

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
 Data File : BF111038.D
 Acq On : 28 Nov 2018 5:16
 Operator : JU/SJ
 Sample : PB115099BSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Quant Time: Nov 28 06:12:05 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	46802	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	177655	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	69335	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	125530	20.00	ng	0.00
76) Chrysene-d12	14.13	240	98235	20.00	ng	0.00
87) Perylene-d12	15.67	264	65178	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	222948	79.00	ng	0.01
7) Phenol-d6	6.57	99	265693	72.24	ng	0.00
23) Nitrobenzene-d5	7.50	82	234478	75.54	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	46613	67.69	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	405387	84.71	ng	0.00
79) Terphenyl-d14	13.06	244	379373	75.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	39737	29.389	ng	# 82
3) Pyridine	3.61	79	103411	34.927	ng	86
4) n-Nitrosodimethylamine	3.57	42	52124	38.473	ng	88
6) Aniline	6.61	93	51105	11.240	ng	# 62
8) 2-Chlorophenol	6.72	128	119034	35.589	ng	95
9) Benzaldehyde	6.50	77	73163	36.334	ng	96
10) Phenol	6.58	94	137769	33.262	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	111660	35.783	ng	94
12) 1,3-Dichlorobenzene	6.87	146	127196	34.616	ng	99
13) 1,4-Dichlorobenzene	6.95	146	131841	34.891	ng	98
14) 1,2-Dichlorobenzene	7.10	146	121798	34.248	ng	98
15) Benzyl Alcohol	7.08	79	95939	33.943	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	170651	34.363	ng	82
17) 2-Methylphenol	7.19	107	89020	33.474	ng	# 88
18) Hexachloroethane	7.44	117	38408	27.633	ng	96
19) n-Nitroso-di-n-propylamine	7.34	70	79642	33.243	ng	95
20) 3+4-Methylphenols	7.35	107	119021	33.668	ng	# 49
22) Acetophenone	7.35	105	161816	38.859	ng	# 92
24) Nitrobenzene	7.52	77	114762	35.551	ng	96
25) Isophorone	7.76	82	204224	40.107	ng	97
26) 2-Nitrophenol	7.84	139	47349	30.191	ng	99
27) 2,4-Dimethylphenol	7.87	122	97766	41.279	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	131441	38.531	ng	100
29) 2,4-Dichlorophenol	8.09	162	85449	34.478	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	96380	34.700	ng	95
31) Naphthalene	8.24	128	309825	37.204	ng	99
32) Benzoic acid	7.99	122	32582	18.503	ng	92
33) 4-Chloroaniline	8.31	127	30822	8.696	ng	98
34) Hexachlorobutadiene	8.35	225	55661	35.185	ng	98
35) Caprolactam	8.66	113	23985	28.347	ng	94
36) 4-Chloro-3-methylphenol	8.78	107	85938	31.208	ng	94
37) 2-Methylnaphthalene	8.93	142	196877	35.792	ng	99
38) 1-Methylnaphthalene	9.03	142	182636	34.136	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	81090	37.178	ng	98

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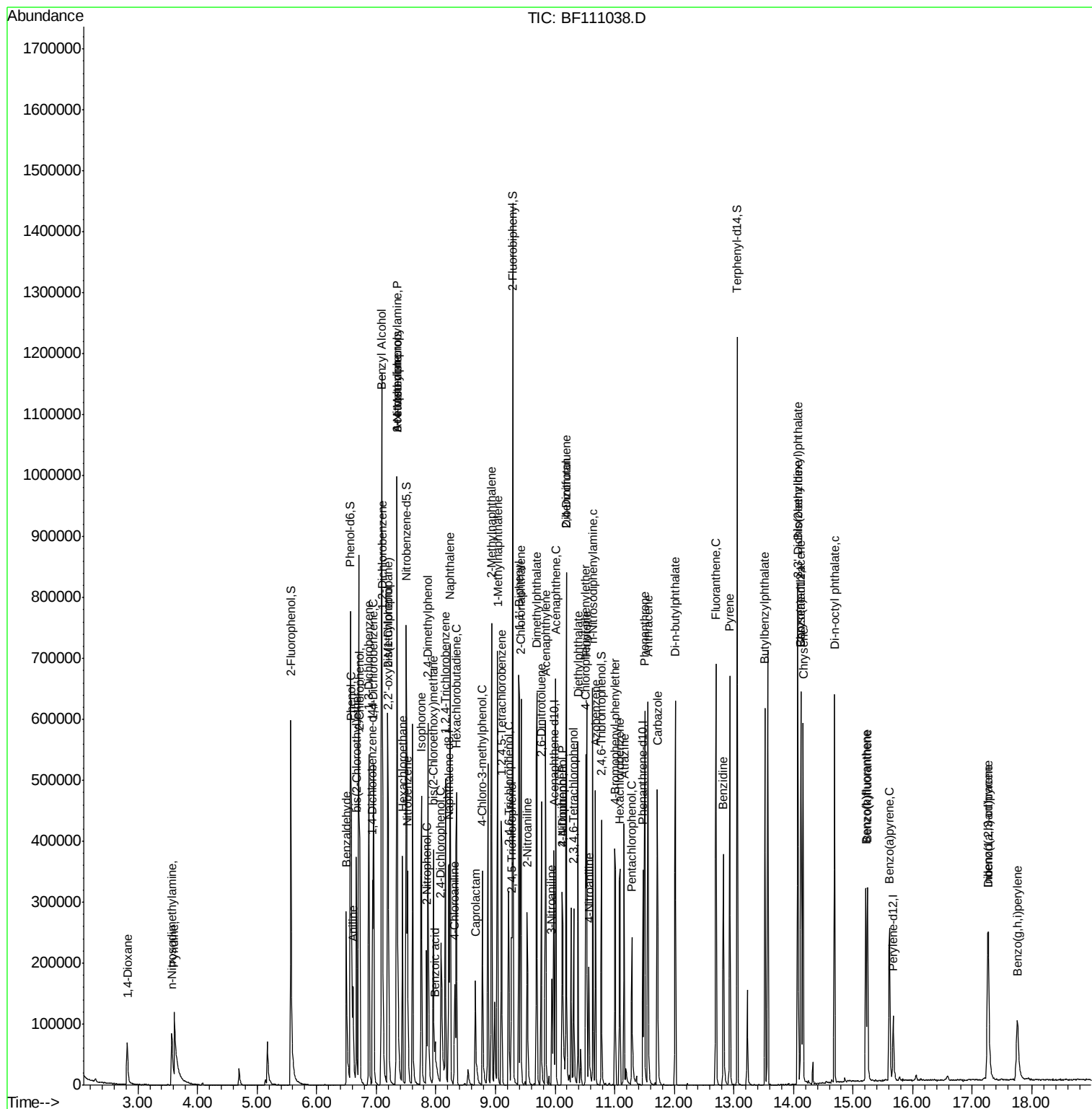
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	47950	36.810	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	50892	37.103	ng	94
46) 1,1'-Biphenyl	9.40	154	228728	35.782	ng	99
47) 2-Chloronaphthalene	9.43	162	169453	36.561	ng	99
48) 2-Nitroaniline	9.53	65	54393	37.520	ng	95
49) Acenaphthylene	9.85	152	253065	38.398	ng	99
50) Dimethylphthalate	9.69	163	197035	38.748	ng	100
51) 2,6-Dinitrotoluene	9.77	165	36661	32.385	ng	96
52) Acenaphthene	10.01	154	151791	35.927	ng	98
53) 3-Nitroaniline	9.95	138	34710	26.307	ng	90
54) 2,4-Dinitrophenol	10.12	184	765	5.541	ng	# 1
55) Dibenzofuran	10.19	168	217793	35.335	ng	98
56) 4-Nitrophenol	10.12	139	43249	60.079	ng	92
57) 2,4-Dinitrotoluene	10.19	165	44056	29.996	ng	# 80
58) Fluorene	10.53	166	174052	36.294	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	41138	36.545	ng	96
60) Diethylphthalate	10.39	149	188231	35.896	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	82684	32.964	ng	98
62) 4-Nitroaniline	10.57	138	42271	34.409	ng	94
63) Azobenzene	10.67	77	169561	33.175	ng	96
66) n-Nitrosodiphenylamine	10.63	169	150597	36.038	ng	98
67) 4-Bromophenyl-phenylether	11.01	248	47384	34.660	ng	96
68) Hexachlorobenzene	11.09	284	48280	33.155	ng	95
69) Atrazine	11.16	200	48514	42.547	ng	99
70) Pentachlorophenol	11.29	266	37410	64.573	ng	97
71) Phenanthrene	11.50	178	253314	38.101	ng	98
72) Anthracene	11.56	178	265150	39.161	ng	98
73) Carbazole	11.72	167	233677	35.558	ng	99
74) Di-n-butylphthalate	12.02	149	286508	37.288	ng	99
75) Fluoranthene	12.70	202	280946	41.115	ng	99
77) Benzidine	12.82	184	171609	68.298	ng	97
78) Pyrene	12.93	202	288954	40.273	ng	98
80) Butylbenzylphthalate	13.52	149	130561	40.305	ng	100
81) Benzo(a)anthracene	14.12	228	226390	39.035	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	73977	37.200	ng	97
83) Chrysene	14.16	228	214830	37.628	ng	97
84) Bis(2-ethylhexyl)phthalate	14.07	149	184209	42.678	ng	99
85) Di-n-octyl phthalate	14.69	149	300972	44.174	ng	98
86) Indeno(1,2,3-cd)pyrene	17.27	276	145848	35.589	ng	98
88) Benzo(b)fluoranthene	15.22	252	150880	39.405	ng	99
89) Benzo(k)fluoranthene	15.24	252	151702	38.492	ng	98
90) Benzo(a)pyrene	15.61	252	140153	39.323	ng	99
91) Dibenzo(a,h)anthracene	17.27	278	121535	41.329	ng	99
92) Benzo(g,h,i)perylene	17.76	276	119789	42.248	ng	98

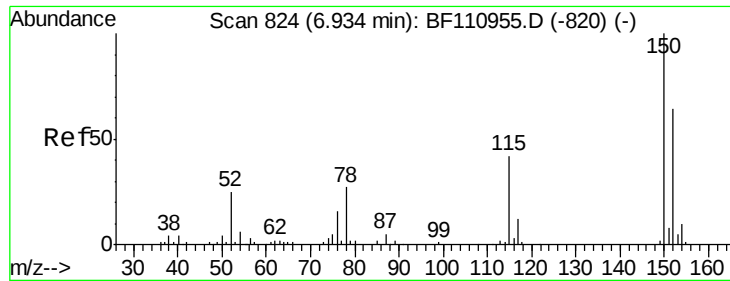
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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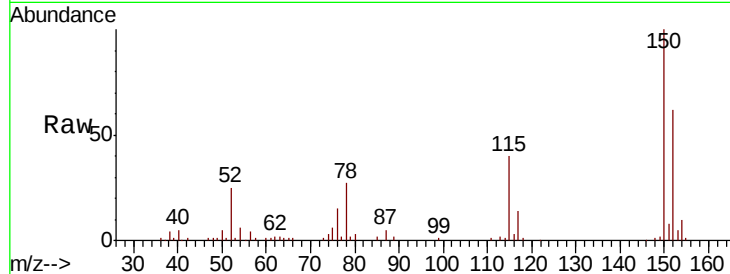


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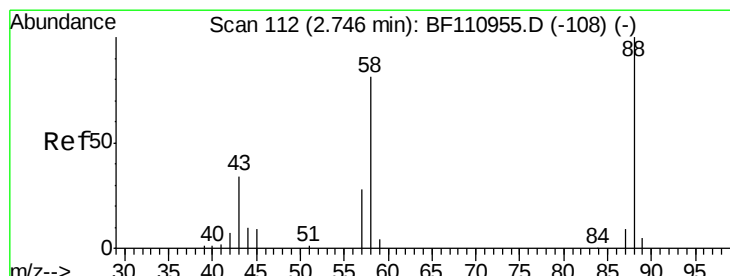
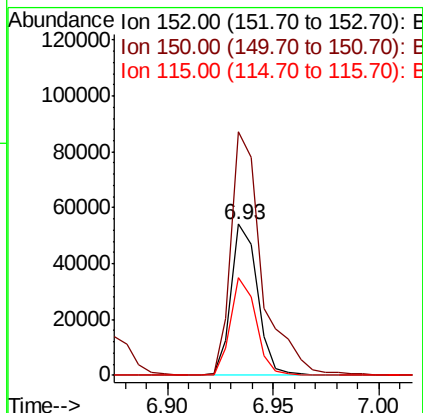
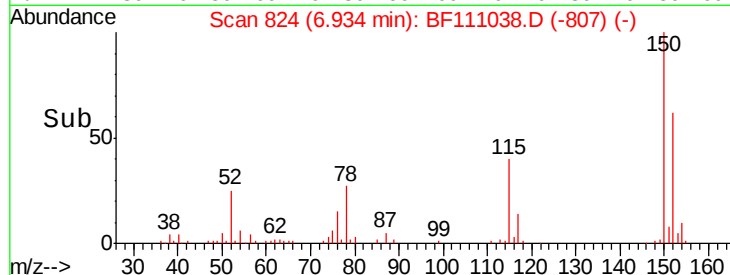
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tgt Ion:152 Resp: 46802
Ion Ratio Lower Upper
152 100
150 161.3 122.7 184.1
115 64.9 49.1 73.7



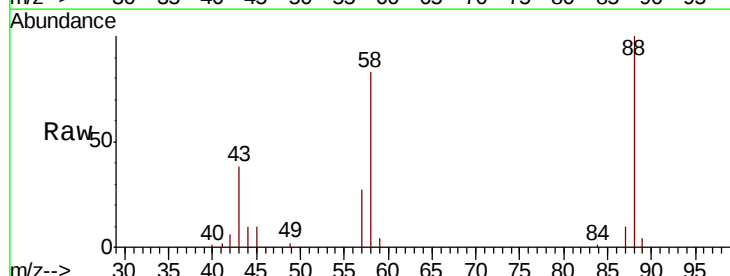
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



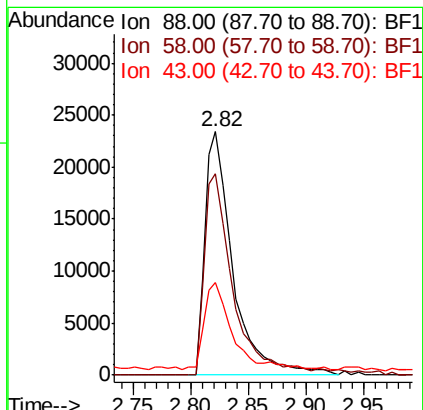
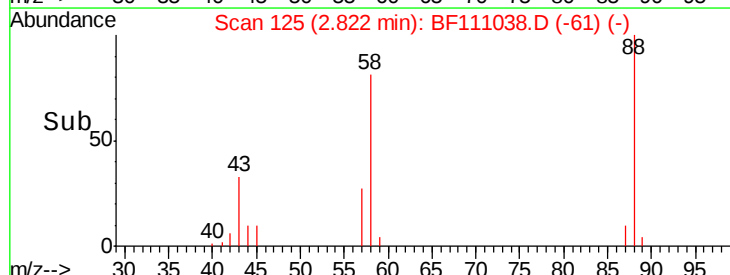
#2

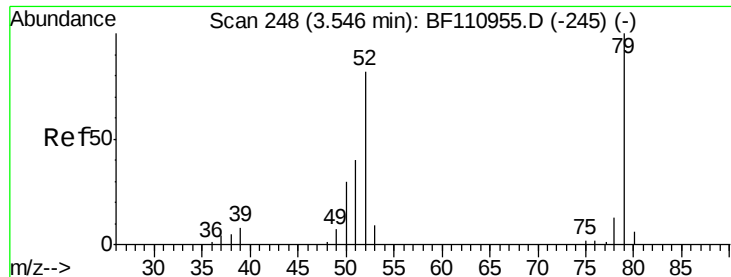
1,4-Dioxane
Concen: 29.389 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.08 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion: 88 Resp: 39737
Ion Ratio Lower Upper
88 100
58 88.2 57.1 85.7#
43 37.3 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

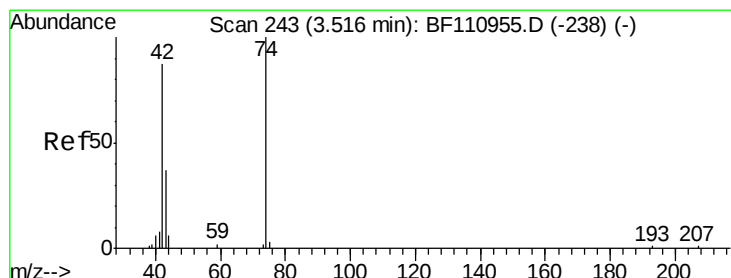
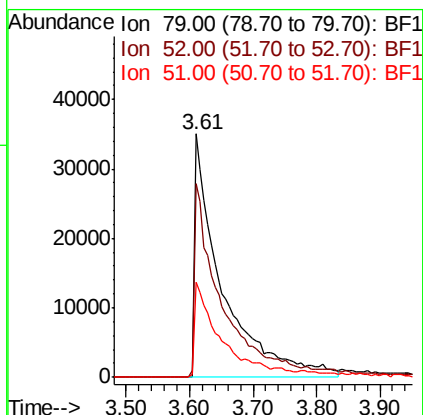
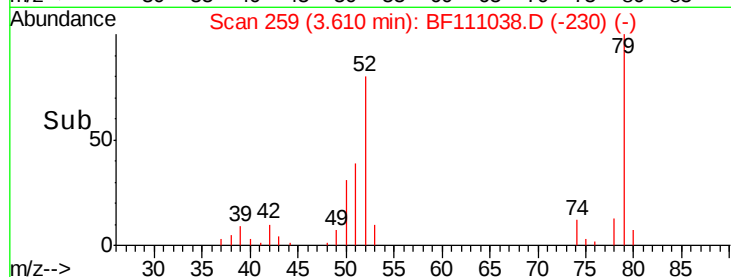
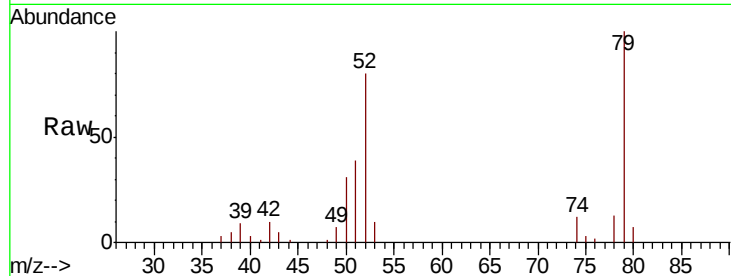




#3
 Pyridine
 Concen: 34.927 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.07 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

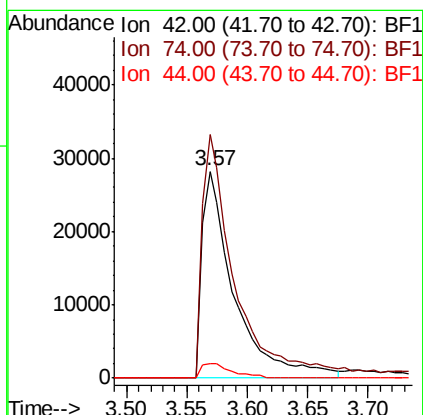
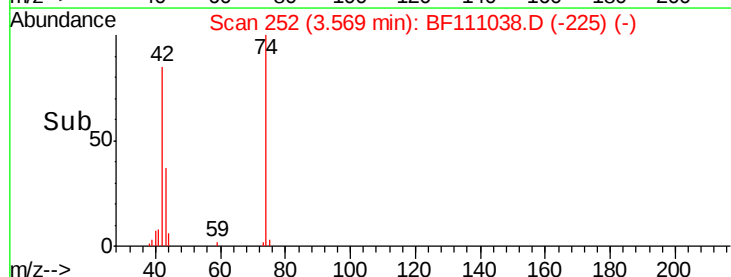
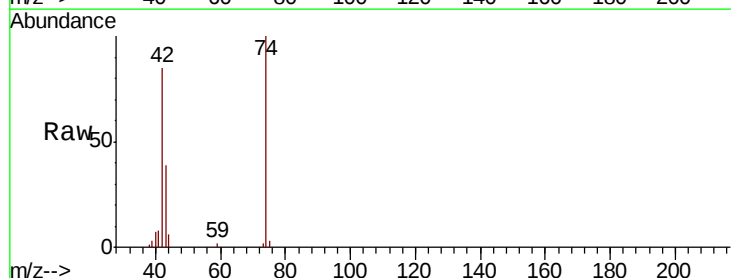
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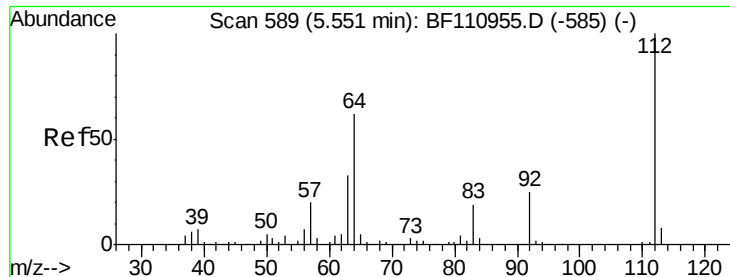
Tgt Ion: 79 Resp: 103411
 Ion Ratio Lower Upper
 79 100
 52 79.5 53.1 79.7
 51 39.2 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 38.473 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.06 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion: 42 Resp: 52124
 Ion Ratio Lower Upper
 42 100
 74 117.9 105.5 158.3
 44 7.0 4.9 7.3





#5

2-Fluorophenol

Concen: 78.996 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

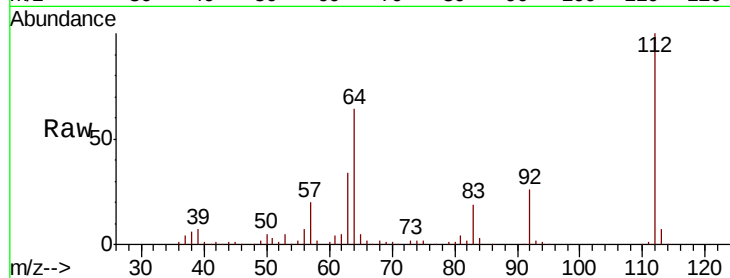
Tgt Ion: 112 Resp: 222948

Ion Ratio Lower Upper

112 100

64 63.5 44.1 66.1

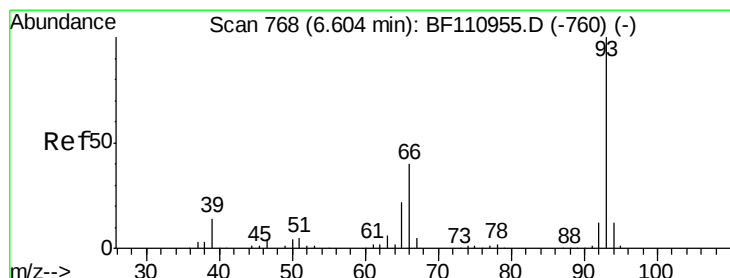
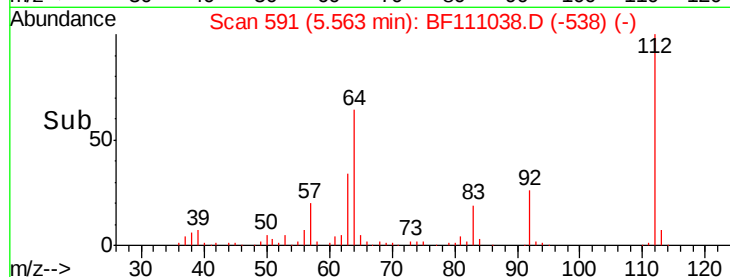
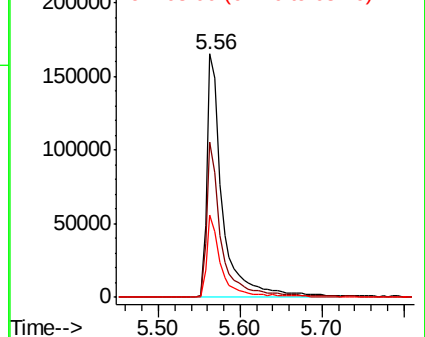
63 34.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.240 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

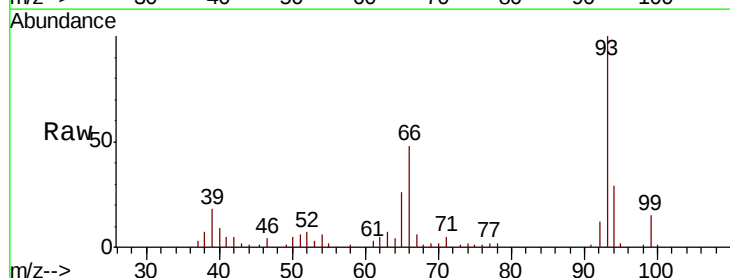
Tgt Ion: 93 Resp: 51105

Ion Ratio Lower Upper

93 100

66 48.2 67.4 101.0#

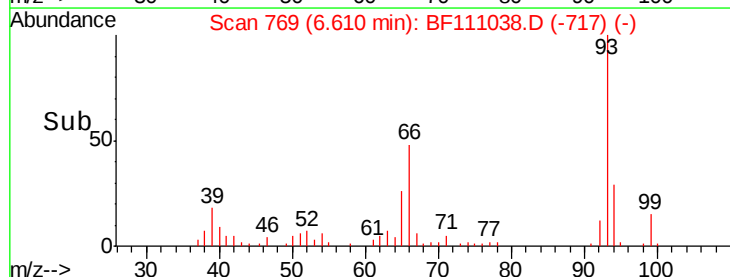
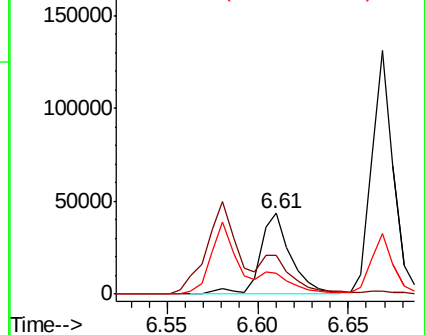
65 26.3 41.0 61.4#

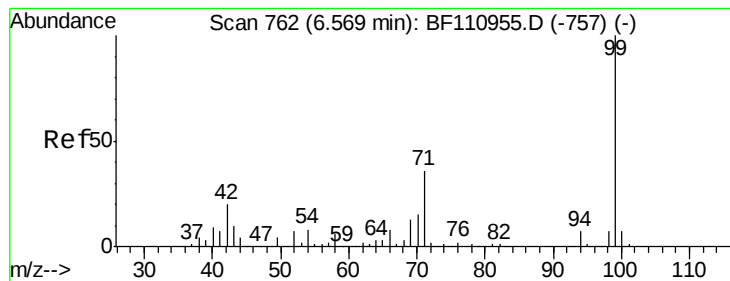


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.241 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111038.D

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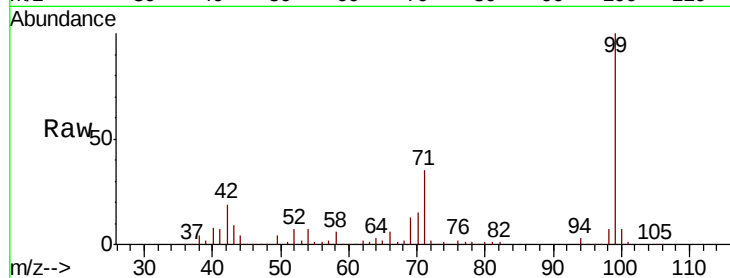
Tgt Ion: 99 Resp: 265693

Ion Ratio Lower Upper

99 100

42 19.3 15.8 23.6

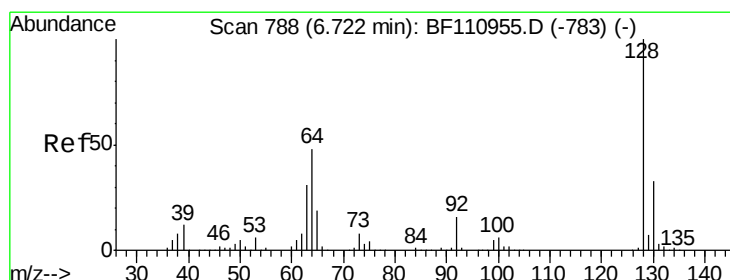
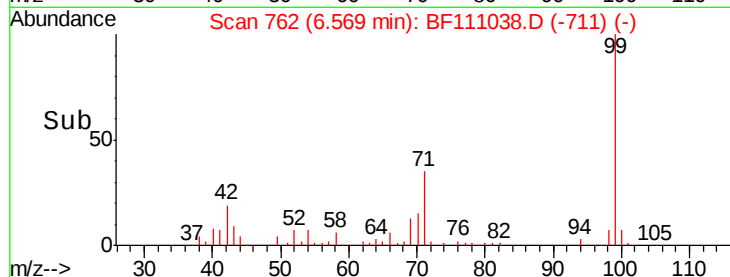
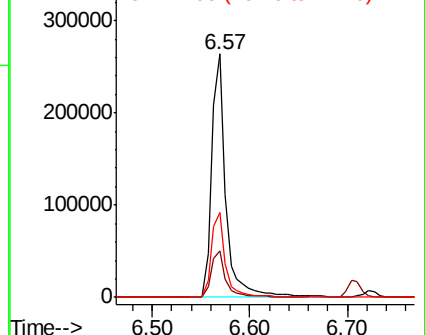
71 35.0 28.0 42.0



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: 35.589 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

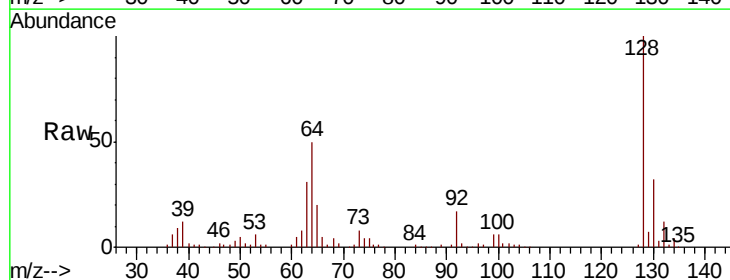
Tgt Ion: 128 Resp: 119034

Ion Ratio Lower Upper

128 100

130 31.9 13.1 53.1

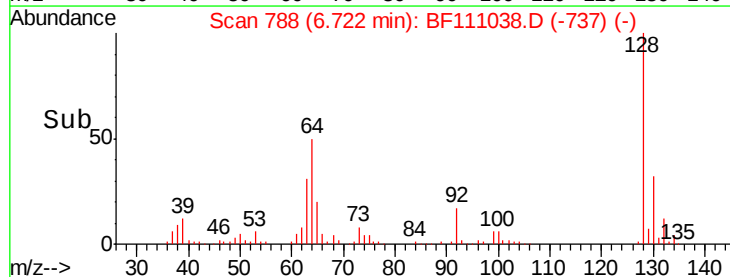
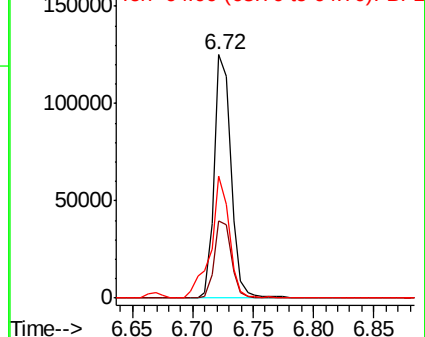
64 50.2 26.0 66.0

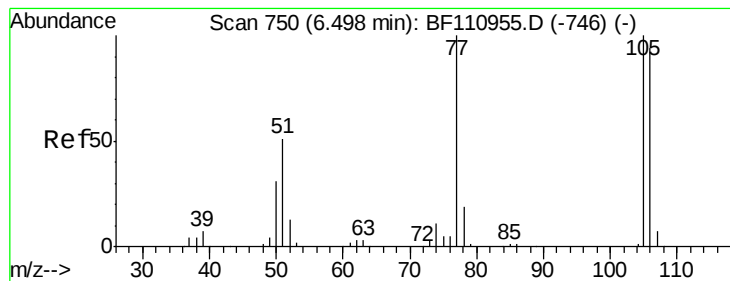


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.334 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

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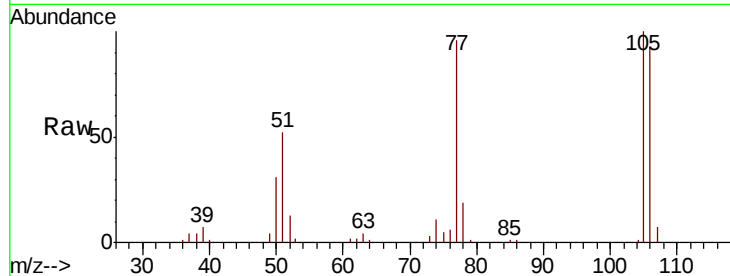
Tgt Ion: 77 Resp: 73163

Ion Ratio Lower Upper

77 100

105 103.8 78.6 118.6

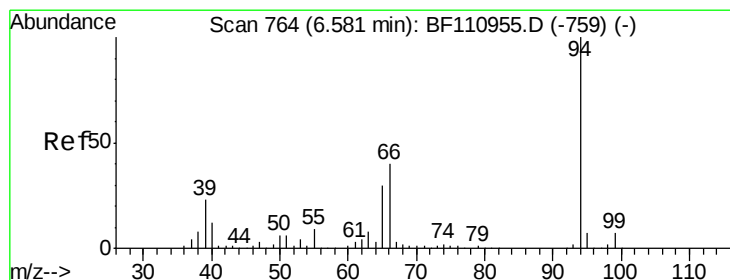
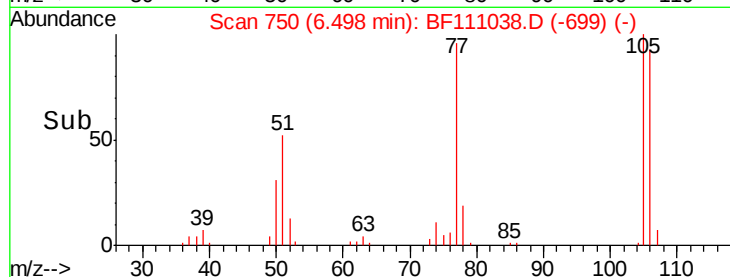
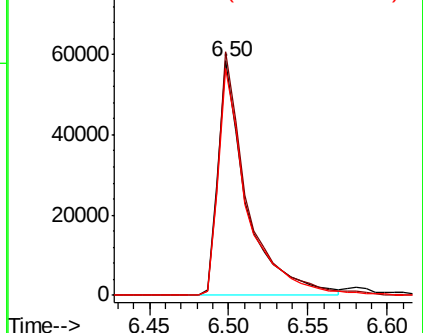
106 96.6 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.262 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

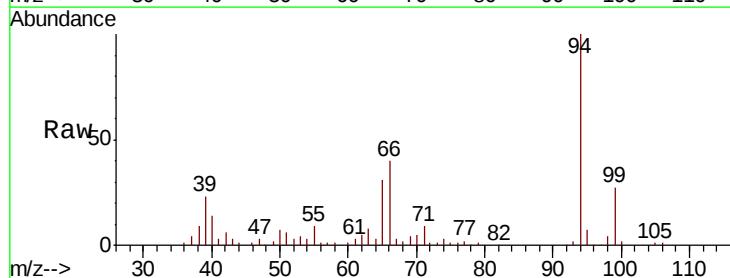
Tgt Ion: 94 Resp: 137769

Ion Ratio Lower Upper

94 100

65 31.0 25.3 65.3

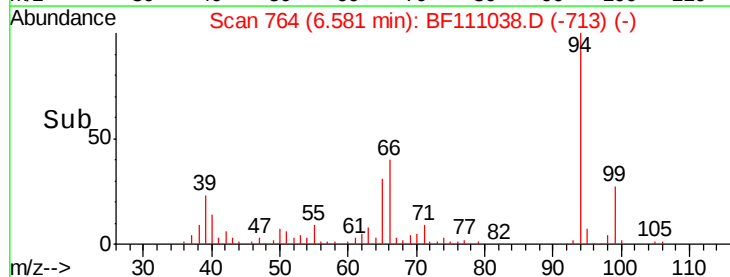
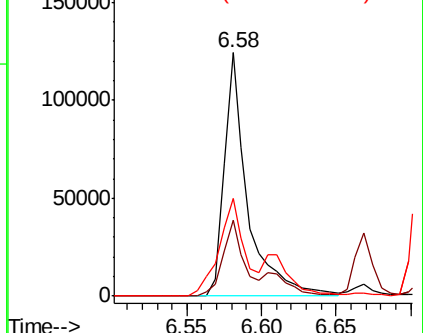
66 40.3 54.5 94.5#

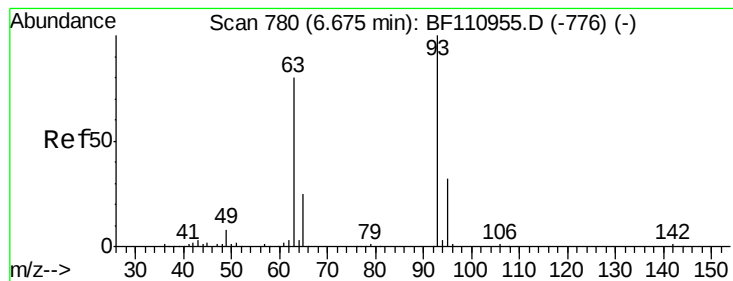


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

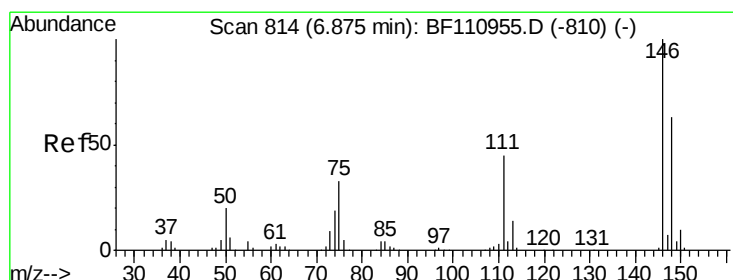
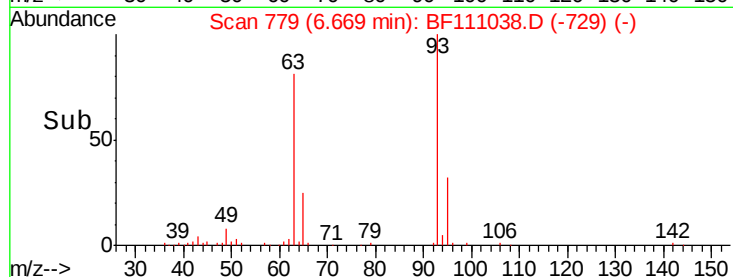
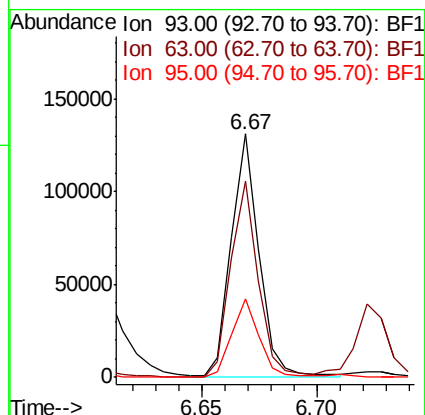
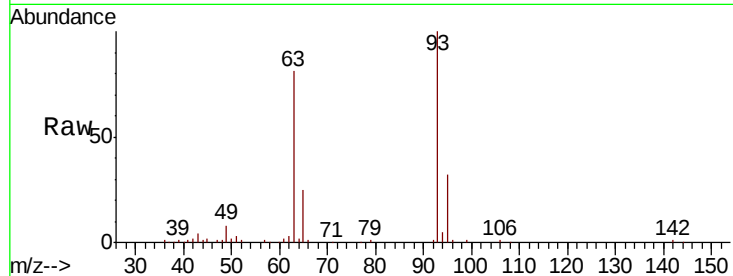




#11
bis(2-Chloroethyl)ether
Concen: 35.783 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

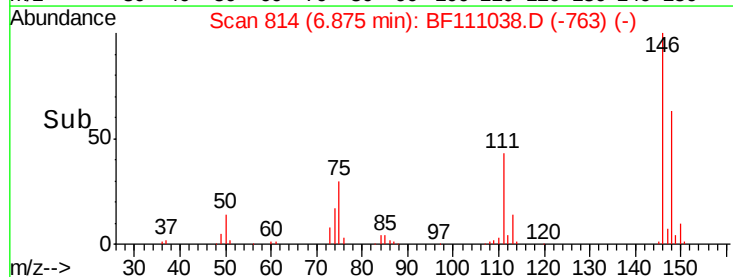
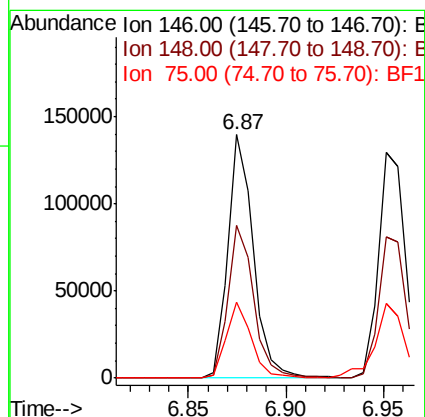
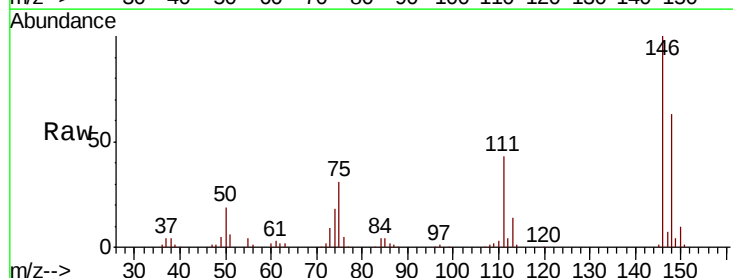
Instrument :
BNA_F
ClientSampleId :
PB115099BSD

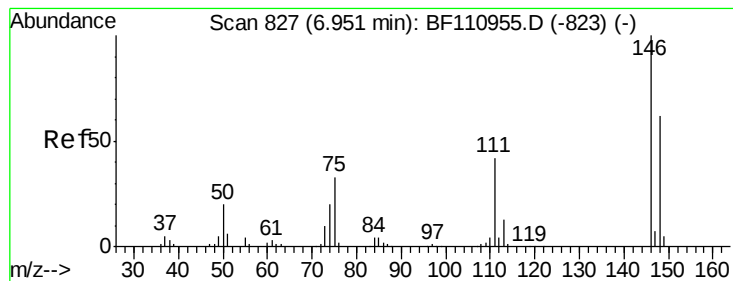
Tgt Ion: 93 Resp: 111660
Ion Ratio Lower Upper
93 100
63 80.7 53.4 93.4
95 32.3 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 34.616 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion: 146 Resp: 127196
Ion Ratio Lower Upper
146 100
148 62.8 50.4 75.6
75 31.0 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 34.891 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

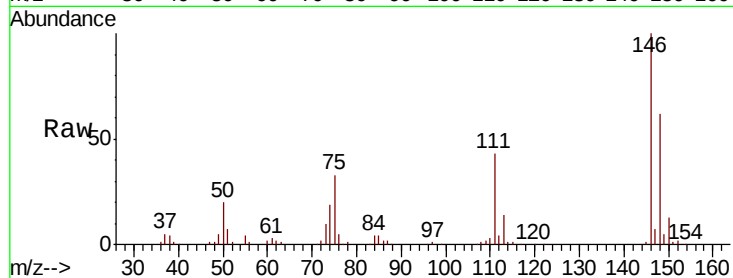
Tgt Ion:146 Resp: 131841

Ion Ratio Lower Upper

146 100

148 62.3 50.3 75.5

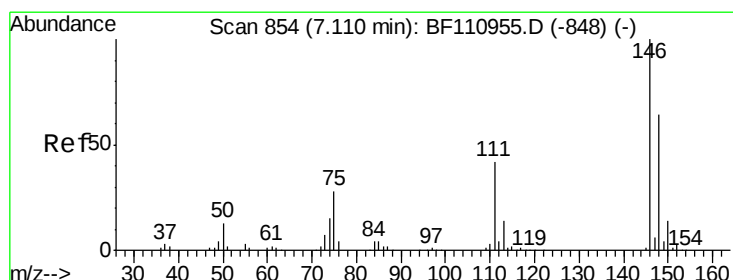
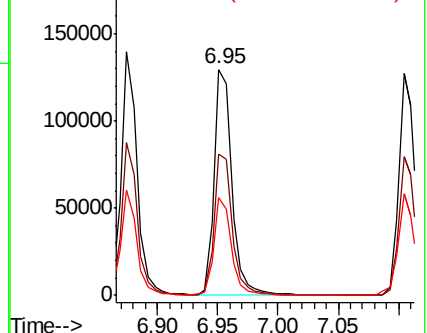
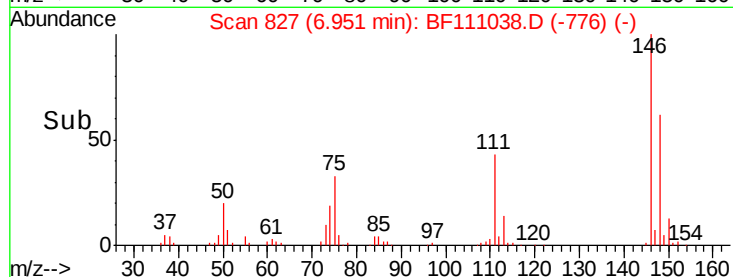
111 43.5 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.248 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

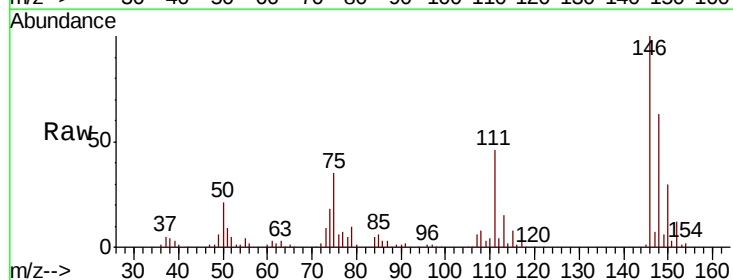
Tgt Ion:146 Resp: 121798

Ion Ratio Lower Upper

146 100

148 62.6 51.1 76.7

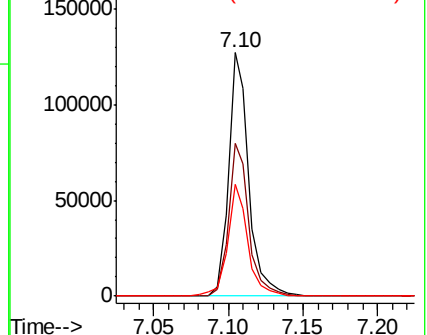
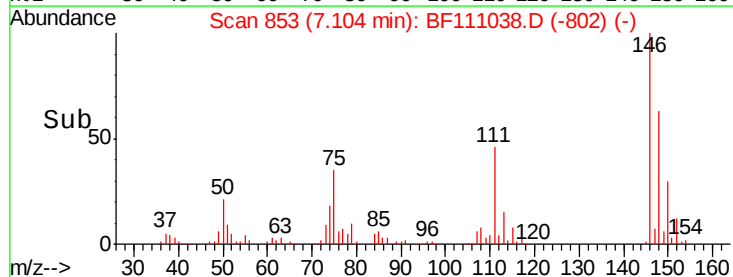
111 45.7 35.8 53.6

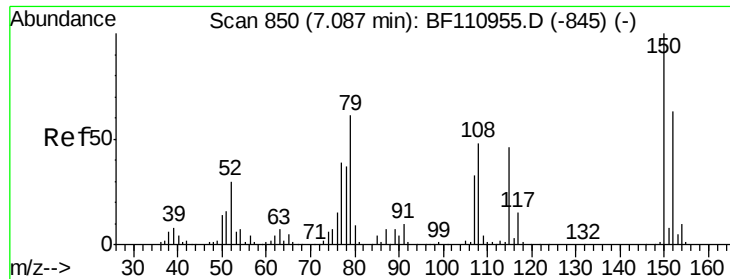


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.943 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

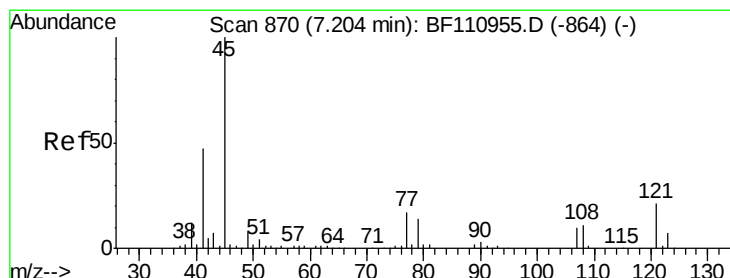
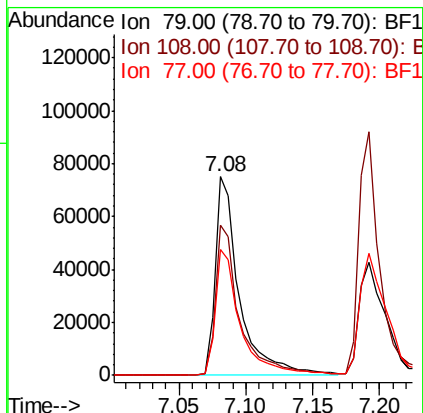
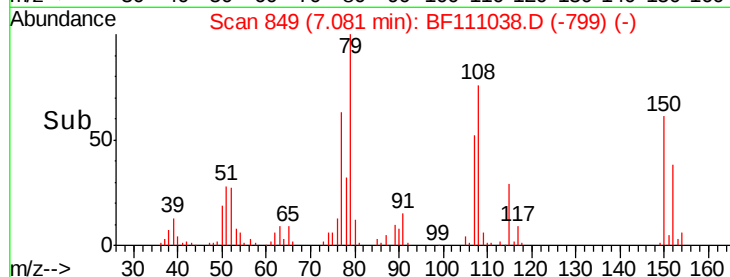
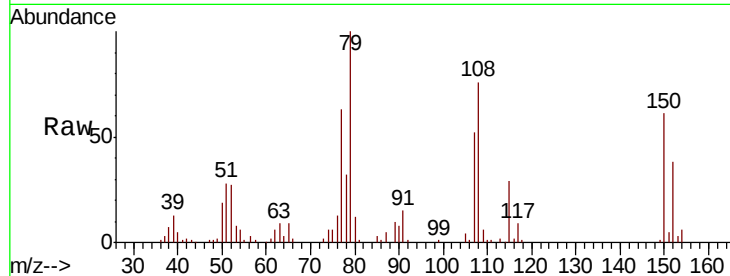
Tgt Ion: 79 Resp: 95939

Ion Ratio Lower Upper

79 100

108 75.7 56.3 84.5

77 63.4 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.363 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

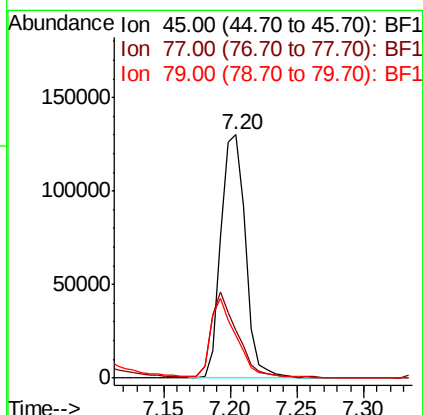
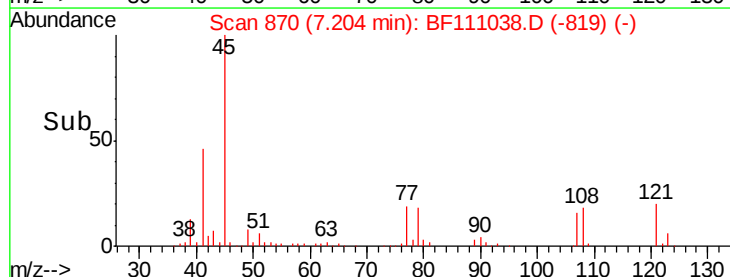
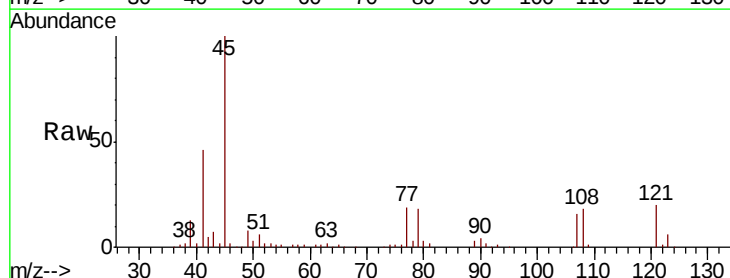
Tgt Ion: 45 Resp: 170651

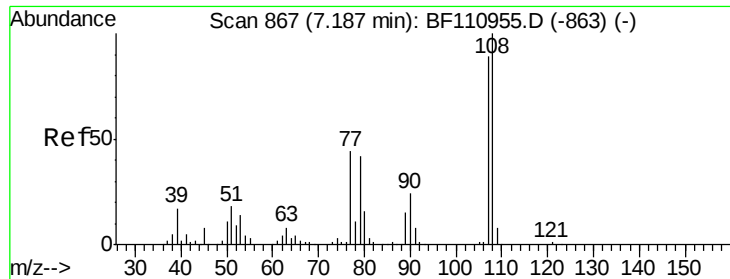
Ion Ratio Lower Upper

45 100

77 19.4 10.0 50.0

79 17.5 6.1 46.1

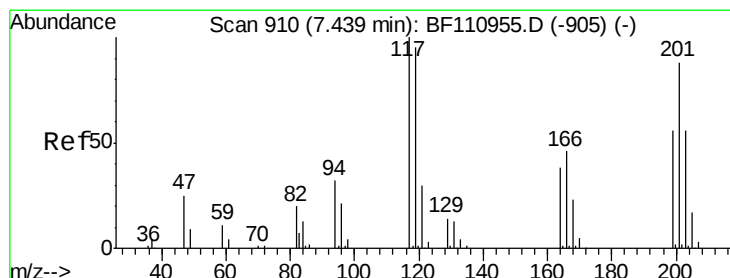
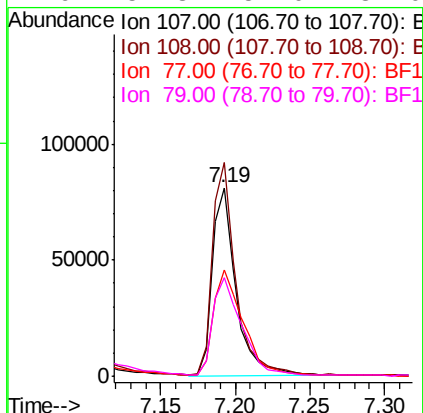
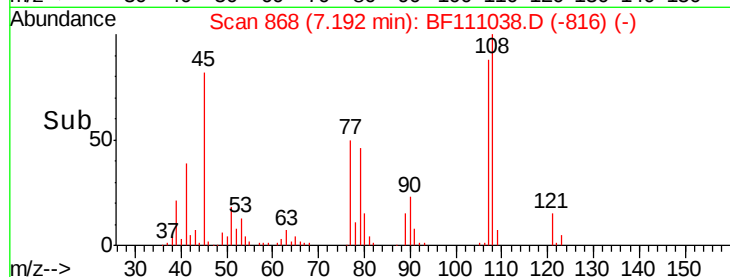
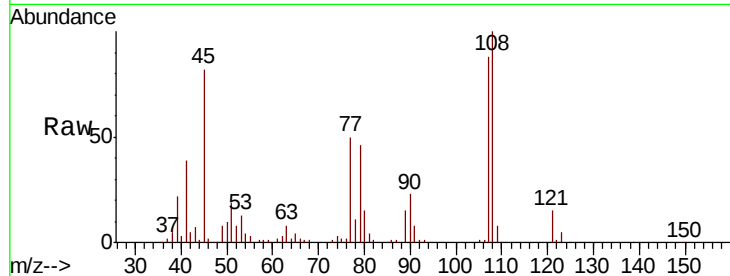




#17
2-Methylphenol
Concen: 33.474 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

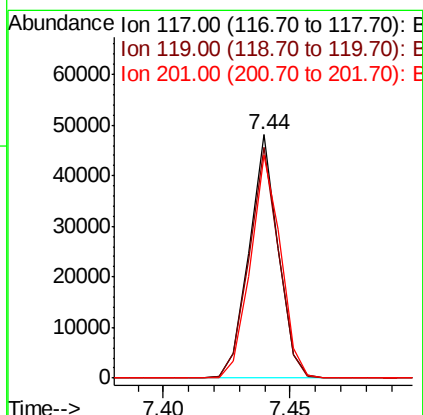
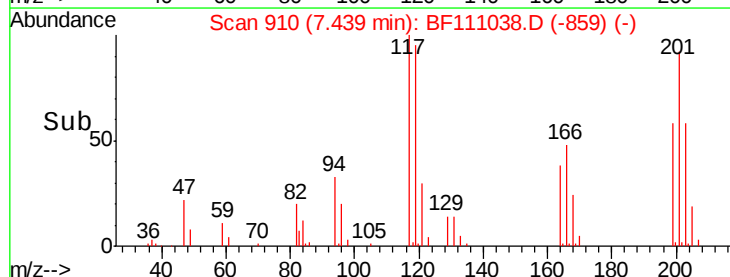
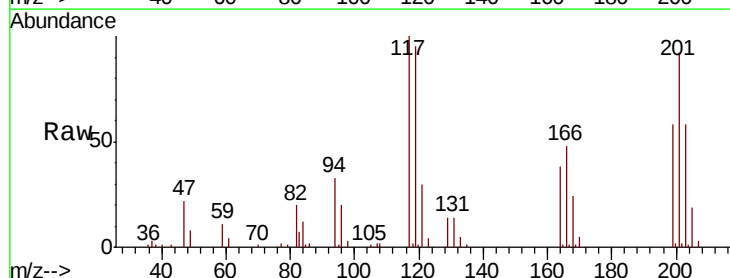
Instrument :
BNA_F
ClientSampleId :
PB115099BSD

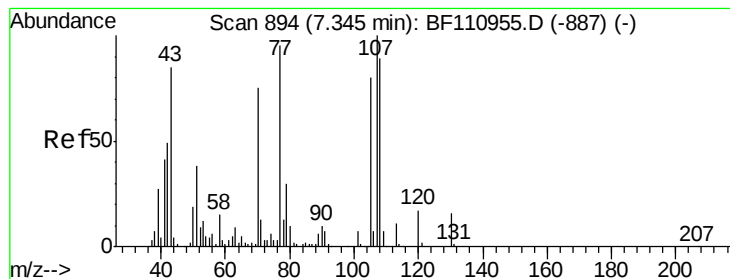
Tgt Ion:107 Resp: 89020
Ion Ratio Lower Upper
107 100
108 113.3 92.6 138.8
77 56.6 59.4 89.2#
79 52.3 54.0 81.0#



#18
Hexachloroethane
Concen: 27.633 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion:117 Resp: 38408
Ion Ratio Lower Upper
117 100
119 95.0 75.0 112.6
201 91.5 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 33.243 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

Tgt Ion: 70 Resp: 79642

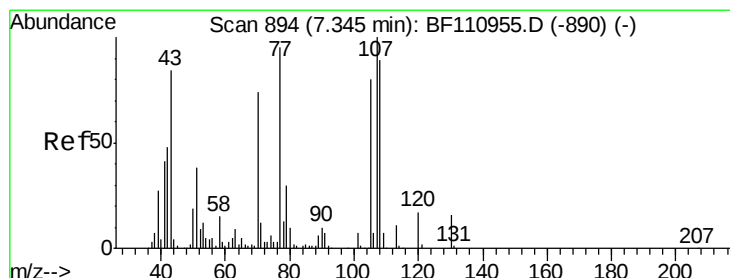
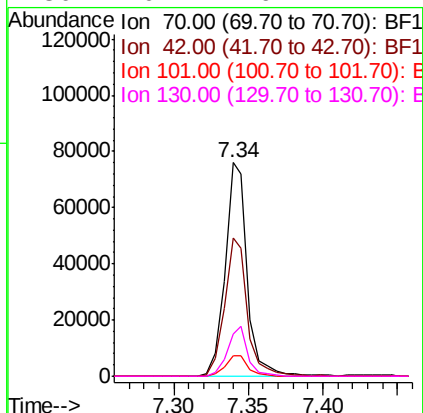
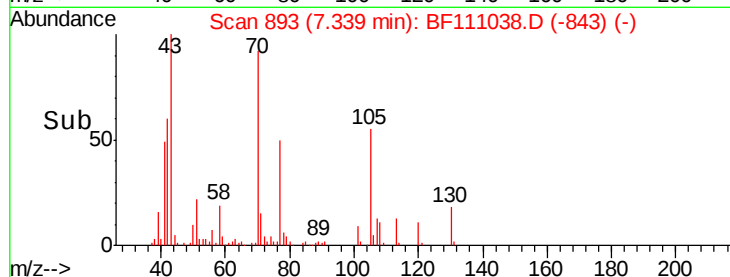
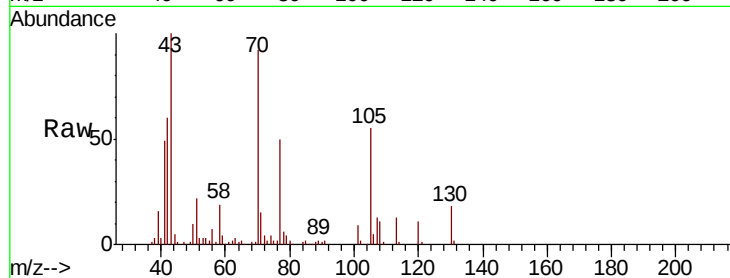
Ion Ratio Lower Upper

70 100

42 65.0 47.4 71.2

101 9.9 7.3 10.9

130 20.1 16.2 24.2



#20

3+4-Methylphenols

Concen: 33.668 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion: 107 Resp: 119021

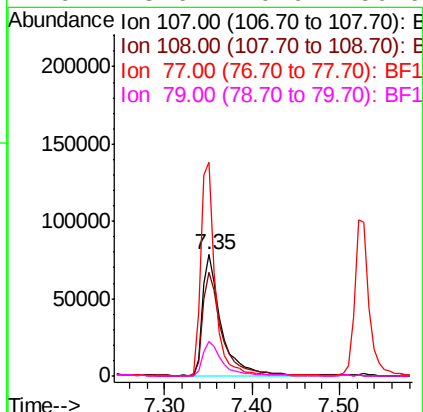
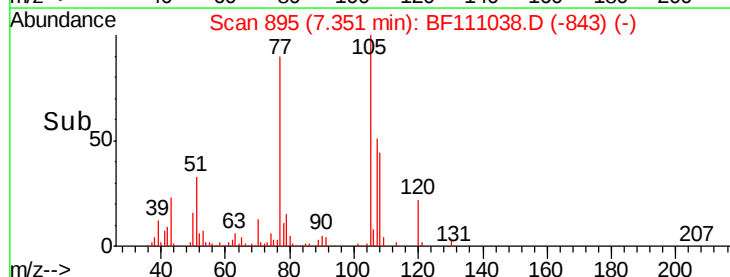
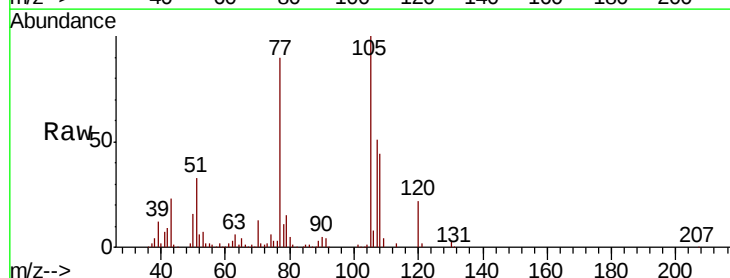
Ion Ratio Lower Upper

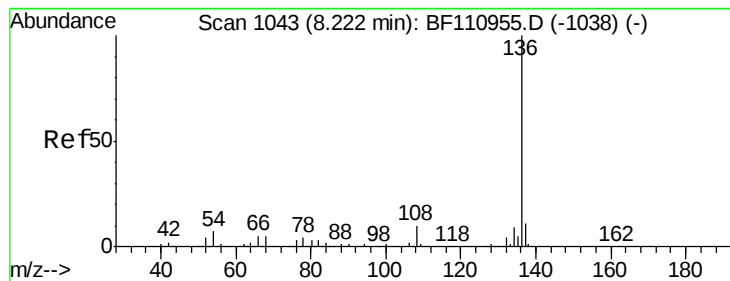
107 100

108 85.9 71.4 111.4

77 175.9 47.3 87.3#

79 28.6 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: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

Tgt Ion:136 Resp: 177655

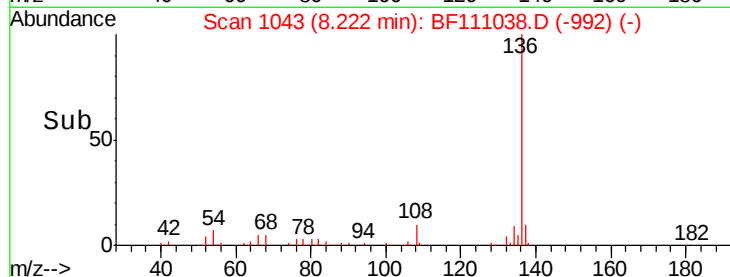
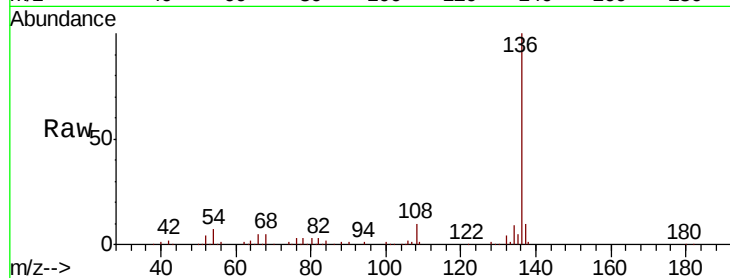
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 7.5 5.4 8.2

68 4.5 4.2 6.2

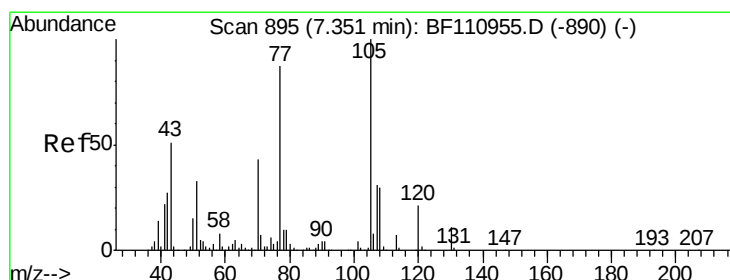
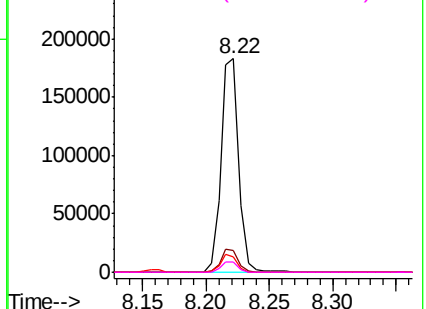


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.859 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:105 Resp: 161816

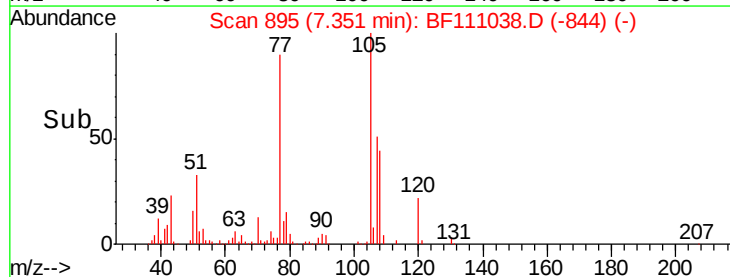
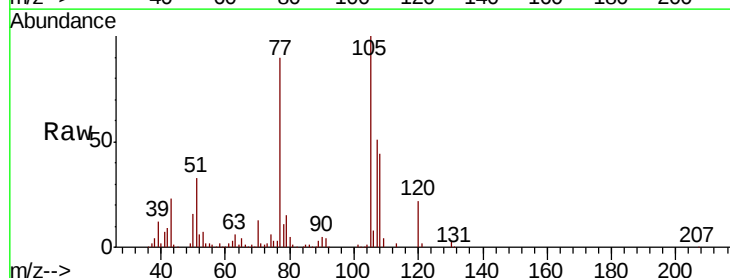
Ion Ratio Lower Upper

105 100

71 2.4 5.2 7.8#

51 33.3 21.8 32.8#

120 21.8 17.0 25.4

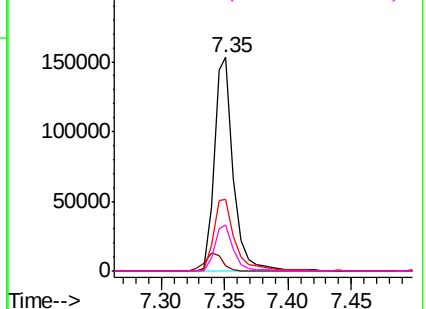


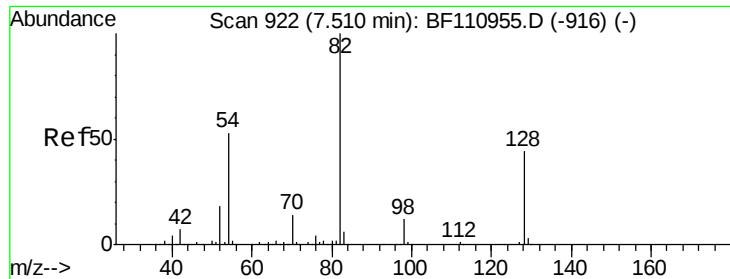
Abundance Ion 105.00 (104.70 to 105.70): E

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

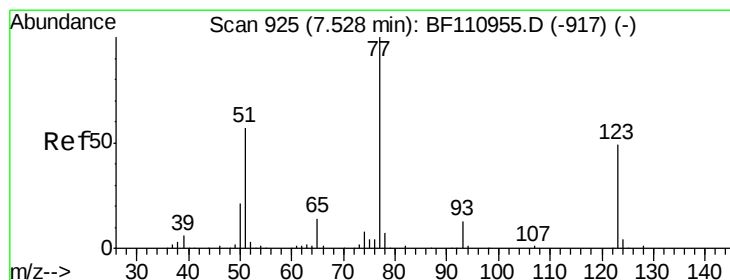
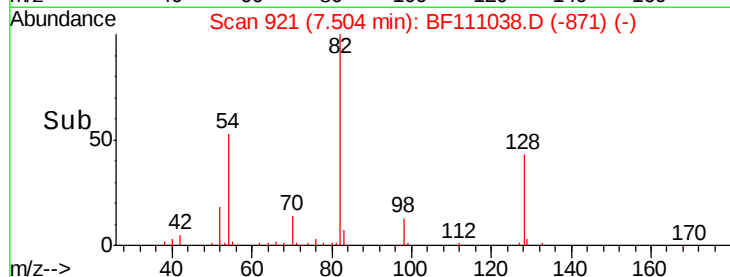
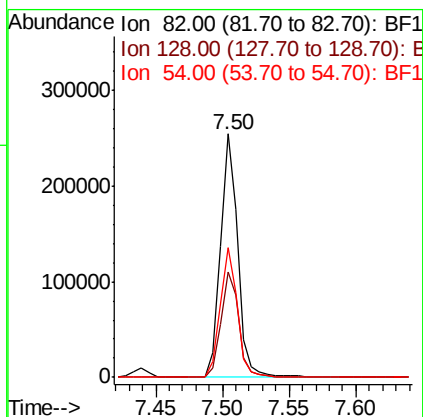
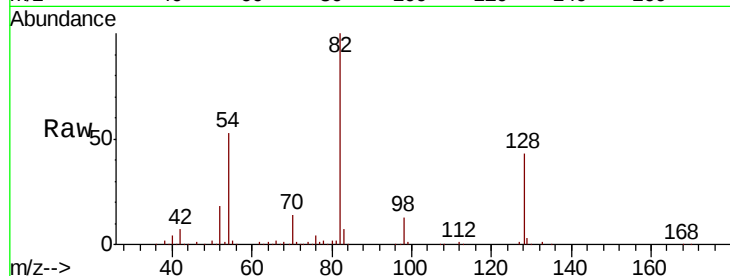




#23
 Nitrobenzene-d5
 Concen: 75.536 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

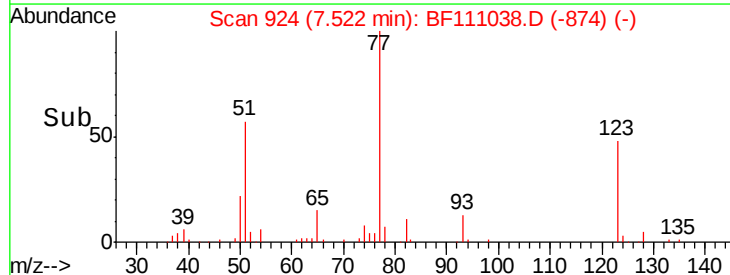
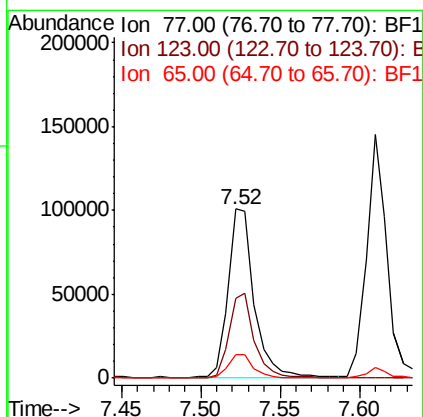
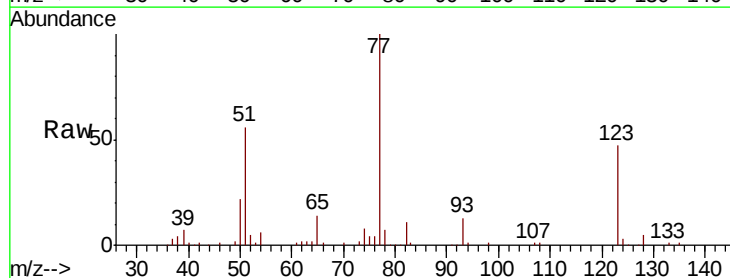
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

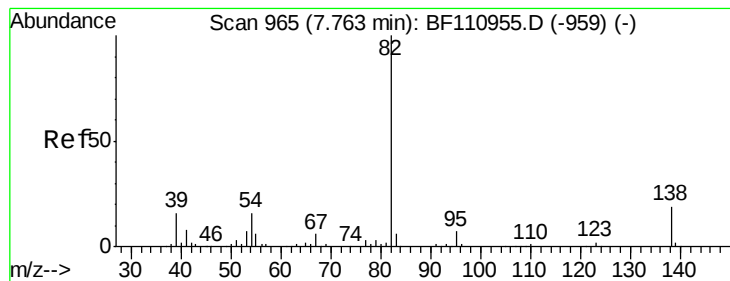
Tgt Ion: 82 Resp: 234478
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.2 51.2
 54 53.3 38.6 58.0



#24
 Nitrobenzene
 Concen: 35.551 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion: 77 Resp: 114762
 Ion Ratio Lower Upper
 77 100
 123 47.2 35.7 53.5
 65 14.2 10.7 16.1





#25

Isophorone

Concen: 40.107 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

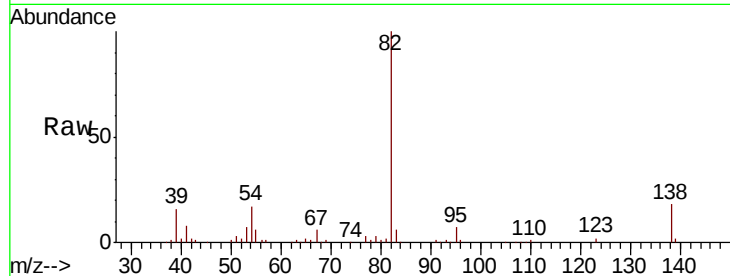
Tgt Ion: 82 Resp: 204224

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

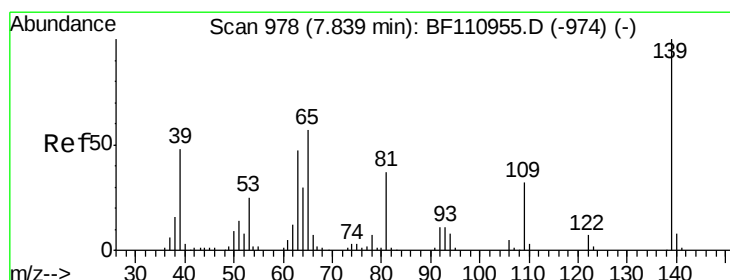
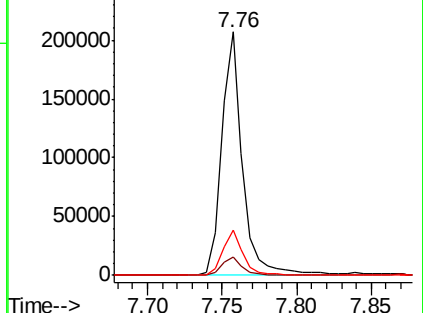
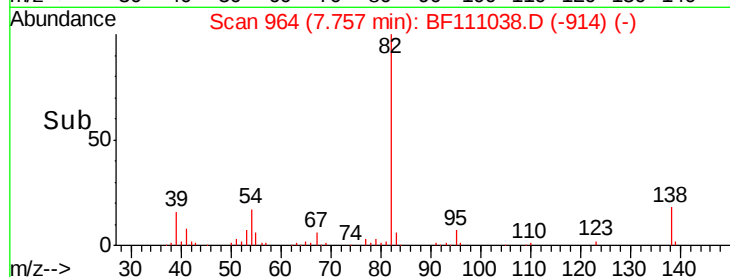
138 18.4 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 30.191 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

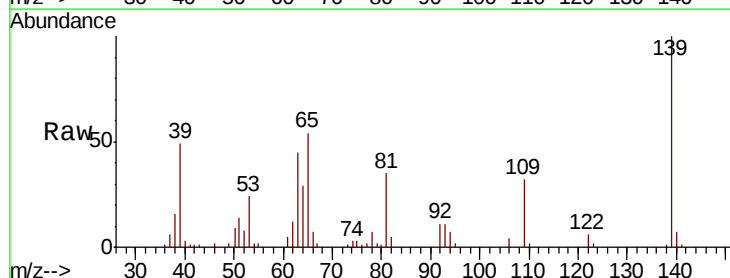
Tgt Ion: 139 Resp: 47349

Ion Ratio Lower Upper

139 100

109 31.6 25.0 37.6

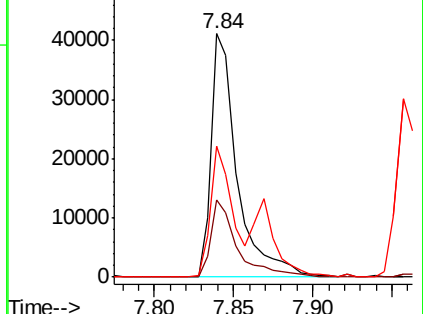
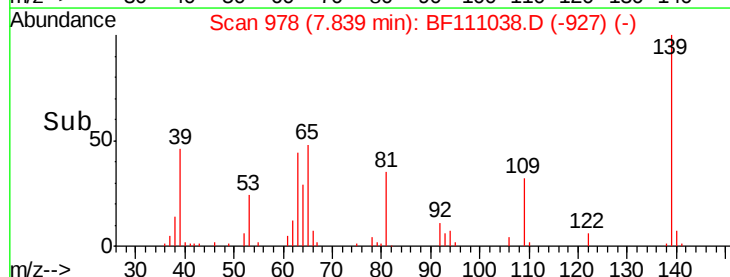
65 53.6 44.0 66.0

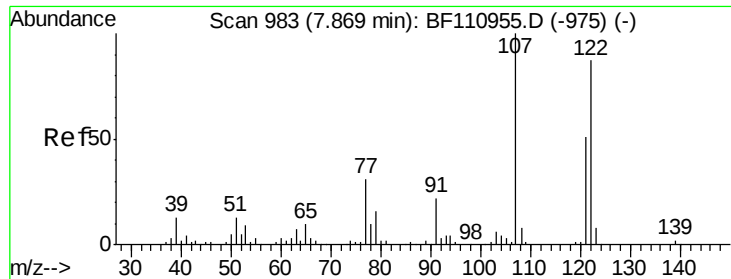


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

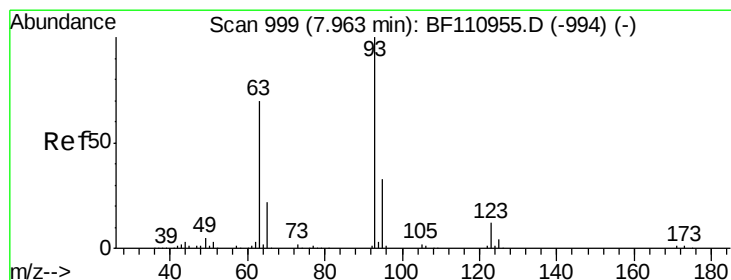
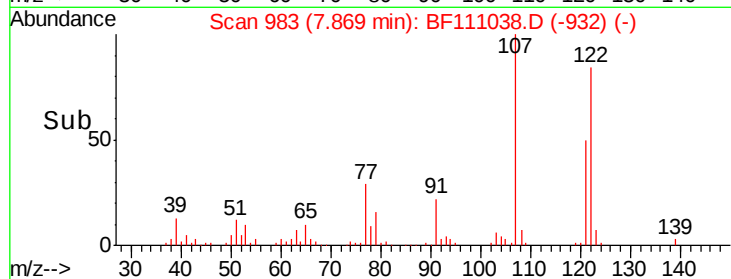
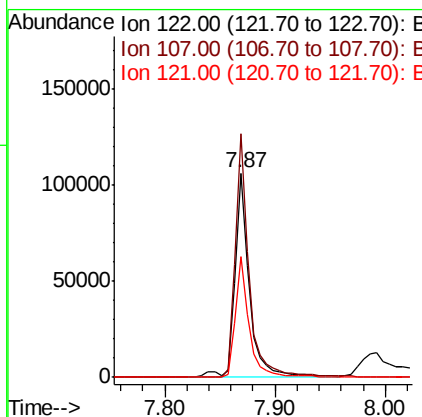
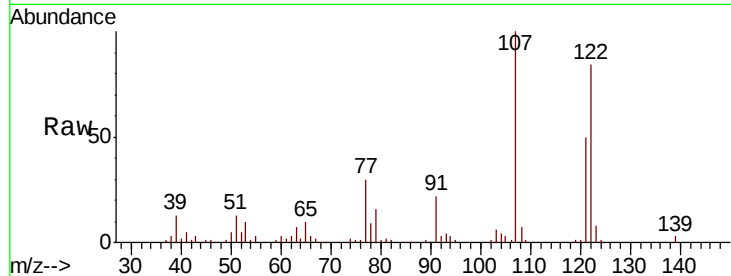




#27
 2,4-Dimethylphenol
 Concen: 41.279 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

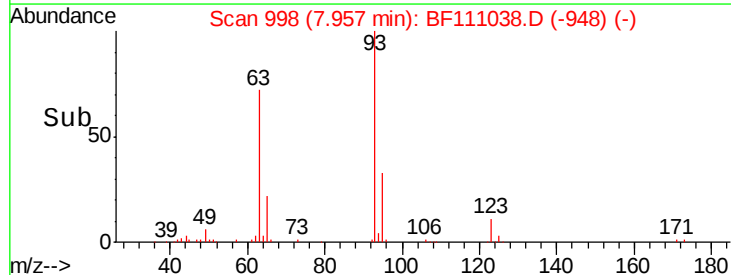
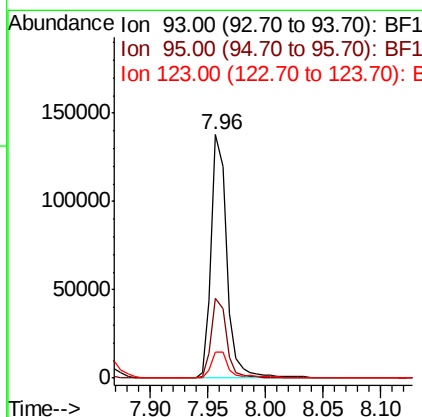
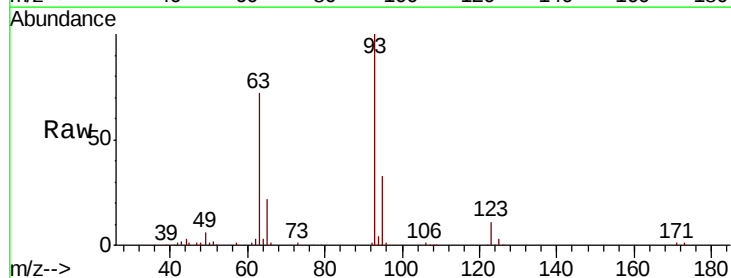
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

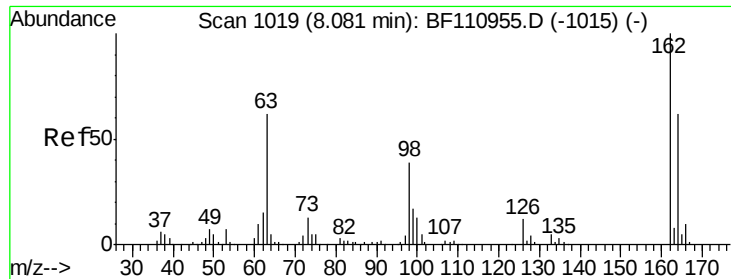
Tgt Ion:122 Resp: 97766
 Ion Ratio Lower Upper
 122 100
 107 119.3 92.5 138.7
 121 59.3 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.531 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion: 93 Resp: 131441
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.4 39.6
 123 10.7 9.0 13.6

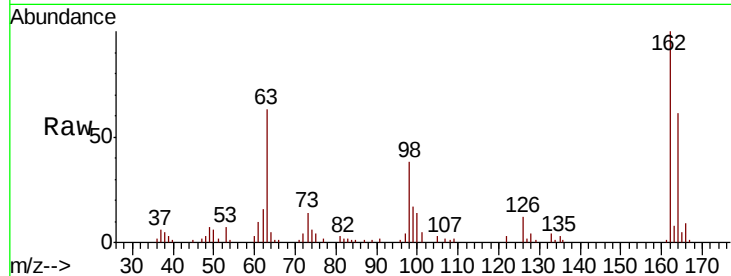




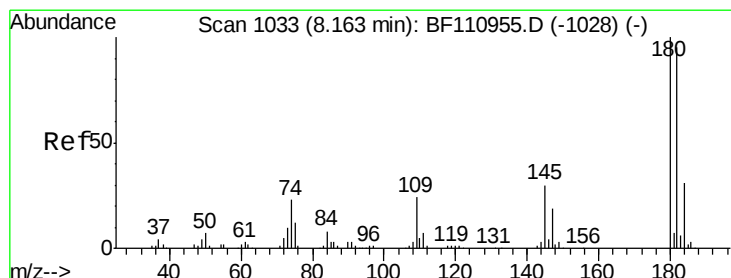
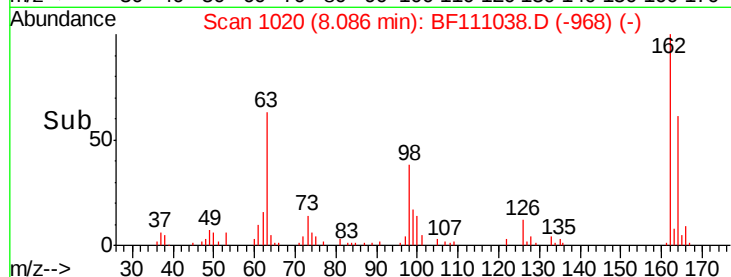
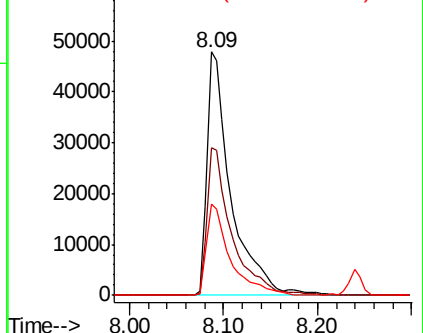
#29
 2,4-Dichlorophenol
 Concen: 34.478 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tgt Ion:162 Resp: 85449
 Ion Ratio Lower Upper
 162 100
 164 60.8 44.6 84.6
 98 37.6 17.4 57.4

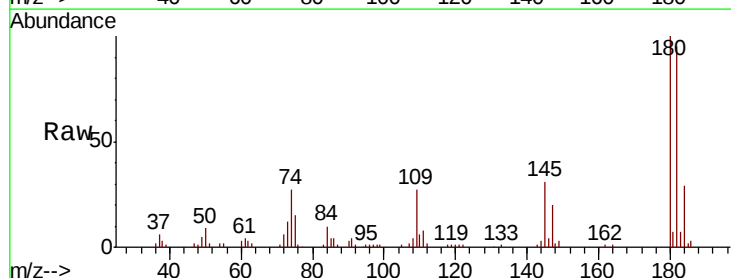


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

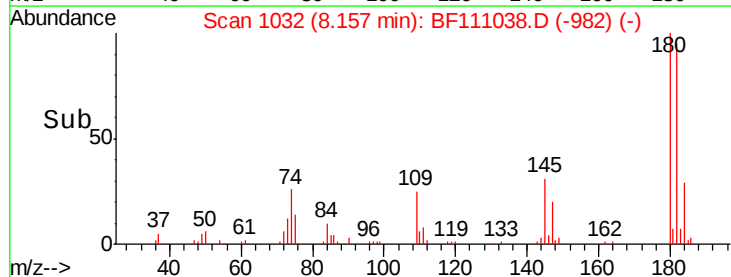
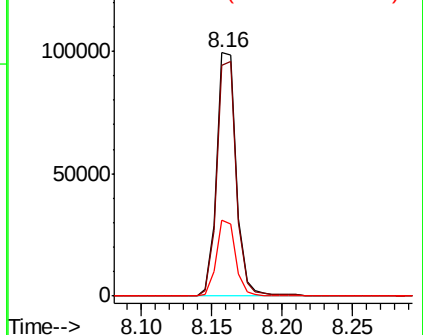


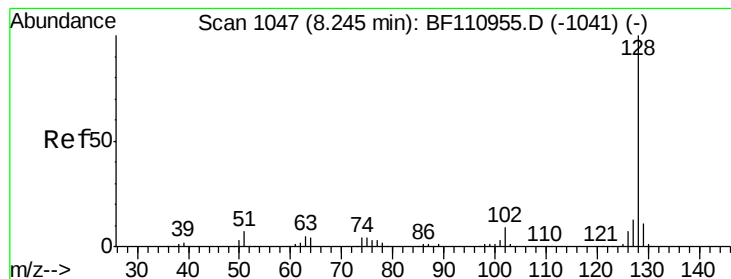
#30
 1,2,4-Trichlorobenzene
 Concen: 34.700 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion:180 Resp: 96380
 Ion Ratio Lower Upper
 180 100
 182 94.7 80.3 120.5
 145 31.0 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: 37.204 ng

RT: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

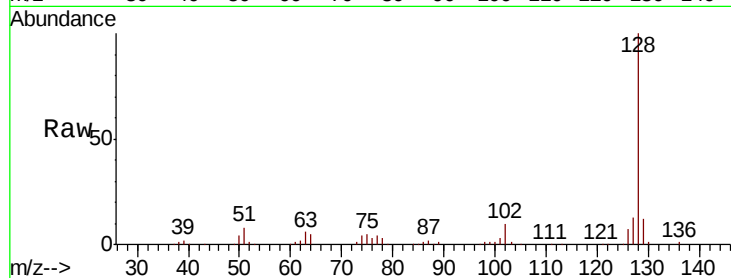
Tgt Ion:128 Resp: 309825

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

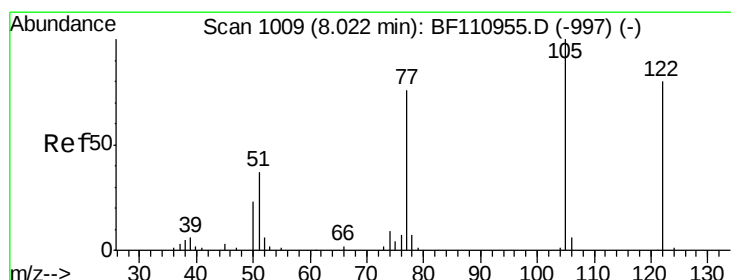
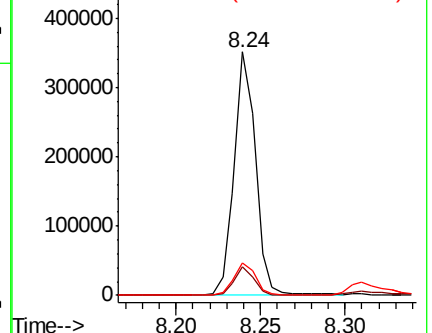
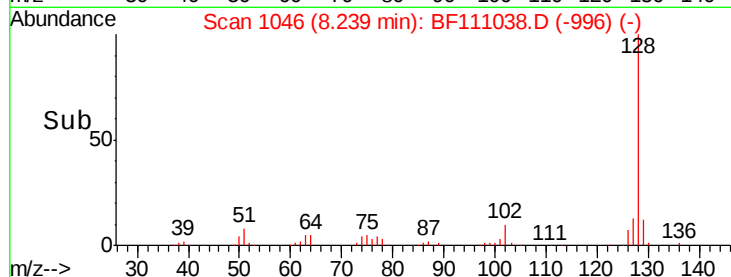
127 13.4 10.8 16.2



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: 18.503 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

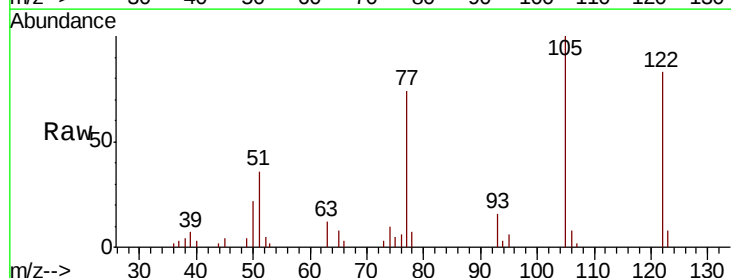
Tgt Ion:122 Resp: 32582

Ion Ratio Lower Upper

122 100

105 120.9 109.0 149.0

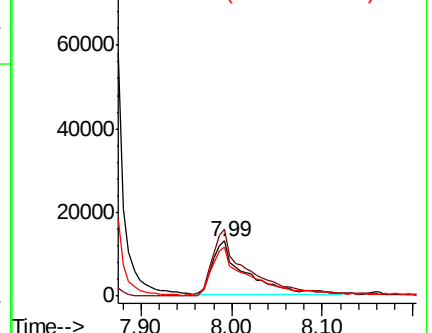
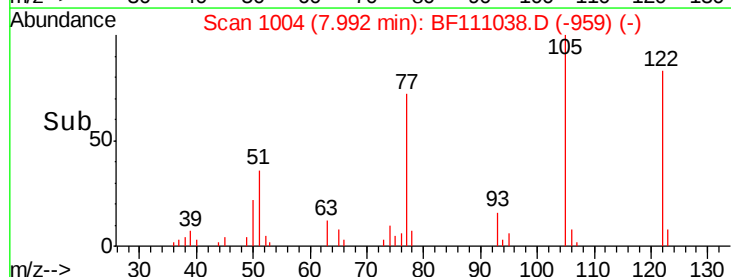
77 89.9 79.0 119.0

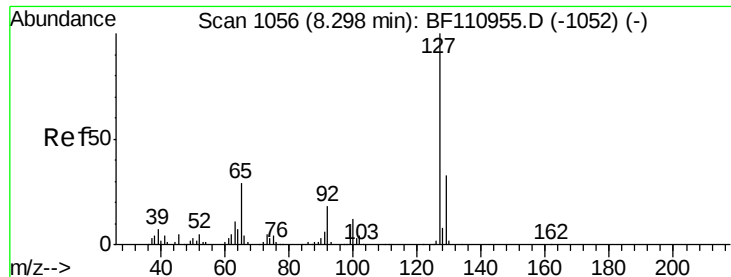


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

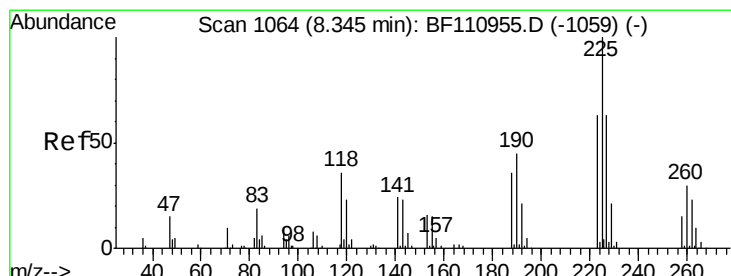
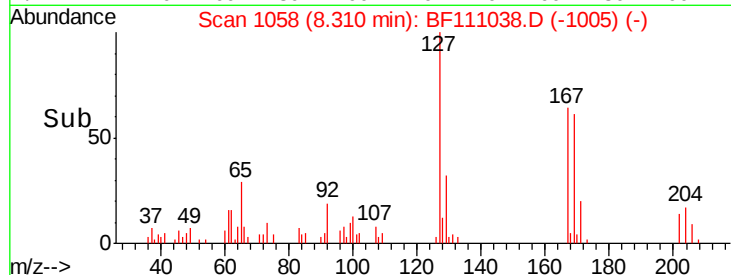
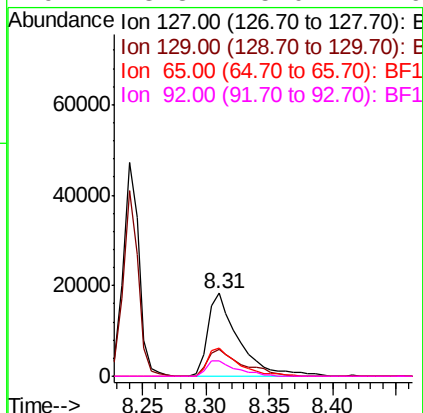
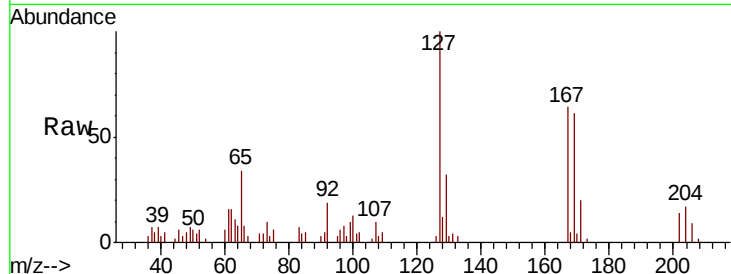




#33
 4-Chloroaniline
 Concen: 8.696 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. 0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

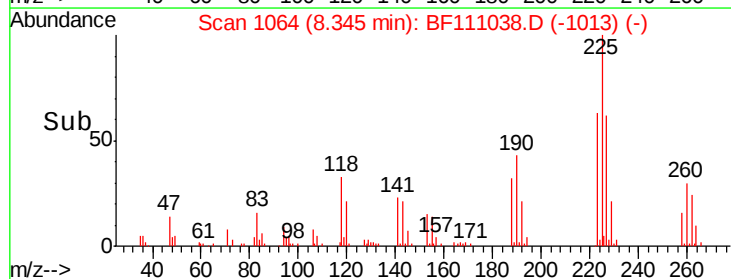
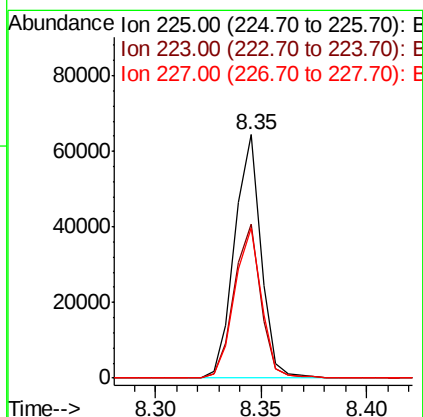
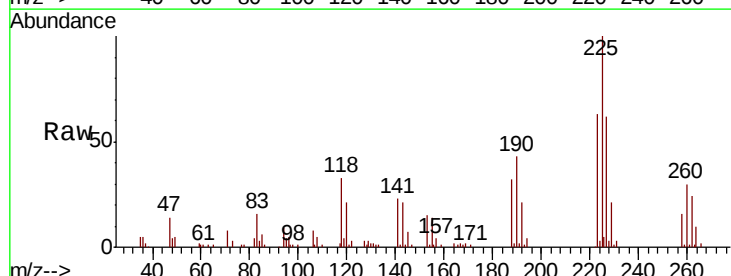
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

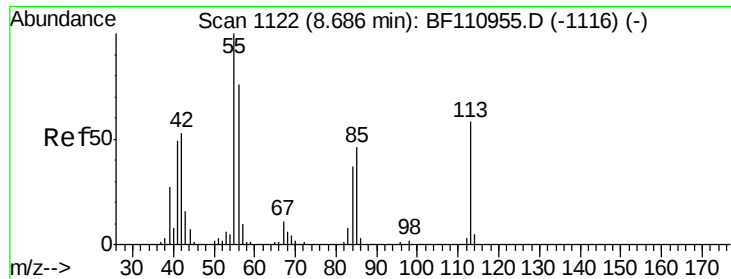
Tgt Ion:	127	Resp:	30822
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.0	39.0
65	33.9	25.1	37.7
92	18.8	15.0	22.6



#34
 Hexachlorobutadiene
 Concen: 35.185 ng
 RT: 8.35 min Scan# 1064
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion:	225	Resp:	55661
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	61.8	51.0	76.6

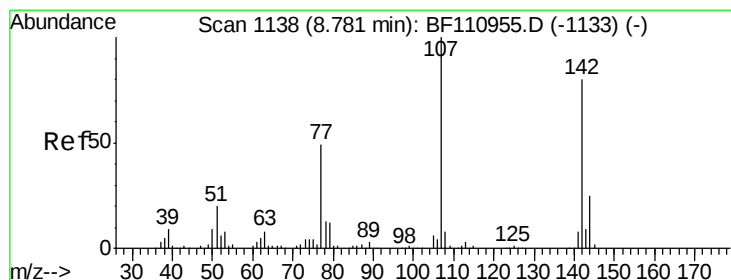
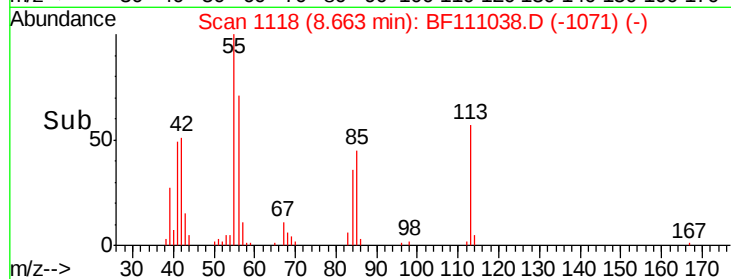
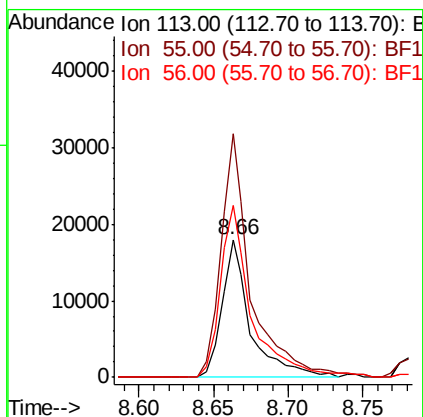
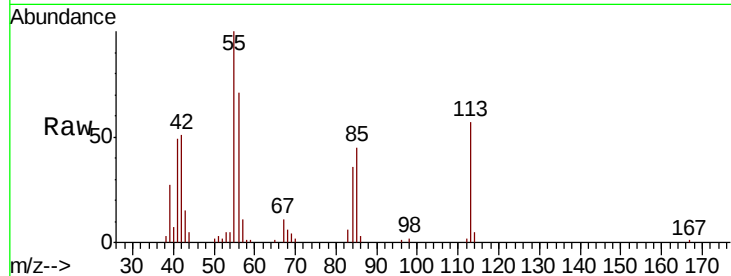




#35
 Caprolactam
 Concen: 28.347 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

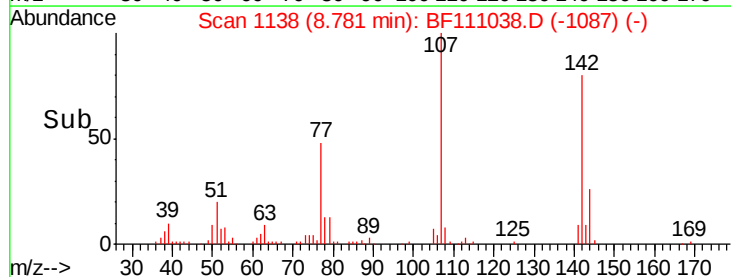
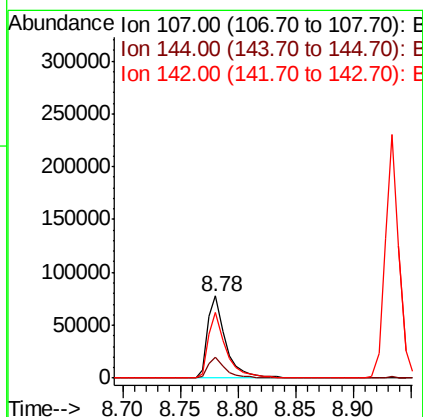
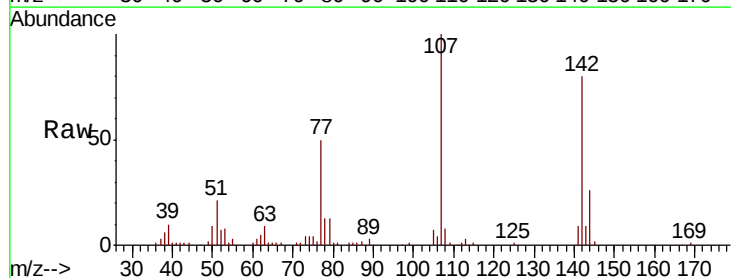
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

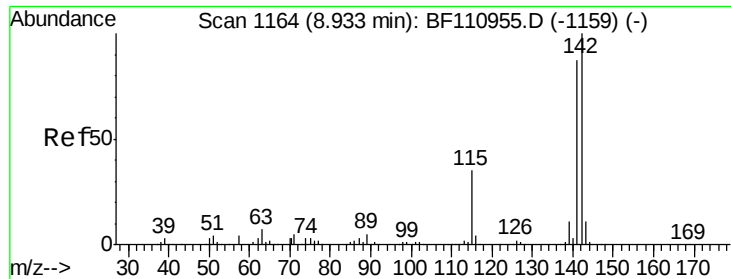
Tgt Ion:113 Resp: 23985
 Ion Ratio Lower Upper
 113 100
 55 176.8 142.8 182.8
 56 124.7 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 31.208 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion:107 Resp: 85938
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.0 30.0
 142 80.4 59.7 89.5

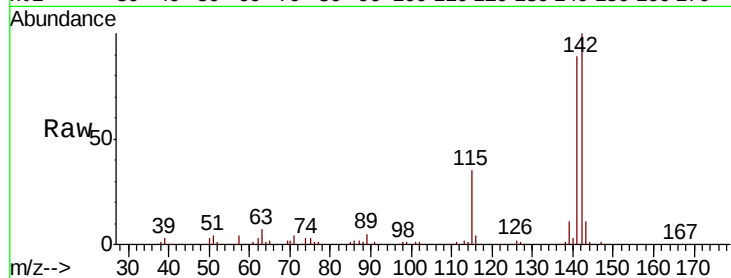




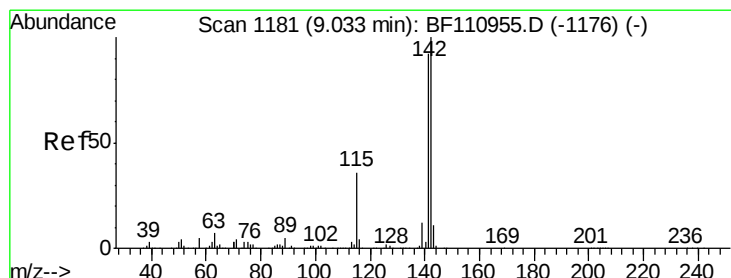
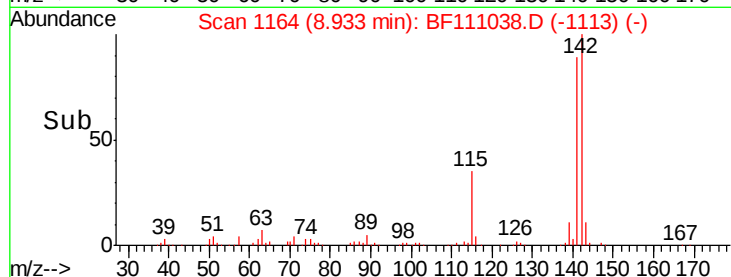
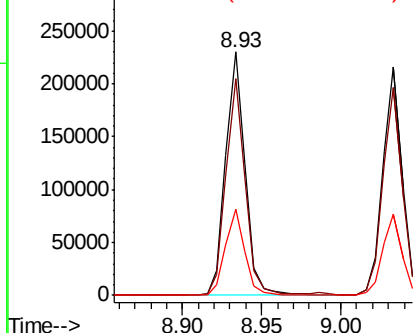
#37
2-Methylnaphthalene
Concen: 35.792 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tgt Ion:142 Resp: 196877
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 35.5 28.7 43.1

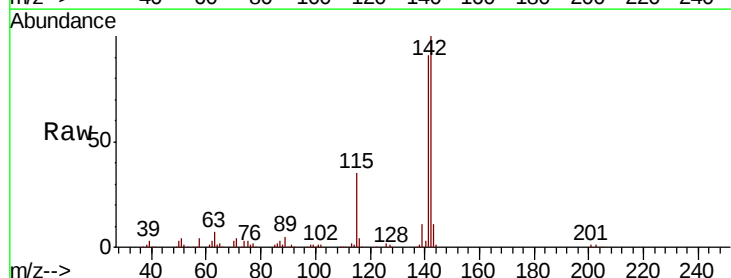


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

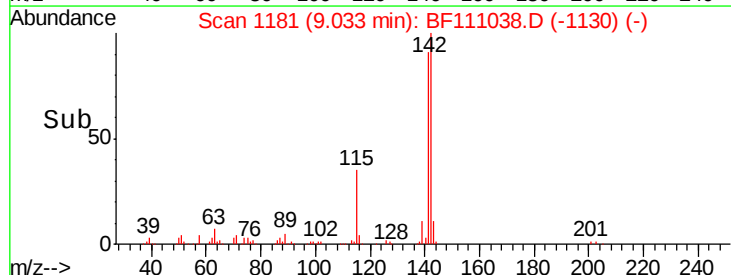
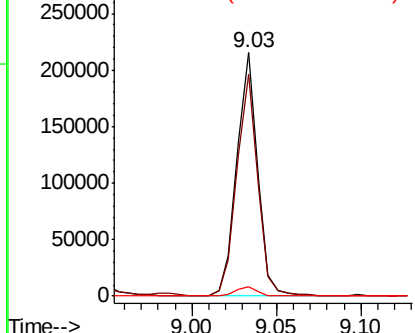


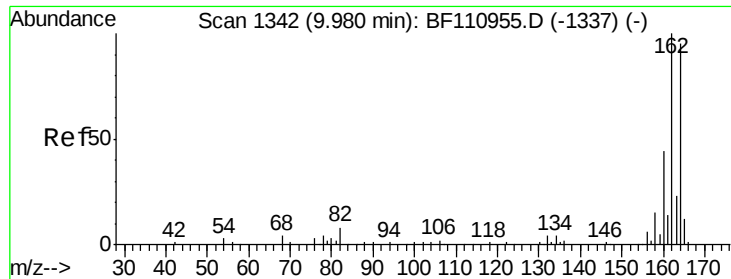
#38
1-Methylnaphthalene
Concen: 34.136 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion:142 Resp: 182636
Ion Ratio Lower Upper
142 100
141 91.1 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: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

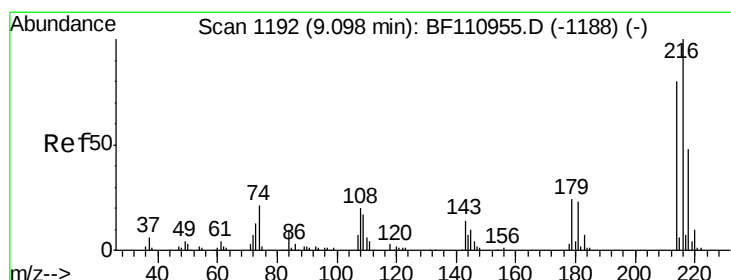
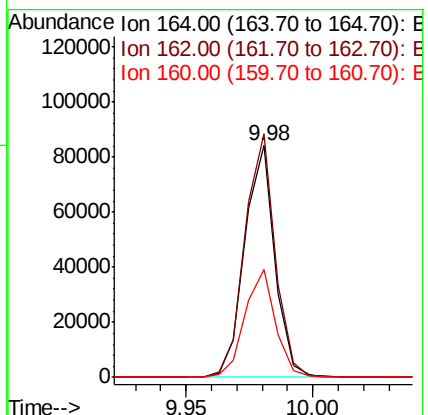
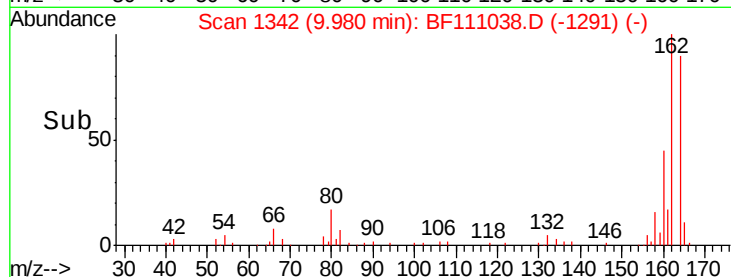
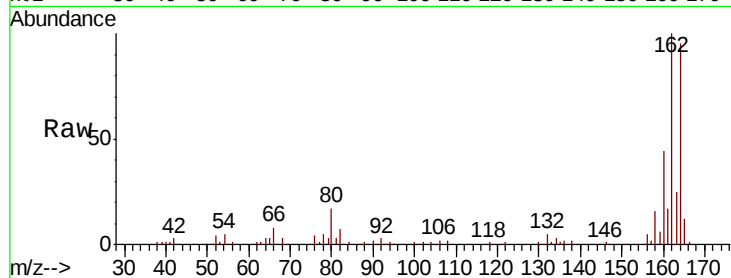
Tgt Ion:164 Resp: 69335

Ion Ratio Lower Upper

164 100

162 105.0 83.0 124.6

160 46.7 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.178 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:216 Resp: 81090

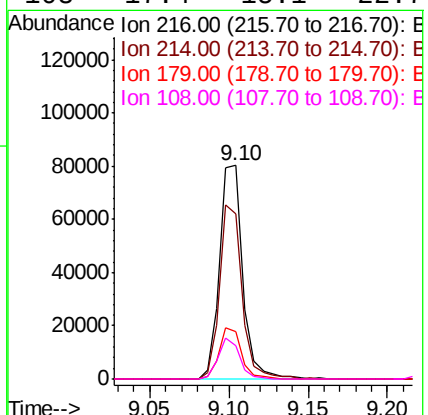
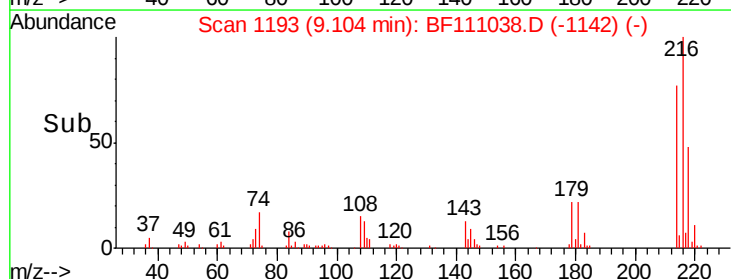
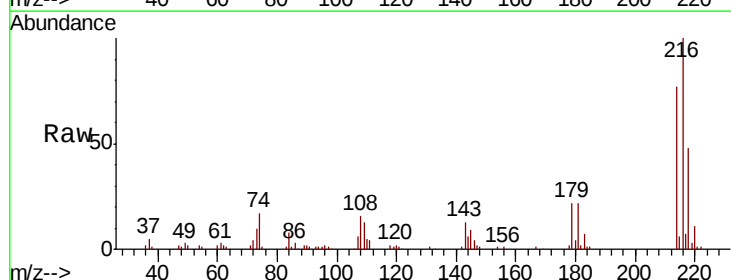
Ion Ratio Lower Upper

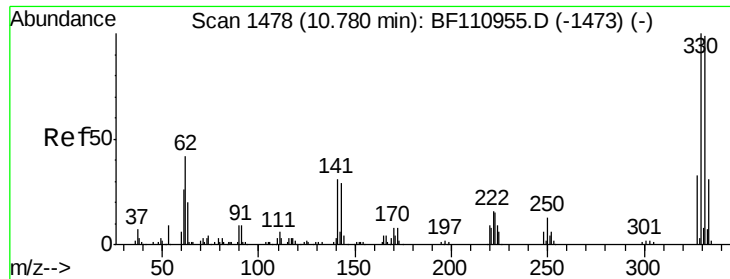
216 100

214 78.5 63.8 95.6

179 22.8 16.6 25.0

108 17.4 15.1 22.7

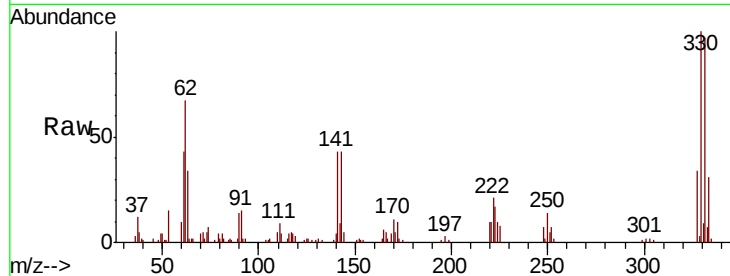




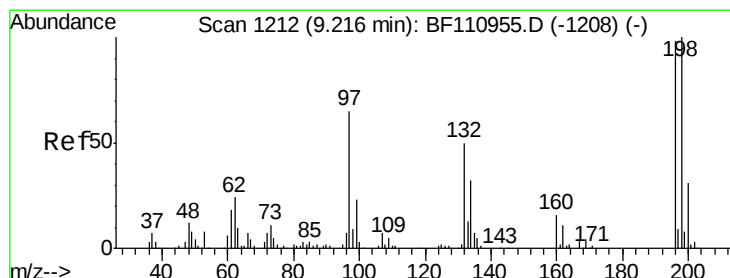
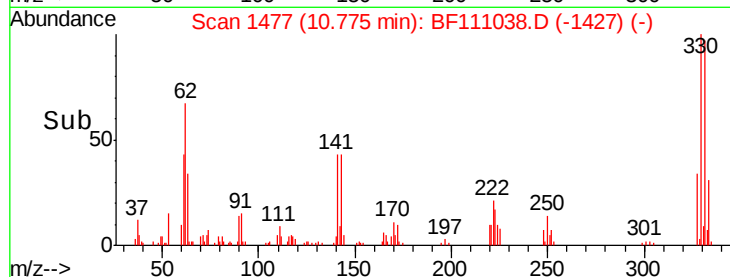
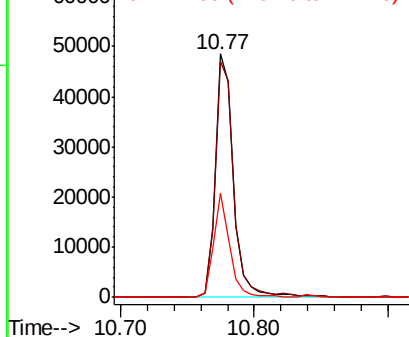
#42
 2,4,6-Tribromophenol
 Concen: 67.693 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tgt Ion:330 Resp: 46613
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.1 115.7
 141 38.2 27.0 40.4

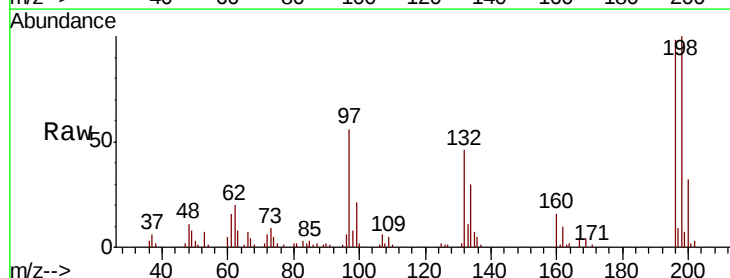


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

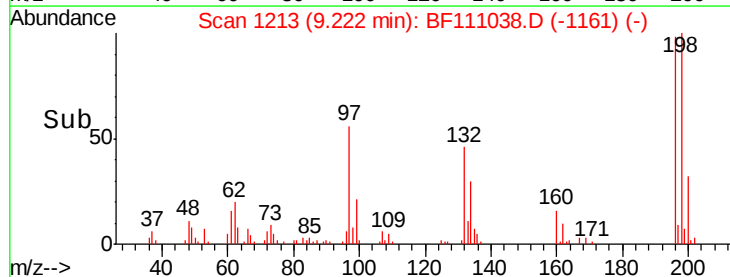
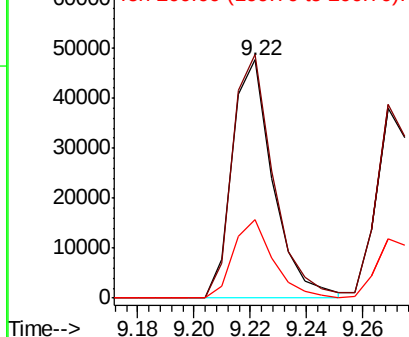


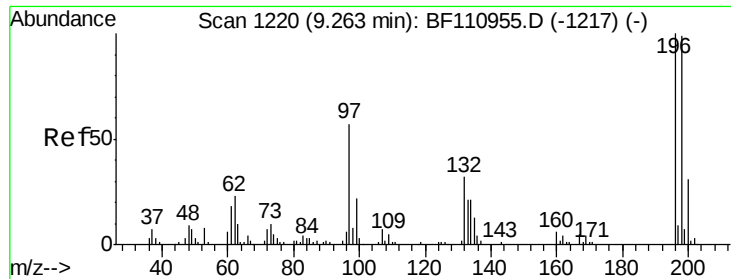
#43
 2,4,6-Trichlorophenol
 Concen: 36.810 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion:196 Resp: 47950
 Ion Ratio Lower Upper
 196 100
 198 102.1 76.2 114.4
 200 32.7 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

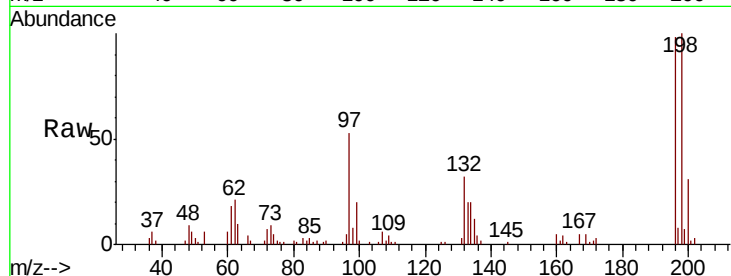




#44
 2,4,5-Trichlorophenol
 Concen: 37.103 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.5	75.8	113.6
97	54.4	42.4	63.6
132	32.9	22.8	34.2



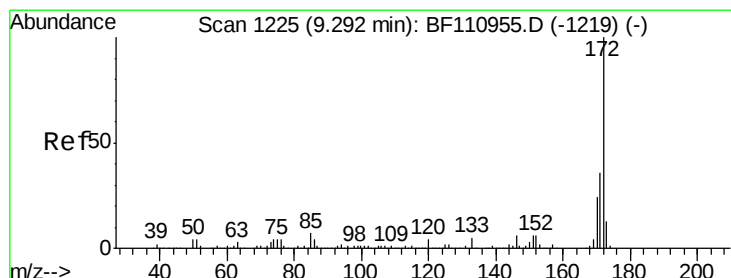
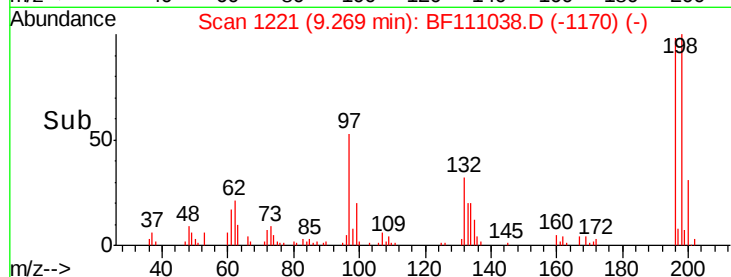
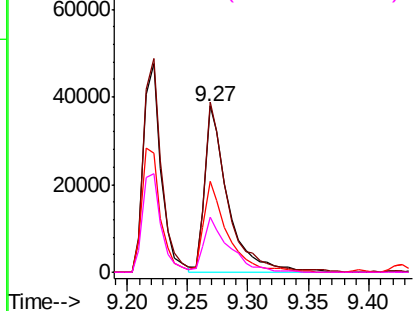
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

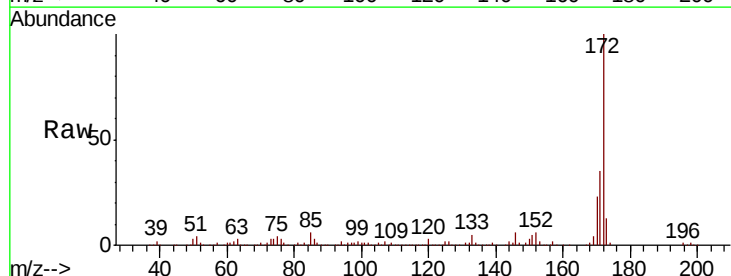
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.707 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	22.9	19.7	29.5

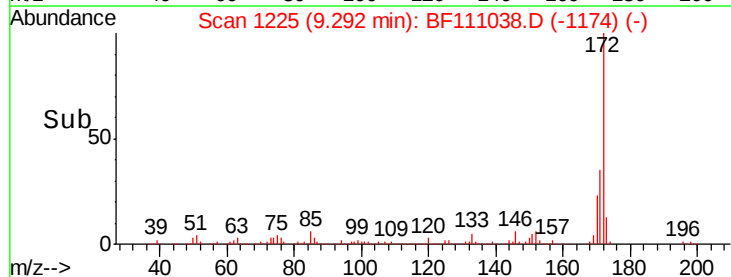
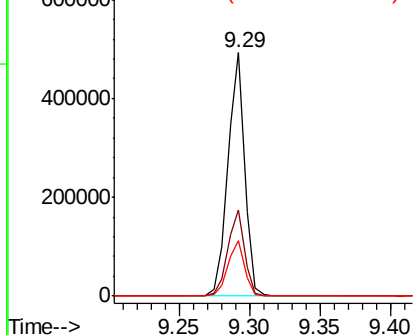


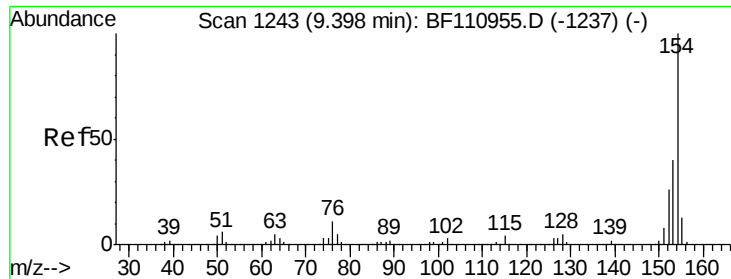
Abundance

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

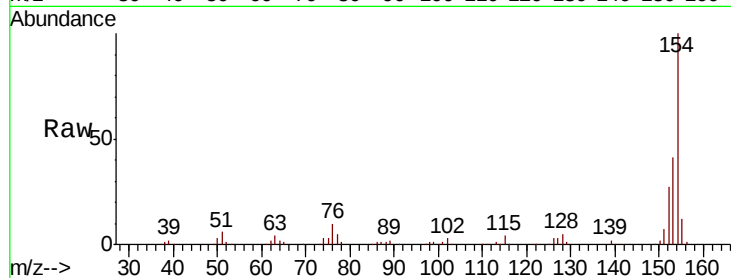




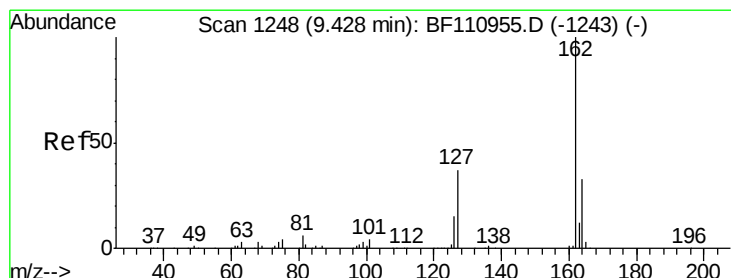
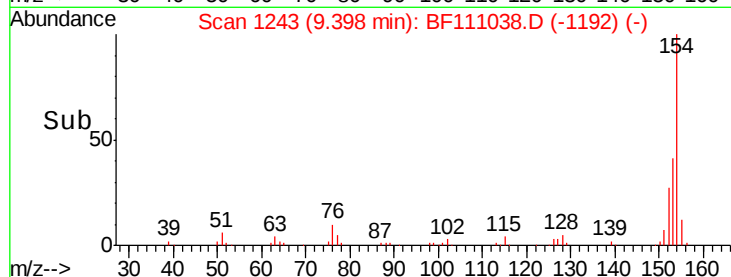
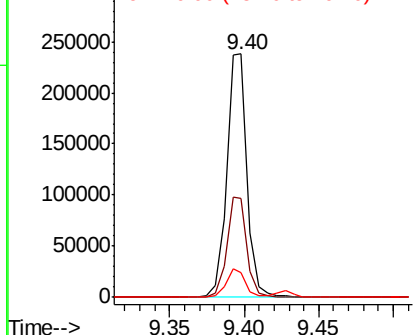
#46
 1,1'-Biphenyl
 Concen: 35.782 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	10.4	0.0	31.9

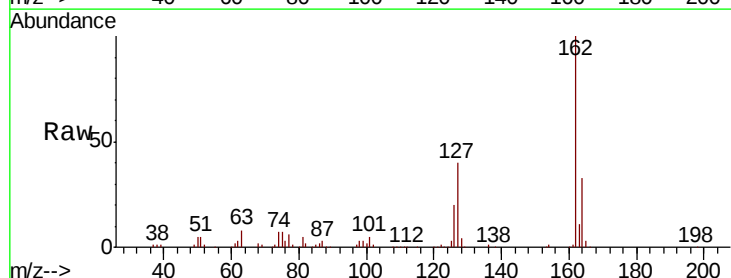


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

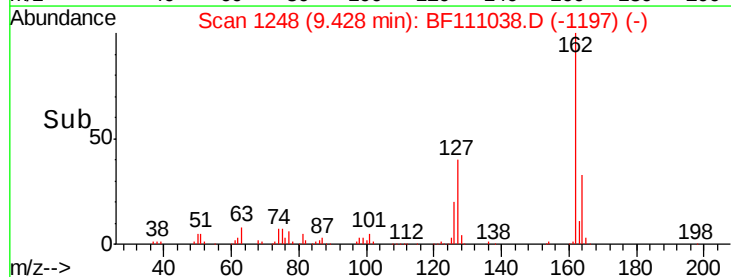
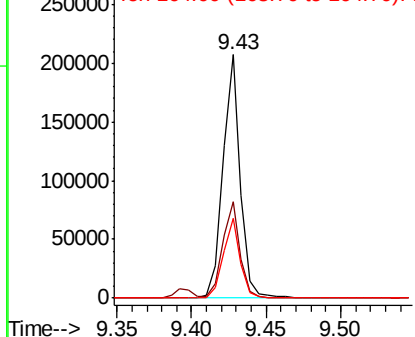


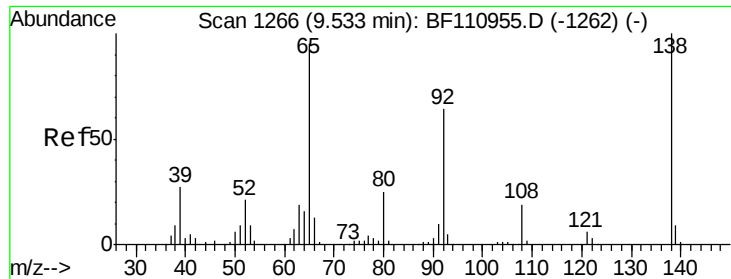
#47
 2-Chloronaphthalene
 Concen: 36.561 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	32.6	48.8
164	32.8	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

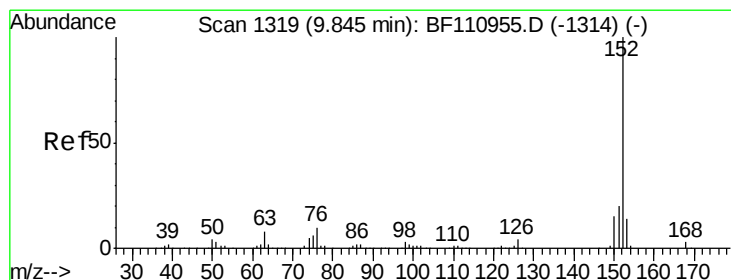
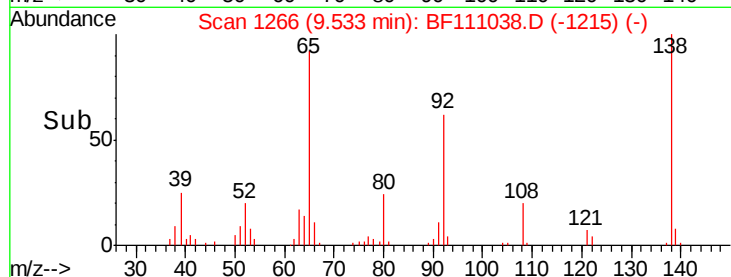
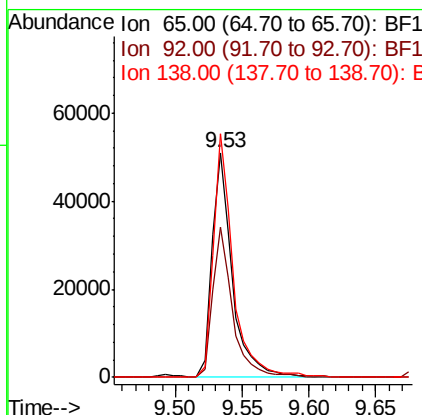
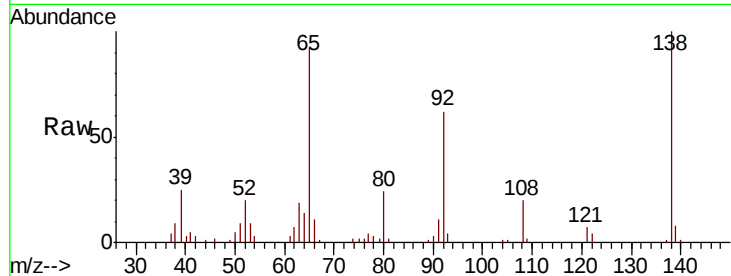




#48
 2-Nitroaniline
 Concen: 37.520 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

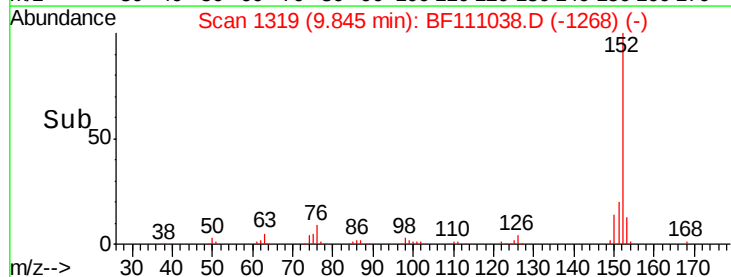
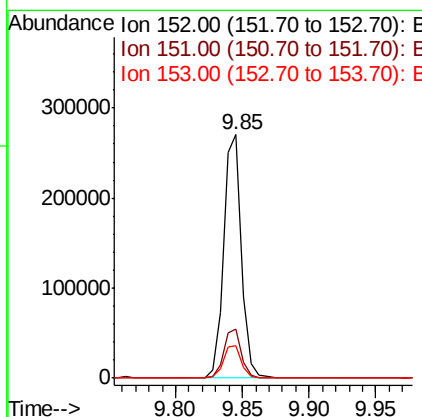
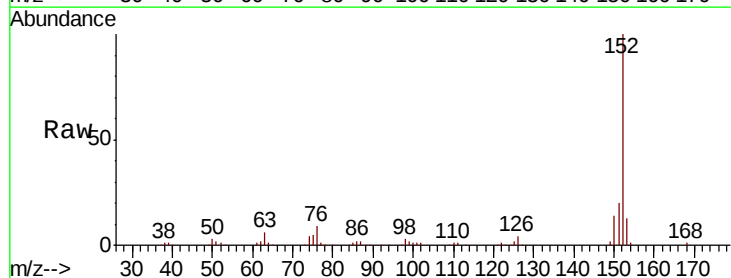
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

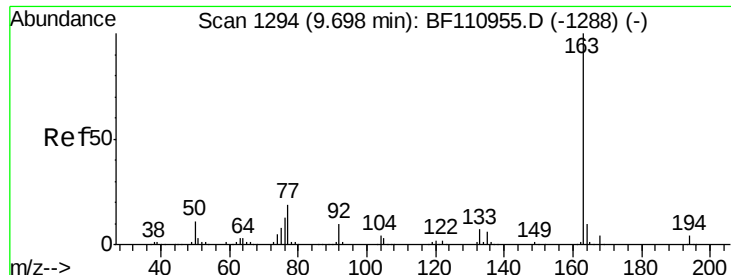
Tgt Ion: 65 Resp: 54393
 Ion Ratio Lower Upper
 65 100
 92 66.9 54.6 81.8
 138 108.4 80.3 120.5



#49
 Acenaphthylene
 Concen: 38.398 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion: 152 Resp: 253065
 Ion Ratio Lower Upper
 152 100
 151 20.1 15.8 23.8
 153 13.4 10.4 15.6

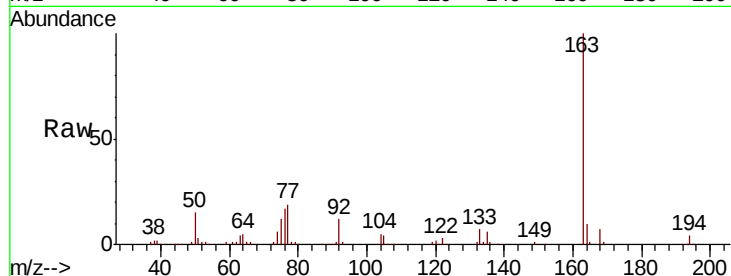




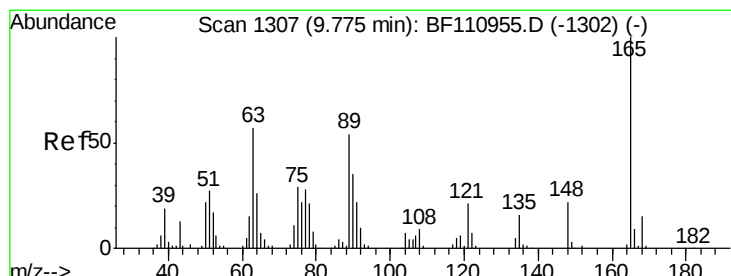
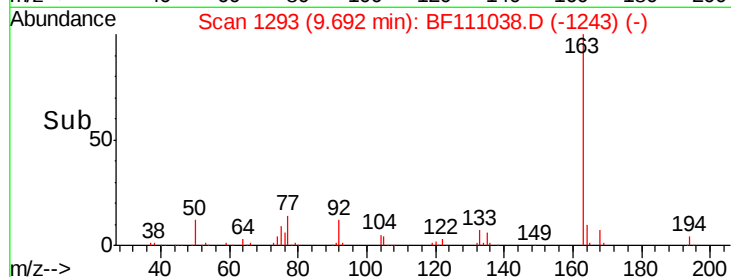
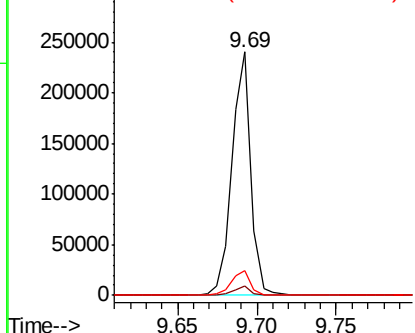
#50
Dimethylphthalate
Concen: 38.748 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.1	8.1	12.1

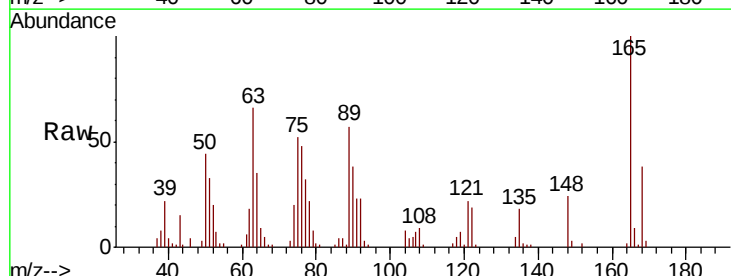


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

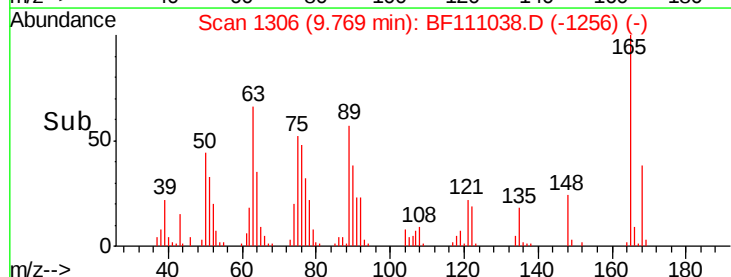
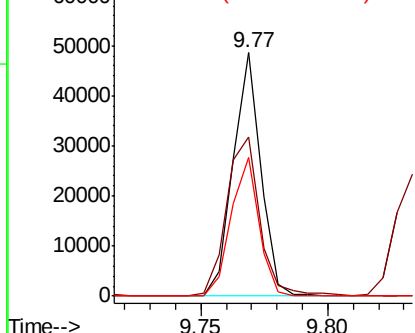


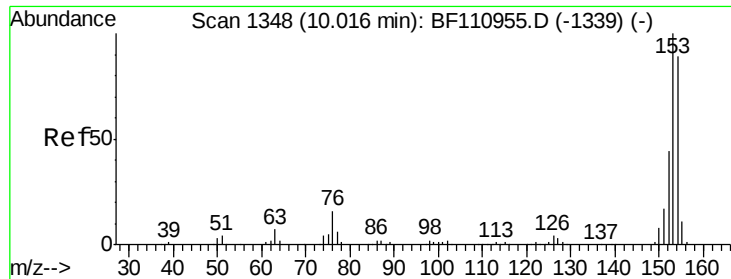
#51
2,6-Dinitrotoluene
Concen: 32.385 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.5	48.9	73.3
89	56.8	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: 35.927 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

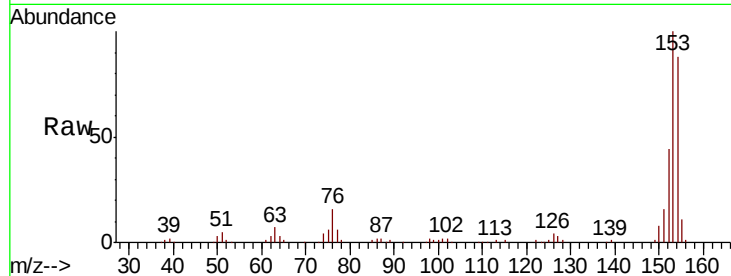
Tgt Ion:154 Resp: 151791

Ion Ratio Lower Upper

154 100

153 113.3 90.1 135.1

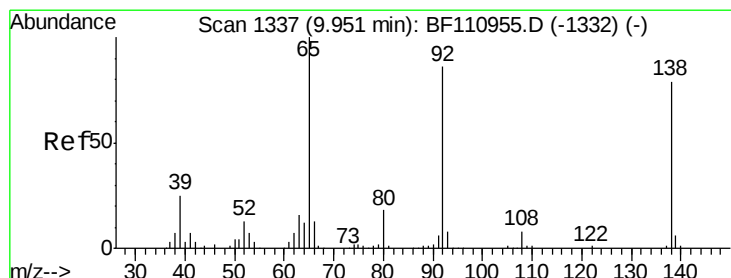
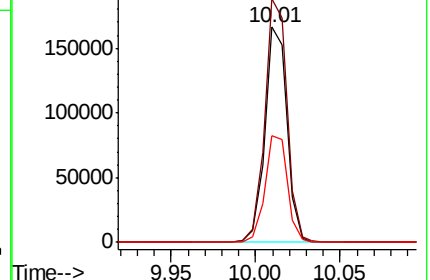
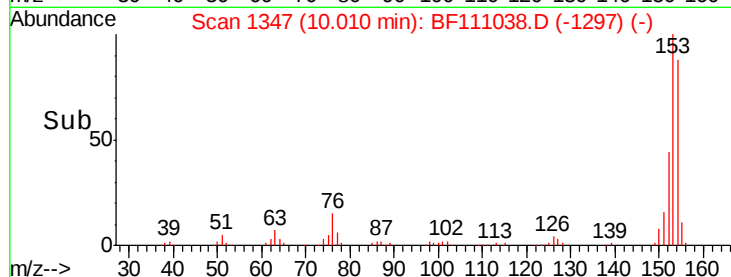
152 49.9 43.4 65.2



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: 26.307 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

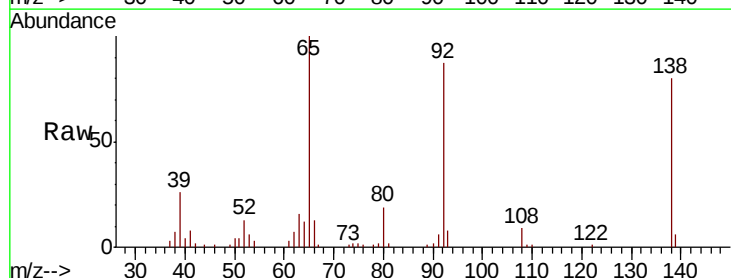
Tgt Ion:138 Resp: 34710

Ion Ratio Lower Upper

138 100

108 10.8 8.7 13.1

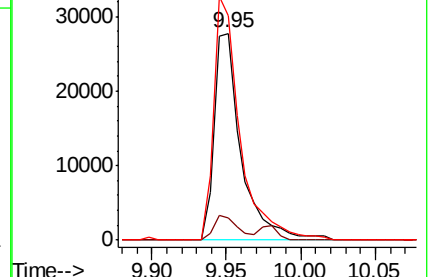
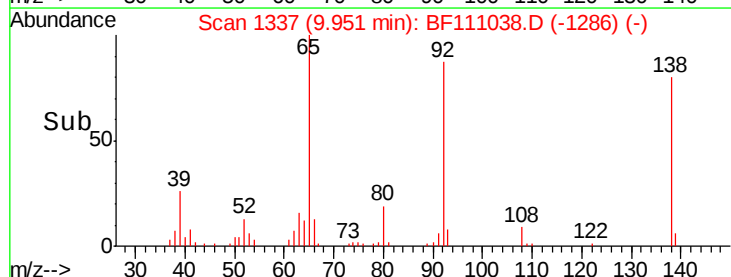
92 108.6 97.0 145.4

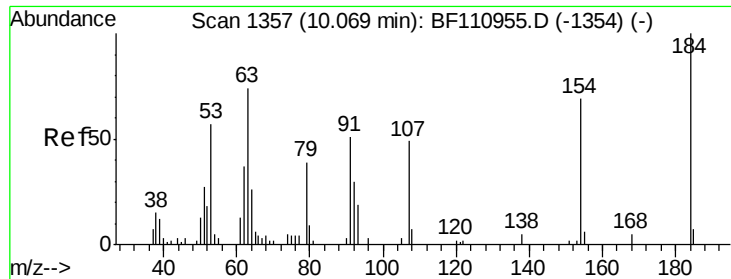


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

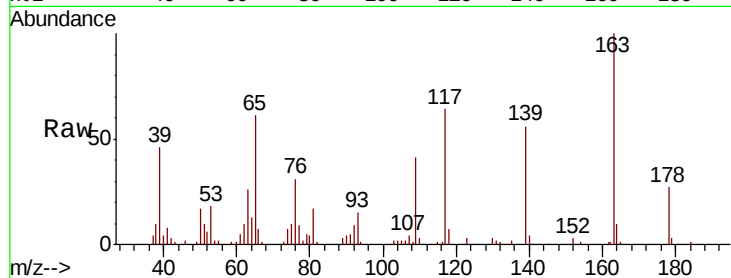




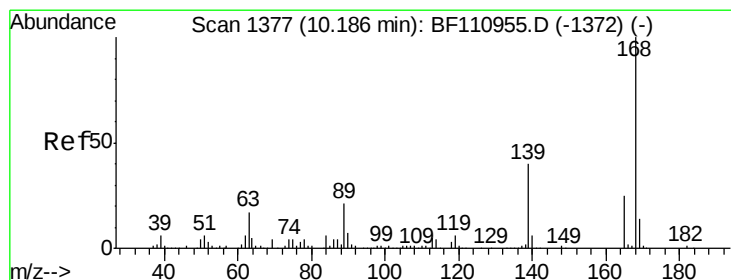
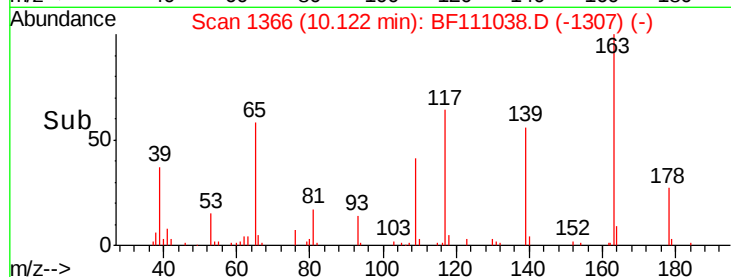
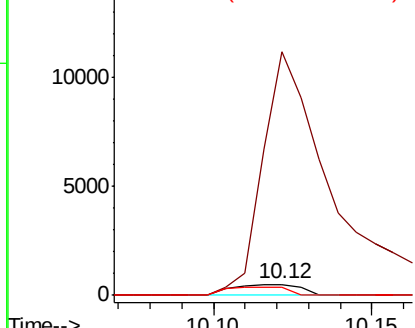
#54
2,4-Dinitrophenol
Concen: 5.541 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.05 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tgt Ion:184 Resp: 765
Ion Ratio Lower Upper
184 100
63 2184.0 55.8 83.6#
154 77.1 63.2 94.8

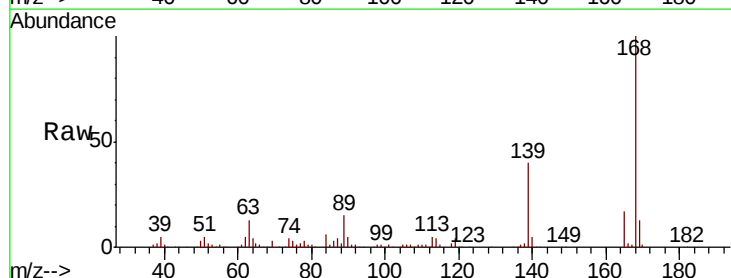


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

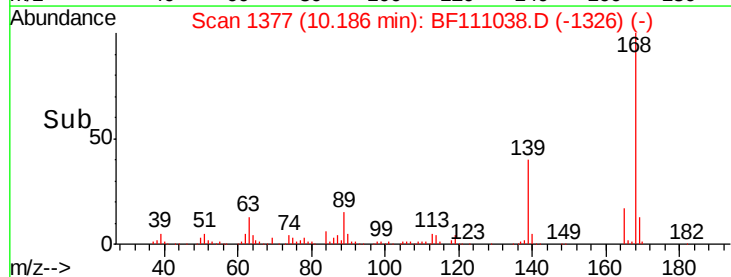
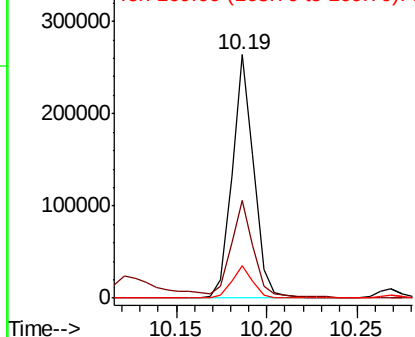


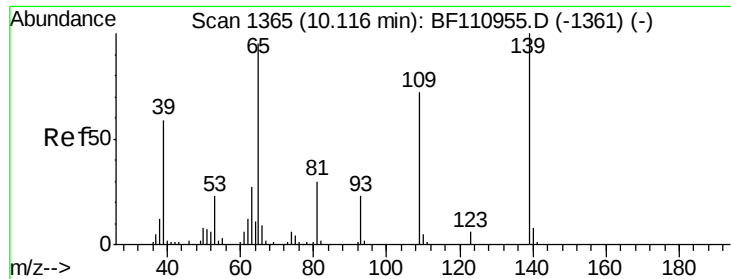
#55
Dibenzofuran
Concen: 35.335 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion:168 Resp: 217793
Ion Ratio Lower Upper
168 100
139 40.0 33.0 49.6
169 13.1 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

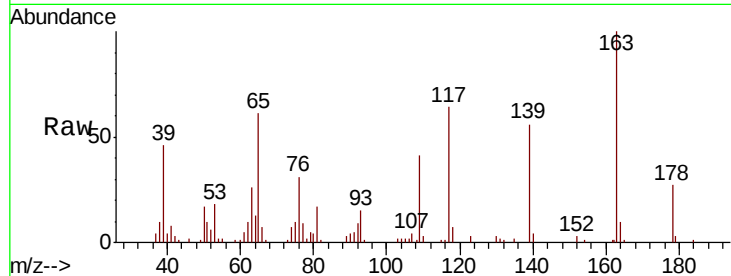




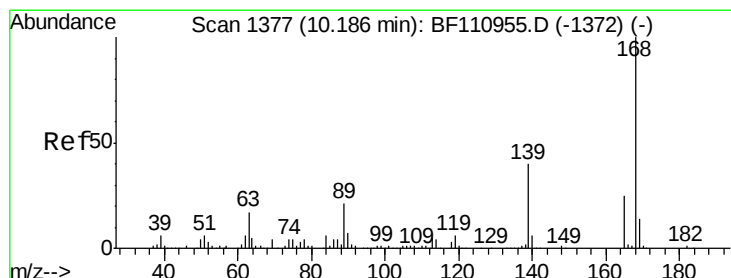
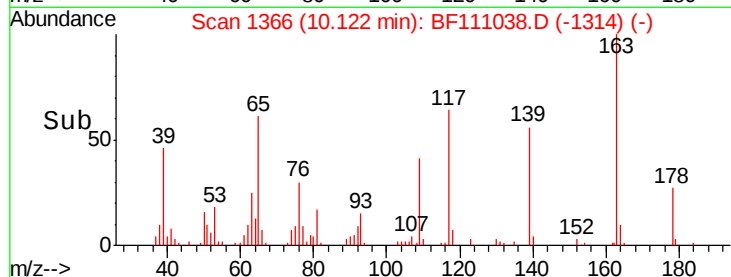
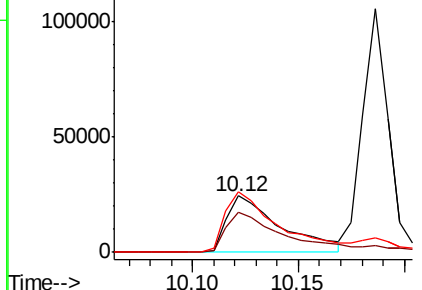
#56
4-Nitrophenol
Concen: 60.079 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tgt Ion:139 Resp: 43249
Ion Ratio Lower Upper
139 100
109 72.2 55.8 95.8
65 108.0 77.9 117.9



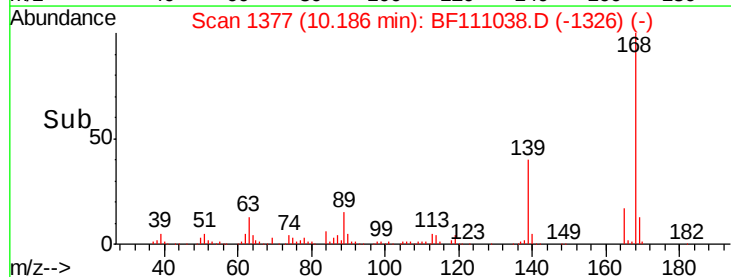
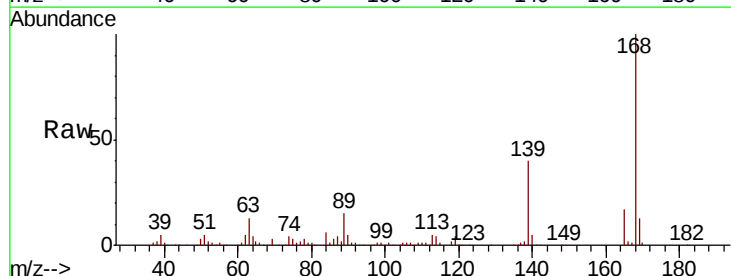
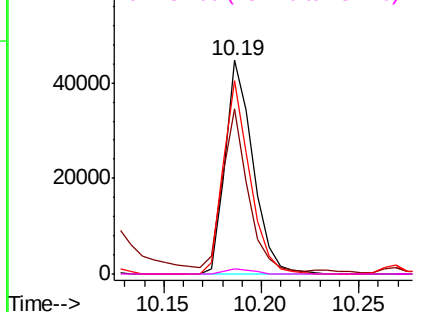
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

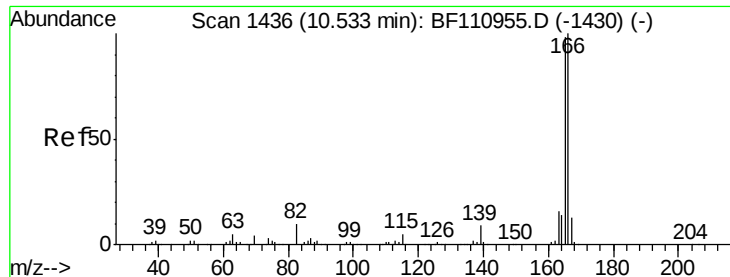


#57
2,4-Dinitrotoluene
Concen: 29.996 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion:165 Resp: 44056
Ion Ratio Lower Upper
165 100
63 77.6 44.8 67.2#
89 90.5 62.2 93.4
182 2.4 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: 36.294 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

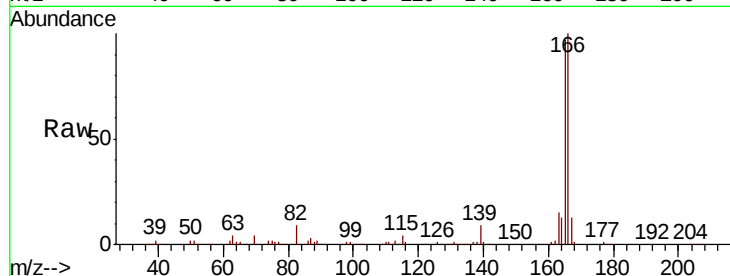
Tgt Ion:166 Resp: 174052

Ion Ratio Lower Upper

166 100

165 97.2 78.6 117.8

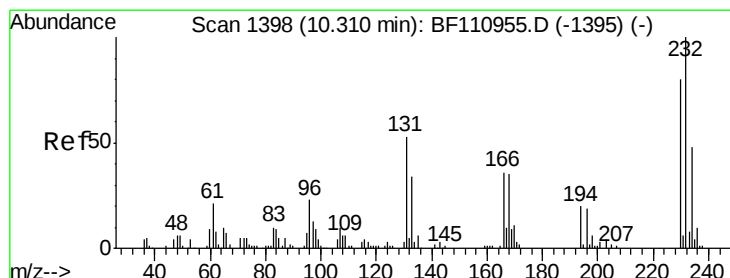
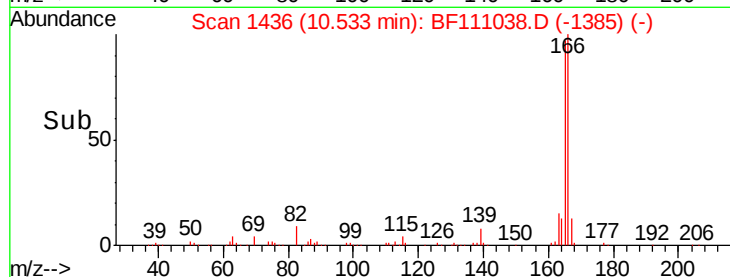
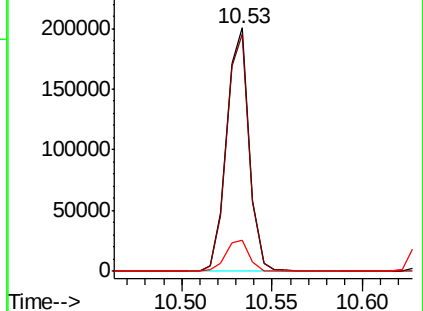
167 12.8 10.8 16.2



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: 36.545 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Tgt Ion:232 Resp: 41138

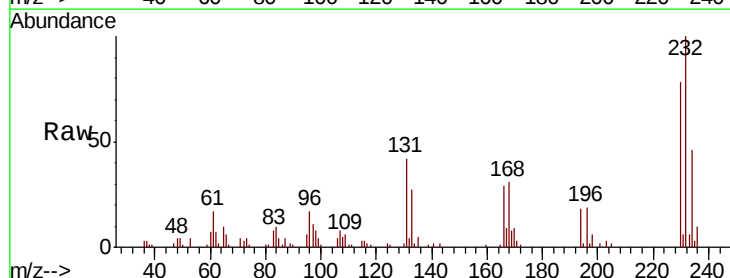
Ion Ratio Lower Upper

232 100

131 48.4 37.0 55.4

130 2.2 1.8 2.6

166 30.8 22.0 33.0

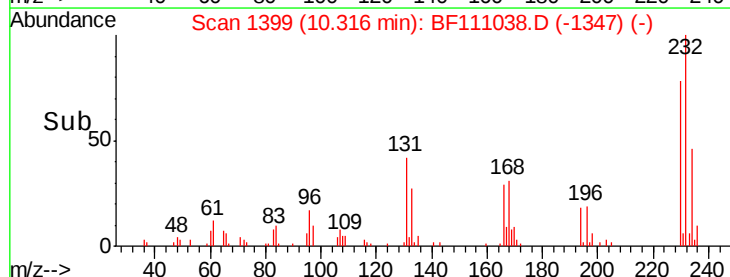
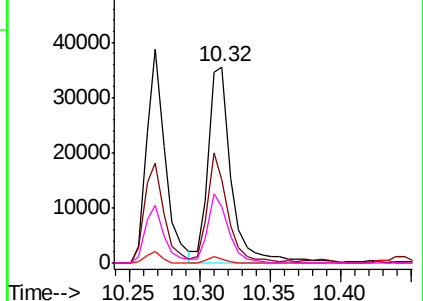


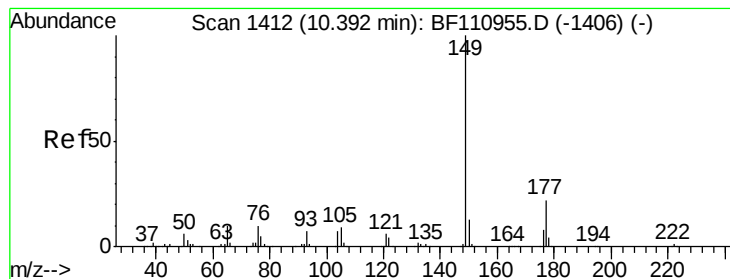
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.896 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

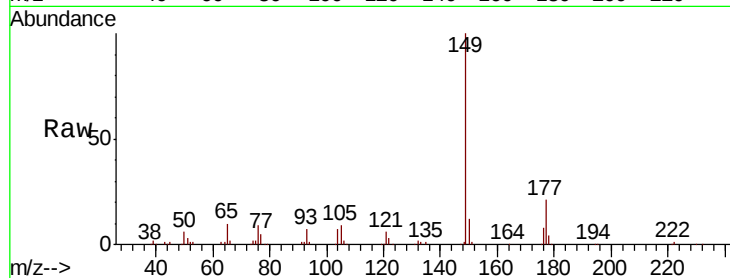
Tgt Ion:149 Resp: 188231

Ion Ratio Lower Upper

149 100

177 21.4 17.4 26.2

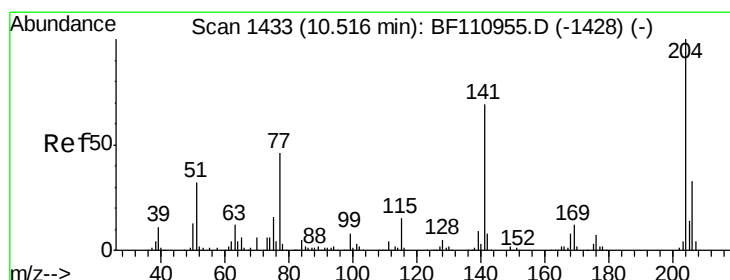
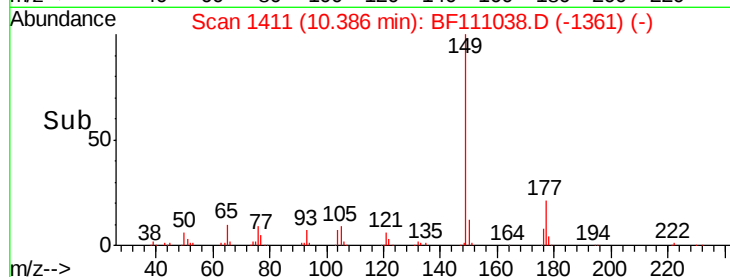
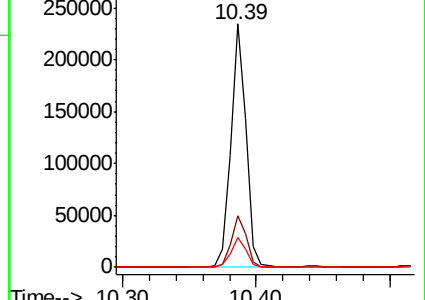
150 12.4 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 32.964 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

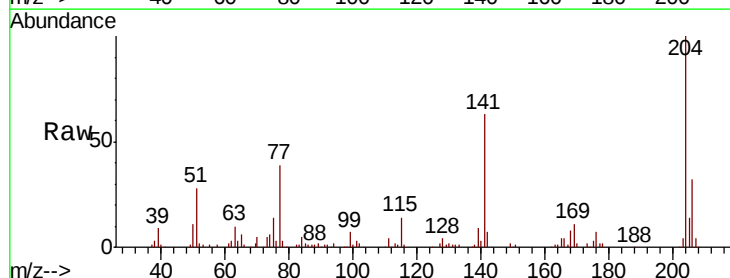
Tgt Ion:204 Resp: 82684

Ion Ratio Lower Upper

204 100

206 31.6 26.5 39.7

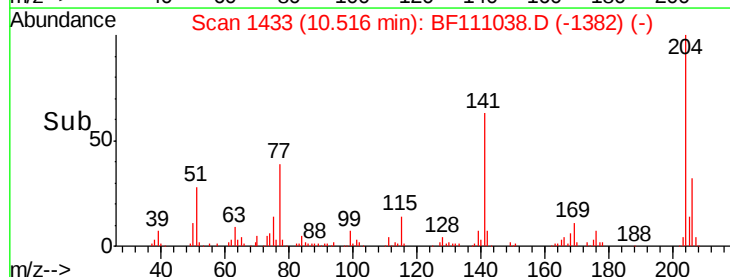
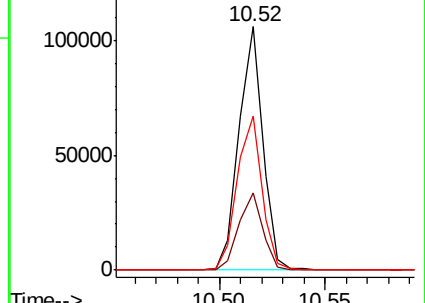
141 63.3 51.8 77.8

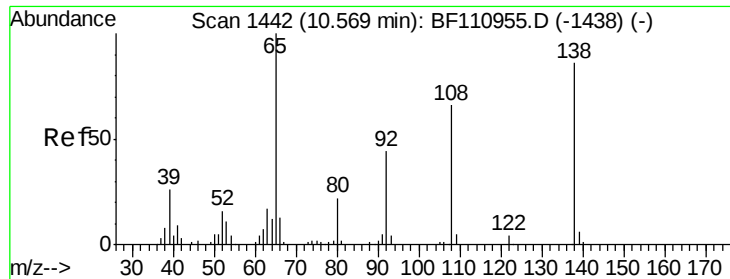


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

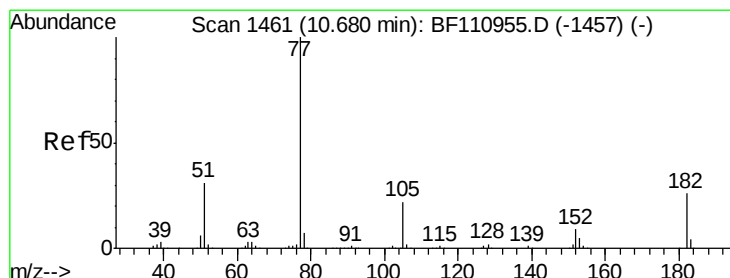
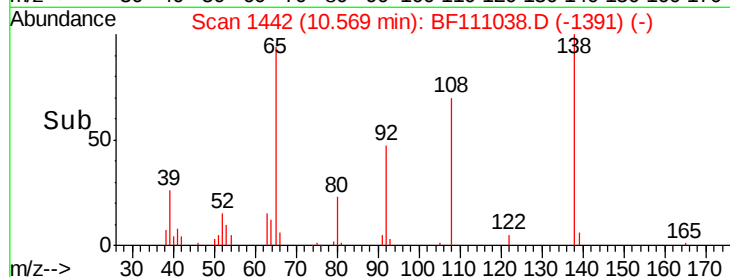
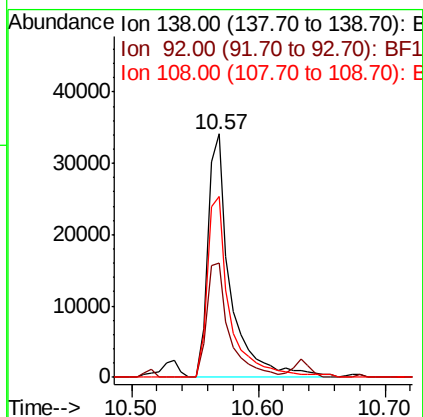
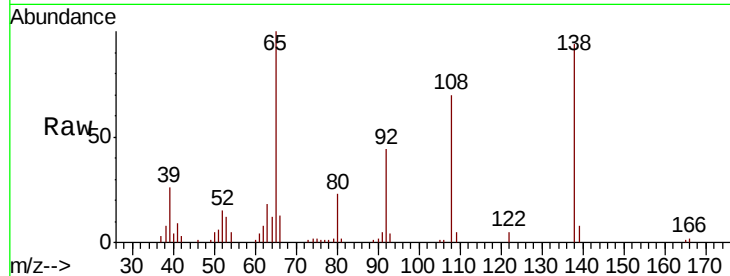




#62
4-Nitroaniline
Concen: 34.409 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

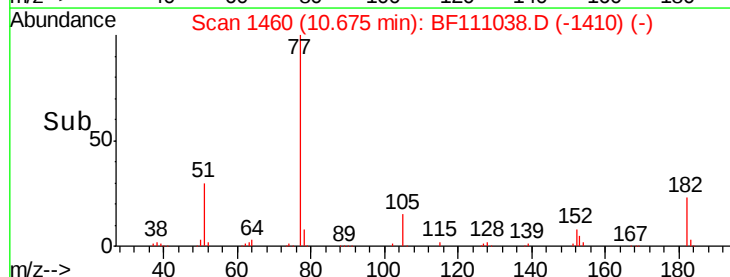
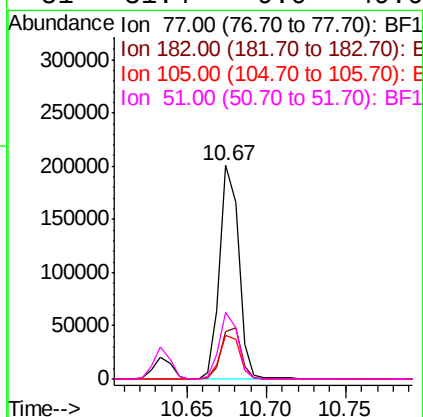
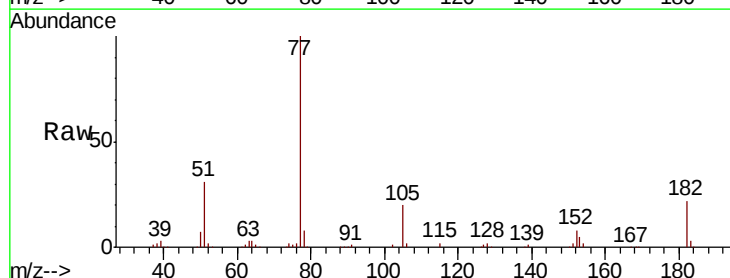
Instrument :
BNA_F
ClientSampleId :
PB115099BSD

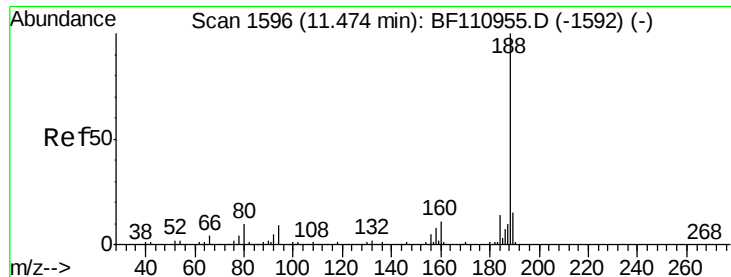
Tgt Ion:138 Resp: 42271
Ion Ratio Lower Upper
138 100
92 47.1 31.7 71.7
108 74.5 59.3 99.3



#63
Azobenzene
Concen: 33.175 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion: 77 Resp: 169561
Ion Ratio Lower Upper
77 100
182 22.0 4.3 44.3
105 20.2 1.3 41.3
51 31.4 9.0 49.0

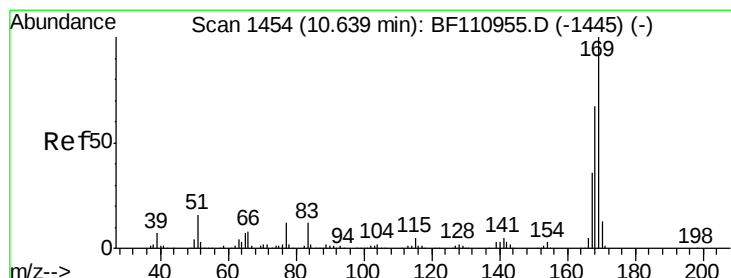
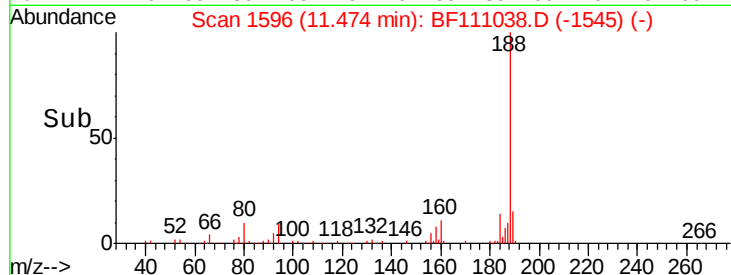
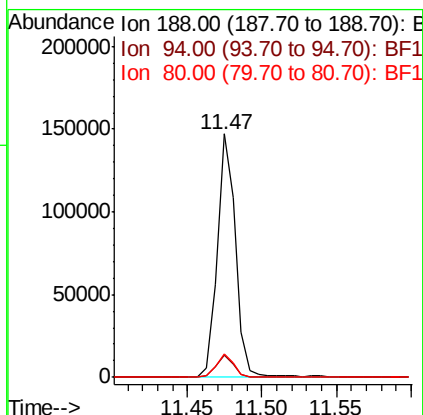
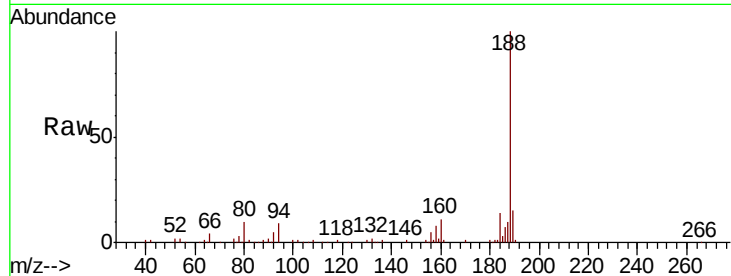




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

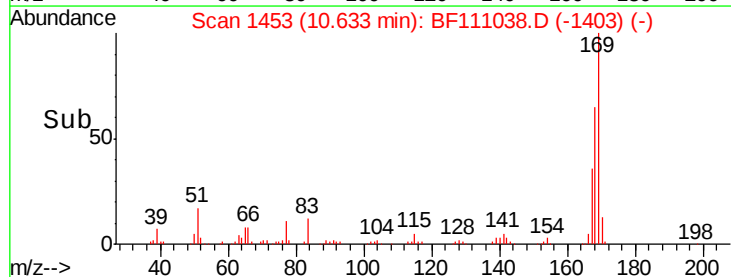
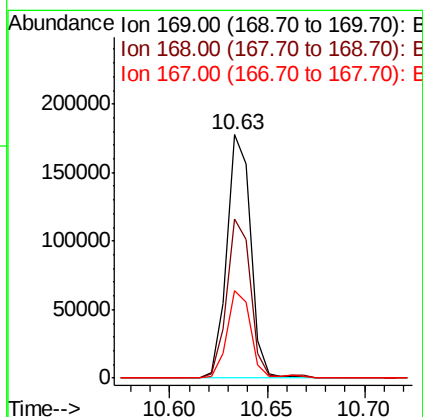
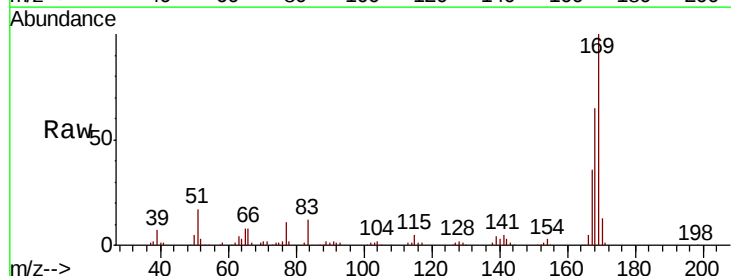
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

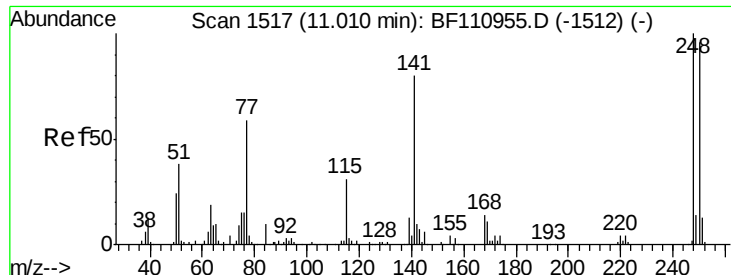
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.8	7.9	11.9



#66
 n-Nitrosodiphenylamine
 Concen: 36.038 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.2	51.2	76.8
167	35.9	27.8	41.6

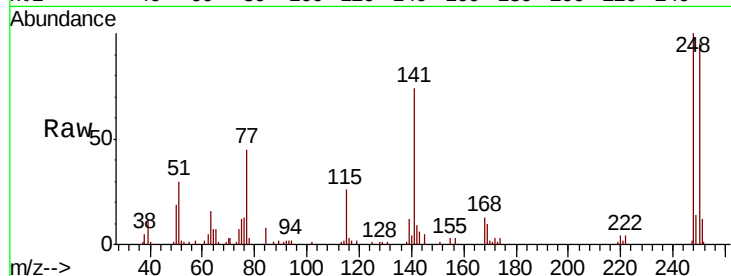




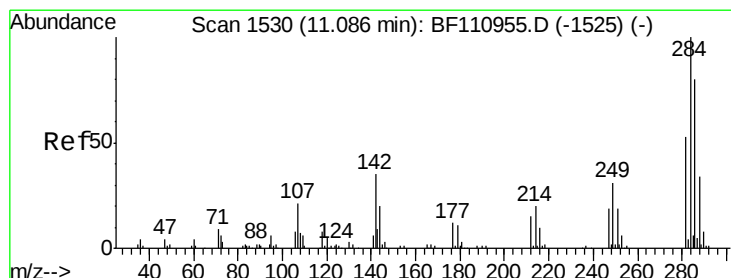
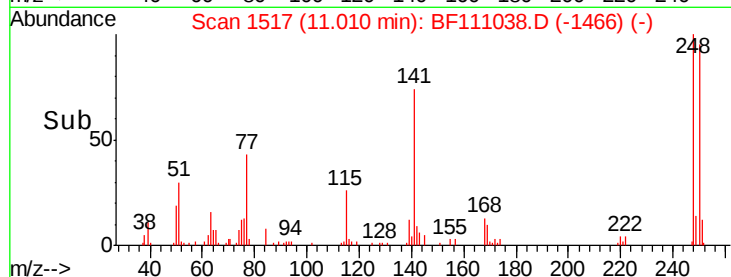
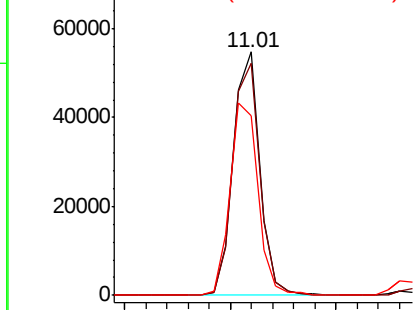
#67
4-Bromophenyl-phenylether
Concen: 34.660 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tgt Ion:248 Resp: 47384
Ion Ratio Lower Upper
248 100
250 95.2 79.4 119.2
141 73.6 55.9 83.9

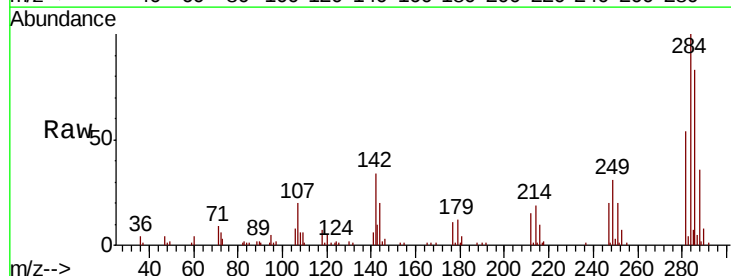


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

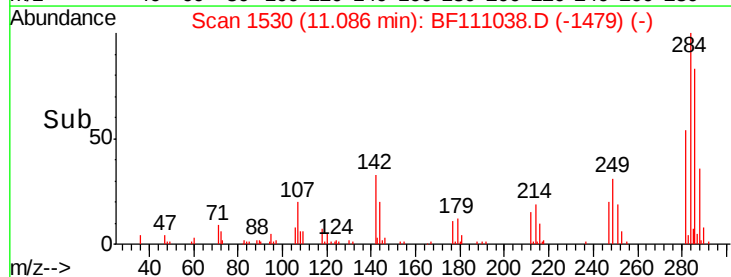
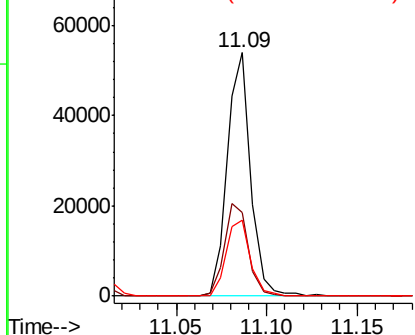


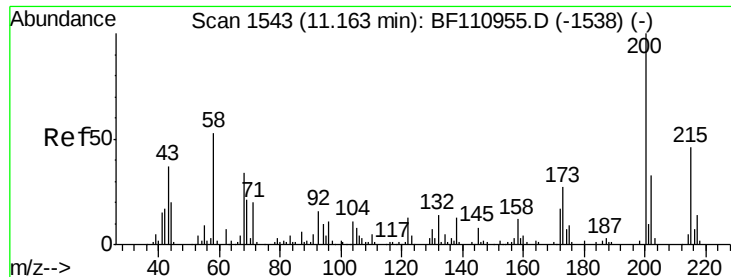
#68
Hexachlorobenzene
Concen: 33.155 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion:284 Resp: 48280
Ion Ratio Lower Upper
284 100
142 34.2 23.9 35.9
249 31.2 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

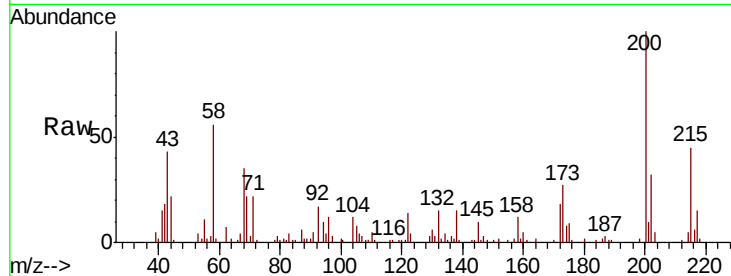




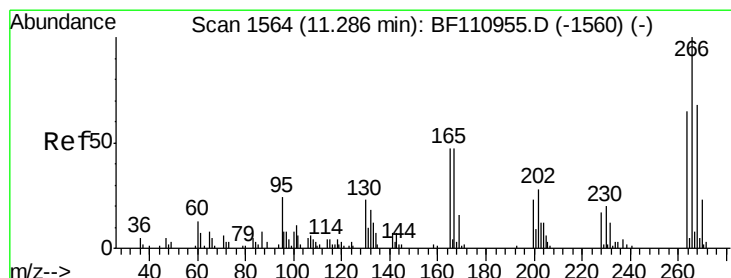
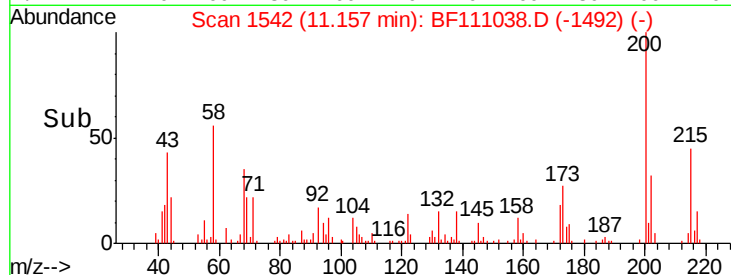
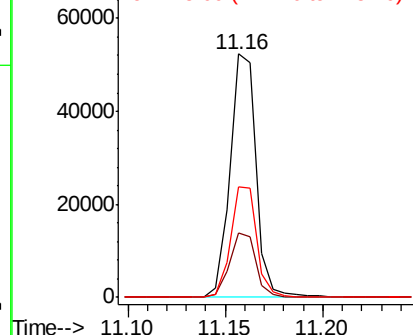
#69
 Atrazine
 Concen: 42.547 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

Tgt Ion:200 Resp: 48514
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.6 46.6
 215 45.4 26.3 66.3

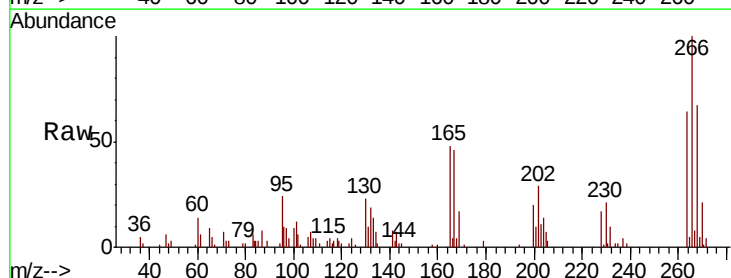


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

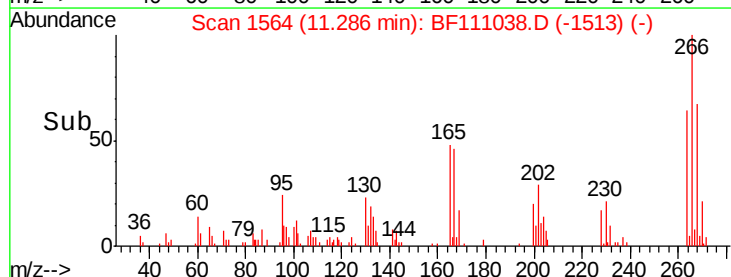
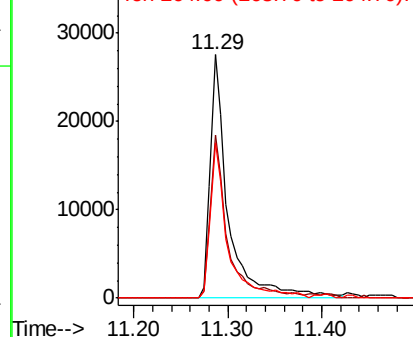


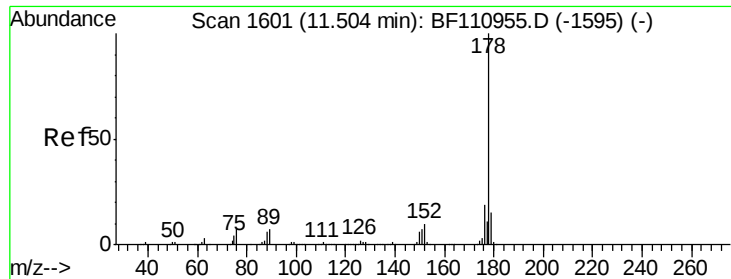
#70
 Pentachlorophenol
 Concen: 64.573 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion:266 Resp: 37410
 Ion Ratio Lower Upper
 266 100
 268 67.1 50.6 75.8
 264 63.6 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

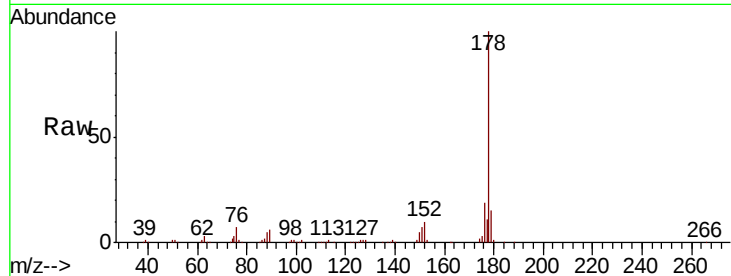




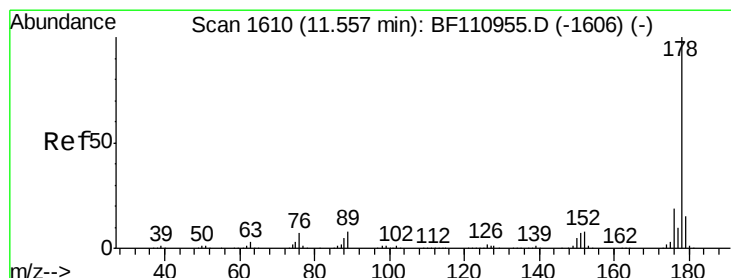
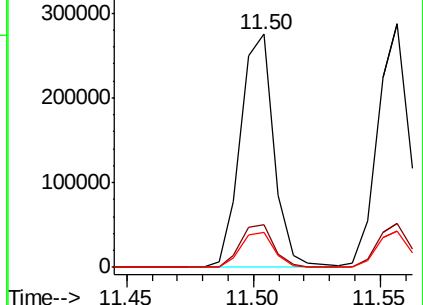
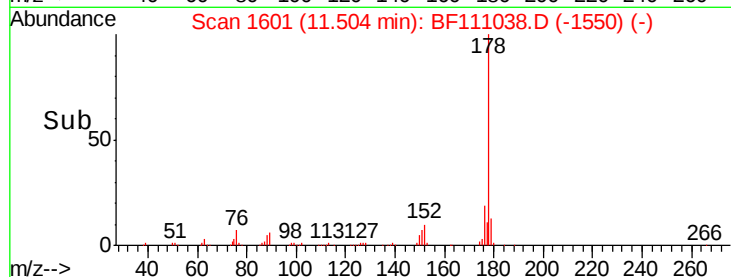
#71
Phenanthrene
Concen: 38.101 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tgt Ion:178 Resp: 253314
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 15.1 12.5 18.7

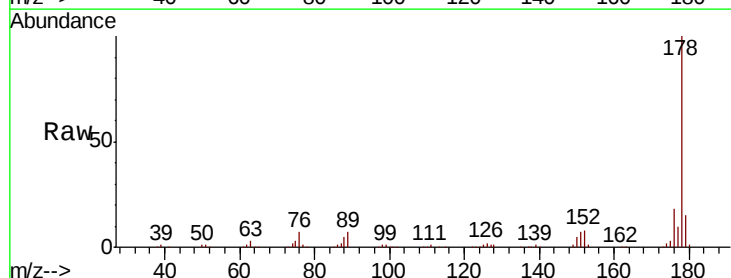


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

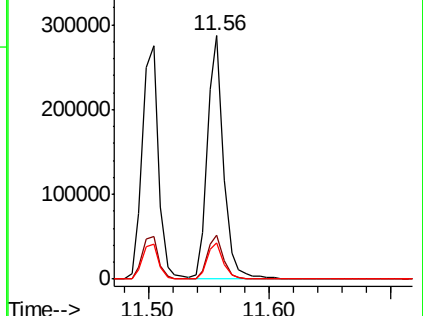
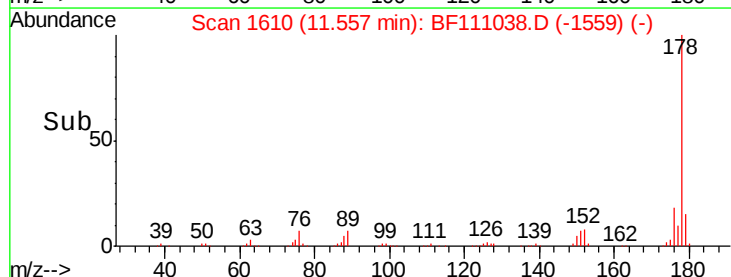


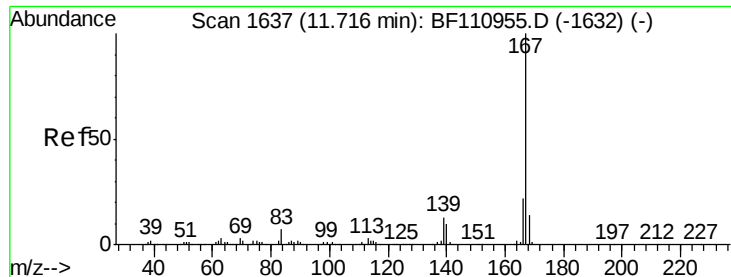
#72
Anthracene
Concen: 39.161 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion:178 Resp: 265150
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 14.9 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

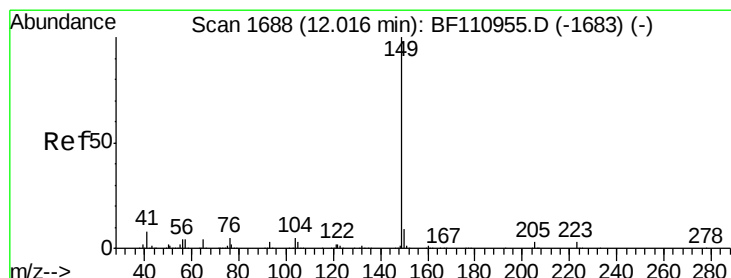
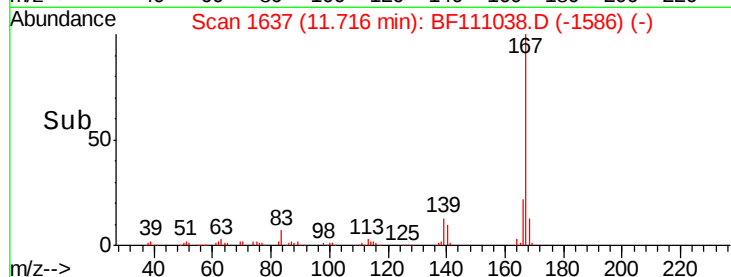
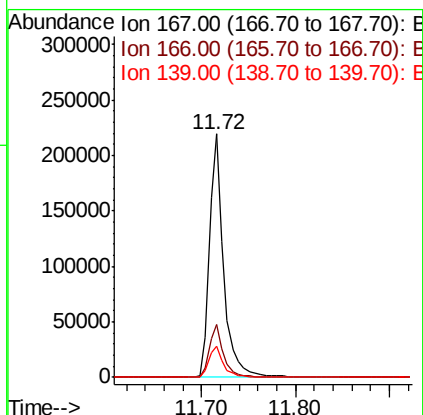
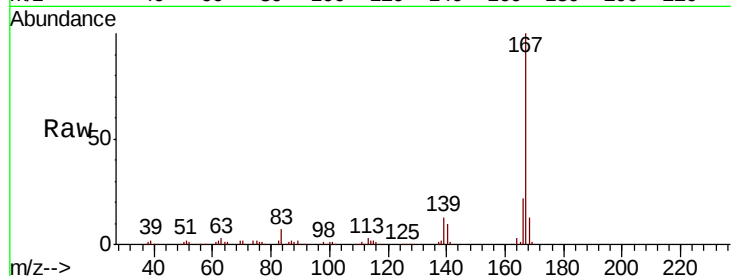




#73
 Carbazole
 Concen: 35.558 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

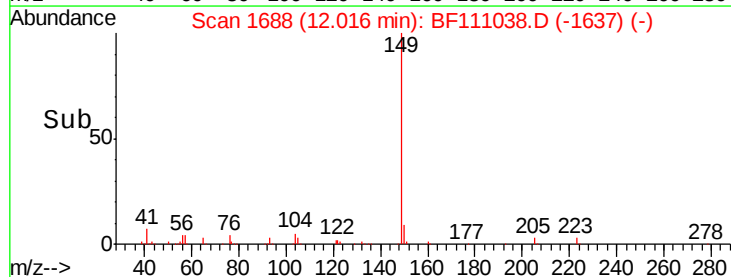
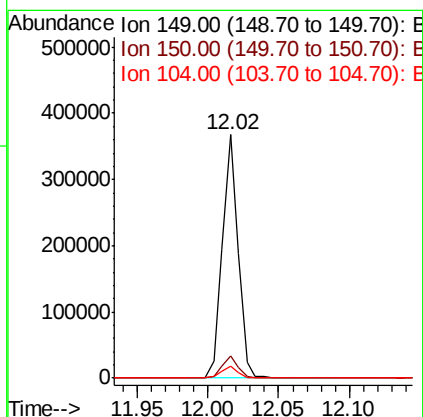
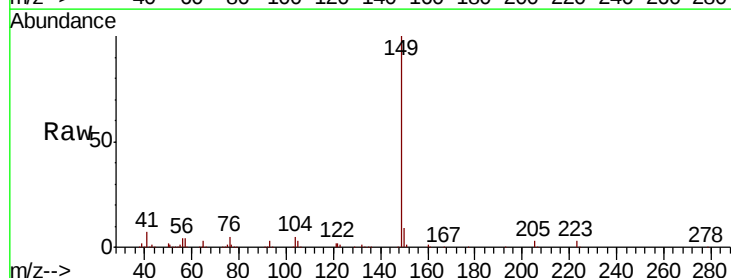
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

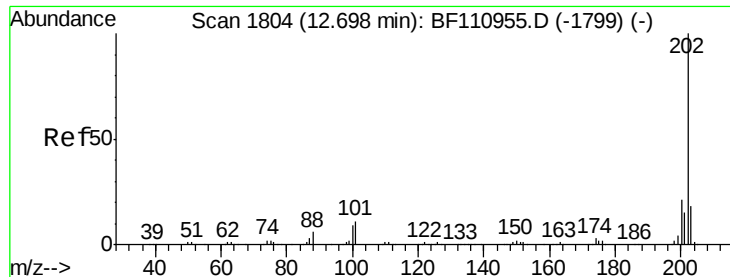
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	12.5	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 37.288 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.9	4.2	6.4

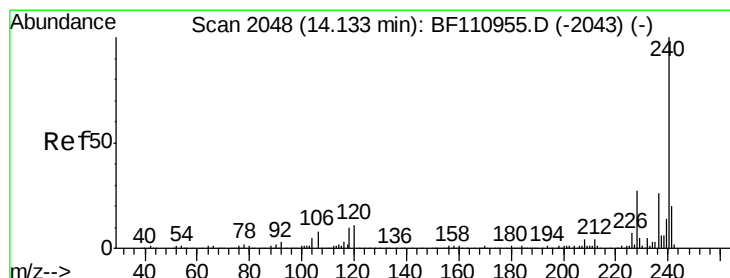
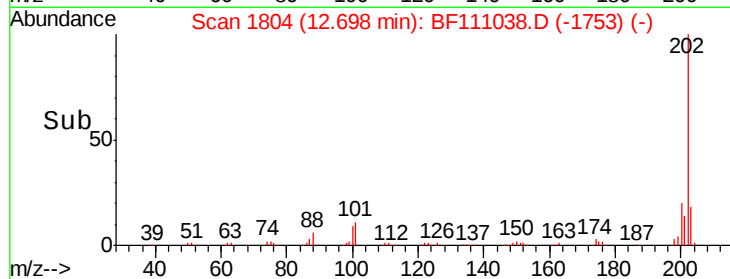
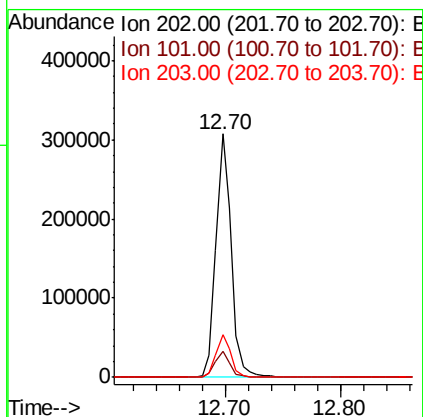
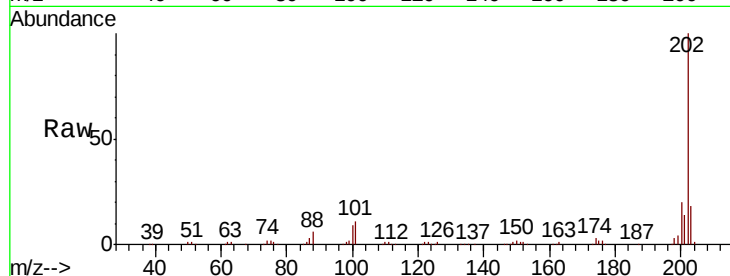




#75
 Fluoranthene
 Concen: 41.115 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

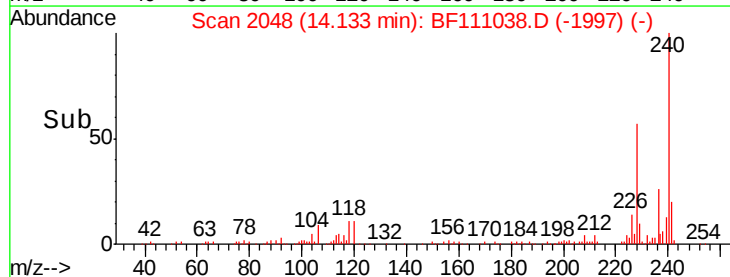
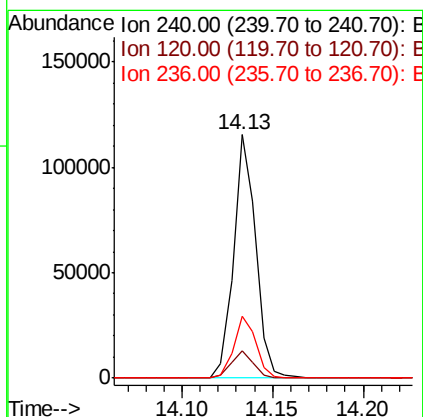
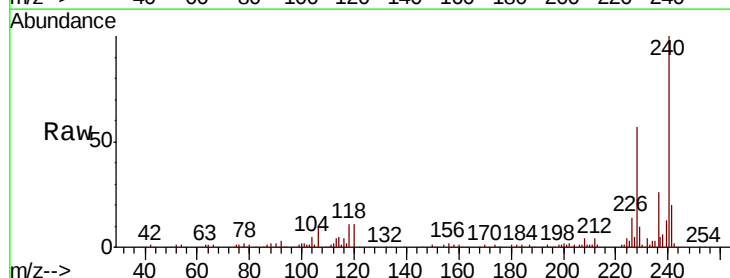
Instrument :
 BNA_F
 ClientSampleId :
 PB115099BSD

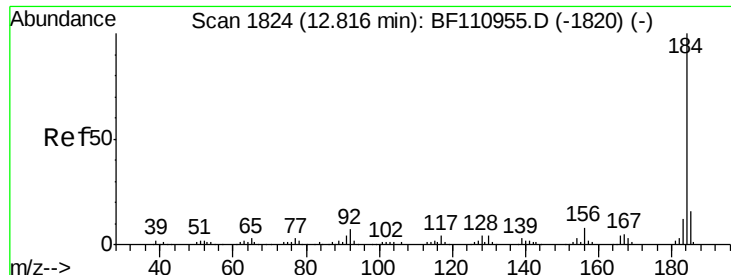
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.4
203	17.5	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BF111038.D
 Acq: 28 Nov 2018 5:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.6	21.2	31.8





#77

Benzidine

Concen: 68.298 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

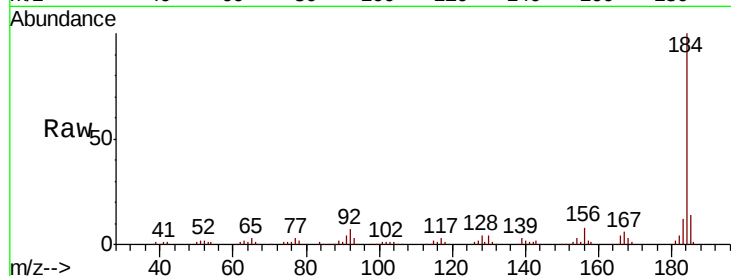
Tgt Ion:184 Resp: 171609

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.2

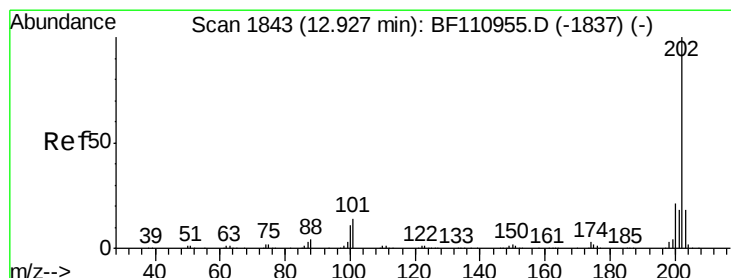
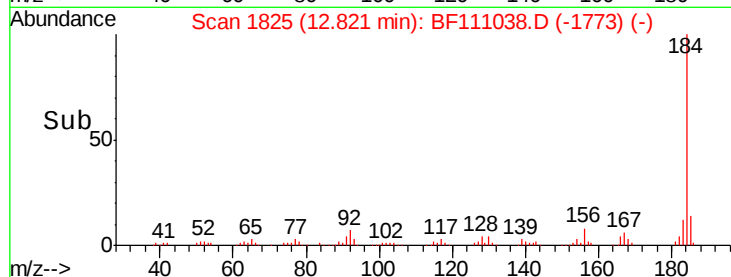
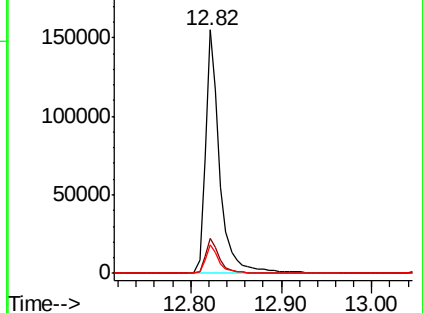
183 11.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.273 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

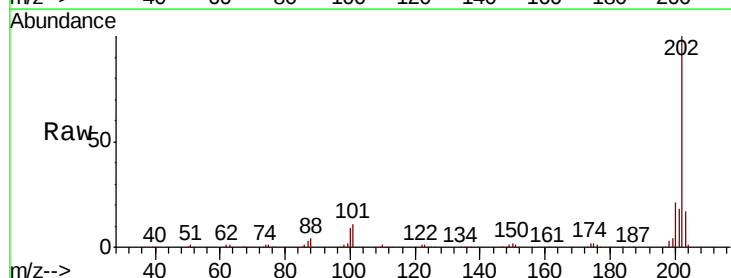
Tgt Ion:202 Resp: 288954

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

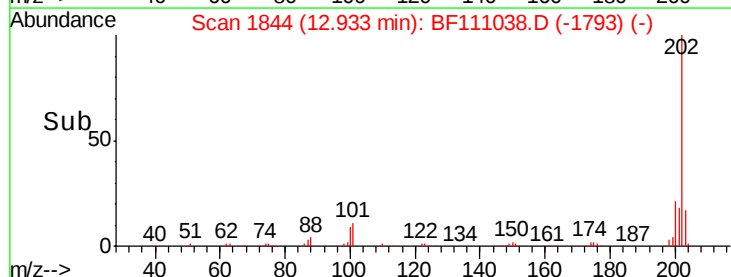
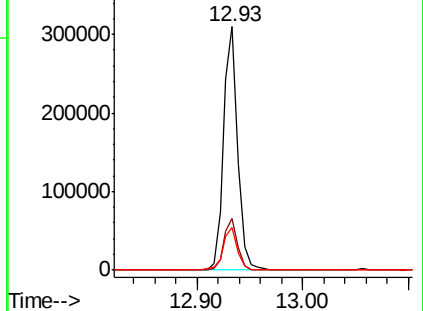
203 17.3 14.2 21.4

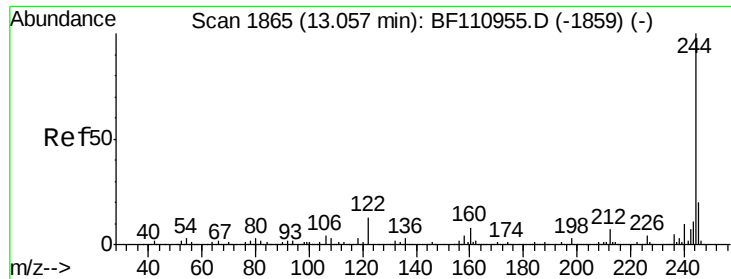


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.177 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

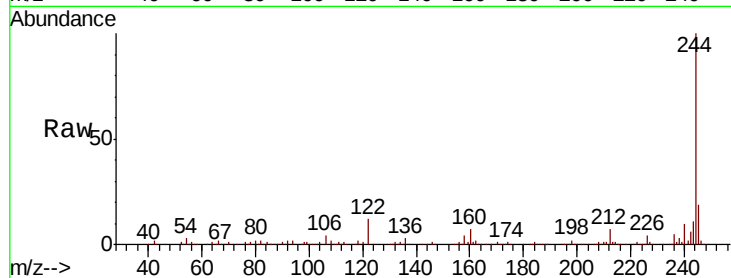
Tgt Ion:244 Resp: 379373

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

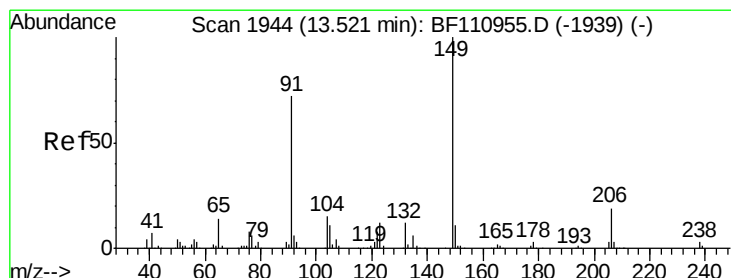
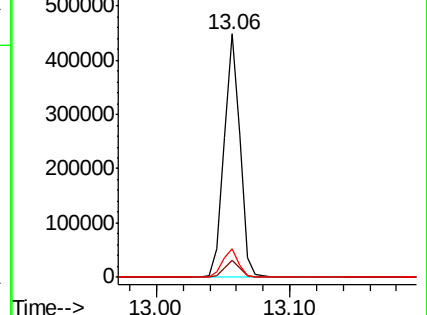
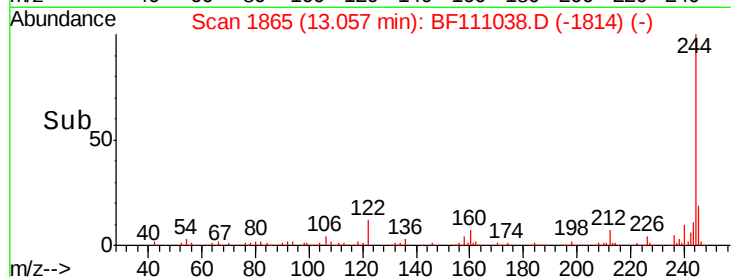
122 11.7 8.7 13.1



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: 40.305 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

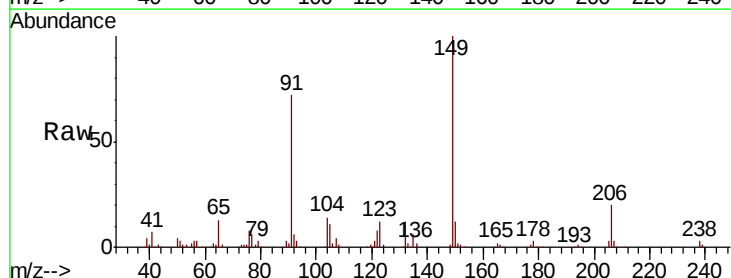
Tgt Ion:149 Resp: 130561

Ion Ratio Lower Upper

149 100

91 72.0 57.2 85.8

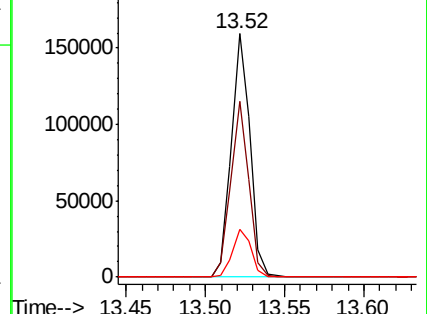
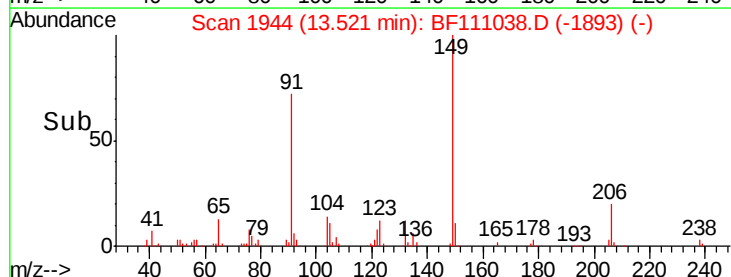
206 19.6 15.7 23.5

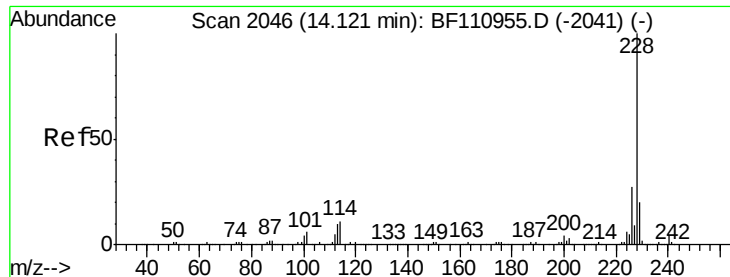


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.035 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

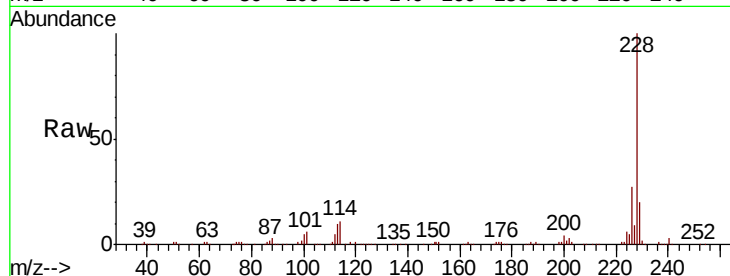
Tgt Ion:228 Resp: 226390

Ion Ratio Lower Upper

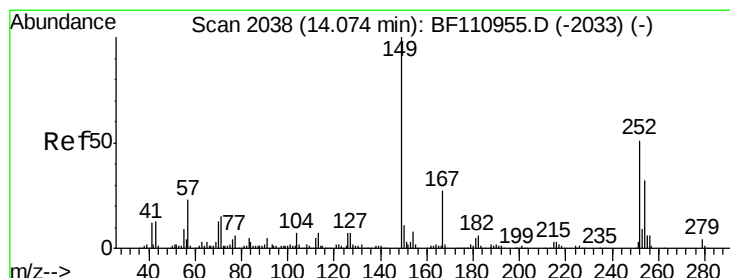
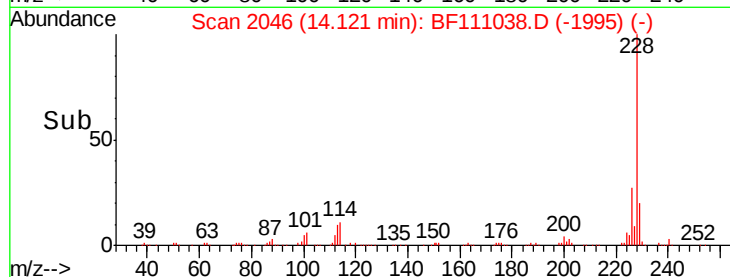
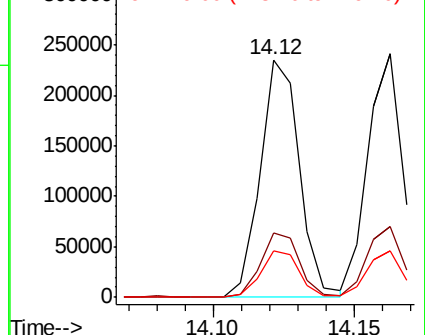
228 100

226 27.1 22.1 33.1

229 19.6 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: 37.200 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

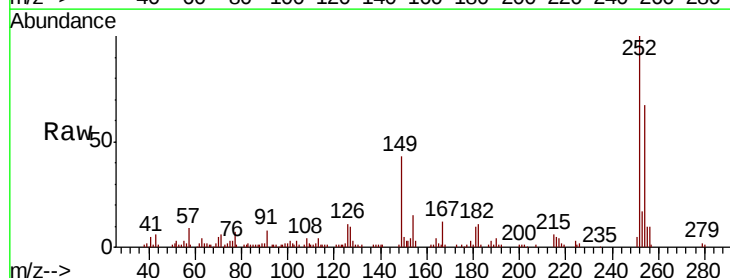
Tgt Ion:252 Resp: 73977

Ion Ratio Lower Upper

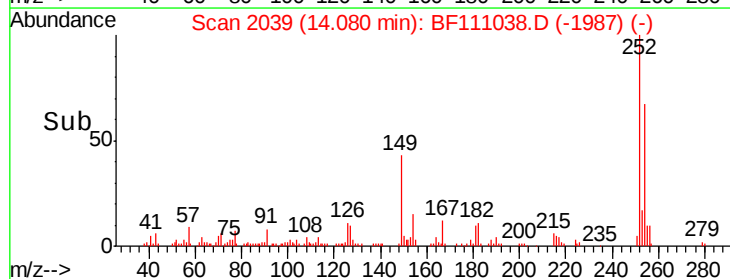
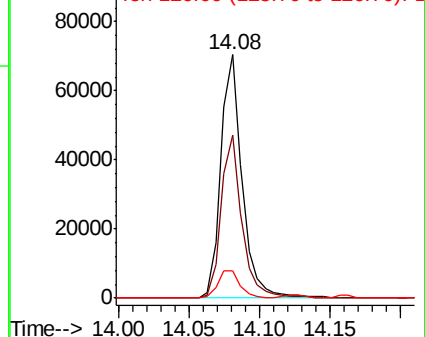
252 100

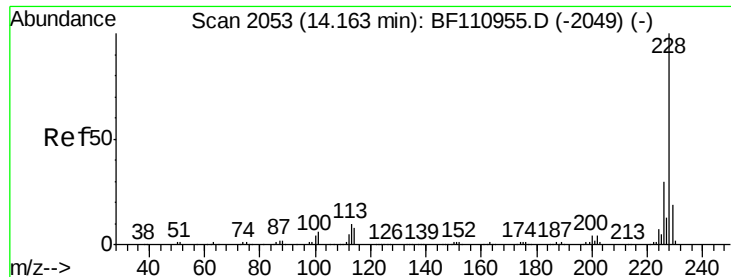
254 66.7 51.3 76.9

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: 37.628 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

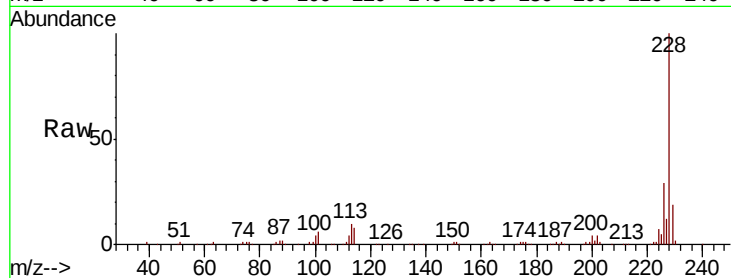
Tgt Ion: 228 Resp: 214830

Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

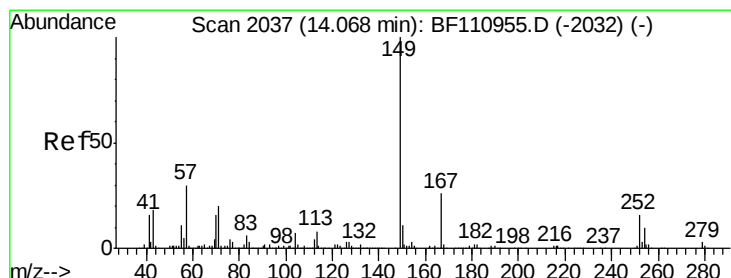
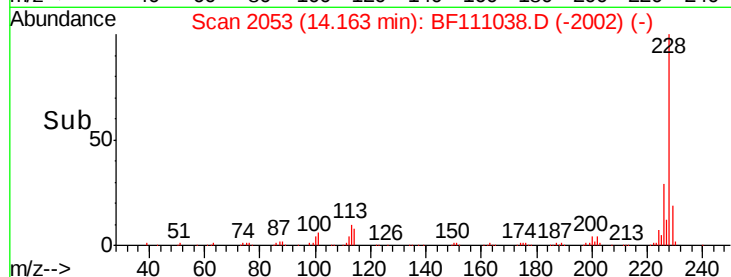
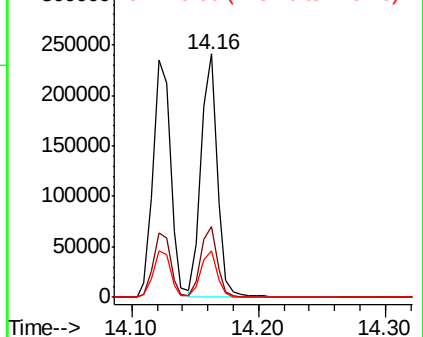
229 19.0 15.9 23.9



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: 42.678 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

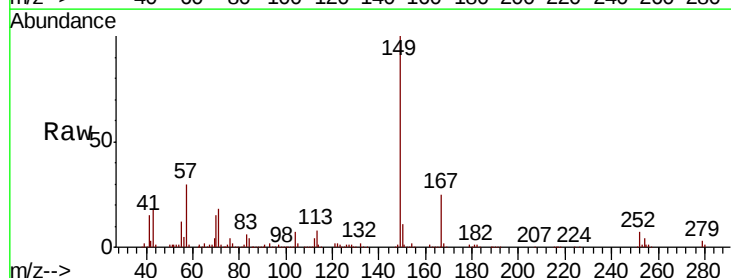
Tgt Ion: 149 Resp: 184209

Ion Ratio Lower Upper

149 100

167 25.4 19.8 29.8

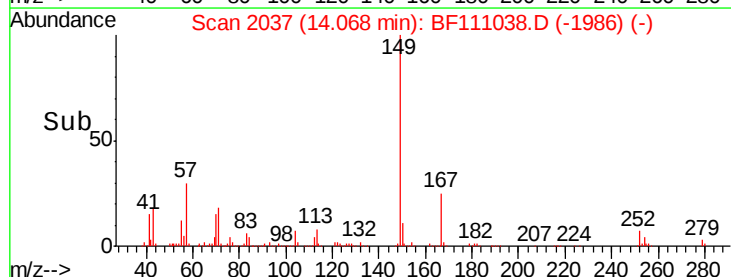
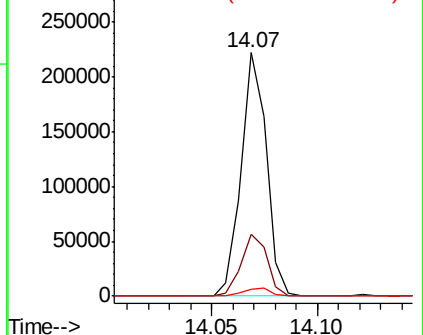
279 3.1 2.7 4.1

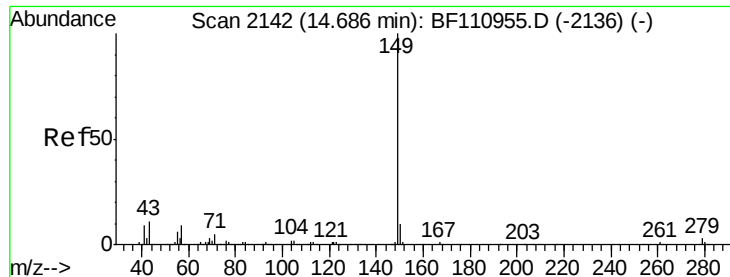


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

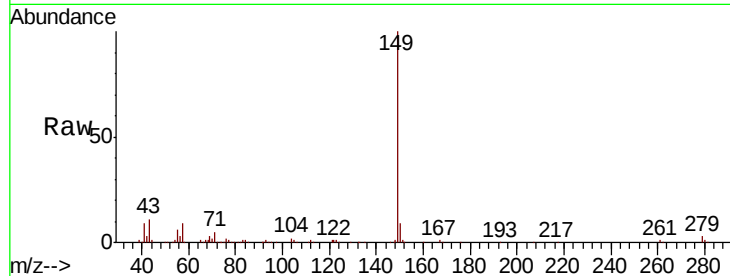




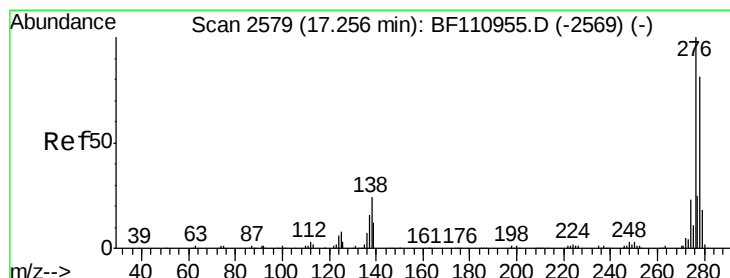
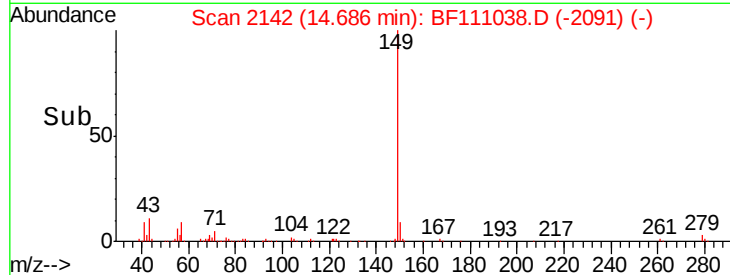
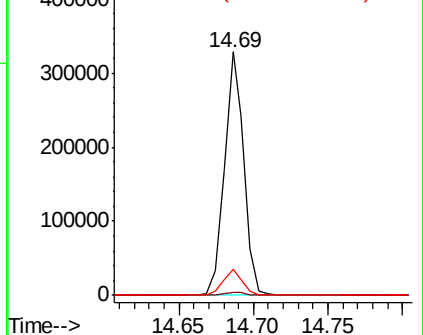
#85
Di-n-octyl phthalate
Concen: 44.174 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Instrument :
BNA_F
ClientSampleId :
PB115099BSD

Tgt Ion:149 Resp: 300972
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 10.5 7.8 11.8

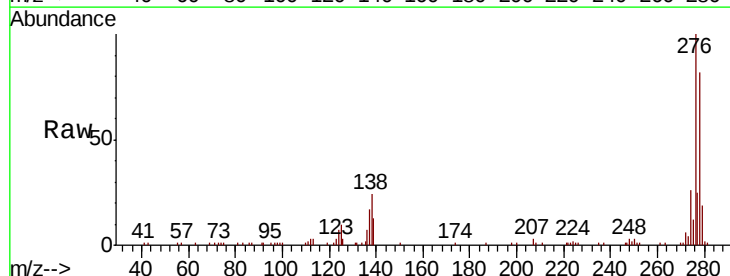


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

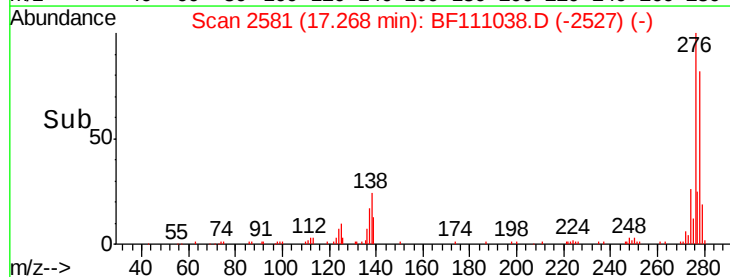
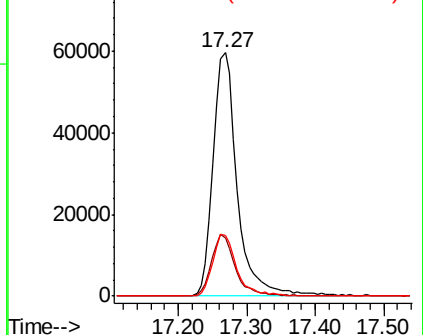


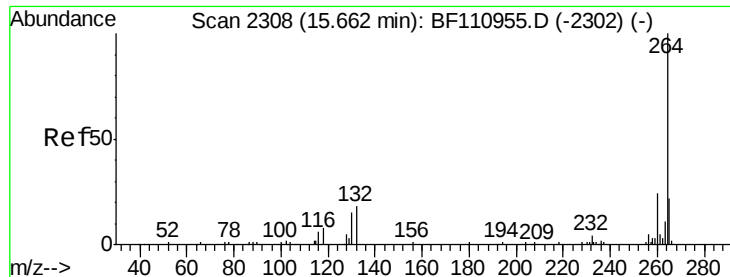
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.589 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.02 min
Lab File: BF111038.D
Acq: 28 Nov 2018 5:16

Tgt Ion:276 Resp: 145848
Ion Ratio Lower Upper
276 100
138 24.6 18.5 27.7
277 24.9 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: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

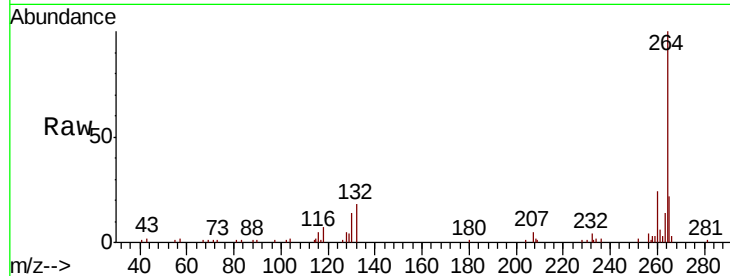
Tgt Ion:264 Resp: 65178

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

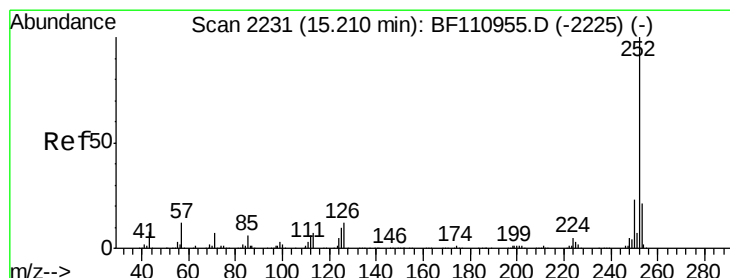
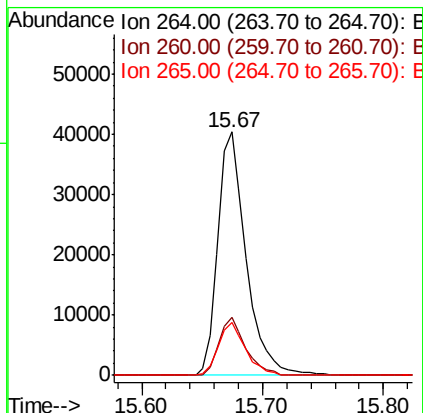
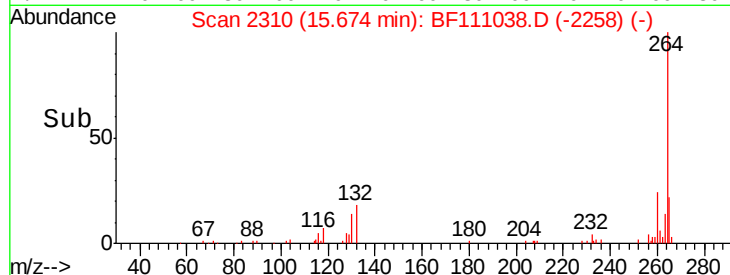
265 21.6 16.7 25.1



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: 39.405 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

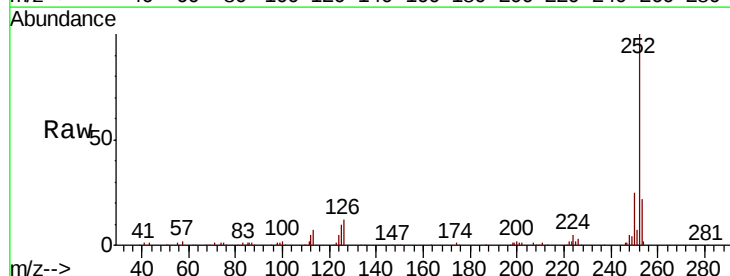
Tgt Ion:252 Resp: 150880

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

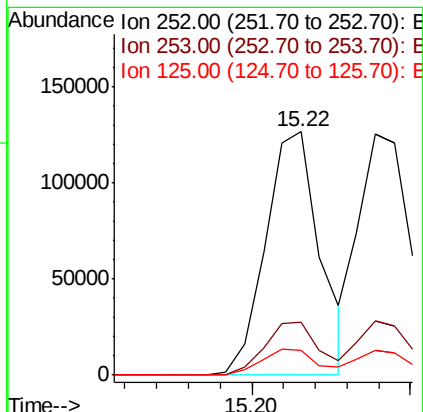
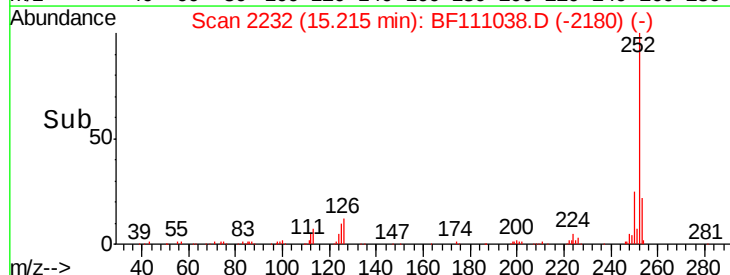
125 10.3 8.2 12.4

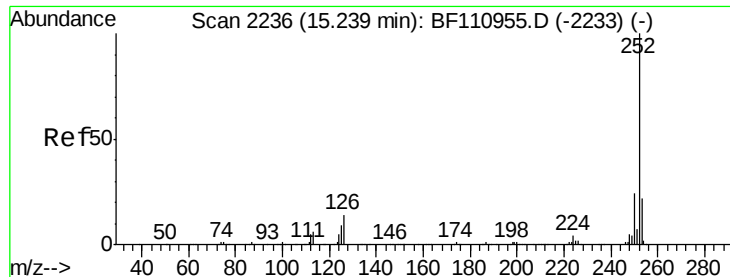


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.492 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

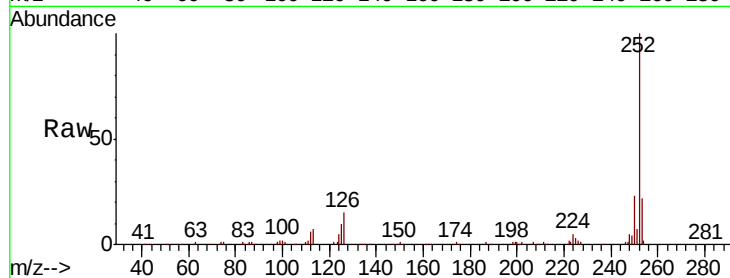
Tgt Ion:252 Resp: 151702

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

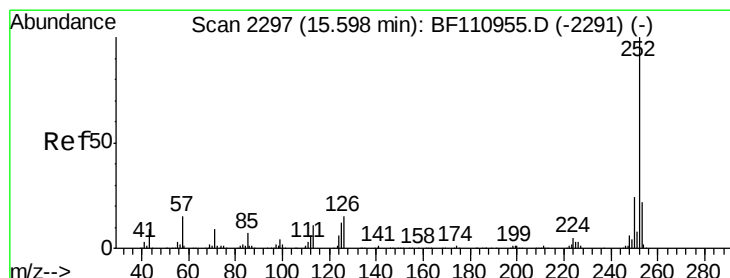
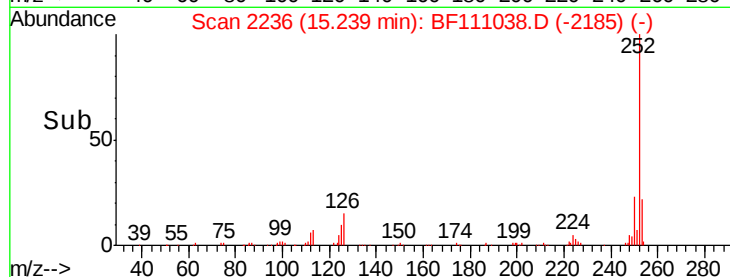
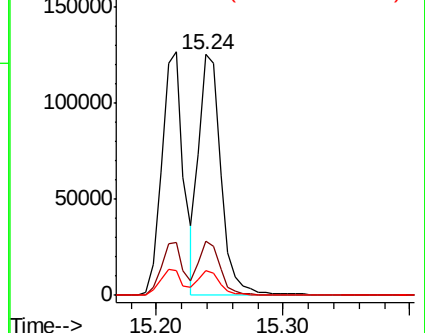
125 10.2 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.323 ng

RT: 15.61 min Scan# 2299

Delta R.T. 0.01 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

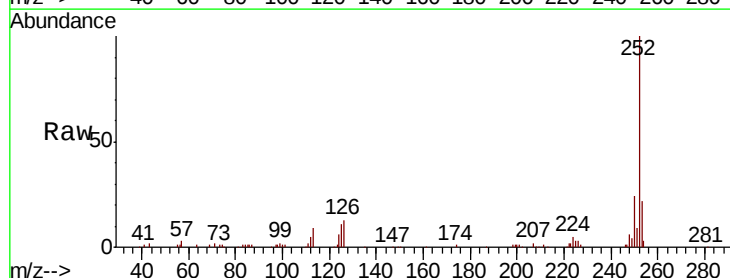
Tgt Ion:252 Resp: 140153

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

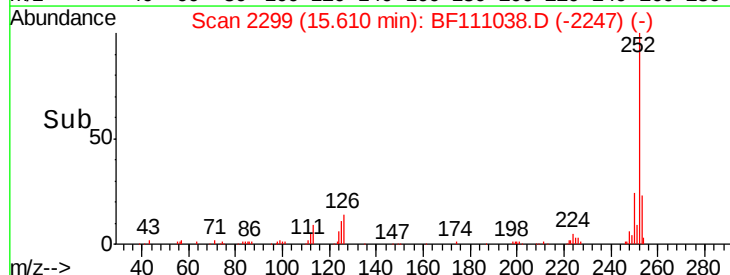
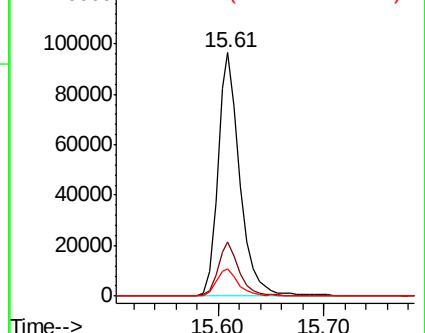
125 11.1 9.0 13.6

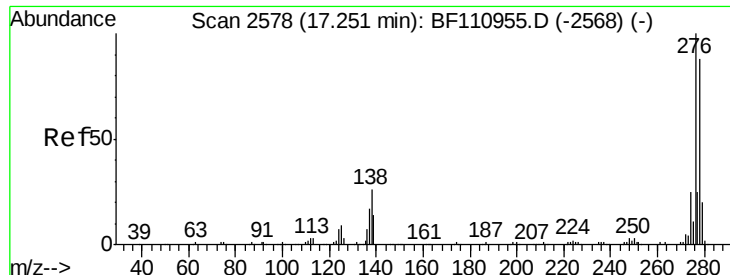


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.329 ng

RT: 17.27 min Scan# 2581

Delta R.T. 0.02 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

Instrument :

BNA_F

ClientSampleId :

PB115099BSD

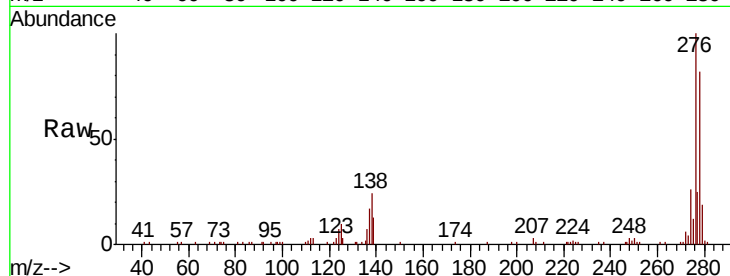
Tgt Ion:278 Resp: 121535

Ion Ratio Lower Upper

278 100

139 15.4 12.7 19.1

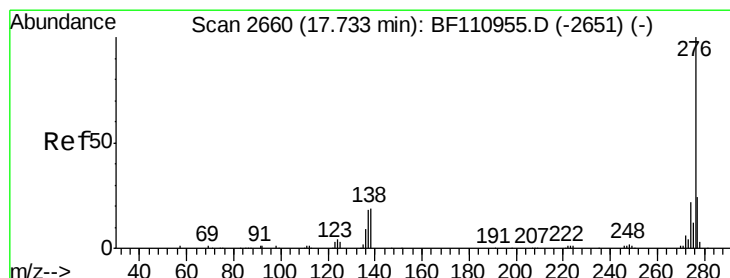
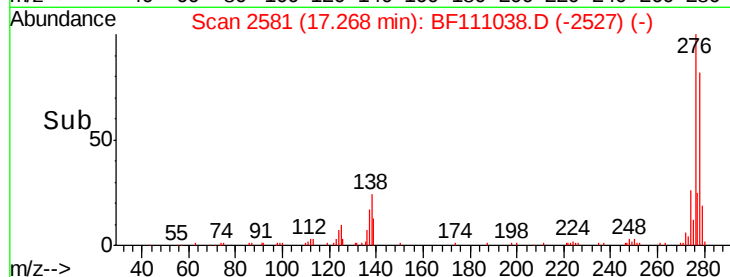
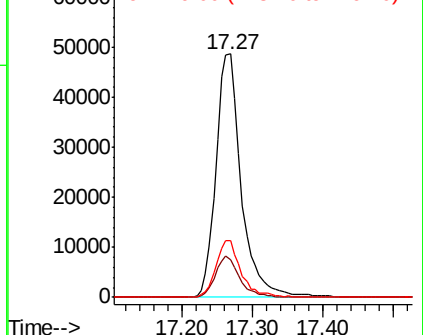
279 23.3 19.0 28.4



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: 42.248 ng

RT: 17.76 min Scan# 2664

Delta R.T. 0.02 min

Lab File: BF111038.D

Acq: 28 Nov 2018 5:16

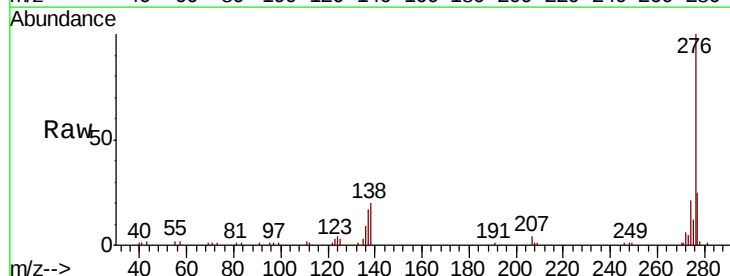
Tgt Ion:276 Resp: 119789

Ion Ratio Lower Upper

276 100

277 24.5 18.8 28.2

138 20.4 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

