

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

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

						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

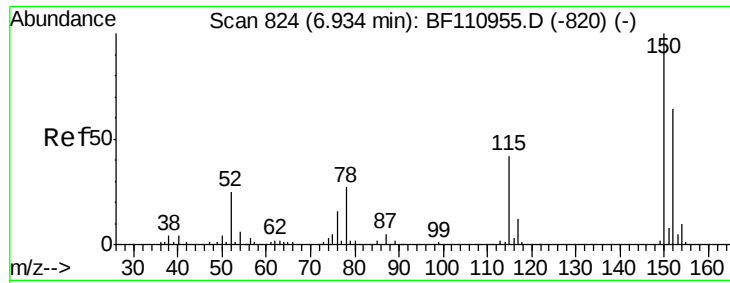
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	50979	36.241	ng	98
44) 2,4,5-Trichlorophenol	9.27	196	52438	35.403	ng	94
46) 1,1'-Biphenyl	9.40	154	236609	34.278	ng	99
47) 2-Chloronaphthalene	9.43	162	173119	34.590	ng	98
48) 2-Nitroaniline	9.53	65	54496	34.811	ng	93
49) Acenaphthylene	9.85	152	260754	36.639	ng	100
50) Dimethylphthalate	9.69	163	202890	36.949	ng	99
51) 2,6-Dinitrotoluene	9.77	165	38295	31.327	ng	93
52) Acenaphthene	10.01	154	156360	34.271	ng	98
53) 3-Nitroaniline	9.95	138	38117	26.753	ng	99
54) 2,4-Dinitrophenol	10.12	184	942	5.797	ng	# 1
55) Dibenzofuran	10.19	168	220146	33.075	ng	99
56) 4-Nitrophenol	10.12	139	42117	54.596	ng	92
57) 2,4-Dinitrotoluene	10.19	165	45437	28.649	ng	# 80
58) Fluorene	10.53	166	177219	34.222	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	43018	35.389	ng	95
60) Diethylphthalate	10.39	149	193545	34.180	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	84767	31.295	ng	99
62) 4-Nitroaniline	10.57	138	44685	33.684	ng	96
63) Azobenzene	10.67	77	172094	31.180	ng	96
66) n-Nitrosodiphenylamine	10.64	169	153756	34.408	ng	98
67) 4-Bromophenyl-phenylether	11.01	248	47252	32.322	ng	96
68) Hexachlorobenzene	11.09	284	51267	32.924	ng	95
69) Atrazine	11.16	200	49890	39.507	ng	97
70) Pentachlorophenol	11.29	266	38165	61.605	ng	98
71) Phenanthrene	11.50	178	258279	36.329	ng	99
72) Anthracene	11.56	178	274732	37.945	ng	98
73) Carbazole	11.72	167	245709	34.964	ng	98
74) Di-n-butylphthalate	12.02	149	297715	36.234	ng	99
75) Fluoranthene	12.70	202	290621	39.773	ng	98
77) Benzidine	12.82	184	190792	69.286	ng	96
78) Pyrene	12.93	202	293960	37.385	ng	97
80) Butylbenzylphthalate	13.52	149	137043	38.603	ng	99
81) Benzo(a)anthracene	14.12	228	233201	36.690	ng	100
82) 3,3'-Dichlorobenzidine	14.08	252	76978	35.321	ng	98
83) Chrysene	14.16	228	215957	34.515	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	190802	40.335	ng	98
85) Di-n-octyl phthalate	14.69	149	309542	41.455	ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	150789	33.574	ng	99
88) Benzo(b)fluoranthene	15.21	252	159410	38.625	ng	99
89) Benzo(k)fluoranthene	15.24	252	157419	37.058	ng	98
90) Benzo(a)pyrene	15.61	252	144070	37.502	ng	97
91) Dibenzo(a,h)anthracene	17.26	278	125195	39.498	ng	99
92) Benzo(g,h,i)perylene	17.76	276	123004	40.248	ng	96

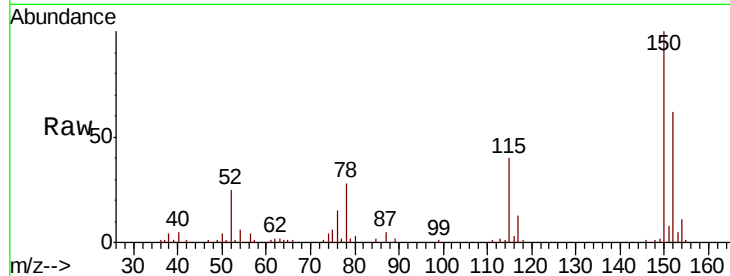
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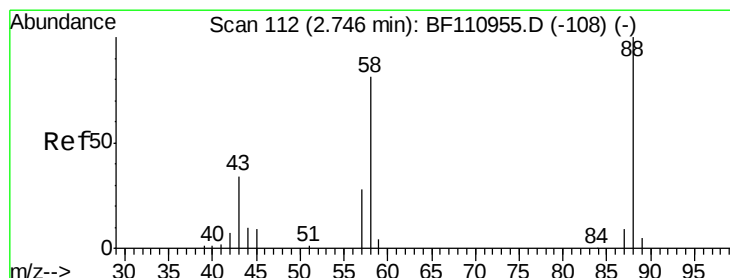
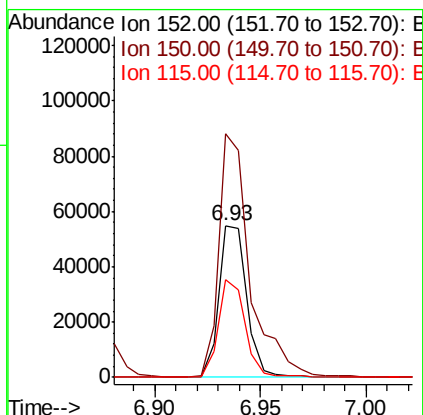
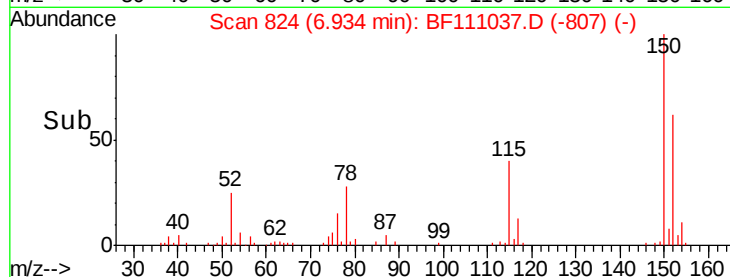
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

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

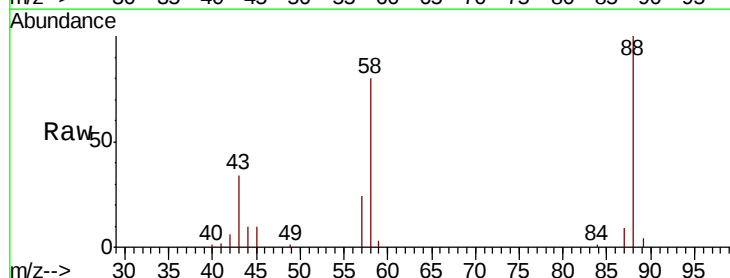


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

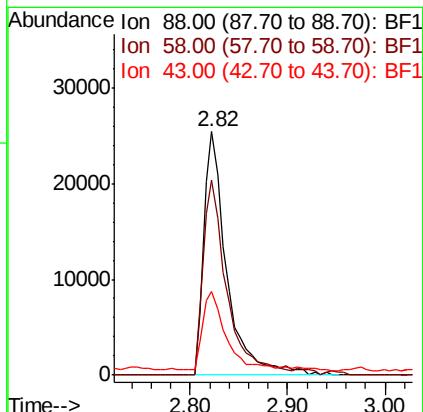
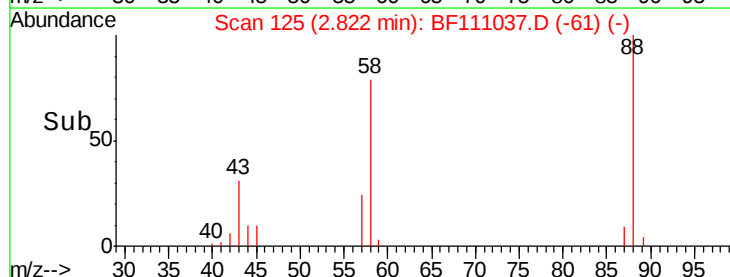


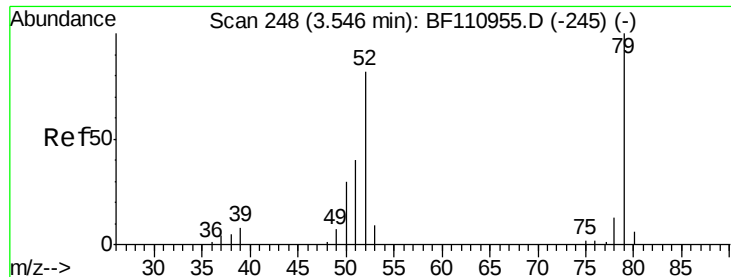
#2
 1,4-Dioxane
 Concen: 28.502 ng
 RT: 2.82 min Scan# 125
 Delta R.T. 0.08 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

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

Pyridine

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

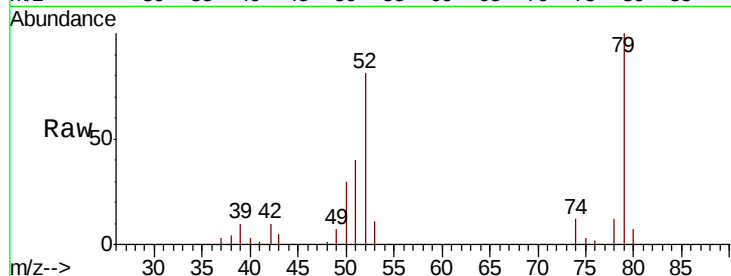
Tgt Ion: 79 Resp: 104617

Ion Ratio Lower Upper

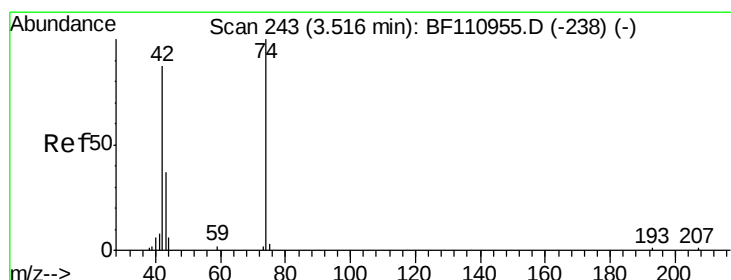
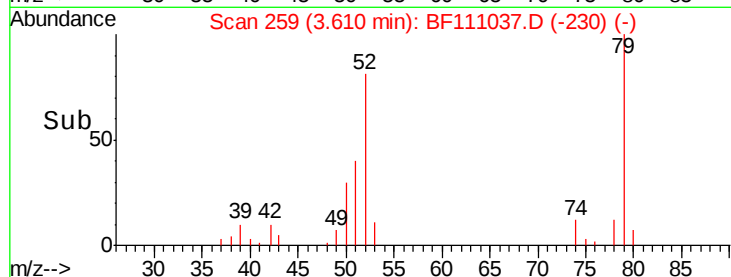
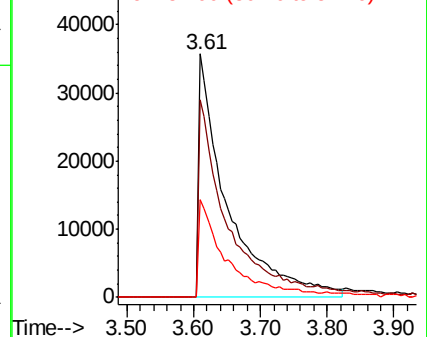
79 100

52 81.3 53.1 79.7#

51 40.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 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

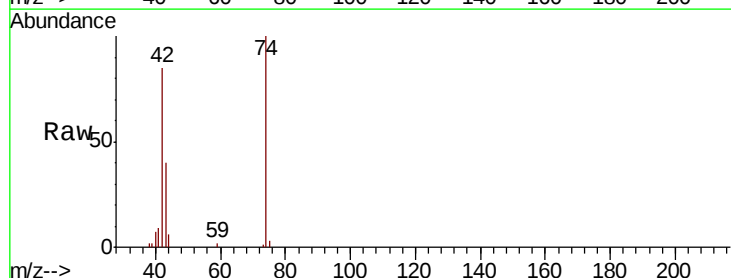
Tgt Ion: 42 Resp: 52643

Ion Ratio Lower Upper

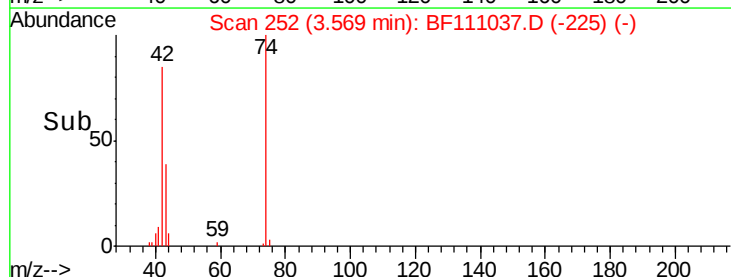
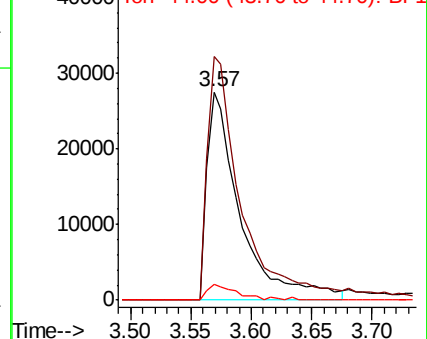
42 100

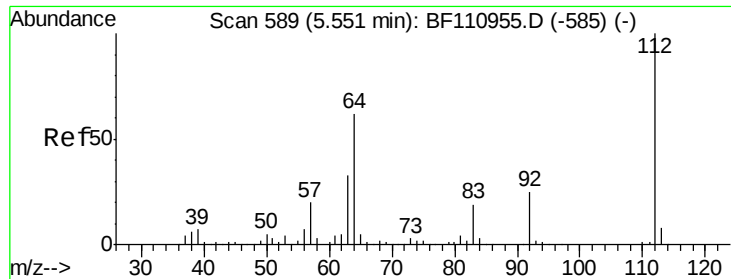
74 117.0 105.5 158.3

44 7.6 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

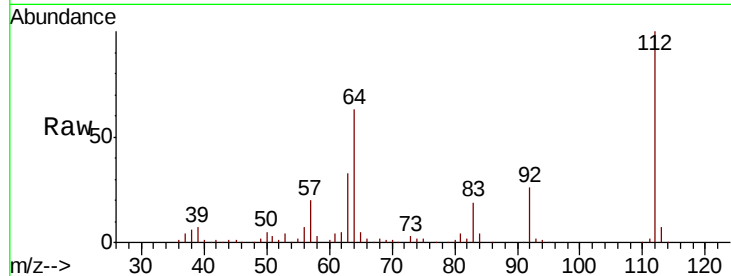




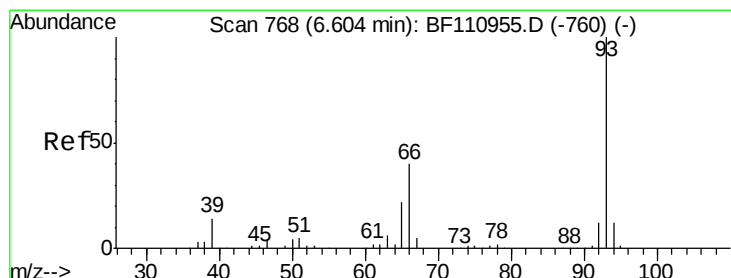
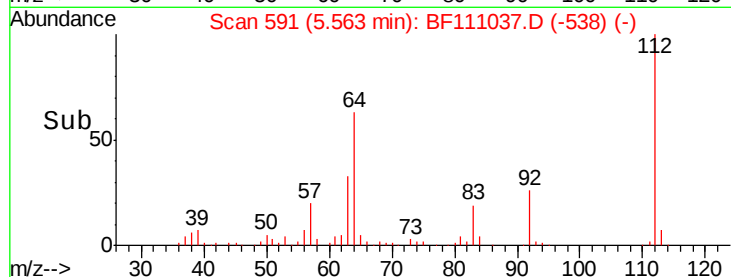
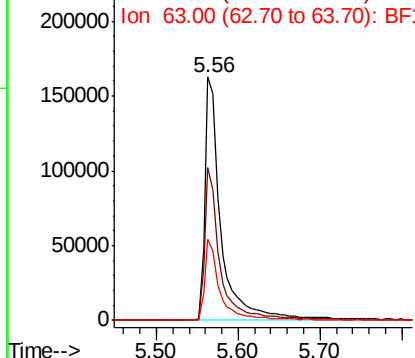
#5
2-Fluorophenol
Concen: 74.403 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.7	44.1	66.1
63	33.2	23.7	35.5

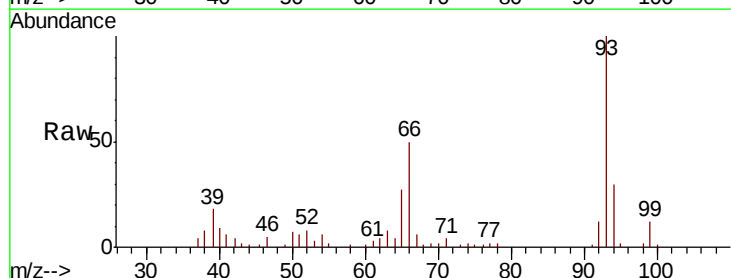


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

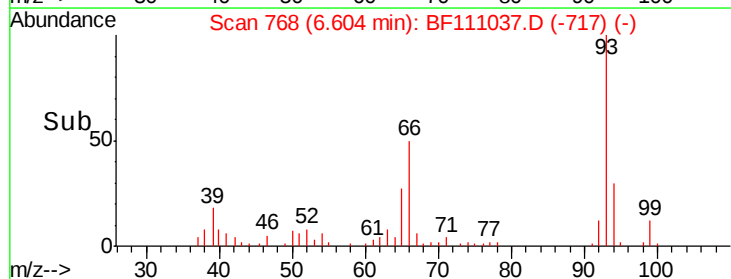
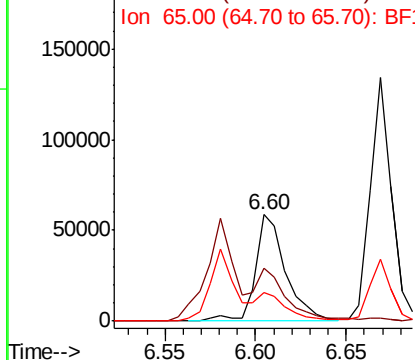


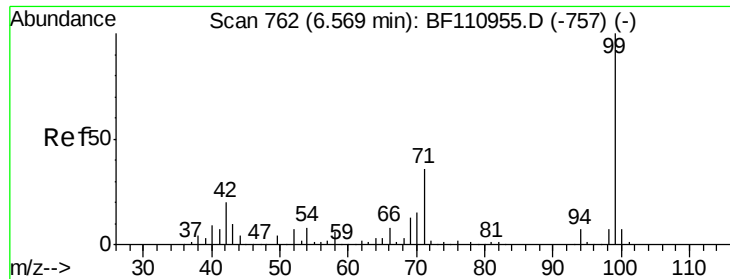
#6
Aniline
Concen: 13.962 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt Ion	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 :

BNA_F

ClientSampleId :

PB115099BS

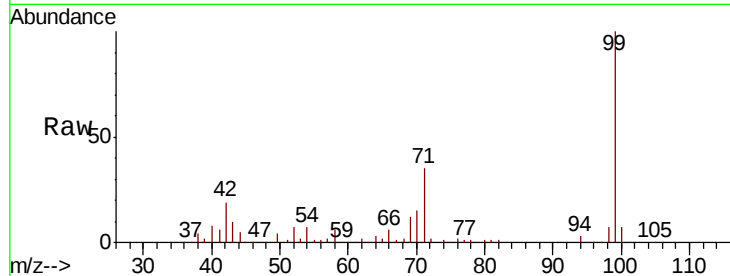
Tgt Ion: 99 Resp: 266782

Ion Ratio Lower Upper

99 100

42 19.4 15.8 23.6

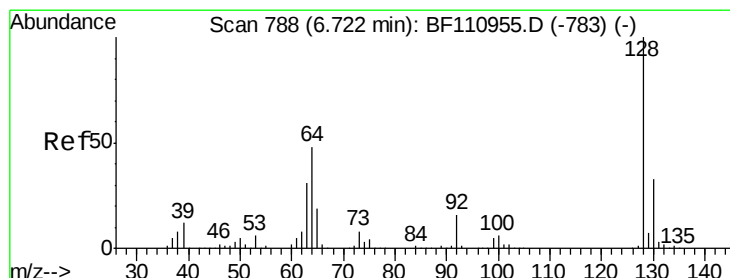
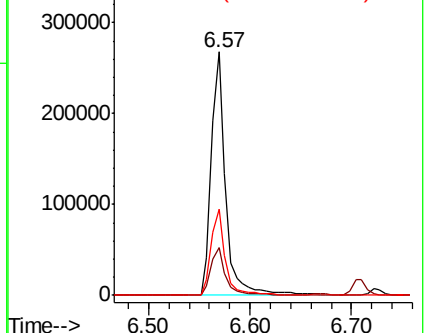
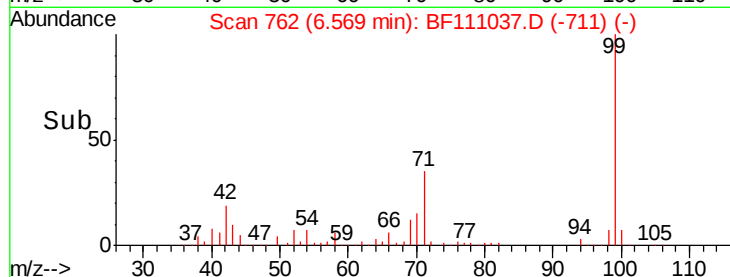
71 35.2 28.0 42.0



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

Lab File: BF111037.D

Acq: 28 Nov 2018 4:49

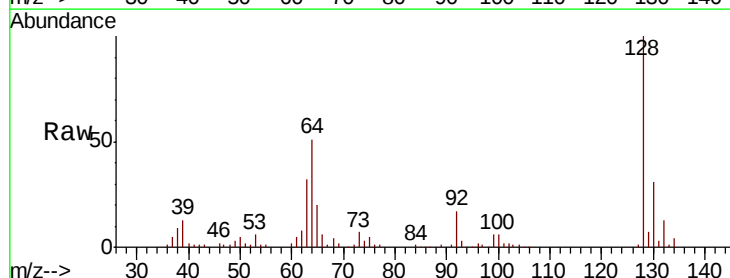
Tgt Ion: 128 Resp: 121090

Ion Ratio Lower Upper

128 100

130 31.4 13.1 53.1

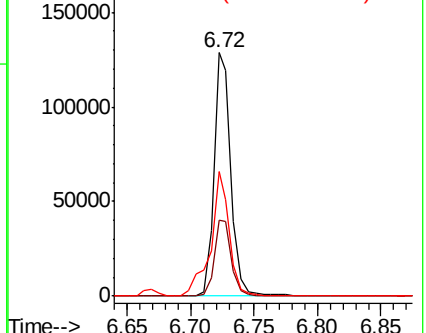
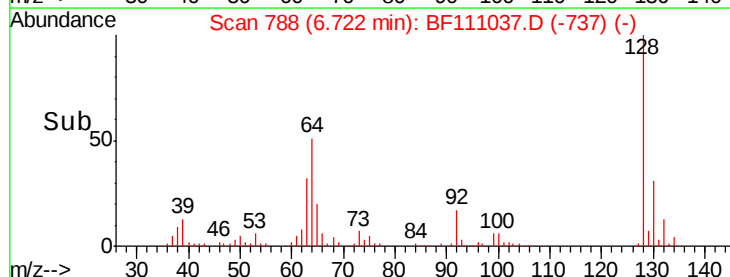
64 51.0 26.0 66.0

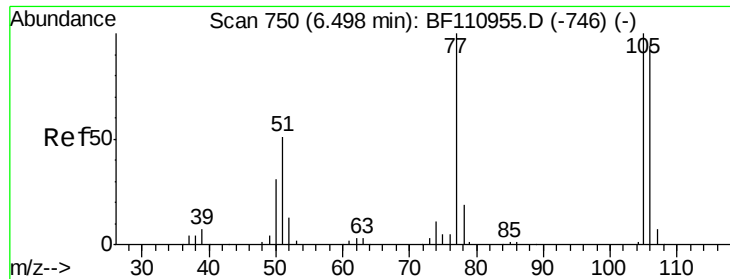


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

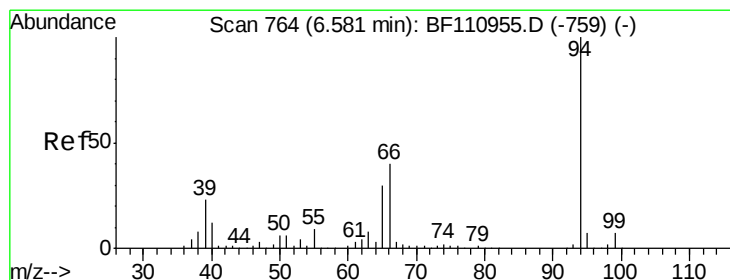
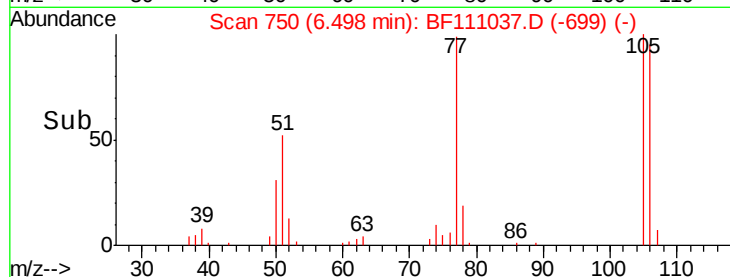
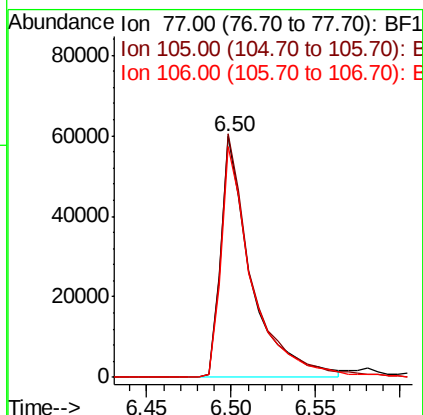
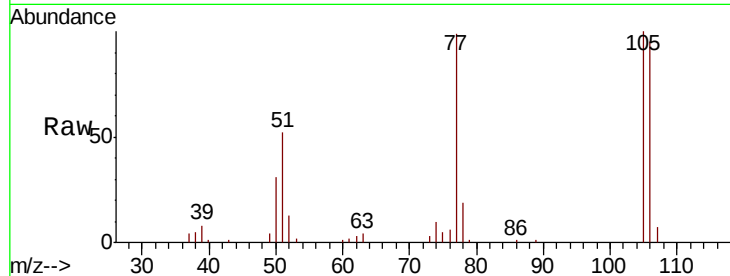




#9
Benzaldehyde
Concen: 34.362 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

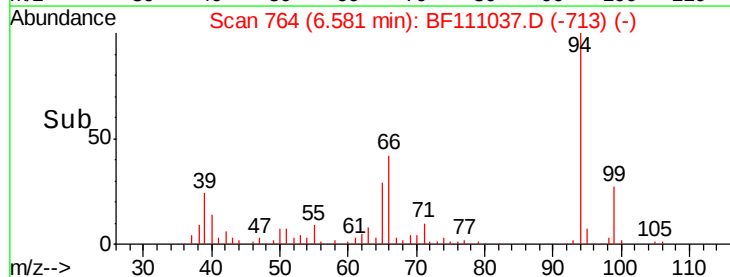
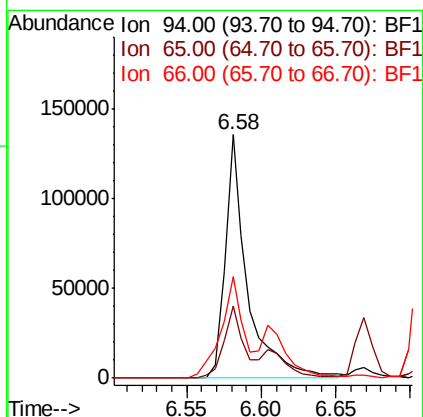
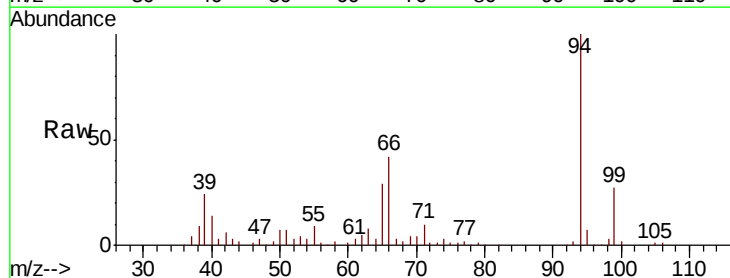
Instrument :
BNA_F
ClientSampleId :
PB115099BS

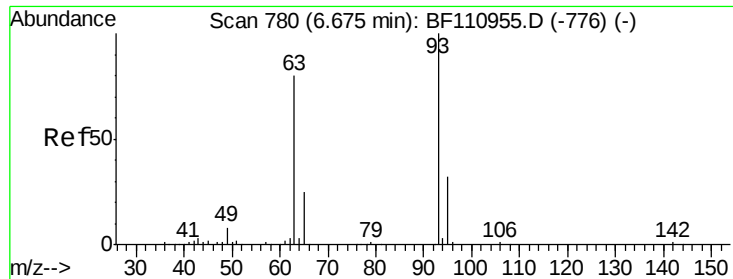
Tgt Ion: 77 Resp: 75241
Ion Ratio Lower Upper
77 100
105 101.2 78.6 118.6
106 95.9 74.8 114.8



#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#

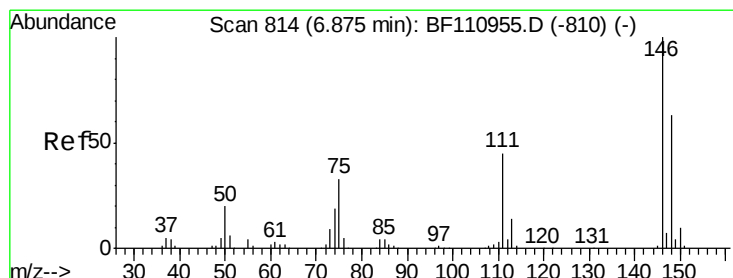
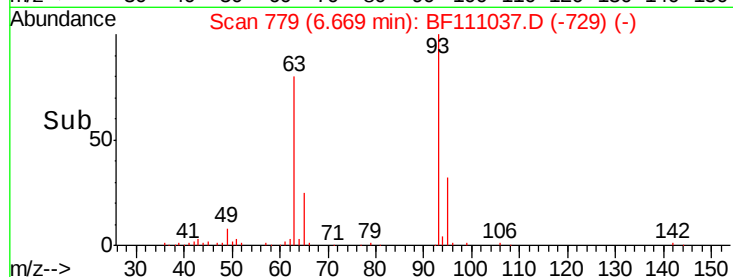
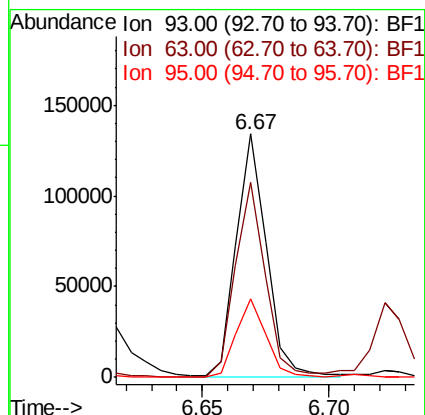
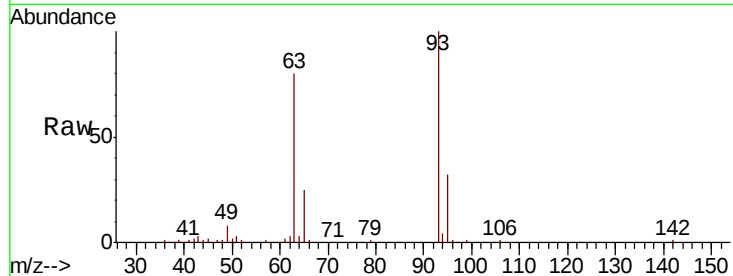




#11
bis(2-Chloroethyl)ether
Concen: 33.608 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

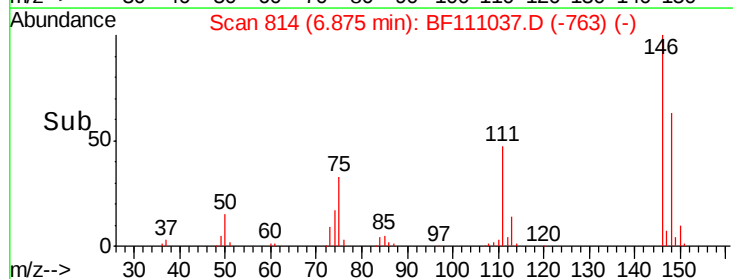
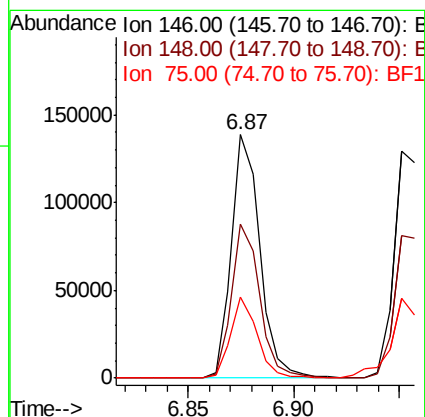
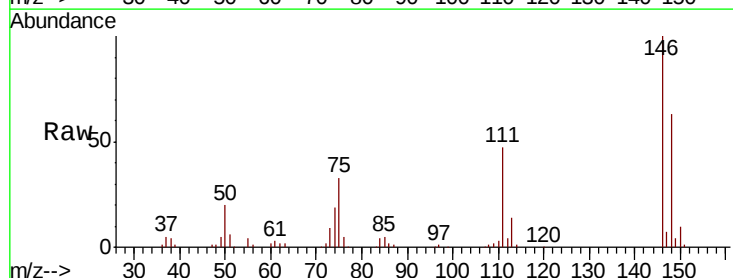
Instrument :
BNA_F
ClientSampleId :
PB115099BS

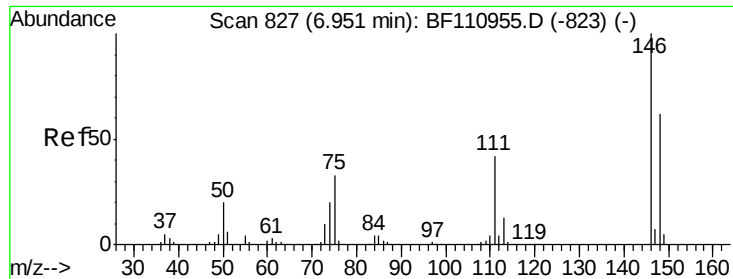
Tgt Ion: 93 Resp: 112523
Ion Ratio Lower Upper
93 100
63 80.0 53.4 93.4
95 32.5 12.1 52.1



#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

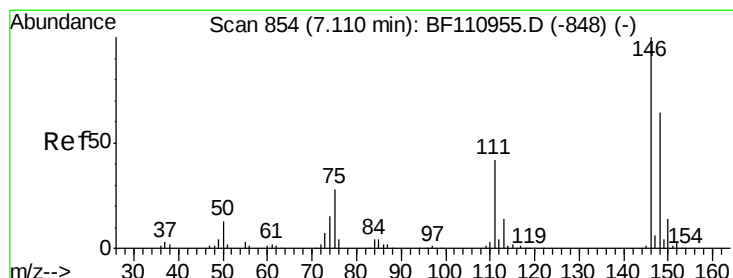
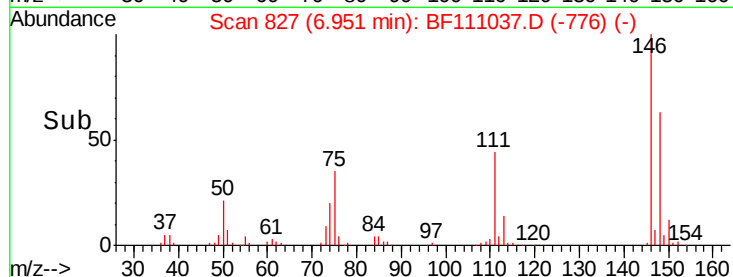
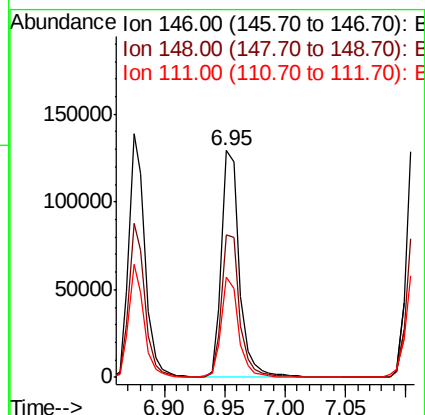
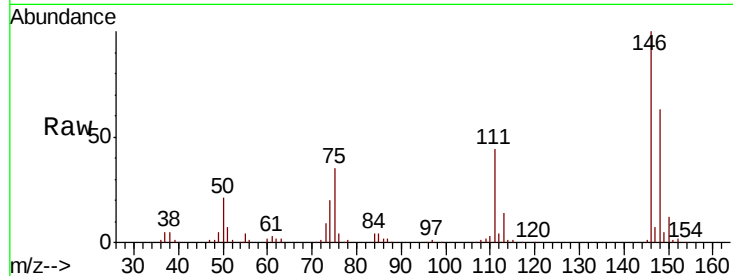




#13
 1,4-Dichlorobenzene
 Concen: 32.708 ng
 RT: 6.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

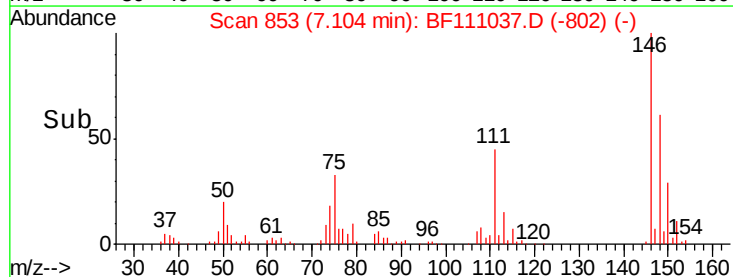
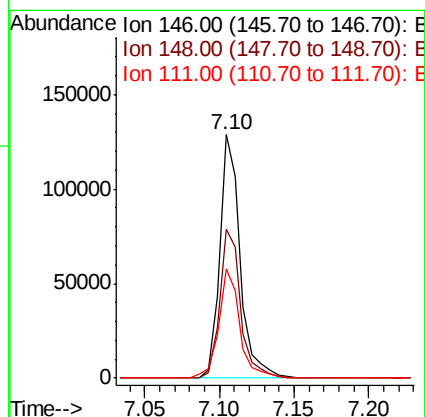
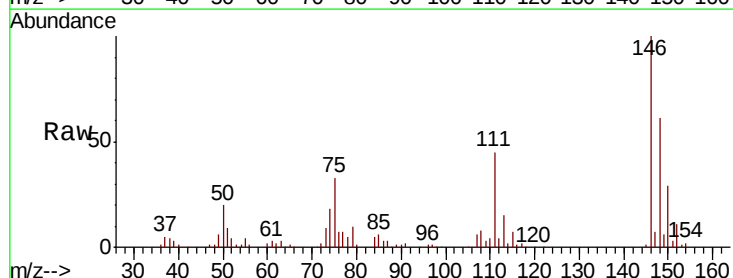
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

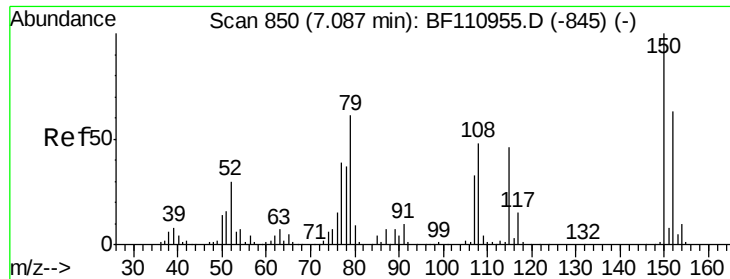
Tgt Ion:146 Resp: 132604
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.3 75.5
 111 44.3 32.7 49.1



#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

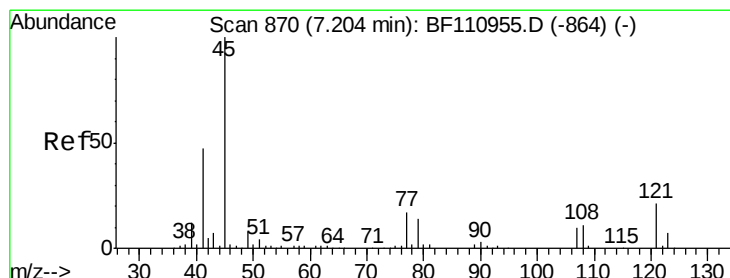
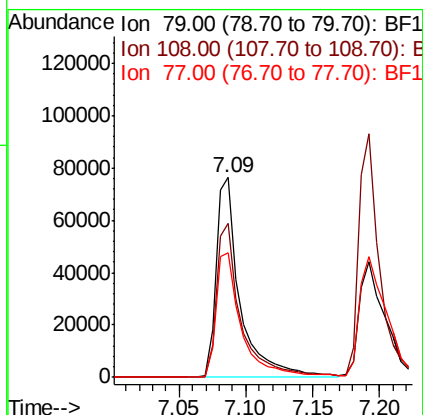
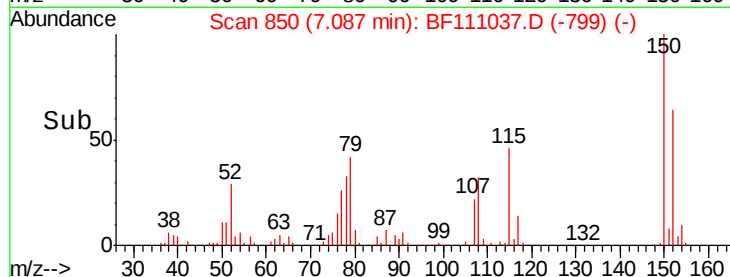
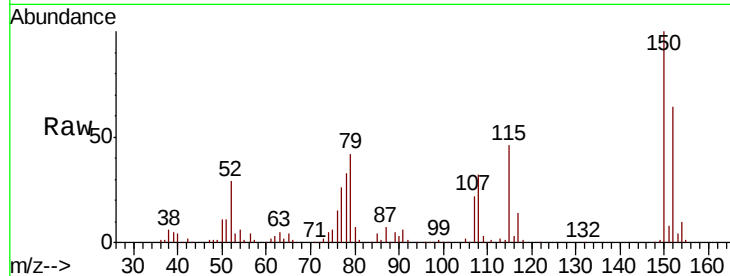




#15
Benzyl Alcohol
Concen: 31.917 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

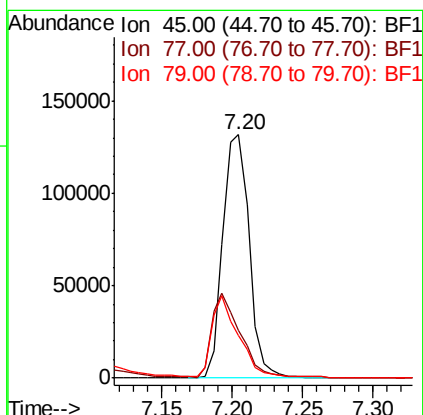
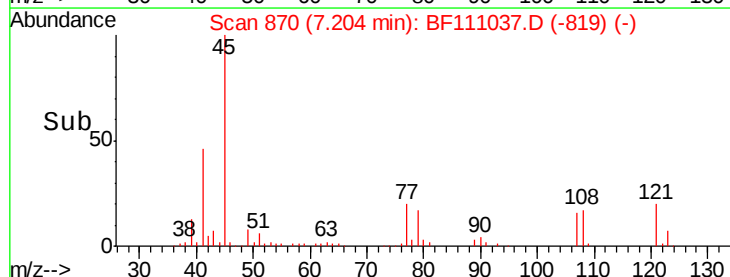
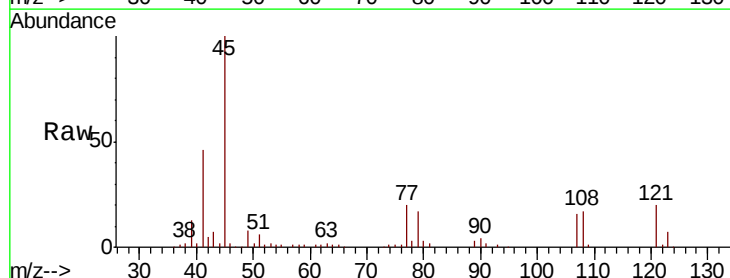
Instrument :
BNA_F
ClientSampleId :
PB115099BS

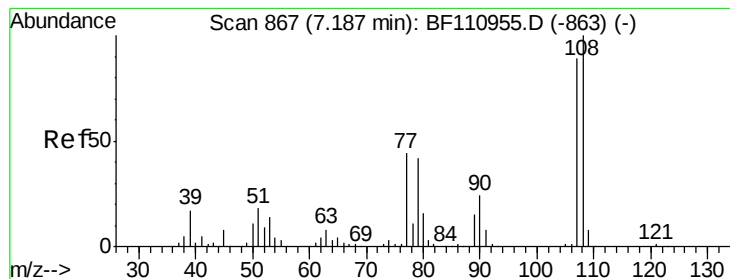
Tgt Ion: 79 Resp: 96792
Ion Ratio Lower Upper
79 100
108 77.1 56.3 84.5
77 62.5 52.9 79.3



#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





#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

Tgt Ion:107 Resp: 90213

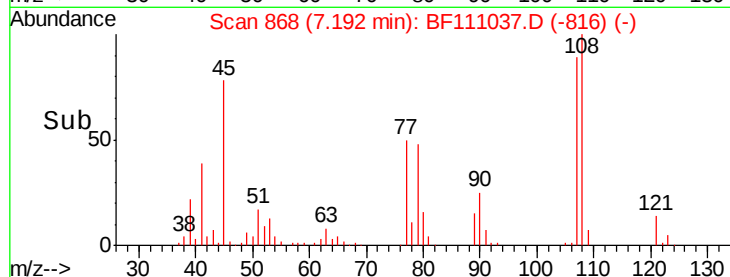
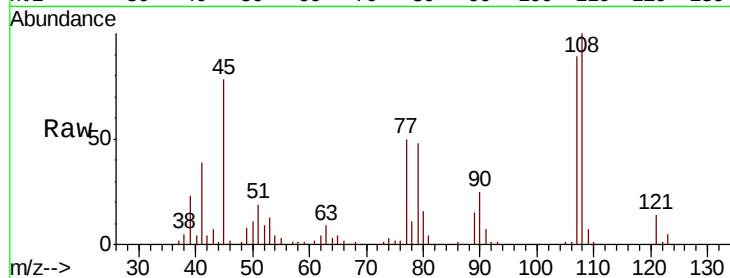
Ion Ratio Lower Upper

107 100

108 112.0 92.6 138.8

77 55.6 59.4 89.2#

79 53.4 54.0 81.0#

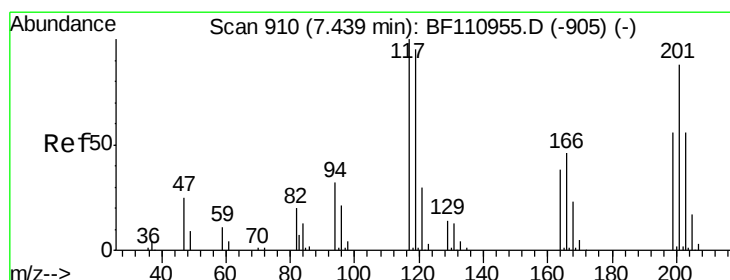
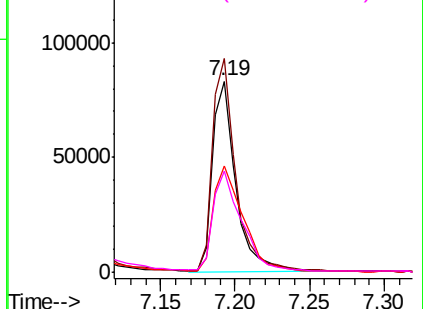


Abundance Ion 107.00 (106.70 to 107.70): E

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

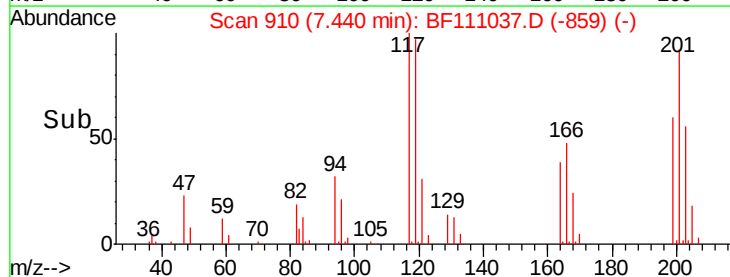
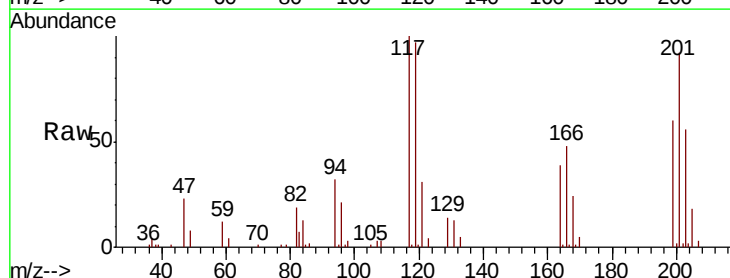
Tgt Ion:117 Resp: 38627

Ion Ratio Lower Upper

117 100

119 97.3 75.0 112.6

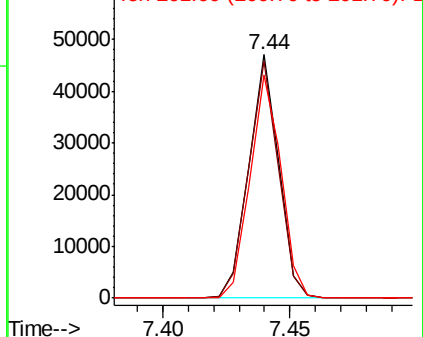
201 91.7 79.2 118.8

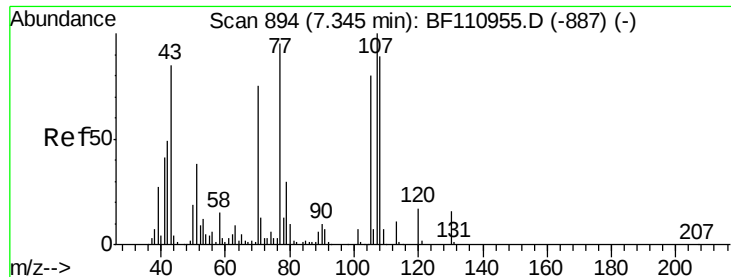


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

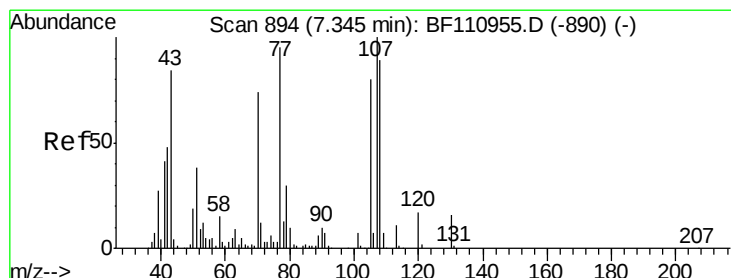
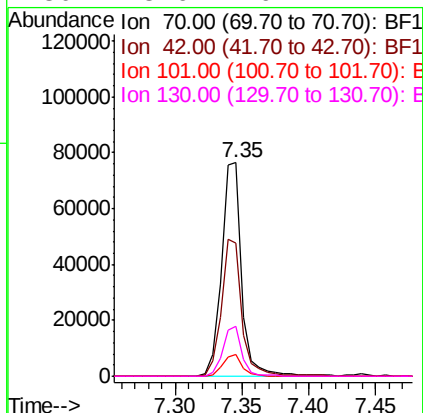
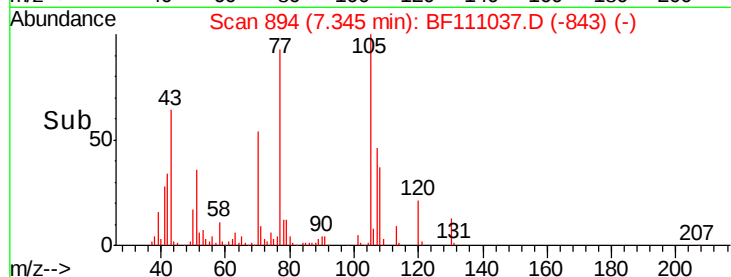
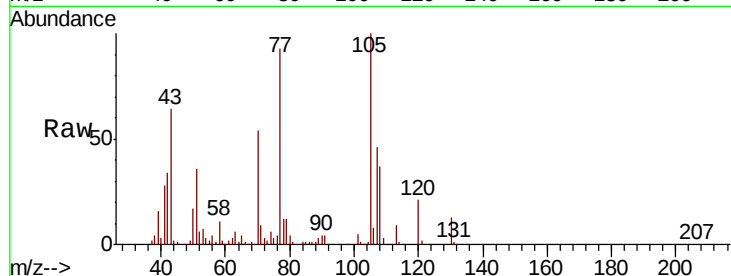




#19
n-Nitroso-di-n-propylamine
Concen: 31.707 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

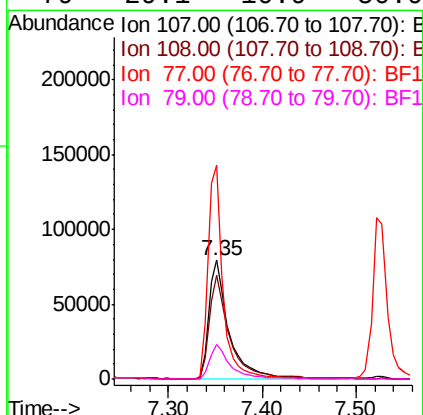
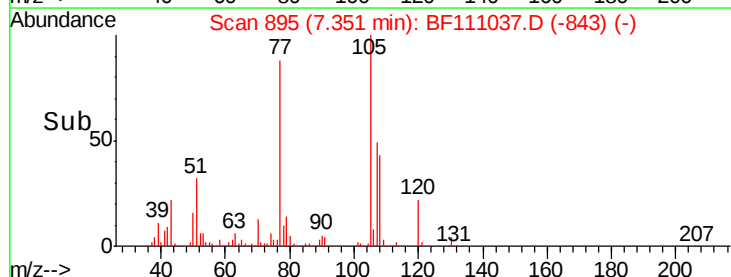
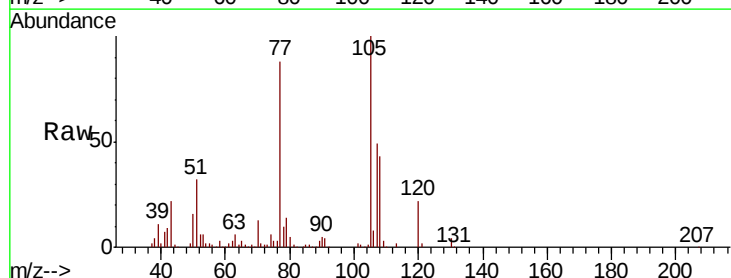
Instrument :
BNA_F
ClientSampleId :
PB115099BS

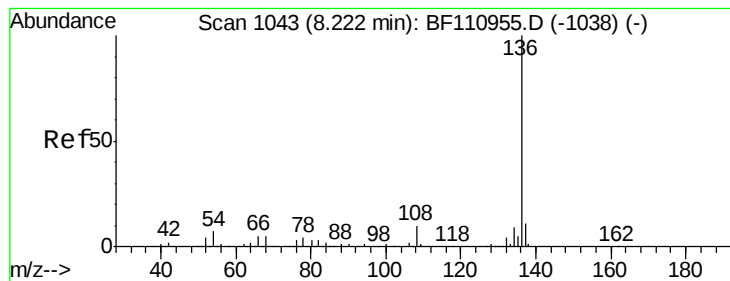
Tgt Ion:	70	Resp:	81504
Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.4	71.2
101	10.1	7.3	10.9
130	23.6	16.2	24.2



#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

Tgt Ion:136 Resp: 187389

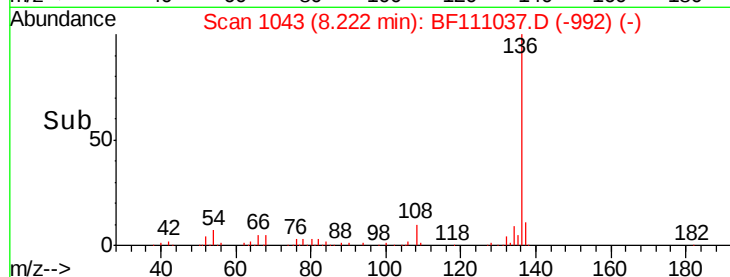
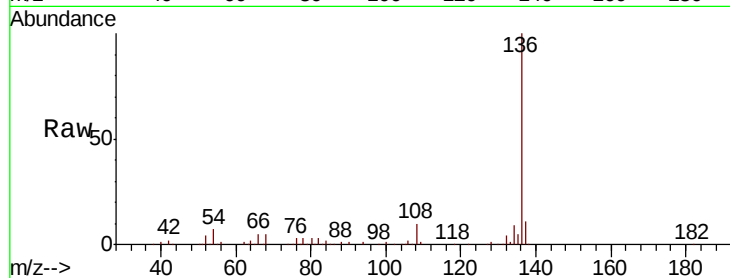
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.4 5.4 8.2

68 4.6 4.2 6.2



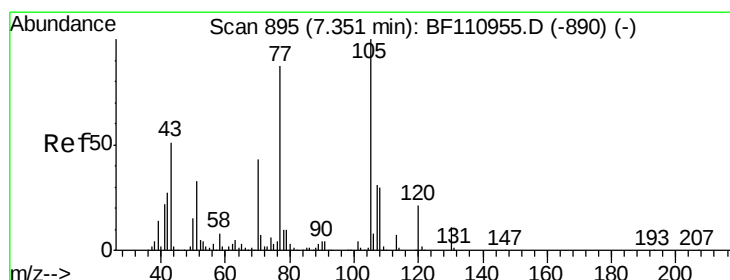
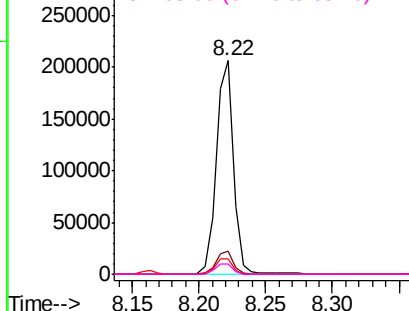
Abundance

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

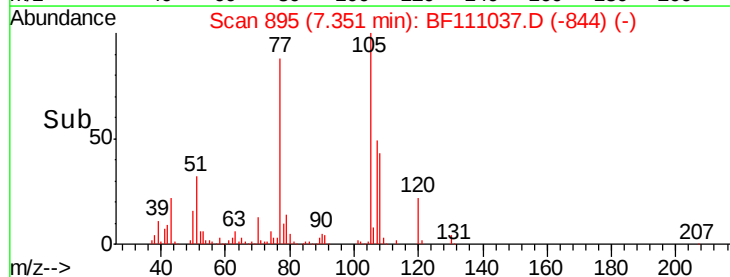
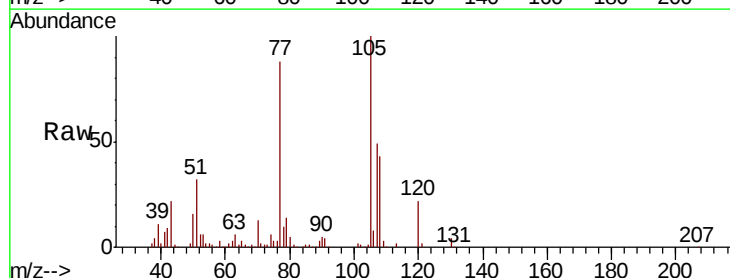
Ion Ratio Lower Upper

105 100

71 2.2 5.2 7.8#

51 32.2 21.8 32.8

120 21.7 17.0 25.4



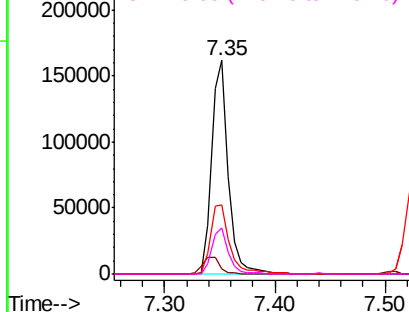
Abundance

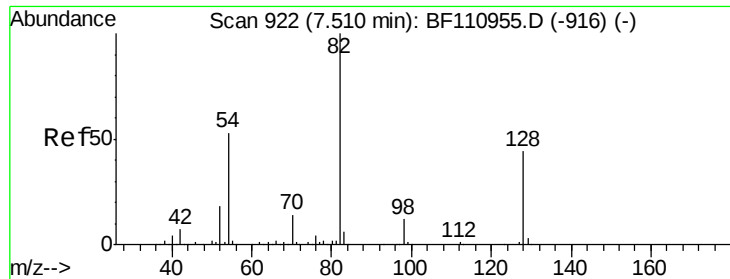
Ion 105.00 (104.70 to 105.70): E

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

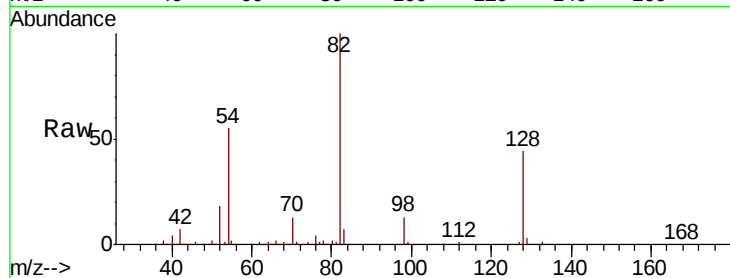




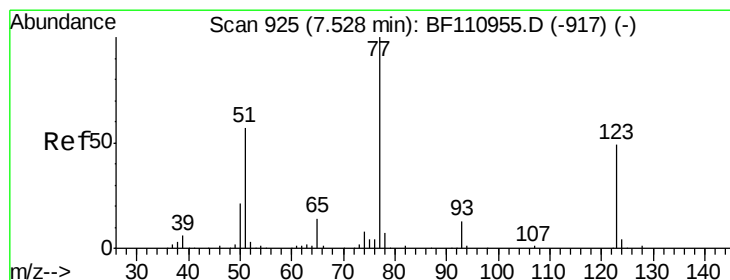
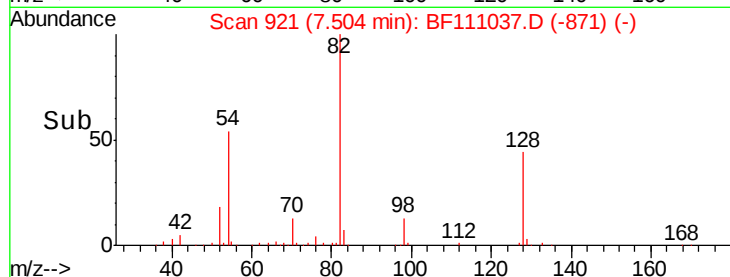
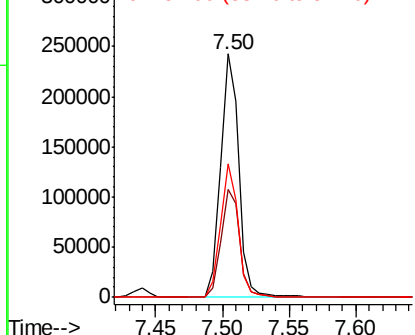
#23
 Nitrobenzene-d5
 Concen: 71.933 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	54.6	38.6	58.0

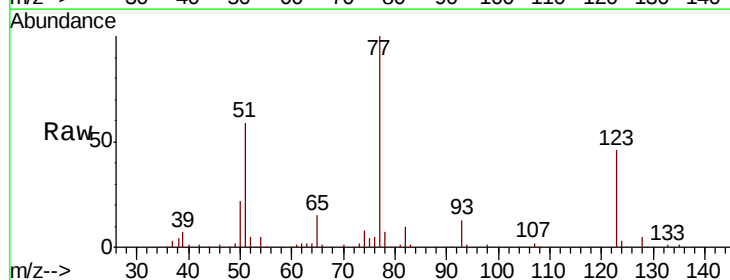


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

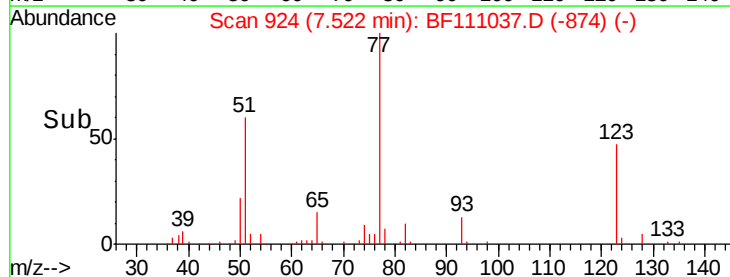
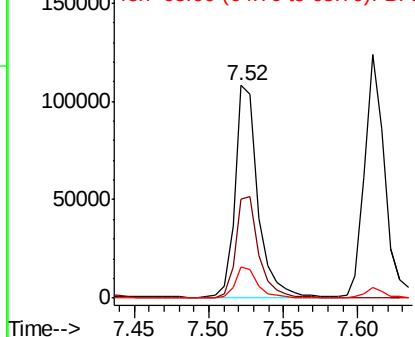


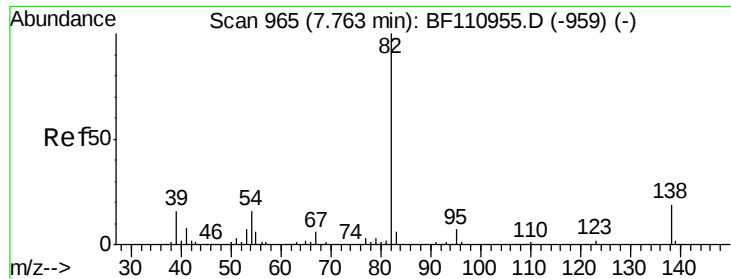
#24
 Nitrobenzene
 Concen: 34.153 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

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



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

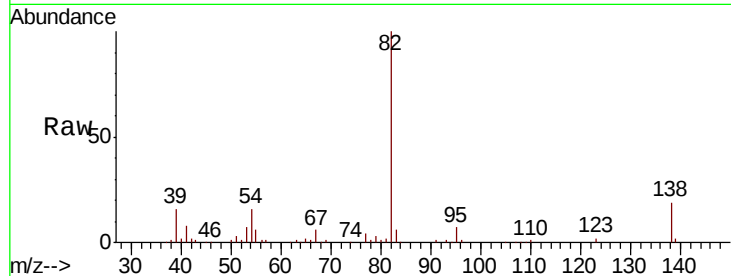




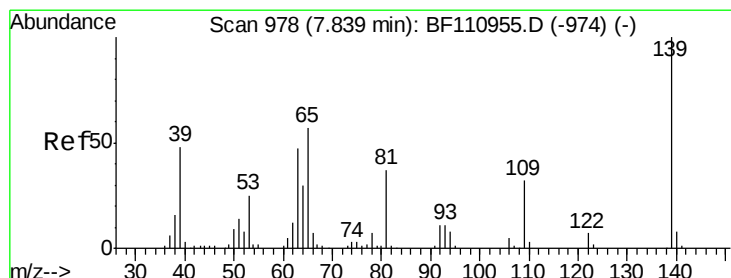
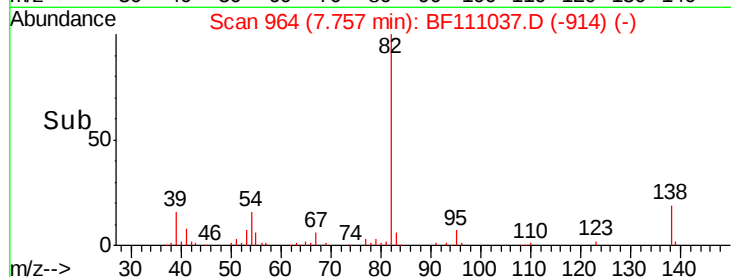
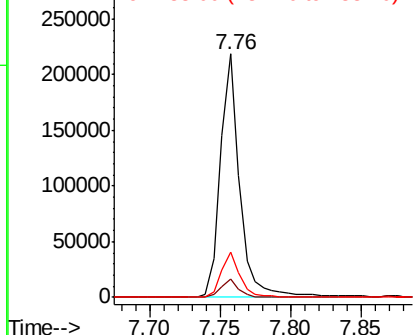
#25
Isophorone
Concen: 38.978 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

Tgt Ion: 82 Resp: 209352
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.6 13.2 19.8

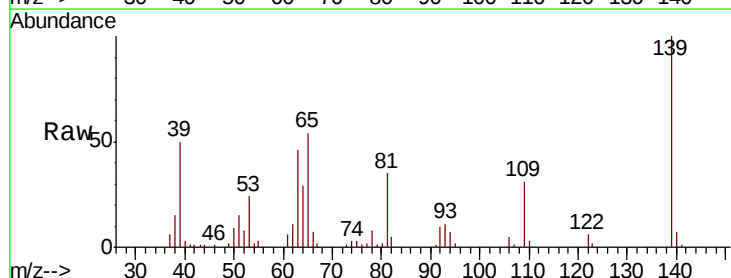


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

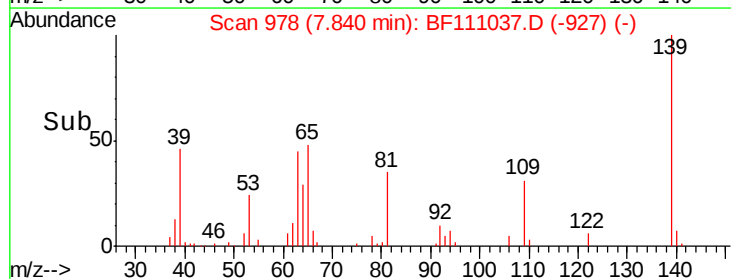
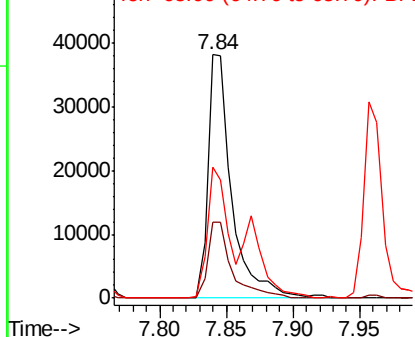


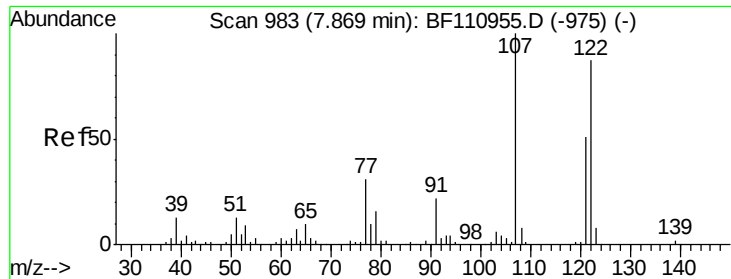
#26
2-Nitrophenol
Concen: 28.878 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

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

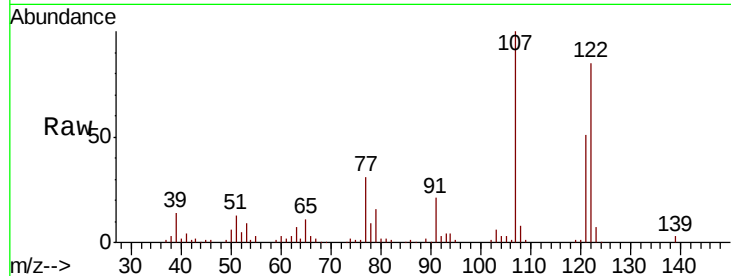




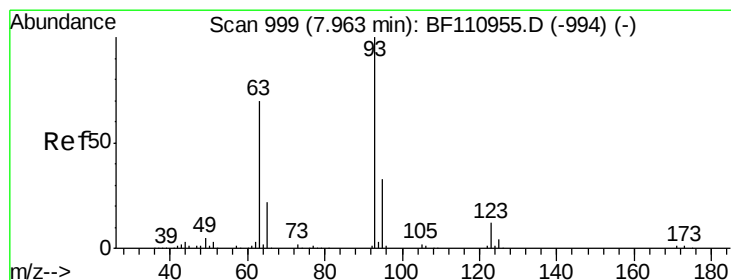
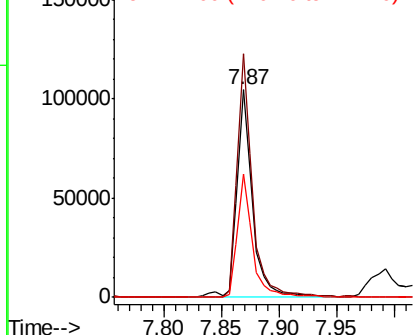
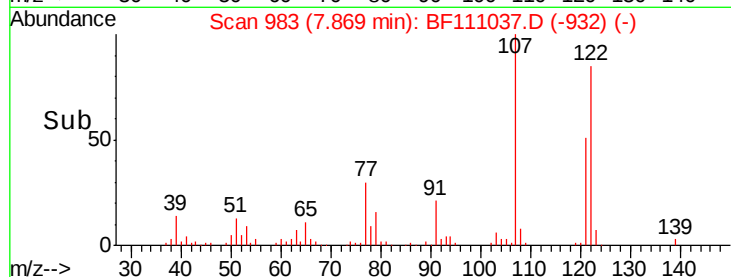
#27
2,4-Dimethylphenol
Concen: 39.693 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

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

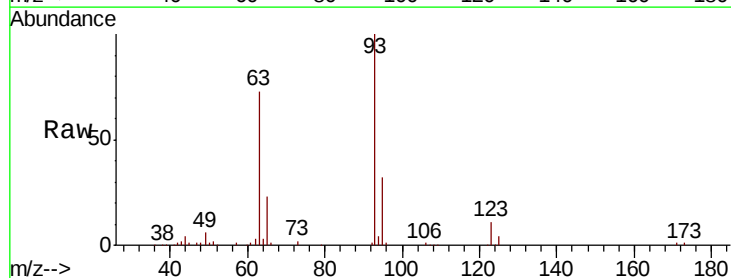


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

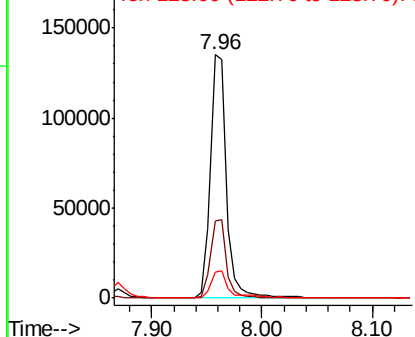
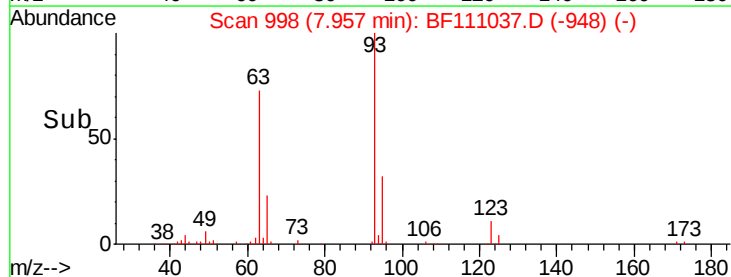


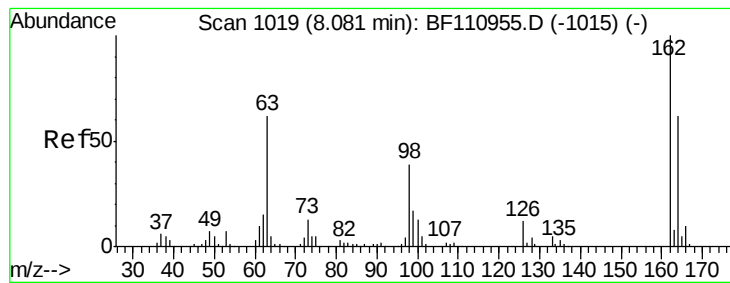
#28
bis(2-Chloroethoxy)methane
Concen: 37.090 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

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

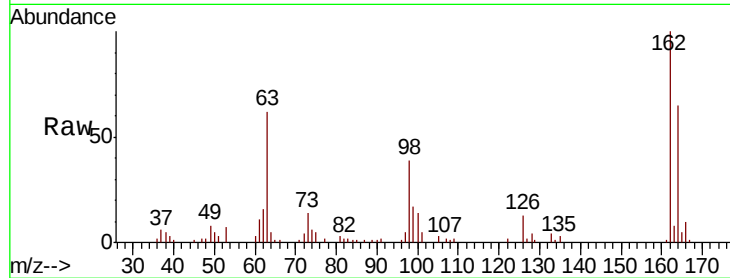
Tgt Ion:162 Resp: 85405

Ion Ratio Lower Upper

162 100

164 65.3 44.6 84.6

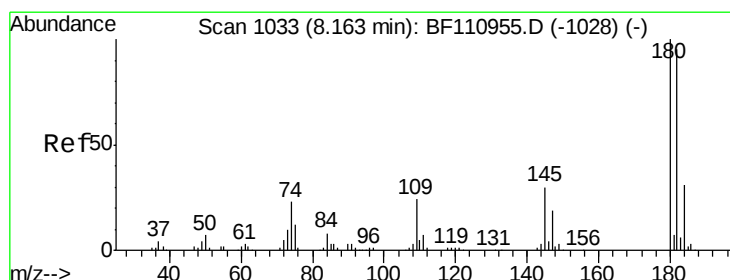
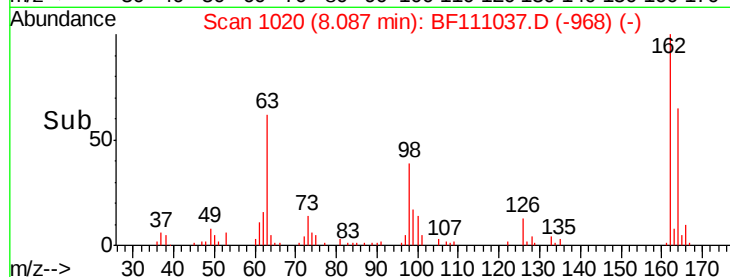
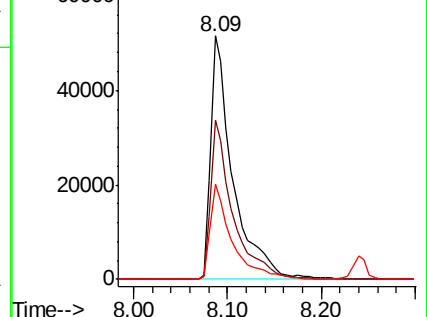
98 38.9 17.4 57.4



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

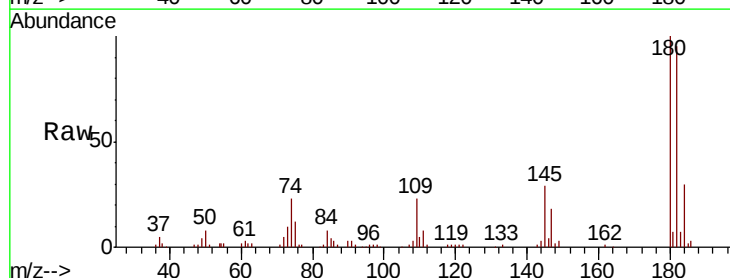
Tgt Ion:180 Resp: 98789

Ion Ratio Lower Upper

180 100

182 95.3 80.3 120.5

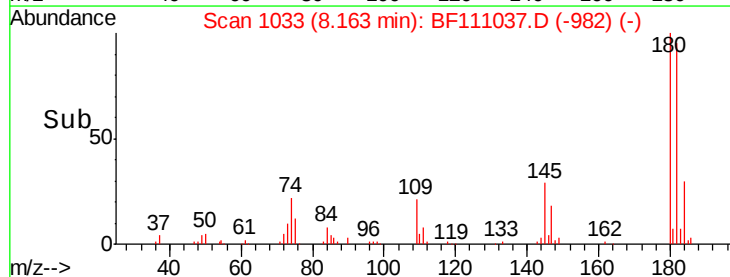
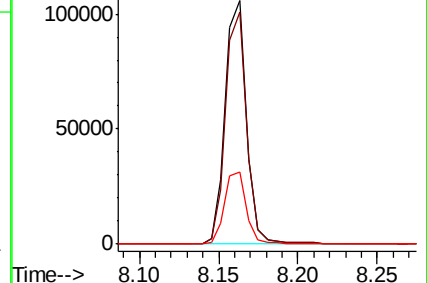
145 29.4 25.4 38.0

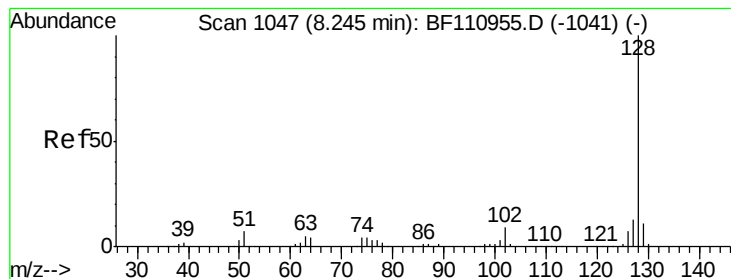


Abundance Ion 180.00 (179.70 to 180.70): E

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

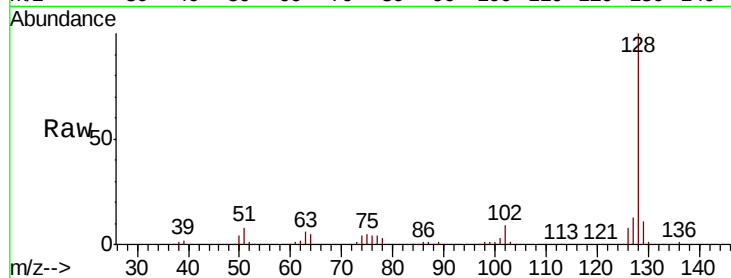
Tgt Ion:128 Resp: 315344

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

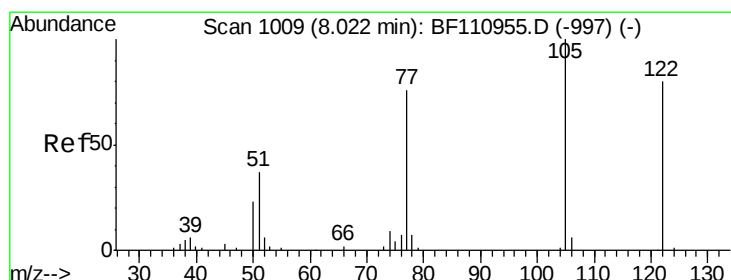
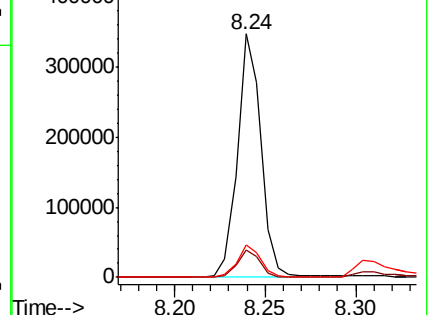
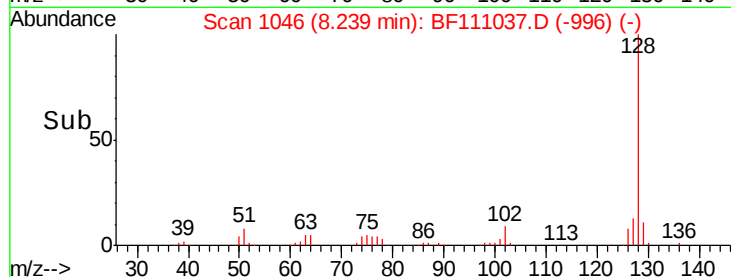
127 13.4 10.8 16.2



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

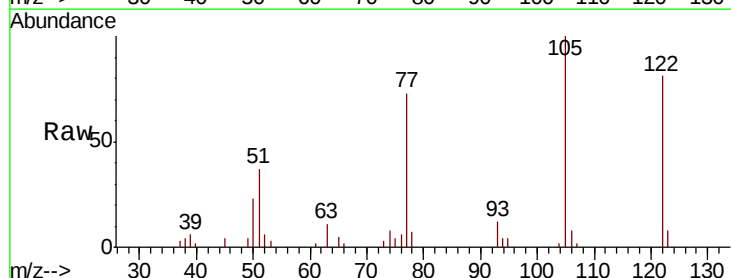
Tgt Ion:122 Resp: 34107

Ion Ratio Lower Upper

122 100

105 123.7 109.0 149.0

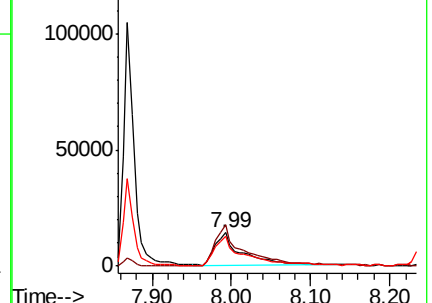
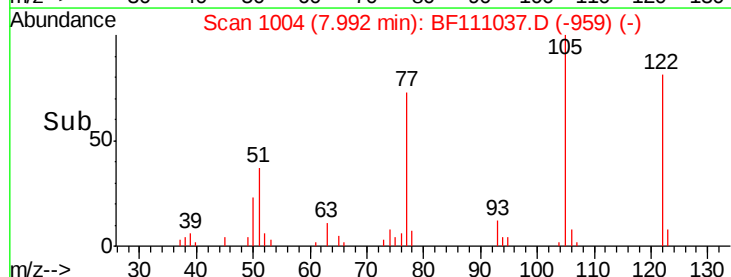
77 90.6 79.0 119.0

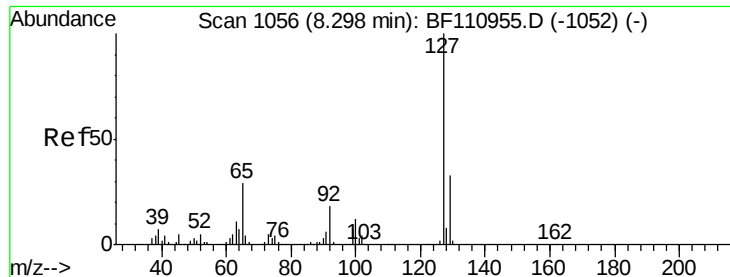


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

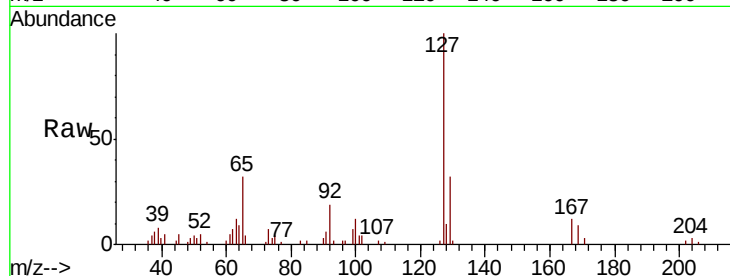




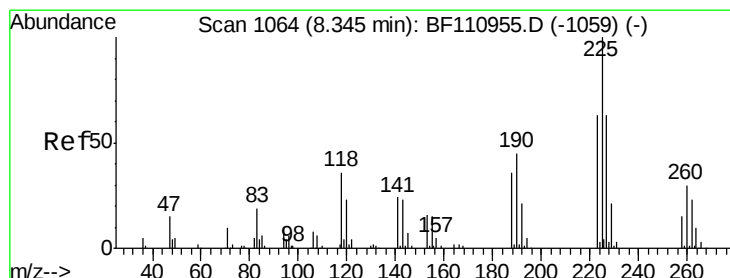
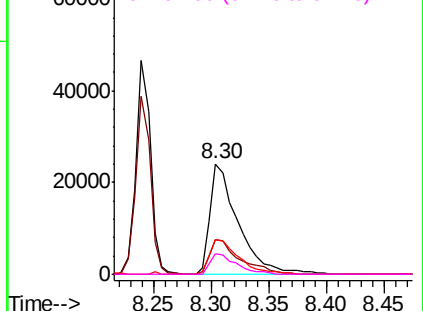
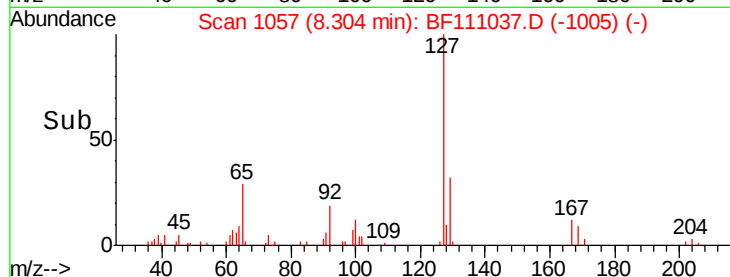
#33
 4-Chloroaniline
 Concen: 10.889 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

Tgt 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

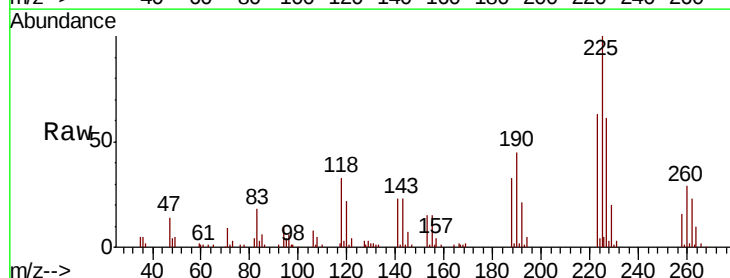


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

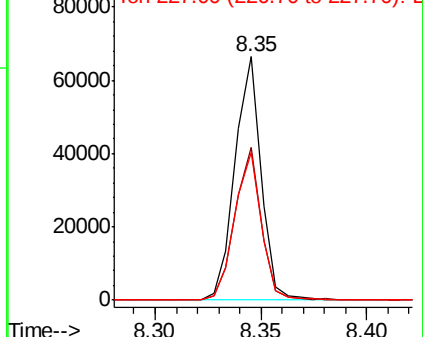
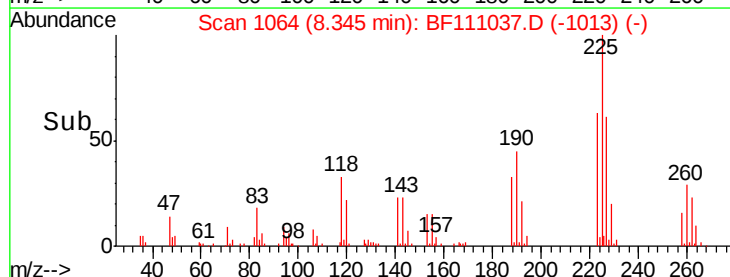


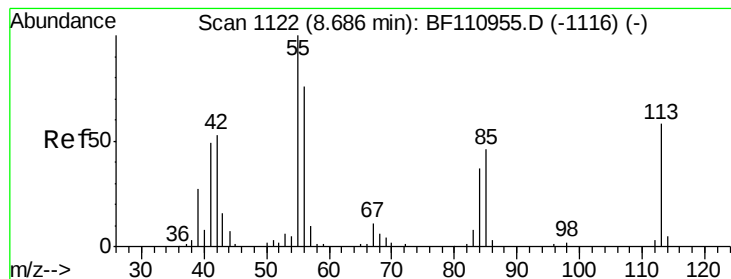
#34
 Hexachlorobutadiene
 Concen: 33.925 ng
 RT: 8.35 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

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

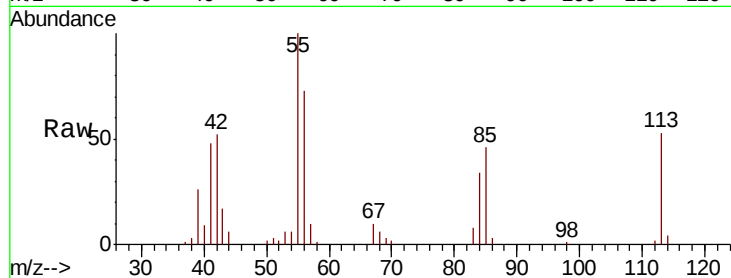
Tgt Ion:113 Resp: 24897

Ion Ratio Lower Upper

113 100

55 190.5 142.8 182.8#

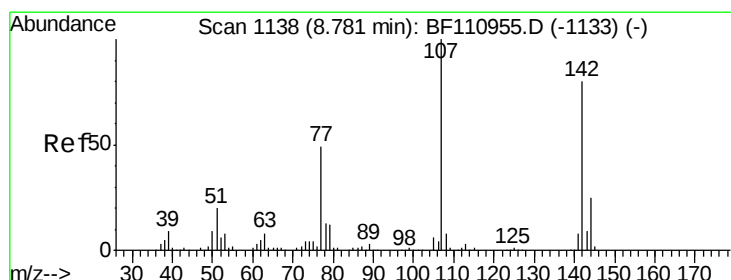
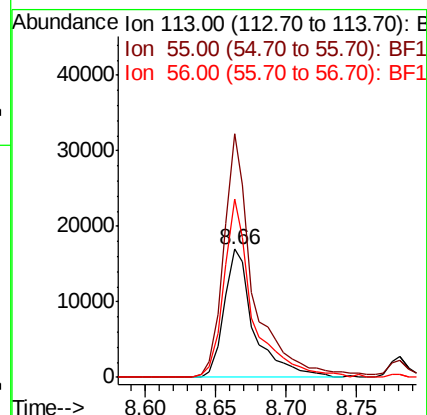
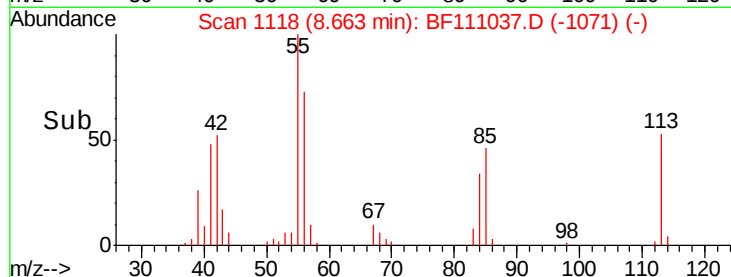
56 139.8 105.0 145.0



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

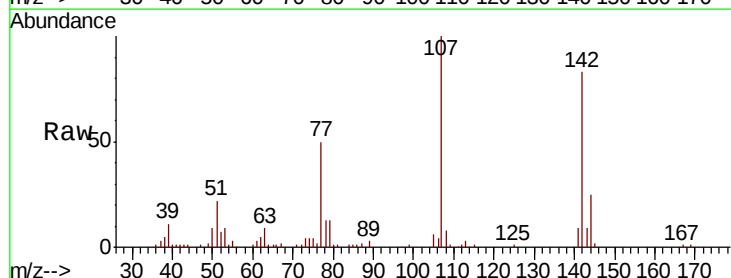
Tgt Ion:107 Resp: 87902

Ion Ratio Lower Upper

107 100

144 25.5 20.0 30.0

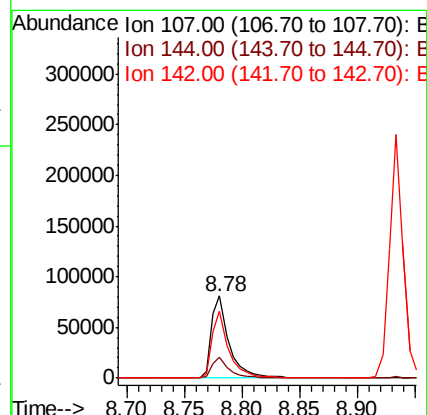
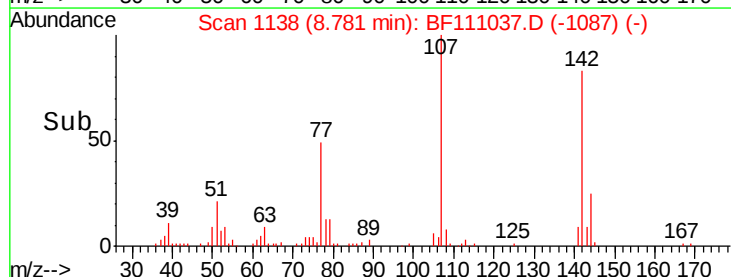
142 82.6 59.7 89.5

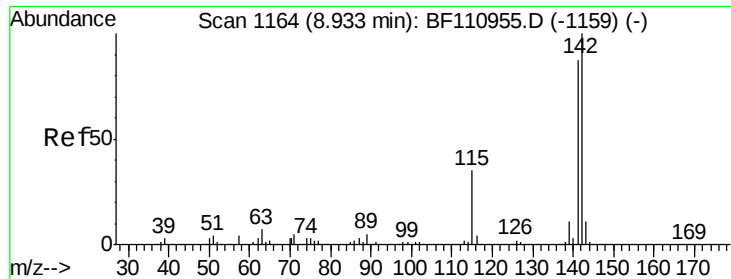


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

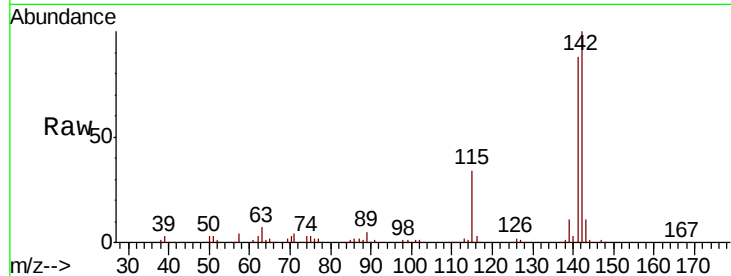




#37
2-Methylnaphthalene
Concen: 34.882 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.4	107.2
115	34.5	28.7	43.1

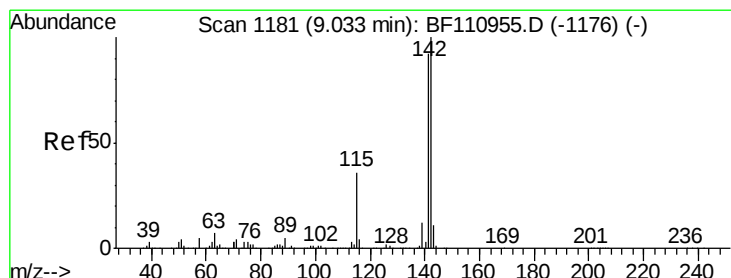
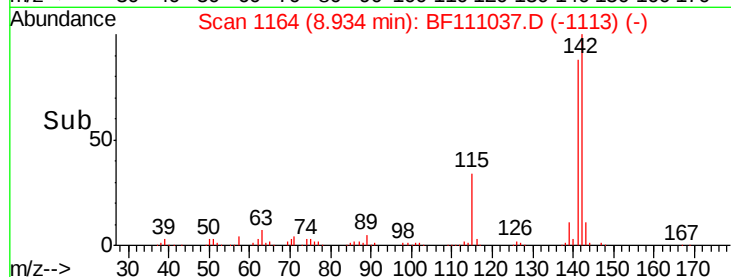
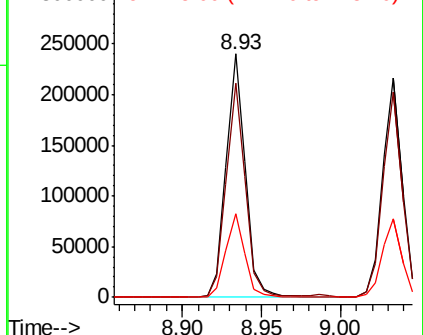


Abundance

Ion 142.00 (141.70 to 142.70): E

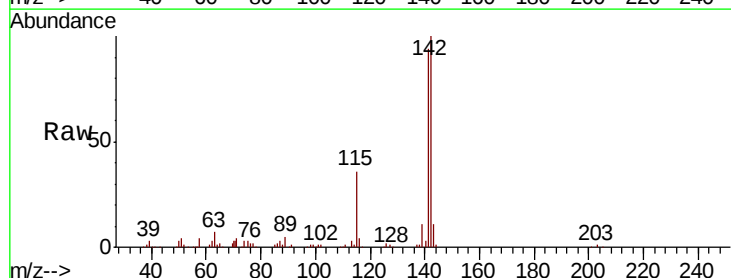
Ion 141.00 (140.70 to 141.70): E

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	Ratio	Lower	Upper
142	100		
141	93.8	74.2	111.4
116	3.7	2.6	4.0

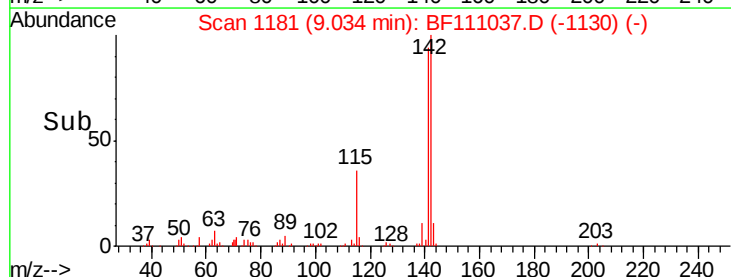
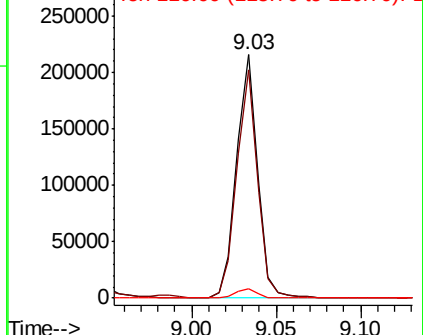


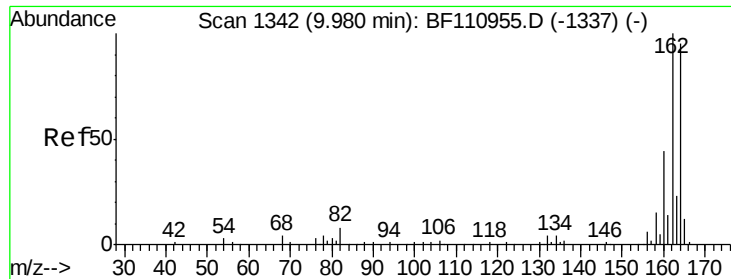
Abundance

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

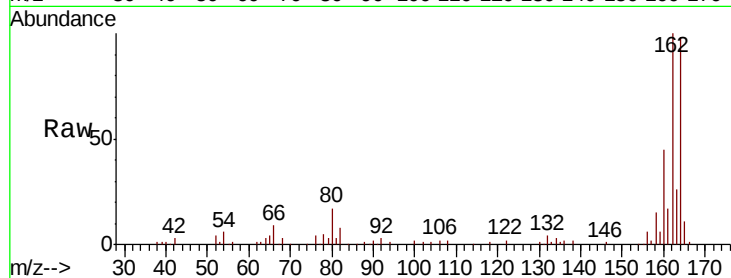
Tgt Ion:164 Resp: 74872

Ion Ratio Lower Upper

164 100

162 101.8 83.0 124.6

160 46.2 37.0 55.6

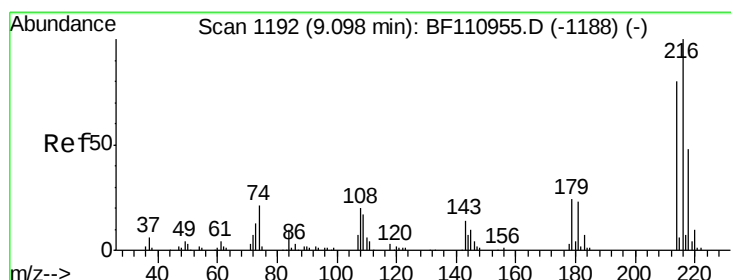
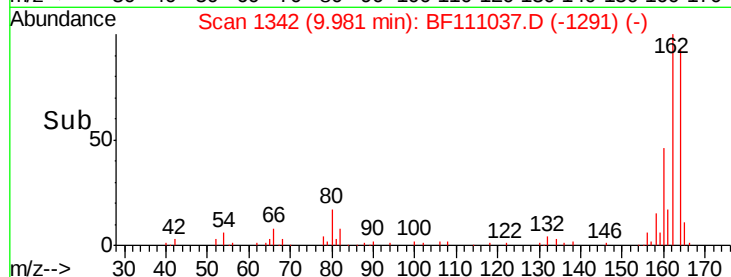
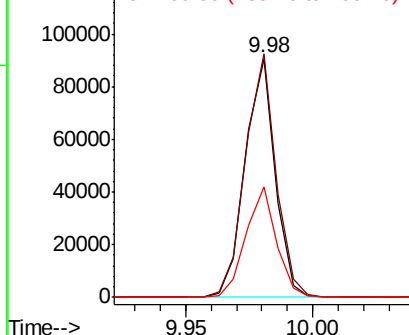


Abundance

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

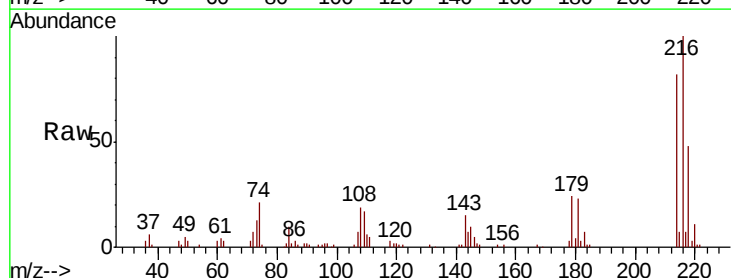
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 23.0 16.6 25.0

108 17.3 15.1 22.7



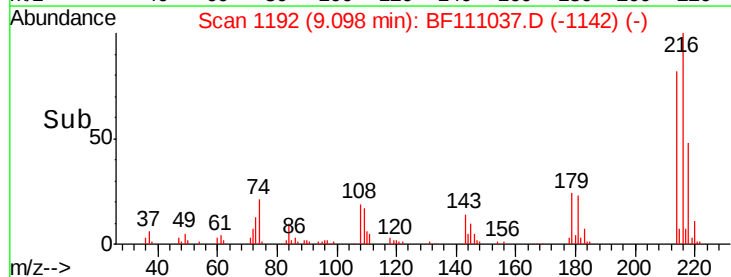
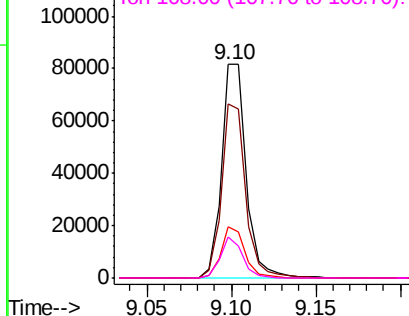
Abundance

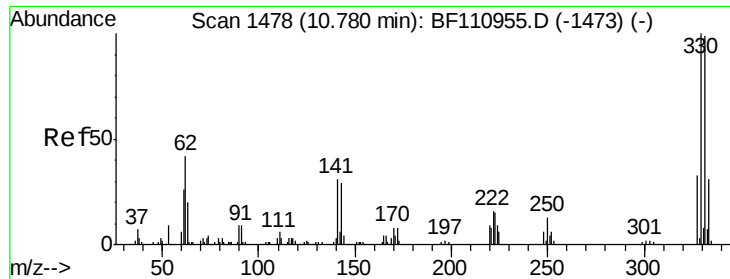
Ion 216.00 (215.70 to 216.70): E

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

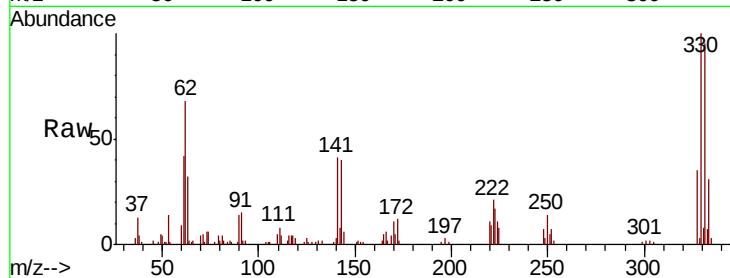




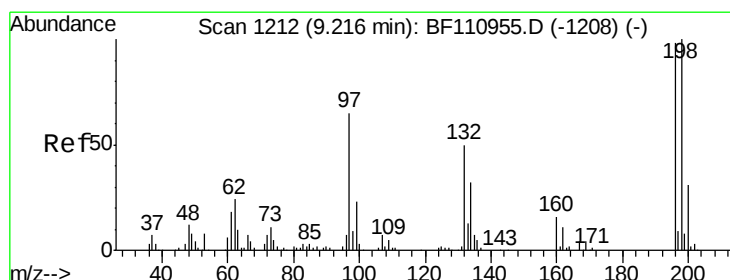
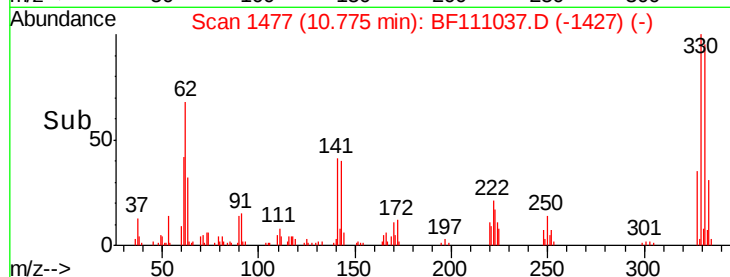
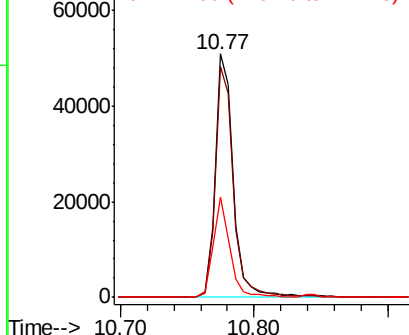
#42
 2,4,6-Tribromophenol
 Concen: 65.436 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

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

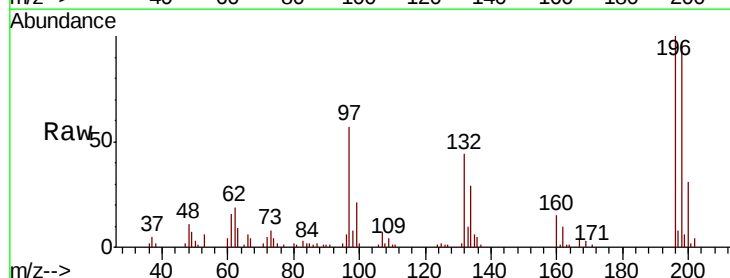


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

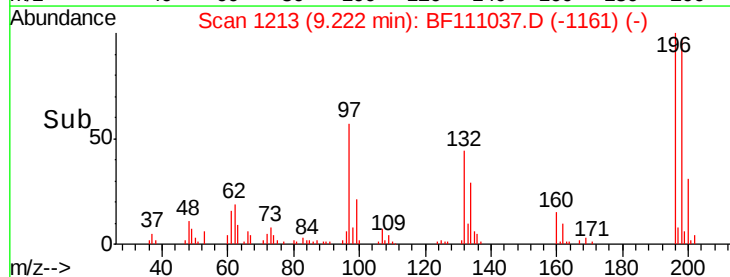
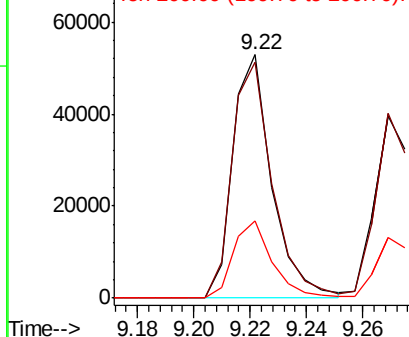


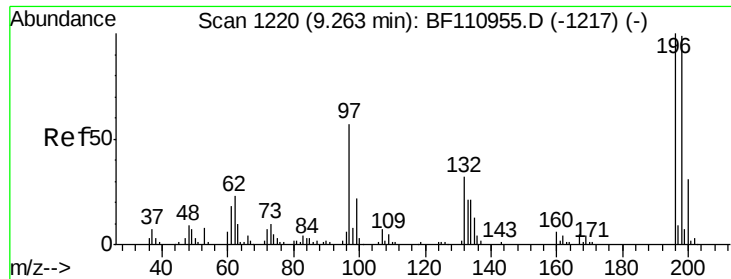
#43
 2,4,6-Trichlorophenol
 Concen: 36.241 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

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

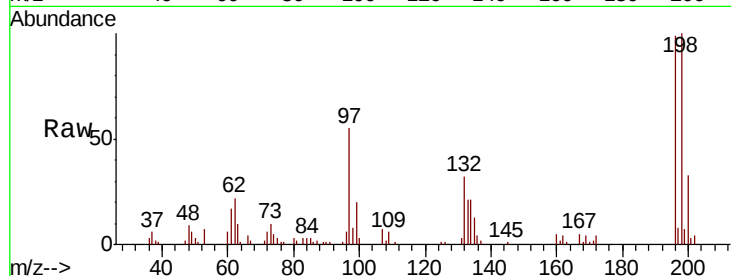




#44
2,4,5-Trichlorophenol
Concen: 35.403 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

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



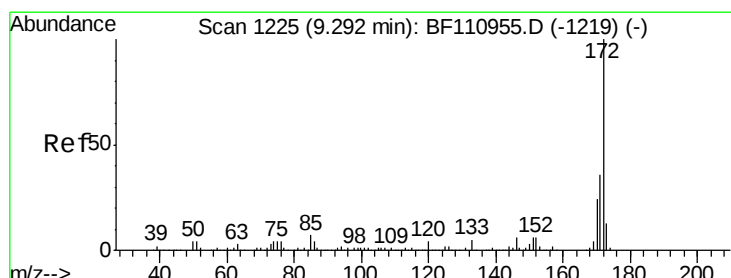
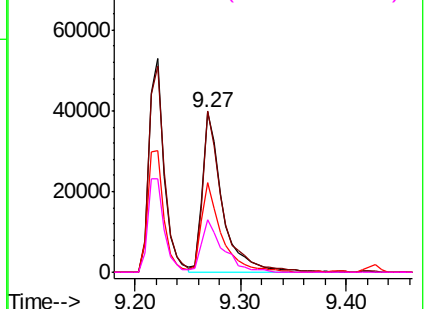
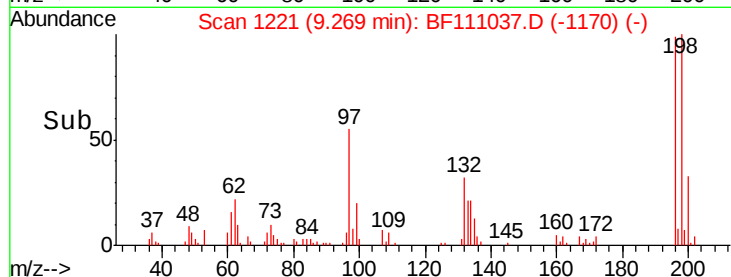
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

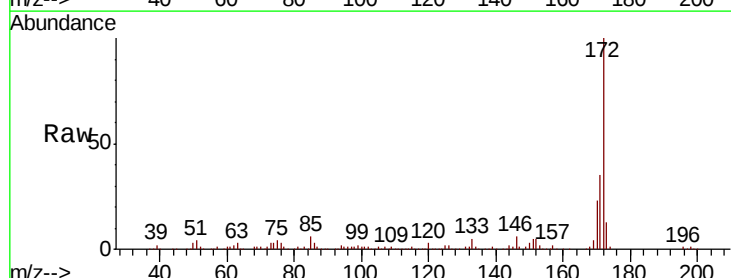
Ion 97.00 (96.70 to 97.70): BF1

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	Resp	Lower	Upper
172	409702		
172	100		
171	35.1	28.6	43.0
170	23.5	19.7	29.5

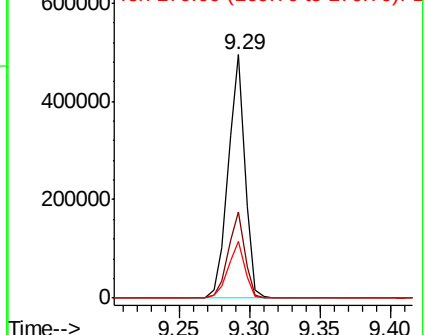
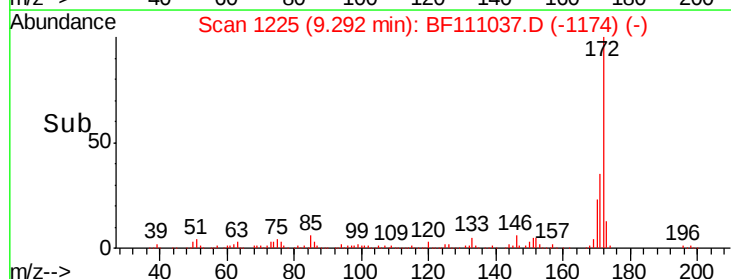


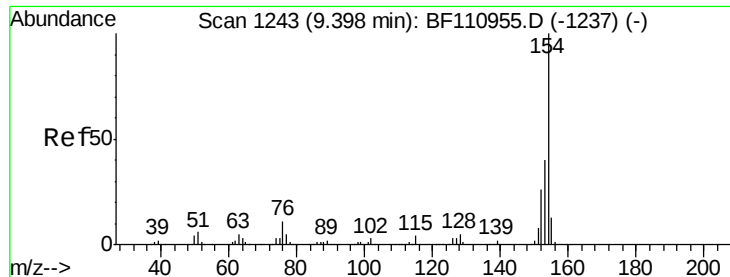
Abundance

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

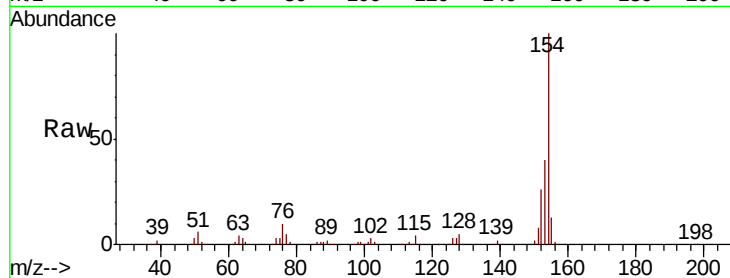




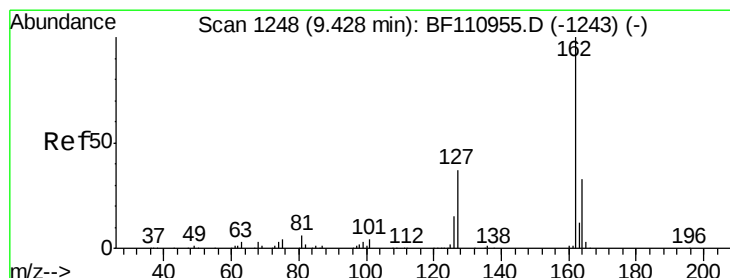
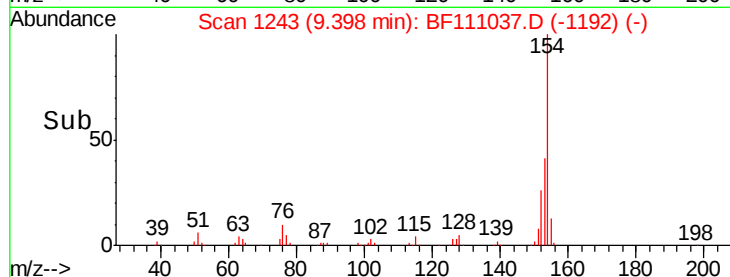
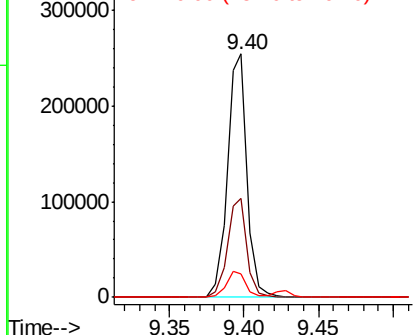
#46
 1,1'-Biphenyl
 Concen: 34.278 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

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

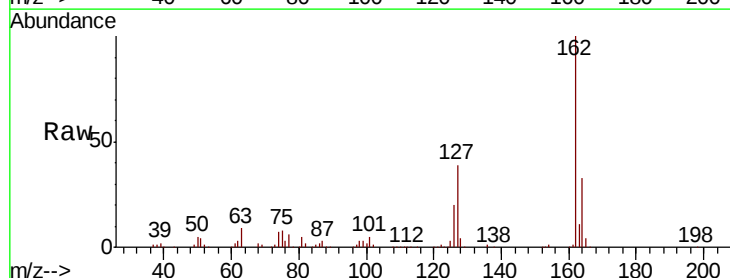


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

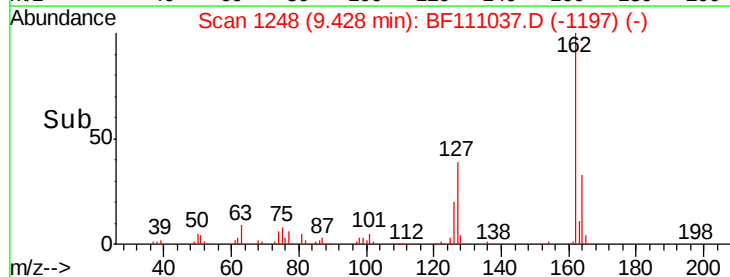
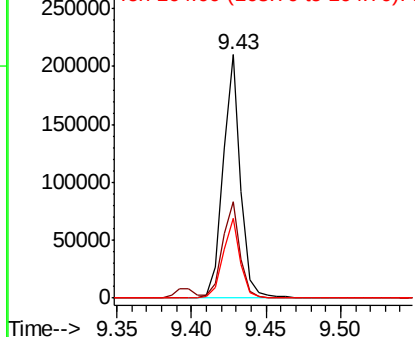


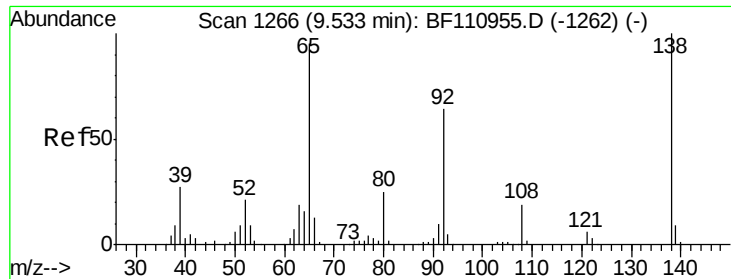
#47
 2-Chloronaphthalene
 Concen: 34.590 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

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



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

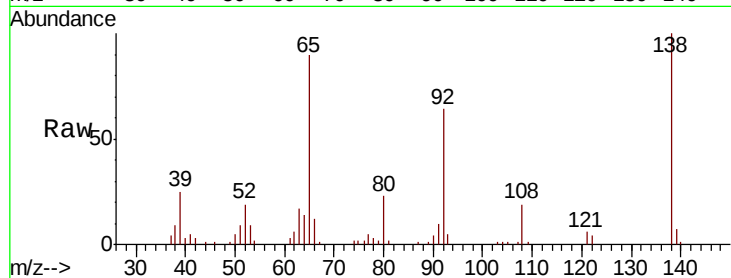




#48
 2-Nitroaniline
 Concen: 34.811 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

Tgt Ion	Resp	Lower	Upper
65	100		
92	70.4	54.6	81.8
138	110.5	80.3	120.5

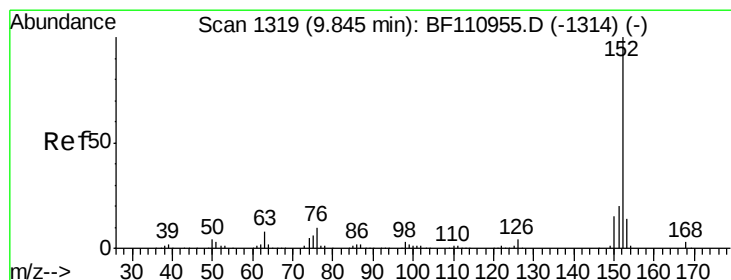
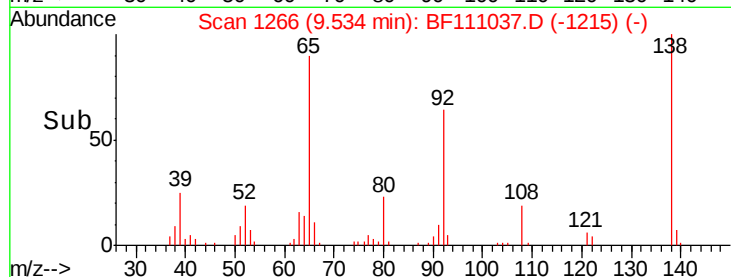
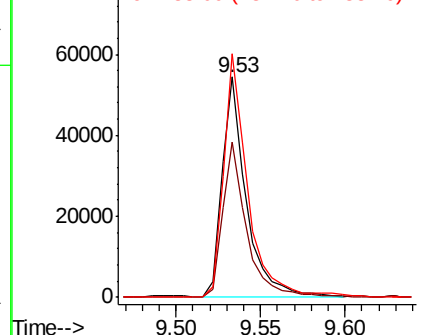


Abundance

Ion 65.00 (64.70 to 65.70): BF1

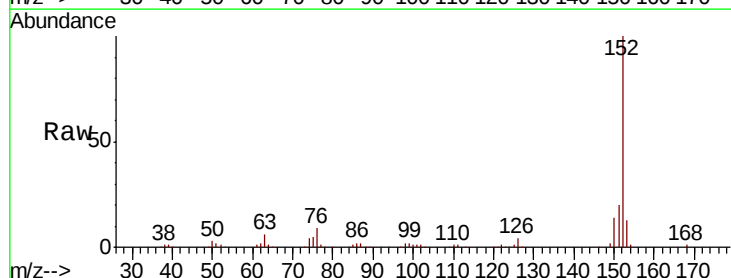
Ion 92.00 (91.70 to 92.70): BF1

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	Resp	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	12.9	10.4	15.6

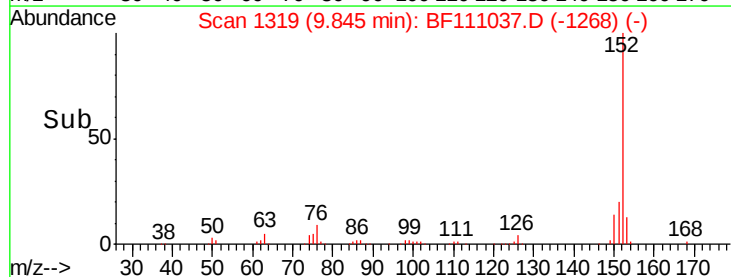
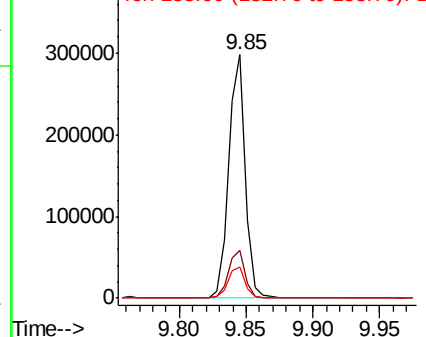


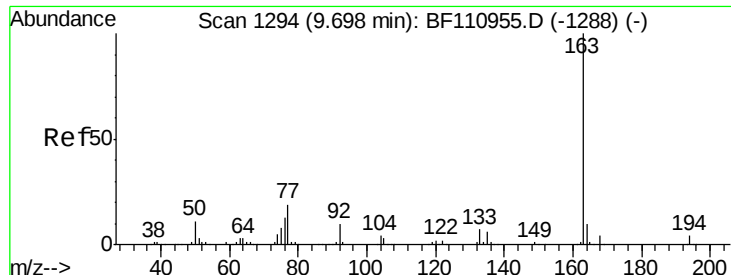
Abundance

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

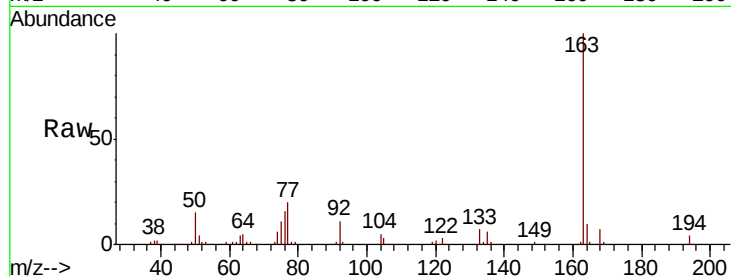




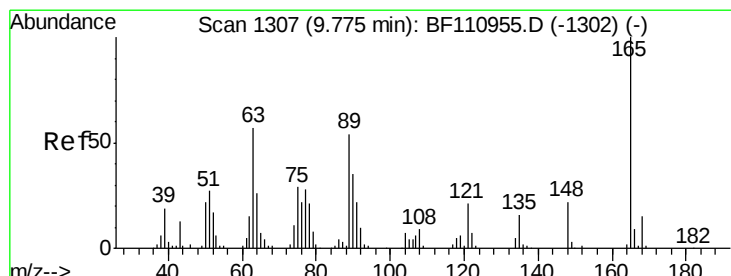
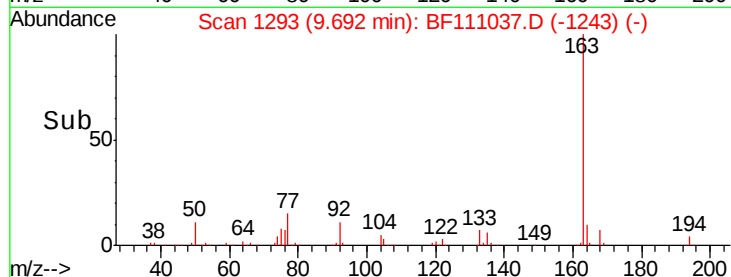
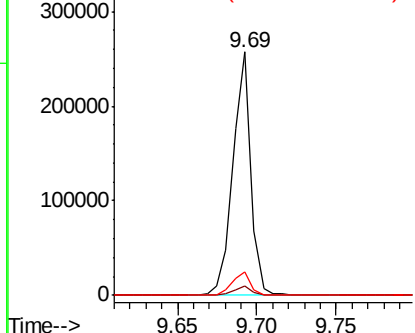
#50
Dimethylphthalate
Concen: 36.949 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

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

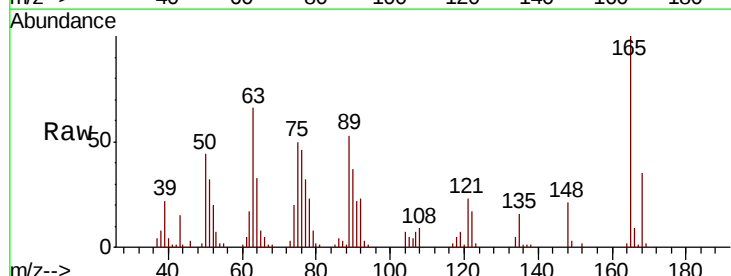


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

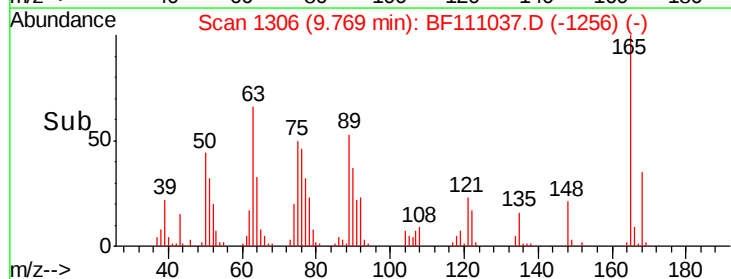
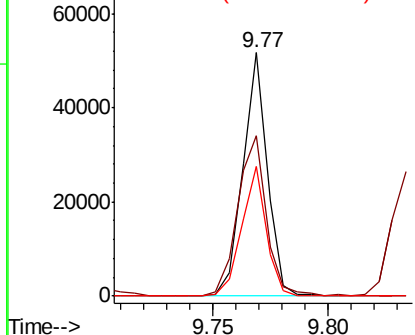


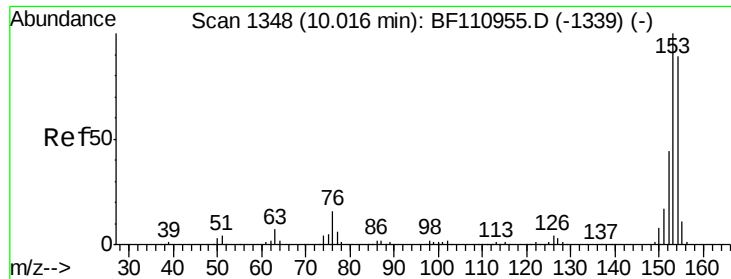
#51
2,6-Dinitrotoluene
Concen: 31.327 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

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

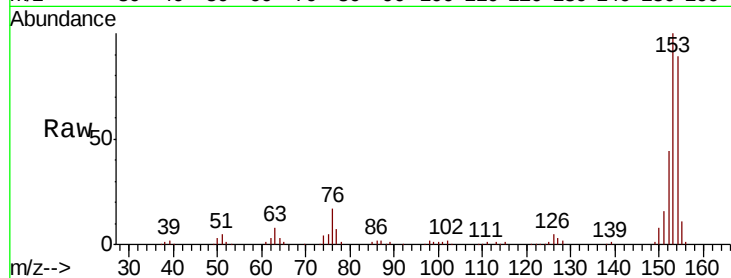
Tgt Ion:154 Resp: 156360

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

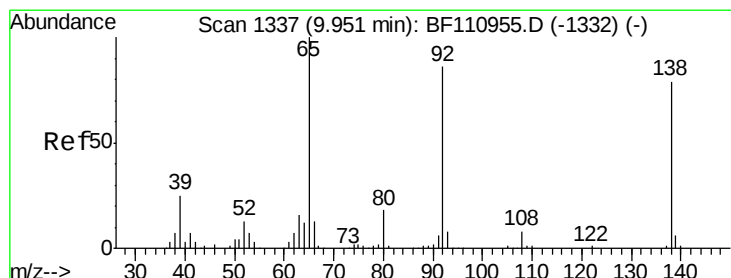
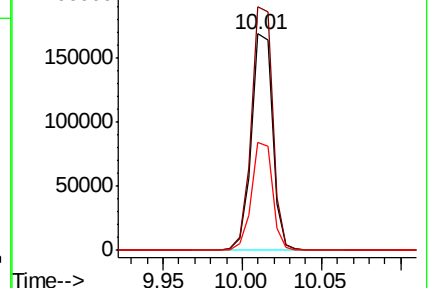
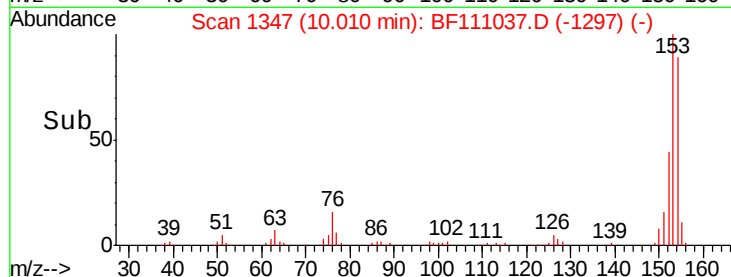
152 49.9 43.4 65.2



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

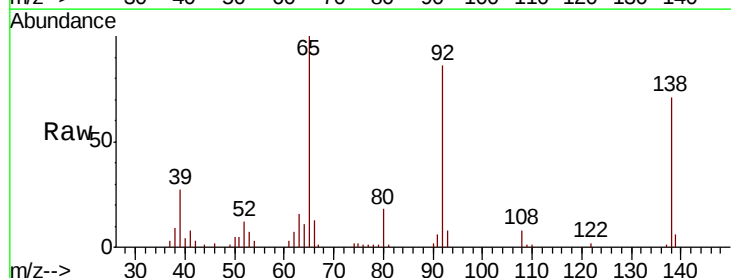
Tgt Ion:138 Resp: 38117

Ion Ratio Lower Upper

138 100

108 11.7 8.7 13.1

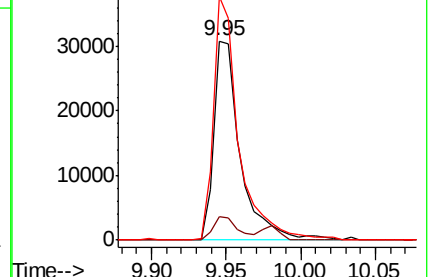
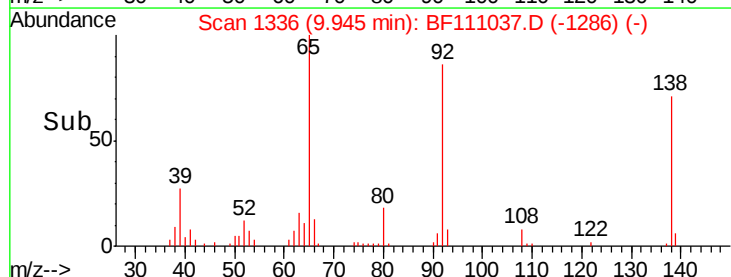
92 122.3 97.0 145.4

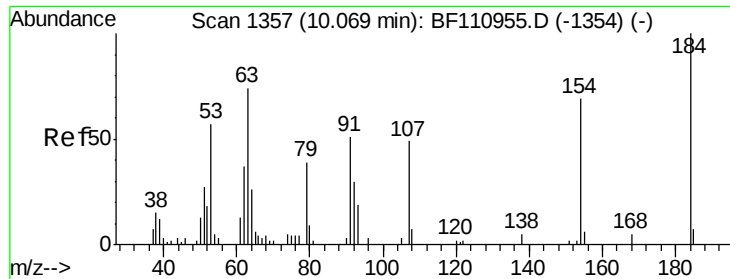


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

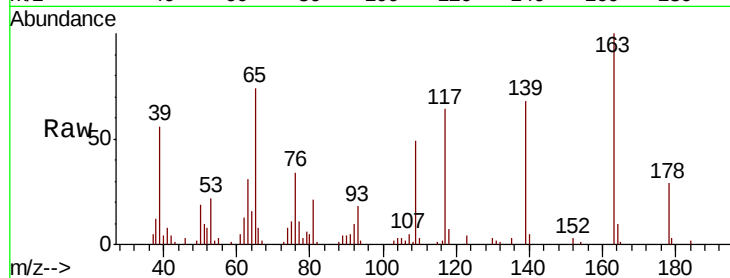




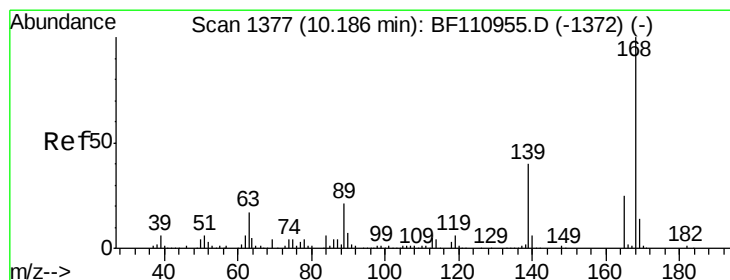
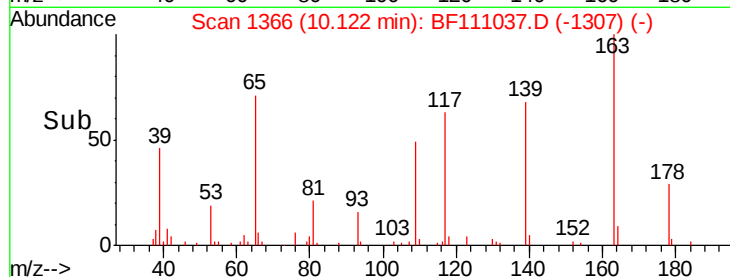
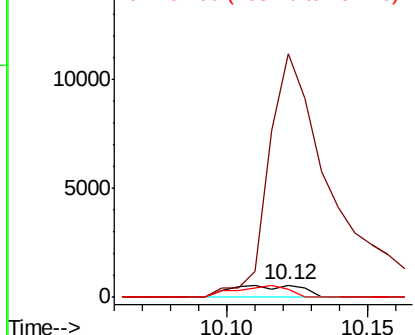
#54
 2,4-Dinitrophenol
 Concen: 5.797 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.05 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

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

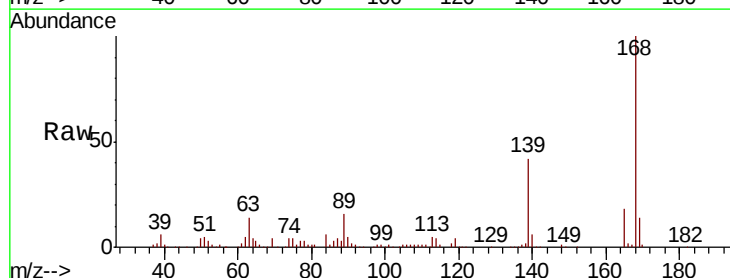


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

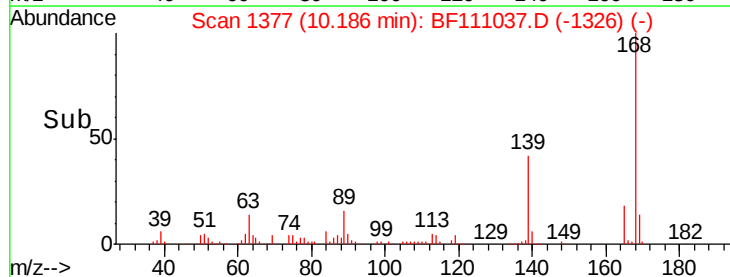
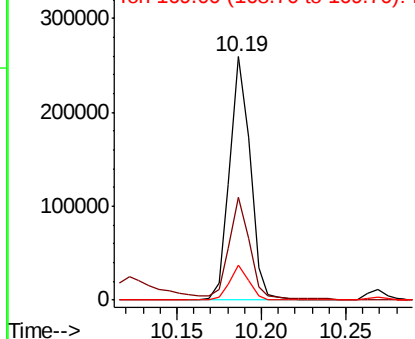


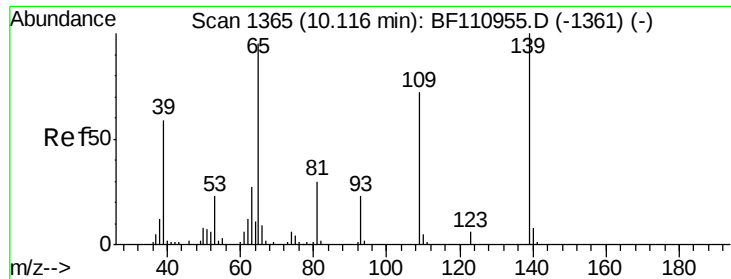
#55
 Dibenzofuran
 Concen: 33.075 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

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



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

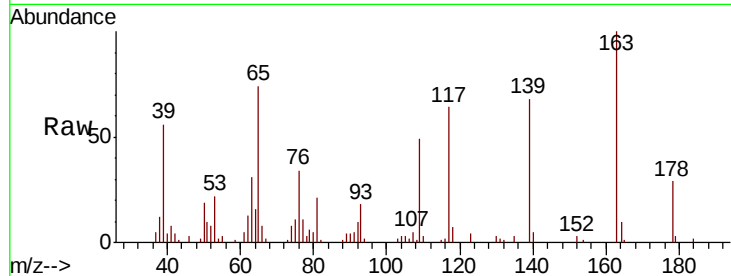




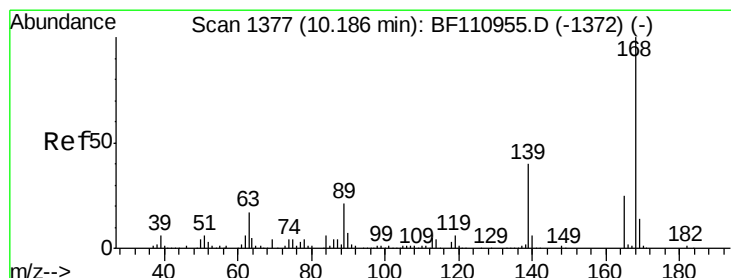
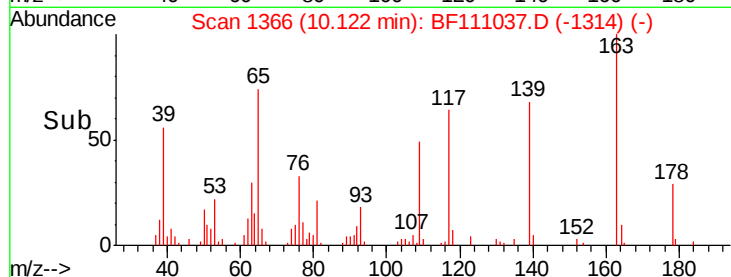
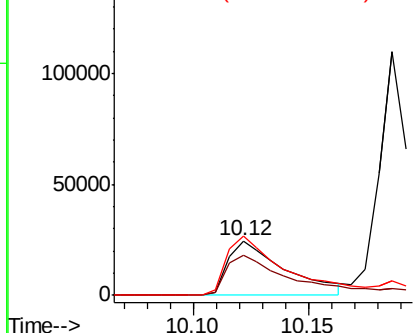
#56
4-Nitrophenol
Concen: 54.596 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

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



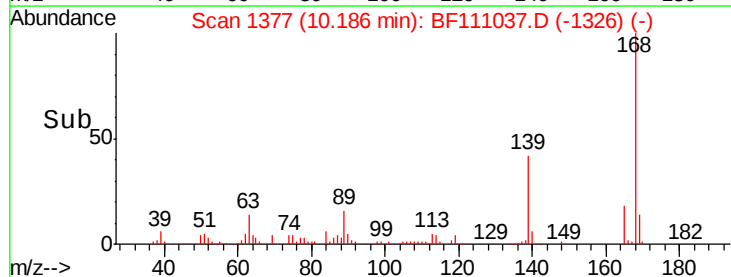
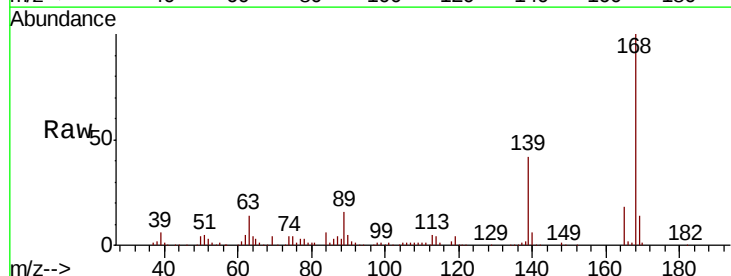
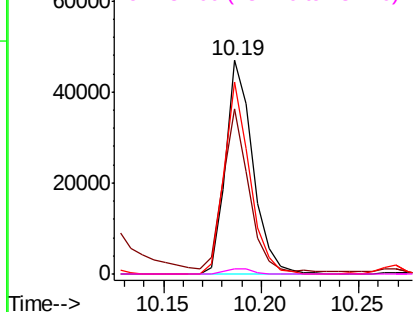
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

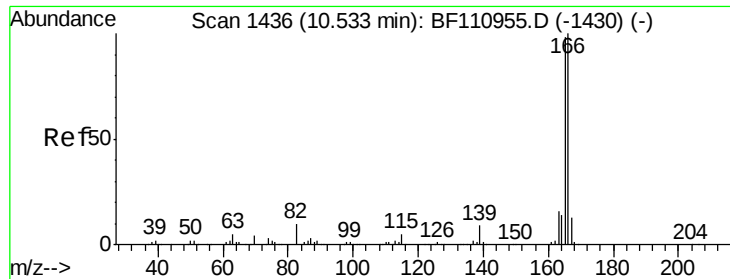


#57
2,4-Dinitrotoluene
Concen: 28.649 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

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





#58

Fluorene

Concen: 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

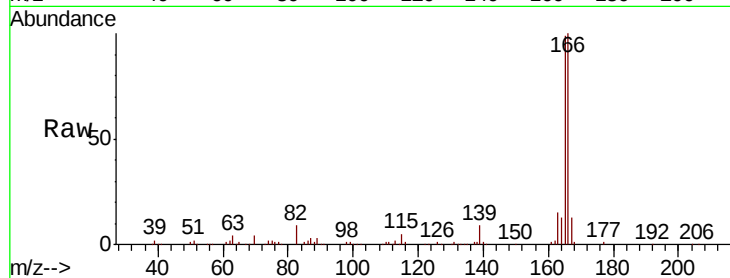
Tgt Ion:166 Resp: 177219

Ion Ratio Lower Upper

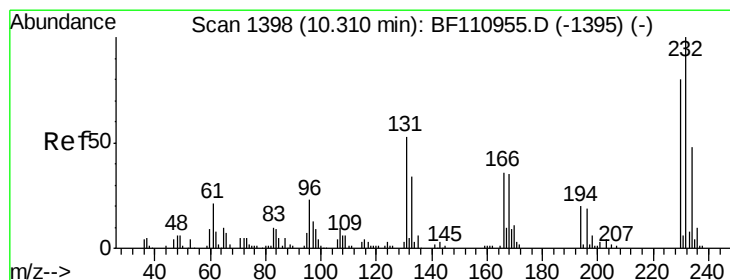
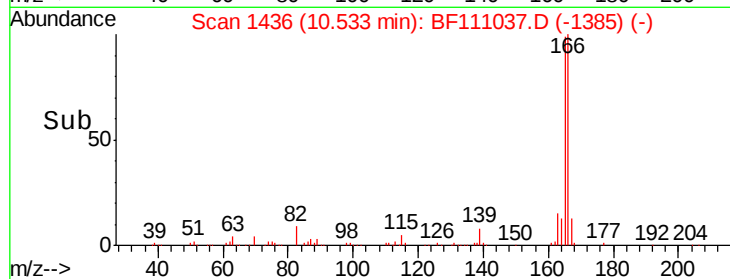
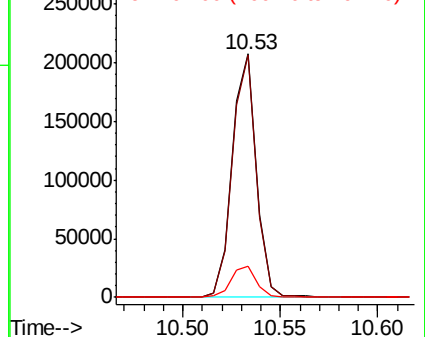
166 100

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

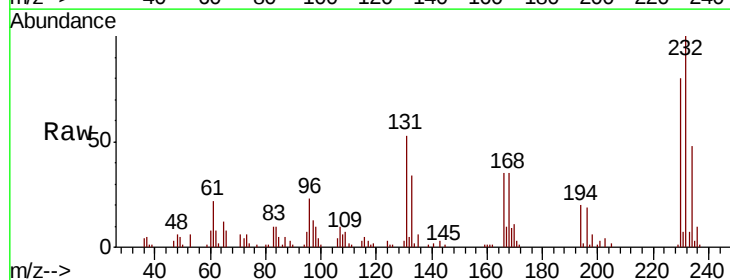
Ion Ratio Lower Upper

232 100

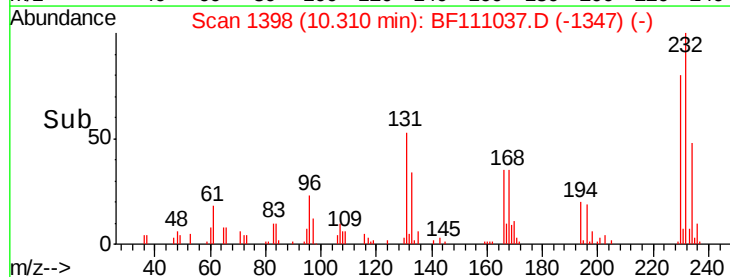
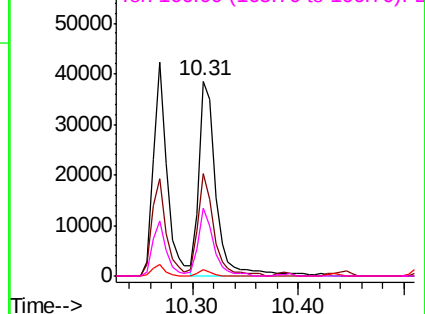
131 48.4 37.0 55.4

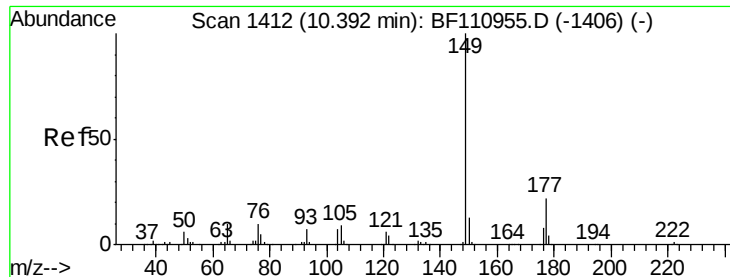
130 2.2 1.8 2.6

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

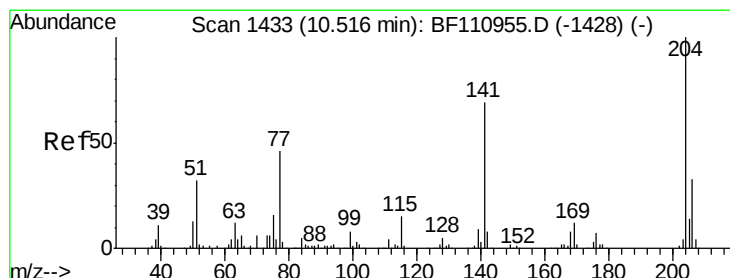
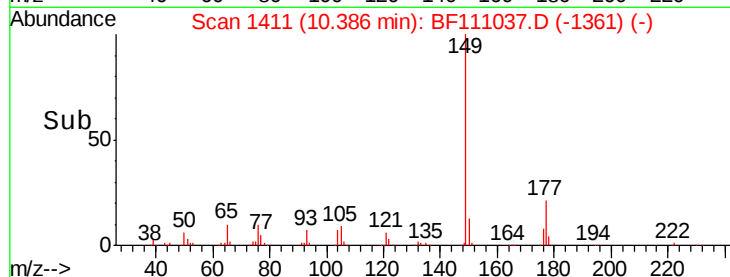
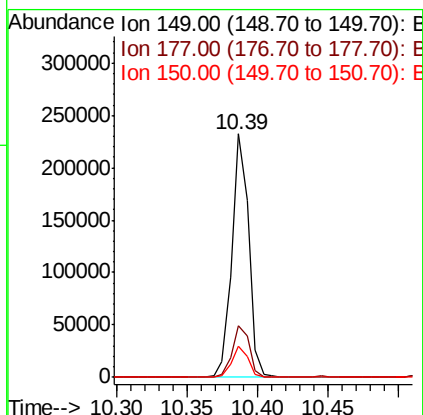
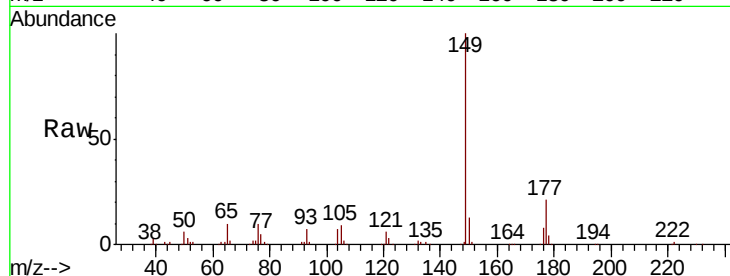




#60
Diethylphthalate
Concen: 34.180 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

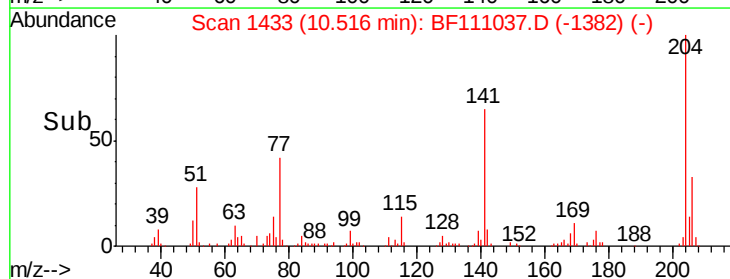
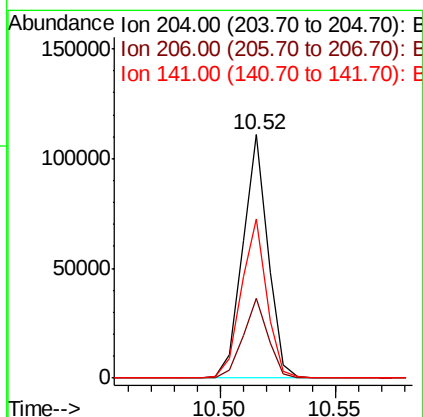
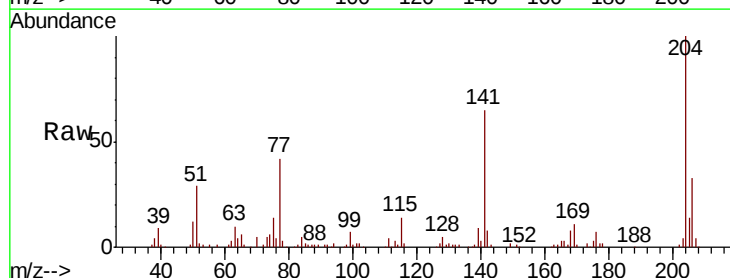
Instrument :
BNA_F
ClientSampleId :
PB115099BS

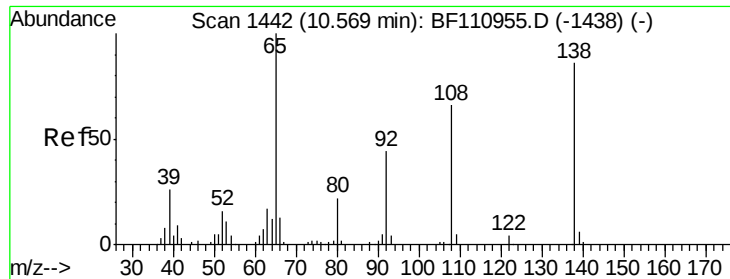
Tgt Ion:149 Resp: 193545
Ion Ratio Lower Upper
149 100
177 21.4 17.4 26.2
150 12.7 9.8 14.8



#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

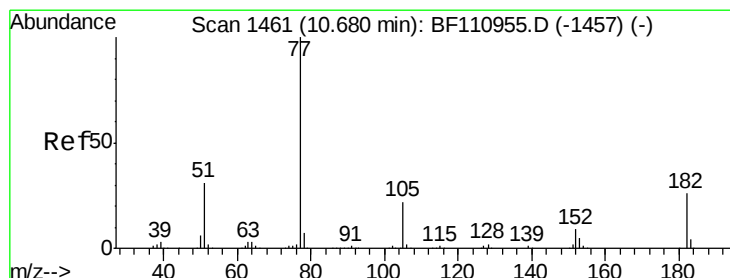
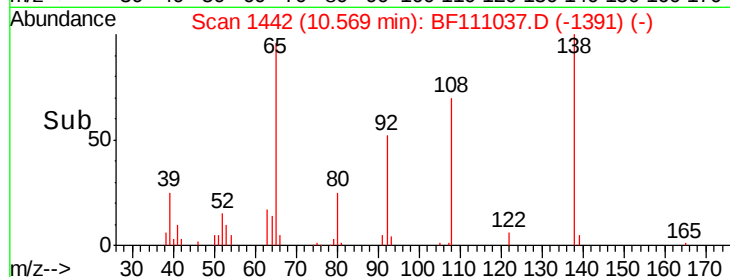
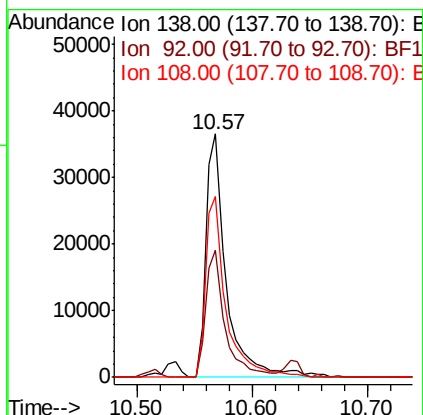
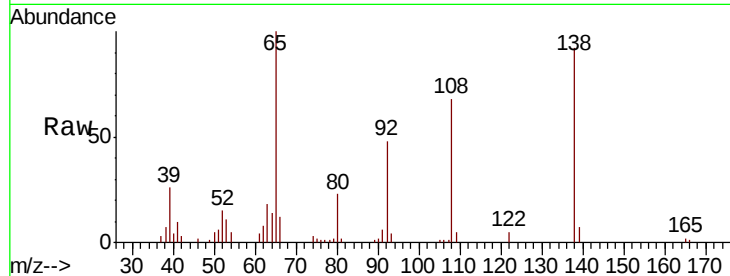




#62
4-Nitroaniline
Concen: 33.684 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

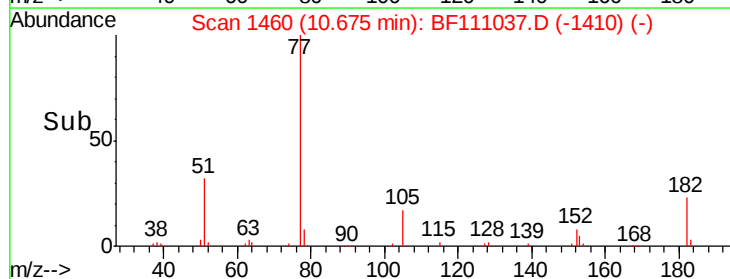
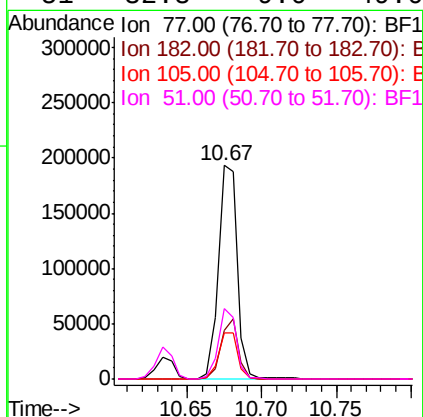
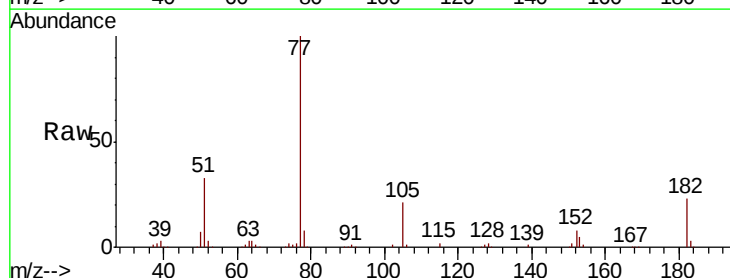
Instrument :
BNA_F
ClientSampleId :
PB115099BS

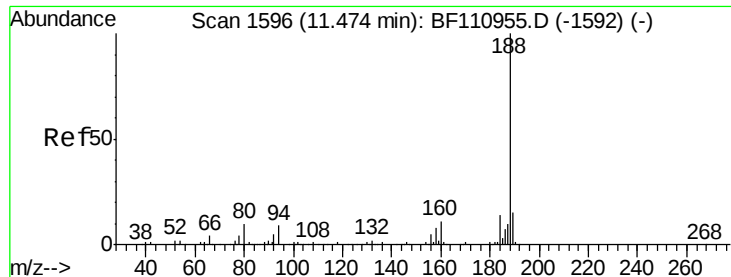
Tgt Ion: 138 Resp: 44685
Ion Ratio Lower Upper
138 100
92 52.0 31.7 71.7
108 74.2 59.3 99.3



#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

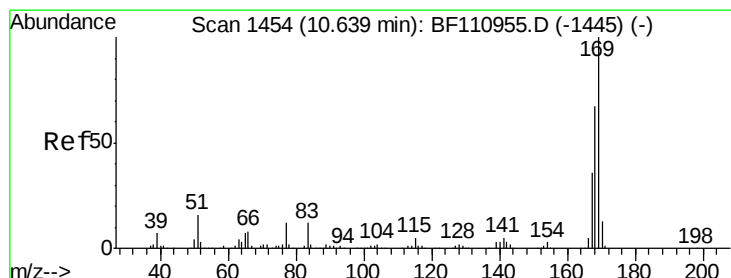
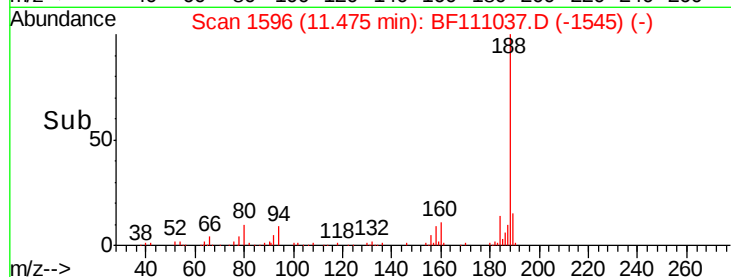
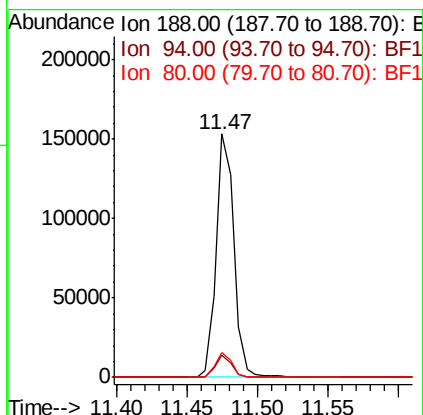
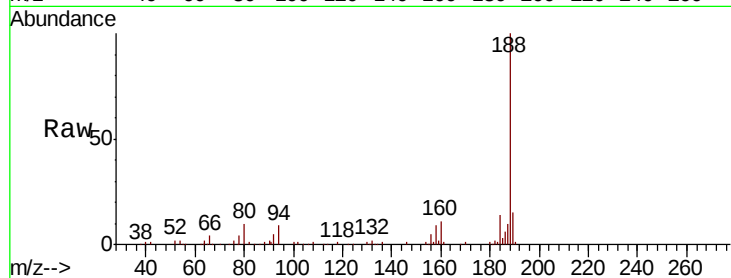




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

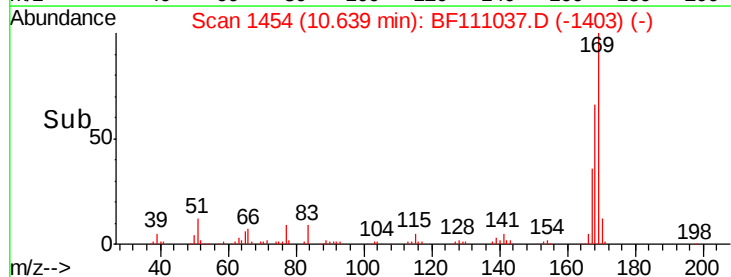
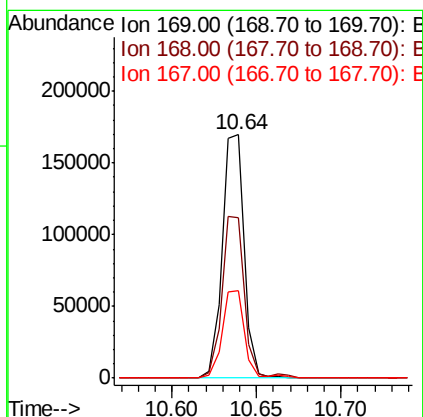
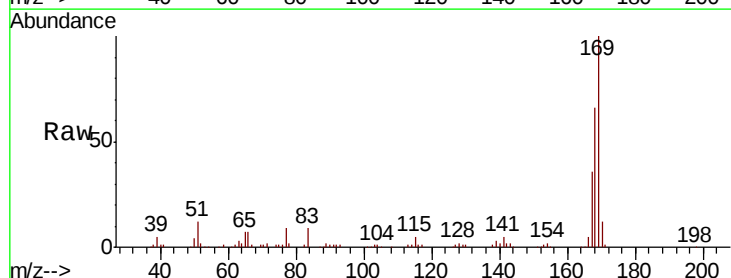
Instrument :
BNA_F
ClientSampleId :
PB115099BS

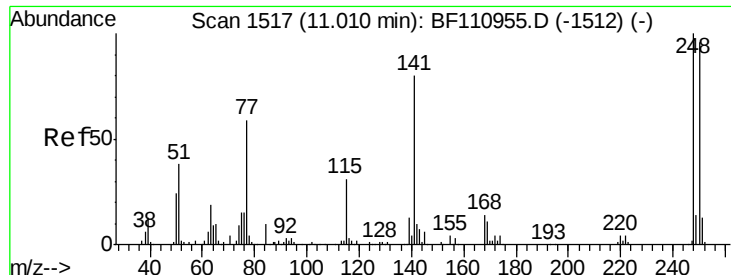
Tgt Ion:188 Resp: 134234
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.4 7.9 11.9



#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

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

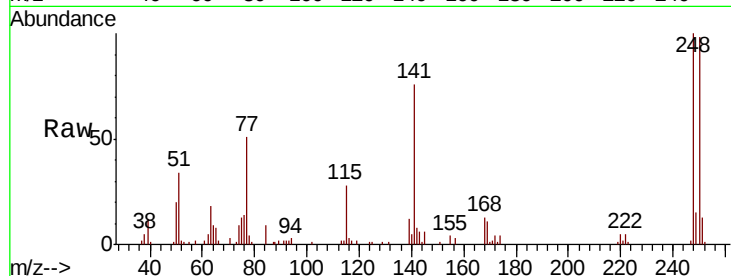




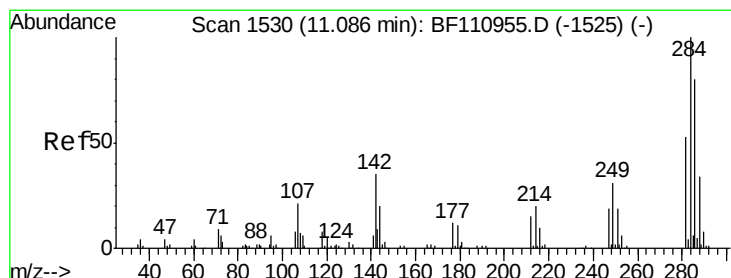
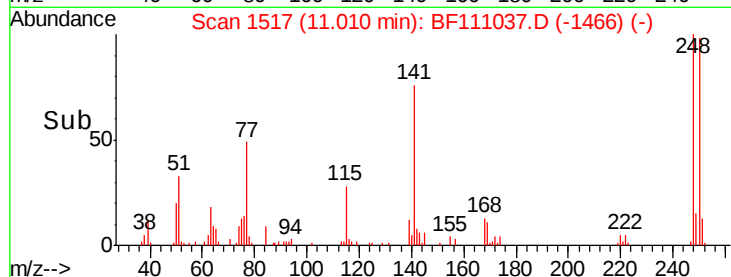
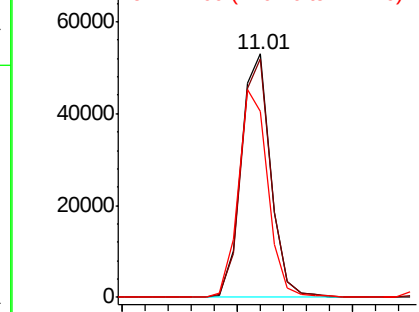
#67
4-Bromophenyl-phenylether
Concen: 32.322 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

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

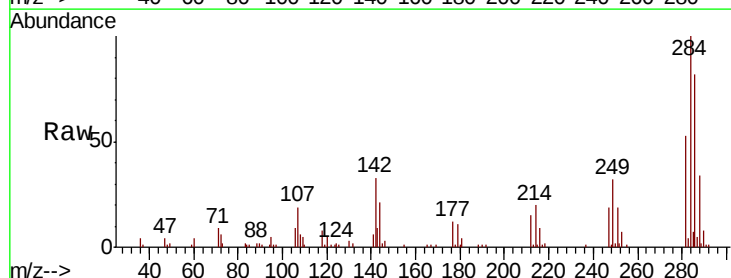


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

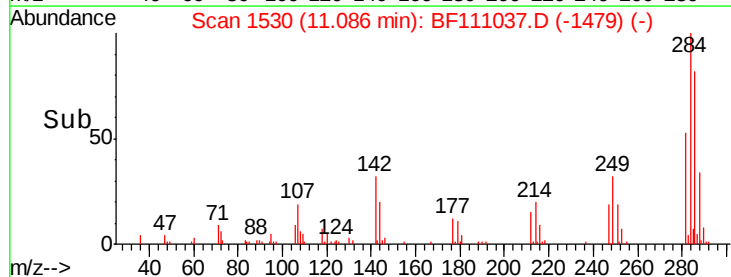
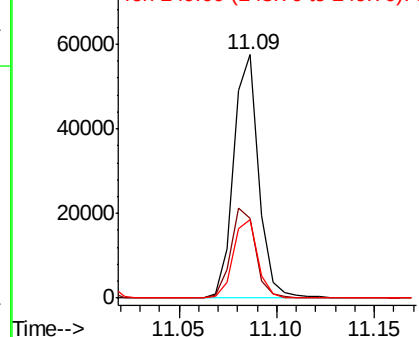


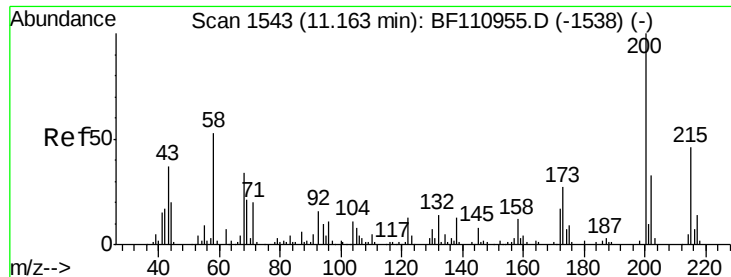
#68
Hexachlorobenzene
Concen: 32.924 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt 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

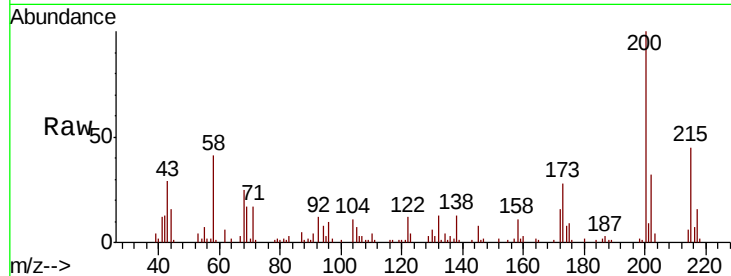




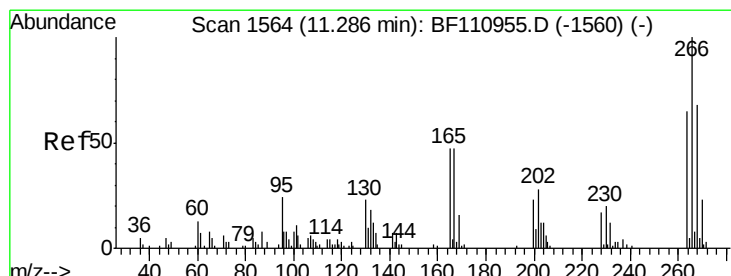
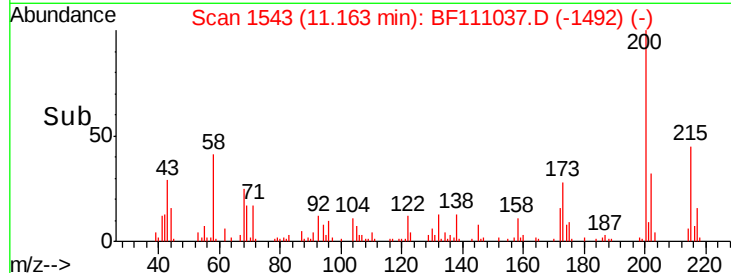
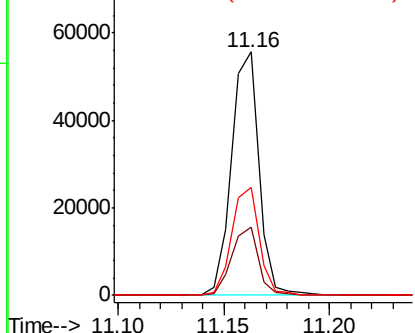
#69
 Atrazine
 Concen: 39.507 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

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

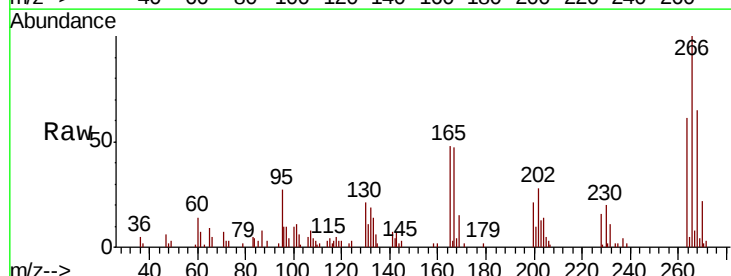


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

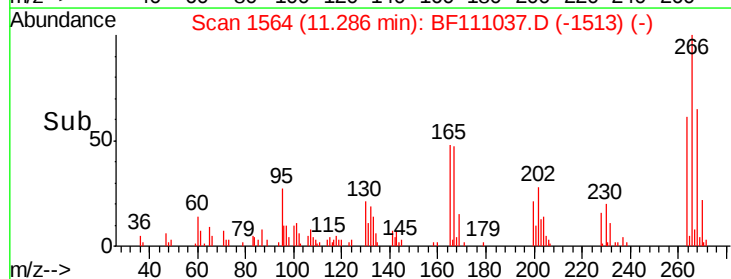
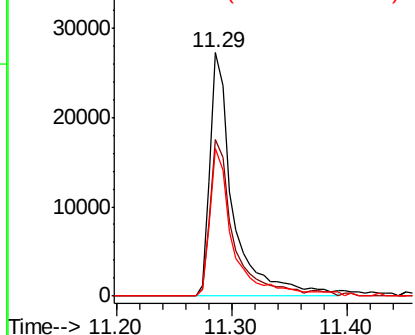


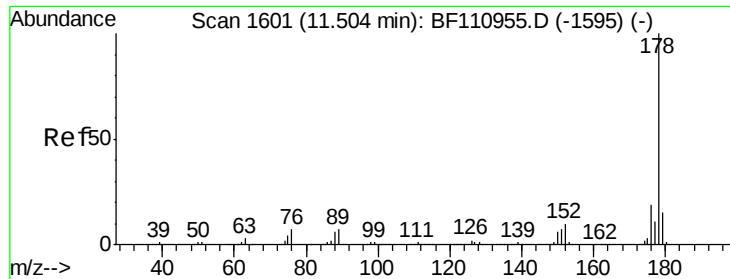
#70
 Pentachlorophenol
 Concen: 61.605 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

Tgt Ion:266 Resp: 38165
 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

Instrument :

BNA_F

ClientSampleId :

PB115099BS

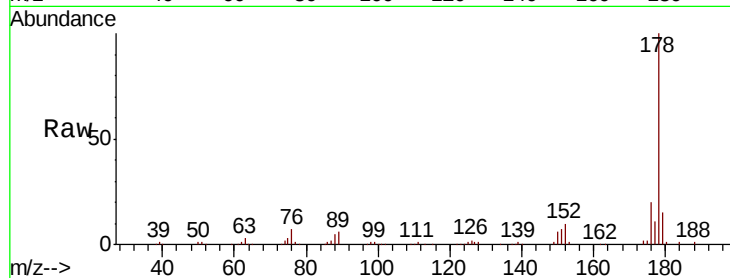
Tgt Ion:178 Resp: 258279

Ion Ratio Lower Upper

178 100

176 19.9 15.5 23.3

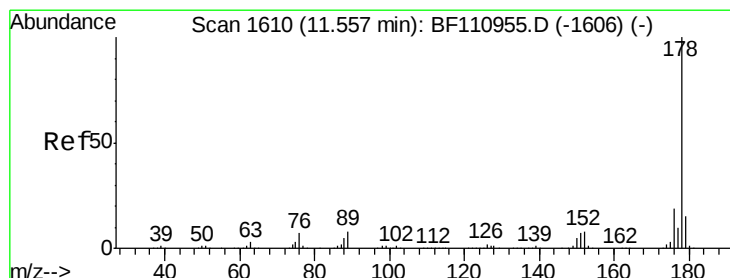
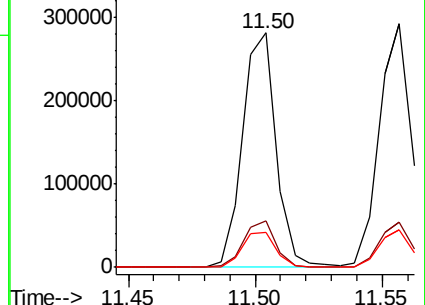
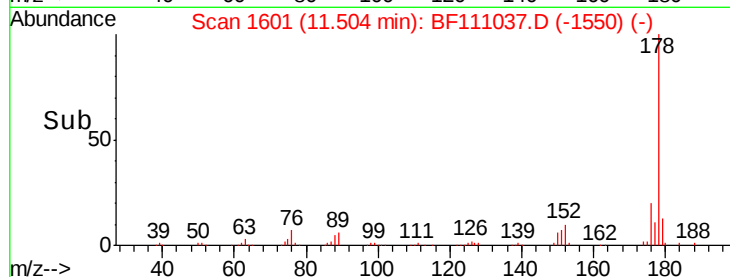
179 15.0 12.5 18.7



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

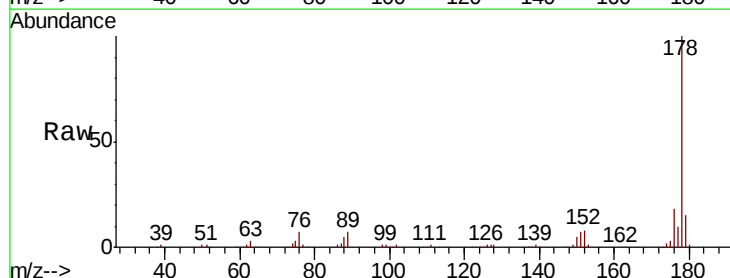
Tgt Ion:178 Resp: 274732

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

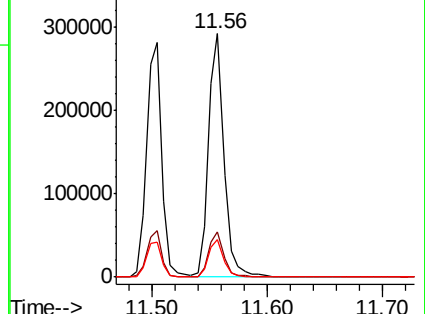
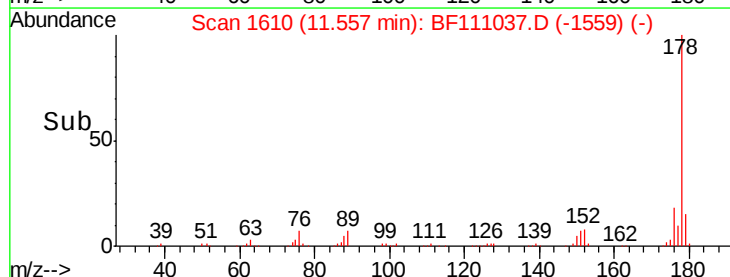
179 15.3 12.6 18.8

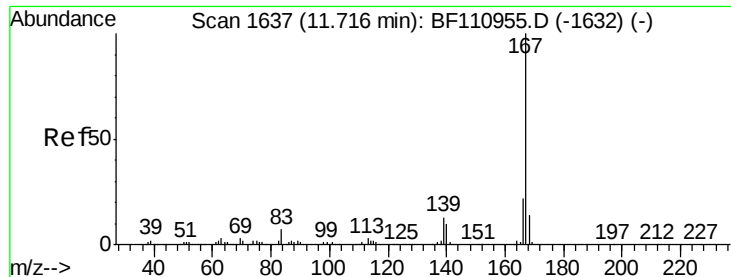


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

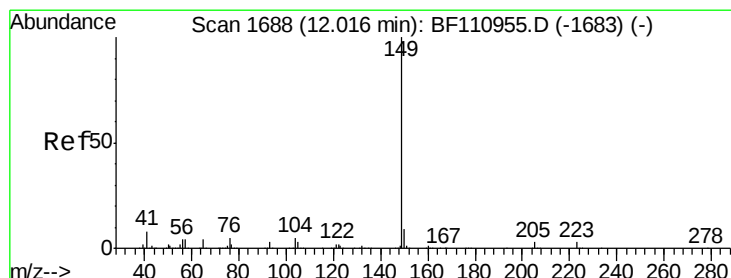
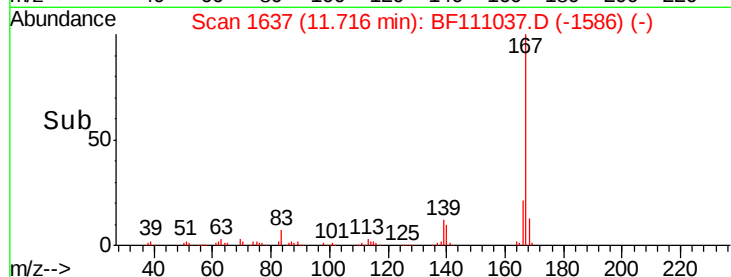
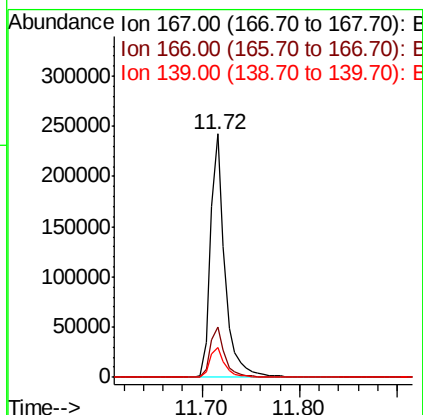
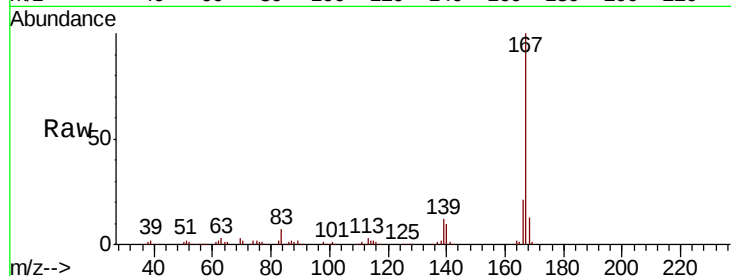




#73
 Carbazole
 Concen: 34.964 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

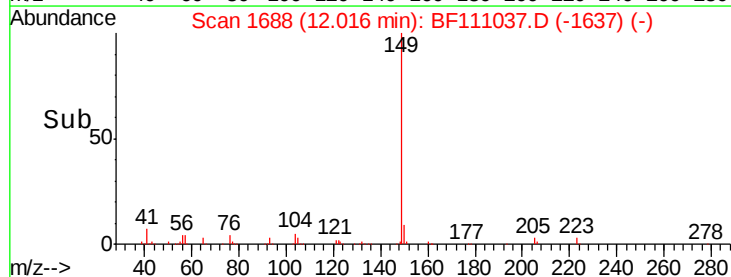
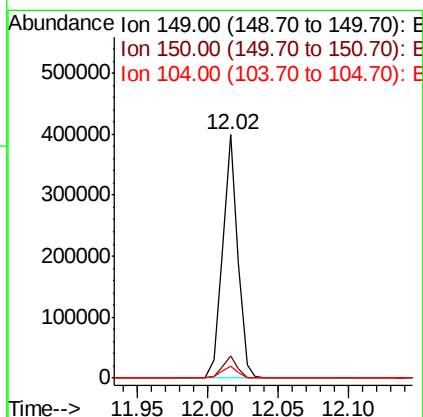
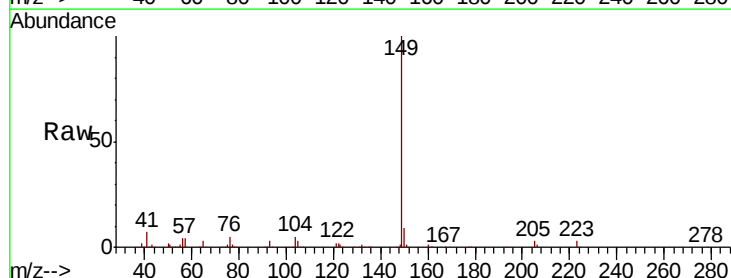
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

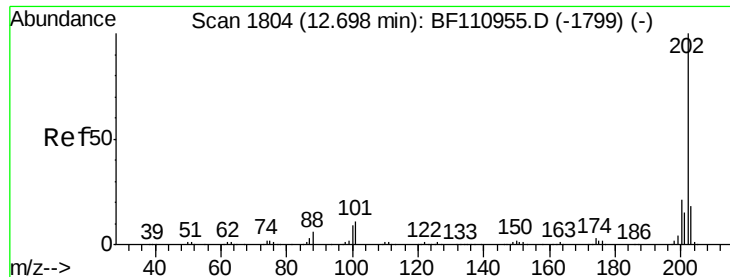
Tgt Ion:167 Resp: 245709
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.4 26.0
 139 12.3 10.9 16.3



#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

Tgt Ion:149 Resp: 297715
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.1 4.2 6.4

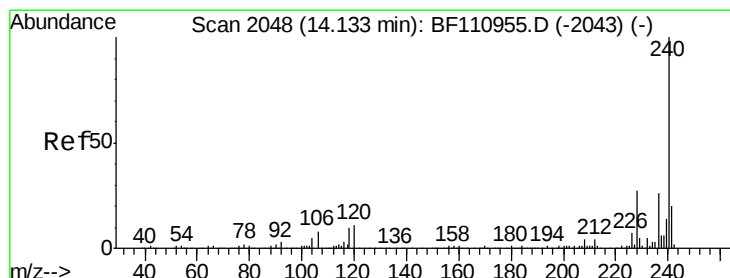
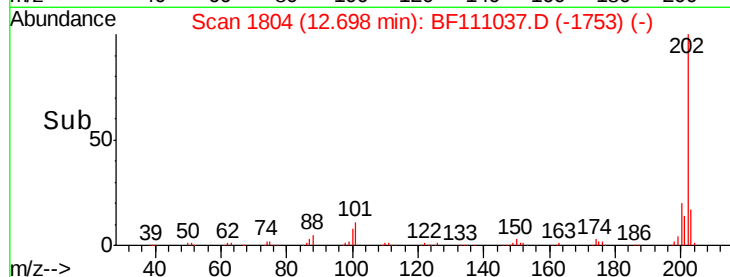
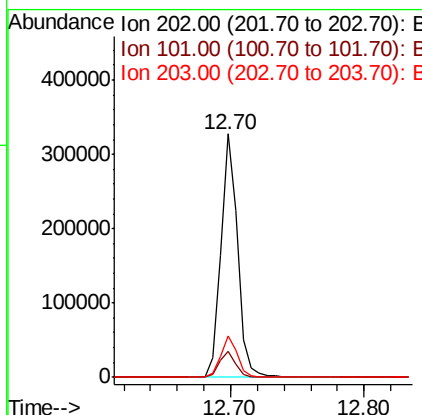
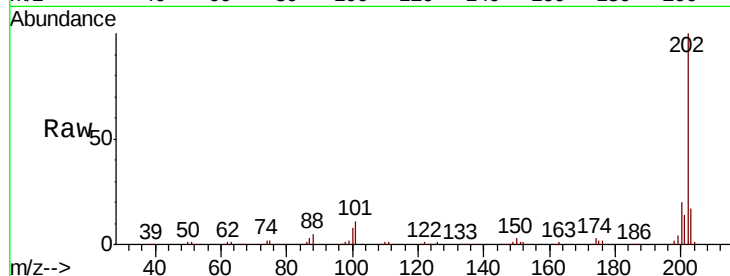




#75
 Fluoranthene
 Concen: 39.773 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF111037.D
 Acq: 28 Nov 2018 4:49

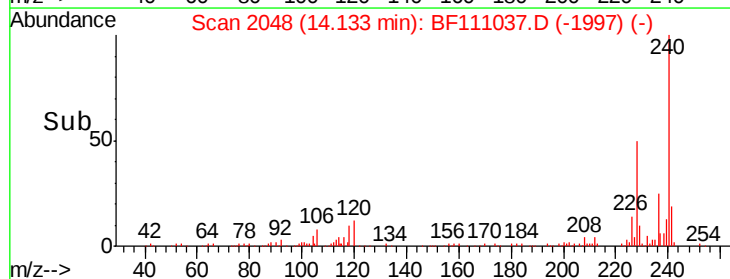
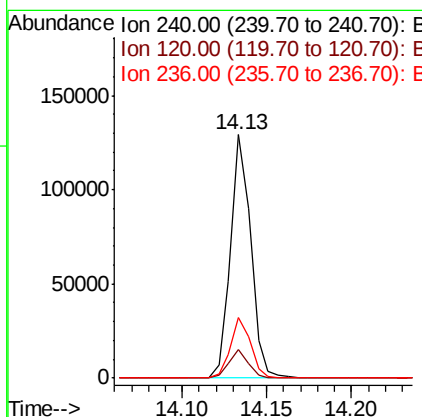
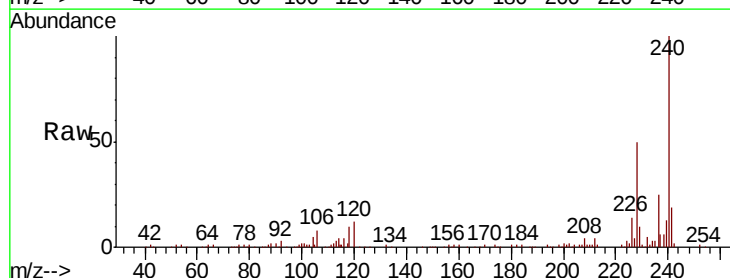
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BS

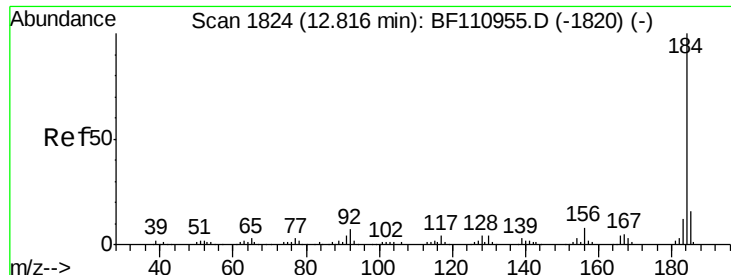
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	31.4
203	17.1	0.0	37.7



#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

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	24.8	21.2	31.8

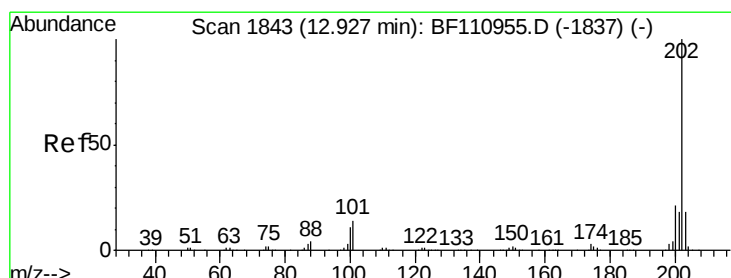
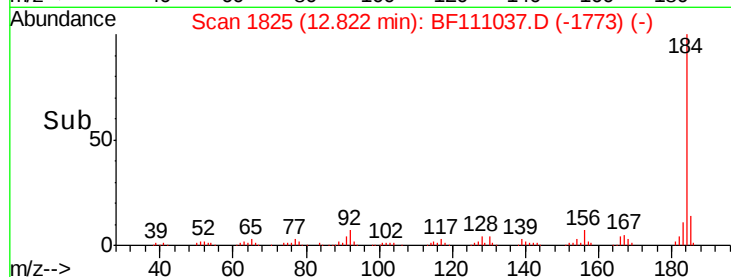
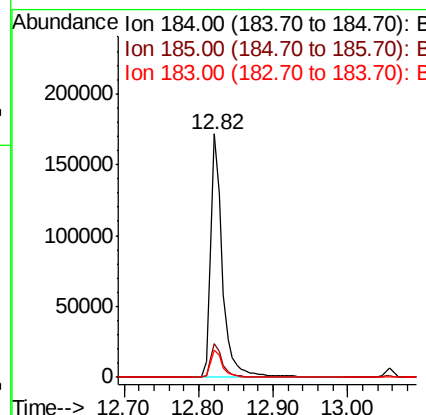
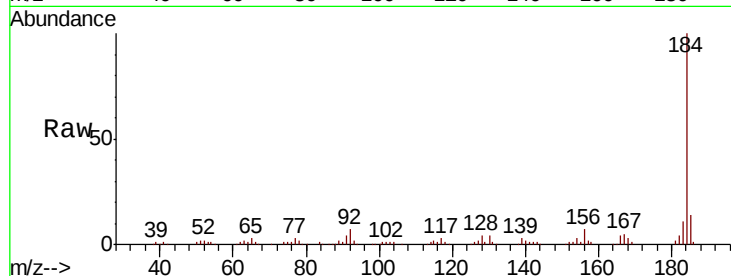




#77
Benzidine
Concen: 69.286 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

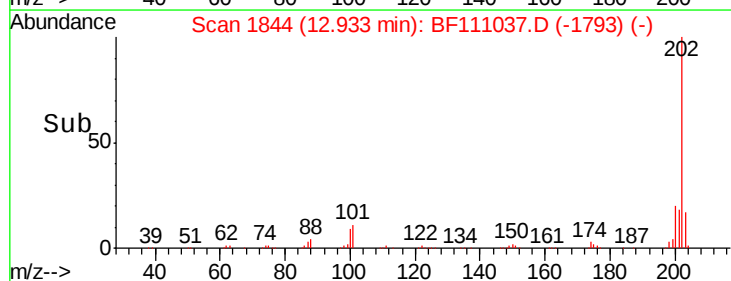
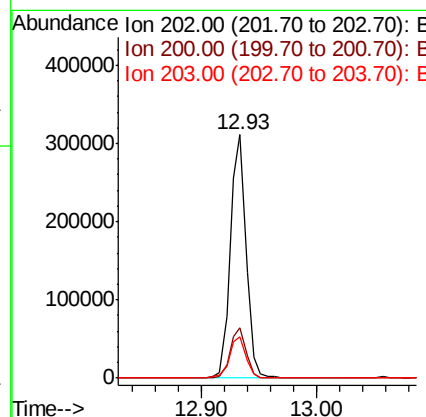
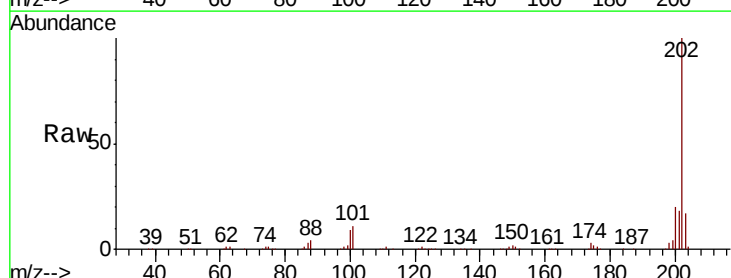
Instrument :
BNA_F
ClientSampleId :
PB115099BS

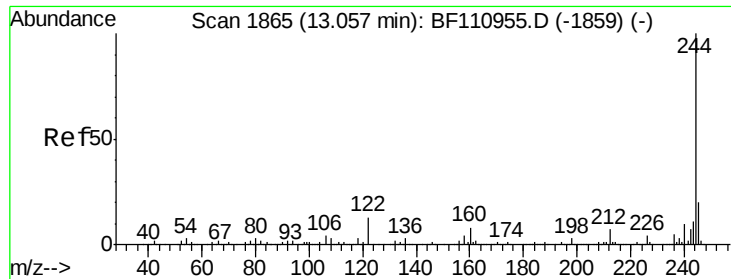
Tgt Ion:184 Resp: 190792
Ion Ratio Lower Upper
184 100
185 13.9 13.4 20.2
183 11.4 9.4 14.2



#78
Pyrene
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

Tgt Ion:202 Resp: 293960
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

Instrument :

BNA_F

ClientSampleId :

PB115099BS

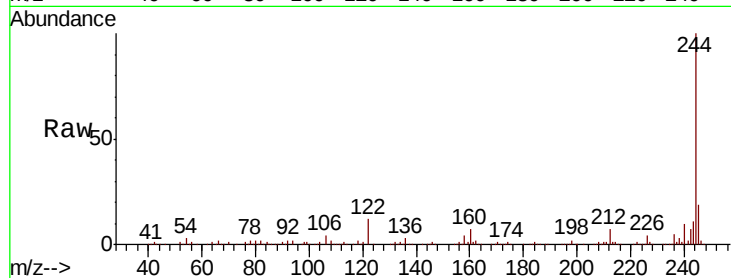
Tgt Ion:244 Resp: 391993

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

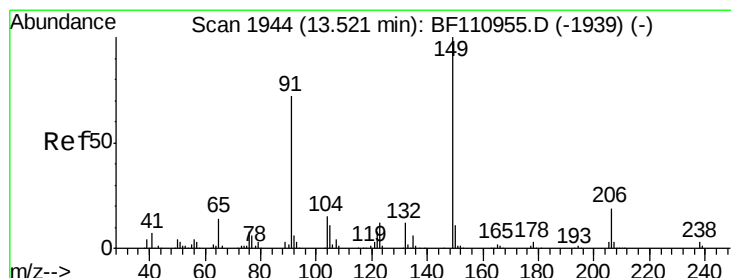
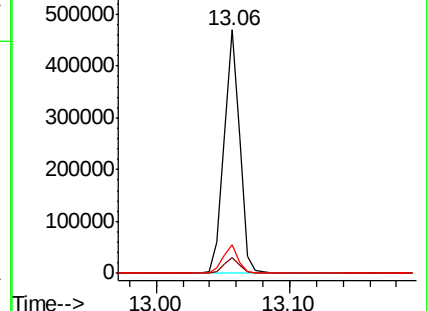
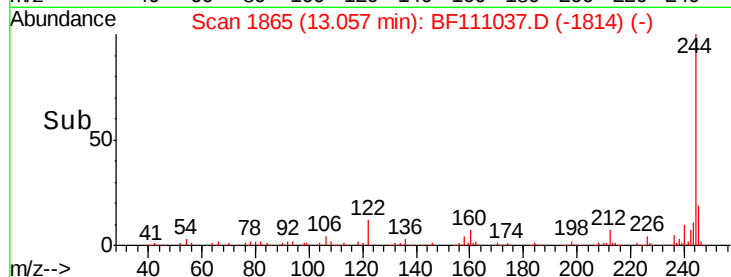
122 11.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 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

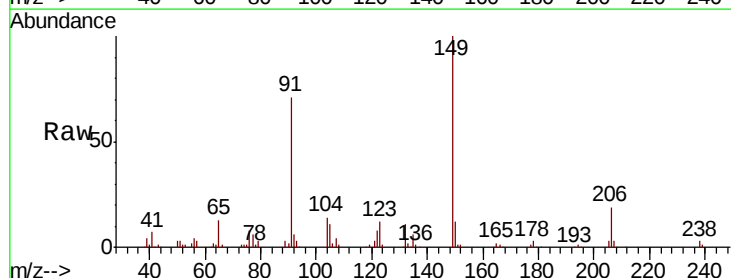
Tgt Ion:149 Resp: 137043

Ion Ratio Lower Upper

149 100

91 70.7 57.2 85.8

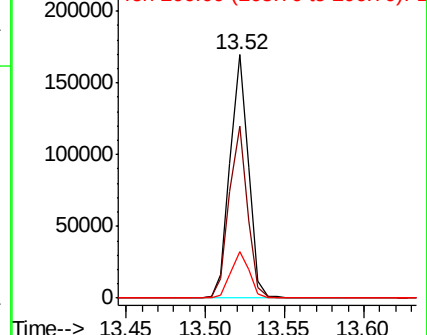
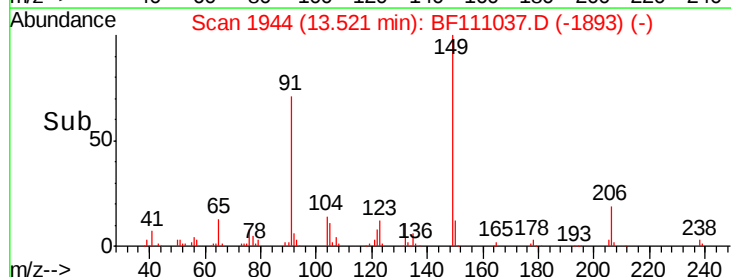
206 19.3 15.7 23.5

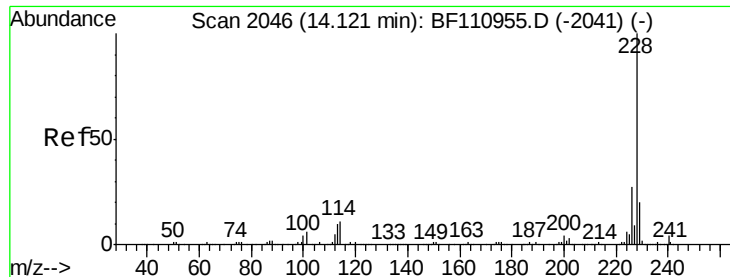


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

PB115099BS

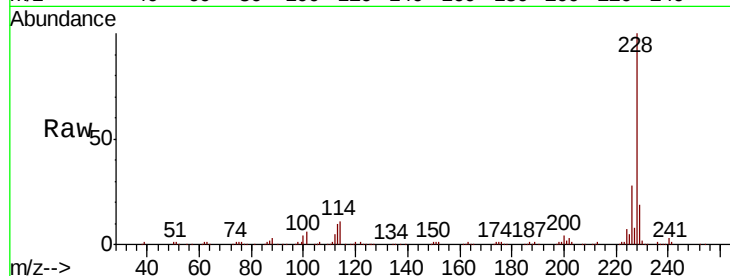
Tgt Ion:228 Resp: 233201

Ion Ratio Lower Upper

228 100

226 27.9 22.1 33.1

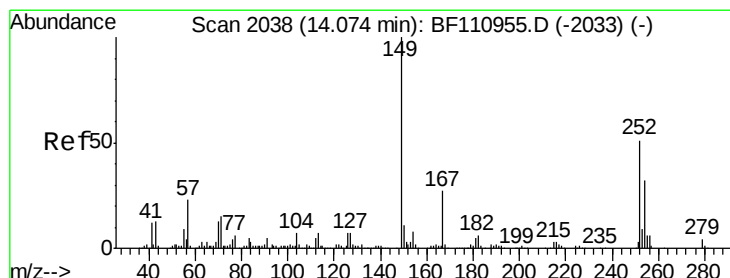
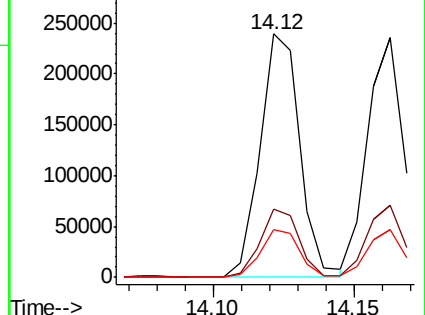
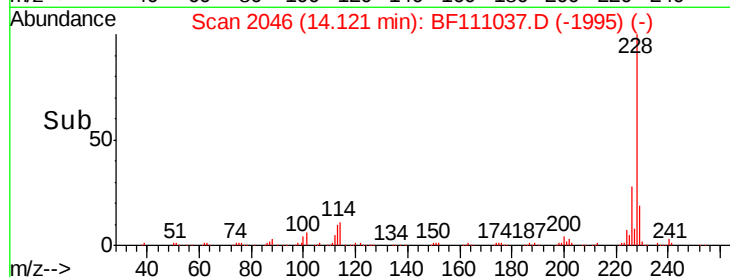
229 19.4 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 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

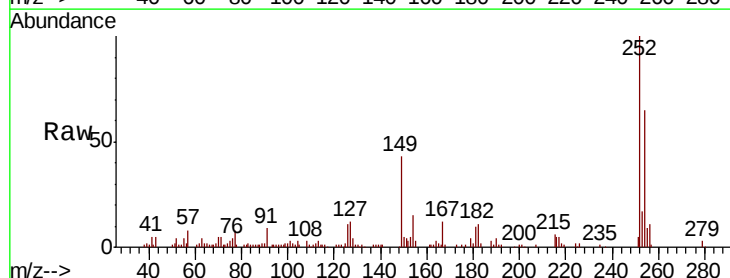
Tgt Ion:252 Resp: 76978

Ion Ratio Lower Upper

252 100

254 65.5 51.3 76.9

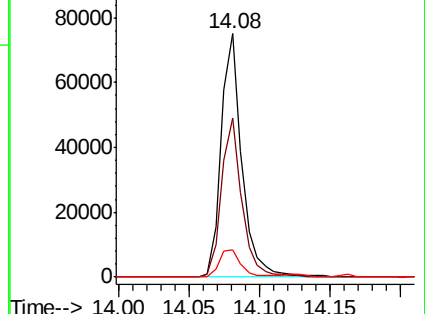
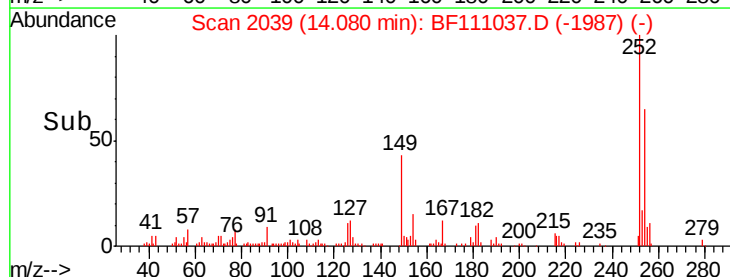
126 11.3 9.4 14.2

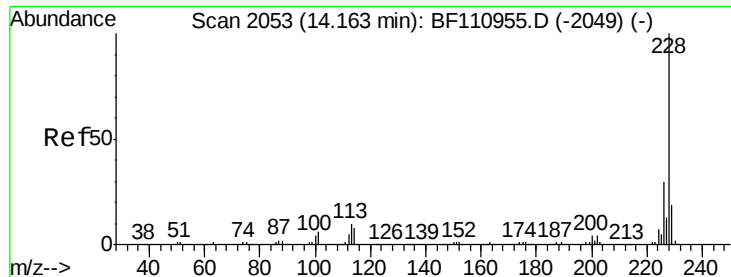


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 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

Instrument :

BNA_F

ClientSampleId :

PB115099BS

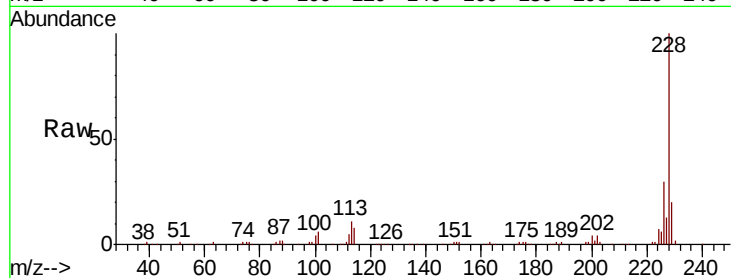
Tgt Ion: 228 Resp: 215957

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

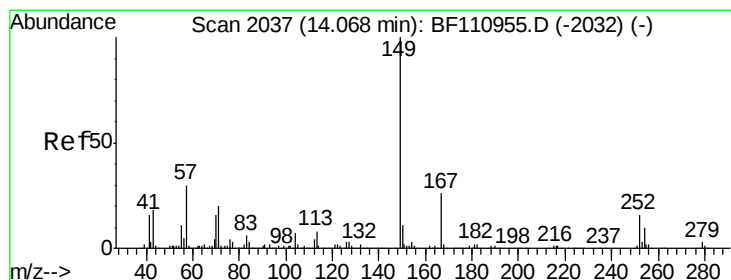
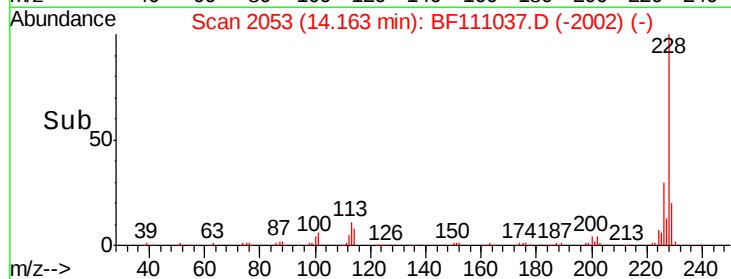
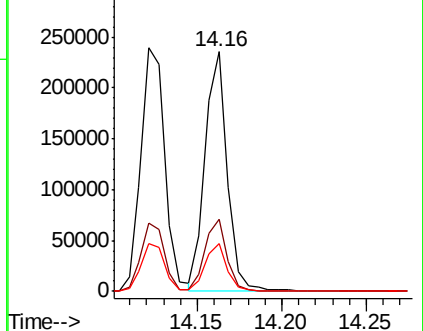
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#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

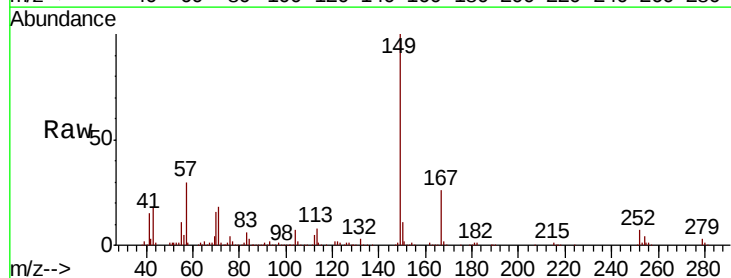
Tgt Ion: 149 Resp: 190802

Ion Ratio Lower Upper

149 100

167 25.6 19.8 29.8

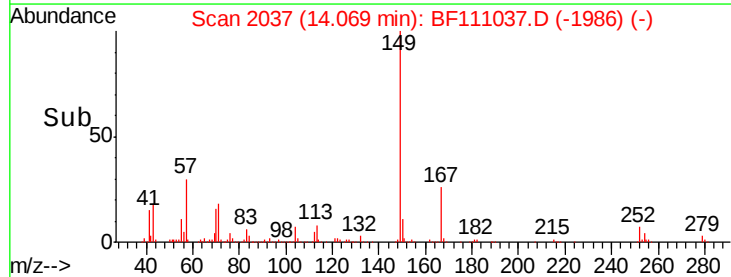
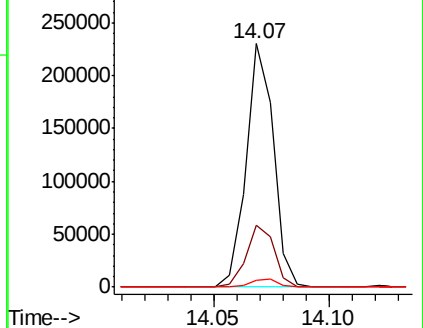
279 3.1 2.7 4.1

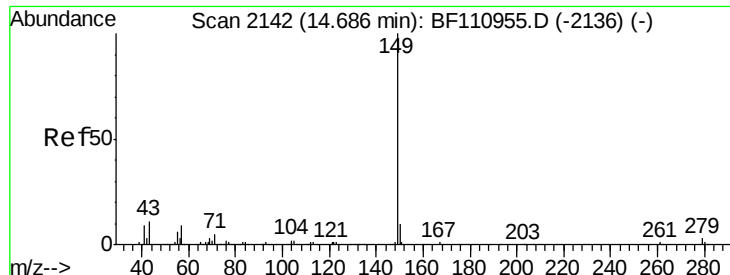


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

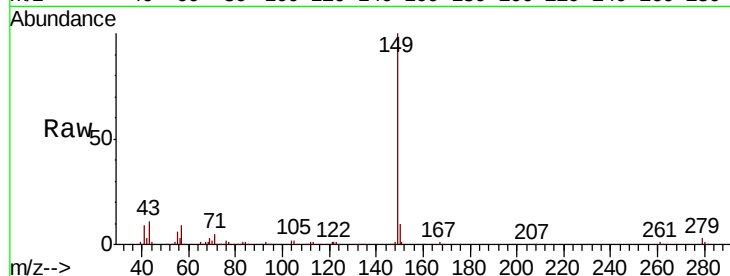




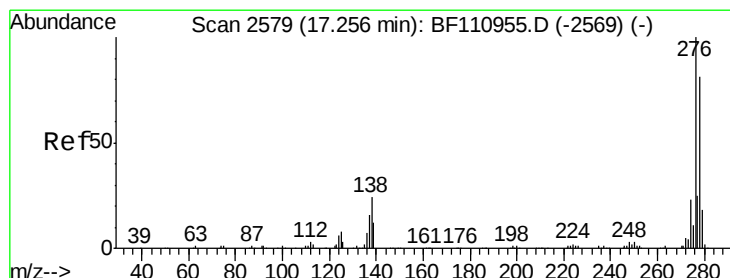
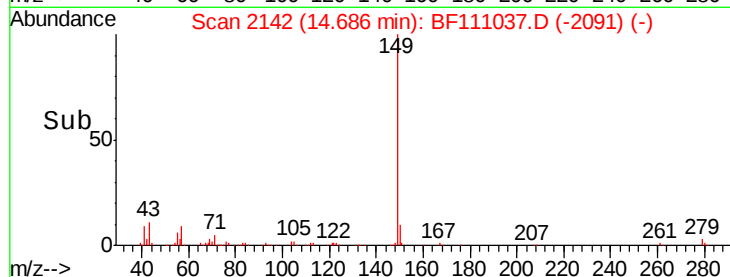
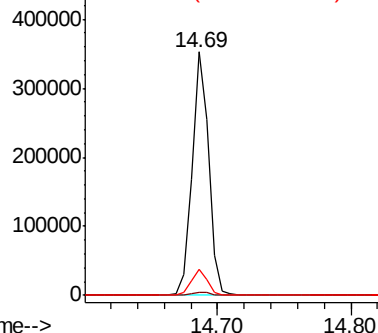
#85
Di-n-octyl phthalate
Concen: 41.455 ng
RT: 14.69 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Instrument :
BNA_F
ClientSampleId :
PB115099BS

Tgt Ion:149 Resp: 309542
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.2 7.8 11.8

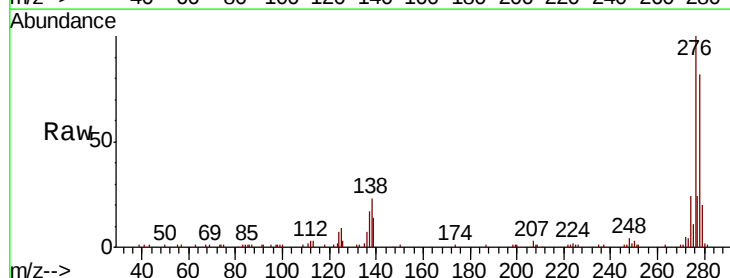


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

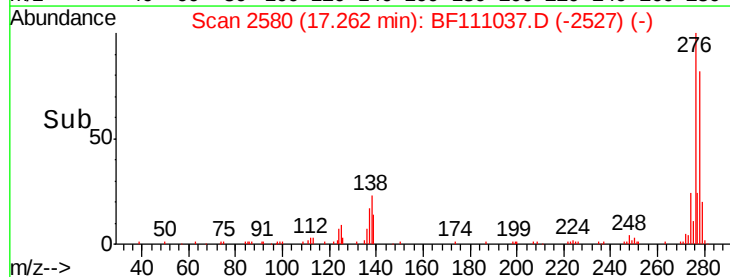
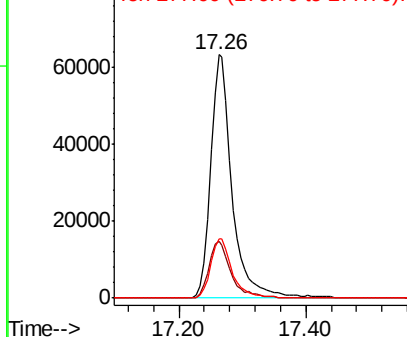


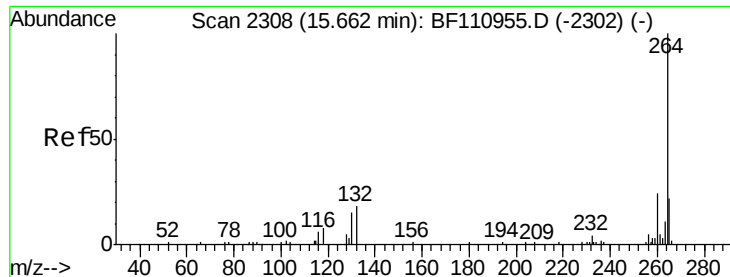
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.574 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BF111037.D
Acq: 28 Nov 2018 4:49

Tgt 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

Instrument :

BNA_F

ClientSampleId :

PB115099BS

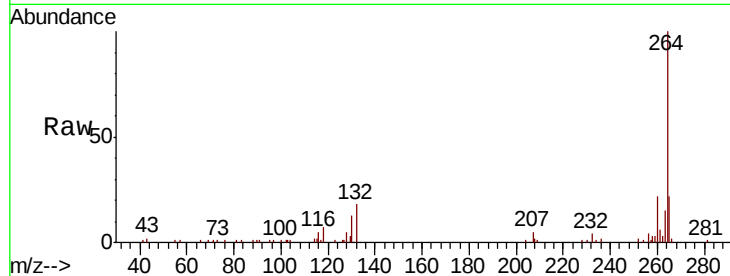
Tgt Ion:264 Resp: 70253

Ion Ratio Lower Upper

264 100

260 22.3 18.7 28.1

265 21.8 16.7 25.1

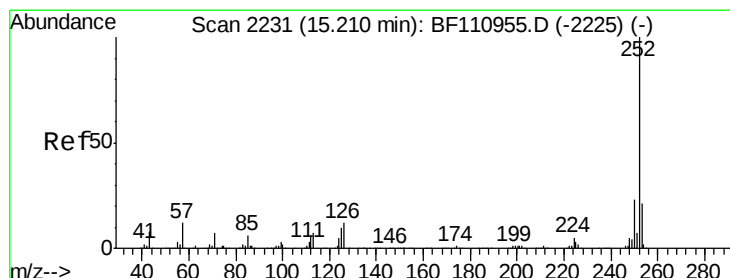
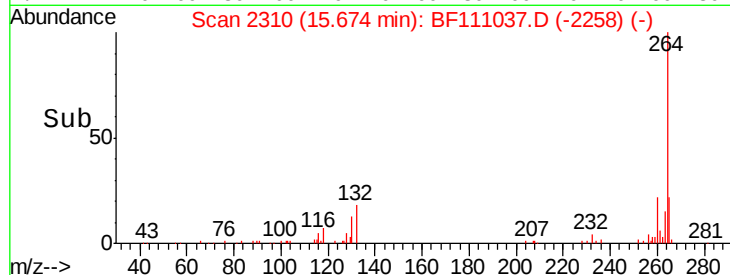
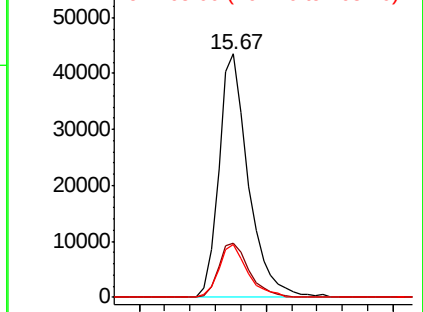


Abundance

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

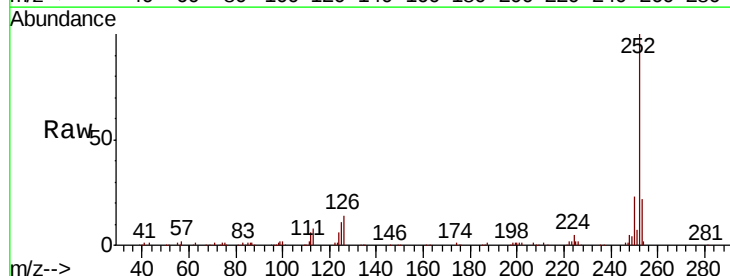
Tgt Ion:252 Resp: 159410

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 11.0 8.2 12.4

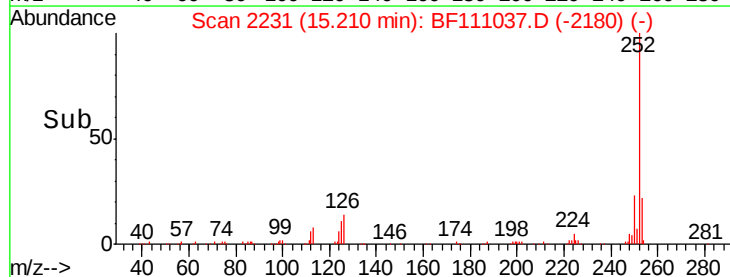
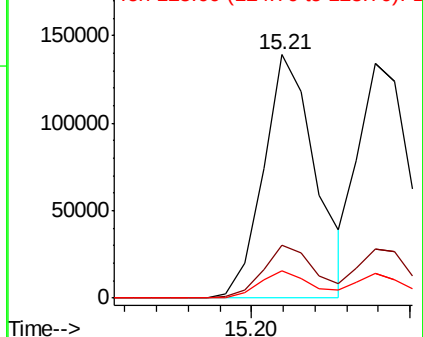


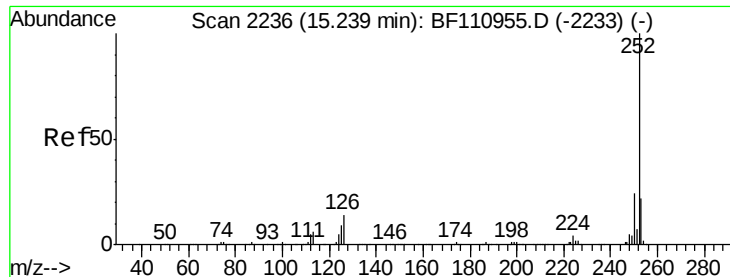
Abundance

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

Instrument :

BNA_F

ClientSampleId :

PB115099BS

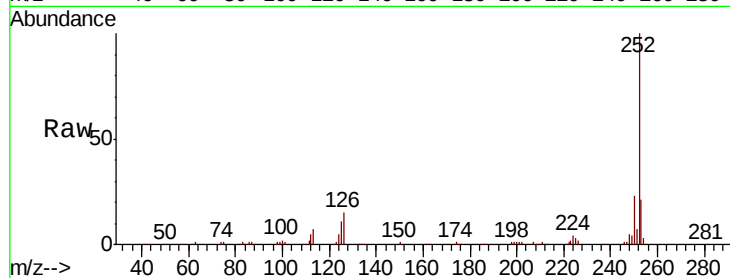
Tgt Ion:252 Resp: 157419

Ion Ratio Lower Upper

252 100

253 20.8 17.2 25.8

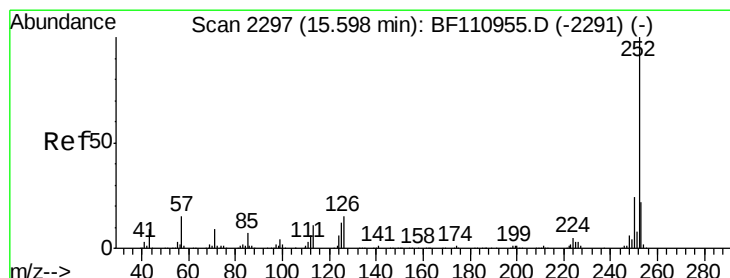
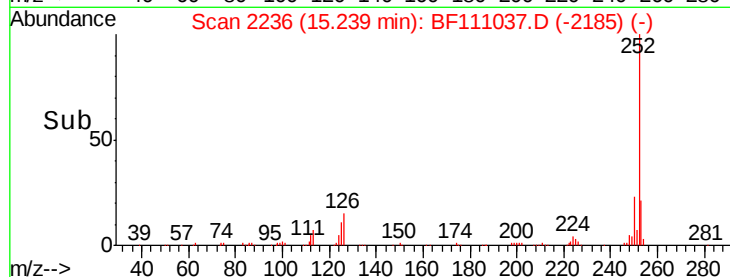
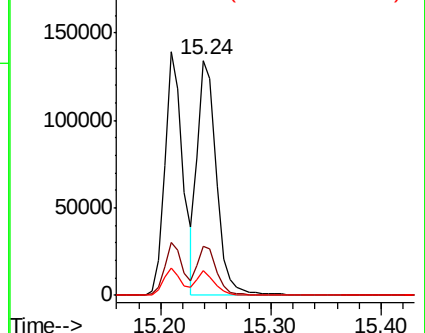
125 10.6 7.4 11.0



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

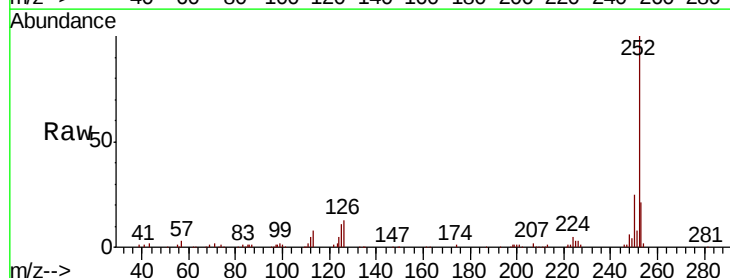
Tgt Ion:252 Resp: 144070

Ion Ratio Lower Upper

252 100

253 20.7 18.2 27.4

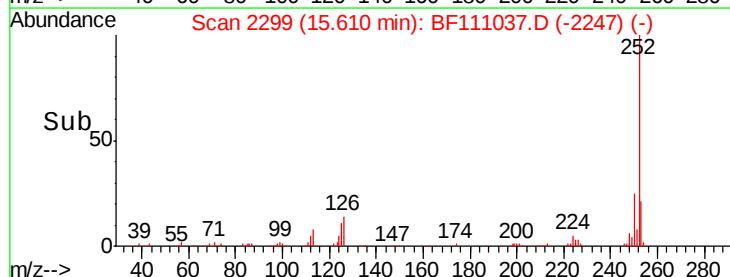
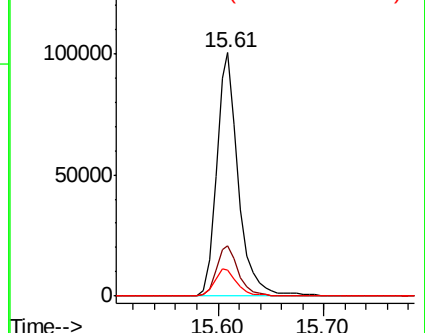
125 10.6 9.0 13.6

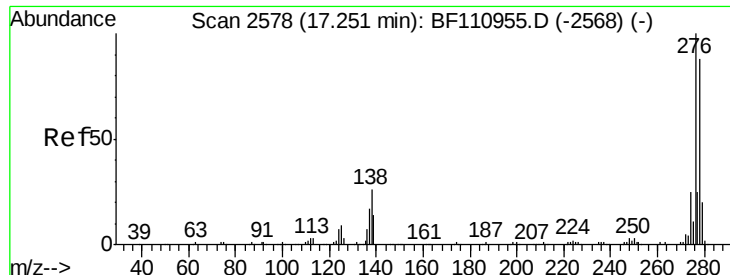


Abundance Ion 252.00 (251.70 to 252.70): E

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

Instrument :

BNA_F

ClientSampleId :

PB115099BS

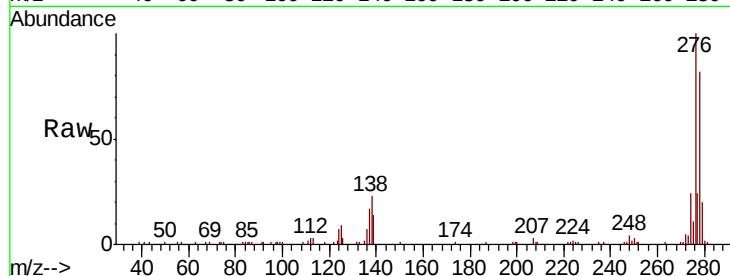
Tgt Ion: 278 Resp: 125195

Ion Ratio Lower Upper

278 100

139 16.9 12.7 19.1

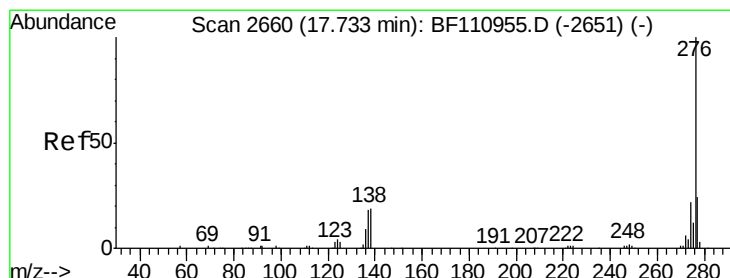
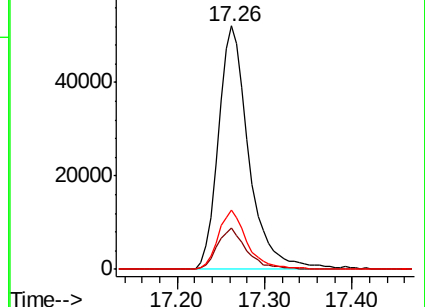
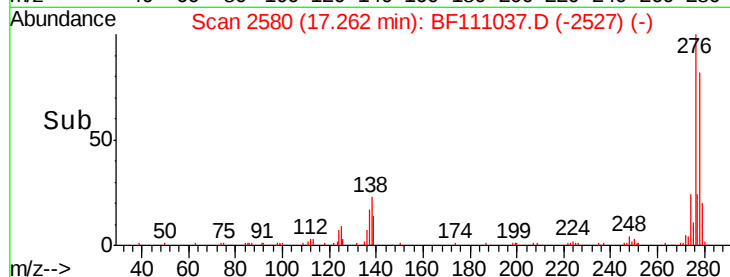
279 24.1 19.0 28.4



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(g,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

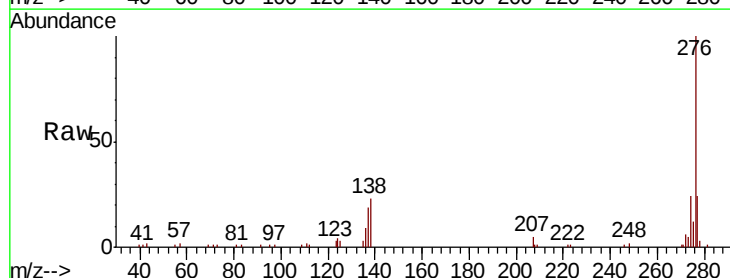
Tgt Ion: 276 Resp: 123004

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

