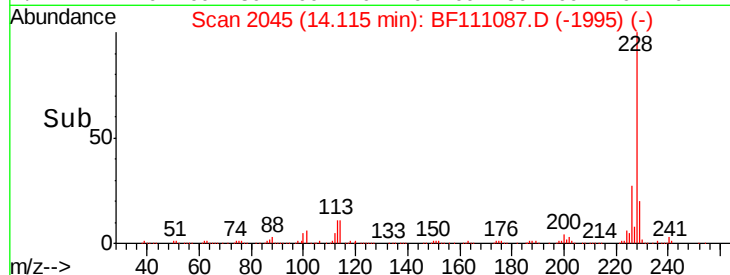
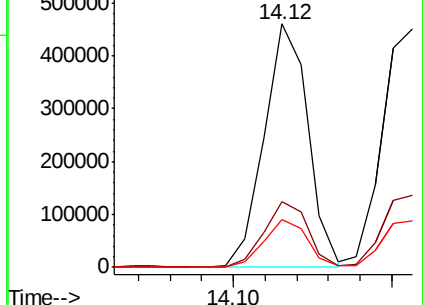
229 19.8 15.6 23.4



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: 40.583 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

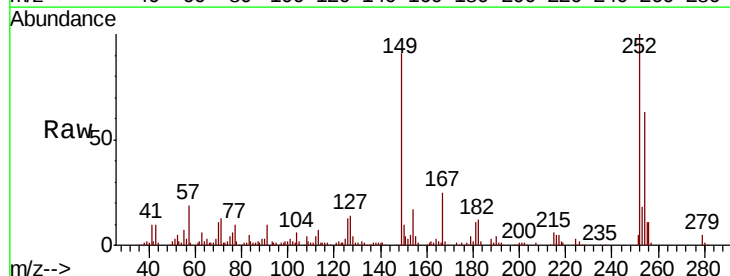
Tgt Ion:252 Resp: 153551

Ion Ratio Lower Upper

252 100

254 63.2 51.3 76.9

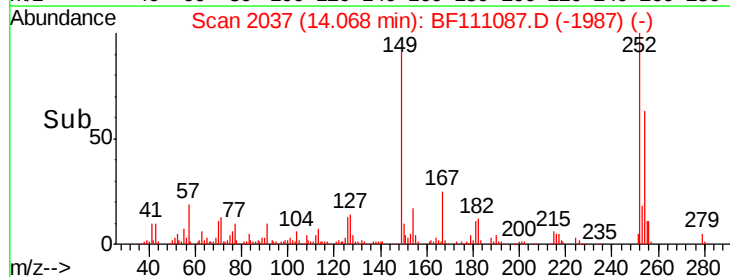
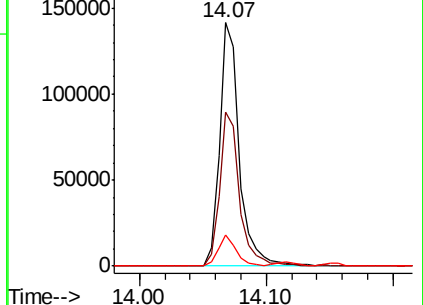
126 12.9 9.4 14.2

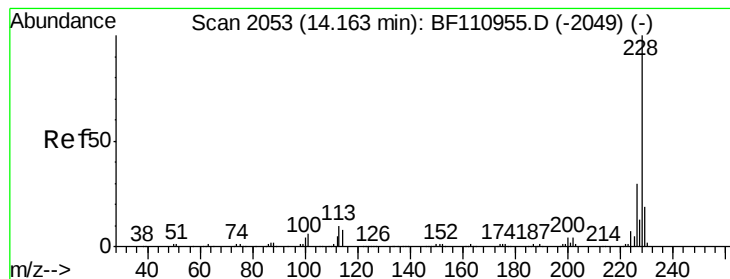


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.504 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

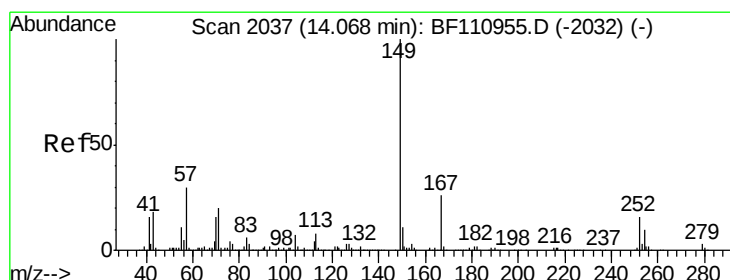
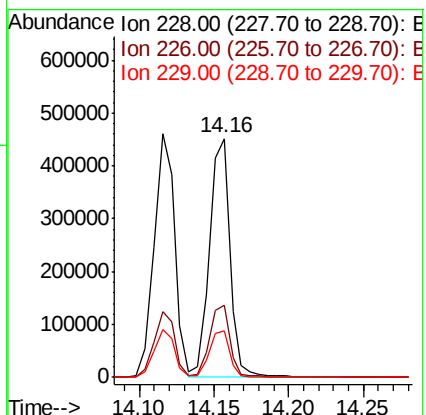
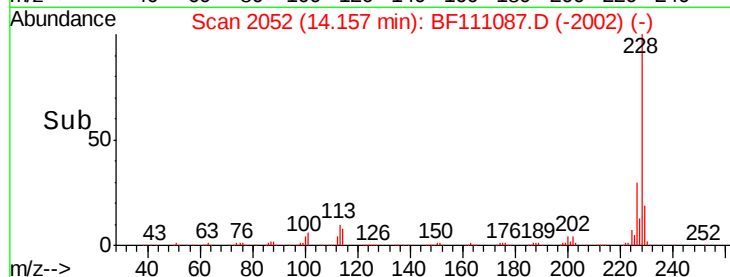
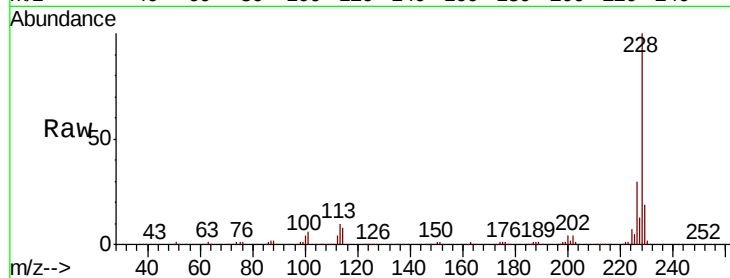
Tot Ion:228 Resp: 429122

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.047 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

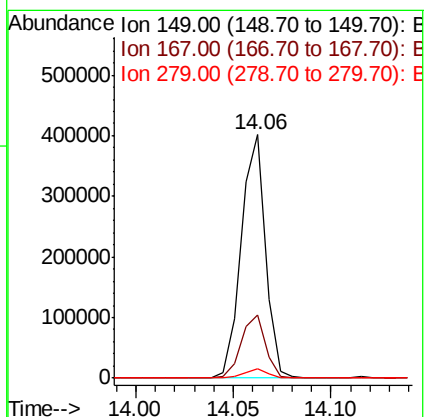
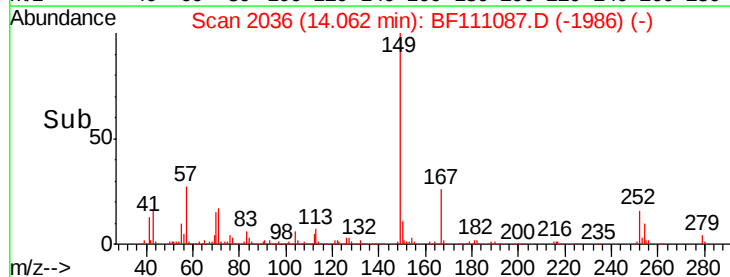
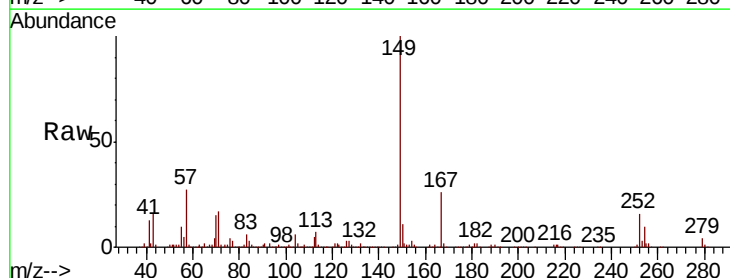
Tgt Ion:149 Resp: 345307

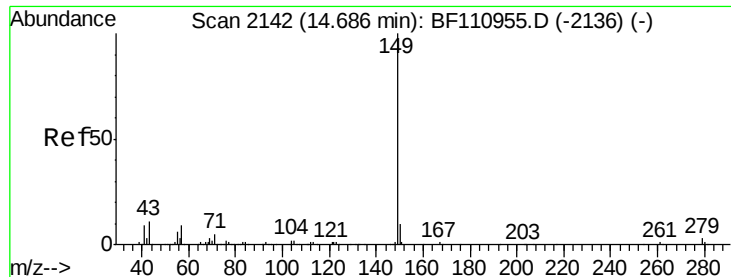
Ion Ratio Lower Upper

149 100

167 25.9 19.8 29.8

279 3.8 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 38.289 ng

RT: 14.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

Instrument :

BNA_F

ClientSampleId :

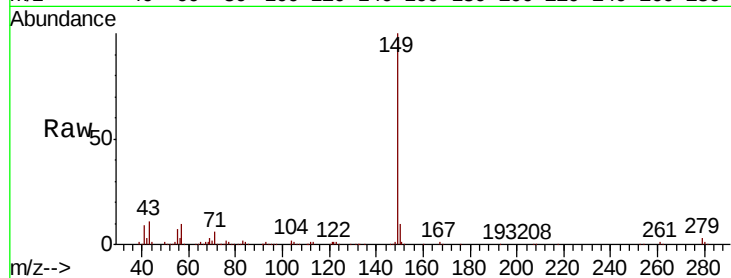
Tot Ion:149 Resp: 496358

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

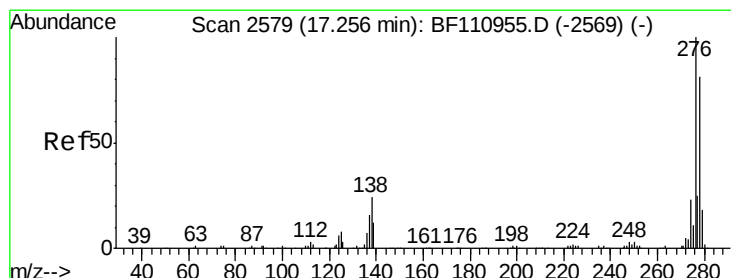
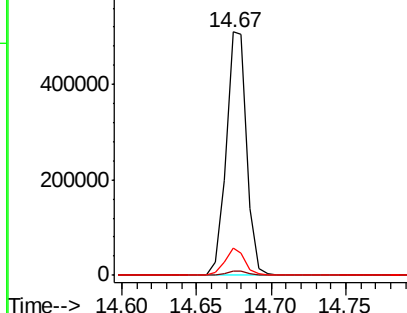
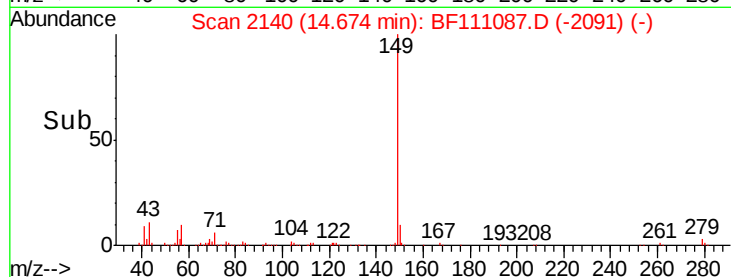
43 10.6 7.8 11.8



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: 42.179 ng

RT: 17.25 min Scan# 2578

Delta R.T. -0.00 min

Lab File: BF111087.D

Acq: 29 Nov 2018 13:08

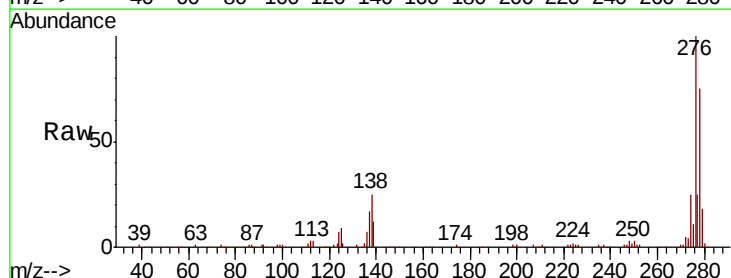
Tgt Ion:276 Resp: 328881

Ion Ratio Lower Upper

276 100

138 24.7 18.5 27.7

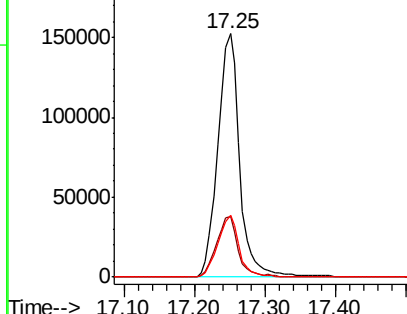
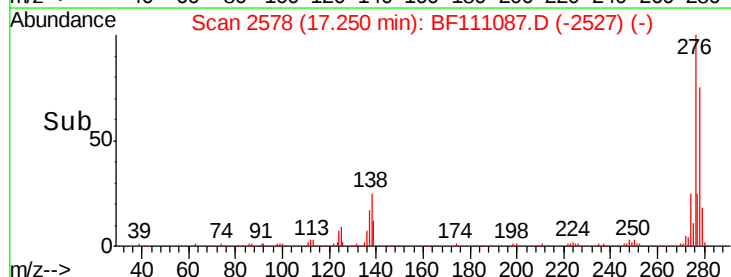
277 24.7 20.0 30.0

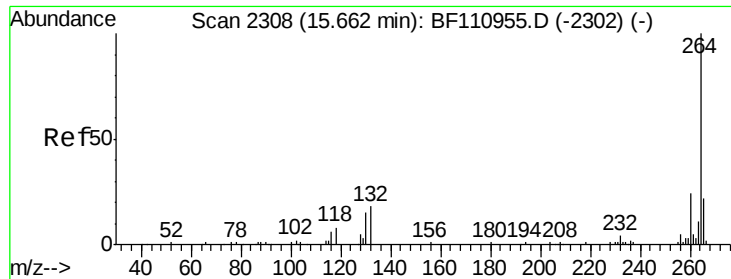


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



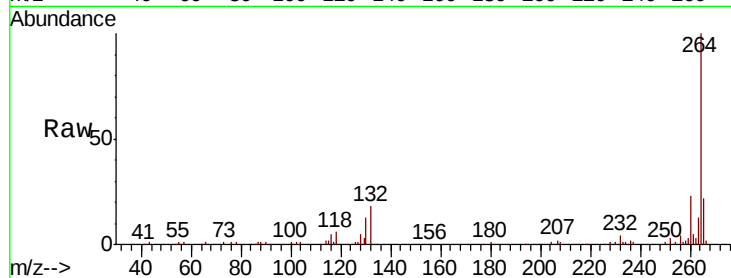


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

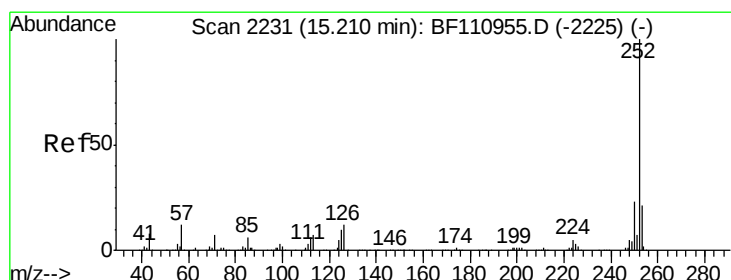
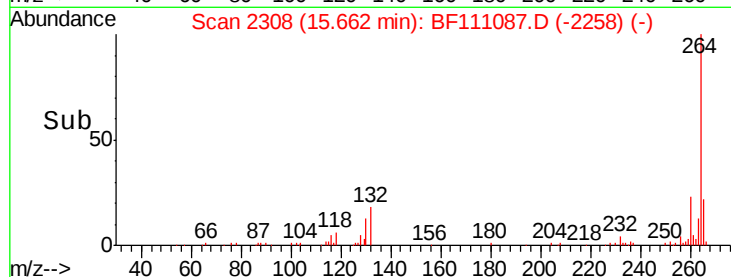
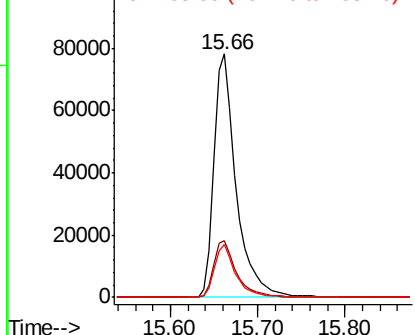
Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 137721

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.5	16.7	25.1



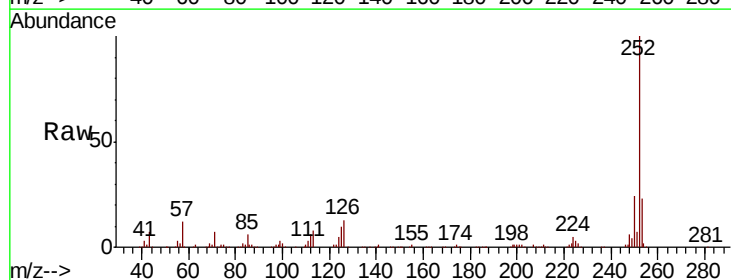
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



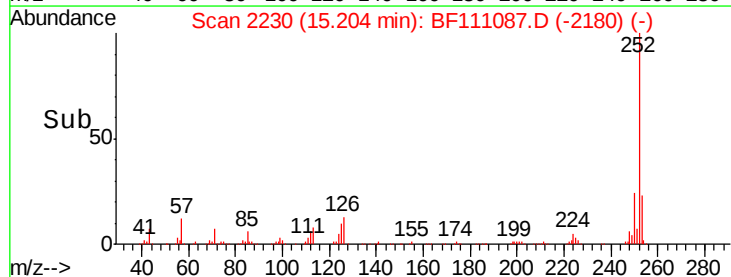
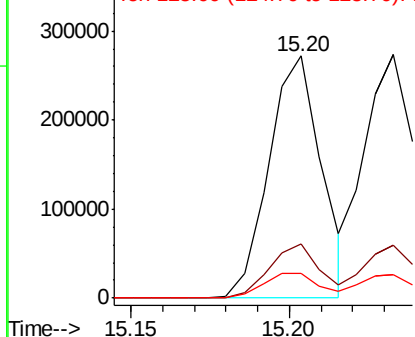
#88
Benzo(b)fluoranthene
Concen: 38.775 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

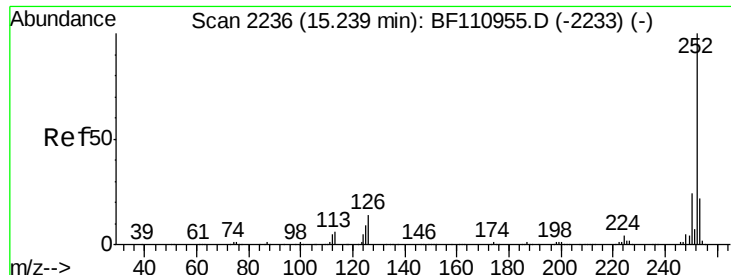
Tgt Ion:252 Resp: 313708

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.0	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

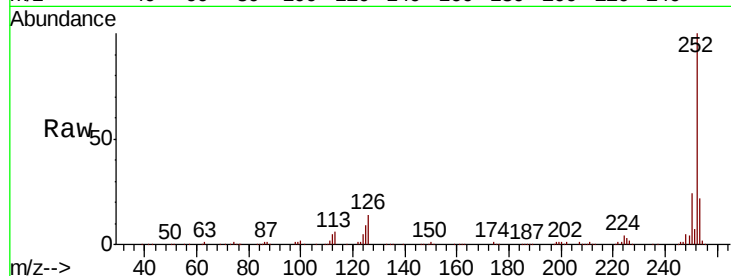




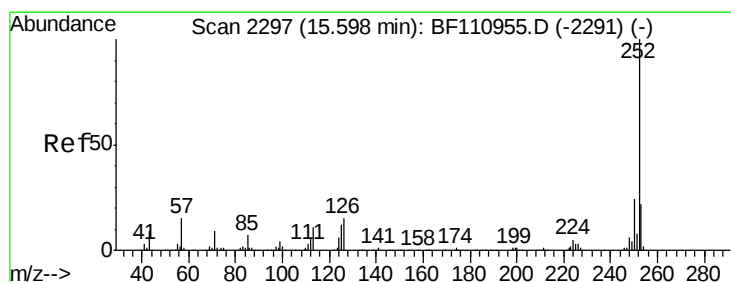
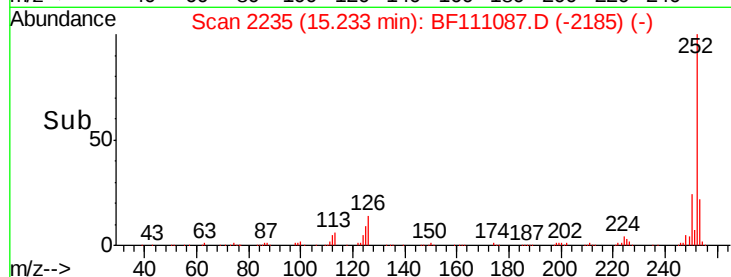
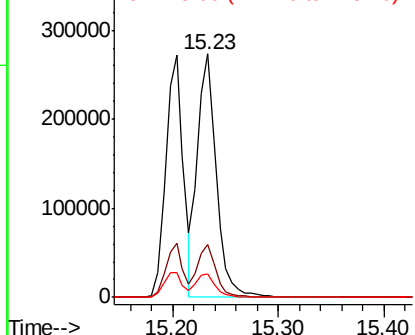
#89
Benzo(k)fluoranthene
Concen: 40.358 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	9.4	7.4	11.0

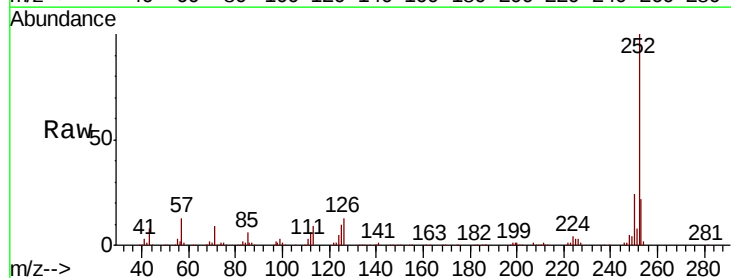


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

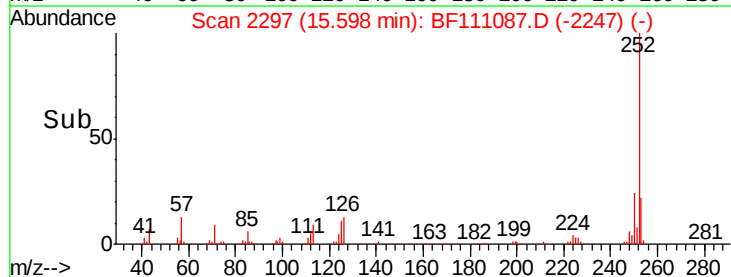
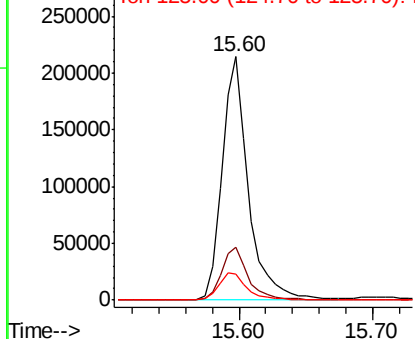


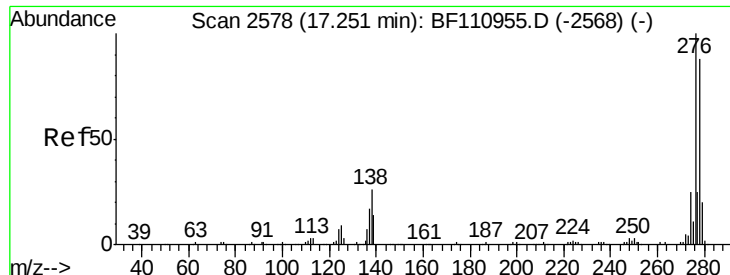
#90
Benzo(a)pyrene
Concen: 39.236 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.5	9.0	13.6



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

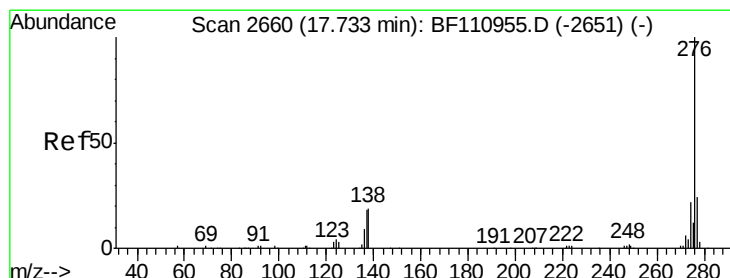
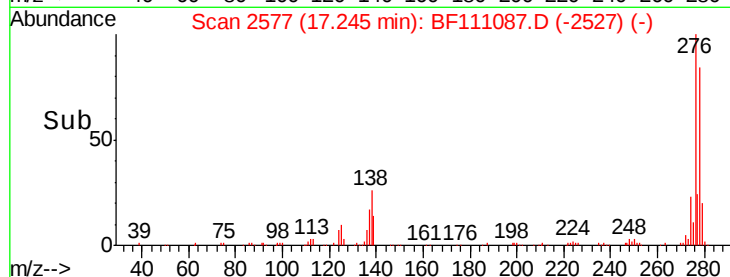
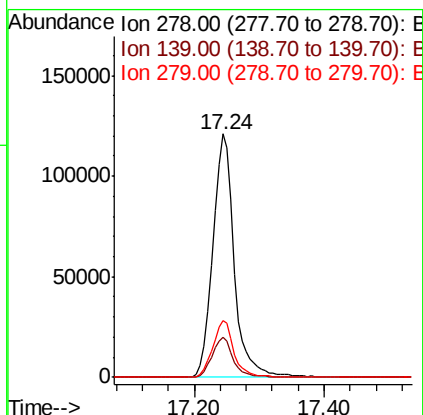
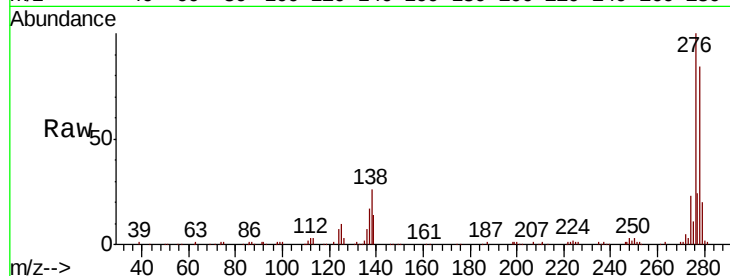




#91
Dibenzo(a,h)anthracene
Concen: 44.223 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 274789
Ion Ratio Lower Upper
278 100
139 16.4 12.7 19.1
279 23.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 45.707 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BF111087.D
Acq: 29 Nov 2018 13:08

Tgt Ion:276 Resp: 273838
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 21.0 16.0 24.0

