

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
 Data File : BF111037.D
 Acq On : 28 Nov 2018 4:49
 Operator : JU/SJ
 Sample : PB115099BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

Quant Time: Nov 28 06:11:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	50216	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	187389	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	74872	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	134234	20.00	ng	0.00
76) Chrysene-d12	14.13	240	107659	20.00	ng	0.00
87) Perylene-d12	15.67	264	70253	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	225303	74.40	ng	0.01
7) Phenol-d6	6.57	99	266782	67.61	ng	0.00
23) Nitrobenzene-d5	7.50	82	235529	71.93	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	48657	65.44	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	409702	79.28	ng	0.00
79) Terphenyl-d14	13.06	244	391993	70.88	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	41349	28.502	ng	89
3) Pyridine	3.61	79	104617	32.932	ng	# 84
4) n-Nitrosodimethylamine	3.57	42	52643	36.215	ng	# 88
6) Aniline	6.60	93	68111	13.962	ng	# 64
8) 2-Chlorophenol	6.72	128	121090	33.742	ng	94
9) Benzaldehyde	6.50	77	75241	34.362	ng	98
10) Phenol	6.58	94	142420	32.047	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	112523	33.608	ng	94
12) 1,3-Dichlorobenzene	6.87	146	128916	32.699	ng	99
13) 1,4-Dichlorobenzene	6.95	146	132604	32.708	ng	98
14) 1,2-Dichlorobenzene	7.10	146	122824	32.188	ng	98
15) Benzyl Alcohol	7.09	79	96792	31.917	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.20	45	171879	32.257	ng	82
17) 2-Methylphenol	7.19	107	90213	31.616	ng	# 87
18) Hexachloroethane	7.44	117	38627	25.901	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	81504	31.707	ng	96
20) 3+4-Methylphenols	7.35	107	120734	31.831	ng	# 48
22) Acetophenone	7.35	105	164584	37.471	ng	# 93
24) Nitrobenzene	7.52	77	116291	34.153	ng	97
25) Isophorone	7.76	82	209352	38.978	ng	96
26) 2-Nitrophenol	7.84	139	47772	28.878	ng	99
27) 2,4-Dimethylphenol	7.87	122	99162	39.693	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	133458	37.090	ng	98
29) 2,4-Dichlorophenol	8.09	162	85405	32.670	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	98789	33.720	ng	95
31) Naphthalene	8.24	128	315344	35.900	ng	100
32) Benzoic acid	7.99	122	34107	18.363	ng	94
33) 4-Chloroaniline	8.30	127	40710	10.889	ng	99
34) Hexachlorobutadiene	8.35	225	56609	33.925	ng	97
35) Caprolactam	8.66	113	24897	27.896	ng	# 83
36) 4-Chloro-3-methylphenol	8.78	107	87902	30.263	ng	93
37) 2-Methylnaphthalene	8.93	142	202380	34.882	ng	98
38) 1-Methylnaphthalene	9.03	142	185251	32.826	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	82825	35.166	ng	99

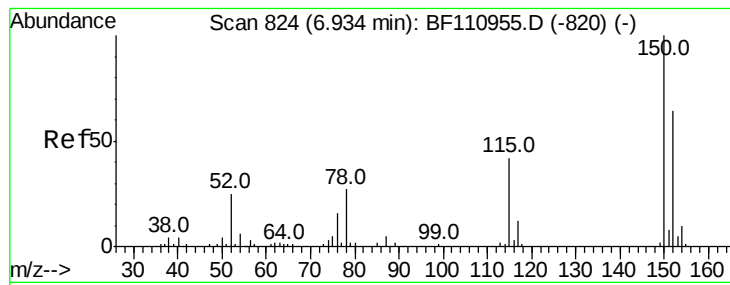
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	50979	36.241	nq	98
44) 2,4,5-Trichlorophenol	9.27	196	52438	35.403	nq	94
46) 1,1'-Biphenyl	9.40	154	236609	34.278	nq	99
47) 2-Chloronaphthalene	9.43	162	173119	34.590	nq	98
48) 2-Nitroaniline	9.53	65	54496	34.811	nq	93
49) Acenaphthylene	9.85	152	260754	36.639	nq	100
50) Dimethylphthalate	9.69	163	202890	36.949	nq	99
51) 2,6-Dinitrotoluene	9.77	165	38295	31.327	nq	93
52) Acenaphthene	10.01	154	156360	34.271	nq	98
53) 3-Nitroaniline	9.95	138	38117	26.753	nq	99
54) 2,4-Dinitrophenol	10.12	184	942	5.797	nq	# 1
55) Dibenzofuran	10.19	168	220146	33.075	nq	99
56) 4-Nitrophenol	10.12	139	42117	54.596	nq	92
57) 2,4-Dinitrotoluene	10.19	165	45437	28.649	nq	# 80
58) Fluorene	10.53	166	177219	34.222	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	43018	35.389	nq	95
60) Diethylphthalate	10.39	149	193545	34.180	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	84767	31.295	nq	99
62) 4-Nitroaniline	10.57	138	44685	33.684	nq	96
63) Azobenzene	10.67	77	172094	31.180	nq	96
65) 4,6-Dinitro-2-methylphenol	10.63	198	1011	1.592	nq	# 1
66) n-Nitrosodiphenylamine	10.64	169	153756	34.408	nq	98
67) 4-Bromophenyl-phenylether	11.01	248	47252	32.322	nq	96
68) Hexachlorobenzene	11.09	284	51267	32.924	nq	95
69) Atrazine	11.16	200	49890	39.507	nq	97
70) Pentachlorophenol	11.29	266	38165	61.605	nq	98
71) Phenanthrene	11.50	178	258279	36.329	nq	99
72) Anthracene	11.56	178	274732	37.945	nq	98
73) Carbazole	11.72	167	245709	34.964	nq	98
74) Di-n-butylphthalate	12.02	149	297715	36.234	nq	99
75) Fluoranthene	12.70	202	290621	39.773	nq	98
77) Benzidine	12.82	184	190792	69.286	nq	96
78) Pyrene	12.93	202	293960	37.385	nq	97
80) Butylbenzylphthalate	13.52	149	137043	38.603	nq	99
81) Benzo(a)anthracene	14.12	228	233201	36.690	nq	100
82) 3,3'-Dichlorobenzidine	14.08	252	76978	35.321	nq	98
83) Chrysene	14.16	228	215957	34.515	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	190802	40.335	nq	98
85) Di-n-octyl phthalate	14.69	149	309542	41.455	nq	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	150789	33.574	nq	99
88) Benzo(b)fluoranthene	15.21	252	159410	38.625	nq	99
89) Benzo(k)fluoranthene	15.24	252	157419	37.058	nq	98
90) Benzo(a)pyrene	15.61	252	144070	37.502	nq	97
91) Dibenzo(a,h)anthracene	17.26	278	125195	39.498	nq	99
92) Benzo(g,h,i)perylene	17.76	276	123004	40.248	nq	96

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

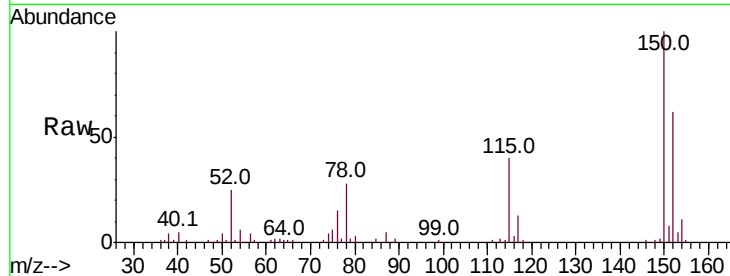


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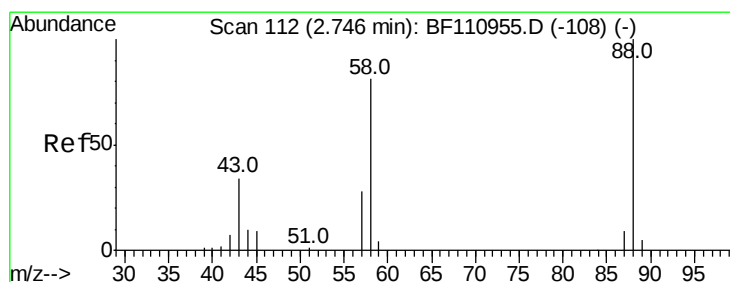
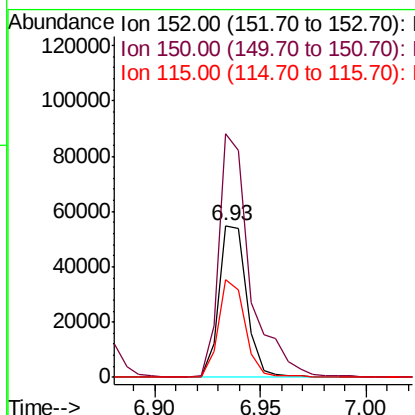
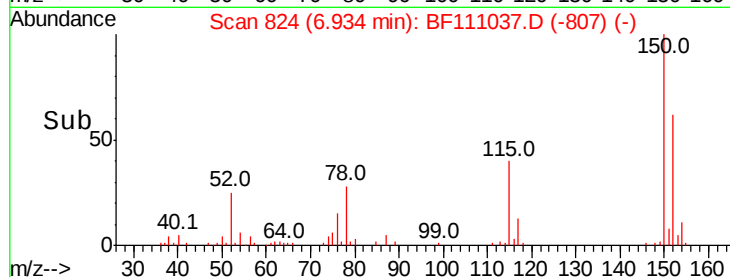
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

Tot Ion:152 Resp: 50216
 Ion Ratio Lower Upper
 152 100
 150 160.3 122.7 184.1
 115 64.4 49.1 73.7



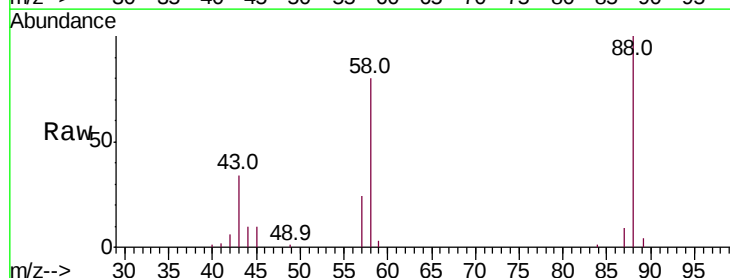
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



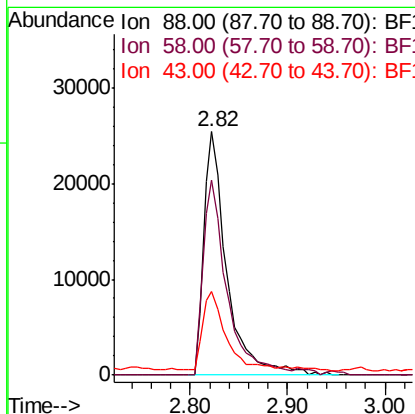
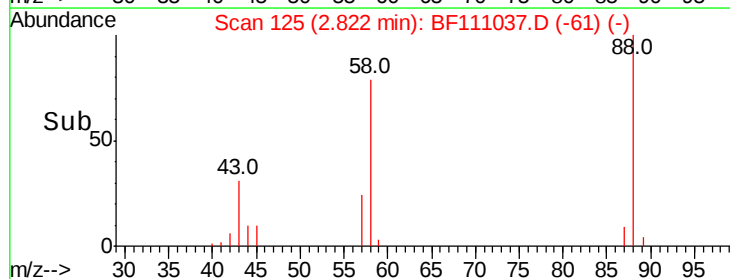
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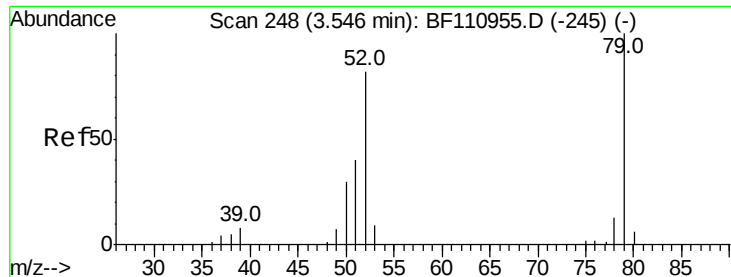
1,4-Dioxane
 Concen: 28.502 ng
 RT: 2.82 min Scan# 125
 Delta R.T. 0.08 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion: 88 Resp: 41349
 Ion Ratio Lower Upper
 88 100
 58 83.1 57.1 85.7
 43 32.3 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

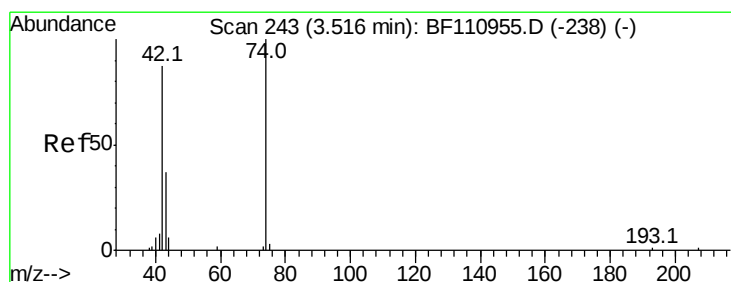
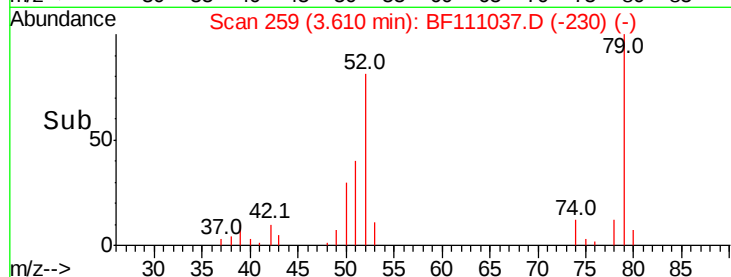
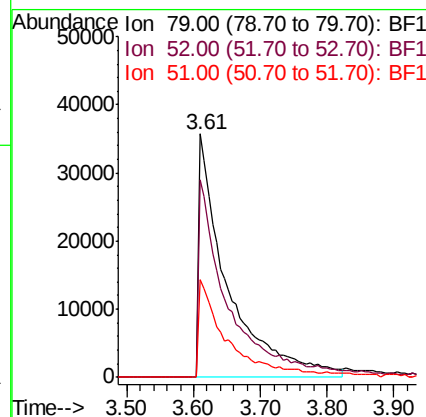
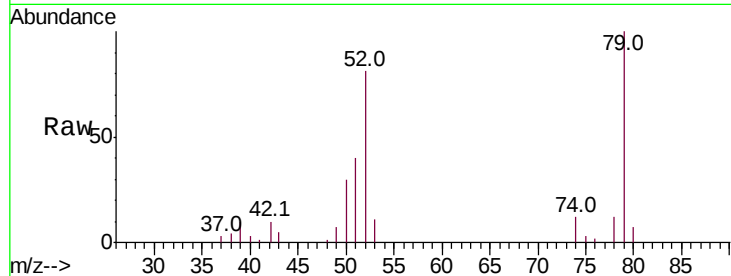




#3
 Pvridine
 Concen: 32.932 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.07 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

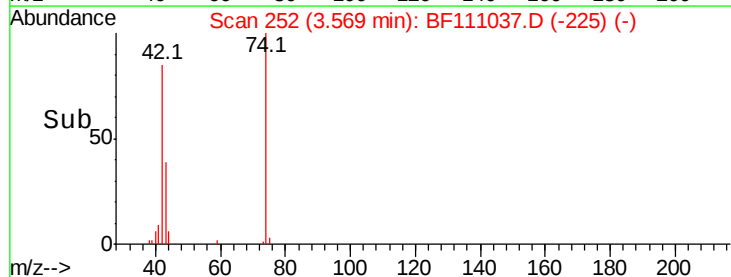
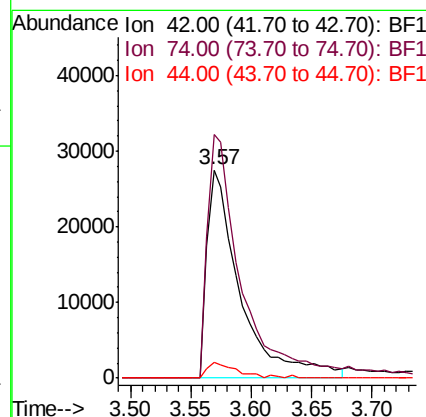
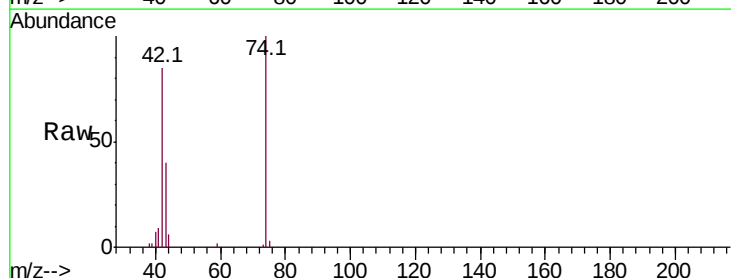
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

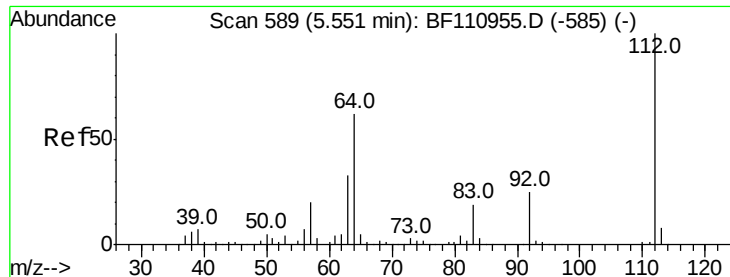
Tot Ion: 79 Resp: 104617
 Ion Ratio Lower Upper
 79 100
 52 81.3 53.1 79.7#
 51 40.3 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 36.215 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.06 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion: 42 Resp: 52643
 Ion Ratio Lower Upper
 42 100
 74 117.0 105.5 158.3
 44 7.6 4.9 7.3#





#5

2-Fluorophenol

Concen: 74.403 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

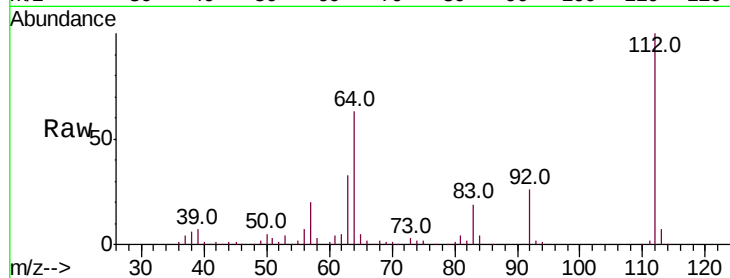
Tot Ion:112 Resp: 225303

Ion Ratio Lower Upper

112 100

64 62.7 44.1 66.1

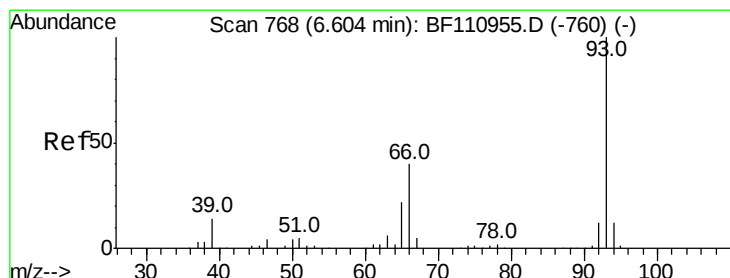
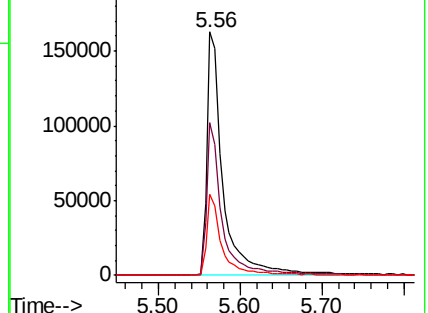
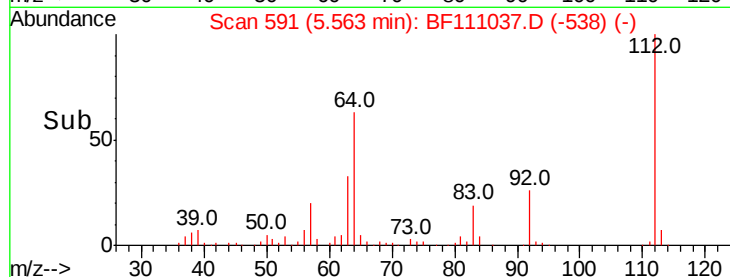
63 33.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.962 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

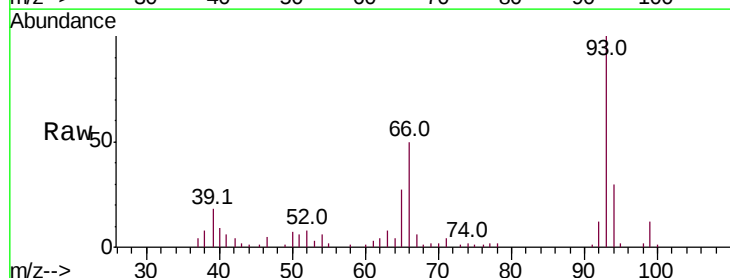
Tgt Ion: 93 Resp: 68111

Ion Ratio Lower Upper

93 100

66 49.8 67.4 101.0#

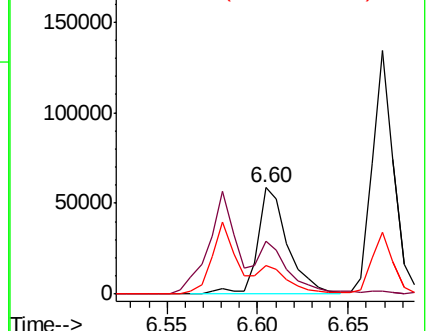
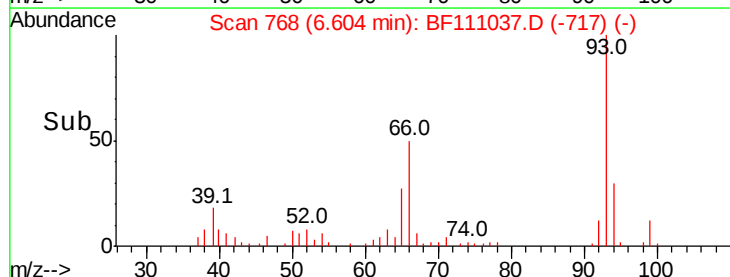
65 27.3 41.0 61.4#

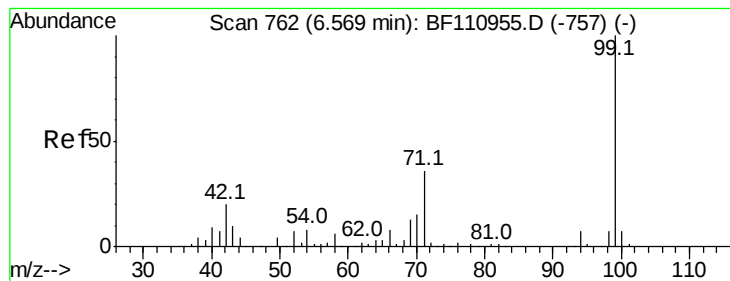


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 67.605 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

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PB115099BS

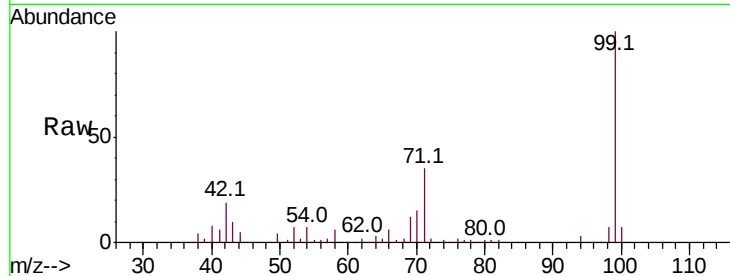
Tot Ion: 99 Resp: 266782

Ion Ratio Lower Upper

99 100

42 19.4 15.8 23.6

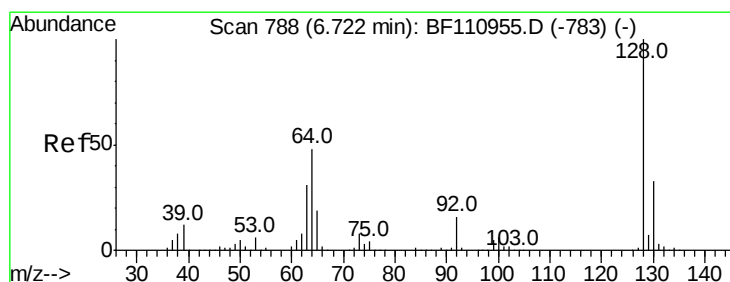
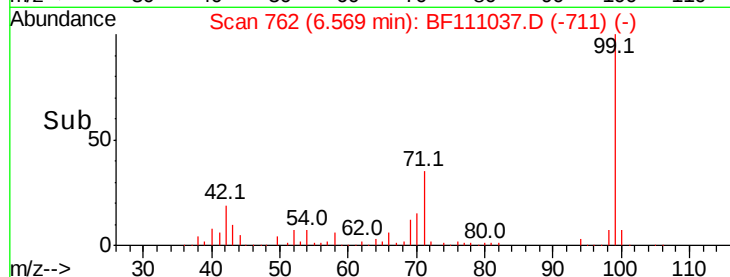
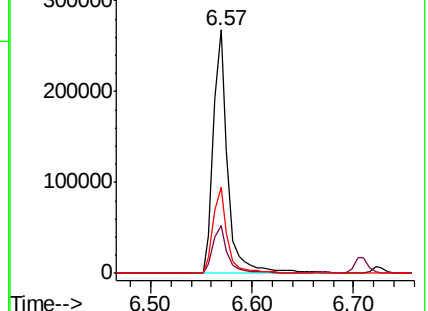
71 35.2 28.0 42.0



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: 33.742 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

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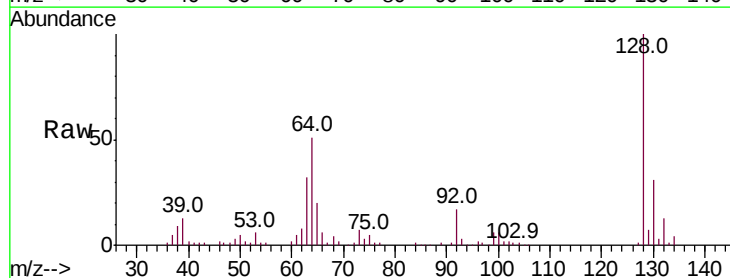
Tgt Ion: 128 Resp: 121090

Ion Ratio Lower Upper

128 100

130 31.4 13.1 53.1

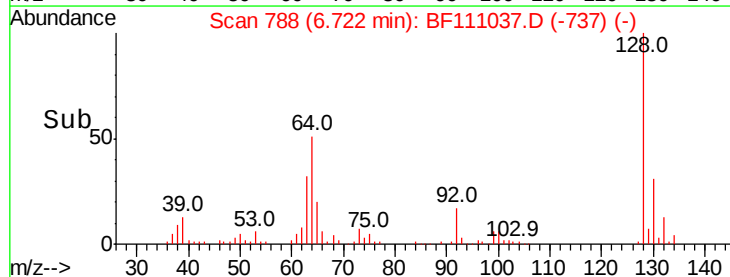
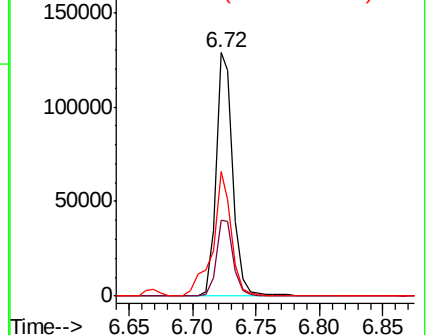
64 51.0 26.0 66.0

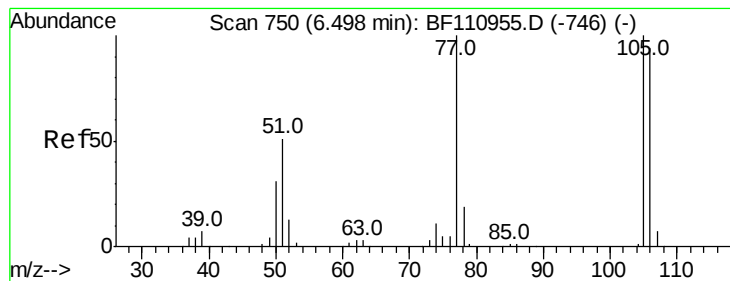


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 34.362 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

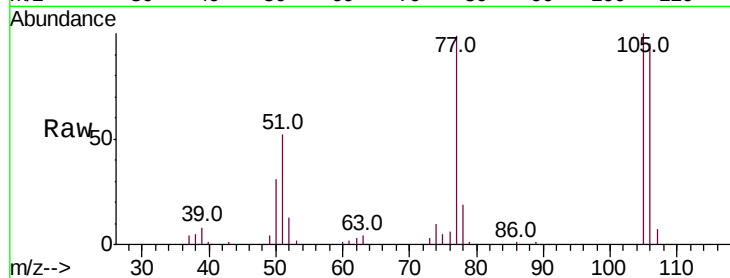
Tot Ion: 77 Resp: 75241

Ion Ratio Lower Upper

77 100

105 101.2 78.6 118.6

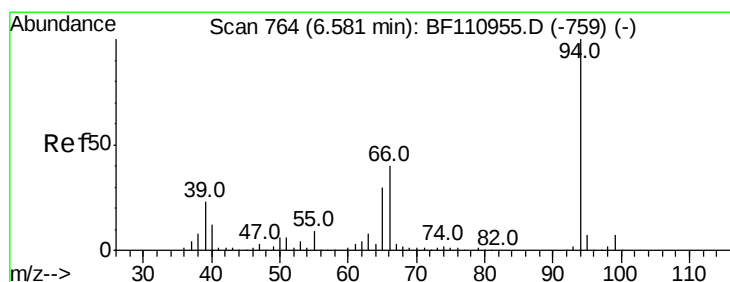
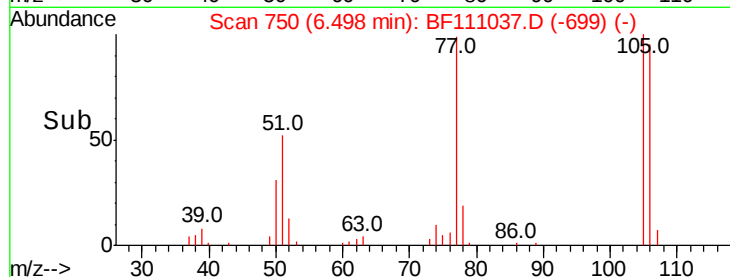
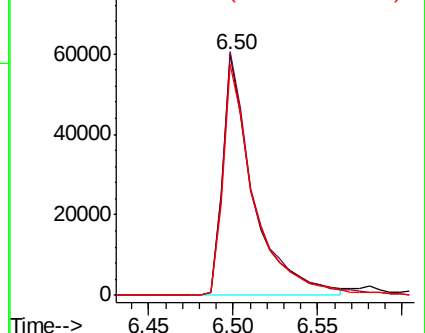
106 95.9 74.8 114.8



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: 32.047 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

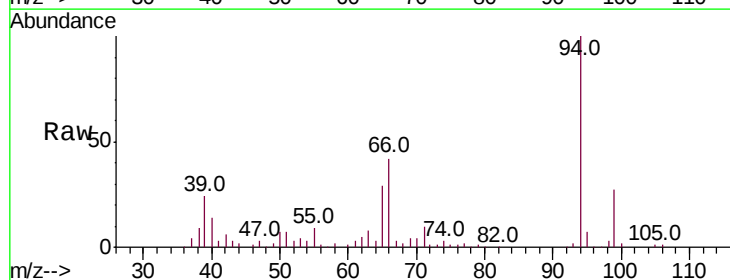
Tgt Ion: 94 Resp: 142420

Ion Ratio Lower Upper

94 100

65 29.4 25.3 65.3

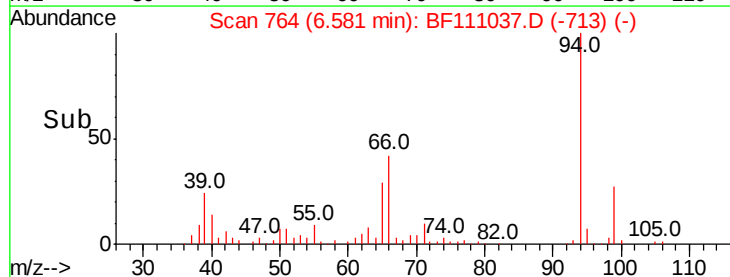
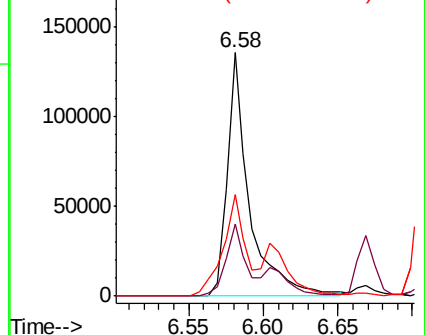
66 41.8 54.5 94.5#

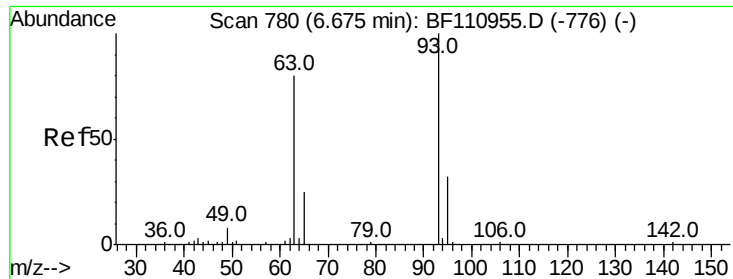


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.608 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

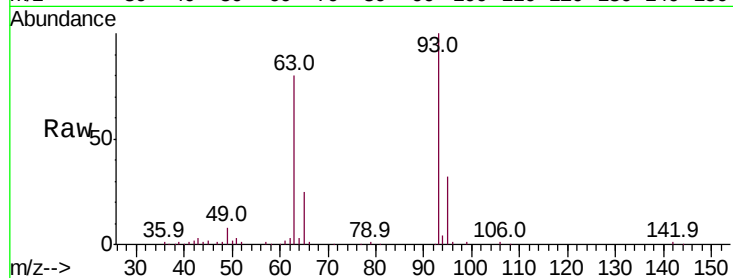
Tot Ion: 93 Resp: 112523

Ion Ratio Lower Upper

93 100

63 80.0 53.4 93.4

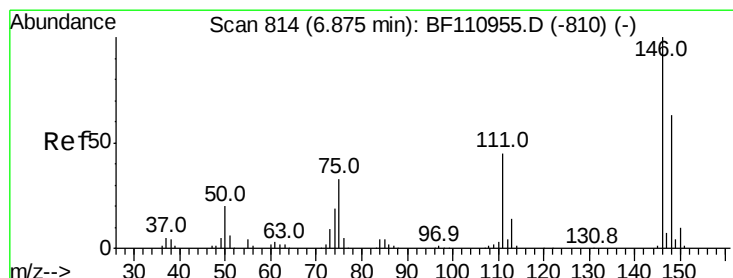
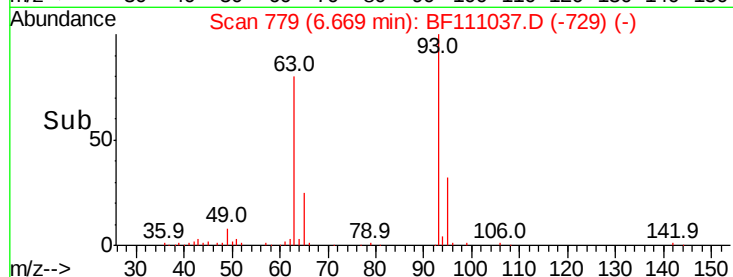
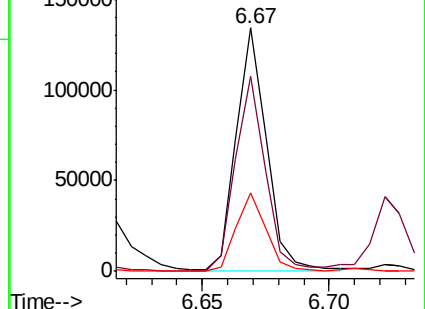
95 32.5 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 32.699 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

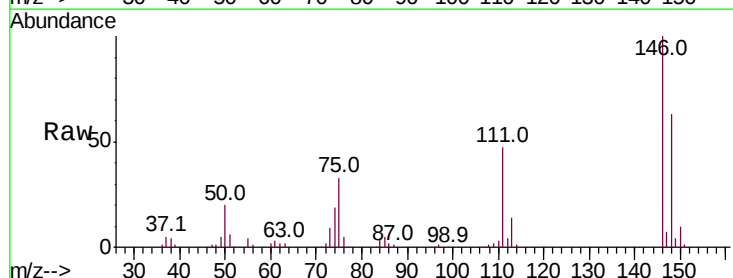
Tgt Ion: 146 Resp: 128916

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

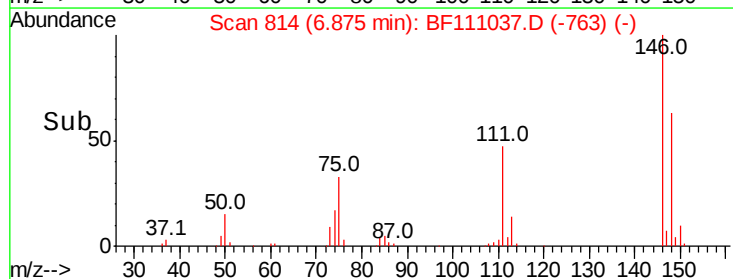
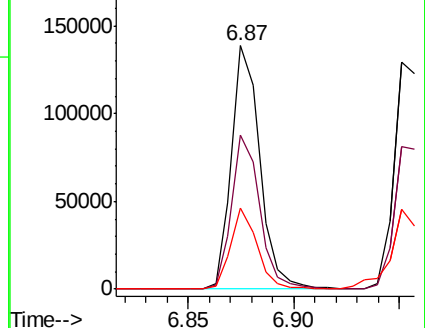
75 33.3 25.8 38.6

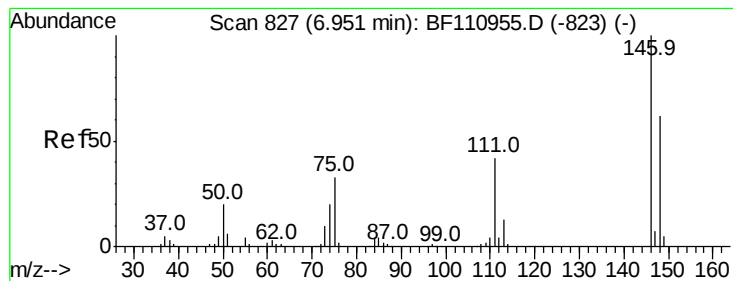


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 32.708 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

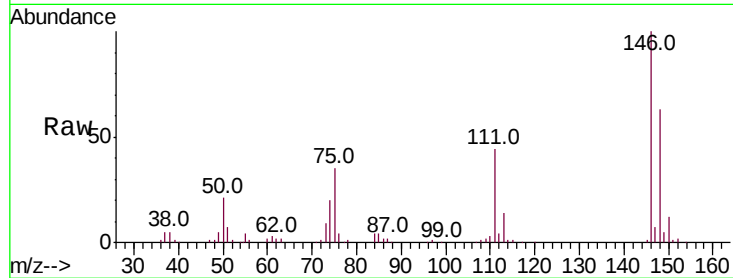
Tot Ion:146 Resp: 132604

Ion Ratio Lower Upper

146 100

148 62.7 50.3 75.5

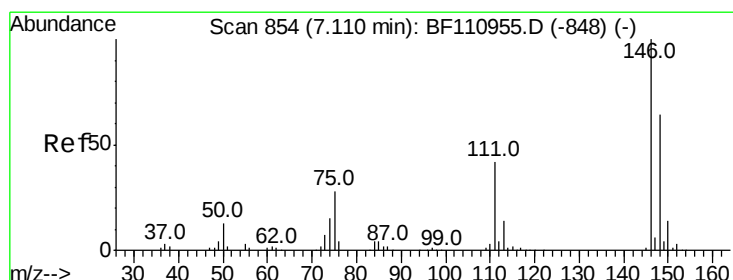
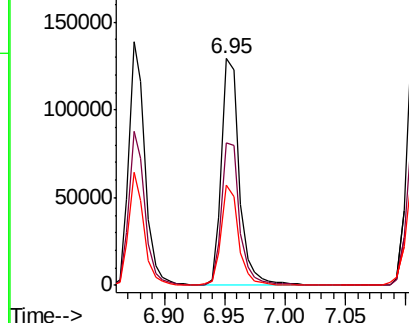
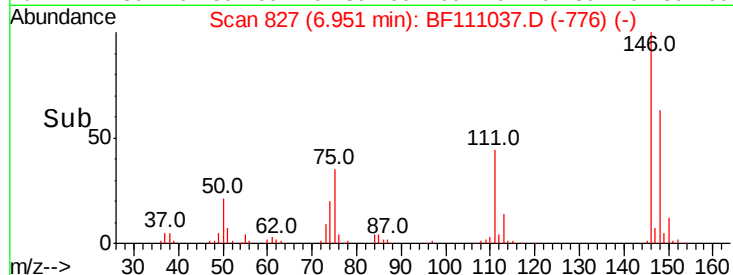
111 44.3 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.188 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

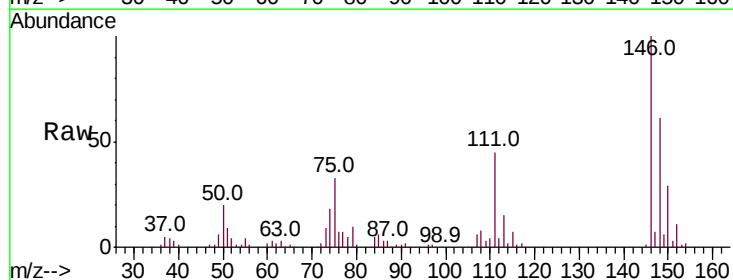
Tgt Ion:146 Resp: 122824

Ion Ratio Lower Upper

146 100

148 61.2 51.1 76.7

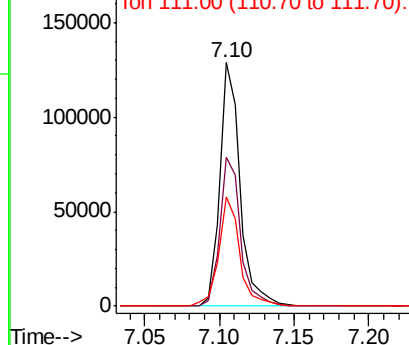
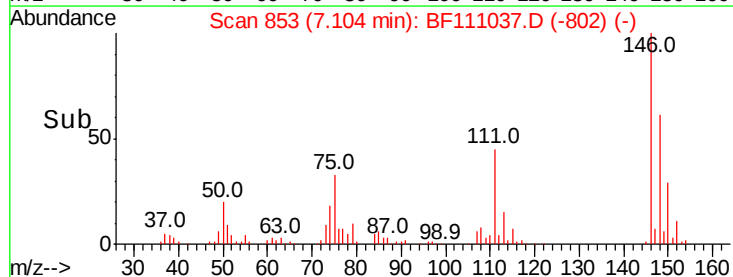
111 44.9 35.8 53.6

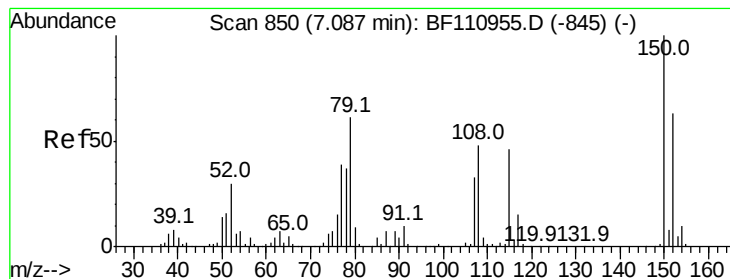


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.917 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleID :

PB115099BS

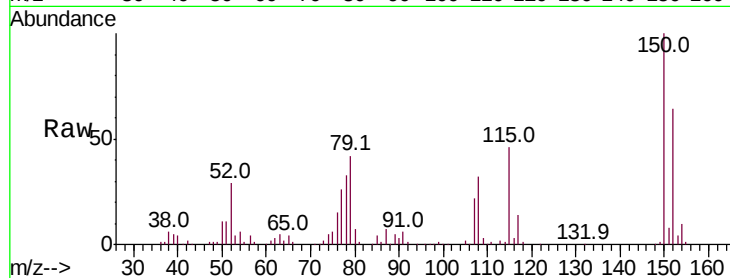
Tot Ion: 79 Resp: 96792

Ion Ratio Lower Upper

79 100

108 77.1 56.3 84.5

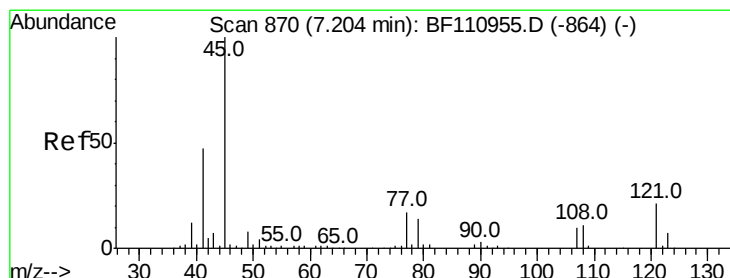
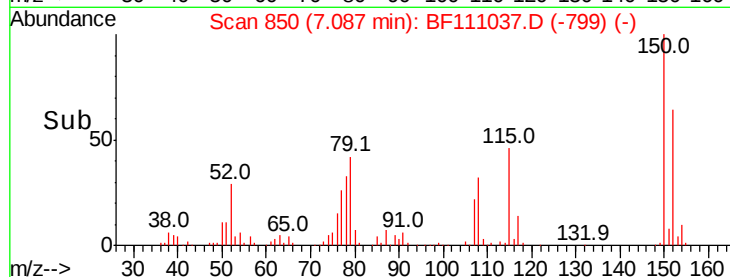
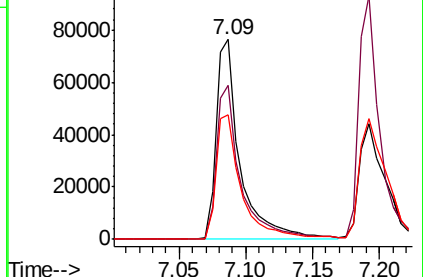
77 62.5 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.257 ng

RT: 7.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

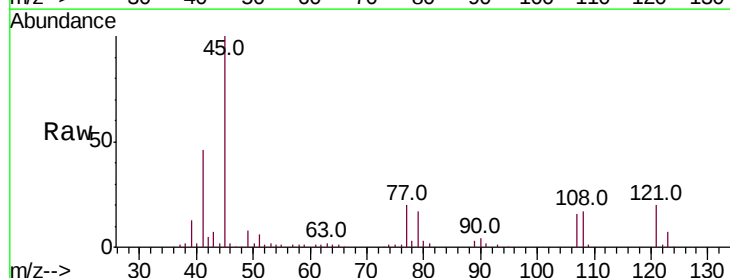
Tgt Ion: 45 Resp: 171879

Ion Ratio Lower Upper

45 100

77 19.8 10.0 50.0

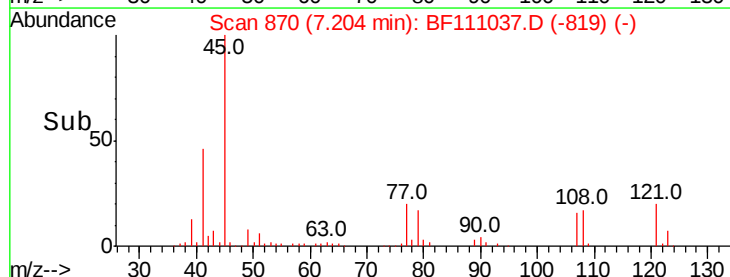
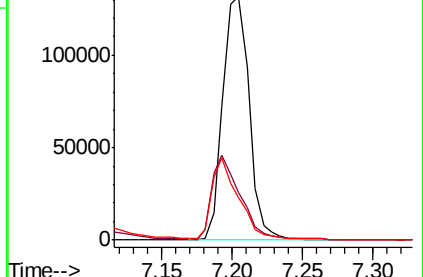
79 17.3 6.1 46.1

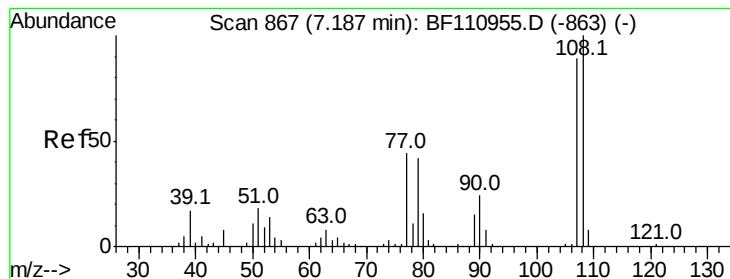


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 31.616 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

Tot Ion:107 Resp: 90213

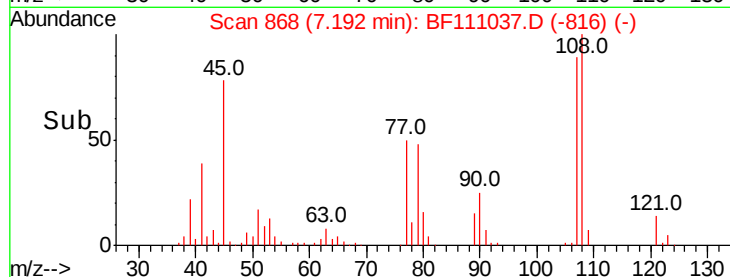
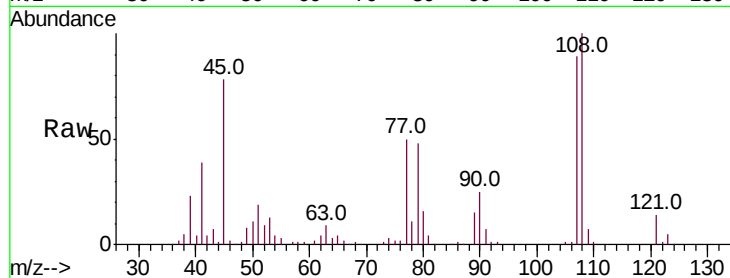
Ion Ratio Lower Upper

107 100

108 112.0 92.6 138.8

77 55.6 59.4 89.2#

79 53.4 54.0 81.0#

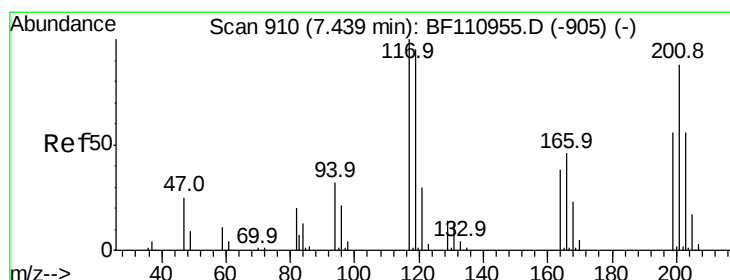
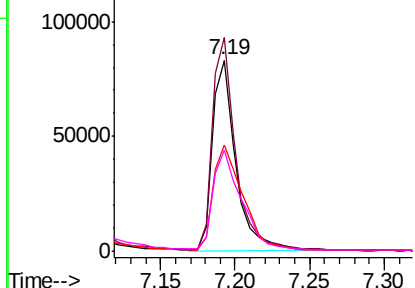


Abundance Ion 107.00 (106.70 to 107.70): E

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: 25.901 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

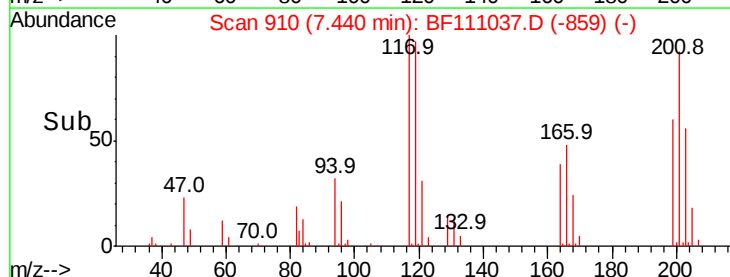
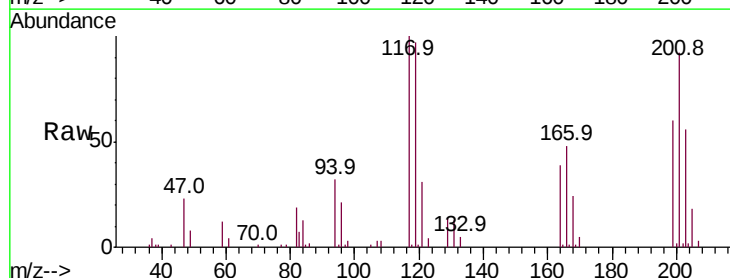
Tgt Ion:117 Resp: 38627

Ion Ratio Lower Upper

117 100

119 97.3 75.0 112.6

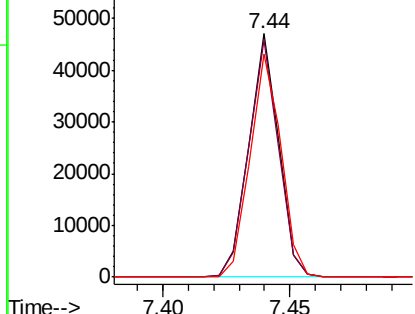
201 91.7 79.2 118.8

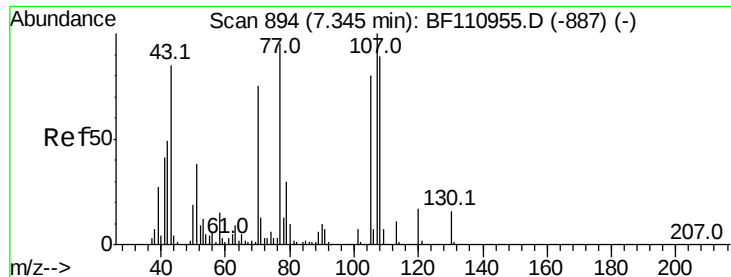


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

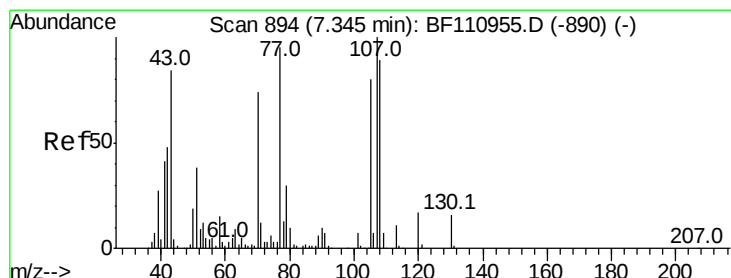
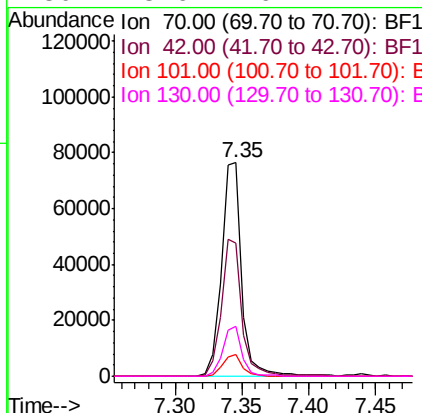
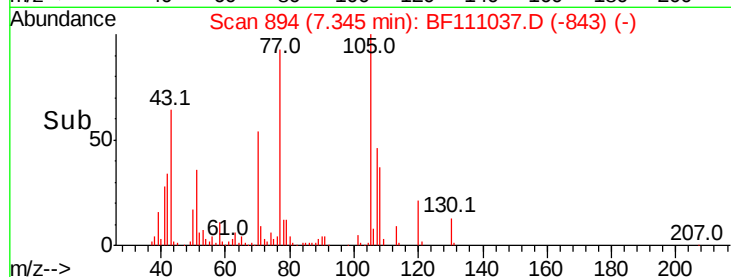
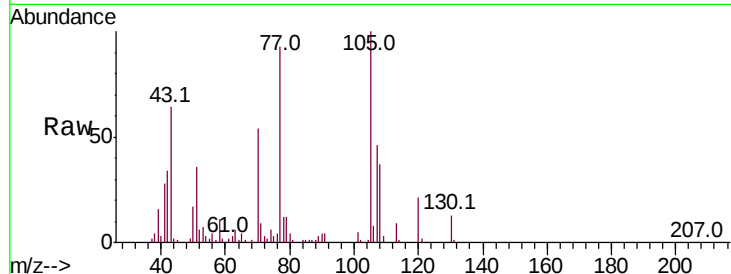




#19
n-Nitroso-di-n-propylamine
Concen: 31.707 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

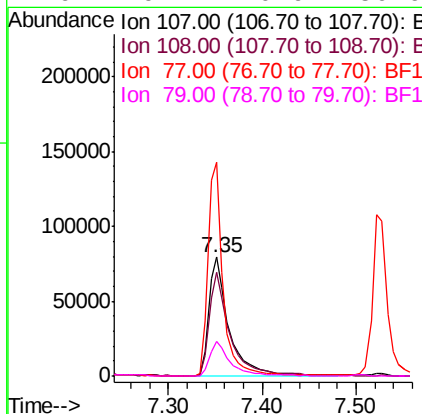
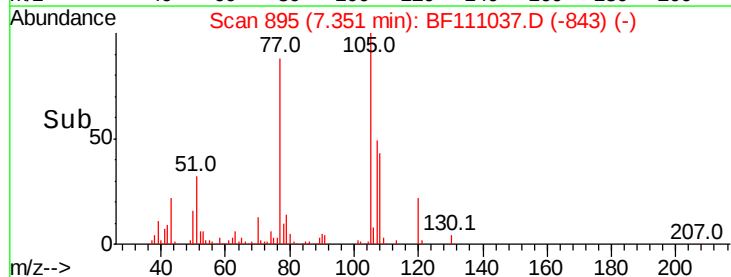
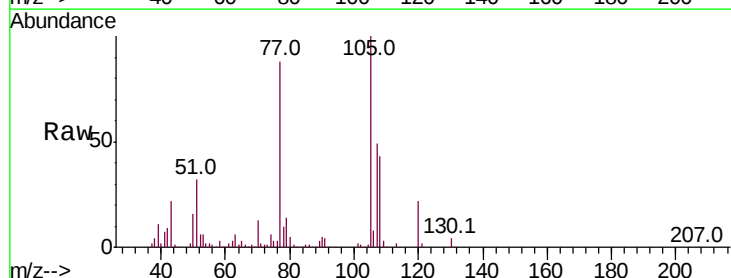
Instrument :
BNA_F
ClientSampleId :
PB115099BS

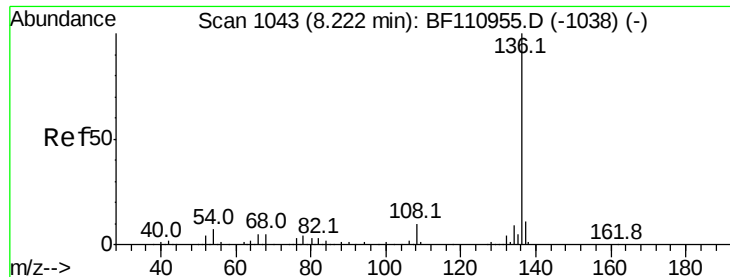
Tot Ion: 70 Resp: 81504
Ion Ratio Lower Upper
70 100
42 62.1 47.4 71.2
101 10.1 7.3 10.9
130 23.6 16.2 24.2



#20
3+4-Methylphenols
Concen: 31.831 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion:107 Resp: 120734
Ion Ratio Lower Upper
107 100
108 87.7 71.4 111.4
77 180.2 47.3 87.3#
79 29.1 10.9 50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

Tot Ion:136 Resp: 187389

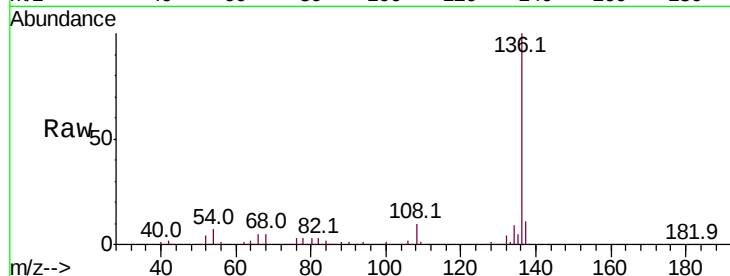
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.4 5.4 8.2

68 4.6 4.2 6.2

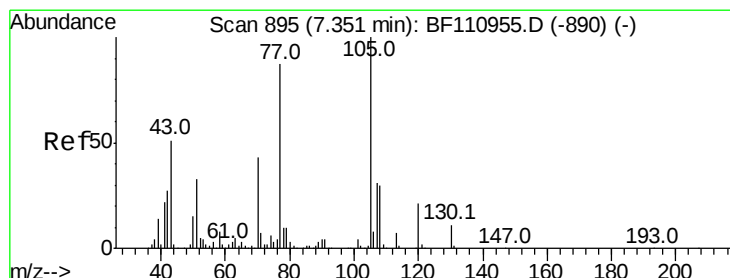
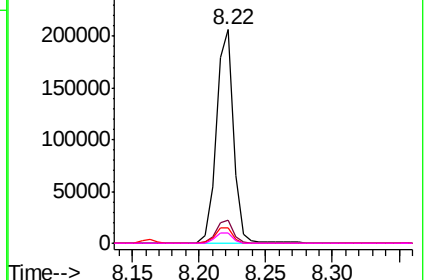
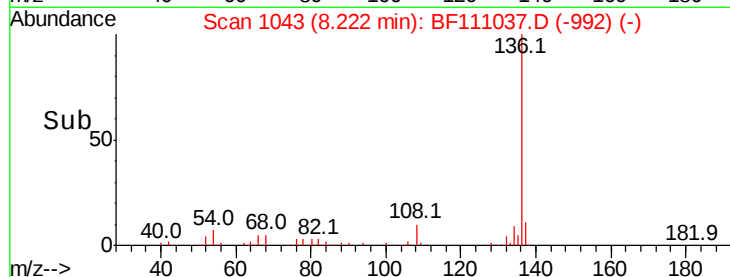


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.471 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Tgt Ion:105 Resp: 164584

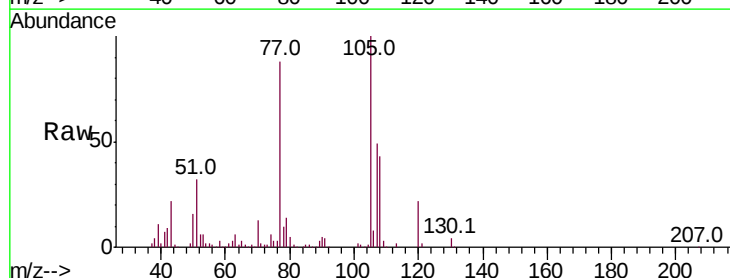
Ion Ratio Lower Upper

105 100

71 2.2 5.2 7.8#

51 32.2 21.8 32.8

120 21.7 17.0 25.4

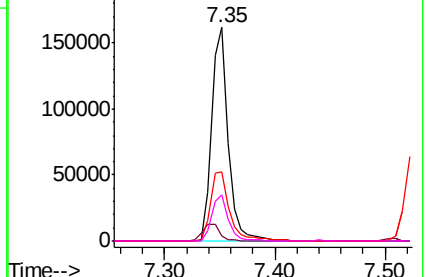
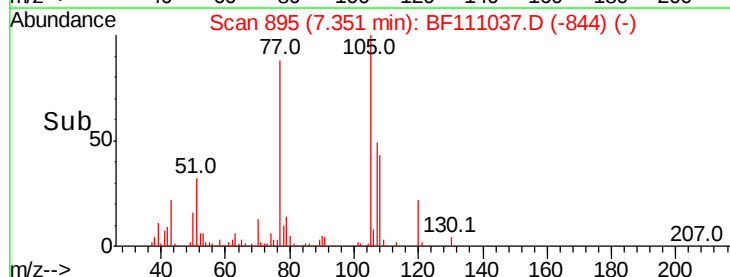


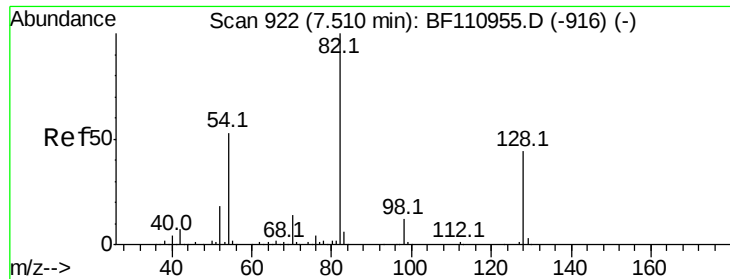
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

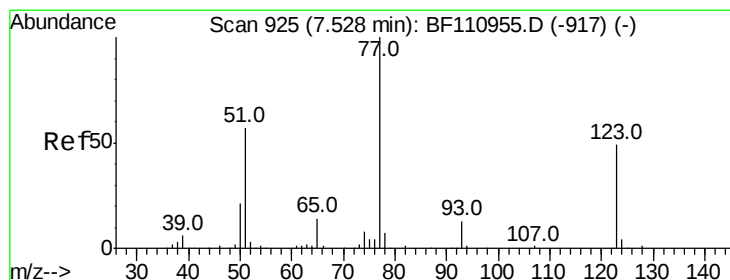
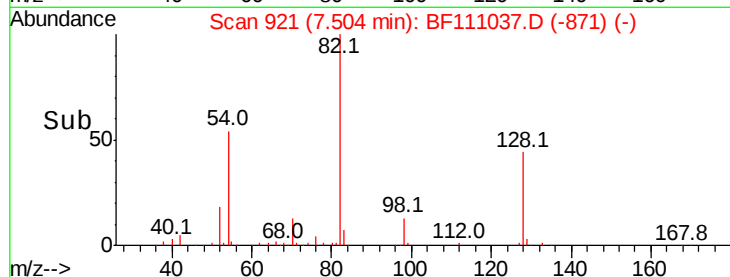
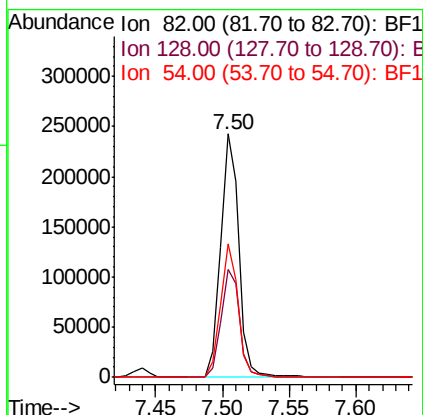
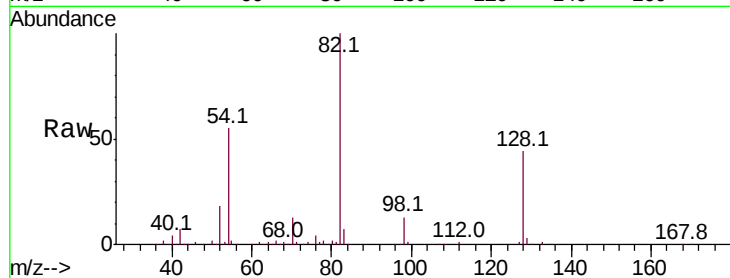




#23
Nitrobenzene-d5
Concen: 71.933 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

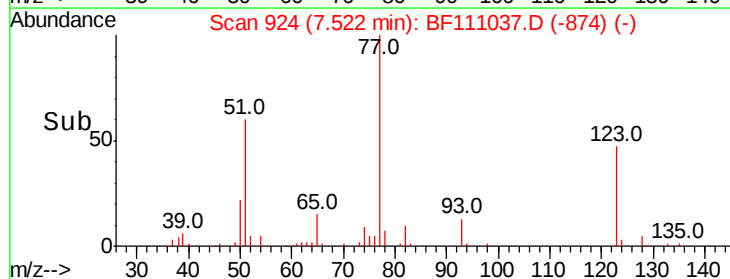
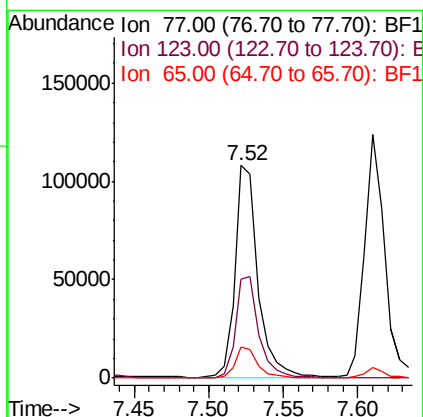
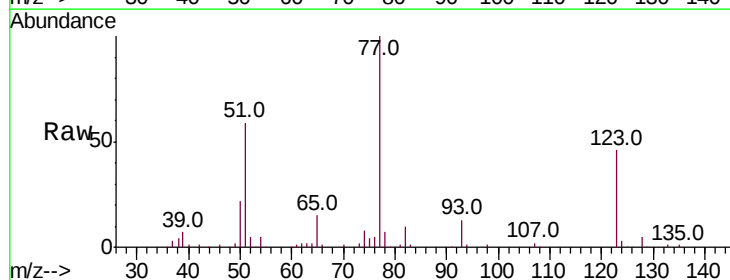
Instrument :
BNA_F
ClientSampleId :
PB115099BS

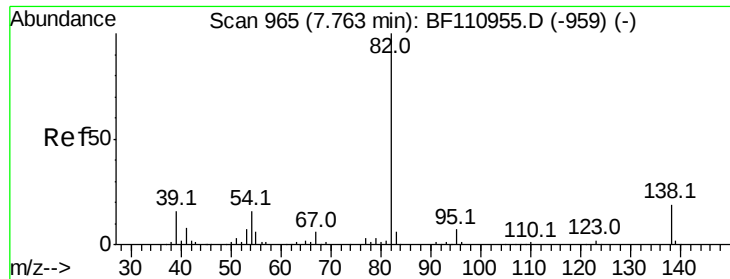
Tot Ion	82	Resp	23529
Ion Ratio	Lower	Upper	
82	100		
128	44.1	34.2	51.2
54	54.6	38.6	58.0



#24
Nitrobenzene
Concen: 34.153 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion	77	Resp	116291
Ion Ratio	Lower	Upper	
77	100		
123	46.3	35.7	53.5
65	14.6	10.7	16.1





#25

Isophorone

Concen: 38.978 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

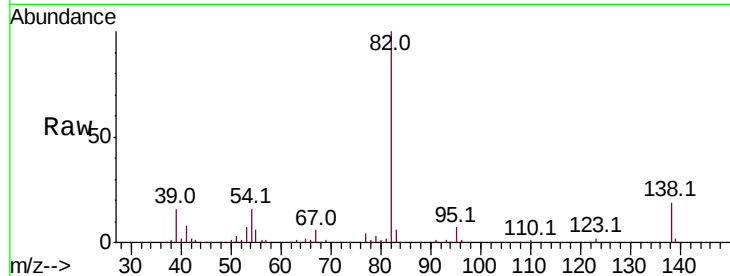
Tot Ion: 82 Resp: 209352

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

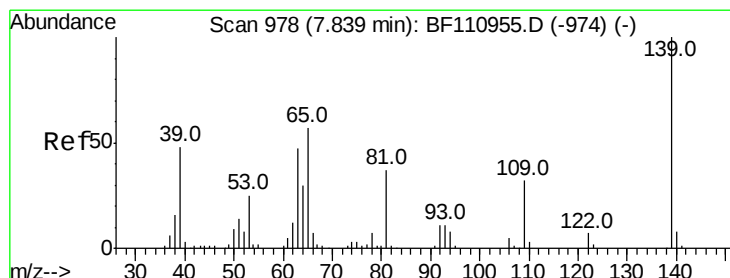
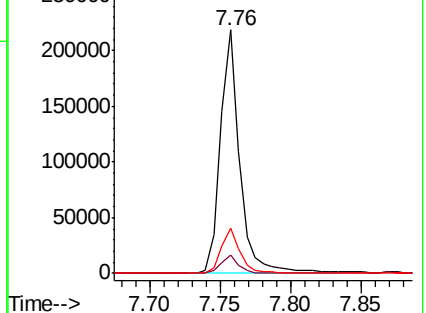
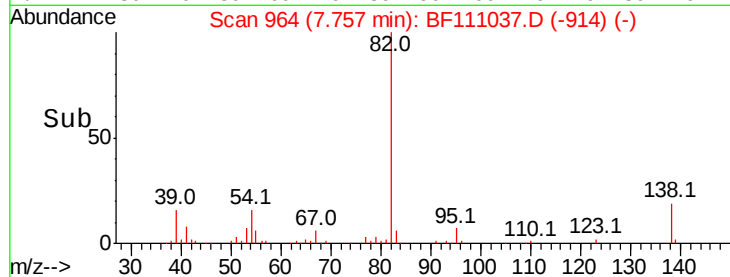
138 18.6 13.2 19.8



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: 28.878 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

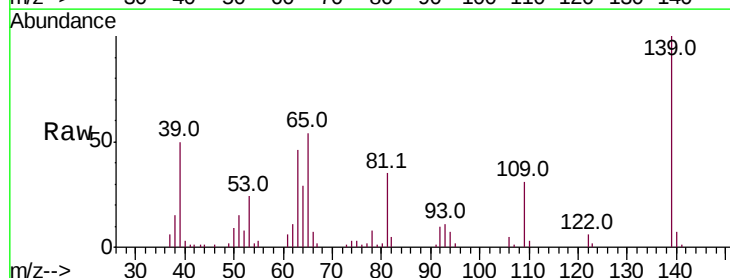
Tgt Ion: 139 Resp: 47772

Ion Ratio Lower Upper

139 100

109 31.2 25.0 37.6

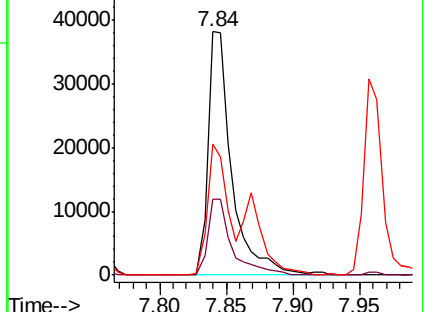
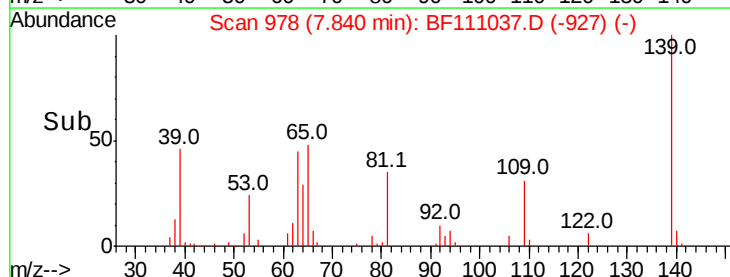
65 53.6 44.0 66.0

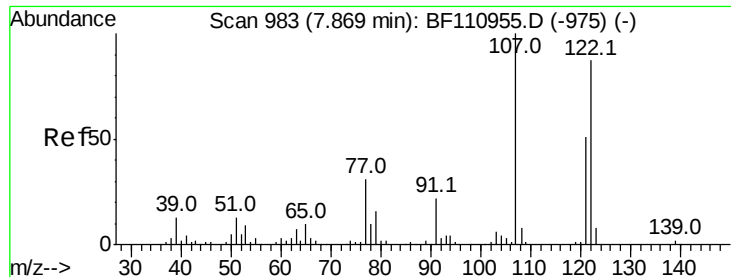


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

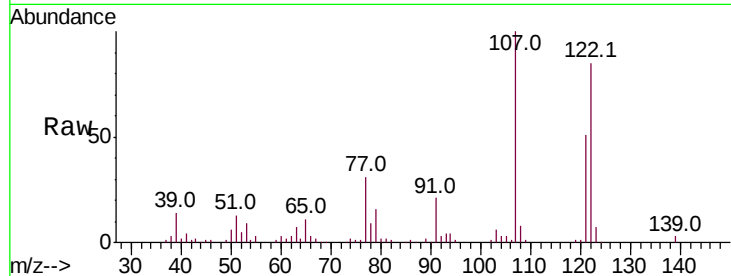




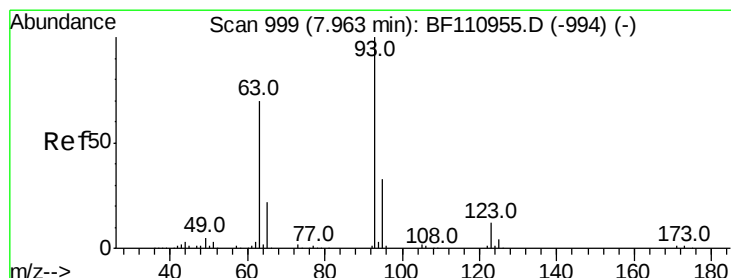
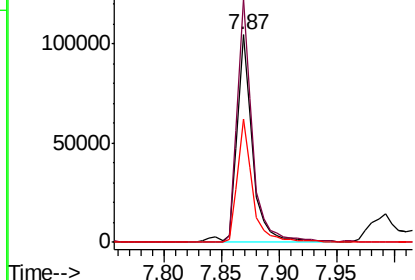
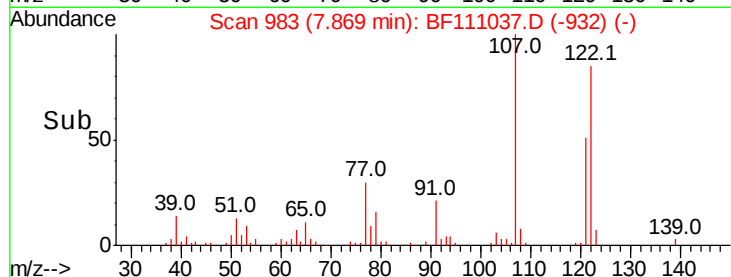
#27
2,4-Dimethylphenol
Concen: 39.693 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

Tot Ion:122 Resp: 99162
Ion Ratio Lower Upper
122 100
107 117.2 92.5 138.7
121 59.5 45.8 68.8

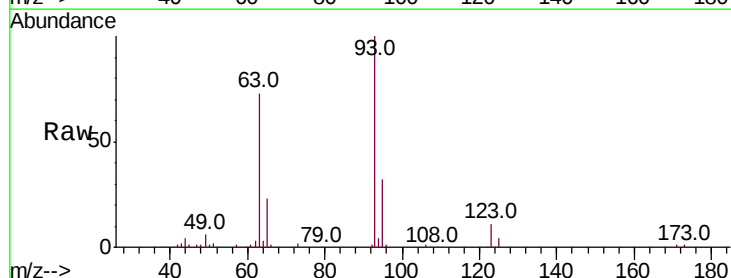


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

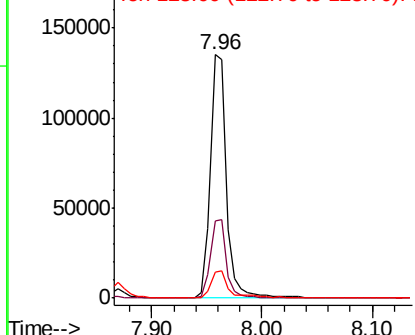
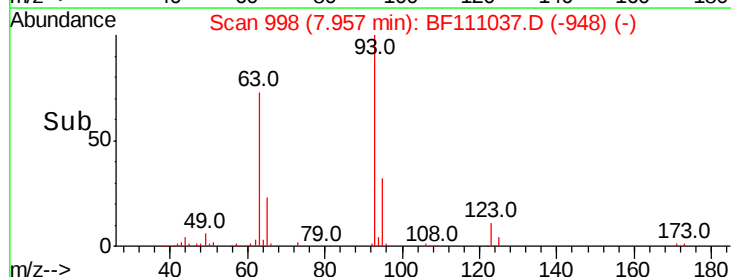


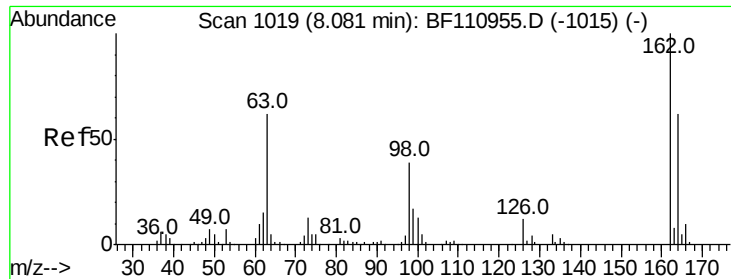
#28
bis(2-Chloroethoxy)methane
Concen: 37.090 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion: 93 Resp: 133458
Ion Ratio Lower Upper
93 100
95 31.8 26.4 39.6
123 10.7 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

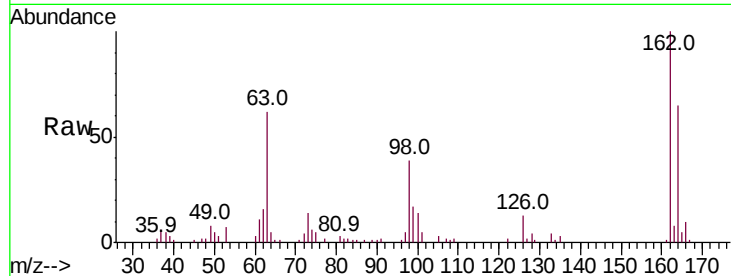




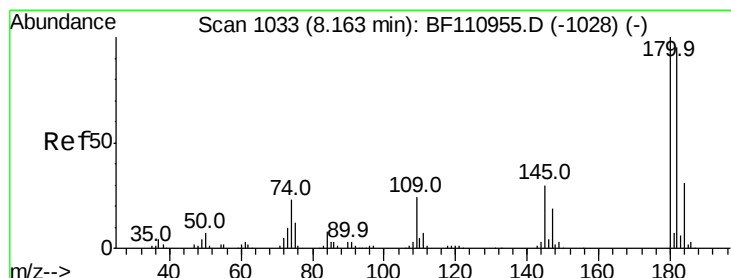
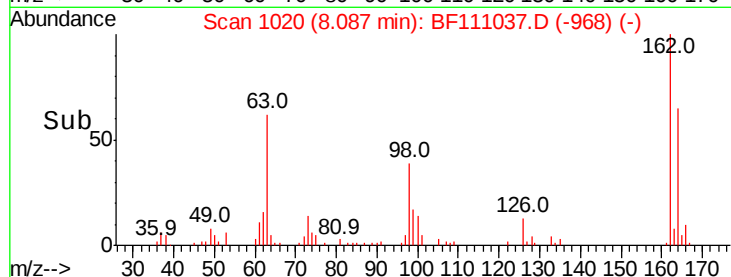
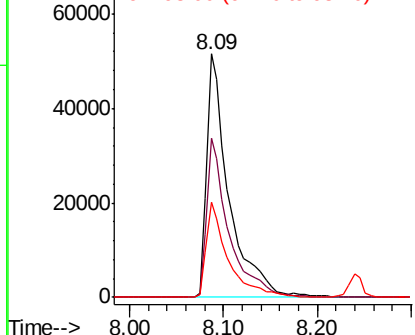
#29
 2,4-Dichlorophenol
 Concen: 32.670 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

Tot Ion:162 Resp: 85405
 Ion Ratio Lower Upper
 162 100
 164 65.3 44.6 84.6
 98 38.9 17.4 57.4

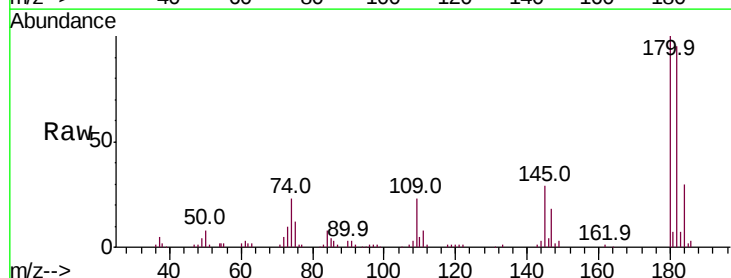


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

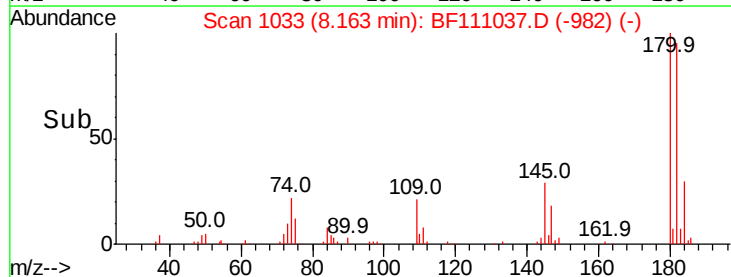
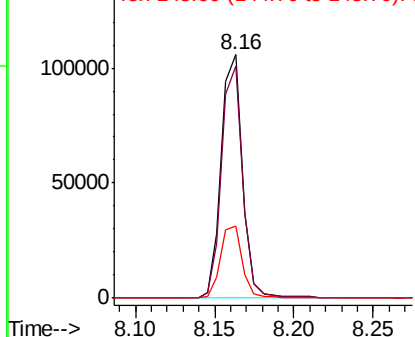


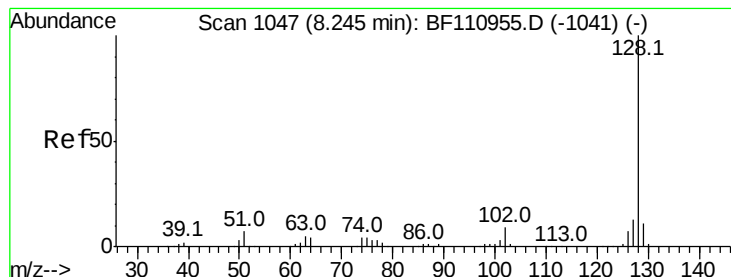
#30
 1,2,4-Trichlorobenzene
 Concen: 33.720 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion:180 Resp: 98789
 Ion Ratio Lower Upper
 180 100
 182 95.3 80.3 120.5
 145 29.4 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: 35.900 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

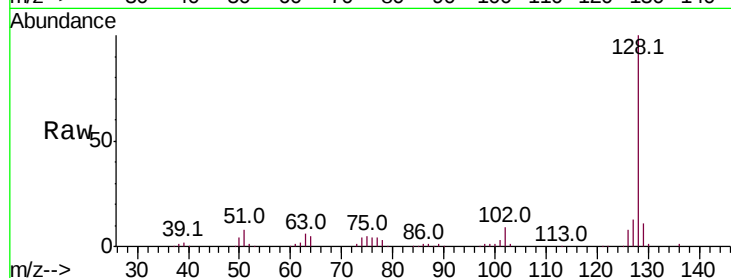
Tot Ion:128 Resp: 315344

Ion Ratio Lower Upper

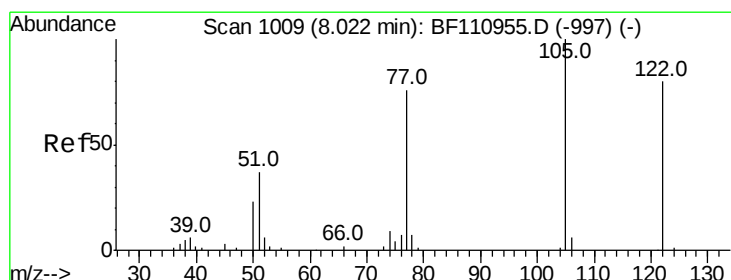
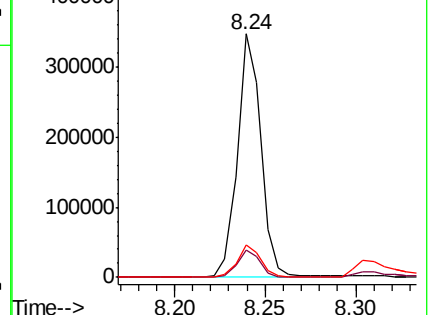
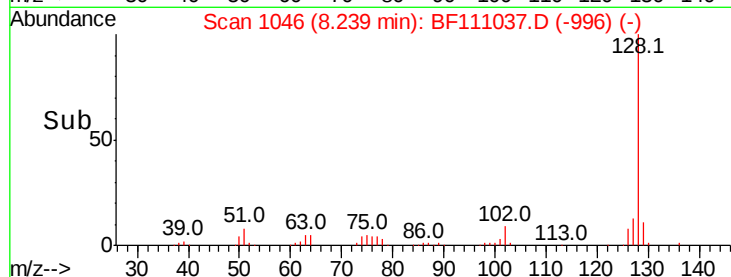
128 100

129 11.2 8.8 13.2

127 13.4 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: 18.363 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

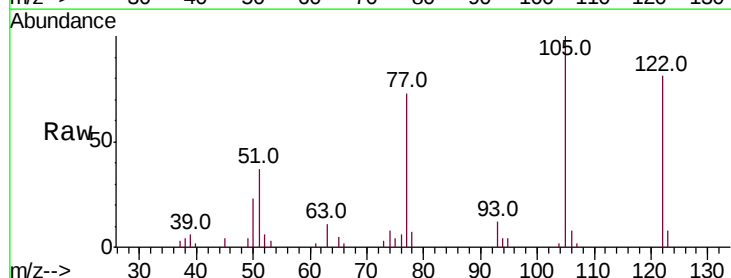
Tgt Ion:122 Resp: 34107

Ion Ratio Lower Upper

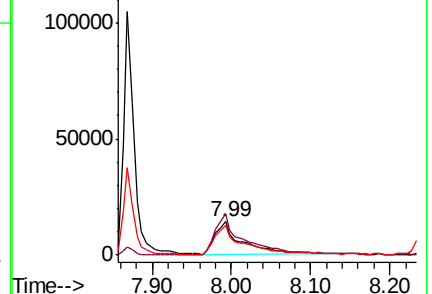
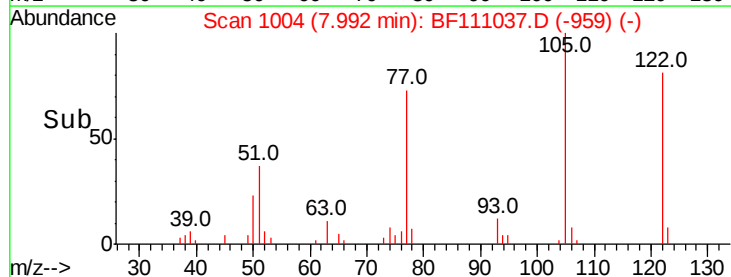
122 100

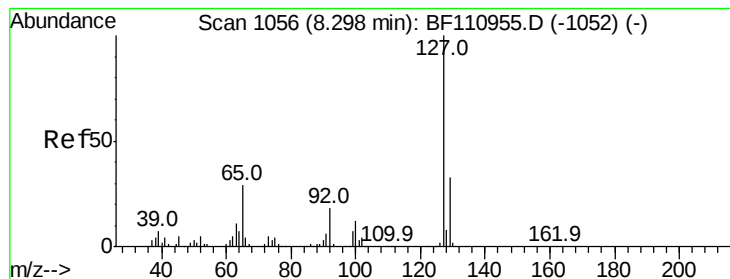
105 123.7 109.0 149.0

77 90.6 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: 10.889 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

Tot Ion:127 Resp: 40710

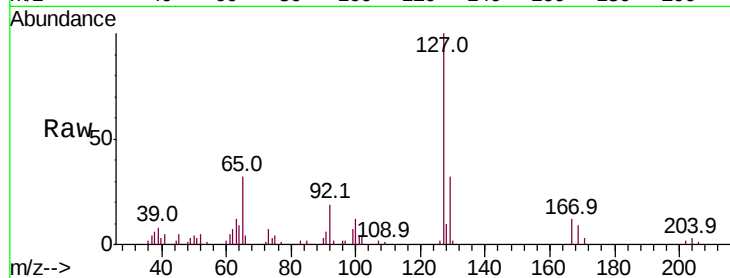
Ion Ratio Lower Upper

127 100

129 31.9 26.0 39.0

65 32.0 25.1 37.7

92 18.6 15.0 22.6

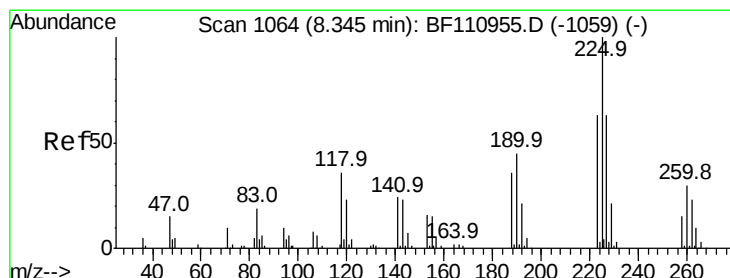
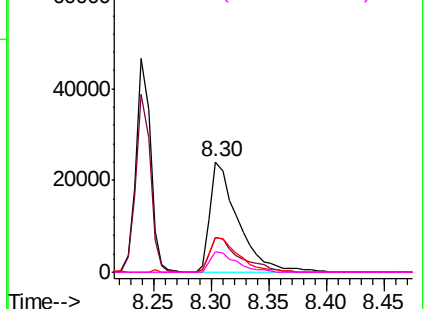
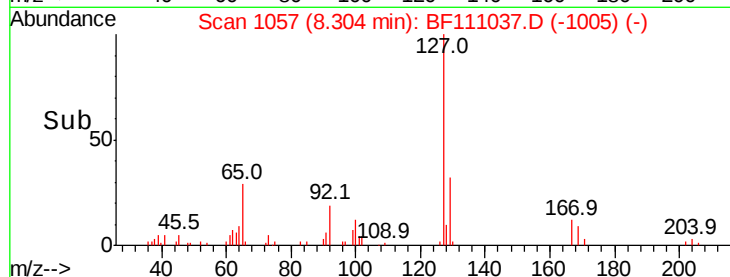


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 33.925 ng

RT: 8.35 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

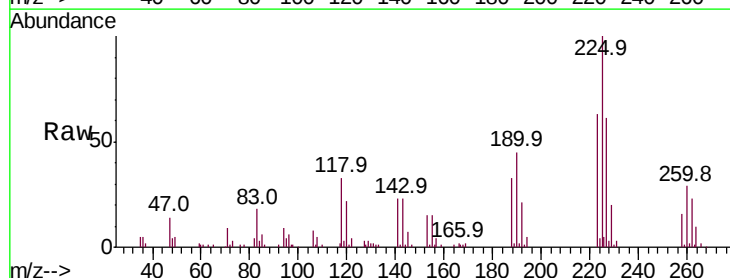
Tgt Ion:225 Resp: 56609

Ion Ratio Lower Upper

225 100

223 62.6 51.4 77.2

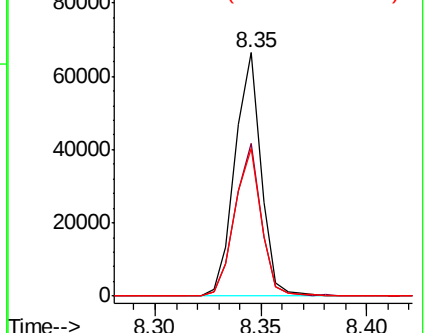
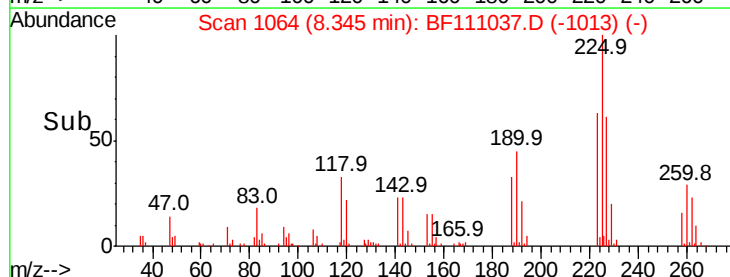
227 60.7 51.0 76.6

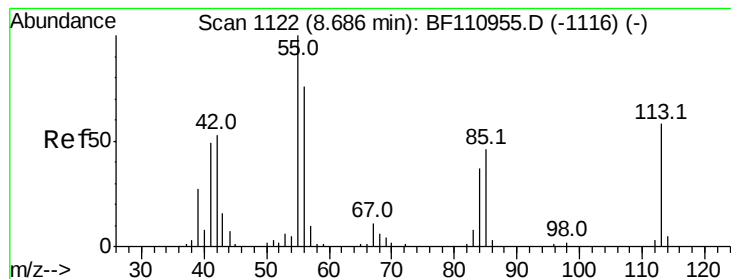


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.896 ng

RT: 8.66 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

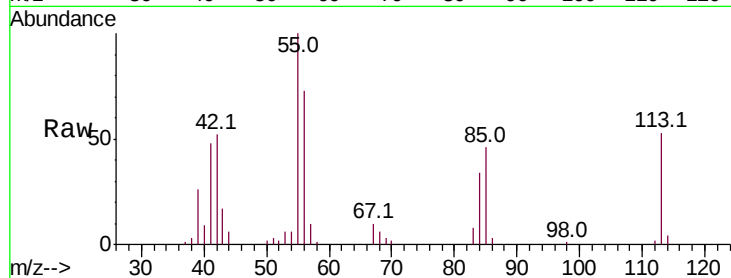
Tot Ion:113 Resp: 24897

Ion Ratio Lower Upper

113 100

55 190.5 142.8 182.8#

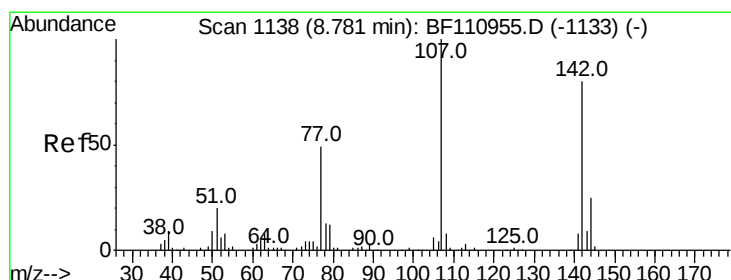
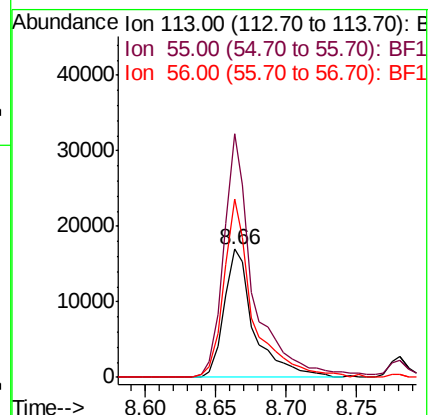
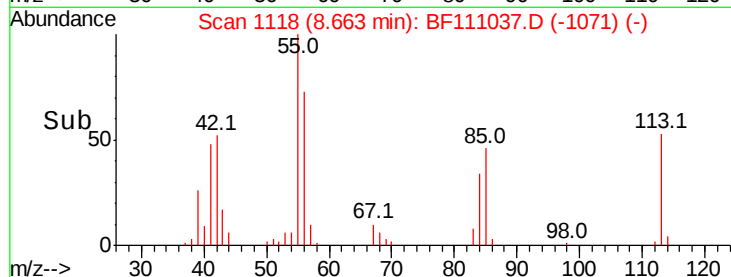
56 139.8 105.0 145.0



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: 30.263 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

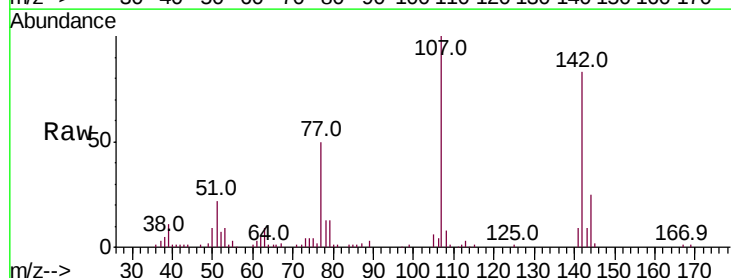
Tgt Ion:107 Resp: 87902

Ion Ratio Lower Upper

107 100

144 25.5 20.0 30.0

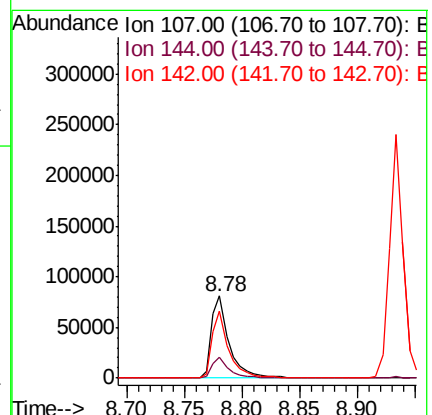
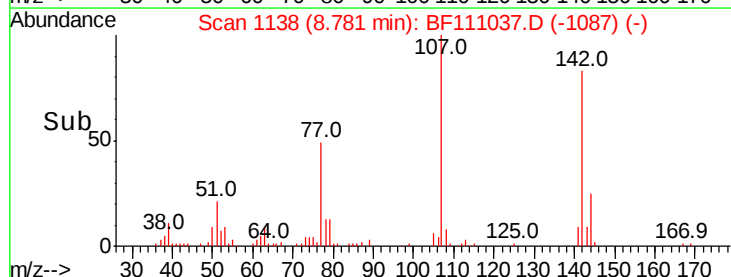
142 82.6 59.7 89.5

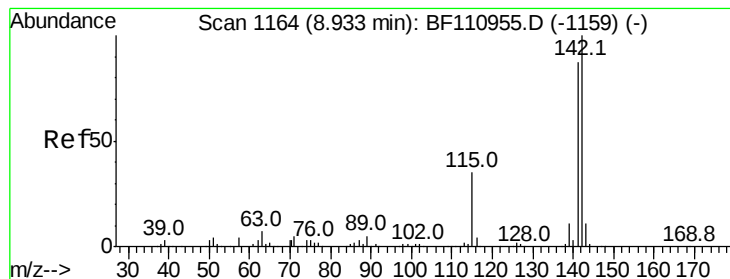


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.882 ng

RT: 8.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

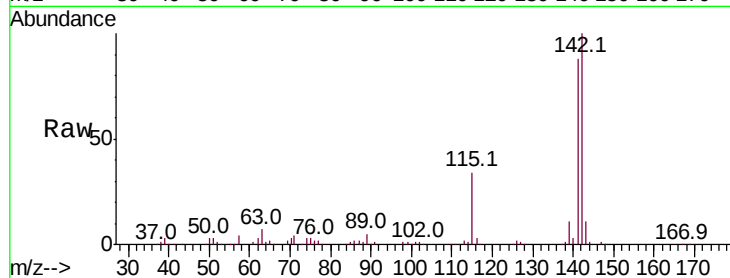
Tot Ion:142 Resp: 202380

Ion Ratio Lower Upper

142 100

141 87.9 71.4 107.2

115 34.5 28.7 43.1

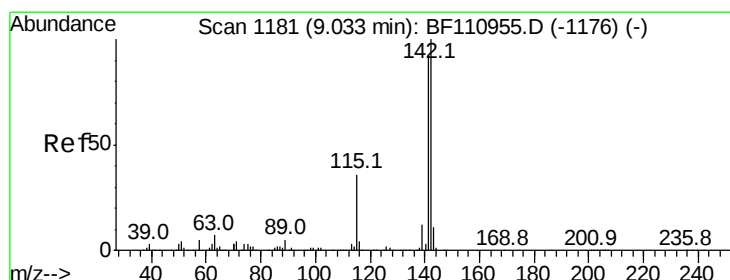
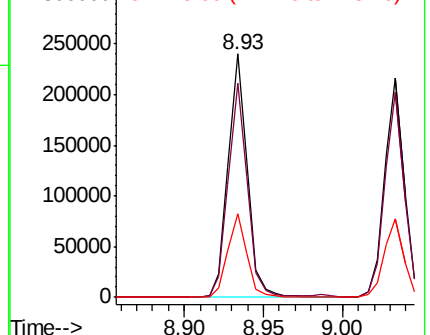
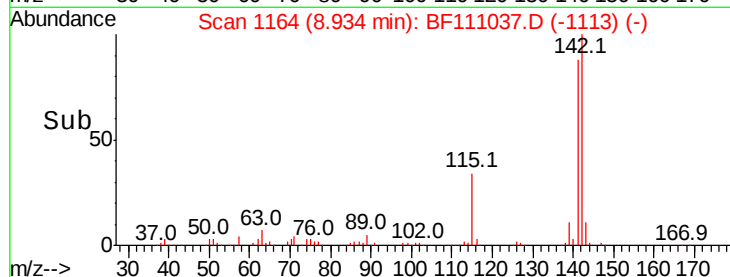


Abundance

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: 32.826 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

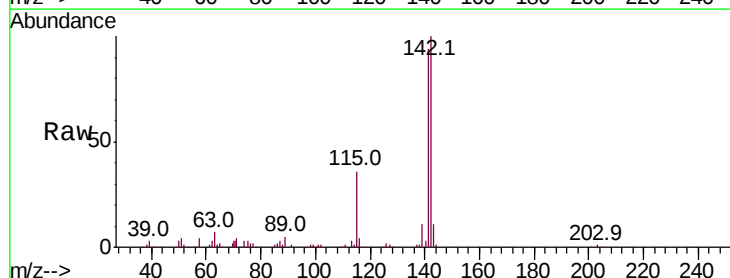
Tgt Ion:142 Resp: 185251

Ion Ratio Lower Upper

142 100

141 93.8 74.2 111.4

116 3.7 2.6 4.0

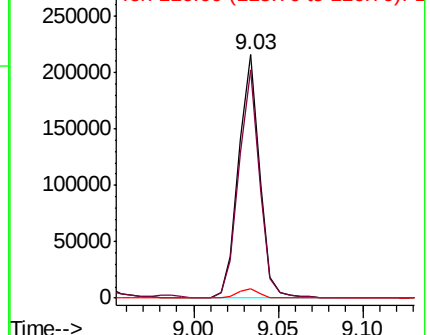
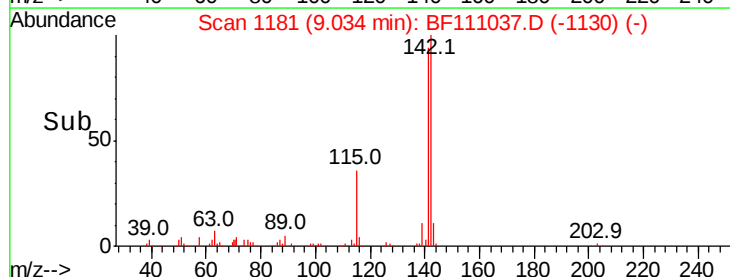


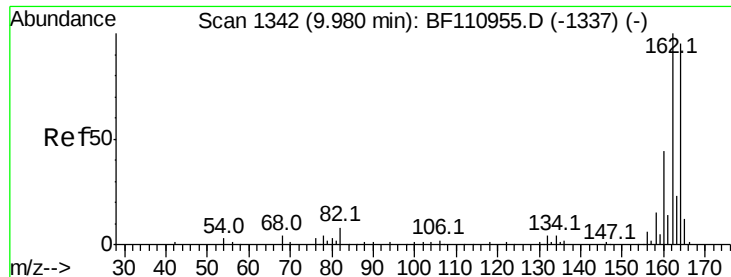
Abundance

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

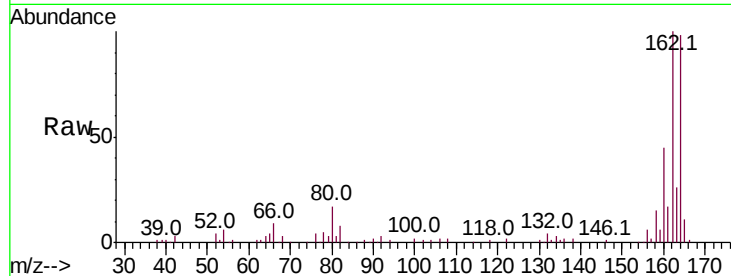




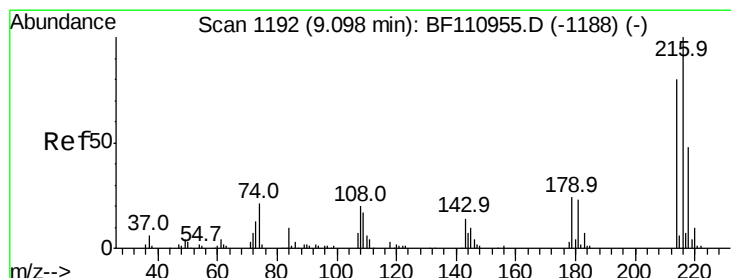
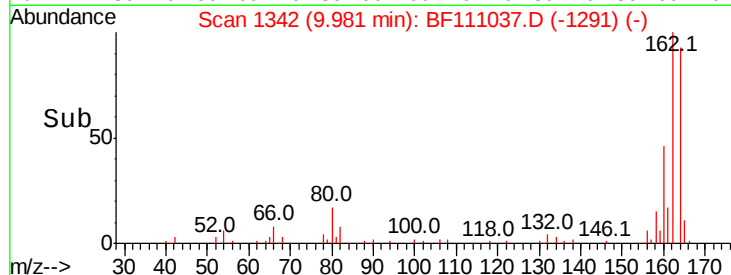
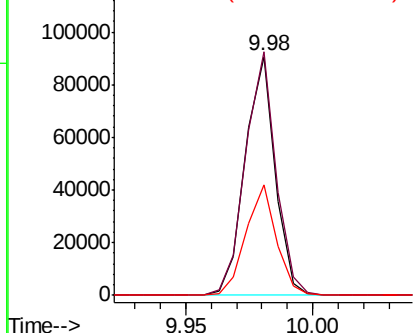
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

Tot Ion:164 Resp: 74872
Ion Ratio Lower Upper
164 100
162 101.8 83.0 124.6
160 46.2 37.0 55.6

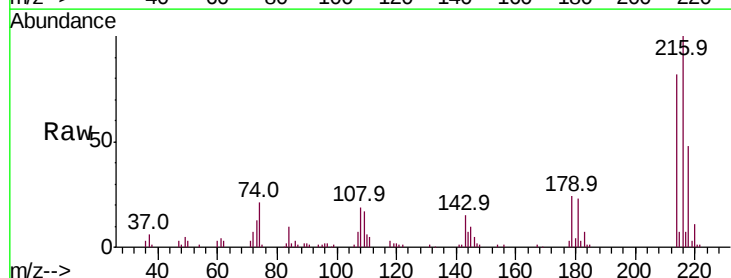


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

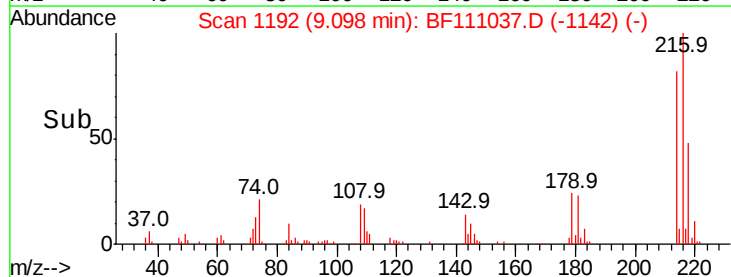
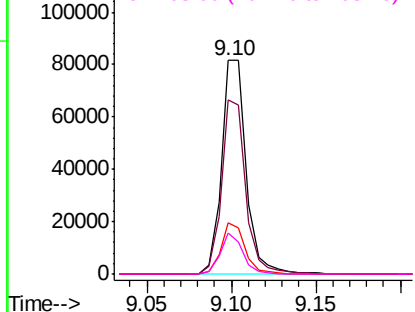


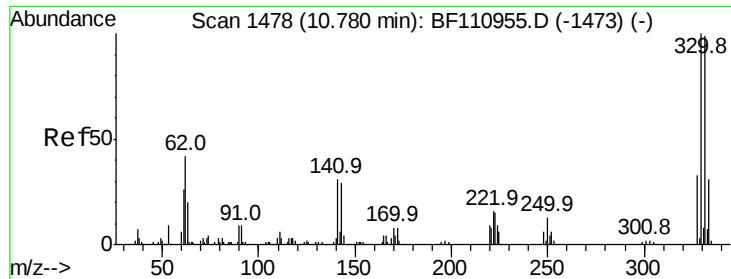
#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.166 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion:216 Resp: 82825
Ion Ratio Lower Upper
216 100
214 79.7 63.8 95.6
179 23.0 16.6 25.0
108 17.3 15.1 22.7



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

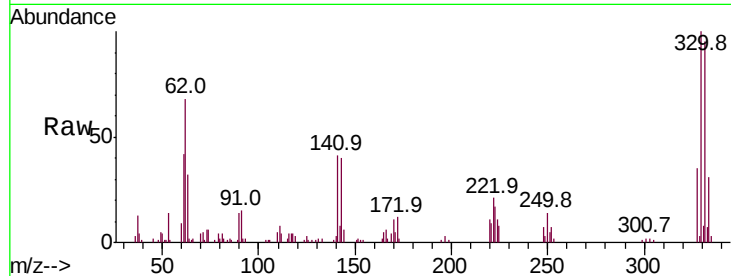




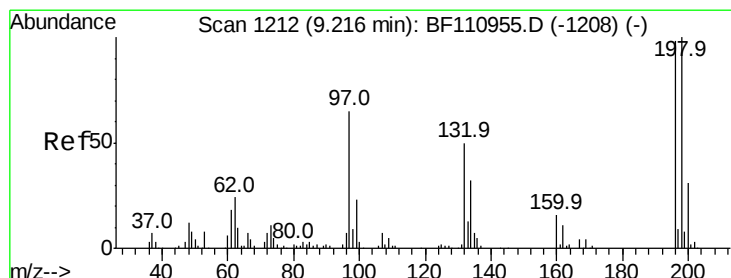
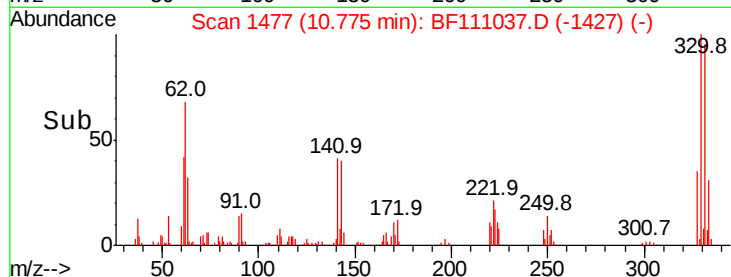
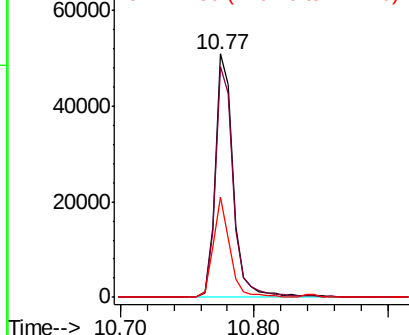
#42
 2,4,6-Tribromophenol
 Concen: 65.436 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

Tot Ion:330 Resp: 48657
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.1 115.7
 141 37.5 27.0 40.4

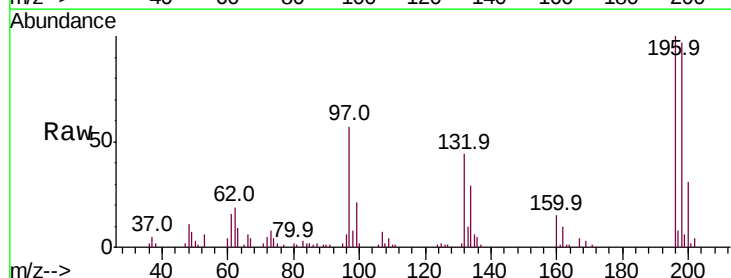


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

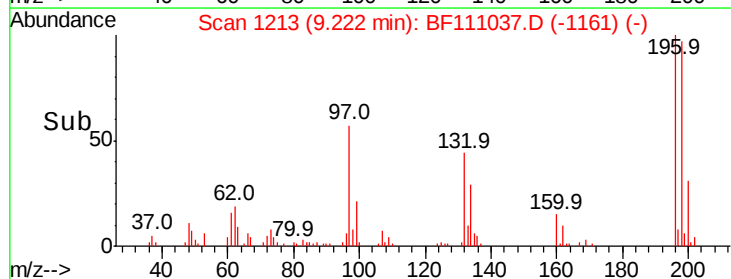
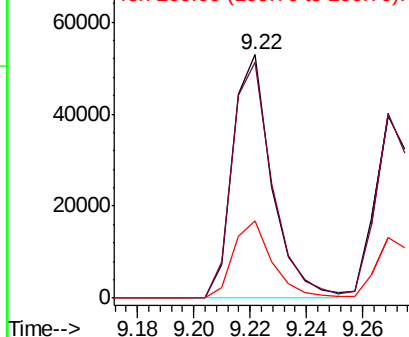


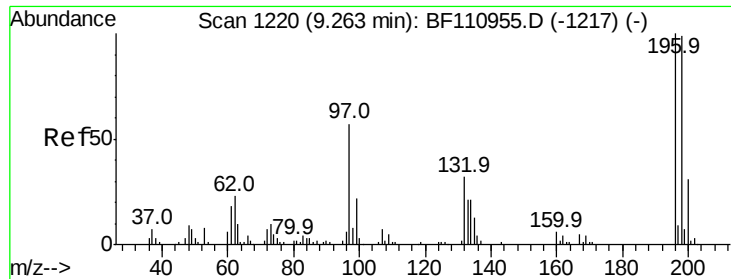
#43
 2,4,6-Trichlorophenol
 Concen: 36.241 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion:196 Resp: 50979
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.2 114.4
 200 31.5 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

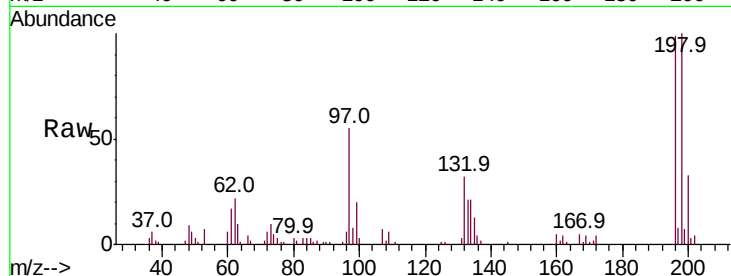




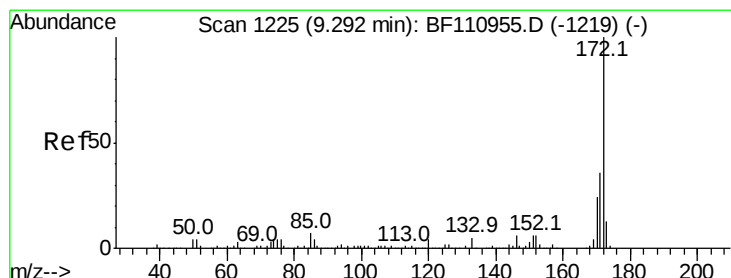
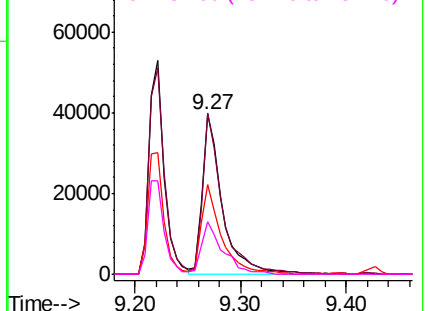
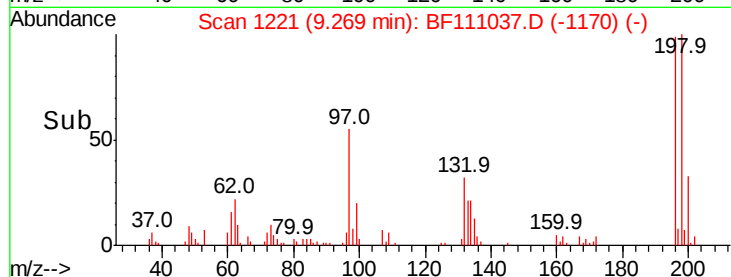
#44
 2,4,5-Trichlorophenol
 Concen: 35.403 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

Tot Ion:196 Resp: 52438
 Ion Ratio Lower Upper
 196 100
 198 101.1 75.8 113.6
 97 55.8 42.4 63.6
 132 32.8 22.8 34.2

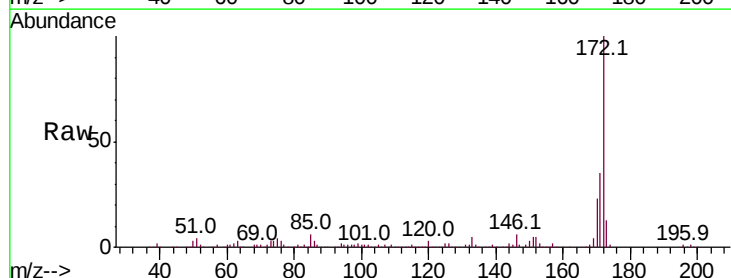


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

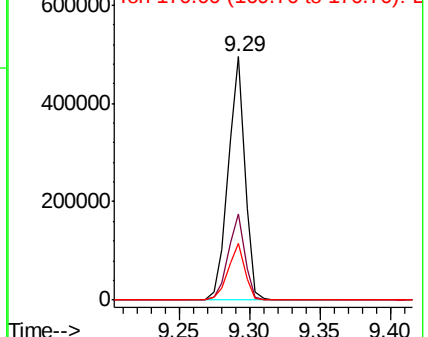
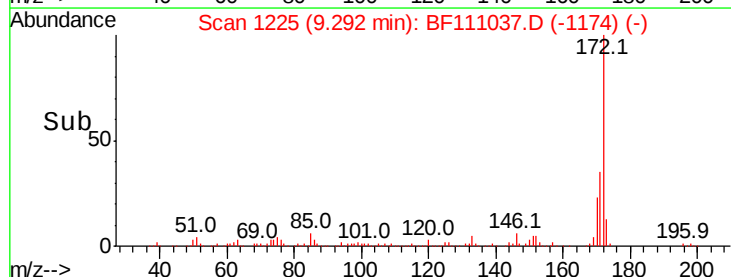


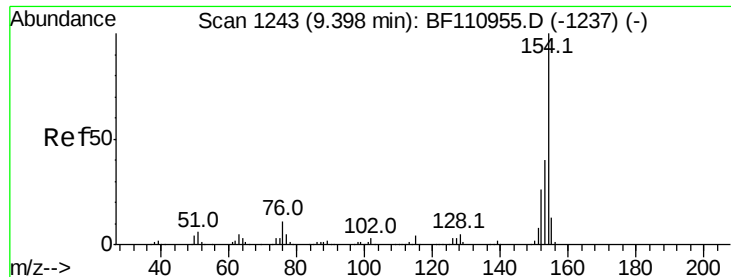
#45
 2-Fluorobiphenyl
 Concen: 79.277 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion:172 Resp: 409702
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 23.5 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

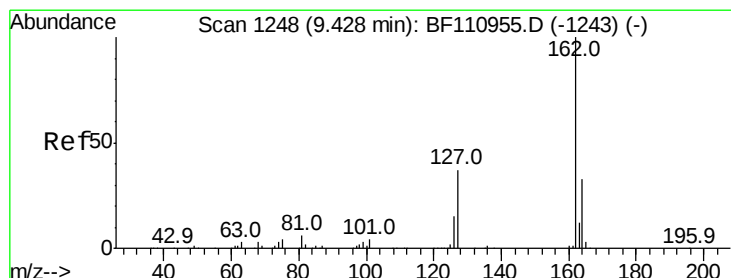
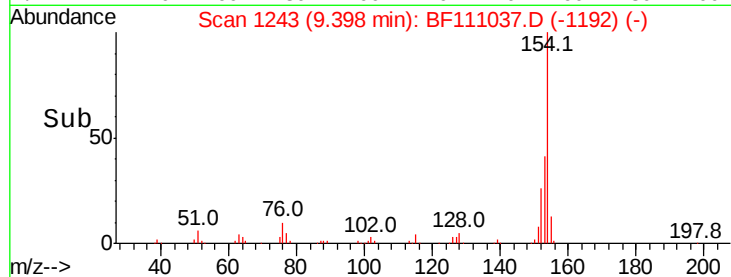
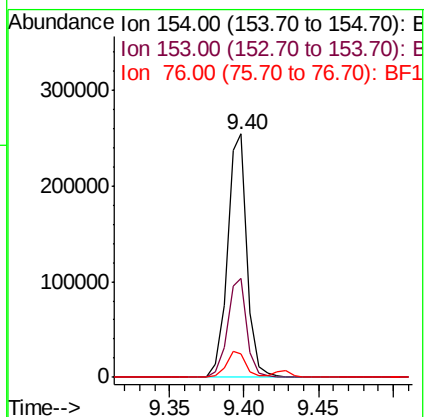
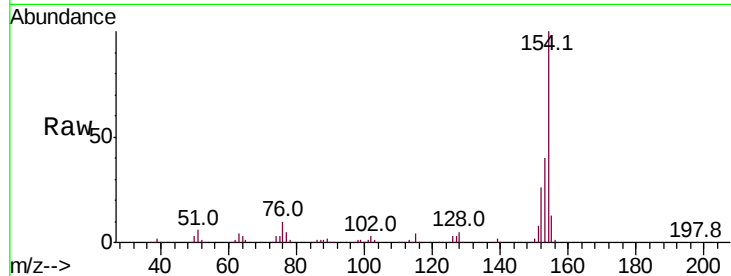




#46
1,1'-Biphenyl
Concen: 34.278 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

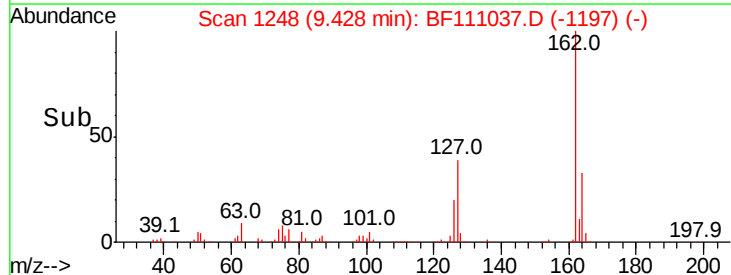
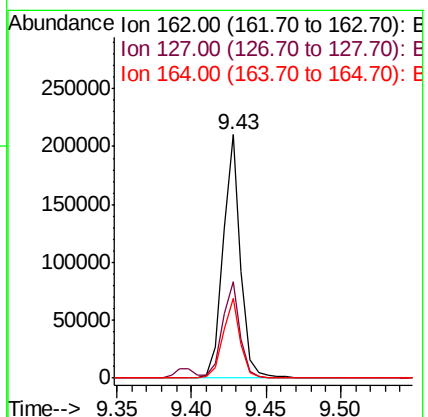
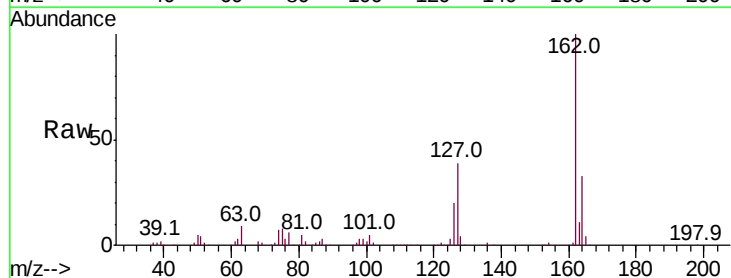
Instrument :
BNA_F
ClientSampleId :
PB115099BS

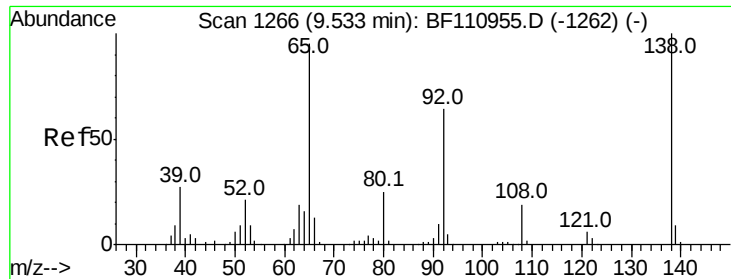
Tot Ion:154 Resp: 236609
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 9.7 0.0 31.9



#47
2-Chloronaphthalene
Concen: 34.590 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion:162 Resp: 173119
Ion Ratio Lower Upper
162 100
127 39.4 32.6 48.8
164 33.0 25.9 38.9

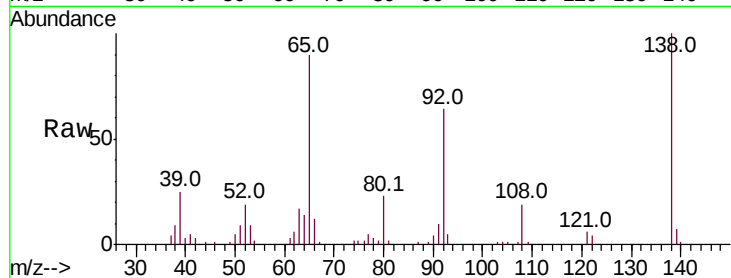




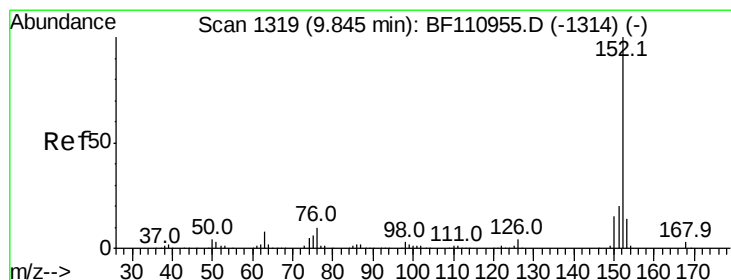
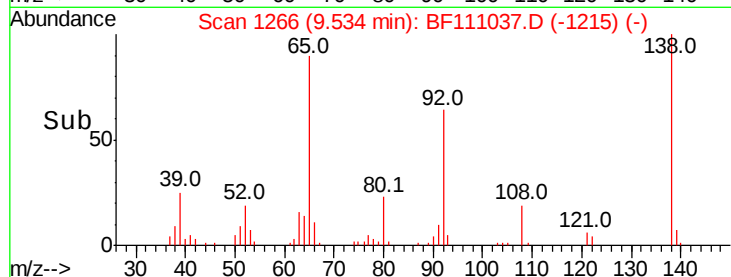
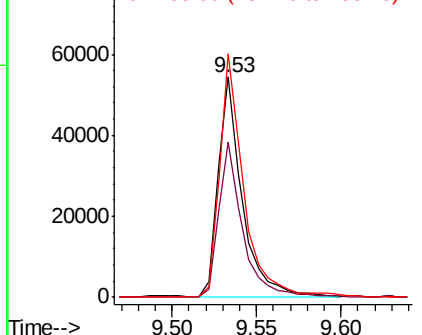
#48
2-Nitroaniline
Concen: 34.811 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

Tot Ion: 65 Resp: 54496
Ion Ratio Lower Upper
65 100
92 70.4 54.6 81.8
138 110.5 80.3 120.5

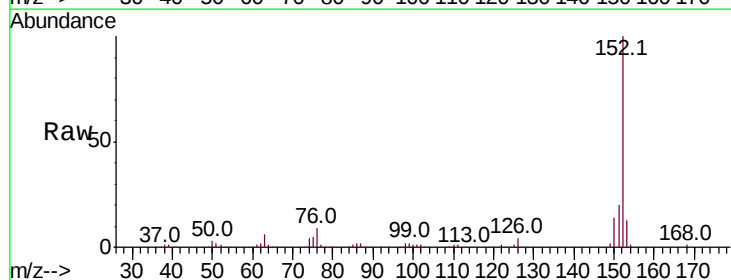


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

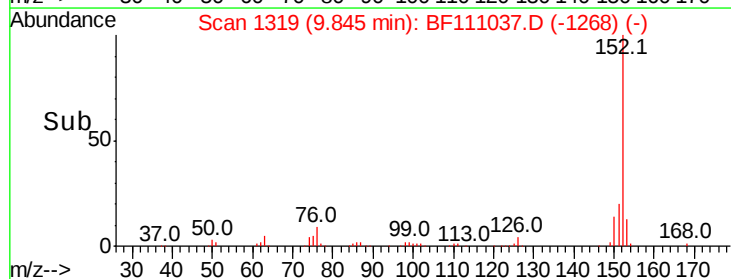
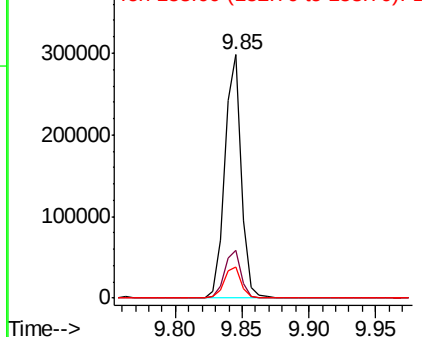


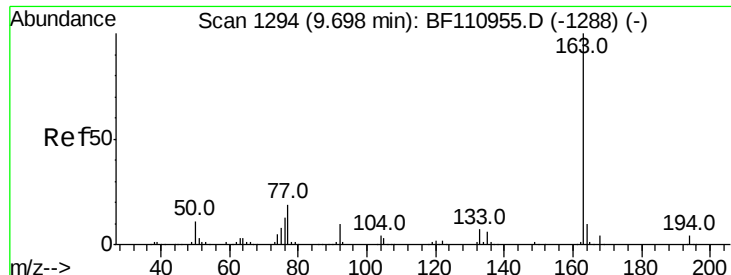
#49
Acenaphthylene
Concen: 36.639 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion:152 Resp: 260754
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 12.9 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

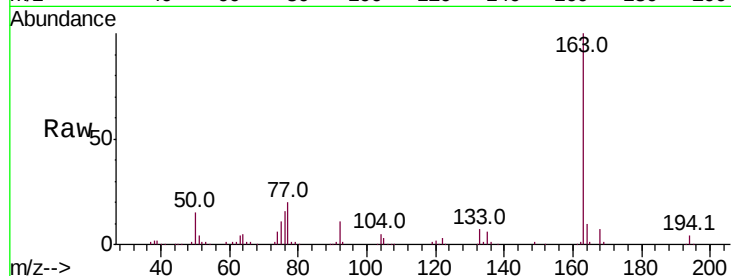




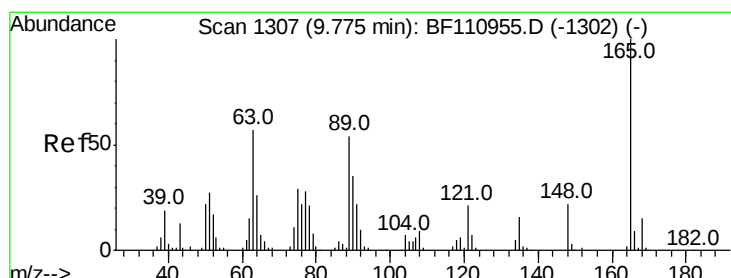
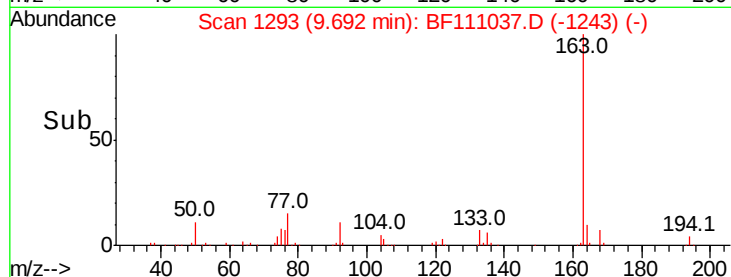
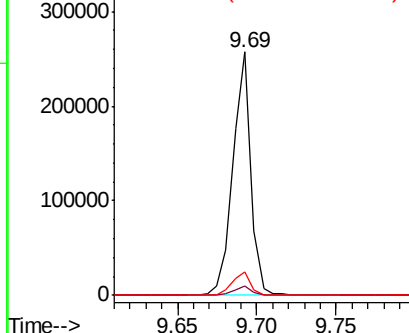
#50
Dimethylphthalate
Concen: 36.949 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.5	8.1	12.1

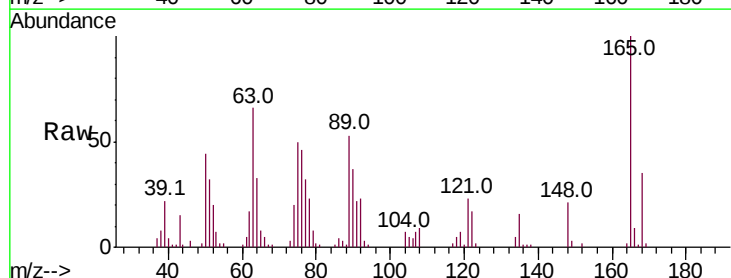


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

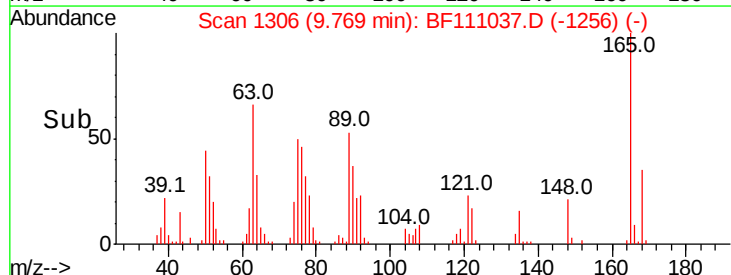
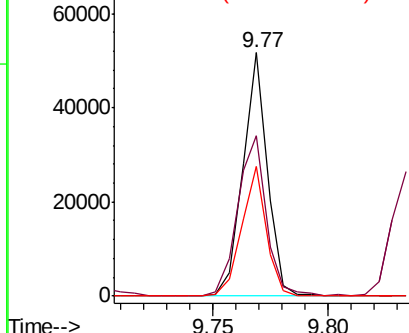


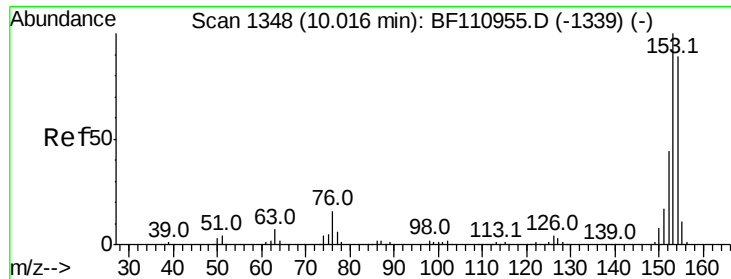
#51
2,6-Dinitrotoluene
Concen: 31.327 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	66.1	48.9	73.3
89	53.4	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: 34.271 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

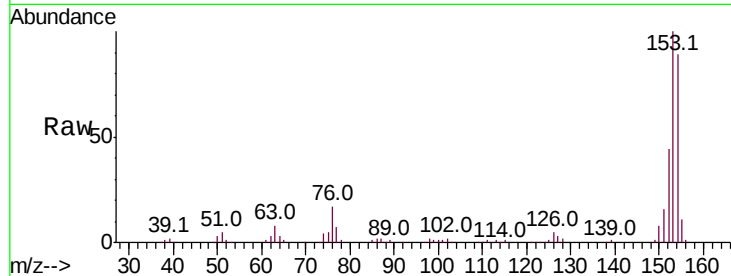
Tot Ion:154 Resp: 156360

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

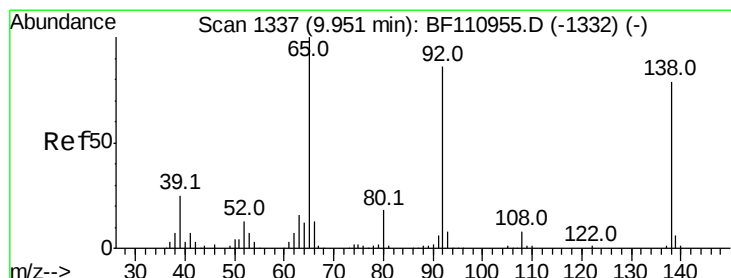
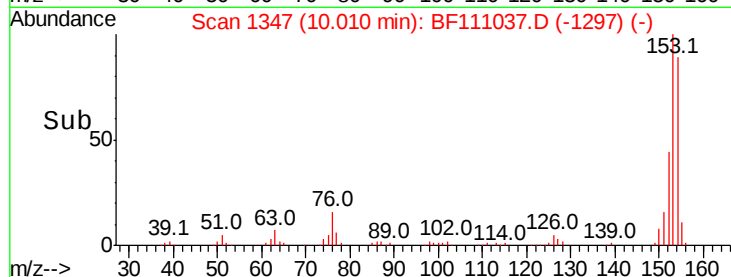
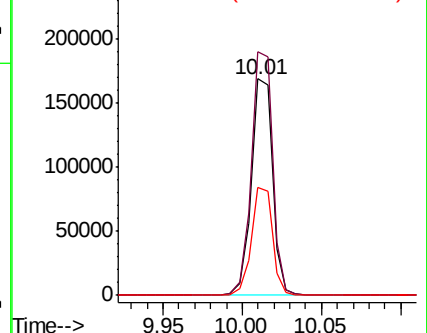
152 49.9 43.4 65.2



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: 26.753 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

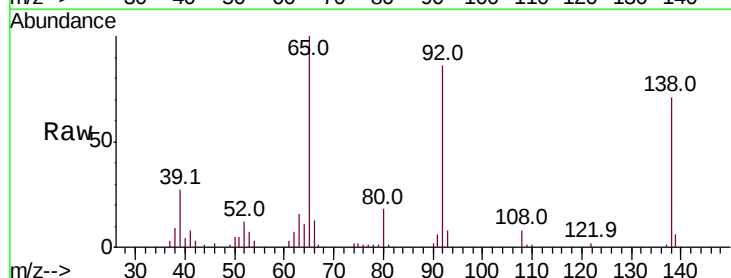
Tgt Ion:138 Resp: 38117

Ion Ratio Lower Upper

138 100

108 11.7 8.7 13.1

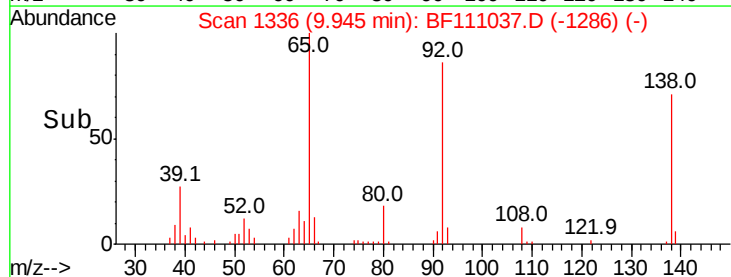
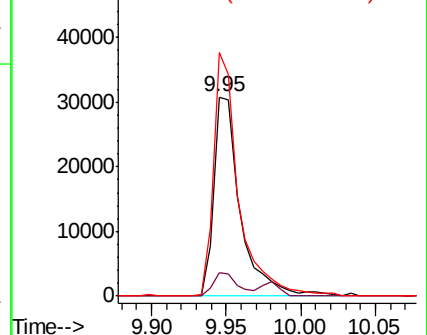
92 122.3 97.0 145.4

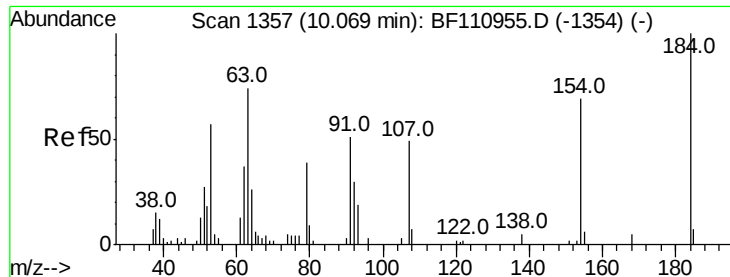


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

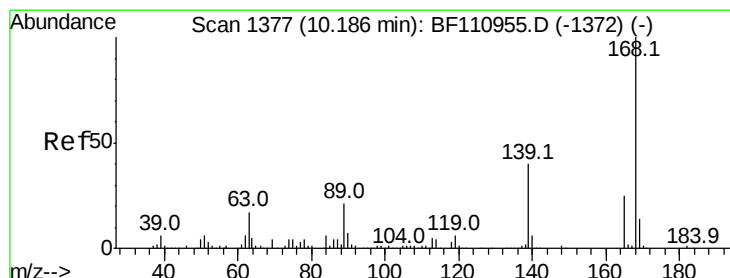
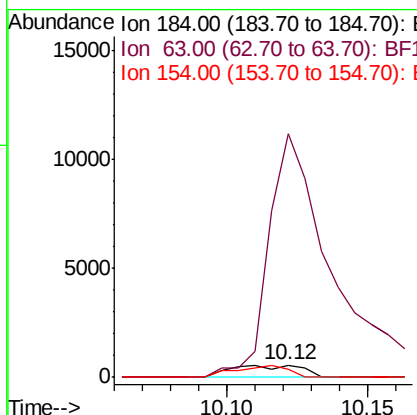
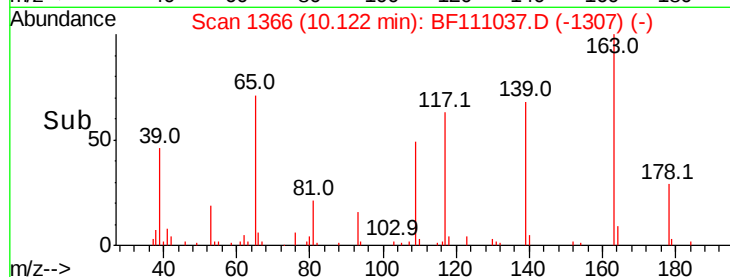
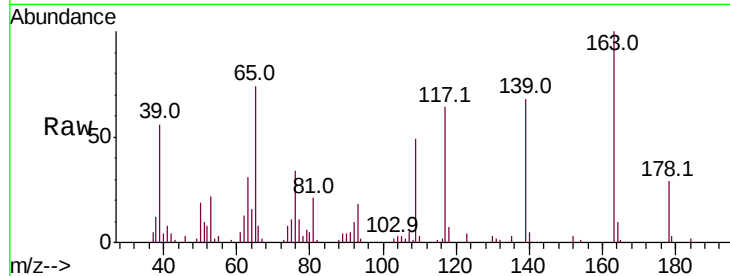




#54
 2,4-Dinitrophenol
 Concen: 5.797 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.05 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

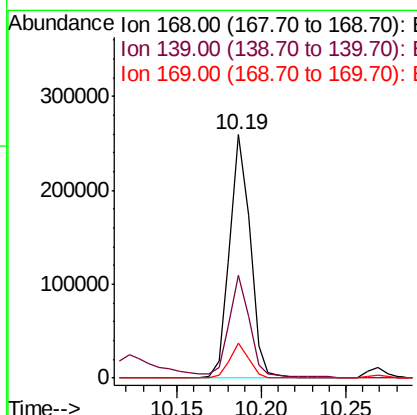
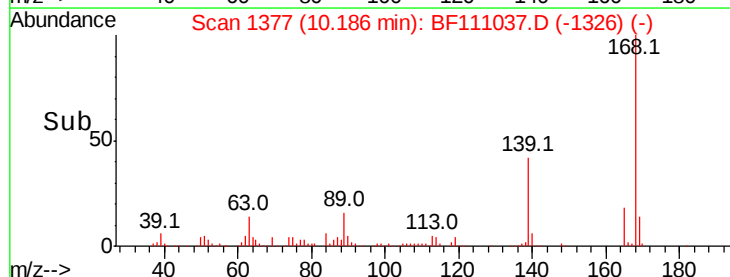
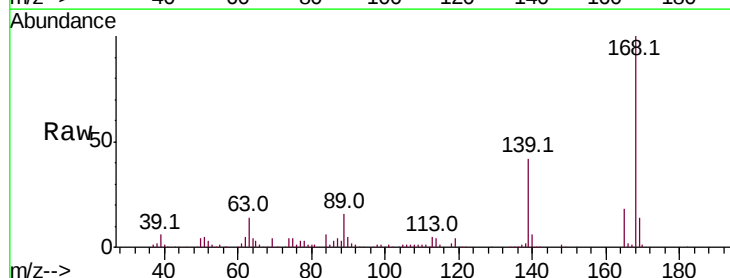
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

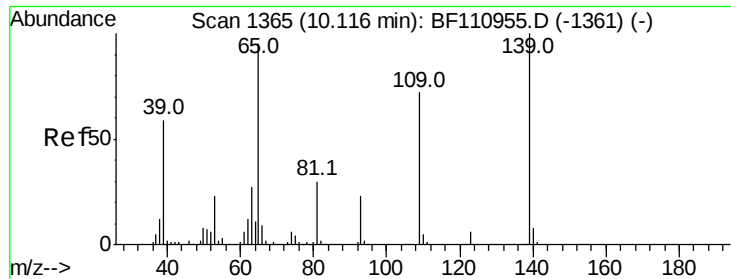
Tot Ion:184 Resp: 942
 Ion Ratio Lower Upper
 184 100
 63 2010.6 55.8 83.6#
 154 70.3 63.2 94.8



#55
 Dibenzofuran
 Concen: 33.075 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion:168 Resp: 220146
 Ion Ratio Lower Upper
 168 100
 139 42.3 33.0 49.6
 169 14.2 11.3 16.9

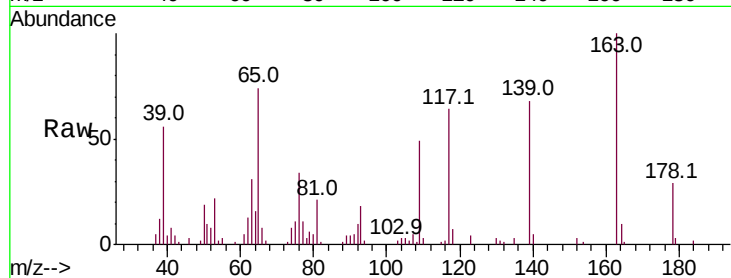




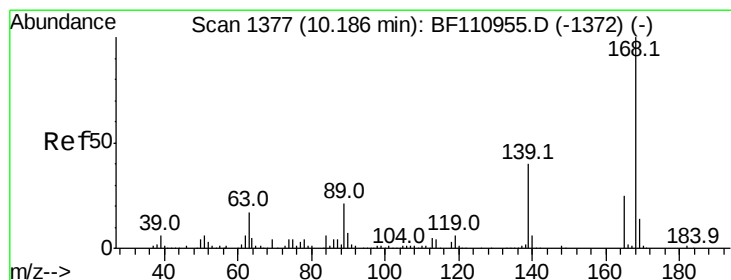
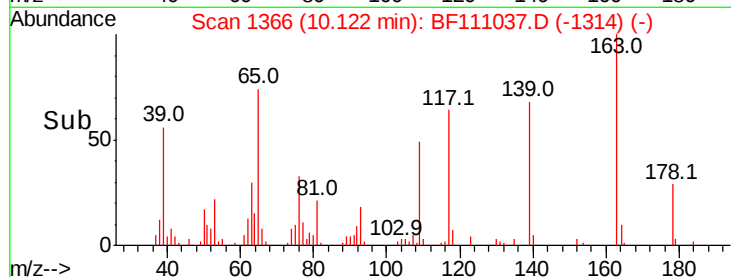
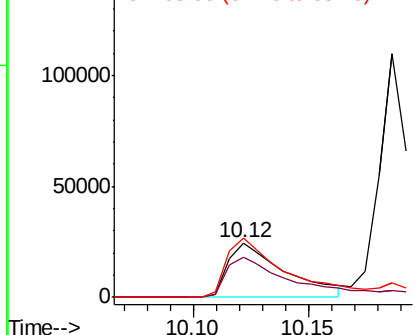
#56
4-Nitrophenol
Concen: 54.596 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

Tot Ion:139 Resp: 42117
Ion Ratio Lower Upper
139 100
109 73.0 55.8 95.8
65 108.8 77.9 117.9



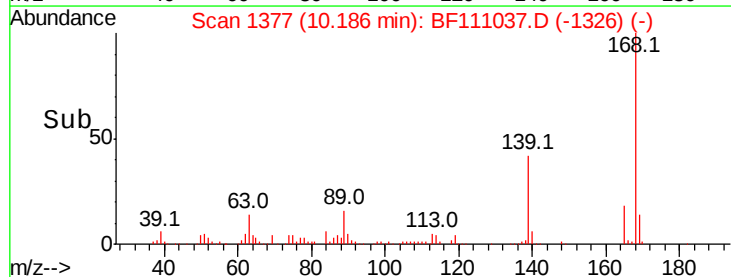
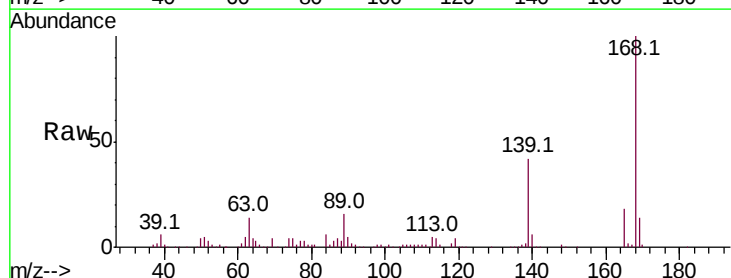
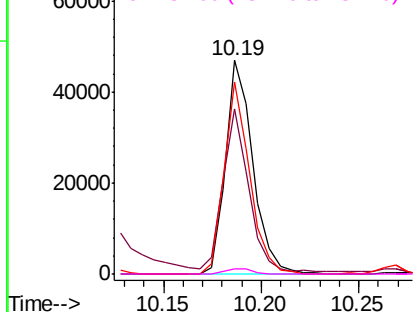
Abundance Ion 139.00 (138.70 to 139.70): E
150000 Ion 109.00 (108.70 to 109.70): E
100000 Ion 65.00 (64.70 to 65.70): BF1

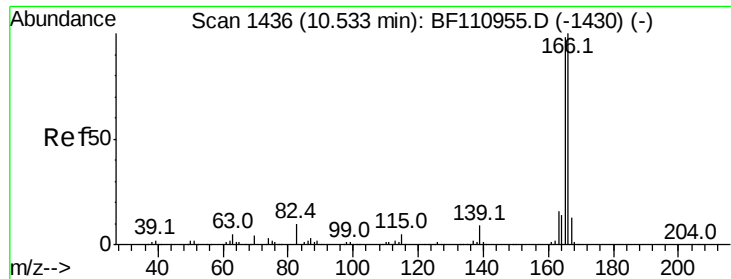


#57
2,4-Dinitrotoluene
Concen: 28.649 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion:165 Resp: 45437
Ion Ratio Lower Upper
165 100
63 77.0 44.8 67.2#
89 89.7 62.2 93.4
182 2.6 2.1 3.1

Abundance Ion 165.00 (164.70 to 165.70): E
60000 Ion 63.00 (62.70 to 63.70): BF1
40000 Ion 89.00 (88.70 to 89.70): BF1
20000 Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 34.222 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

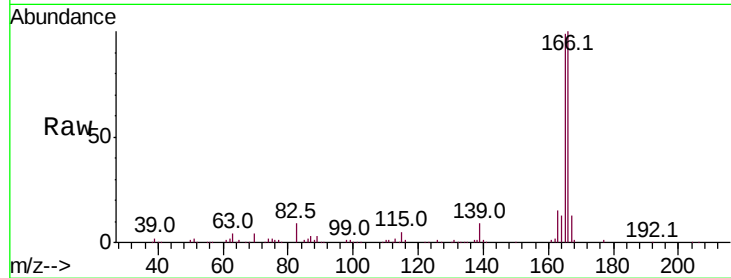
Tot Ion:166 Resp: 177219

Ion Ratio Lower Upper

166 100

165 99.4 78.6 117.8

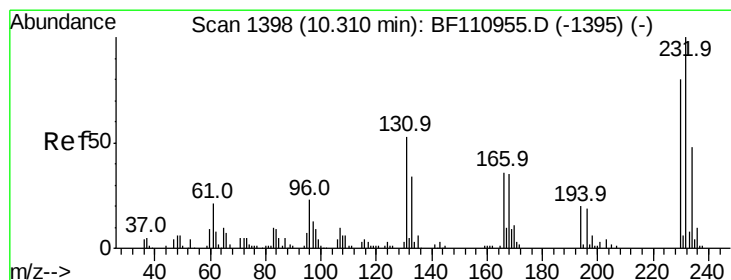
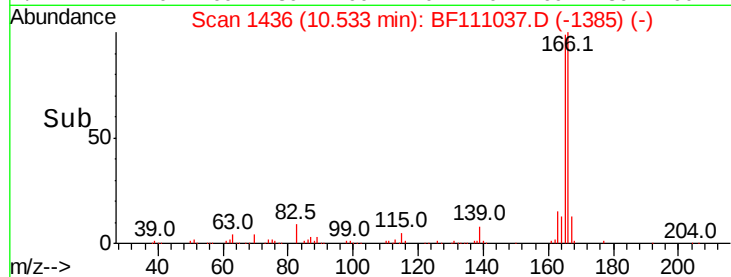
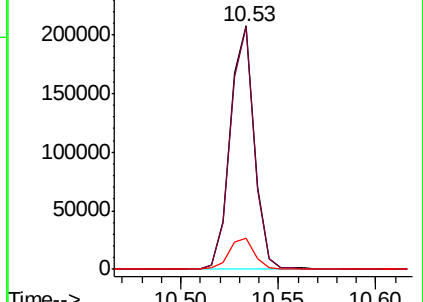
167 12.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 35.389 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Tgt Ion:232 Resp: 43018

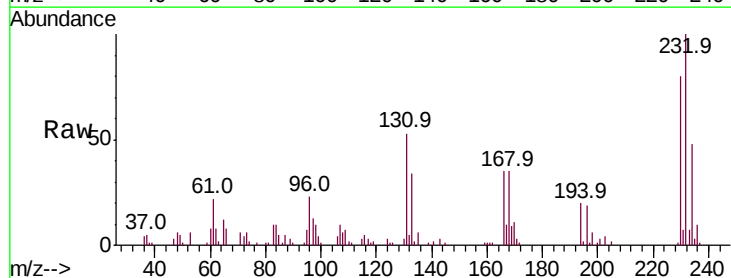
Ion Ratio Lower Upper

232 100

131 48.4 37.0 55.4

130 2.2 1.8 2.6

166 31.4 22.0 33.0

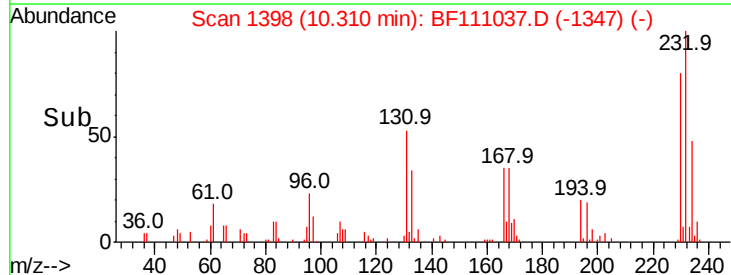
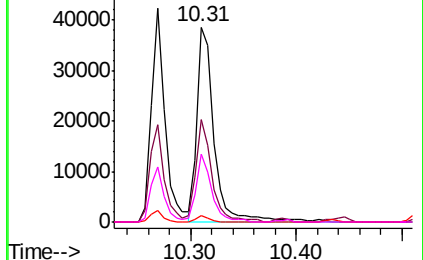


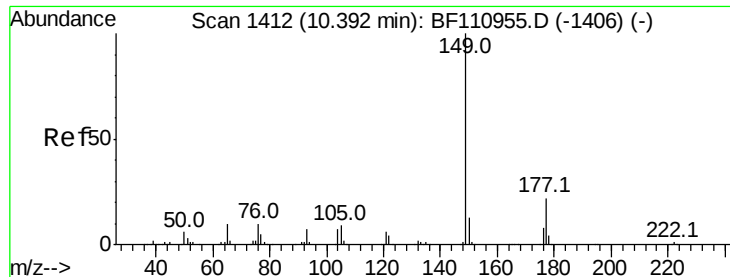
Abundance Ion 232.00 (231.70 to 232.70): E

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

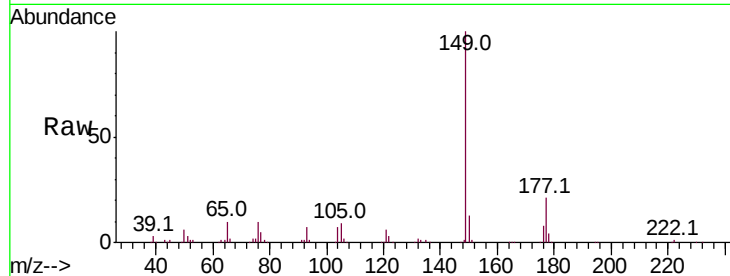




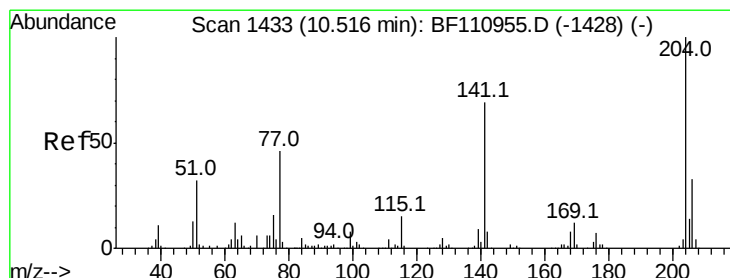
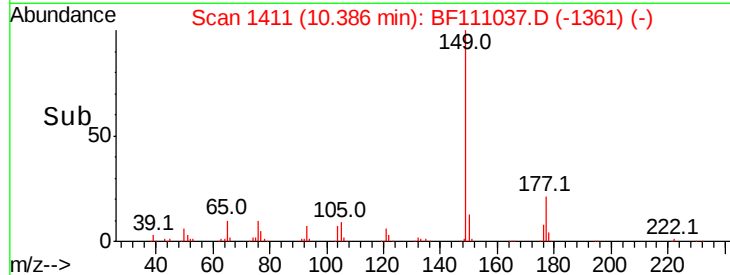
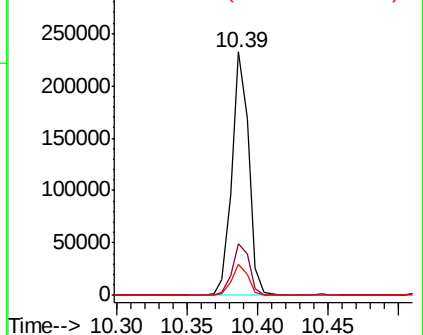
#60
Diethylphthalate
Concen: 34.180 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

Tot Ion:149 Resp: 193545
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.2
150 12.7 9.8 14.8

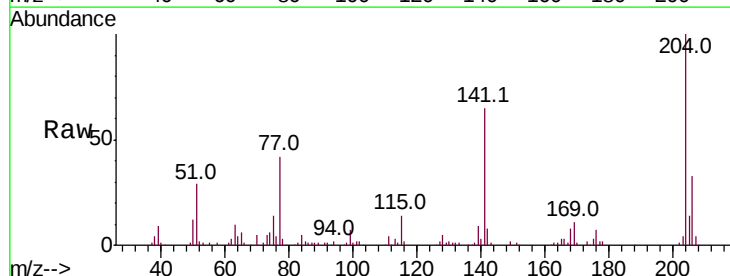


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

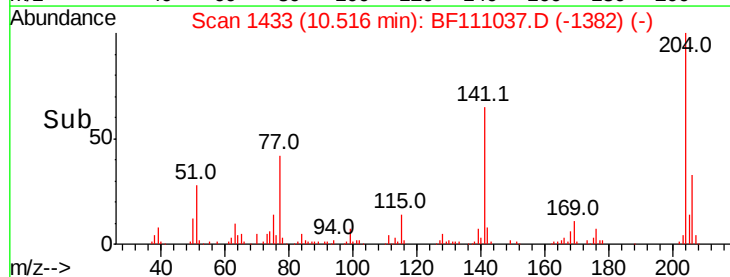
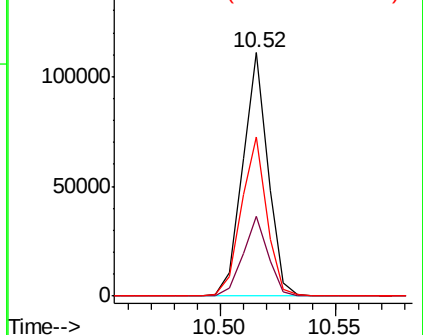


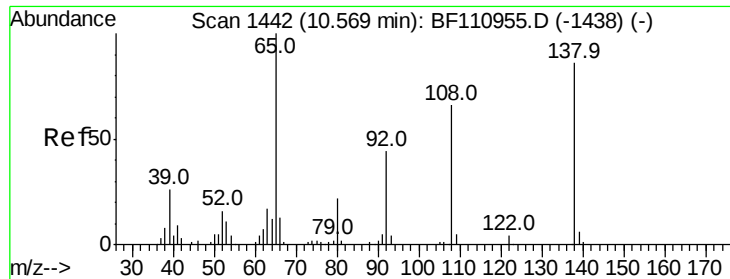
#61
4-Chlorophenyl-phenylether
Concen: 31.295 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion:204 Resp: 84767
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 65.3 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

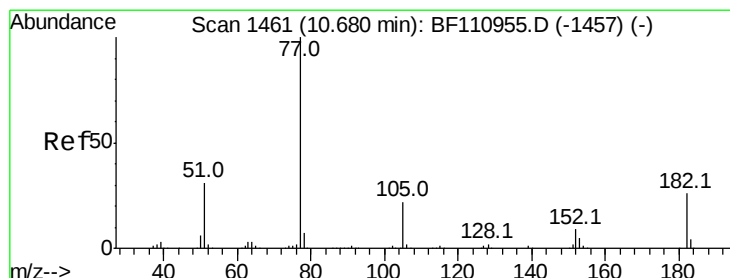
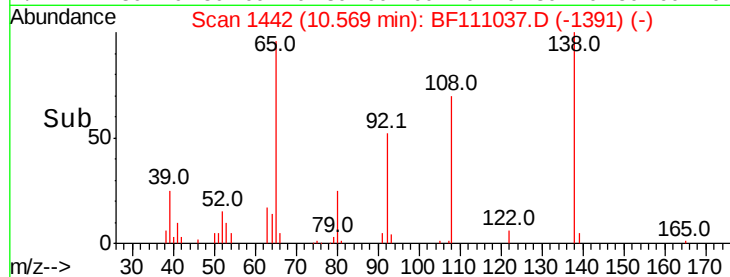
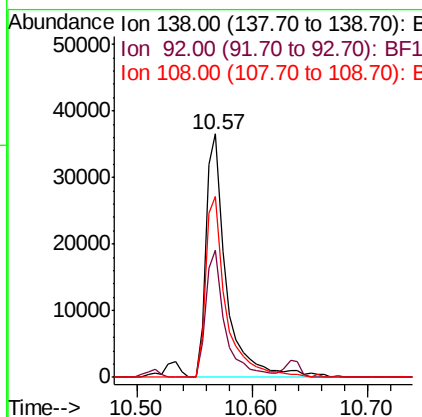
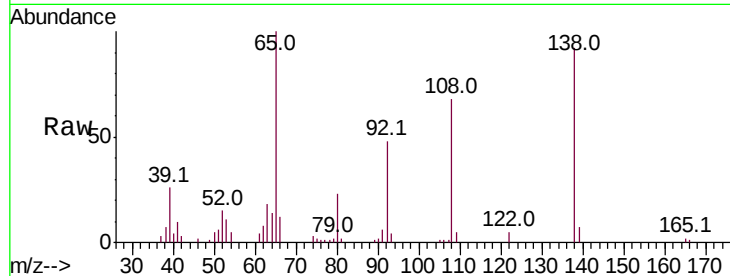




#62
 4-Nitroaniline
 Concen: 33.684 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

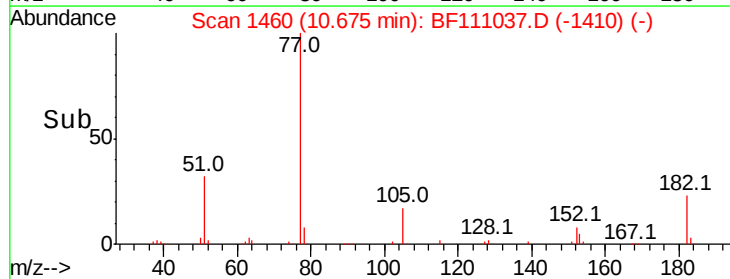
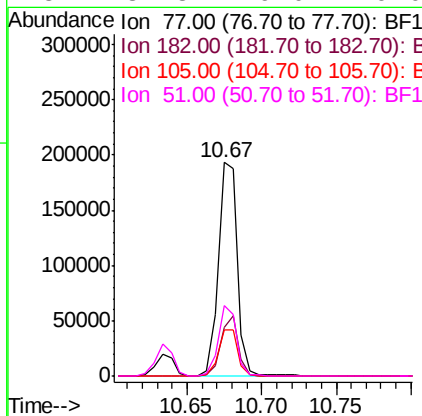
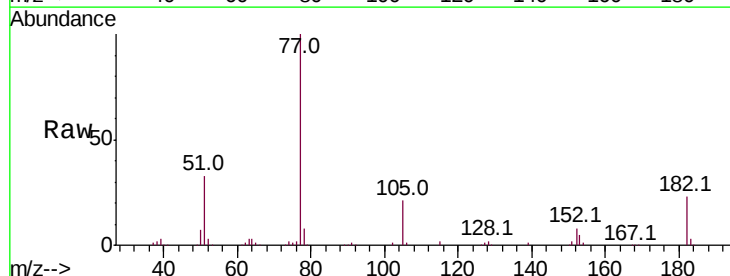
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

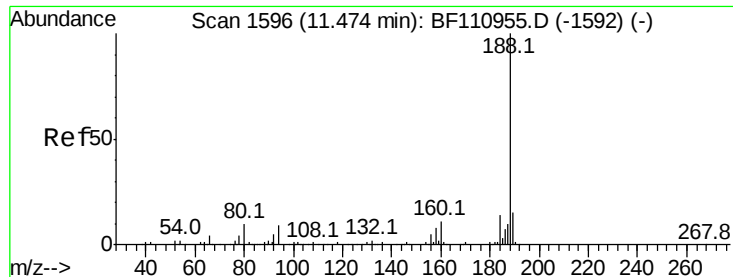
Tot Ion:	138	Resp:	44685
Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.7	71.7
108	74.2	59.3	99.3



#63
 Azobenzene
 Concen: 31.180 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion:	77	Resp:	172094
Ion	Ratio	Lower	Upper
77	100		
182	22.6	4.3	44.3
105	21.3	1.3	41.3
51	32.8	9.0	49.0

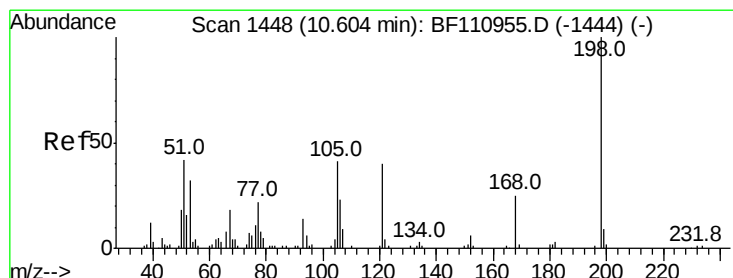
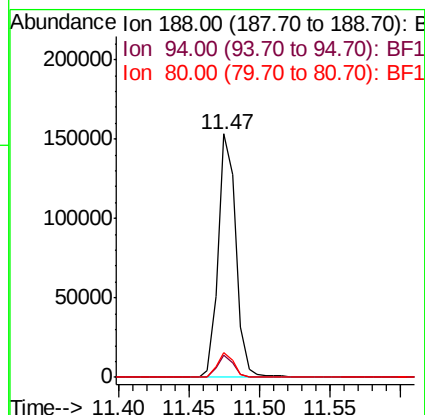
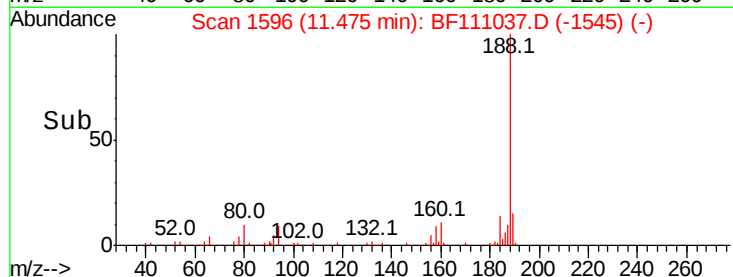
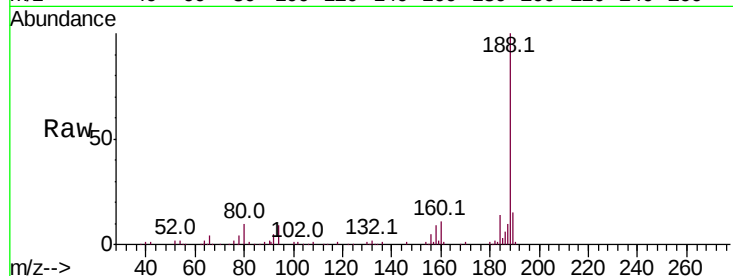




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

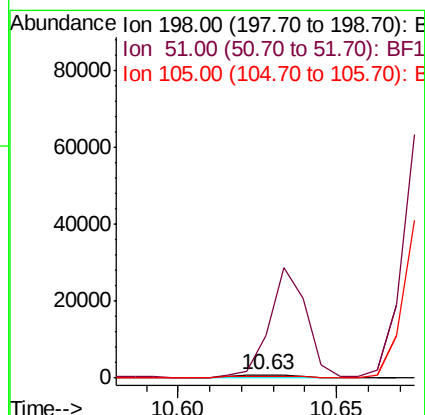
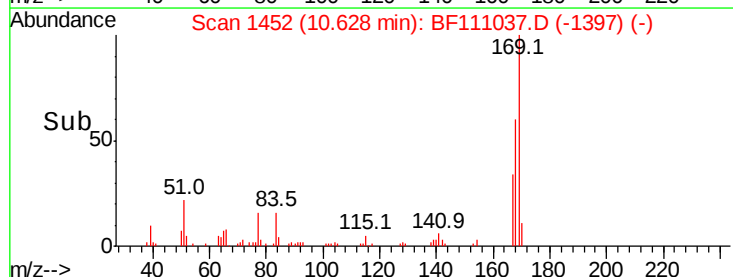
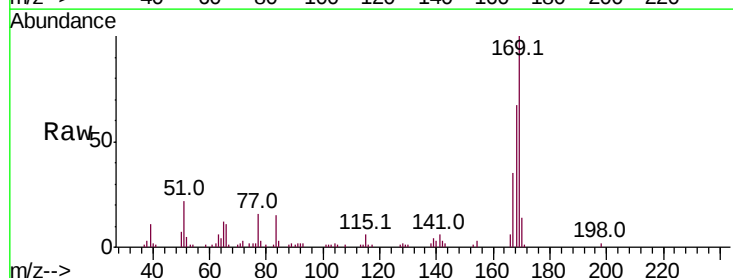
Instrument :
BNA_F
ClientSampleId :
PB115099BS

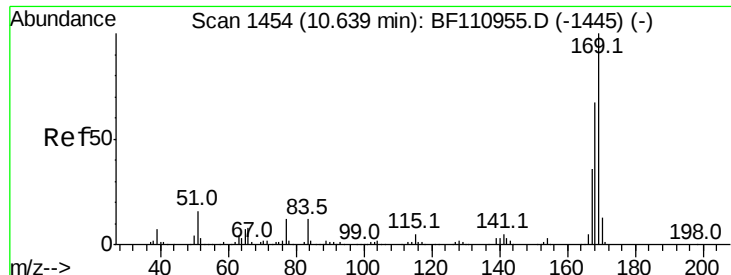
Tot Ion:188 Resp: 134234
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.4 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 1.592 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.02 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion:198 Resp: 1011
Ion Ratio Lower Upper
198 100
51 1313.4 22.8 62.8#
105 47.9 23.6 63.6

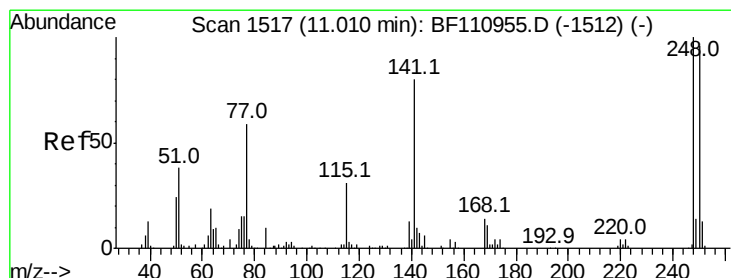
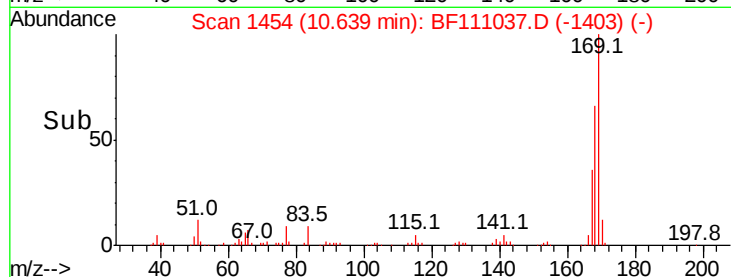
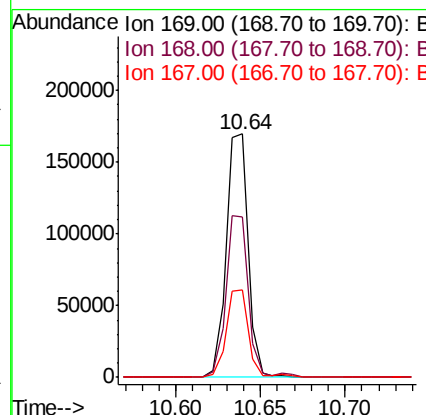
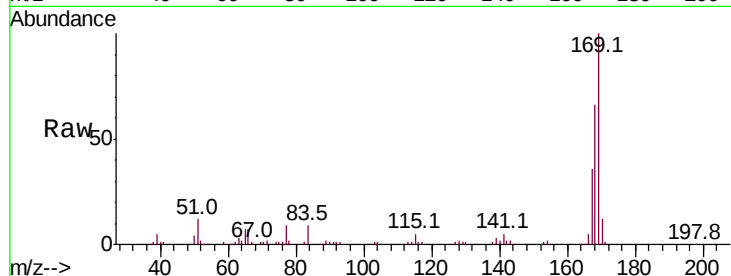




#66
 n-Nitrosodiphenylamine
 Concen: 34.408 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

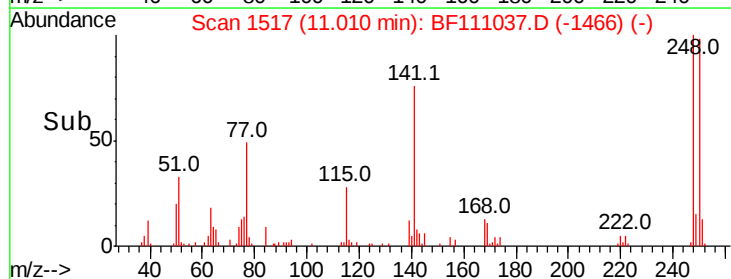
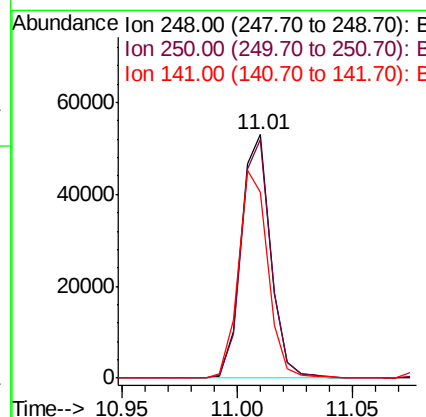
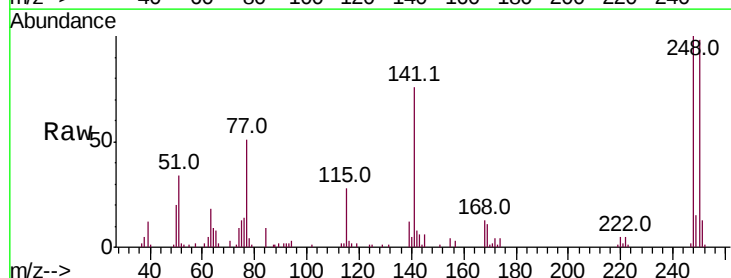
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

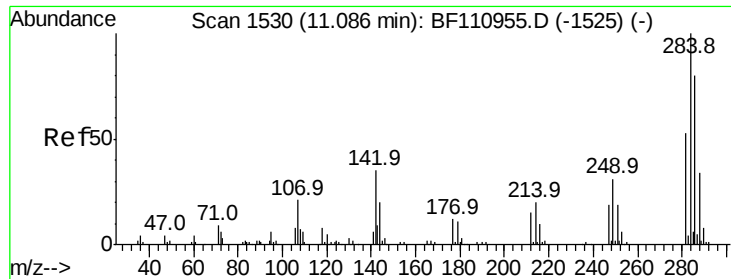
Tot Ion:169 Resp: 153756
 Ion Ratio Lower Upper
 169 100
 168 65.7 51.2 76.8
 167 35.8 27.8 41.6



#67
 4-Bromophenyl-phenylether
 Concen: 32.322 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion:248 Resp: 47252
 Ion Ratio Lower Upper
 248 100
 250 97.9 79.4 119.2
 141 76.4 55.9 83.9





#68

Hexachlorobenzene

Concen: 32.924 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

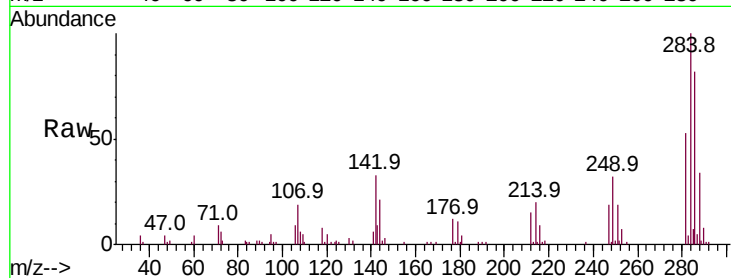
Tot Ion:284 Resp: 51267

Ion Ratio Lower Upper

284 100

142 33.0 23.9 35.9

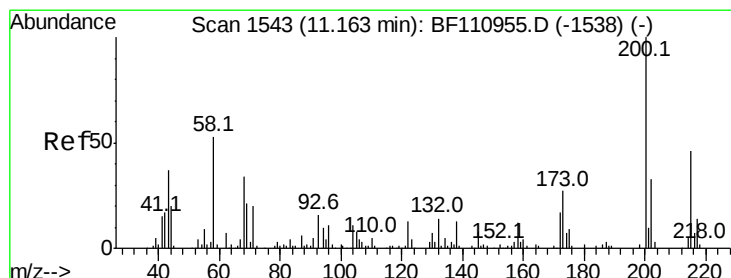
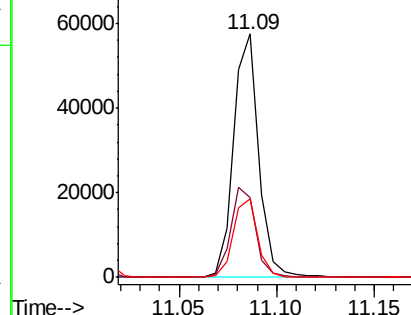
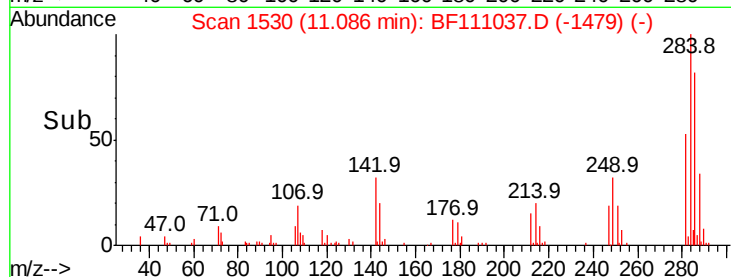
249 32.1 24.2 36.2



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: 39.507 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

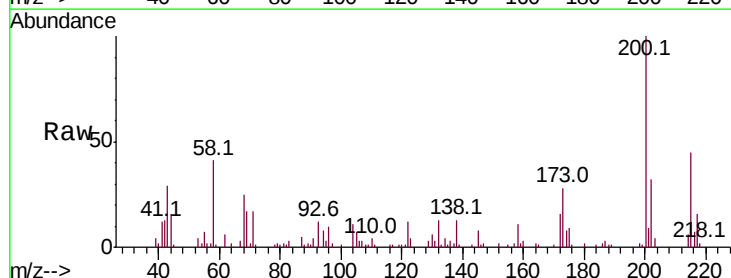
Tgt Ion:200 Resp: 49890

Ion Ratio Lower Upper

200 100

173 27.8 6.6 46.6

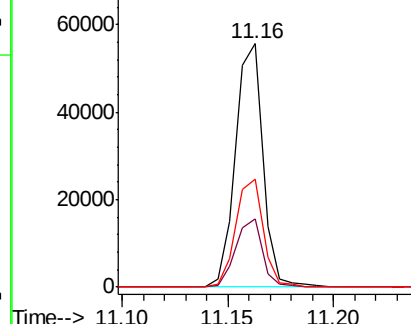
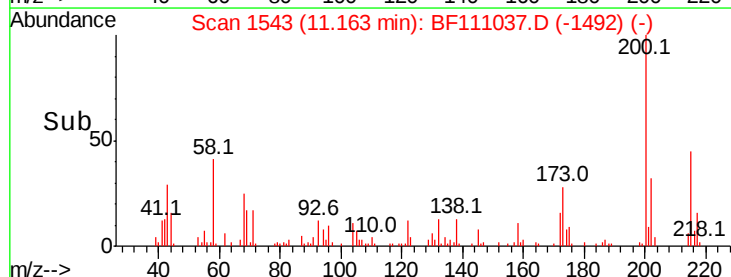
215 44.6 26.3 66.3

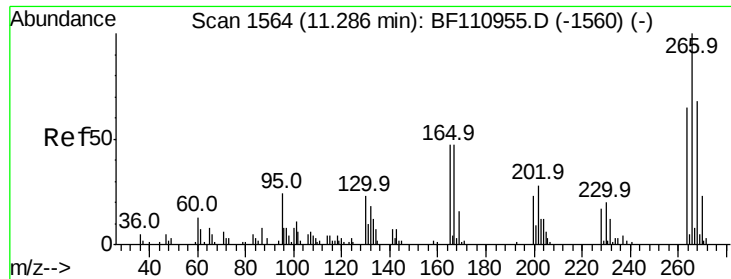


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

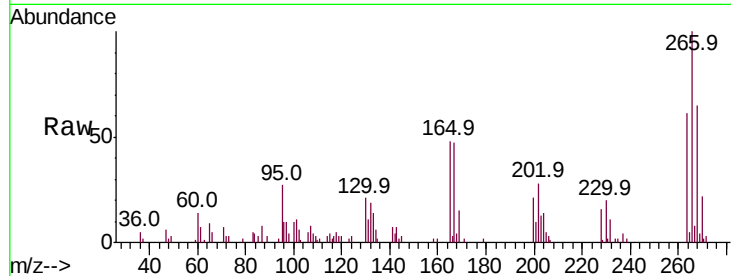




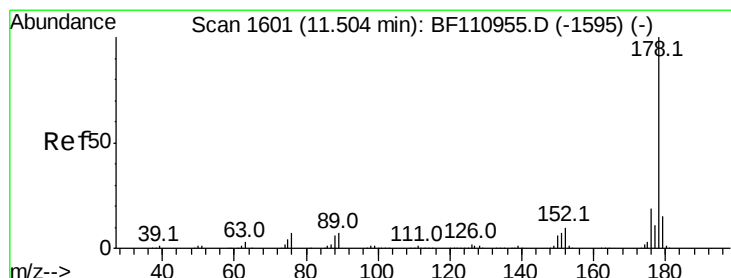
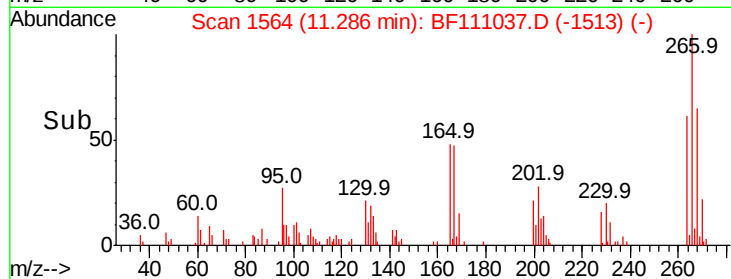
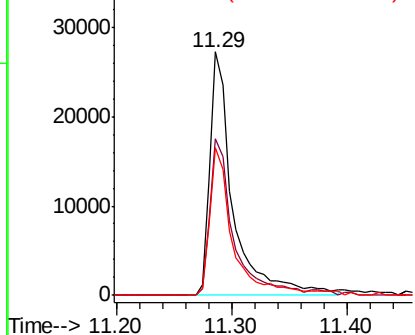
#70
 Pentachlorophenol
 Concen: 61.605 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.6	75.8
264	60.7	50.6	75.8

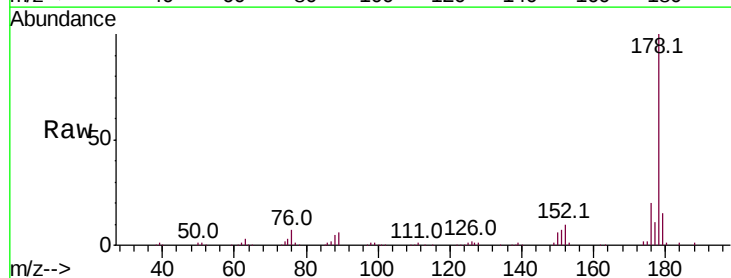


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

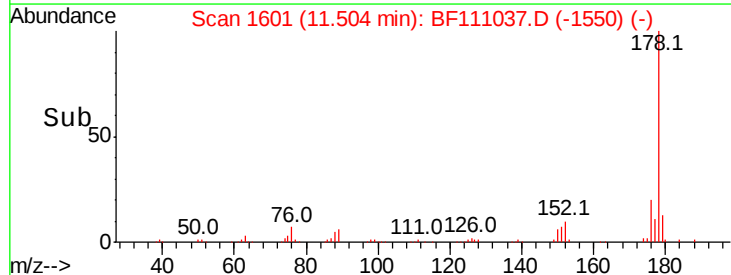
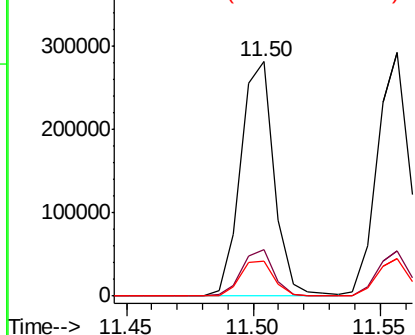


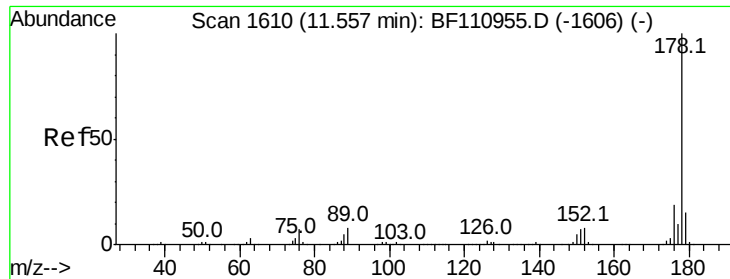
#71
 Phenanthrene
 Concen: 36.329 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.5	23.3
179	15.0	12.5	18.7



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

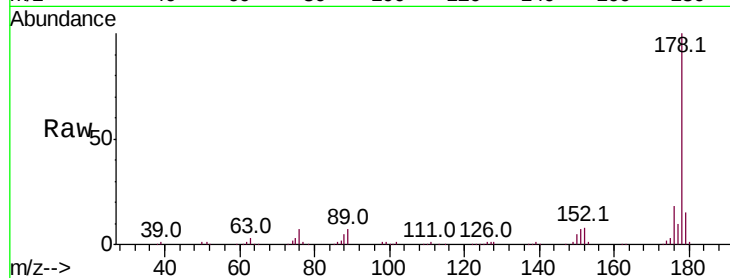




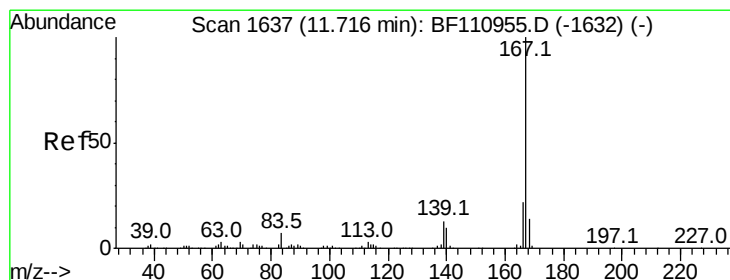
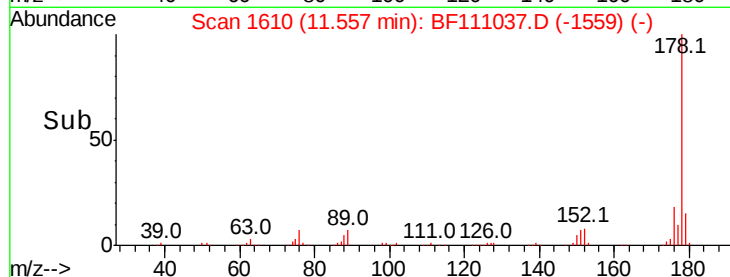
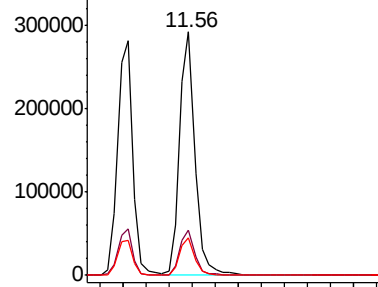
#72
 Anthracene
 Concen: 37.945 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

Tot Ion:178 Resp: 274732
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.3 12.6 18.8

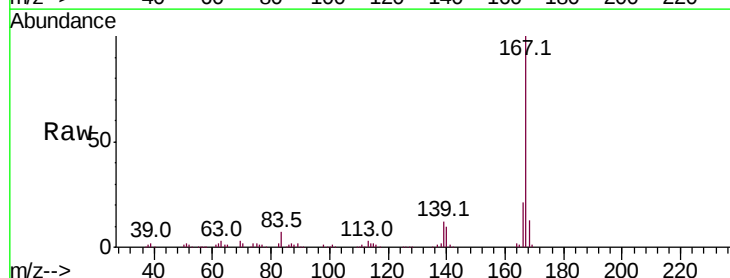


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

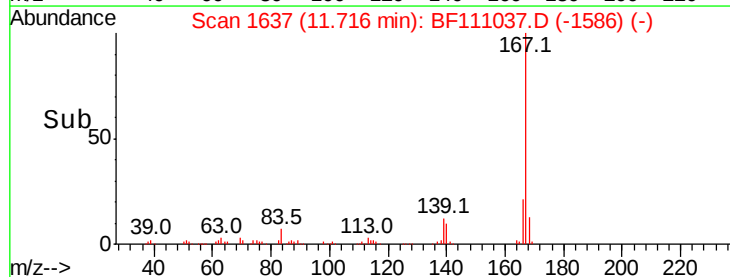
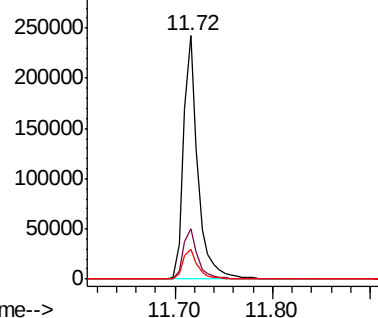


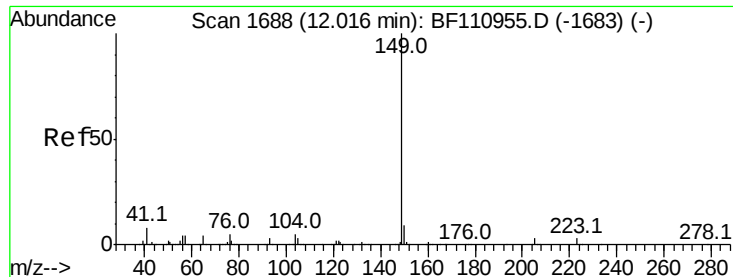
#73
 Carbazole
 Concen: 34.964 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion:167 Resp: 245709
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.4 26.0
 139 12.3 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: 36.234 ng

RT: 12.02 min Scan# 1688

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

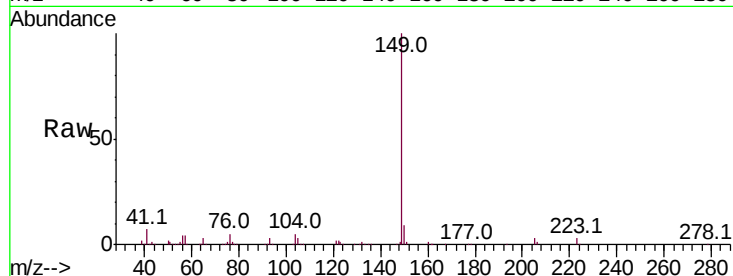
Tot Ion:149 Resp: 297715

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

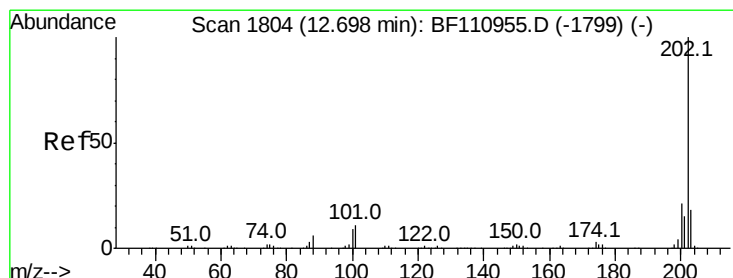
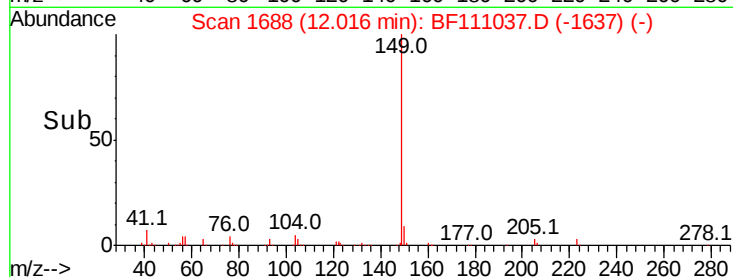
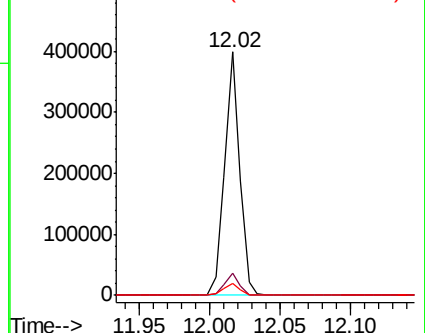
104 5.1 4.2 6.4



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: 39.773 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

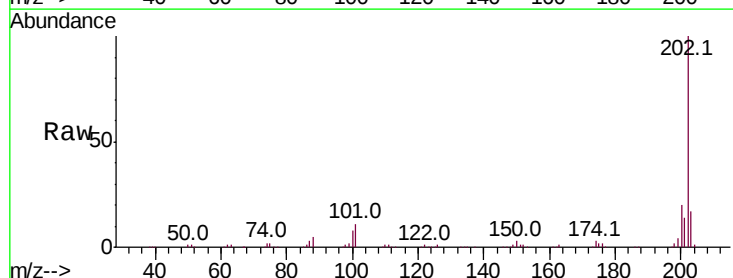
Tgt Ion:202 Resp: 290621

Ion Ratio Lower Upper

202 100

101 10.5 0.0 31.4

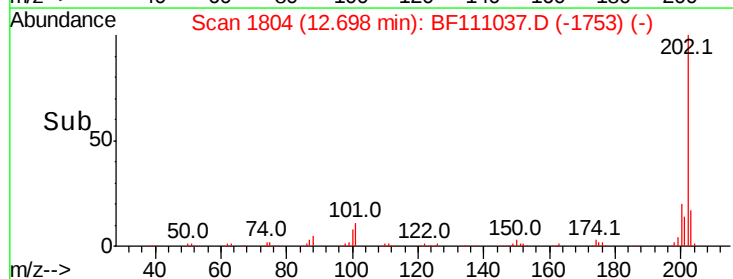
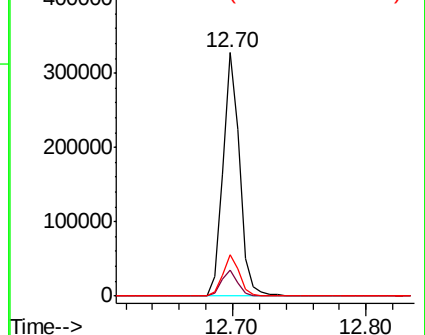
203 17.1 0.0 37.7

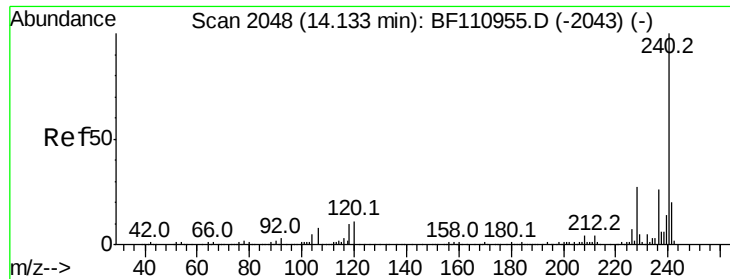


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

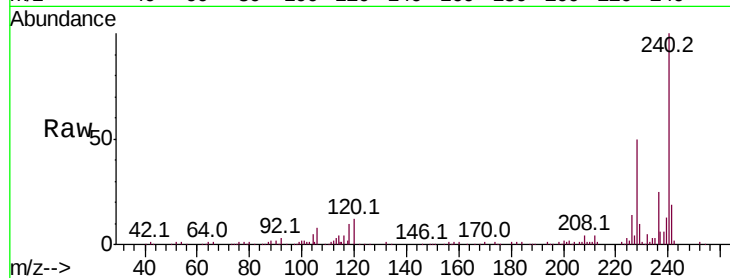




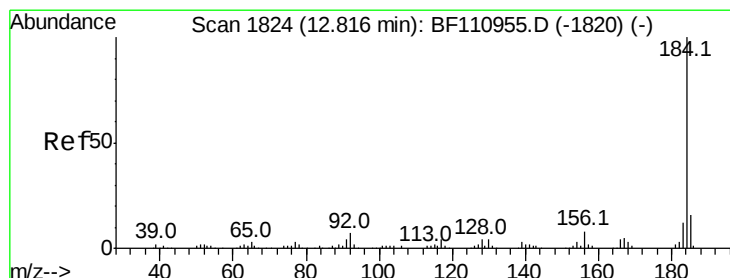
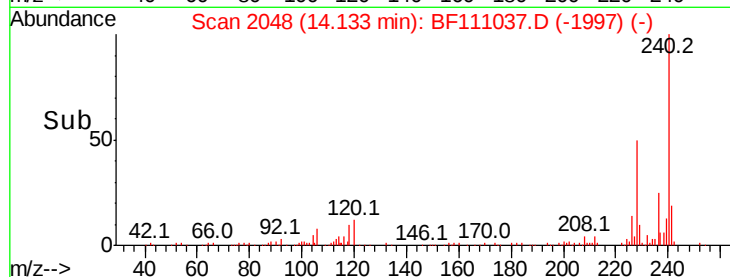
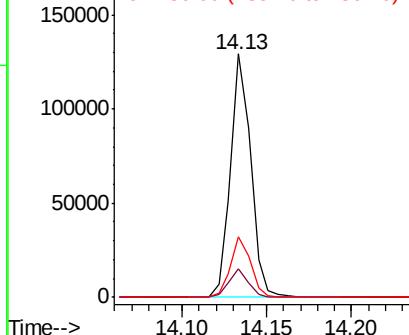
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

Tot Ion:240 Resp: 107659
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 24.8 21.2 31.8

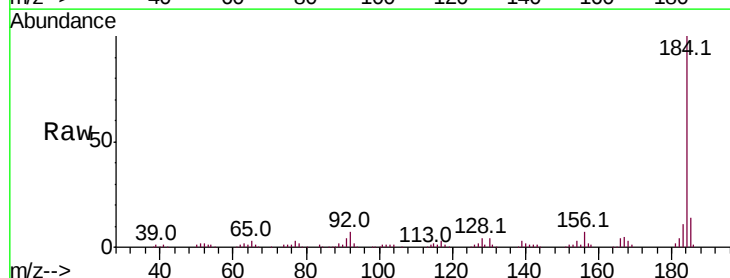


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

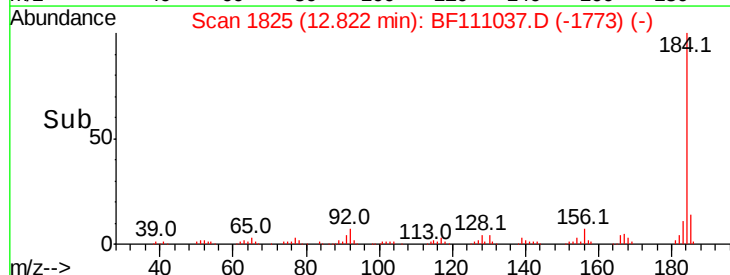
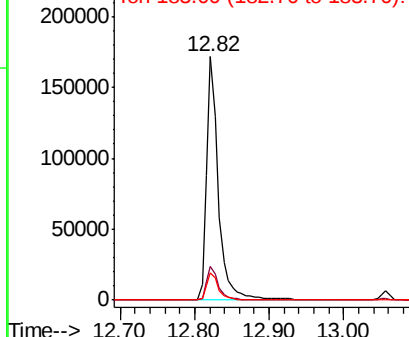


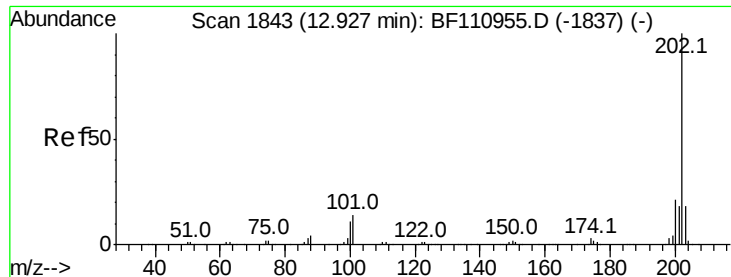
#77
Benzidine
Concen: 69.286 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion:184 Resp: 190792
Ion Ratio Lower Upper
184 100
185 13.9 13.4 20.2
183 11.4 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

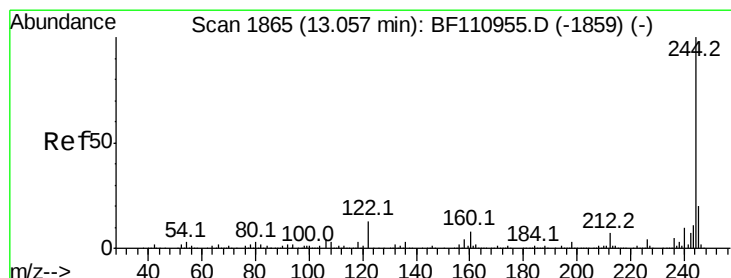
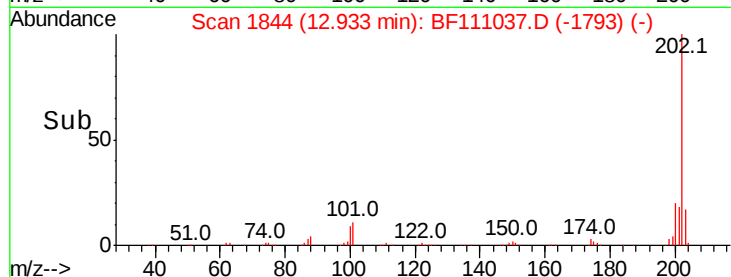
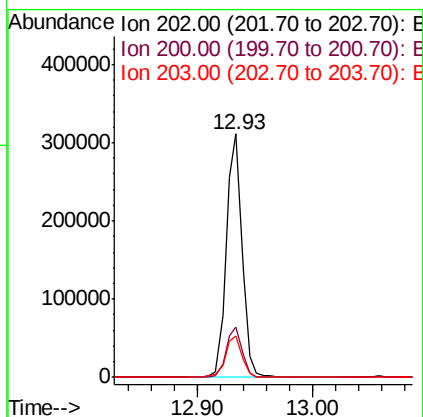
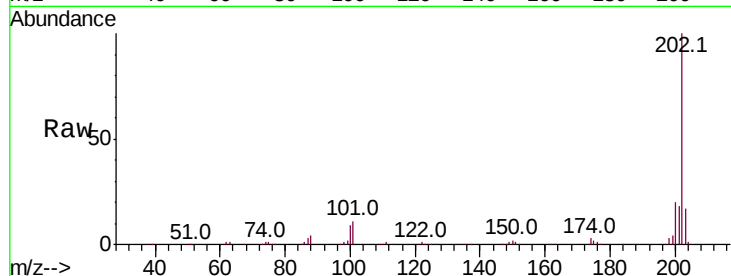




#78
Pvrene
Concen: 37.385 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

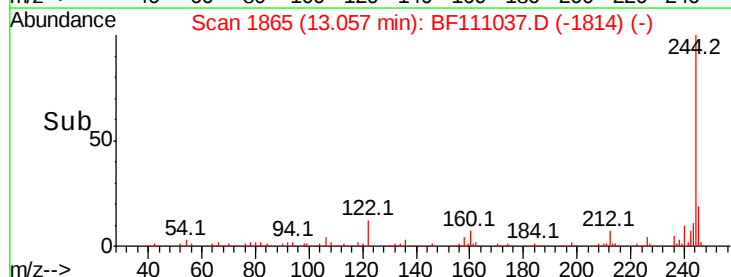
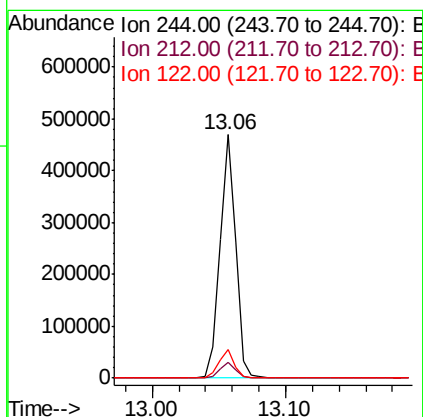
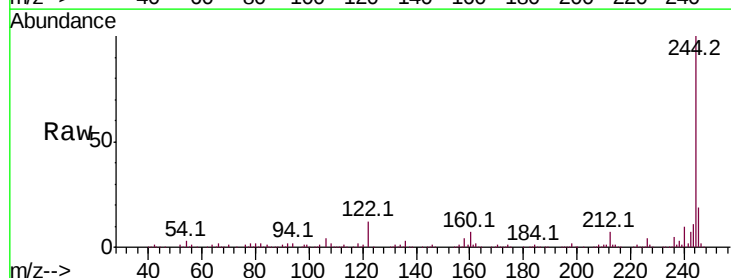
Instrument :
BNA_F
ClientSampleId :
PB115099BS

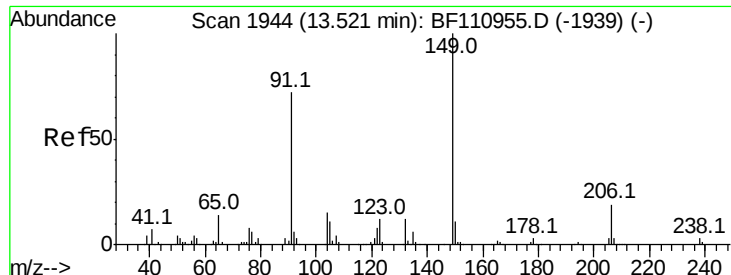
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.1	14.2	21.4



#79
Terphenyl-d14
Concen: 70.878 ng
RT: 13.06 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.6	8.7	13.1

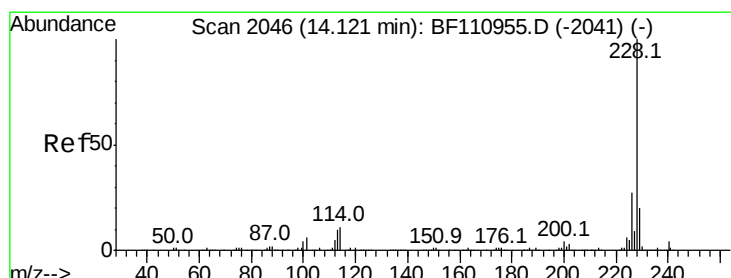
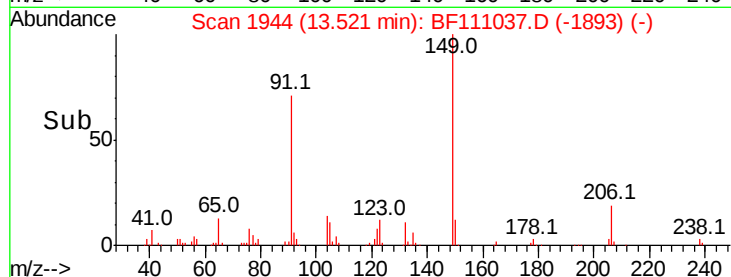
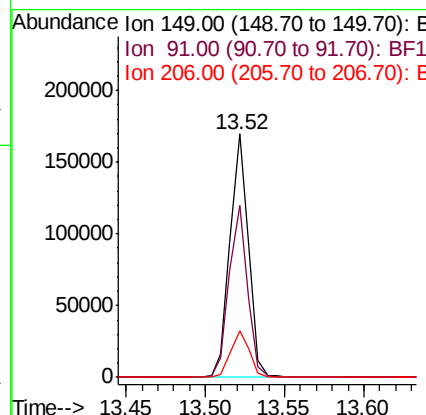
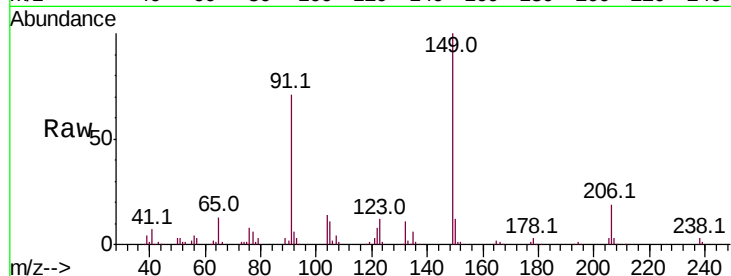




#80
Butylbenzylphthalate
Concen: 38.603 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

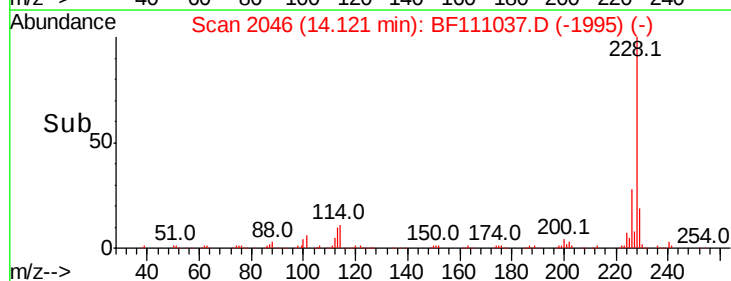
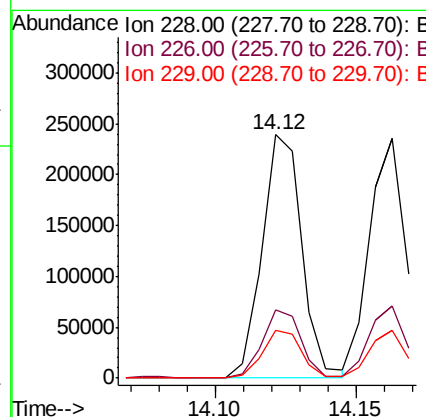
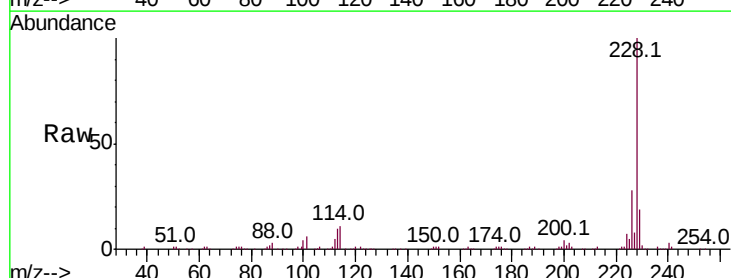
Instrument :
BNA_F
ClientSampleId :
PB115099BS

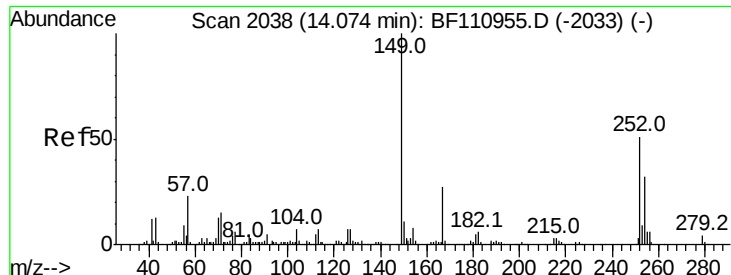
Tot Ion:149 Resp: 137043
Ion Ratio Lower Upper
149 100
91 70.7 57.2 85.8
206 19.3 15.7 23.5



#81
Benzo(a)anthracene
Concen: 36.690 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion:228 Resp: 233201
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 19.4 15.6 23.4

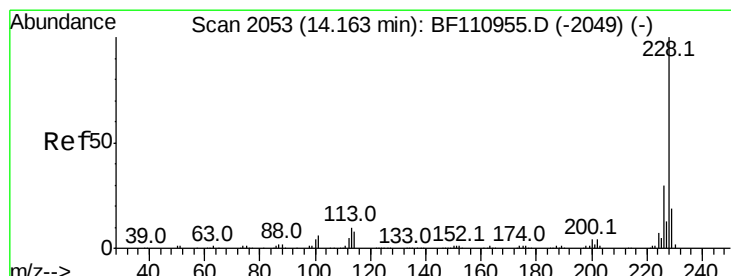
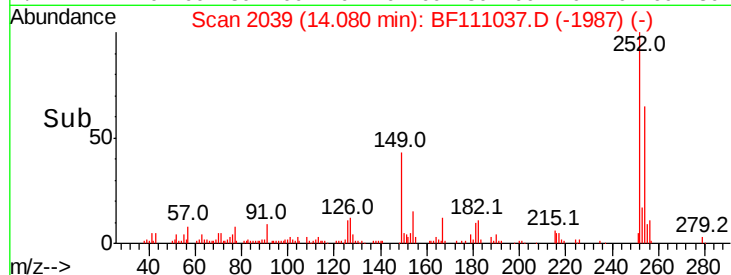
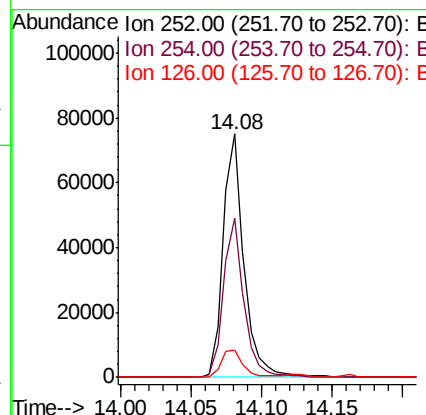
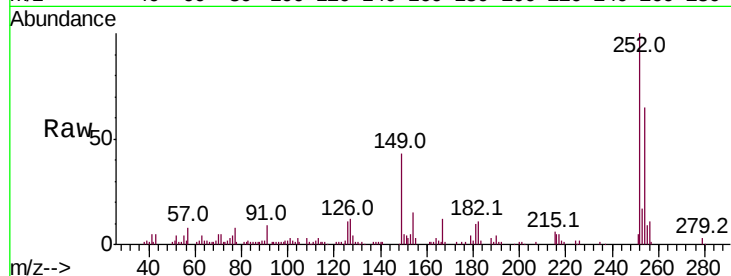




#82
 3,3'-Dichlorobenzidine
 Concen: 35.321 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

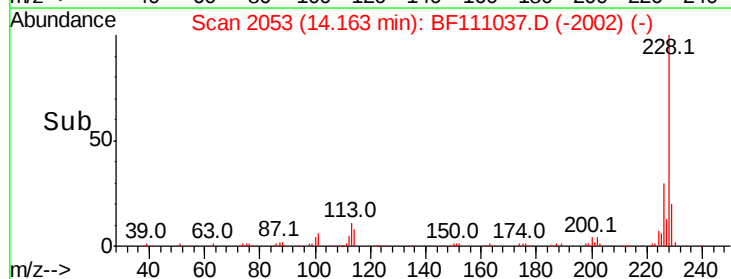
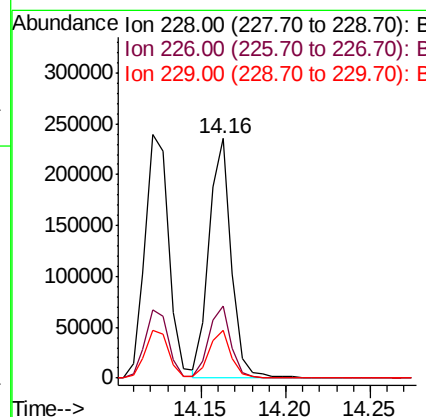
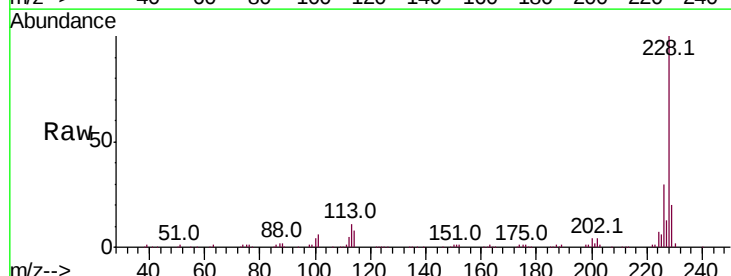
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

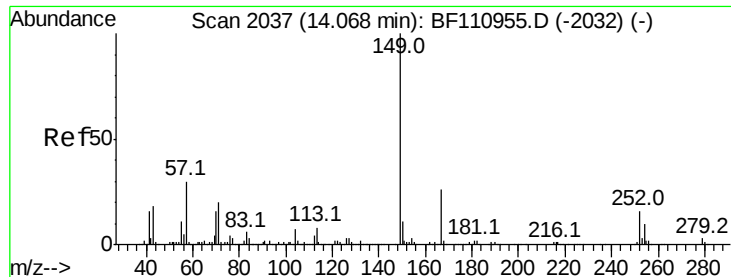
Tot Ion:	252	Resp:	76978
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.3	76.9
126	11.3	9.4	14.2



#83
 Chrysene
 Concen: 34.515 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion:	228	Resp:	215957
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	20.0	15.9	23.9

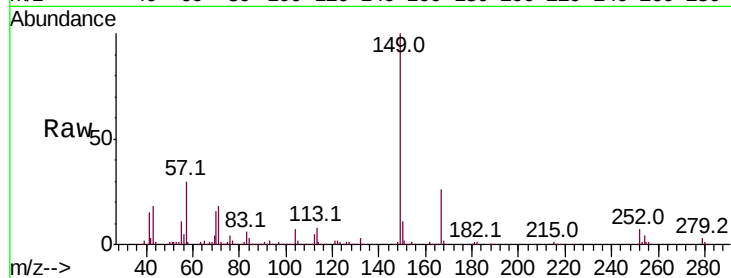




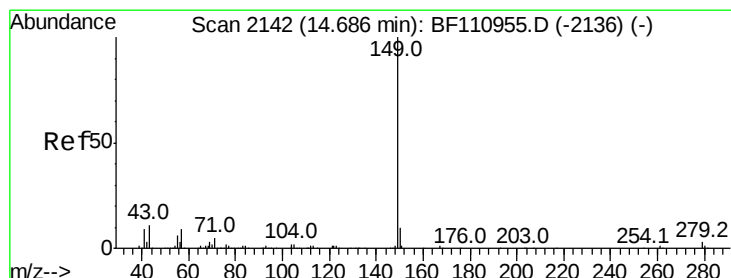
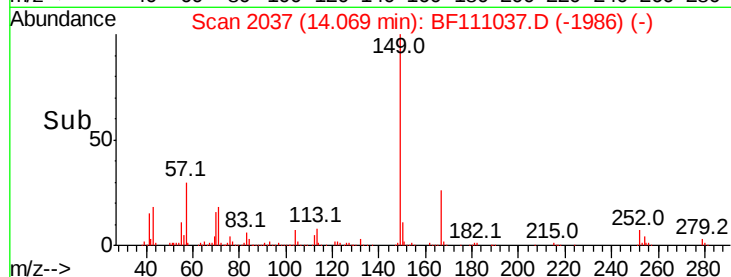
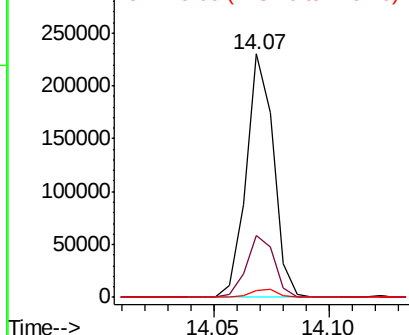
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.335 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.8	29.8
279	3.1	2.7	4.1

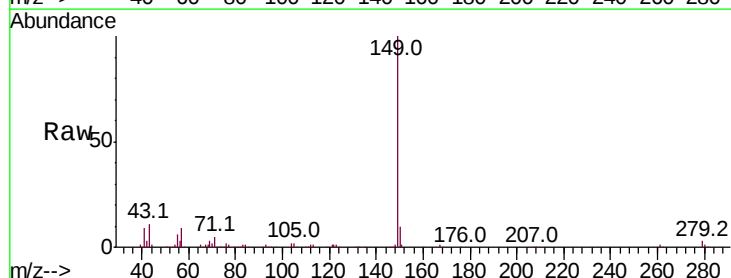


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

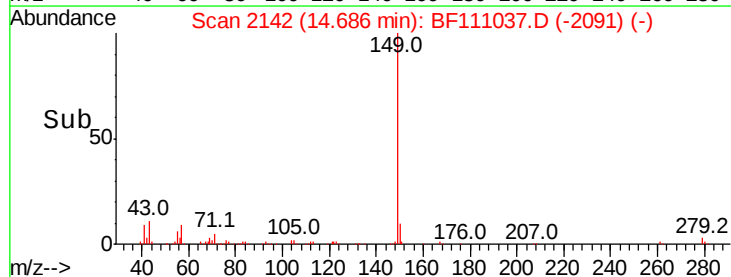
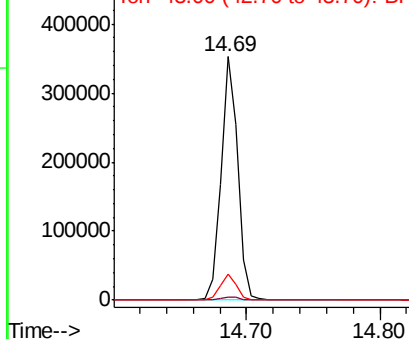


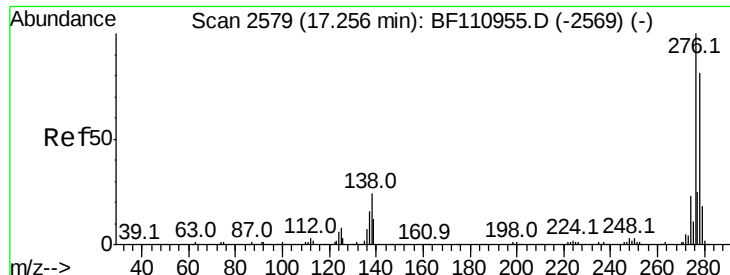
#85
 Di-n-octyl phthalate
 Concen: 41.455 ng
 RT: 14.69 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.2	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: 33.574 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

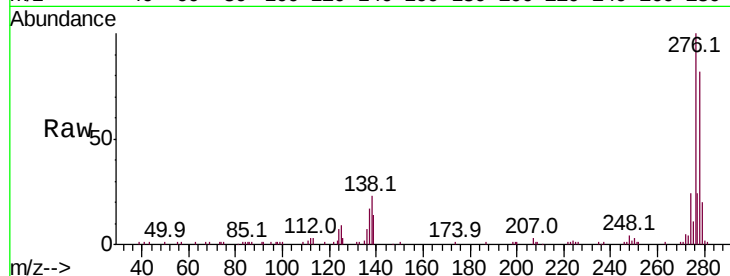
Tot Ion:276 Resp: 150789

Ion Ratio Lower Upper

276 100

138 23.8 18.5 27.7

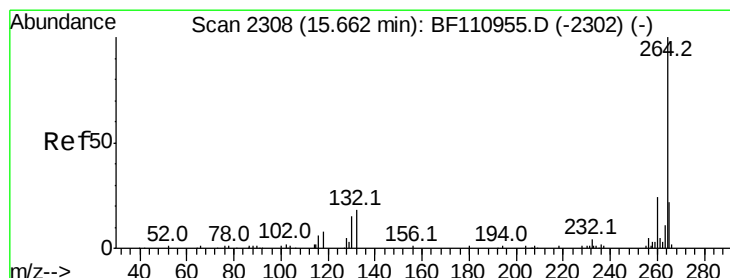
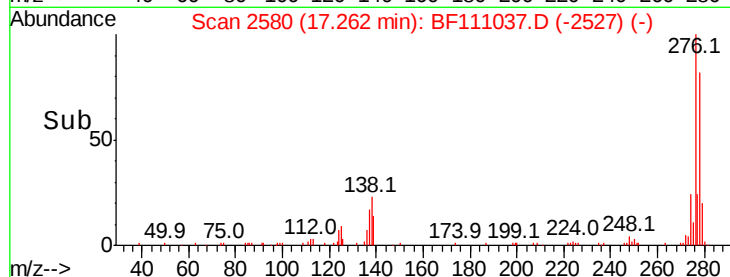
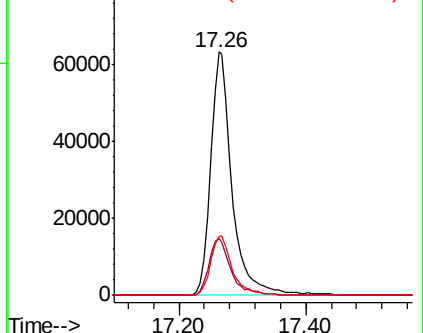
277 24.6 20.0 30.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

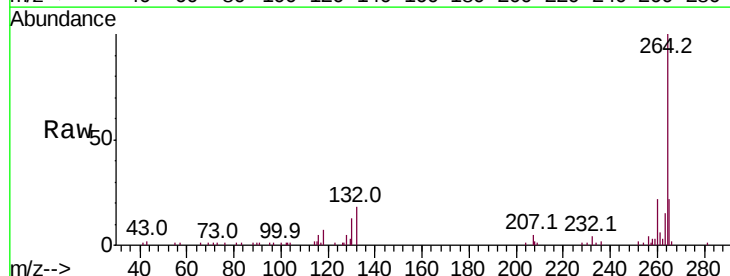
Tgt Ion:264 Resp: 70253

Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

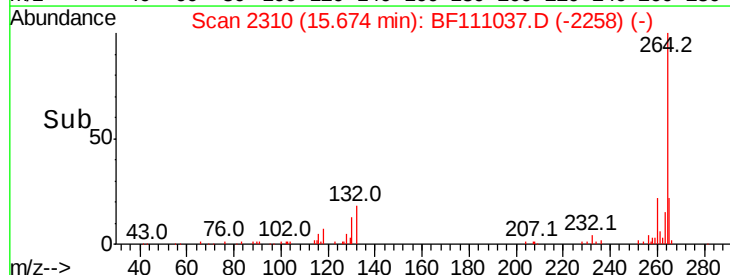
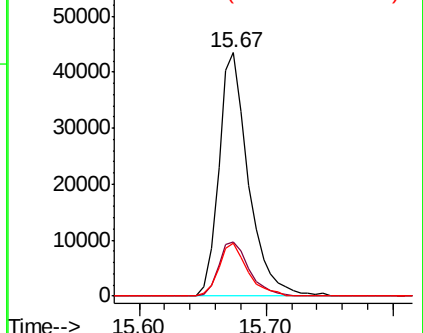
265 21.8 16.7 25.1

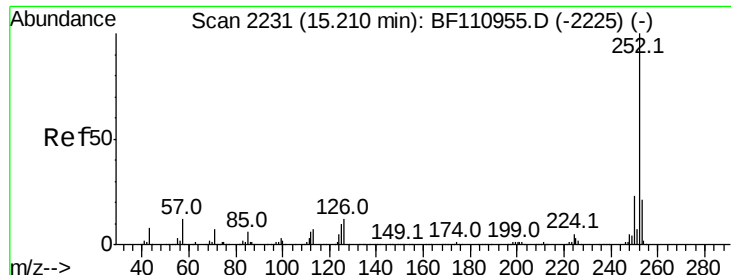


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 38.625 ng

RT: 15.21 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

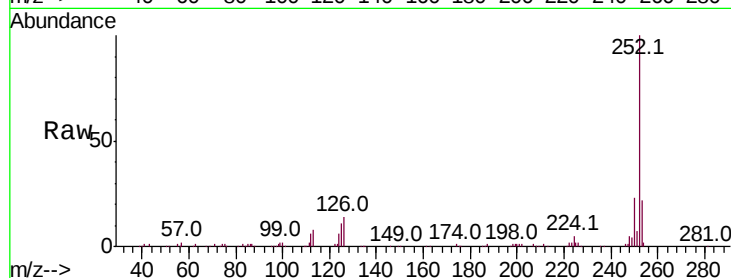
Tot Ion:252 Resp: 159410

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

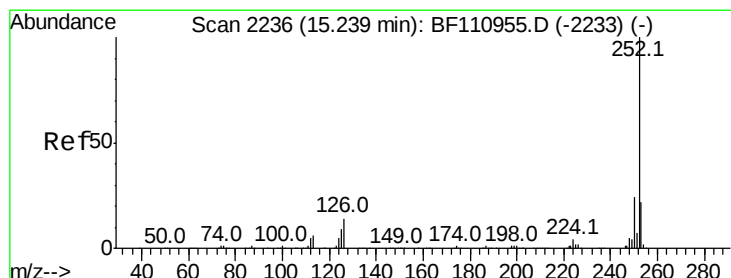
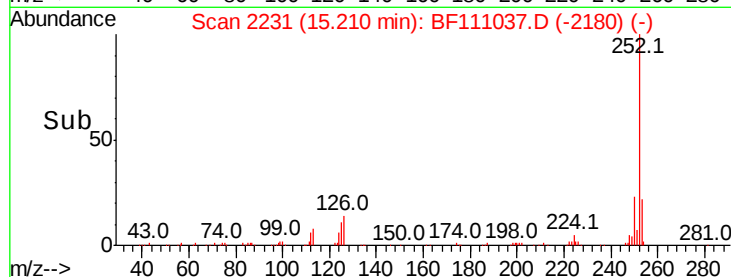
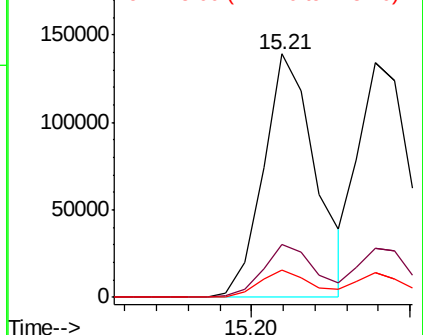
125 11.0 8.2 12.4



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: 37.058 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

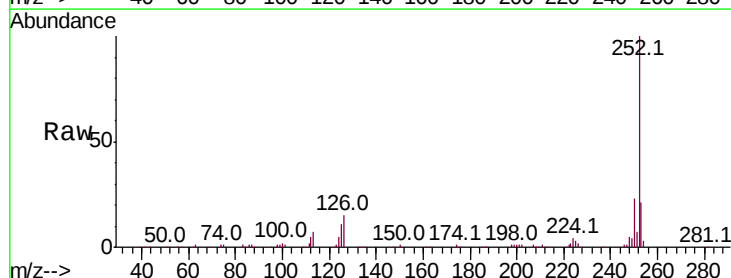
Tgt Ion:252 Resp: 157419

Ion Ratio Lower Upper

252 100

253 20.8 17.2 25.8

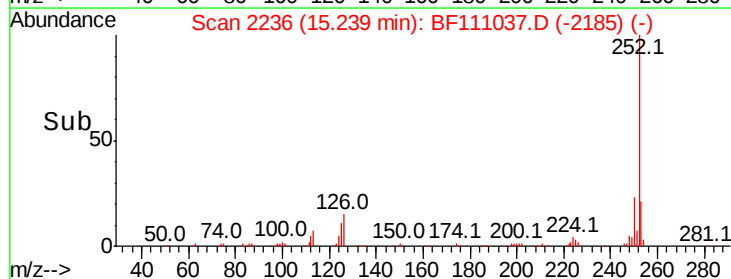
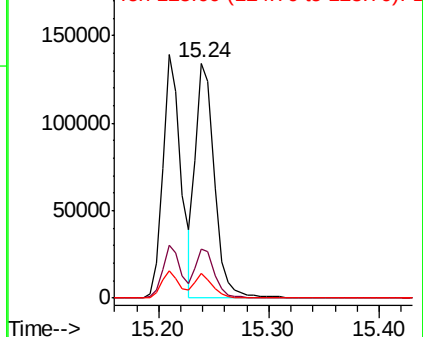
125 10.6 7.4 11.0

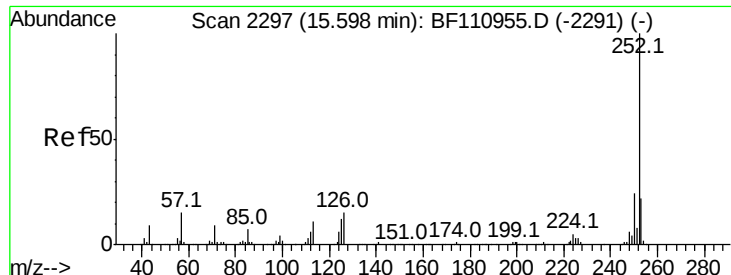


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 37.502 ng

RT: 15.61 min Scan# 2299

Delta R.T. 0.01 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampled :

PB115099BS

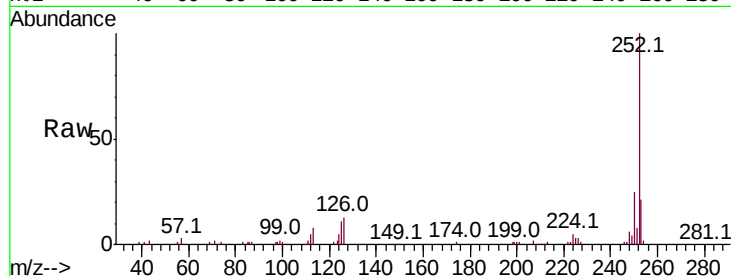
Tot Ion:252 Resp: 144070

Ion Ratio Lower Upper

252 100

253 20.7 18.2 27.4

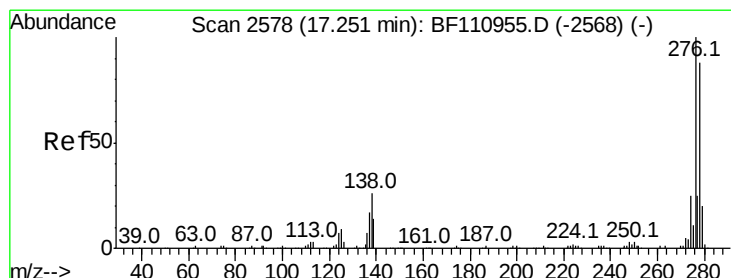
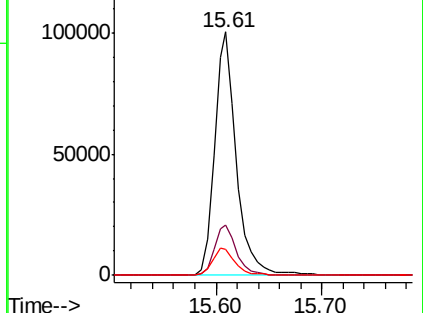
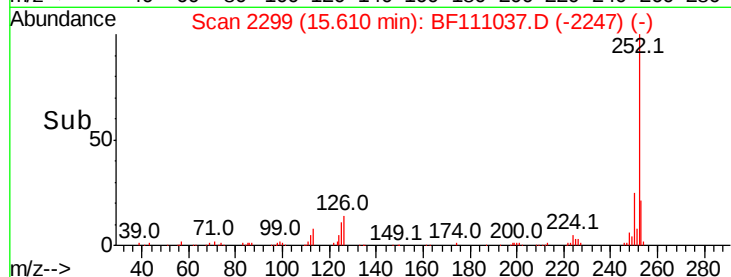
125 10.6 9.0 13.6



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: 39.498 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

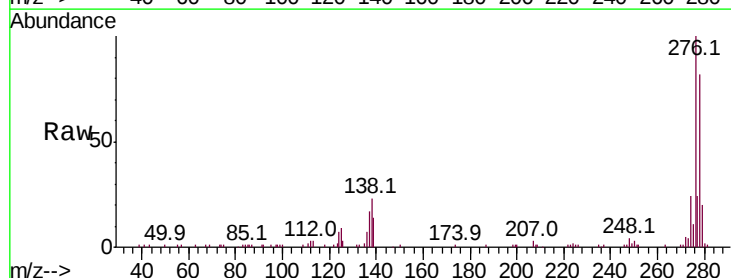
Tgt Ion:278 Resp: 125195

Ion Ratio Lower Upper

278 100

139 16.9 12.7 19.1

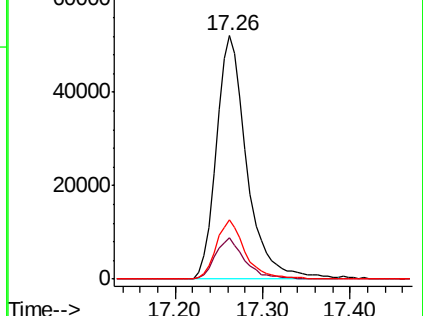
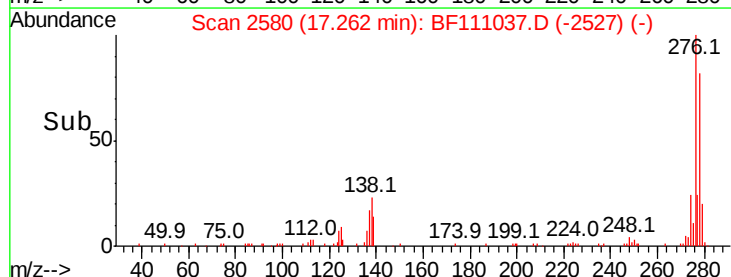
279 24.1 19.0 28.4

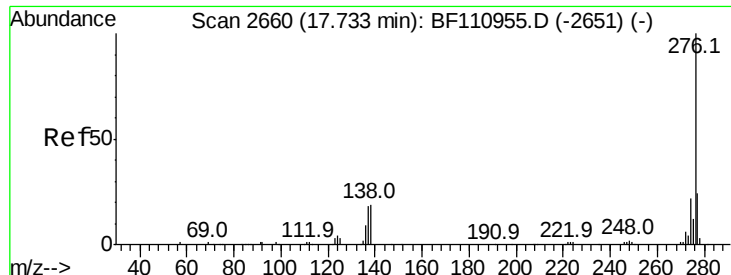


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 40.248 ng

RT: 17.76 min Scan# 2664

Delta R.T. 0.02 min

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

Instrument :

BNA_F

ClientSampleId :

PB115099BS

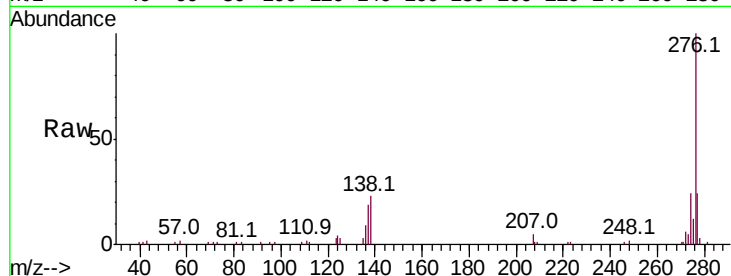
Tot Ion:276 Resp: 123004

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 22.6 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

