

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101236.D
 Acq On : 8 Dec 2017 15:29
 Operator : SJ/JU
 Sample : PB104832BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 08 18:18:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	46065	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	179466	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	88155	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	183404	20.00	ng	0.00
75) Chrysene-d12	14.00	240	160643	20.00	ng	0.00
86) Perylene-d12	15.47	264	128209	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	285932	102.57	ng	0.01
7) Phenol-d6	6.46	99	343371	101.45	ng	0.00
23) Nitrobenzene-d5	7.39	82	211263	70.22	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	105518	99.64	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	483381	75.02	ng	0.00
78) Terphenyl-d14	12.94	244	531246	72.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	34319	29.771	ng	# 94
3) Pyridine	3.42	79	93249	31.205	ng	91
4) n-Nitrosodimethylamine	3.37	42	50097	34.324	ng	86
6) Aniline	6.49	93	84572	19.216	ng	100
8) 2-Chlorophenol	6.61	128	103142	33.933	ng	97
9) Benzaldehyde	6.37	77	36118	17.436	ng	98
10) Phenol	6.47	94	121218	32.210	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	89761	31.798	ng	98
12) 1,3-Dichlorobenzene	6.76	146	119631	33.801	ng	96
13) 1,4-Dichlorobenzene	6.84	146	121391	33.128	ng	98
14) 1,2-Dichlorobenzene	6.99	146	111172	32.527	ng	96
15) Benzyl Alcohol	6.97	79	86248	32.994	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	144941	37.774	ng	93
17) 2-Methylphenol	7.08	107	84687	34.505	ng	96
18) Hexachloroethane	7.33	117	39643	33.674	ng	# 88
19) n-Nitroso-di-n-propylamine	7.23	70	70200	30.798	ng	93
20) 3+4-Methylphenols	7.23	107	108078	33.765	ng	# 70
22) Acetophenone	7.23	105	136476	31.477	ng	# 86
24) Nitrobenzene	7.41	77	102008	34.596	ng	98
25) Isophorone	7.65	82	187420	36.471	ng	99
26) 2-Nitrophenol	7.73	139	55925	34.551	ng	91
27) 2,4-Dimethylphenol	7.76	122	92984	39.712	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	114664	33.199	ng	98
29) 2,4-Dichlorophenol	7.97	162	90940	35.681	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	97562	34.812	ng	95
31) Naphthalene	8.13	128	302127	34.158	ng	99
32) Benzoic acid	7.89	122	47538	26.104	ng	95
33) 4-Chloroaniline	8.18	127	50722	14.272	ng	98
34) Hexachlorobutadiene	8.24	225	58079	33.789	ng	99
35) Caprolactam	8.55	113	14809	18.644	ng	90
36) 4-Chloro-3-methylphenol	8.67	107	92580	35.067	ng	100
37) 2-Methylnaphthalene	8.82	142	211139	35.131	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	97821	30.545	ng	# 97
40) Hexachlorocyclopentadiene	8.97	237	61146	55.205	ng	96

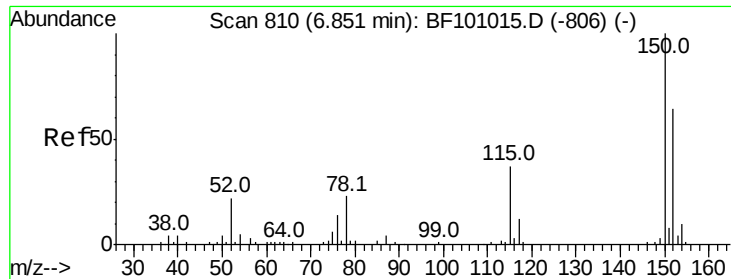
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120817\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	64188	34.191	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	69858	34.807	nq	93
45) 1,1'-Biphenyl	9.29	154	247061	30.589	nq	97
46) 2-Chloronaphthalene	9.31	162	198150	34.545	nq	96
47) 2-Nitroaniline	9.41	65	56420	33.246	nq	97
48) Acenaphthylene	9.73	152	305580	32.417	nq	99
49) Dimethylphthalate	9.59	163	231345	32.540	nq	98
50) 2,6-Dinitrotoluene	9.65	165	51003	34.061	nq	97
51) Acenaphthene	9.90	154	181630	32.178	nq	99
52) 3-Nitroaniline	9.82	138	33933	20.151	nq	98
53) 2,4-Dinitrophenol	9.94	184	34555	46.995	nq #	20
54) Dibenzofuran	10.07	168	272346	33.482	nq	99
55) 4-Nitrophenol	9.99	139	67848	59.743	nq	97
56) 2,4-Dinitrotoluene	10.06	165	68613	34.190	nq #	95
57) Fluorene	10.42	166	224050	33.883	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	53719	33.429	nq #	90
59) Diethylphthalate	10.29	149	227688	32.469	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	108751	33.310	nq	90
61) 4-Nitroaniline	10.45	138	53726	30.735	nq	92
62) Azobenzene	10.56	77	199451	33.515	nq	95
64) 4,6-Dinitro-2-methylphenol	10.47	198	28310	23.014	nq	89
65) n-Nitrosodiphenylamine	10.53	169	202572	31.308	nq	96
66) 4-Bromophenyl-phenylether	10.89	248	67822	33.037	nq	90
67) Hexachlorobenzene	10.96	284	71445	32.472	nq #	91
68) Atrazine	11.05	200	68904	34.717	nq	98
69) Pentachlorophenol	11.16	266	63678	52.637	nq	99
70) Phenanthrene	11.38	178	337168	33.383	nq	97
71) Anthracene	11.43	178	346307	33.878	nq	99
72) Carbazole	11.59	167	302272	32.364	nq	98
73) Di-n-butylphthalate	11.91	149	376194	32.136	nq	98
74) Fluoranthene	12.57	202	364355	32.544	nq	96
76) Benzidine	12.69	184	136902	26.207	nq	97
77) Pyrene	12.80	202	375209	33.849	nq	100
79) Butylbenzylphthalate	13.41	149	159779	32.693	nq	91
80) Benzo(a)anthracene	13.99	228	338023	33.327	nq	97
81) 3,3'-Dichlorobenzidine	13.95	252	60726	17.288	nq #	94
82) Chrysene	14.03	228	319532	33.921	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	224039	32.151	nq	99
84) Di-n-octyl phthalate	14.57	149	361643	31.170	nq	100
85) Indeno(1,2,3-cd)pyrene	16.94	276	221096	26.401	nq #	91
87) Benzo(b)fluoranthene	15.04	252	284956	37.107	nq	97
88) Benzo(k)fluoranthene	15.07	252	246878	32.630	nq	97
89) Benzo(a)pyrene	15.41	252	244899	35.078	nq #	97
90) Dibenzo(a,h)anthracene	16.95	278	185344	30.113	nq #	93
91) Benzo(g,h,i)perylene	17.39	276	180853	31.179	nq #	92

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

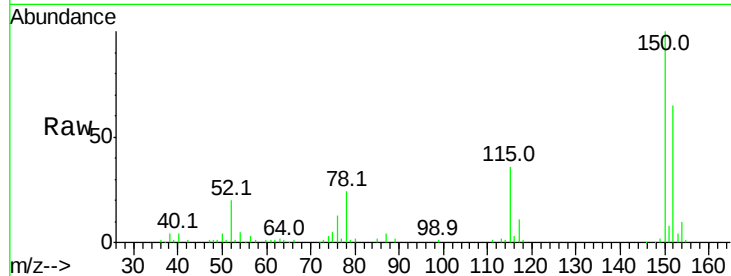


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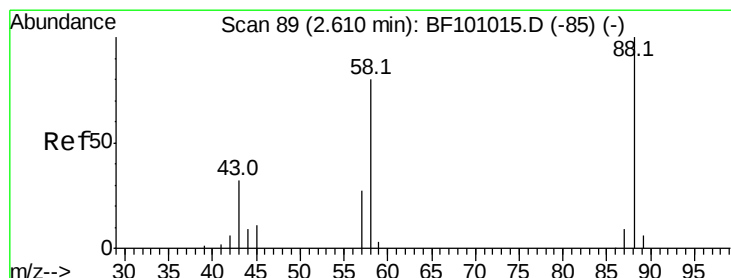
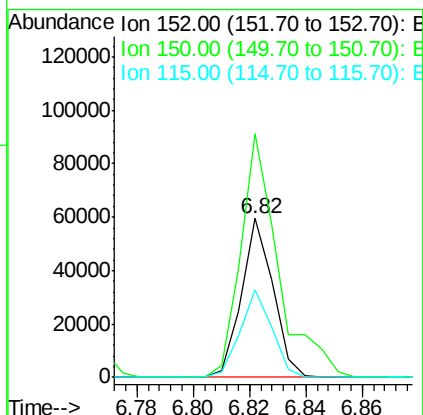
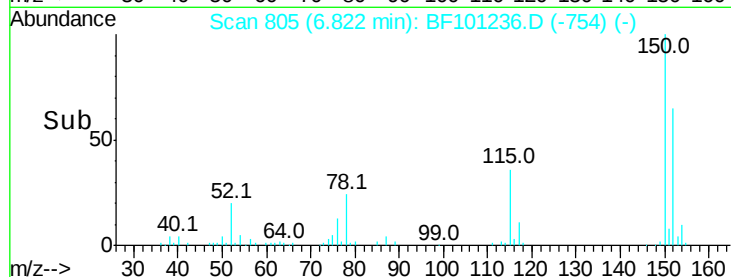
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46065
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 55.4 50.1 75.1



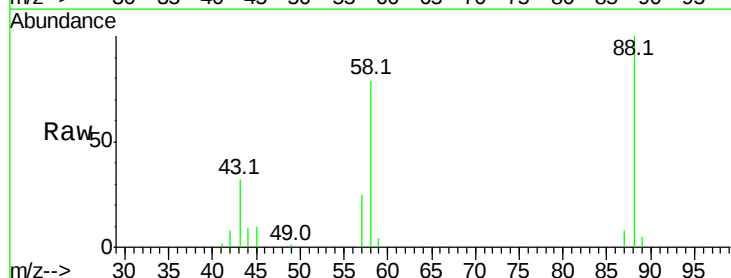
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



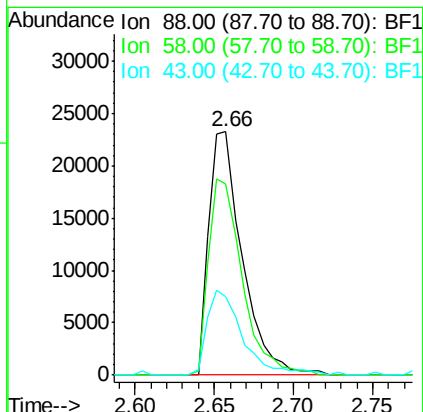
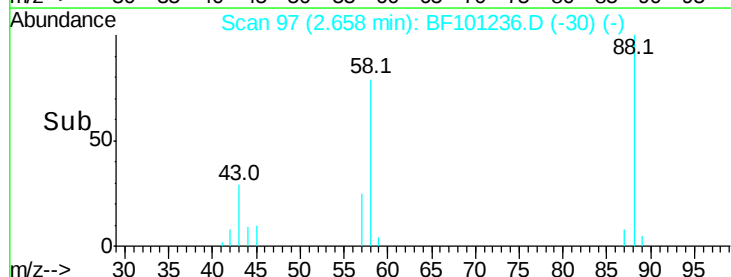
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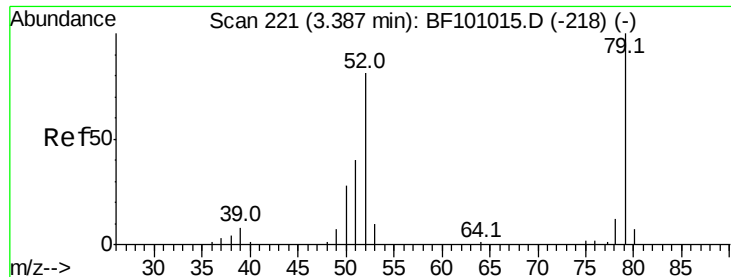
1,4-Dioxane
Concen: 29.771 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.09 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion: 88 Resp: 34319
Ion Ratio Lower Upper
88 100
58 81.3 62.6 93.8
43 37.6 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.205 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.09 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

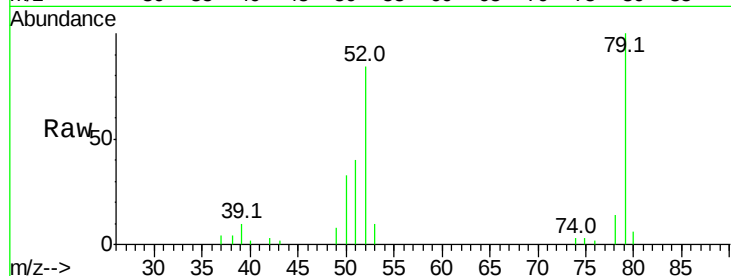
Tot Ion: 79 Resp: 93249

Ion Ratio Lower Upper

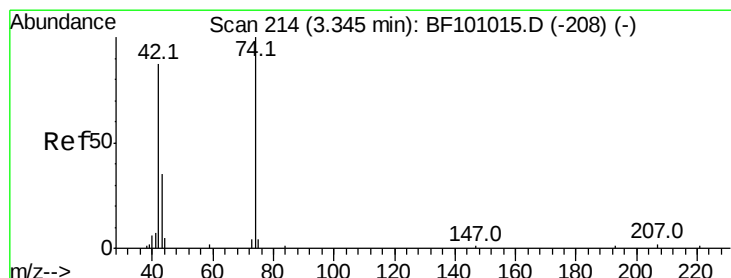
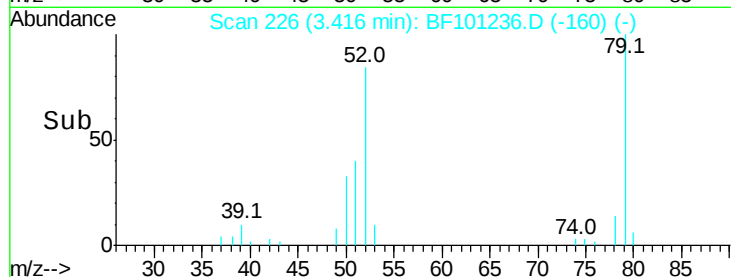
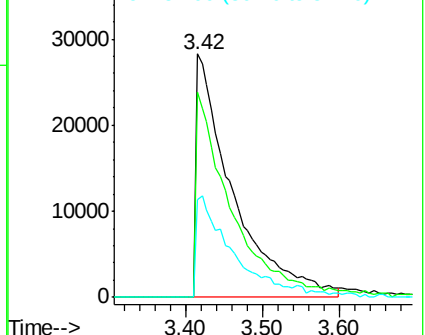
79 100

52 84.4 59.8 89.6

51 40.0 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 34.324 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

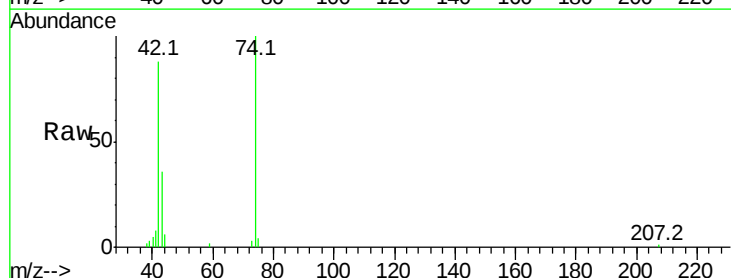
Tgt Ion: 42 Resp: 50097

Ion Ratio Lower Upper

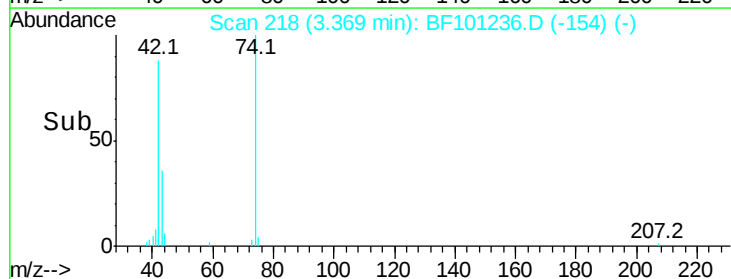
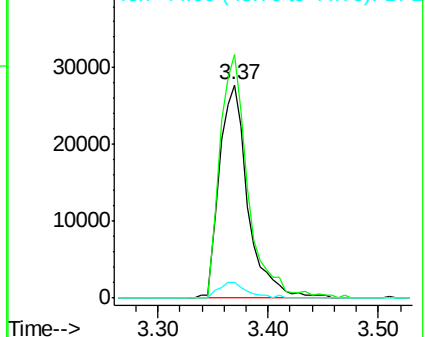
42 100

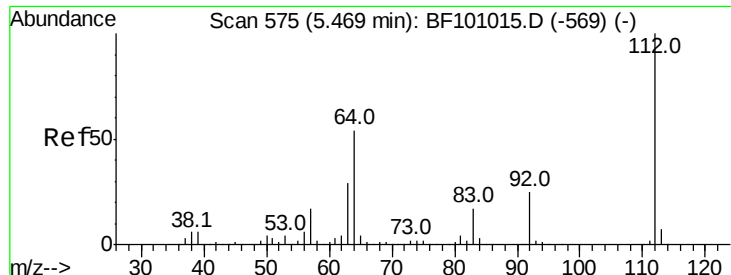
74 114.3 104.9 157.3

44 7.1 6.9 10.3



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

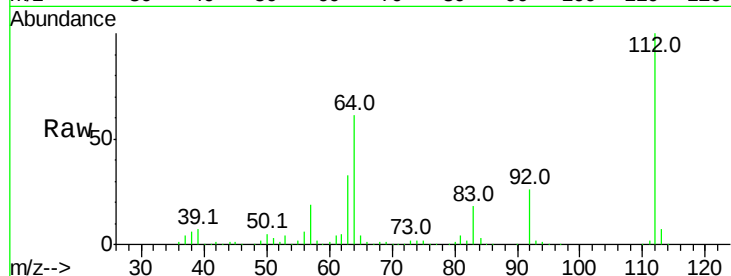




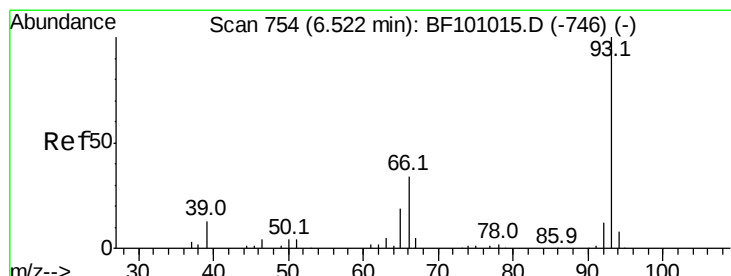
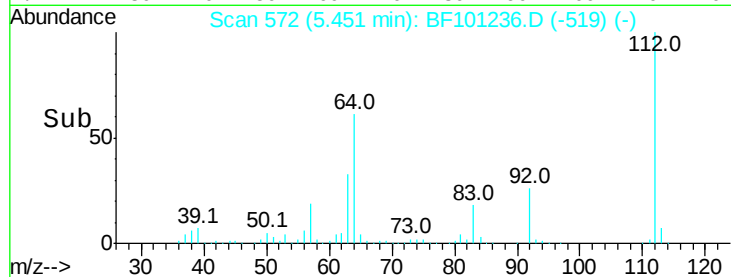
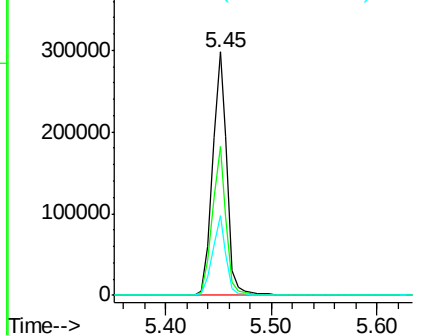
#5
 2-Fluorophenol
 Concen: 102.570 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:112 Resp: 285932
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.9 71.9
 63 32.6 23.7 35.5

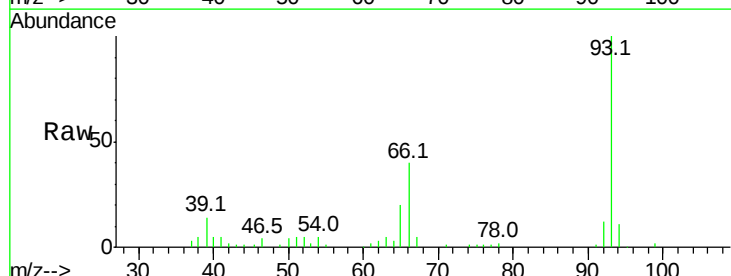


Abundance Ion 112.00 (111.70 to 112.70): BF1
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

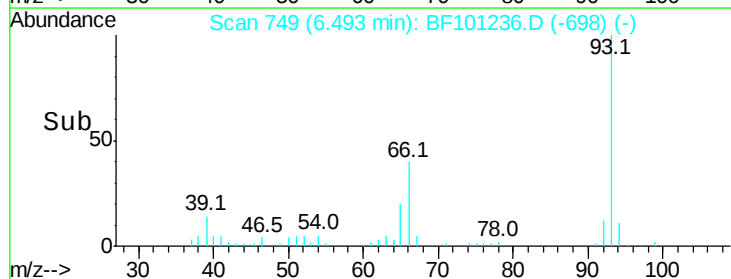
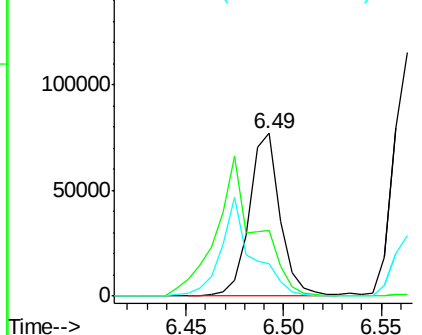


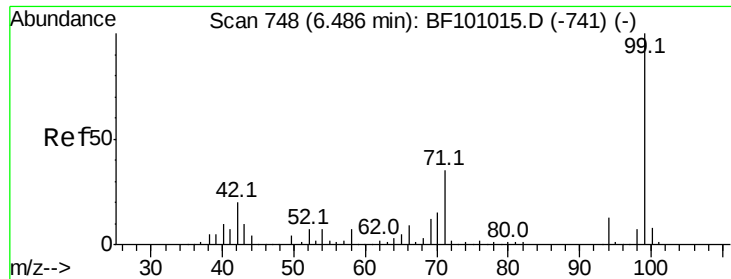
#6
 Aniline
 Concen: 19.216 ng
 RT: 6.49 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Tgt Ion: 93 Resp: 84572
 Ion Ratio Lower Upper
 93 100
 66 40.2 32.2 48.2
 65 20.3 16.4 24.6



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: 101.453 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

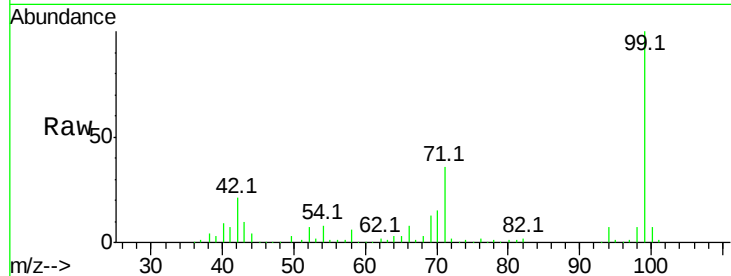
Tot Ion: 99 Resp: 343371

Ion Ratio Lower Upper

99 100

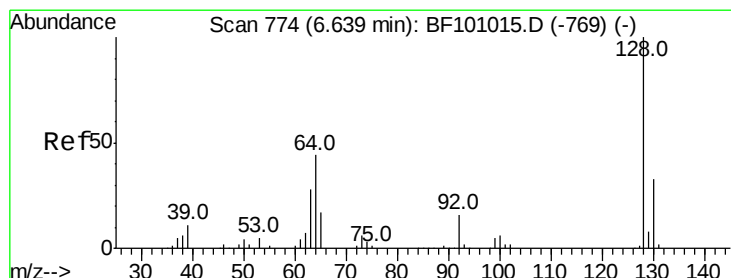
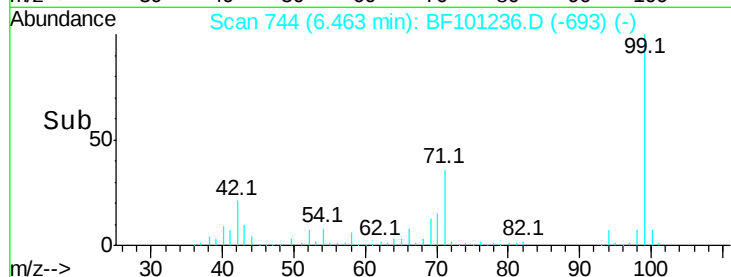
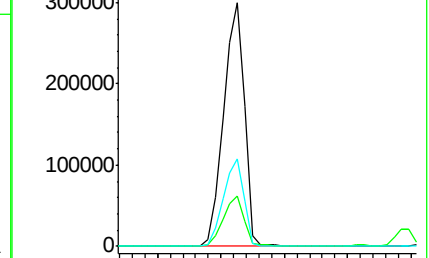
42 20.5 14.5 21.7

71 35.8 25.4 38.0



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

6.46



#8

2-Chlorophenol

Concen: 33.933 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

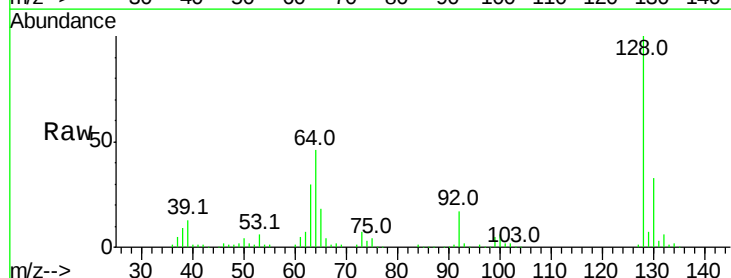
Tgt Ion: 128 Resp: 103142

Ion Ratio Lower Upper

128 100

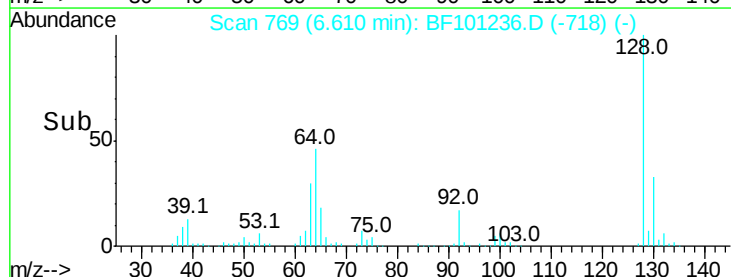
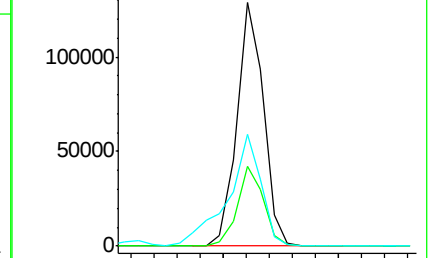
130 32.9 13.0 53.0

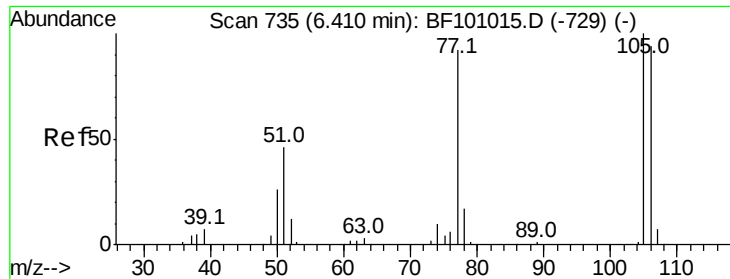
64 45.7 29.4 69.4



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

6.61

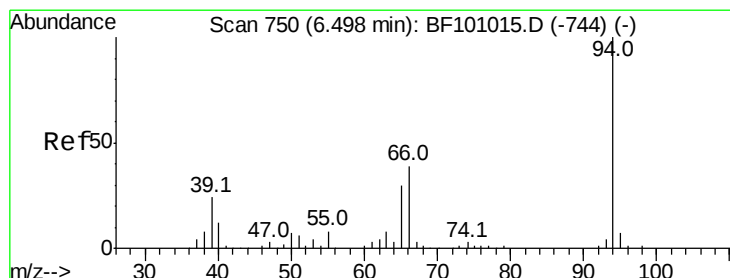
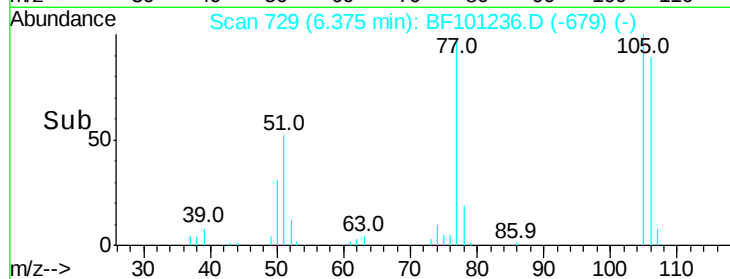
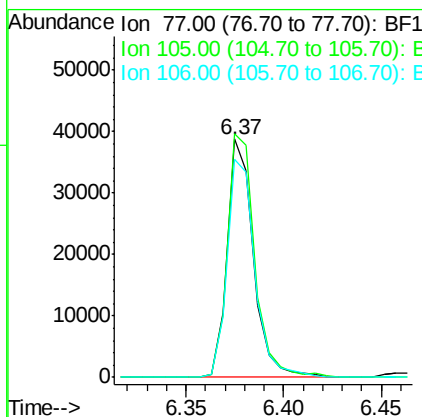
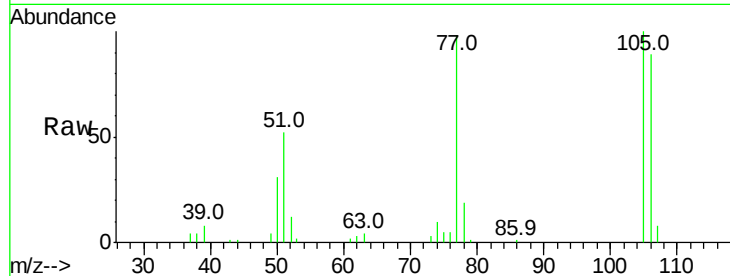




#9
Benzaldehyde
Concen: 17.436 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

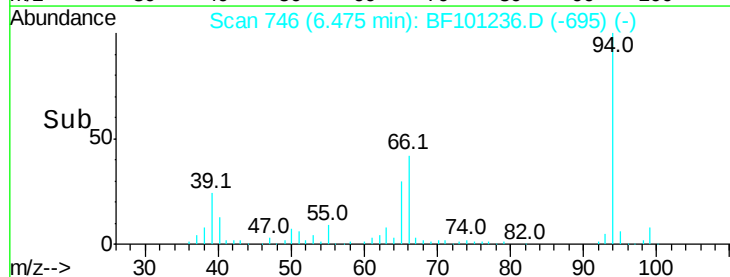
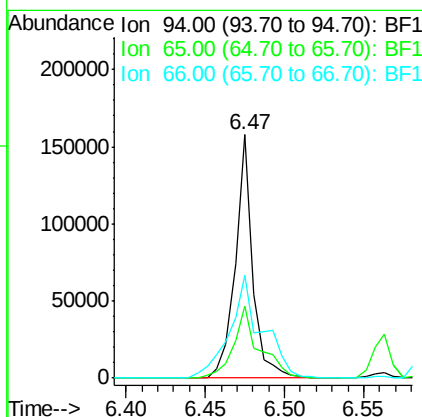
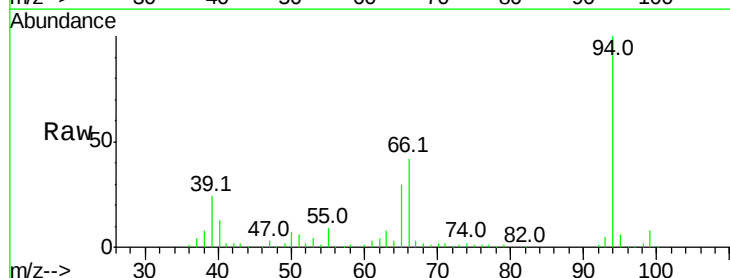
Instrument :
BNA_F
ClientSampled :

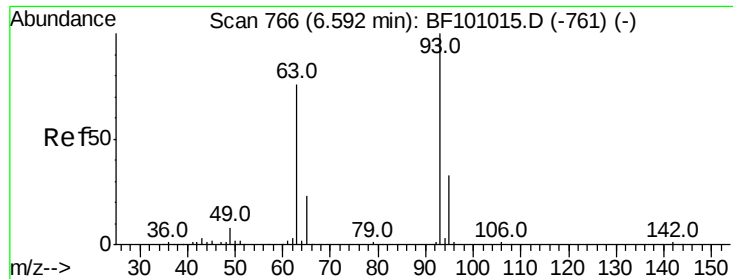
Tot Ion: 77 Resp: 36118
Ion Ratio Lower Upper
77 100
105 102.2 81.1 121.1
106 91.4 74.5 114.5



#10
Phenol
Concen: 32.210 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion: 94 Resp: 121218
Ion Ratio Lower Upper
94 100
65 29.7 7.9 47.9
66 42.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 31.798 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

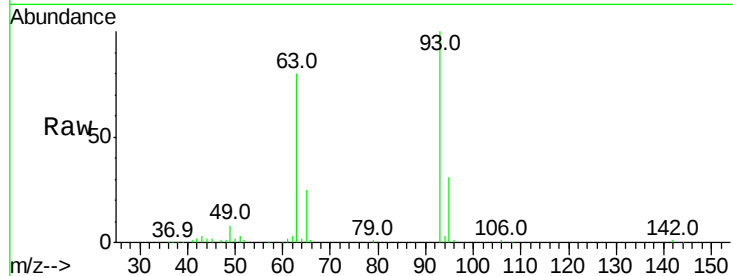
Tot Ion: 93 Resp: 89761

Ion Ratio Lower Upper

93 100

63 80.0 58.6 98.6

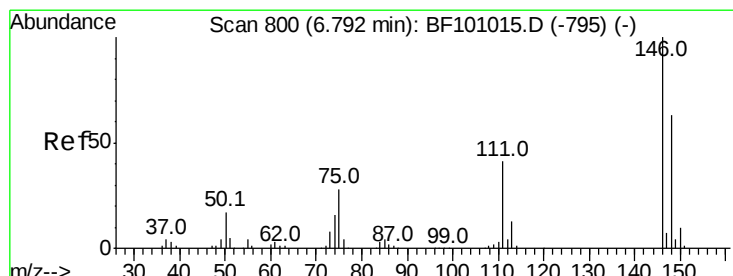
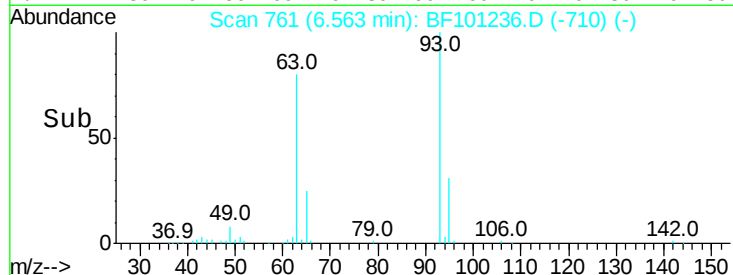
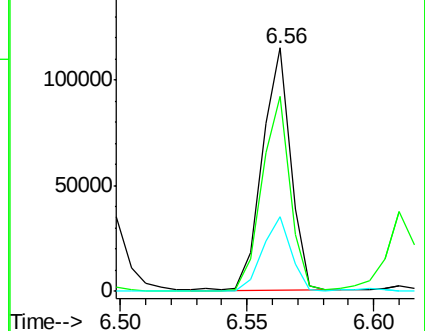
95 30.9 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 33.801 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

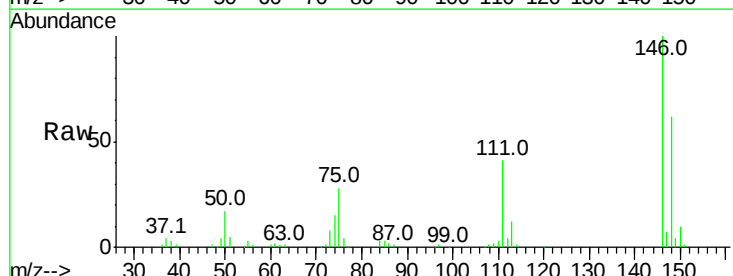
Tgt Ion: 146 Resp: 119631

Ion Ratio Lower Upper

146 100

148 62.0 51.8 77.8

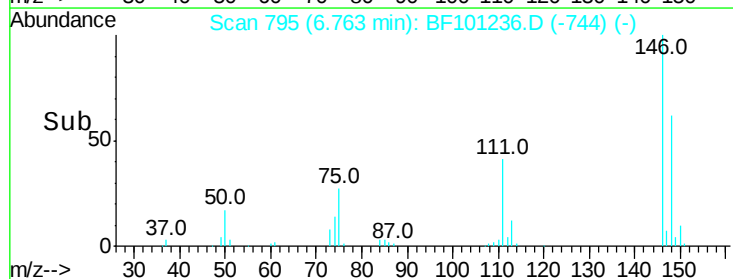
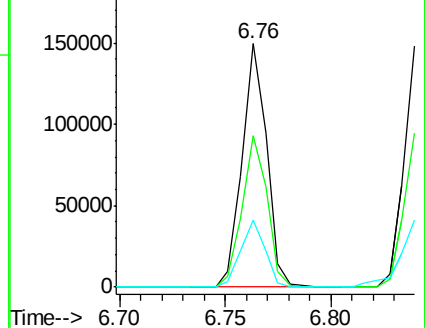
75 27.7 24.2 36.4

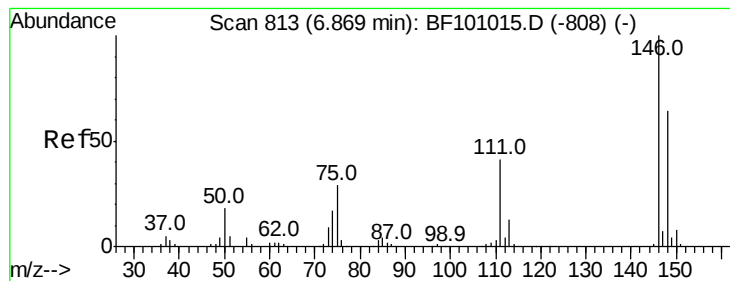


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 33.128 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

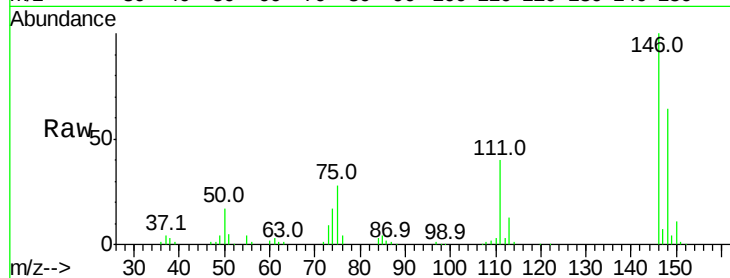
Tot Ion:146 Resp: 121391

Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

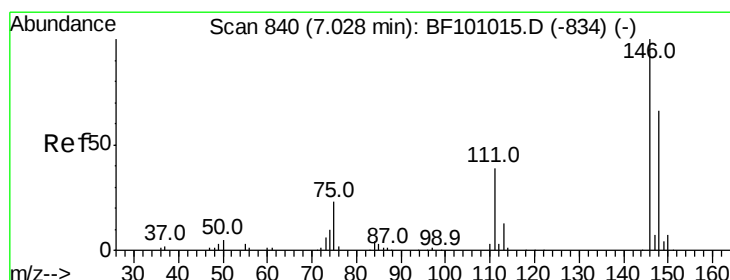
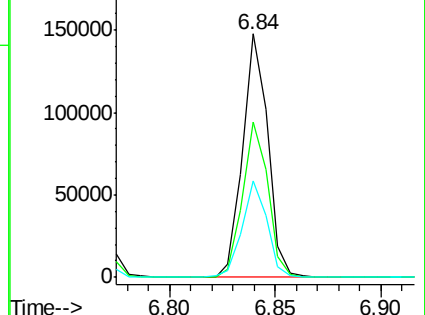
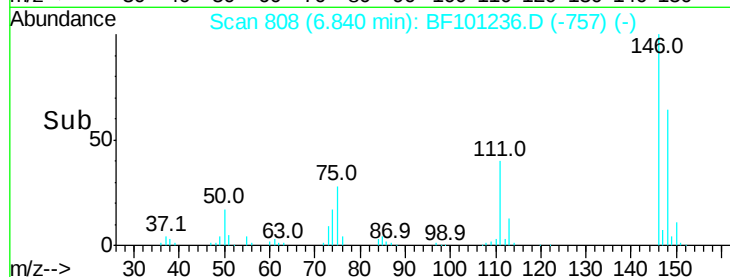
111 39.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.527 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

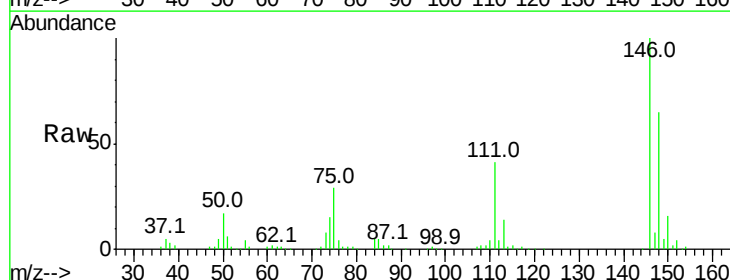
Tgt Ion:146 Resp: 111172

Ion Ratio Lower Upper

146 100

148 64.7 50.6 75.8

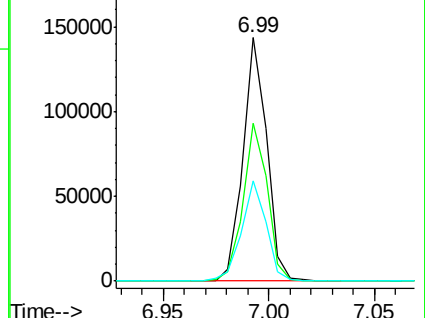
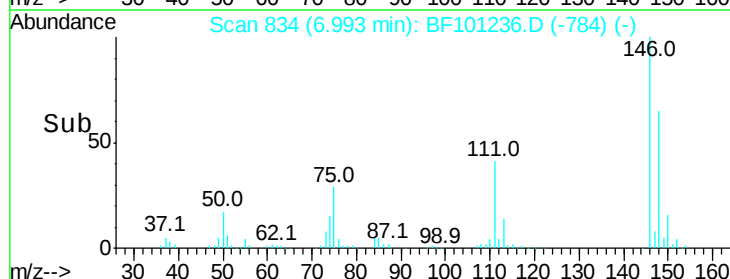
111 41.1 36.0 54.0

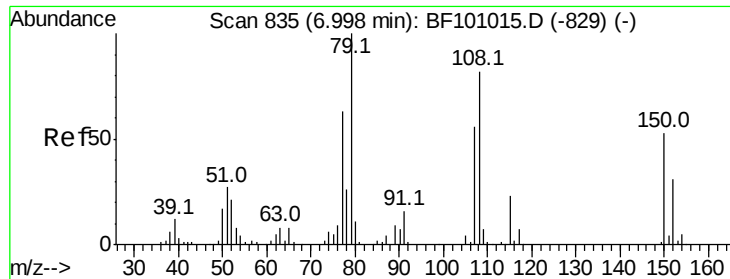


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

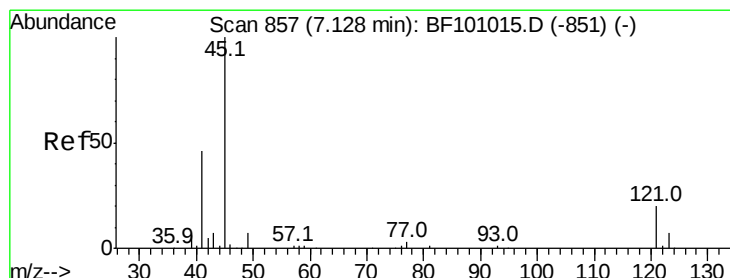
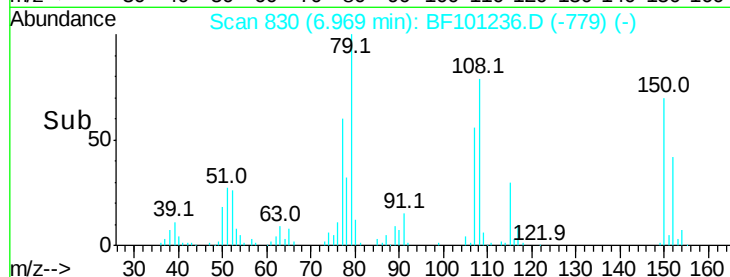
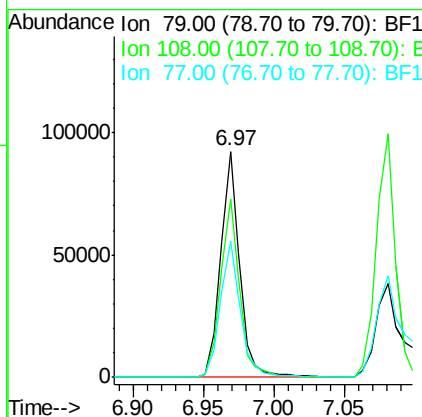
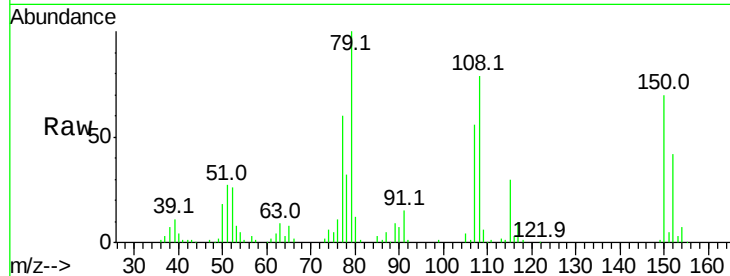




#15
Benzyl Alcohol
Concen: 32.994 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

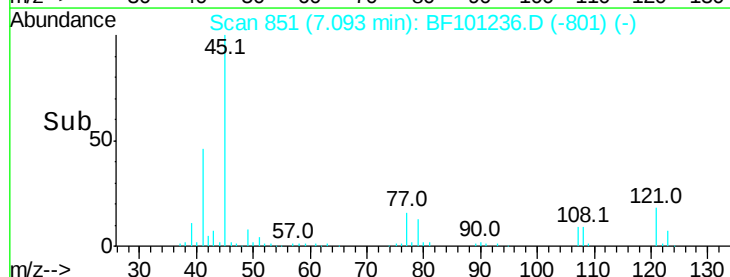
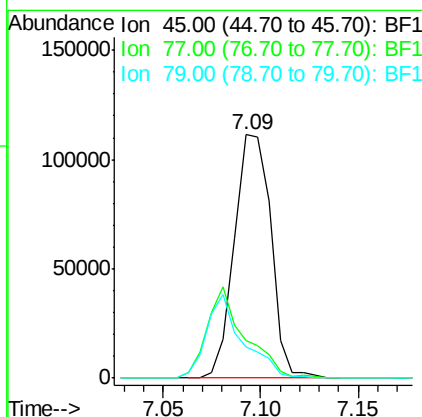
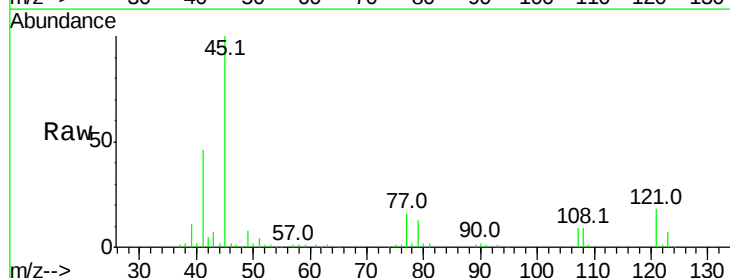
Instrument :
BNA_F
ClientSampled :

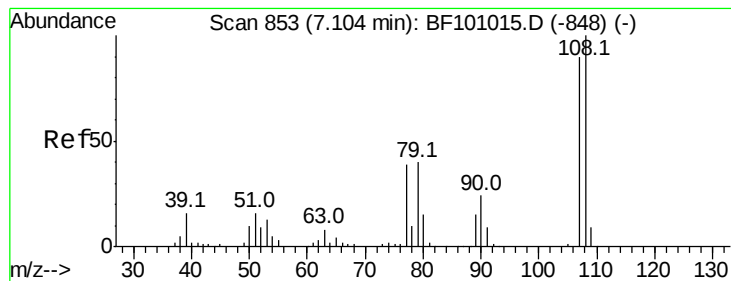
Tot Ion: 79 Resp: 86248
Ion Ratio Lower Upper
79 100
108 79.0 65.1 97.7
77 60.4 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.774 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion: 45 Resp: 144941
Ion Ratio Lower Upper
45 100
77 15.6 0.0 32.9
79 12.6 0.0 29.6





#17

2-Methylphenol

Concen: 34.505 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 84687

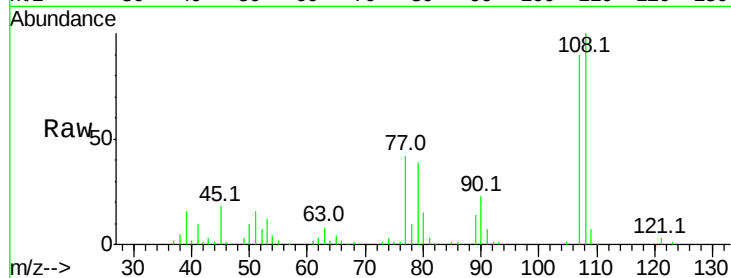
Ion Ratio Lower Upper

107 100

108 110.6 91.7 137.5

77 46.3 33.8 50.8

79 42.7 33.8 50.8

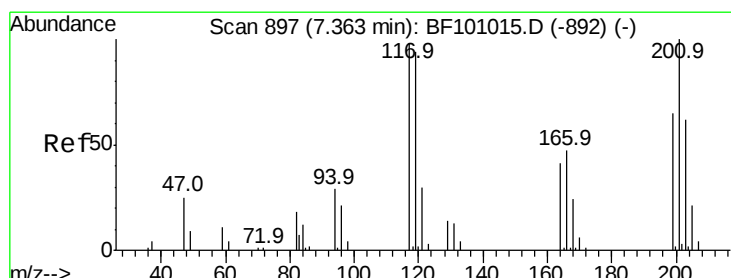
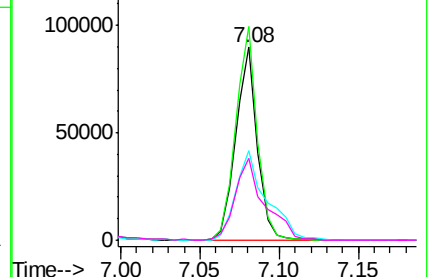
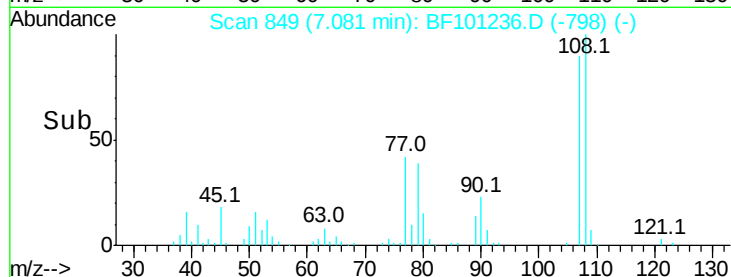


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 33.674 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

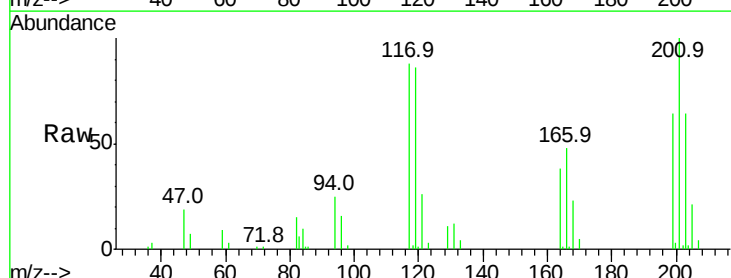
Tgt Ion:117 Resp: 39643

Ion Ratio Lower Upper

117 100

119 98.6 75.8 113.8

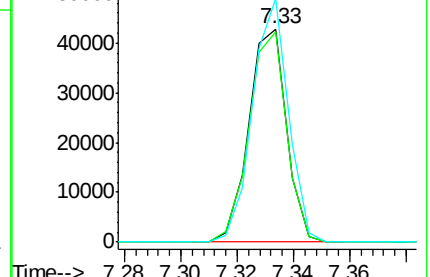
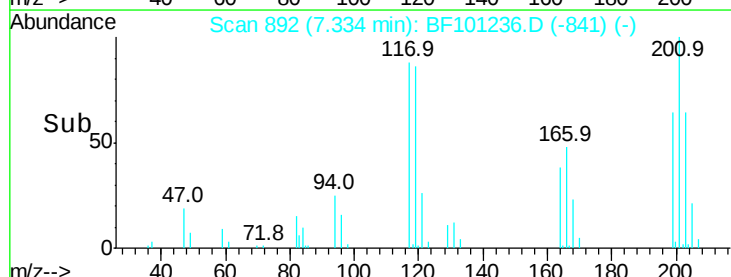
201 114.1 75.7 113.5#

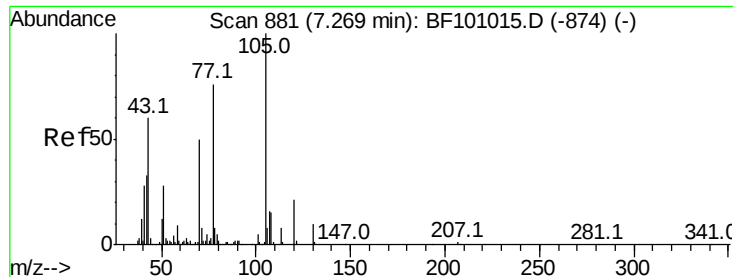


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 30.798 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 70200

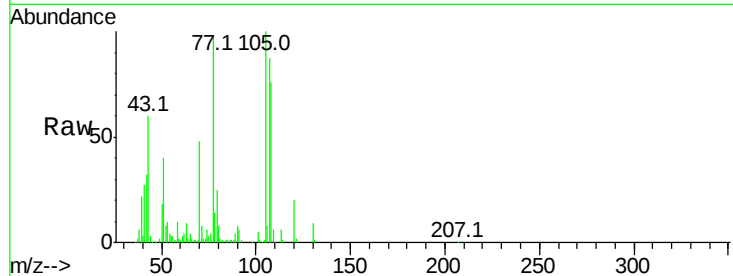
Ion Ratio Lower Upper

70 100

42 67.0 47.5 71.3

101 9.5 7.4 11.2

130 19.7 16.6 25.0

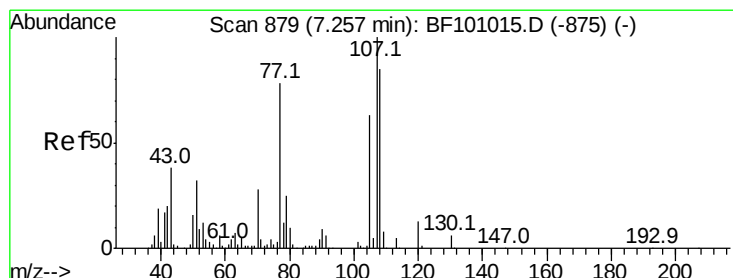
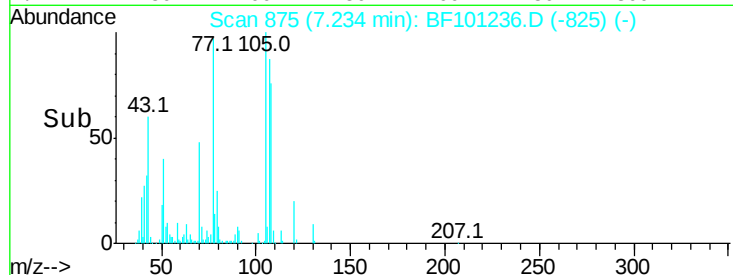
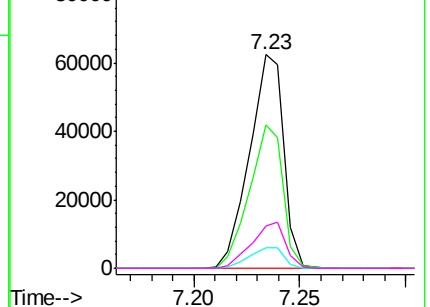


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 33.765 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Tgt Ion:107 Resp: 108078

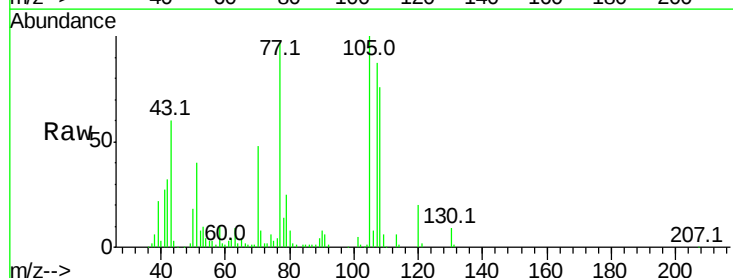
Ion Ratio Lower Upper

107 100

108 87.9 68.2 108.2

77 112.6 26.7 66.7#

79 28.8 6.3 46.3

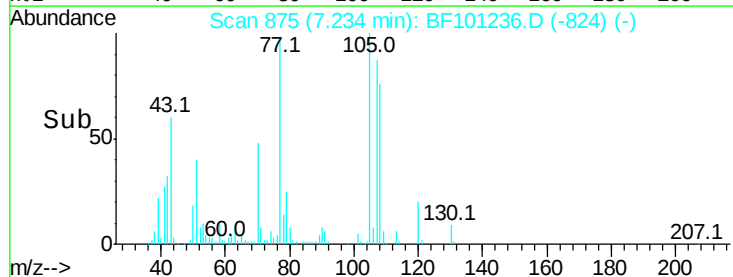
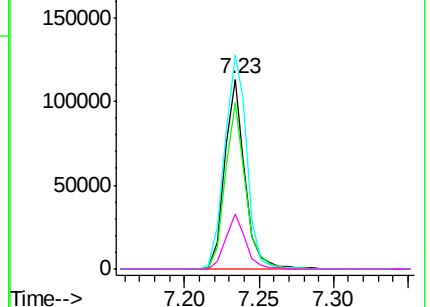


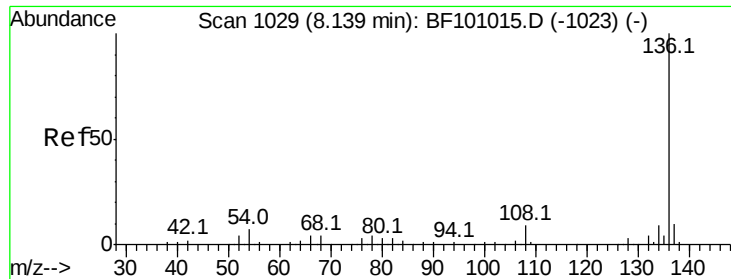
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 179466

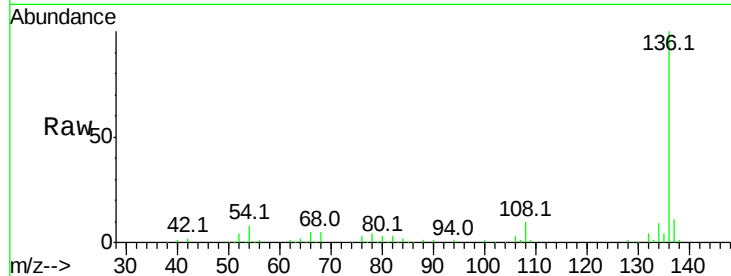
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.6 6.6 9.8

68 4.5 5.0 7.4#

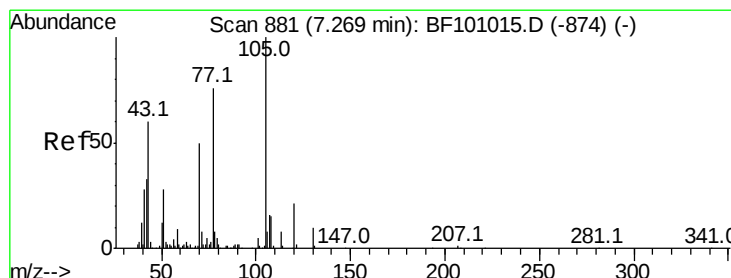
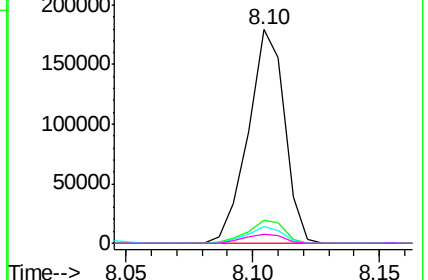
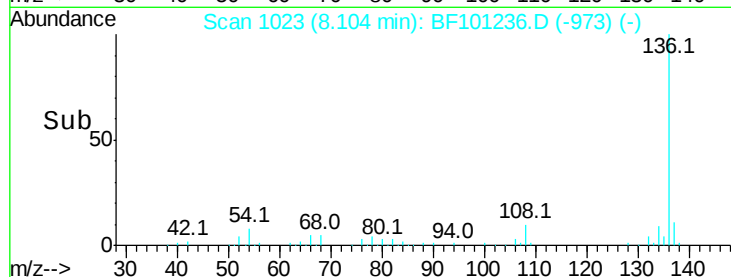


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.477 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Tgt Ion:105 Resp: 136476

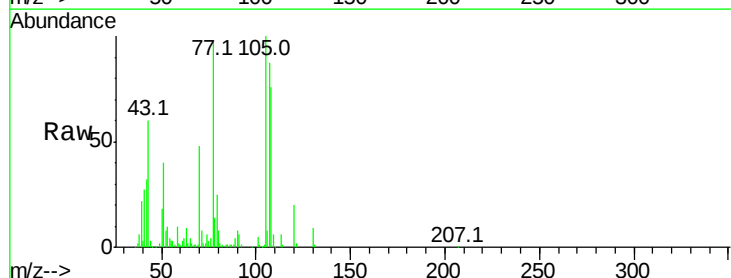
Ion Ratio Lower Upper

105 100

71 8.5 4.4 6.6#

51 40.1 22.3 33.5#

120 19.9 16.9 25.3

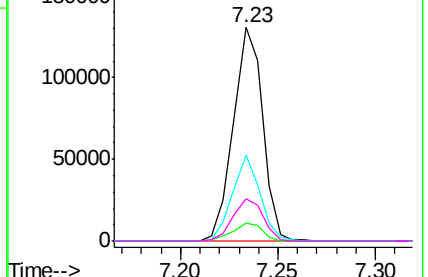
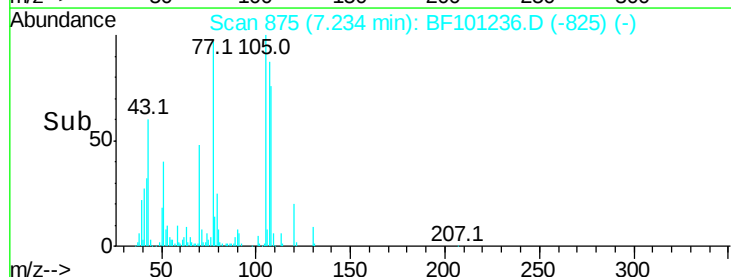


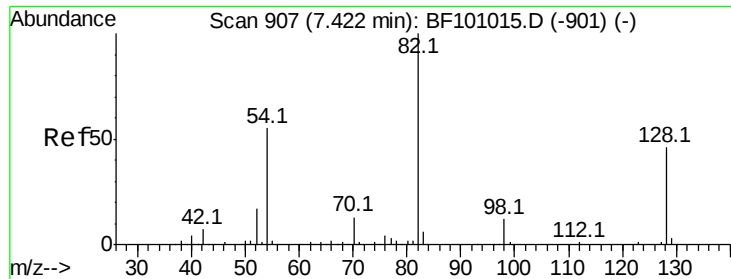
Abundance Ion 105.00 (104.70 to 105.70): E

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

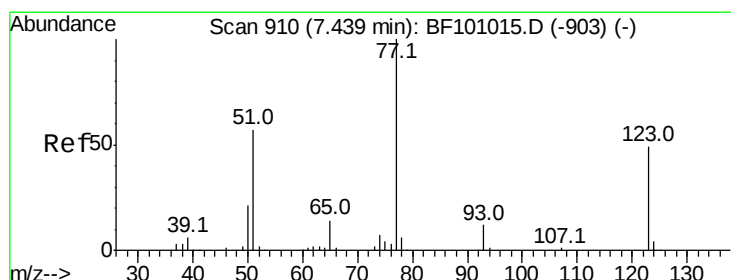
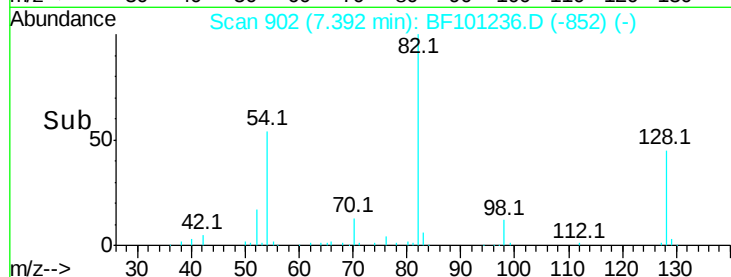
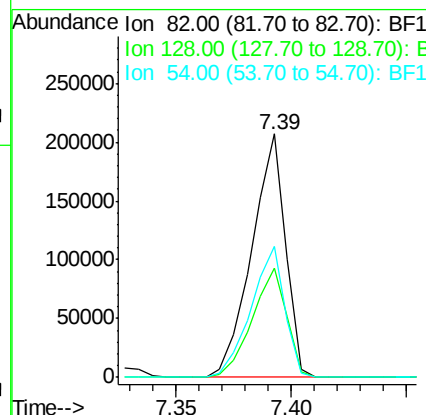
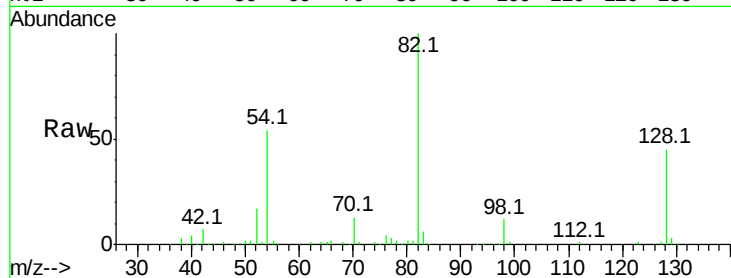




#23
 Nitrobenzene-d5
 Concen: 70.222 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

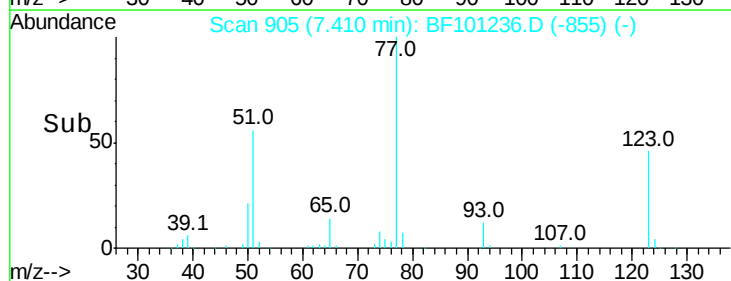
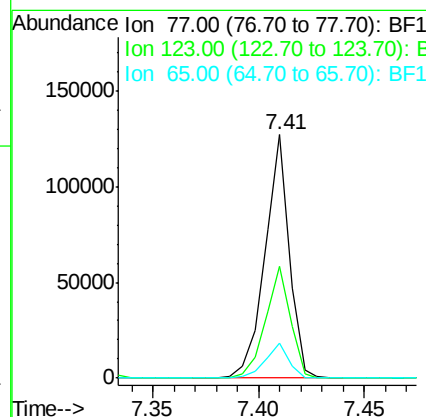
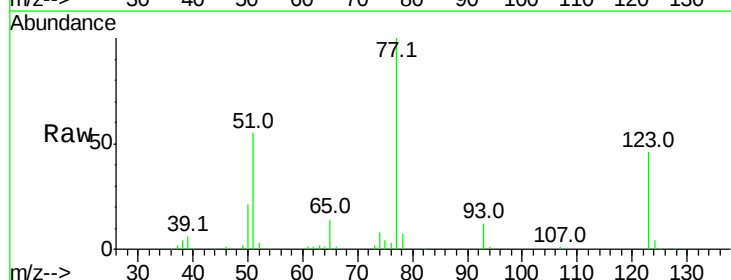
Instrument :
 BNA_F
 ClientSampleId :

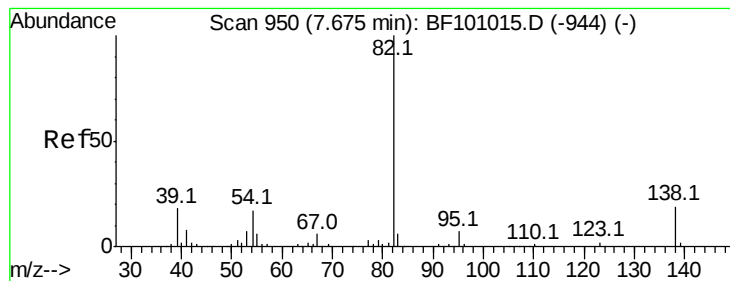
Tot Ion	82	Resp	211263
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.1	54.1
54	53.7	41.4	62.2



#24
 Nitrobenzene
 Concen: 34.596 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Tgt Ion	77	Resp	102008
Ion Ratio	Lower	Upper	
77	100		
123	45.8	37.9	56.9
65	14.2	11.0	16.4





#25

Isophorone

Concen: 36.471 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

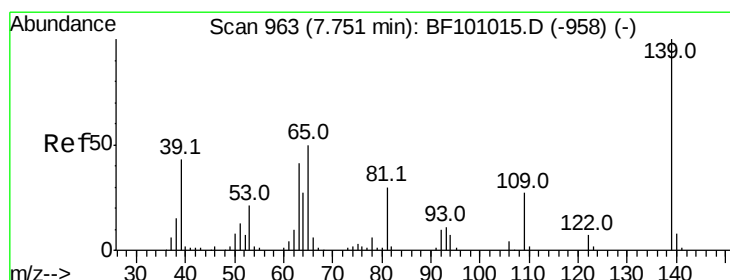
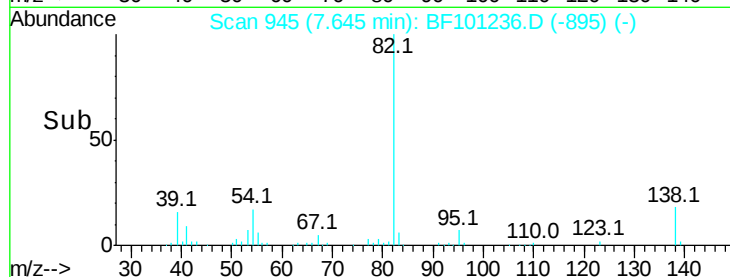
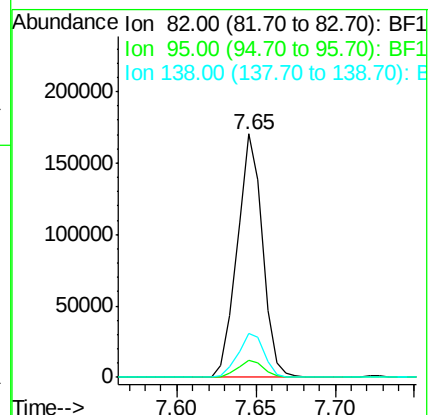
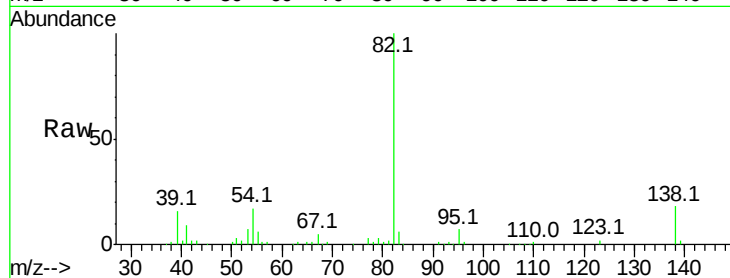
Tot Ion: 82 Resp: 187420

Ion Ratio Lower Upper

82 100

95 7.1 5.2 7.8

138 18.1 14.9 22.3



#26

2-Nitrophenol

Concen: 34.551 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

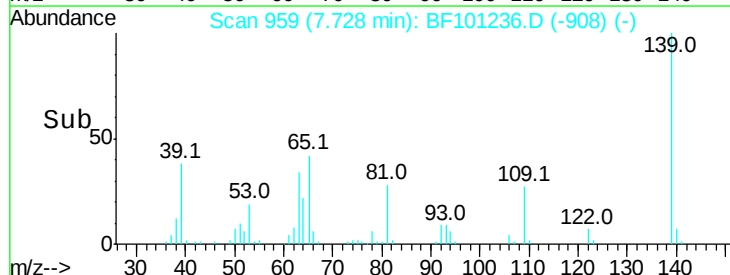
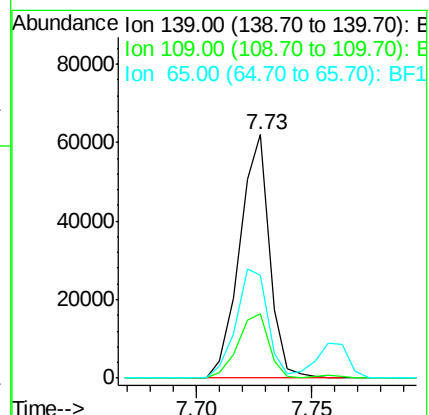
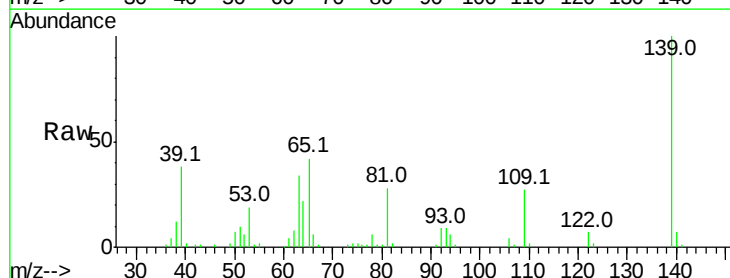
Tgt Ion: 139 Resp: 55925

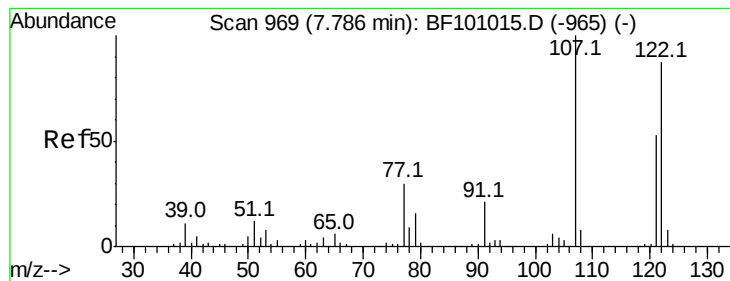
Ion Ratio Lower Upper

139 100

109 26.6 22.7 34.1

65 42.4 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.712 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampled :

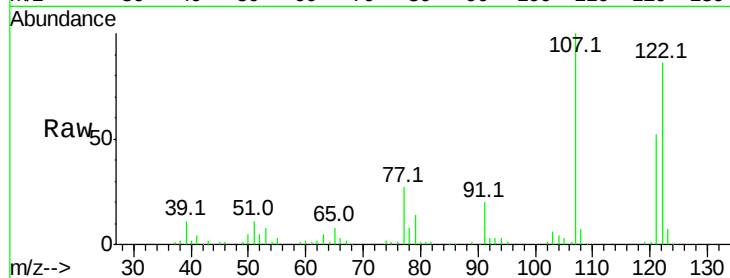
Tot Ion:122 Resp: 92984

Ion Ratio Lower Upper

122 100

107 116.2 91.2 136.8

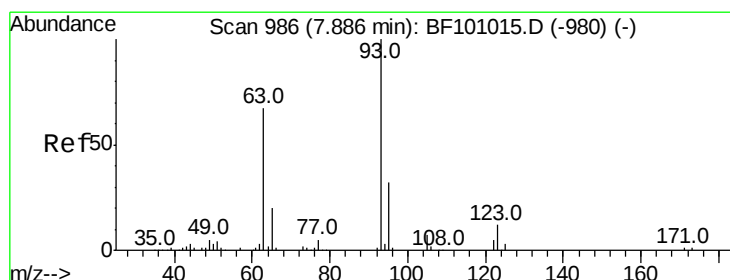
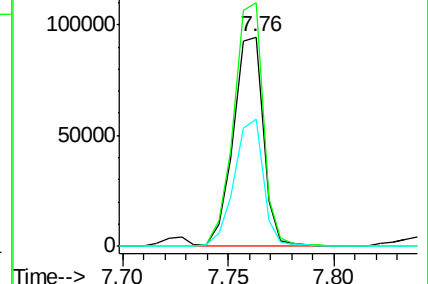
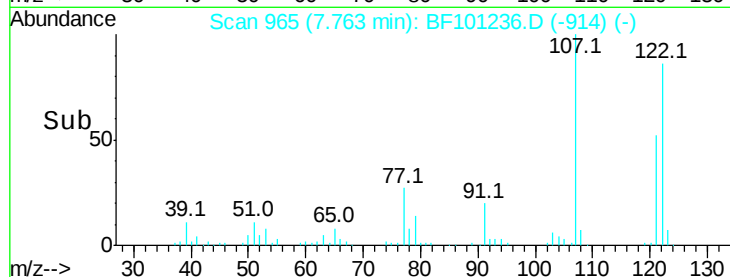
121 60.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.199 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

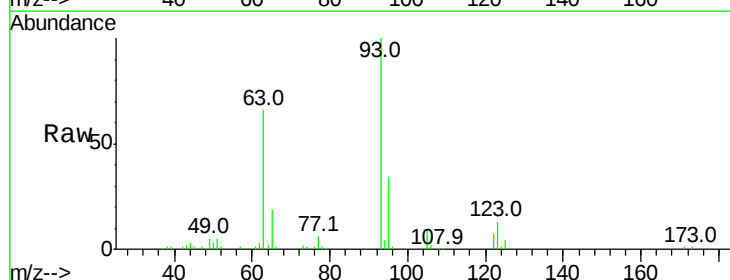
Tgt Ion: 93 Resp: 114664

Ion Ratio Lower Upper

93 100

95 34.1 26.3 39.5

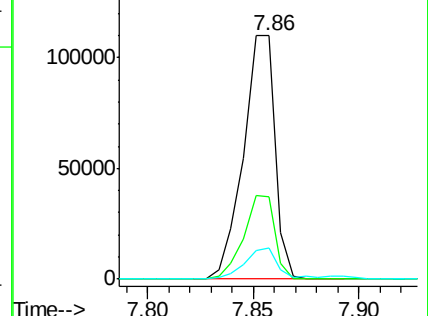
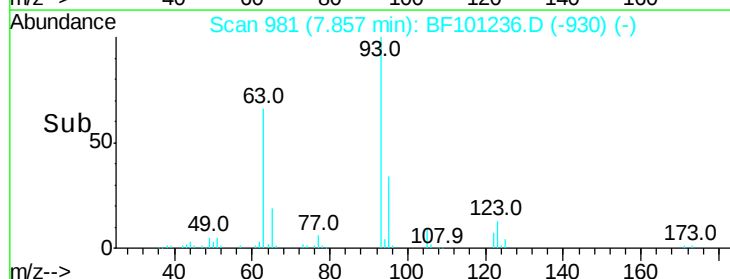
123 13.0 9.8 14.6

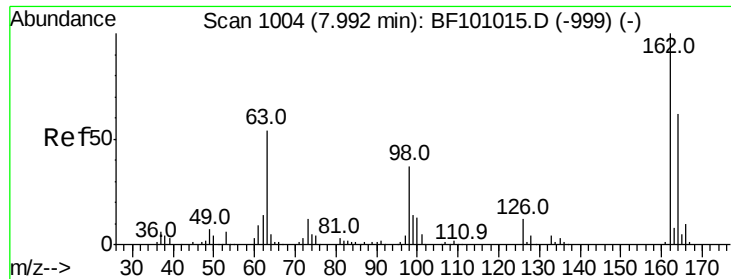


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

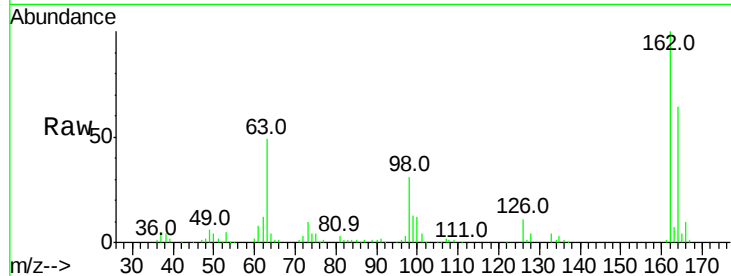




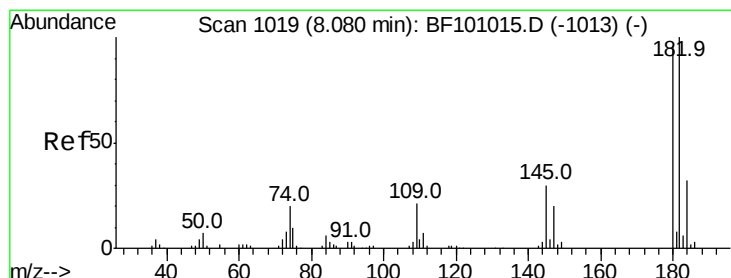
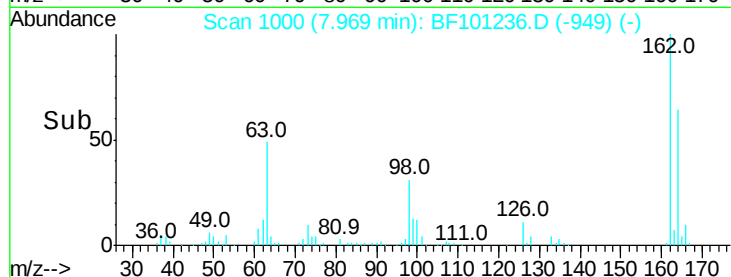
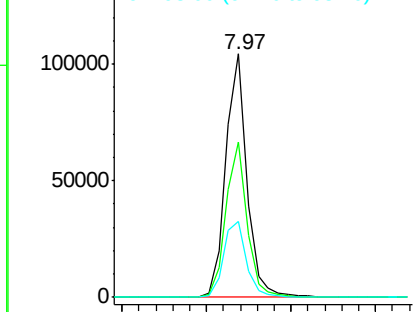
#29
 2,4-Dichlorophenol
 Concen: 35.681 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.7	82.7
98	31.0	18.1	58.1

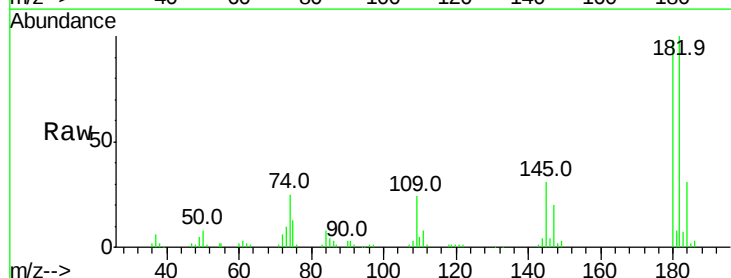


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

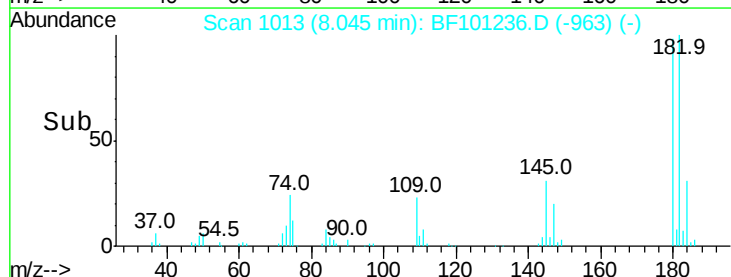
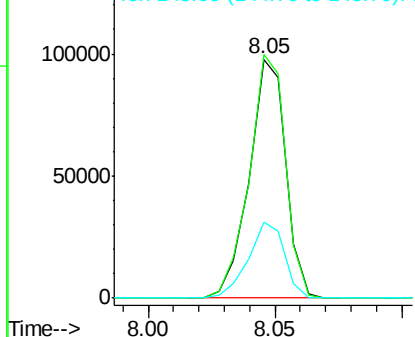


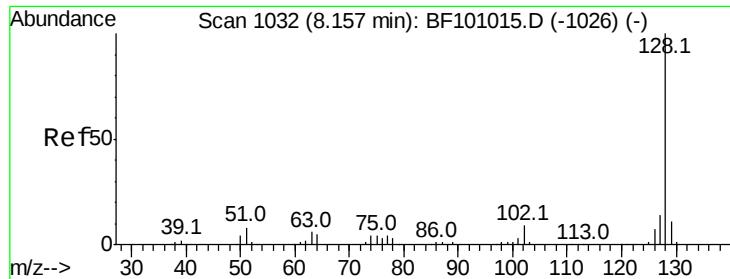
#30
 1,2,4-Trichlorobenzene
 Concen: 34.812 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.0	76.8	115.2
145	31.8	26.5	39.7



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

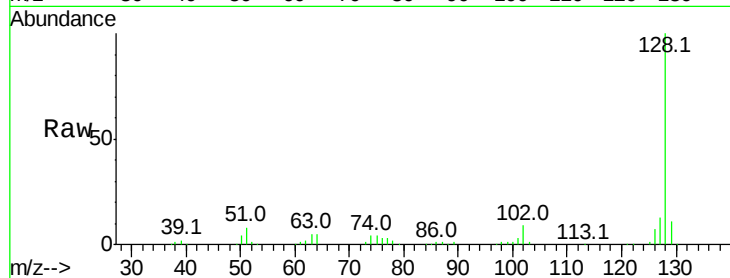




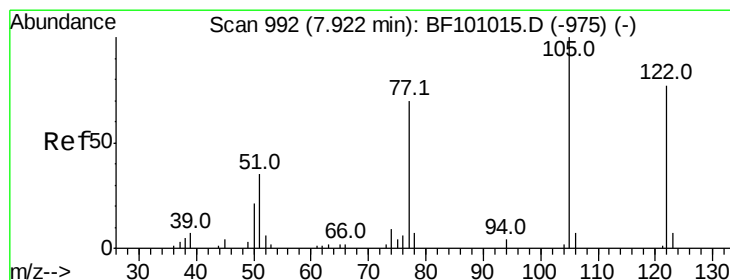
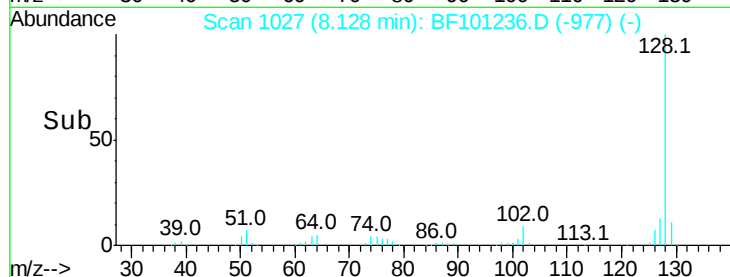
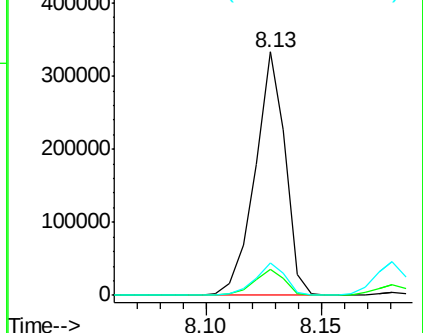
#31
Naphthalene
Concen: 34.158 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 302127
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.9 16.3

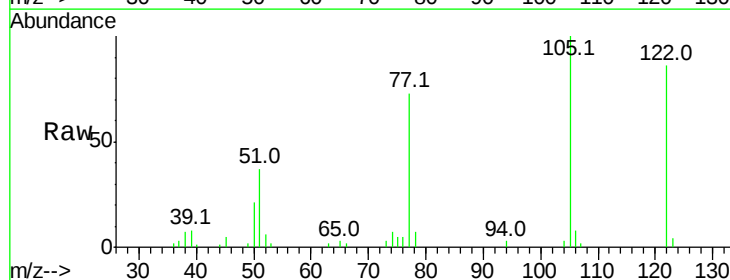


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

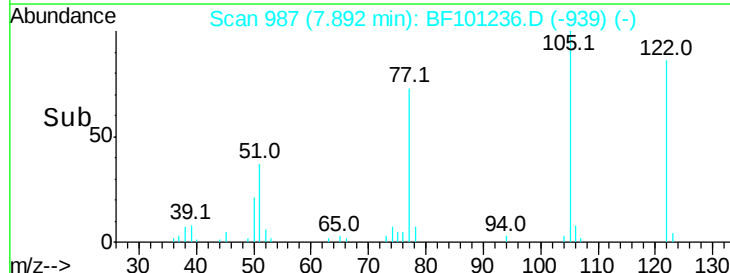
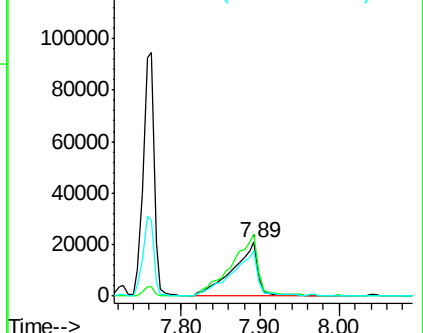


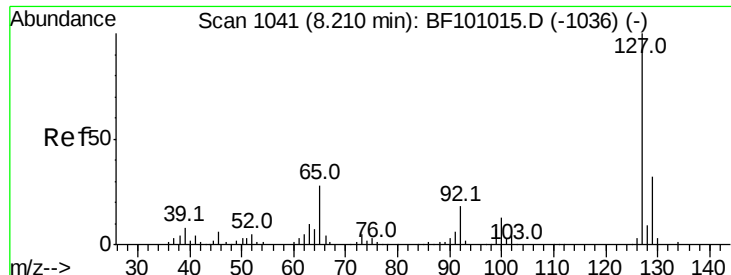
#32
Benzoic acid
Concen: 26.104 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion:122 Resp: 47538
Ion Ratio Lower Upper
122 100
105 116.1 101.1 141.1
77 84.5 70.7 110.7



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

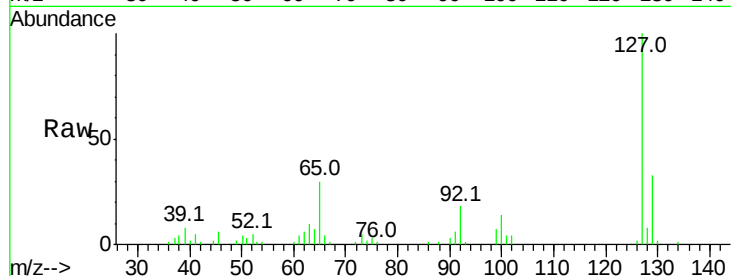




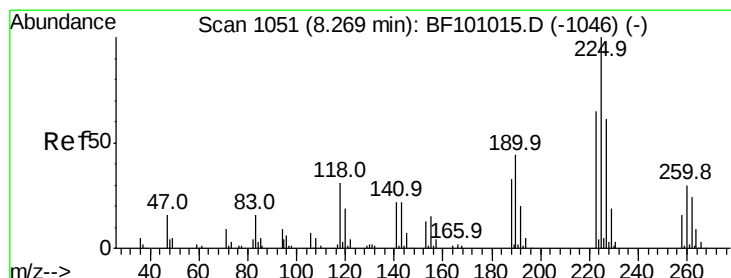
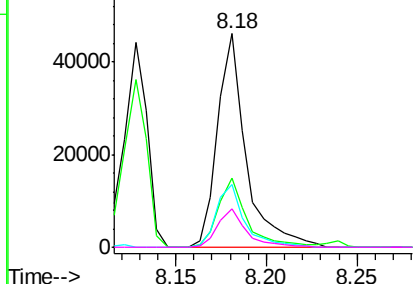
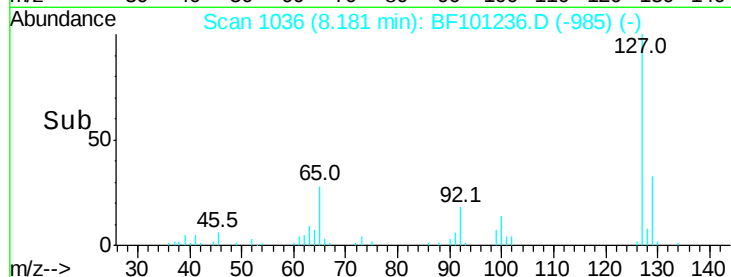
#33
4-Chloroaniline
Concen: 14.272 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	50722
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.6	25.0	37.4
92	18.1	15.2	22.8

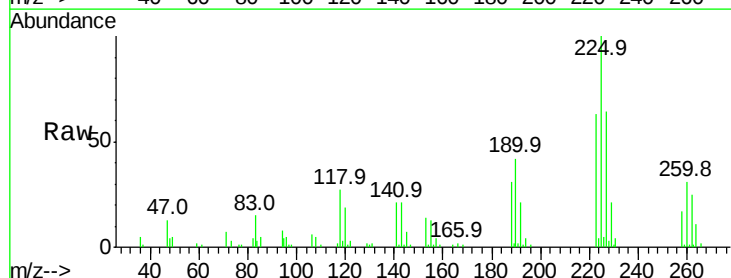


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

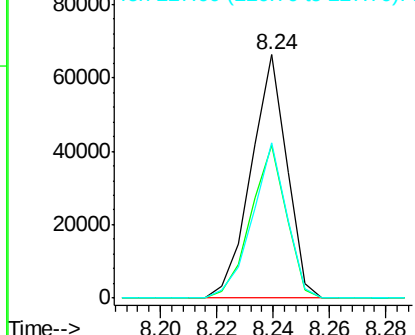
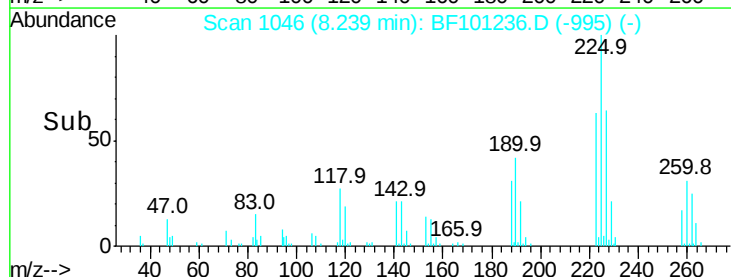


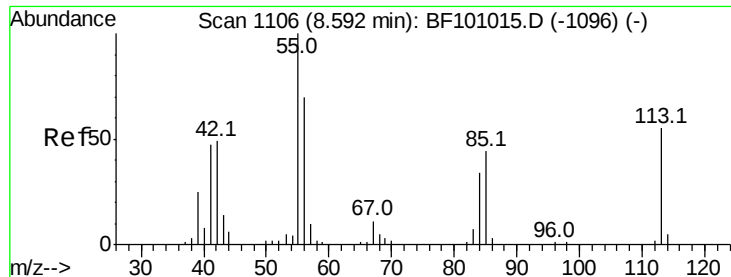
#34
Hexachlorobutadiene
Concen: 33.789 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion:	225	Resp:	58079
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.6	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

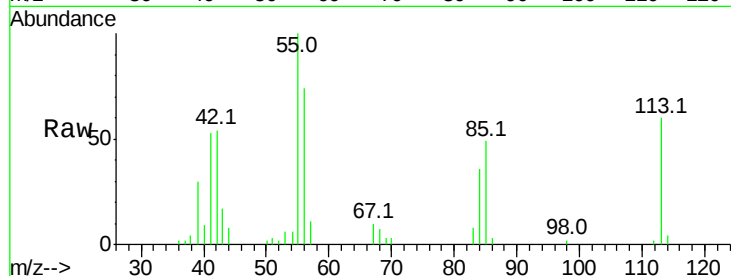




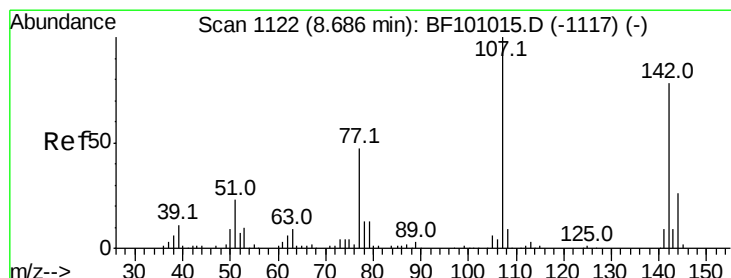
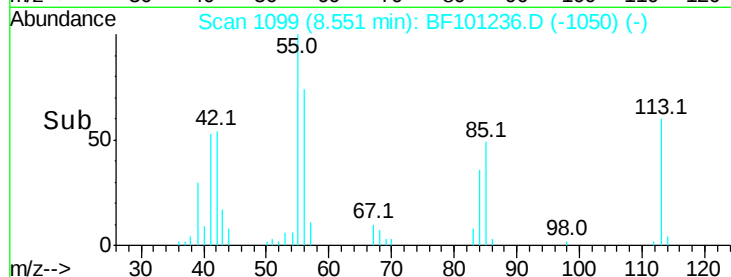
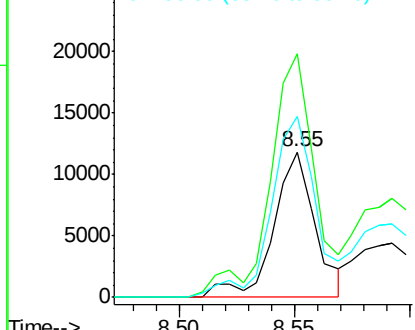
#35
Caprolactam
Concen: 18.644 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 14809
Ion Ratio Lower Upper
113 100
55 167.7 163.3 203.3
56 124.2 115.7 155.7

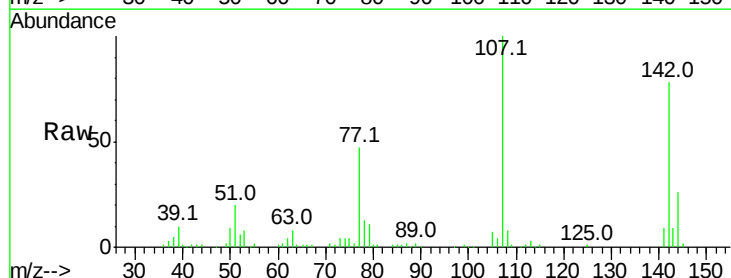


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

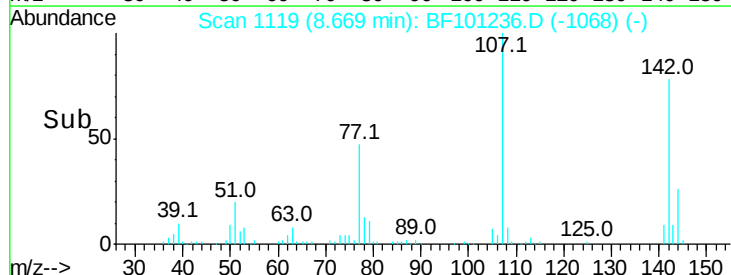
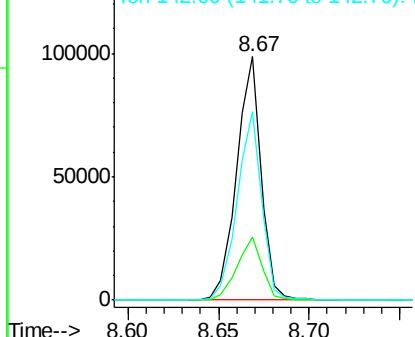


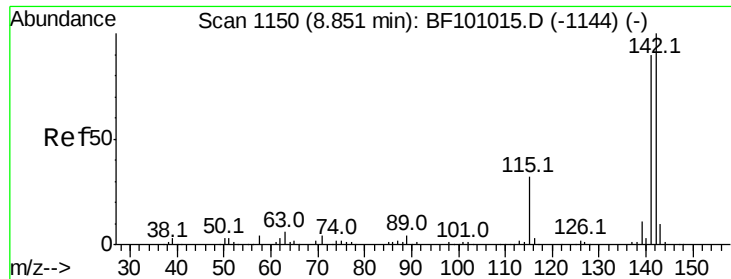
#36
4-Chloro-3-methylphenol
Concen: 35.067 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion:107 Resp: 92580
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 77.7 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

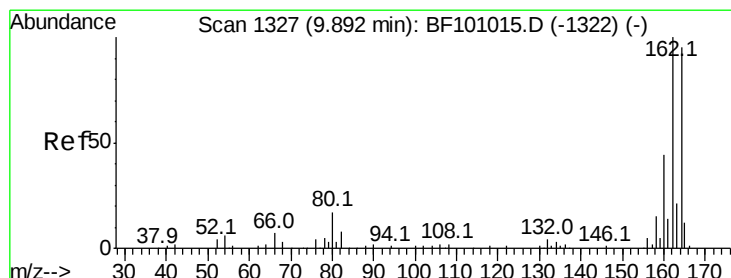
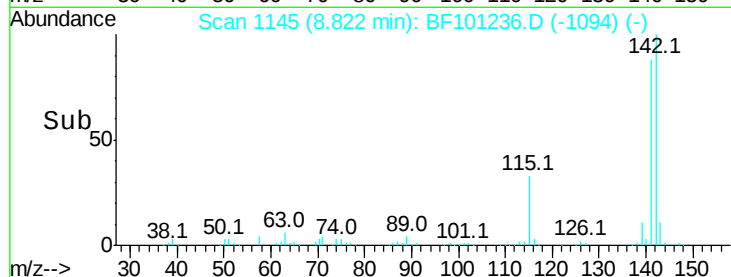
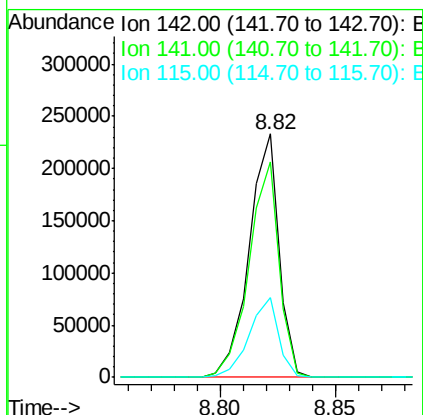
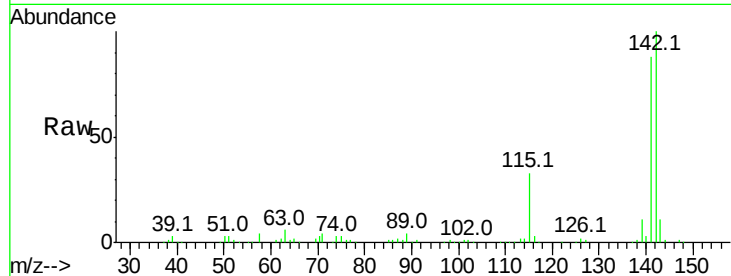




#37
2-Methylnaphthalene
Concen: 35.131 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

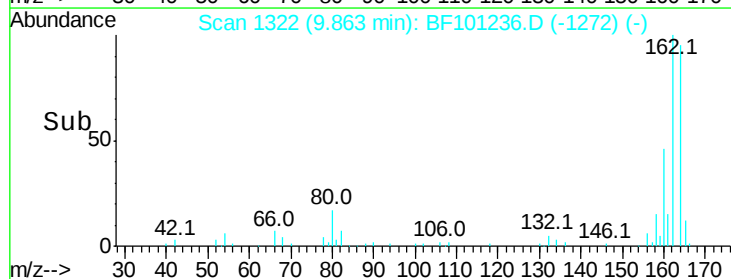
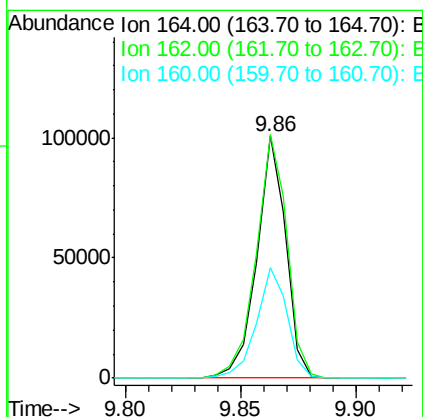
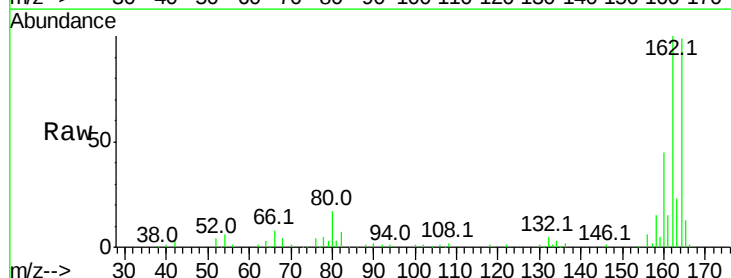
Instrument :
BNA_F
ClientSampleId :

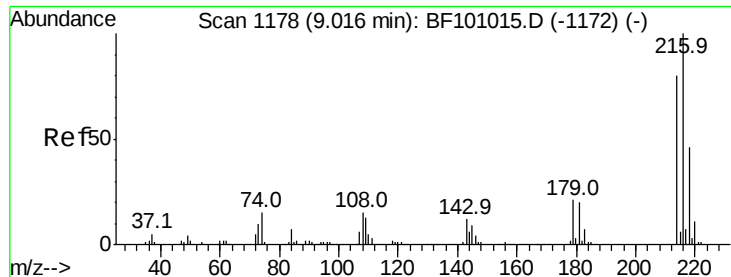
Tot Ion:142 Resp: 211139
Ion Ratio Lower Upper
142 100
141 88.3 70.8 106.2
115 33.0 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion:164 Resp: 88155
Ion Ratio Lower Upper
164 100
162 100.5 86.1 129.1
160 45.6 38.3 57.5

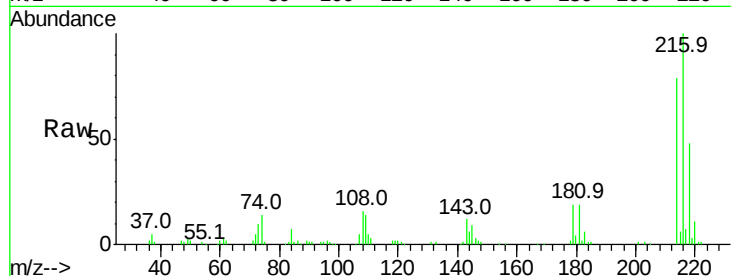




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.545 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	20.4	18.1	27.1
108	16.7	17.2	25.8

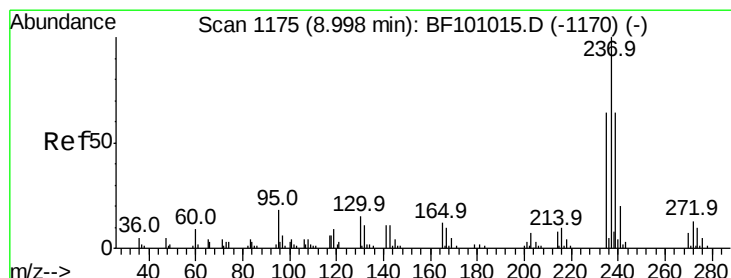
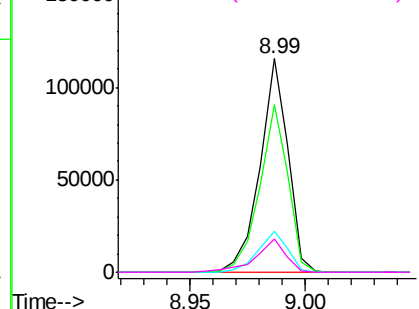
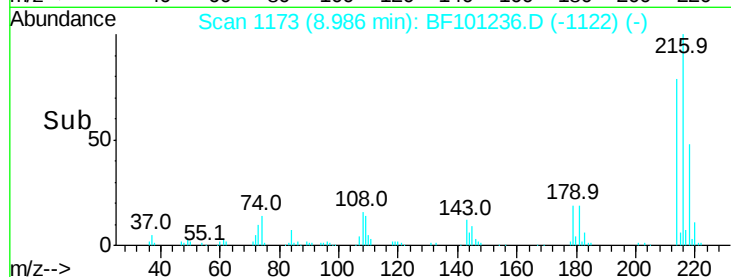


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

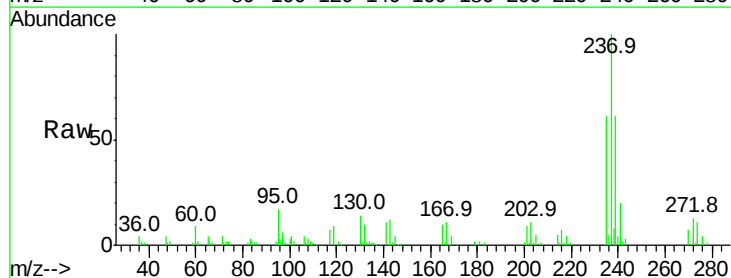
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 55.205 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

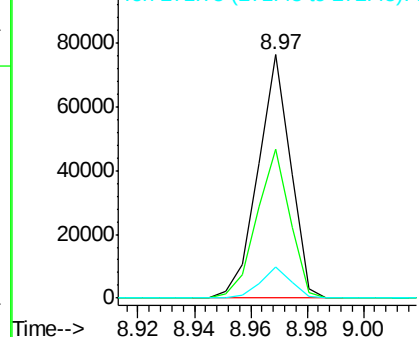
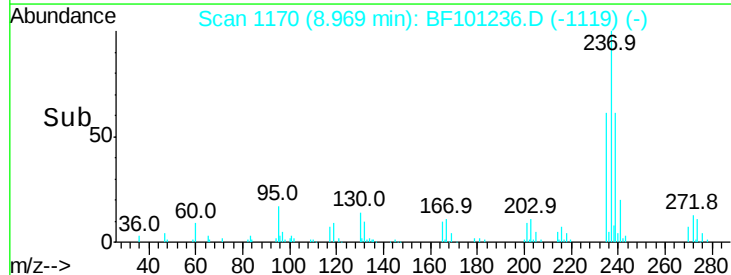
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.0	44.8	84.8
272	12.7	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

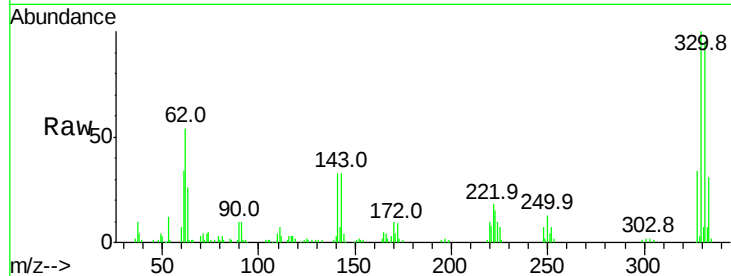




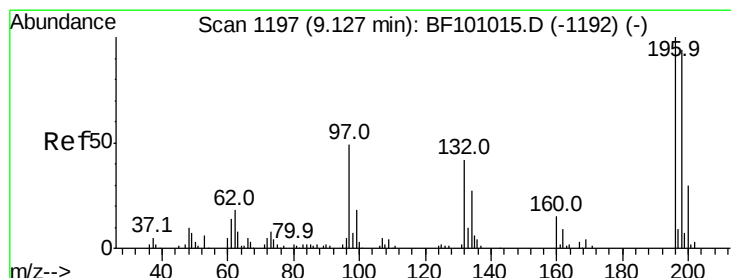
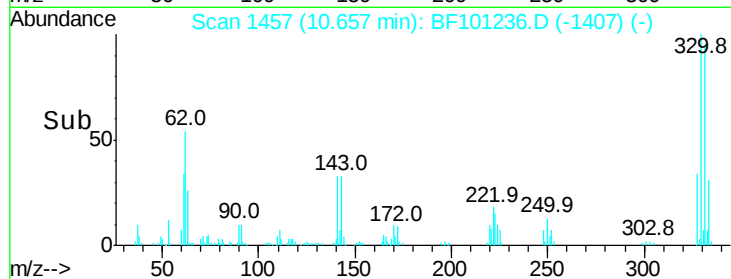
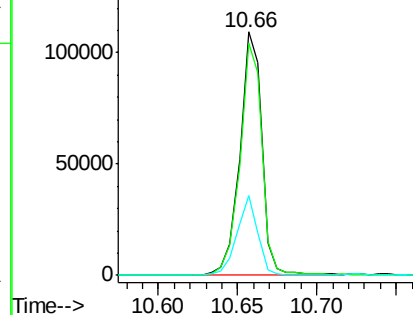
#41
 2,4,6-Tribromophenol
 Concen: 99.640 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 105518
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 30.9 29.9 44.9

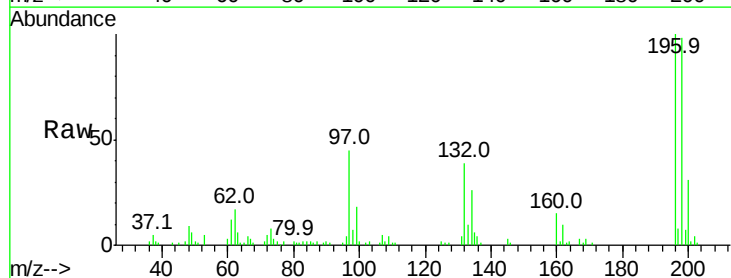


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

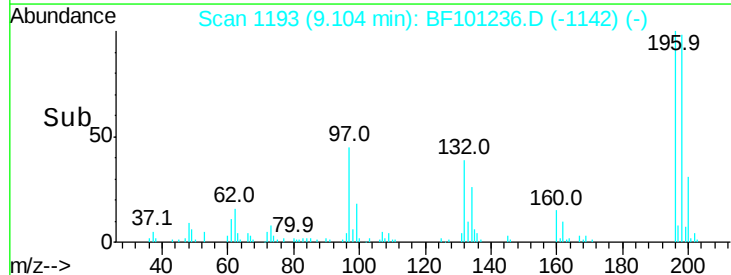
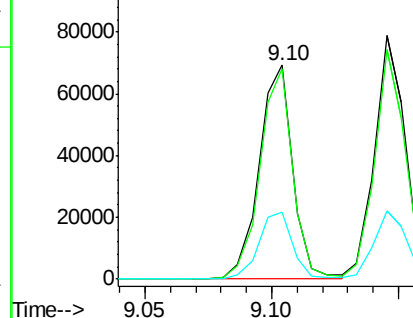


#42
 2,4,6-Trichlorophenol
 Concen: 34.191 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Tgt Ion:196 Resp: 64188
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.7 113.5
 200 31.3 24.5 36.7



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

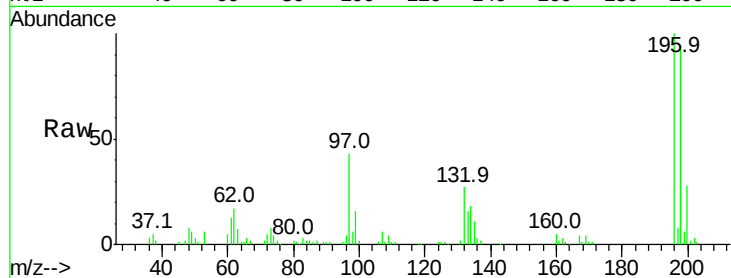




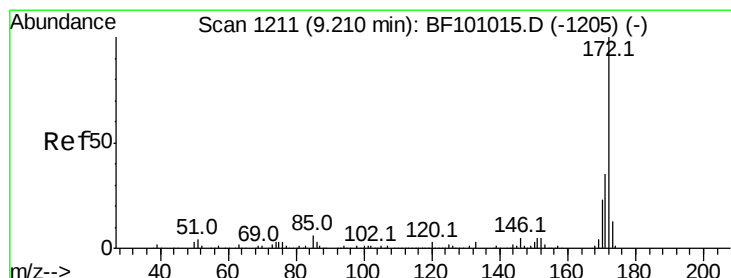
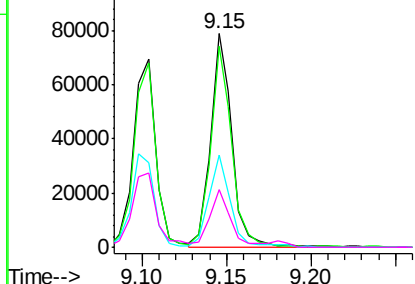
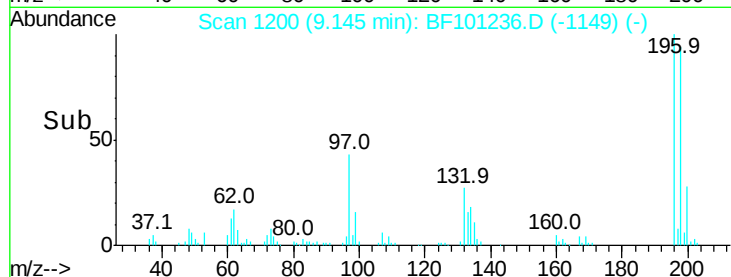
#43
 2,4,5-Trichlorophenol
 Concen: 34.807 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 69858
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.6 112.0
 97 43.3 42.9 64.3
 132 27.2 26.3 39.5

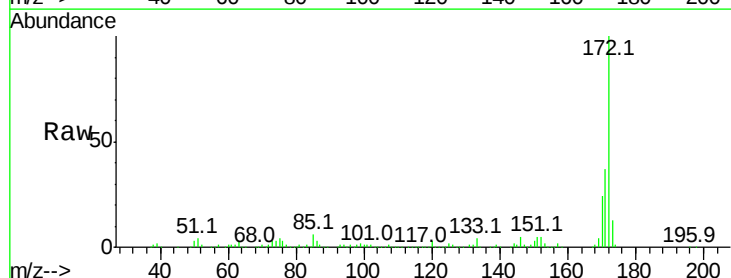


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

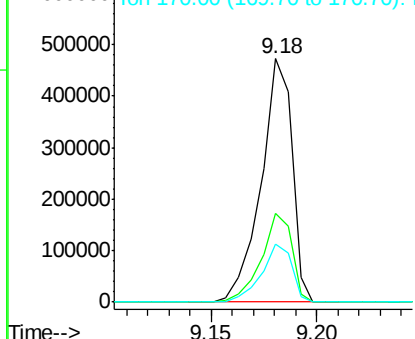
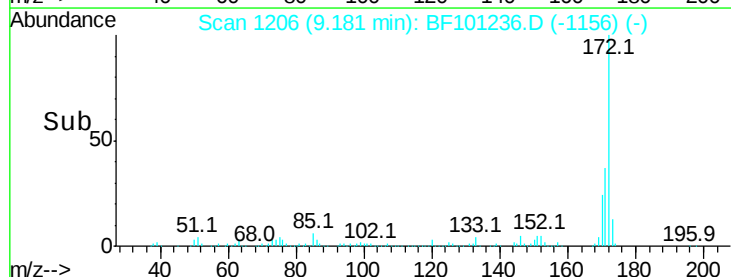


#44
 2-Fluorobiphenyl
 Concen: 75.023 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Tgt Ion:172 Resp: 483381
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.6 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 30.589 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

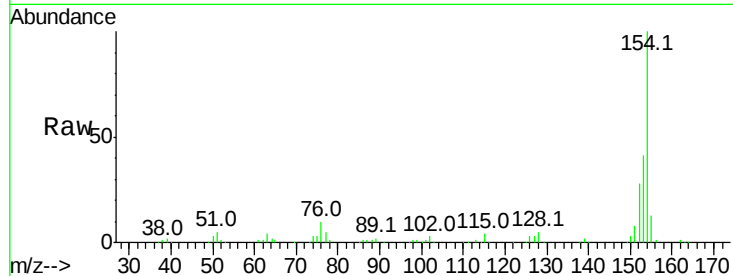
Tot Ion:154 Resp: 247061

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

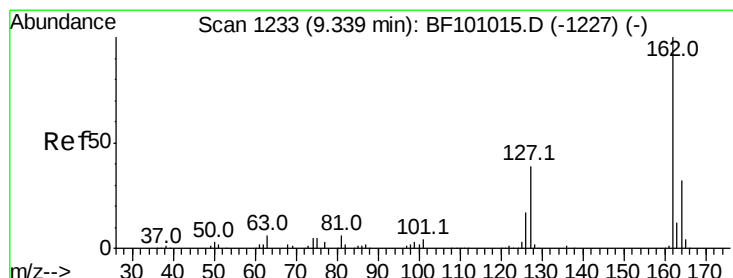
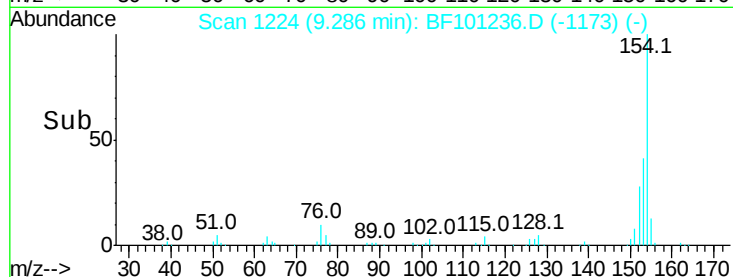
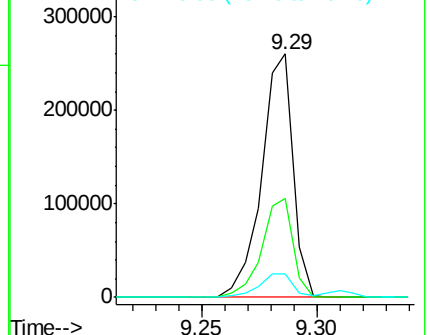
76 9.8 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 34.545 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

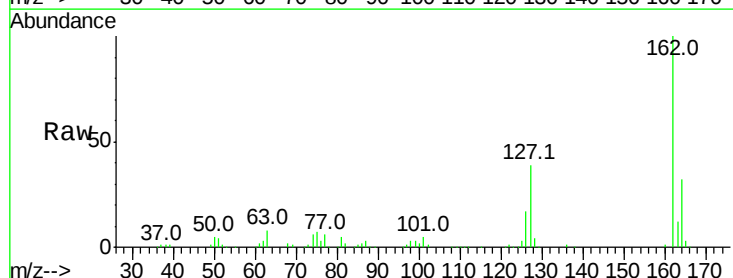
Tgt Ion:162 Resp: 198150

Ion Ratio Lower Upper

162 100

127 39.4 33.9 50.9

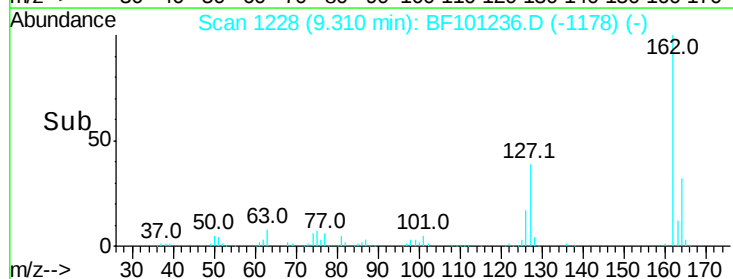
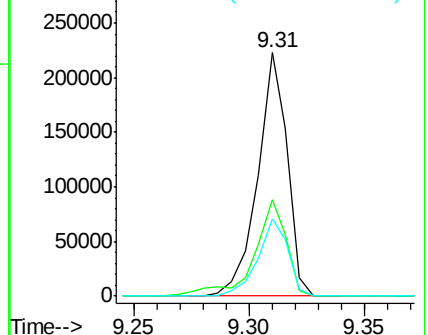
164 31.9 26.5 39.7

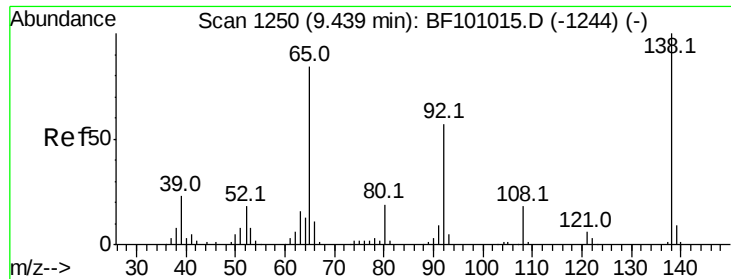


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

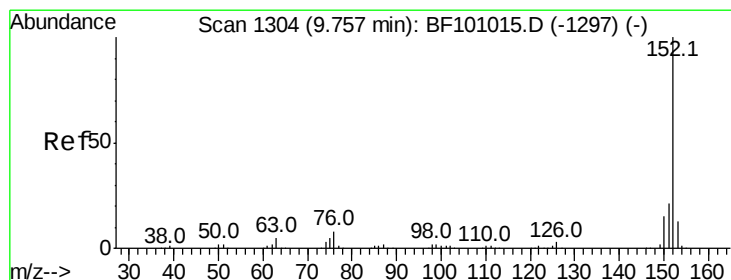
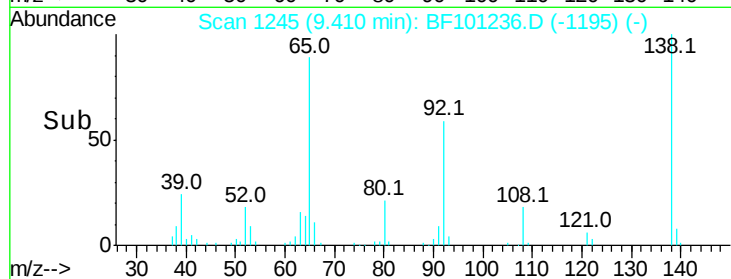
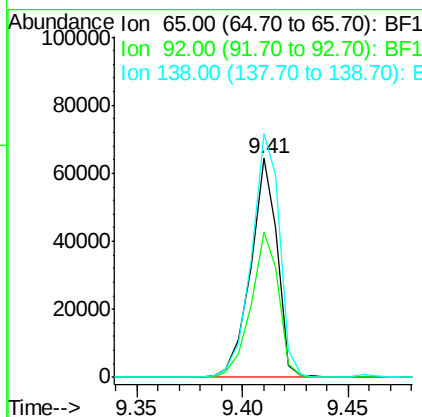
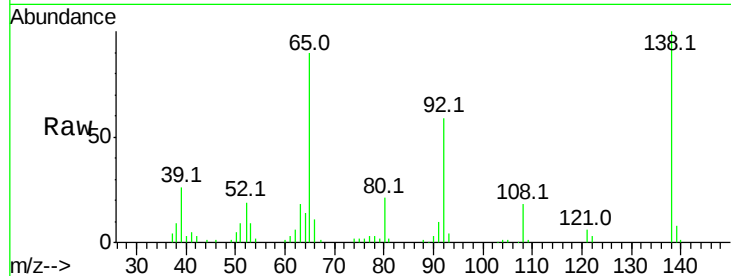




#47
2-Nitroaniline
Concen: 33.246 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

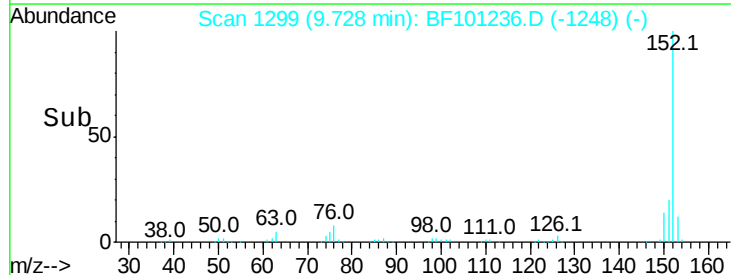
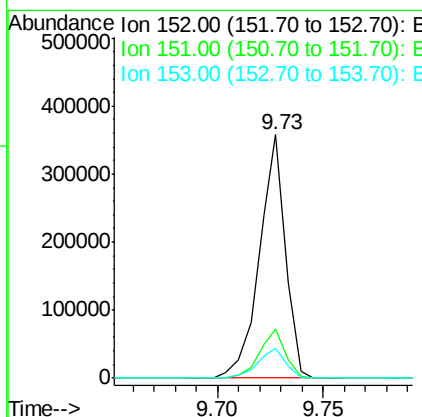
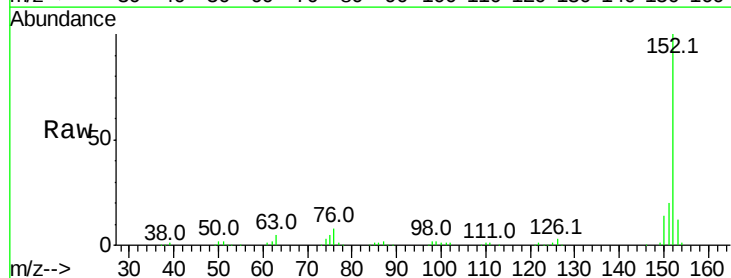
Instrument :
BNA_F
ClientSampleId :

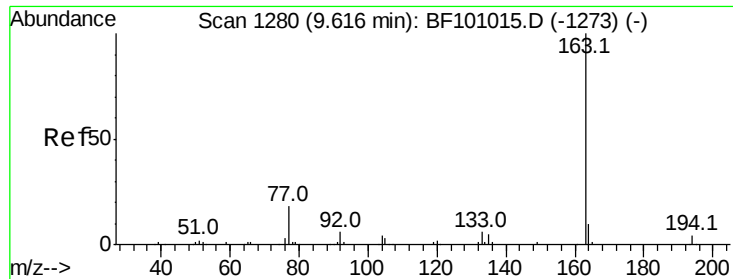
Tot Ion: 65 Resp: 56420
Ion Ratio Lower Upper
65 100
92 66.0 55.8 83.6
138 111.1 91.2 136.8



#48
Acenaphthylene
Concen: 32.417 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion: 152 Resp: 305580
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 12.5 10.7 16.1

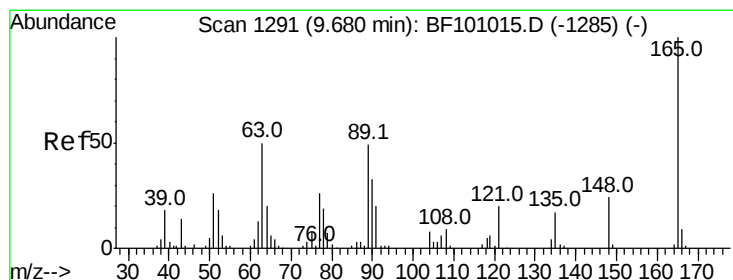
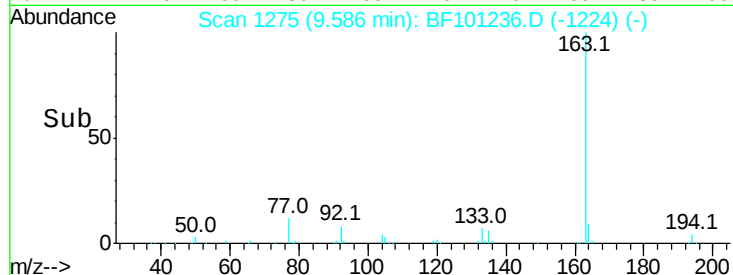
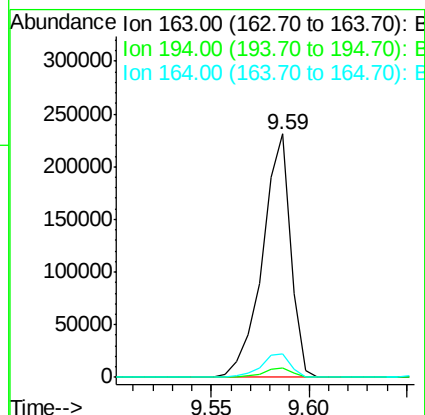
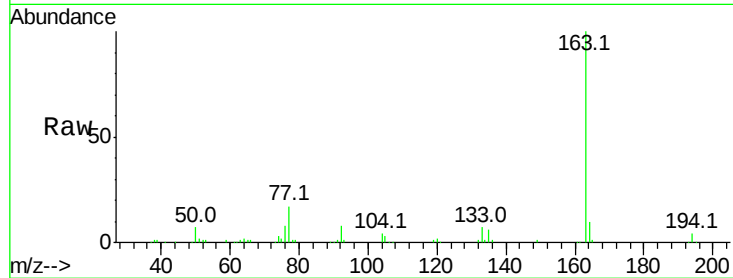




#49
Dimethylphthalate
Concen: 32.540 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

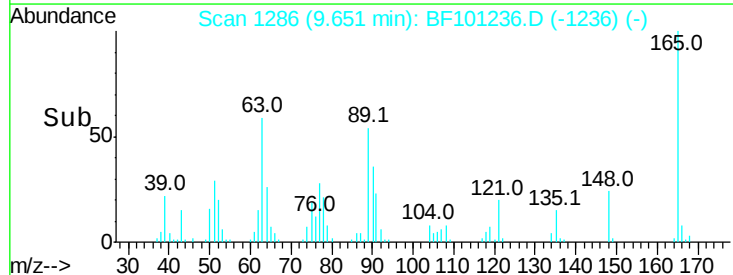
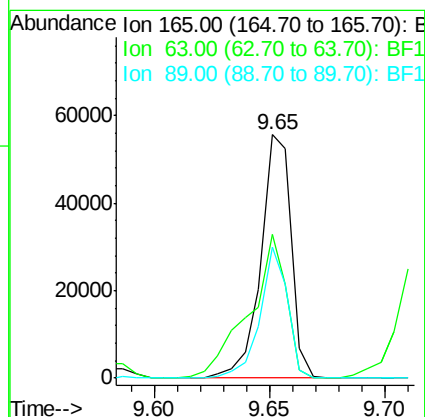
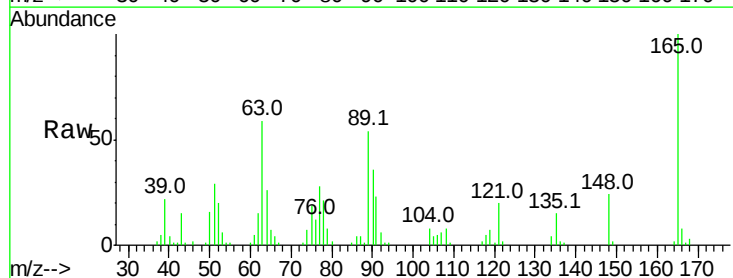
Instrument :
BNA_F
ClientSampleId :

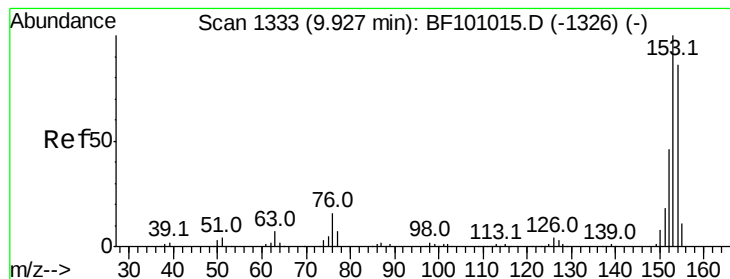
Tot Ion:163 Resp: 231345
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 34.061 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion:165 Resp: 51003
Ion Ratio Lower Upper
165 100
63 59.2 44.7 67.1
89 53.7 44.0 66.0





#51

Acenaphthene

Concen: 32.178 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

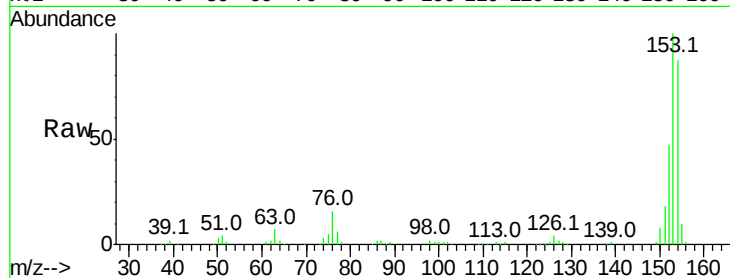
Tot Ion:154 Resp: 181630

Ion Ratio Lower Upper

154 100

153 115.0 91.2 136.8

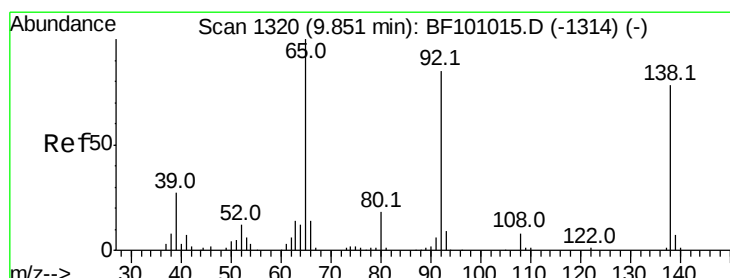
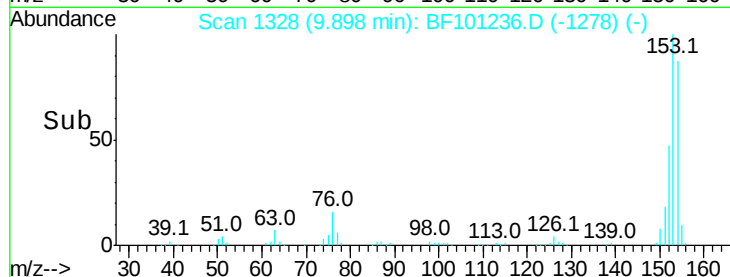
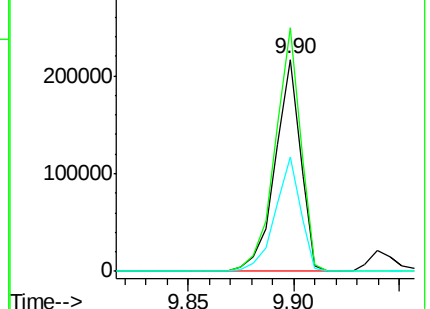
152 54.2 43.8 65.8



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



#52

3-Nitroaniline

Concen: 20.151 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

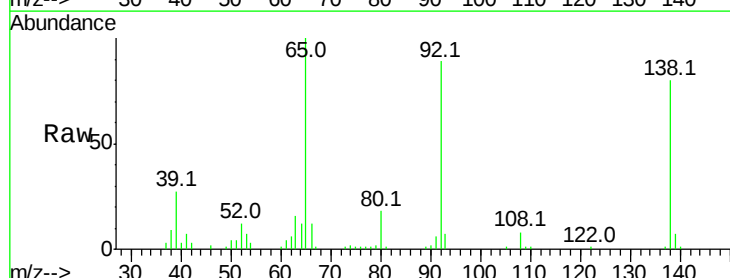
Tgt Ion:138 Resp: 33933

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

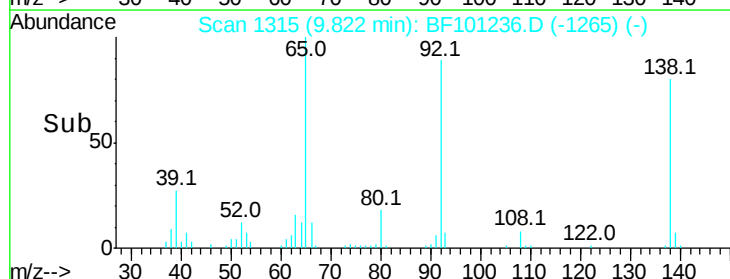
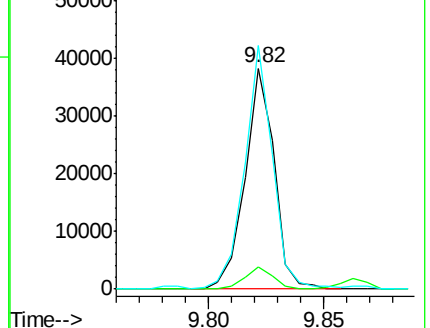
92 110.1 89.4 134.2

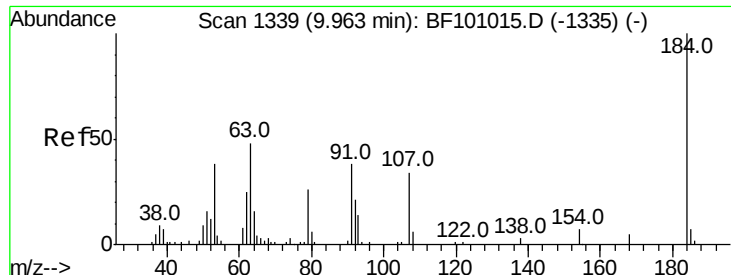


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

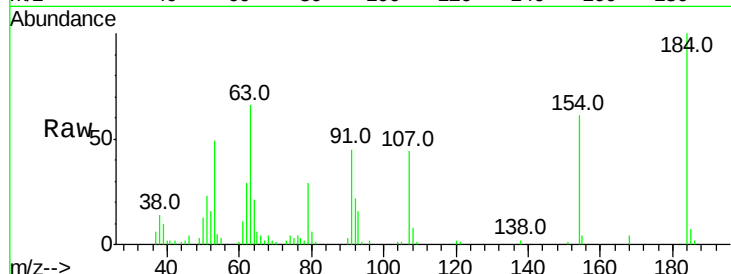




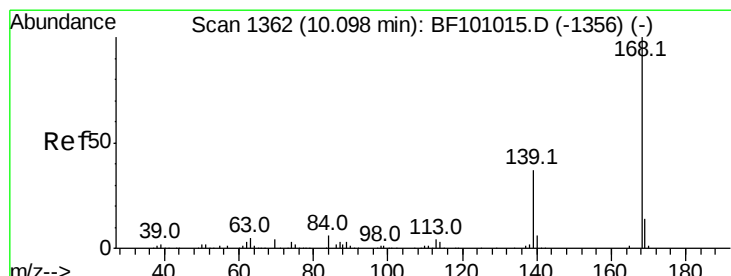
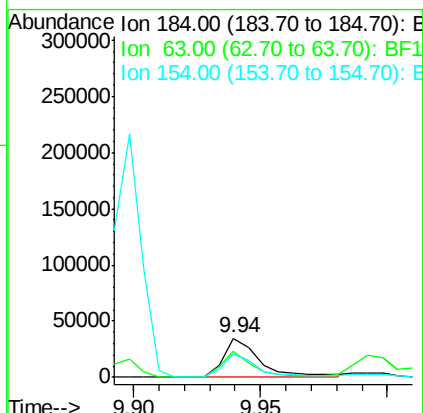
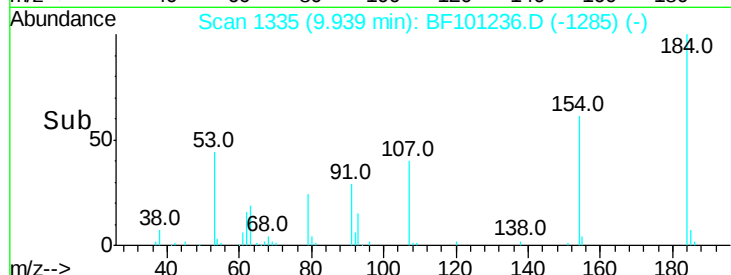
#53
2,4-Dinitrophenol
Concen: 46.995 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 34555
Ion Ratio Lower Upper
184 100
63 66.0 54.2 81.2
154 60.8 184.0 276.0#

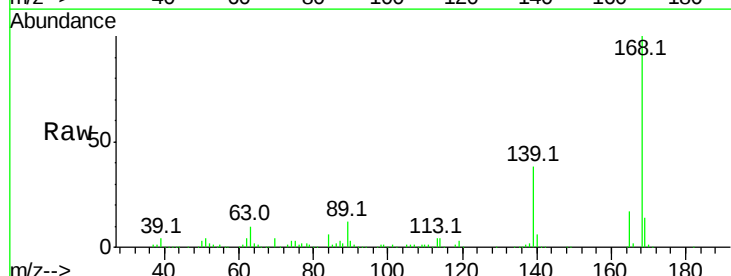


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

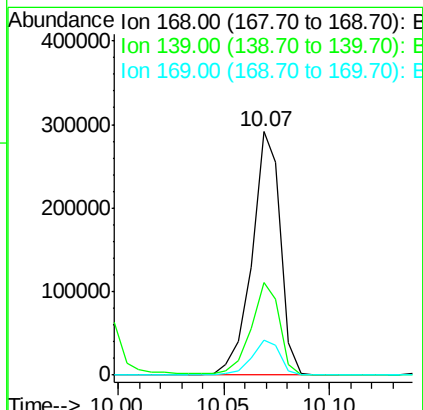
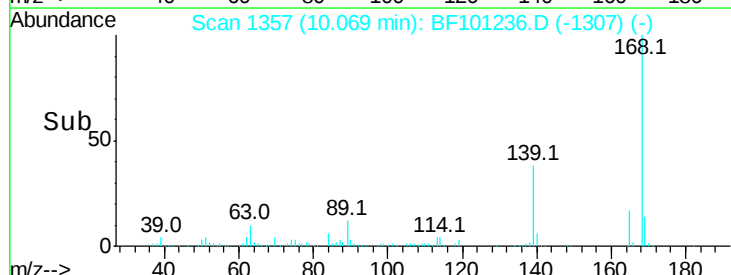


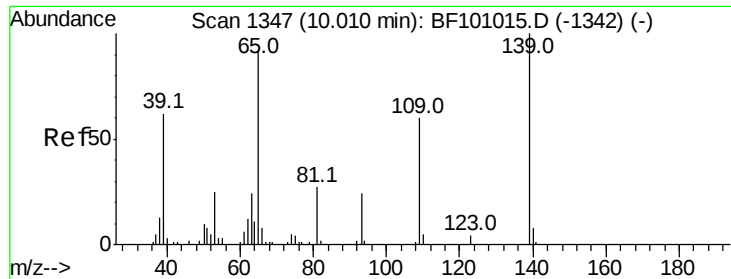
#54
Dibenzofuran
Concen: 33.482 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion:168 Resp: 272346
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1
169 14.3 10.9 16.3



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

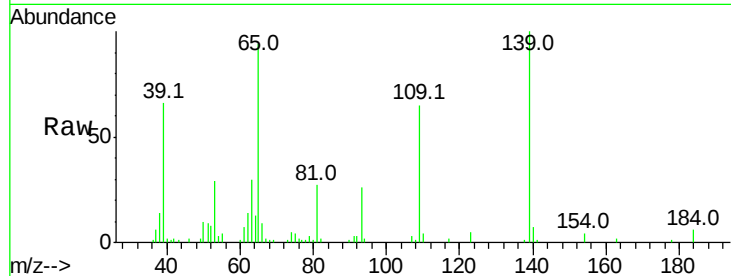




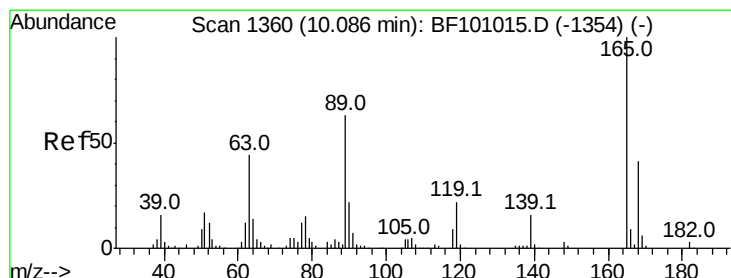
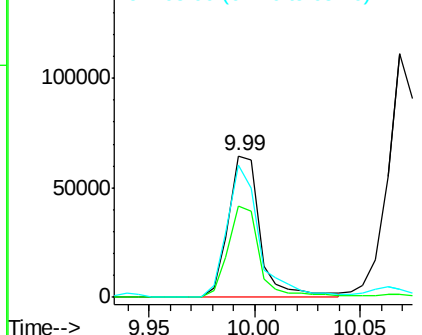
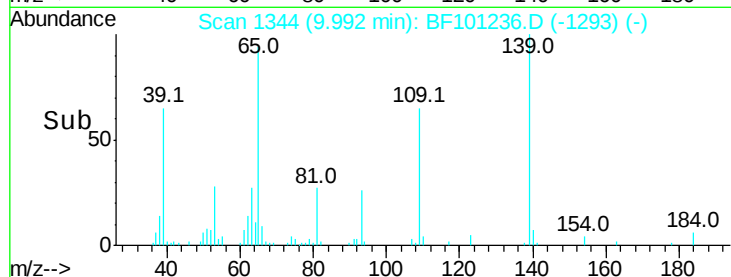
#55
4-Nitrophenol
Concen: 59.743 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 67848
Ion Ratio Lower Upper
139 100
109 64.5 48.4 88.4
65 93.7 72.6 112.6

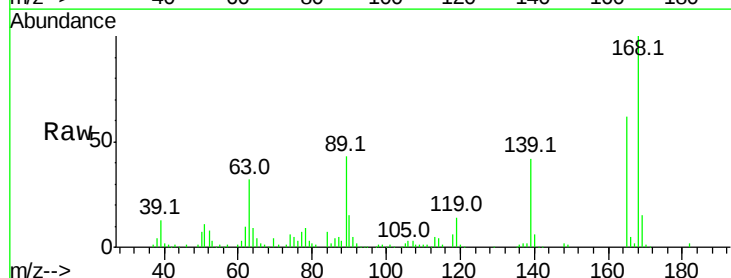


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

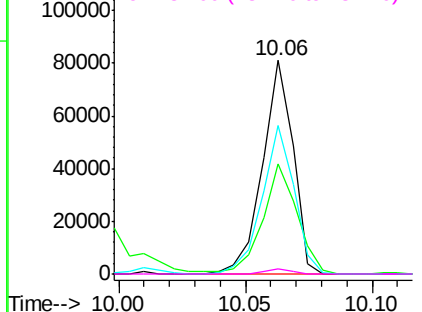
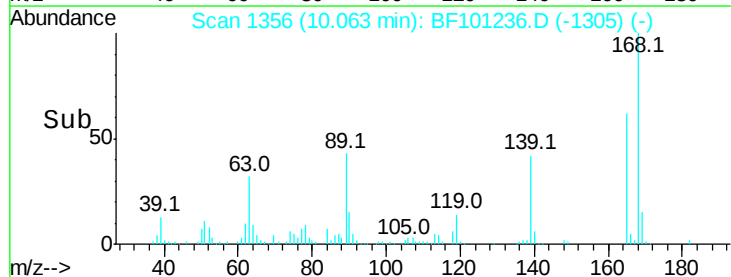


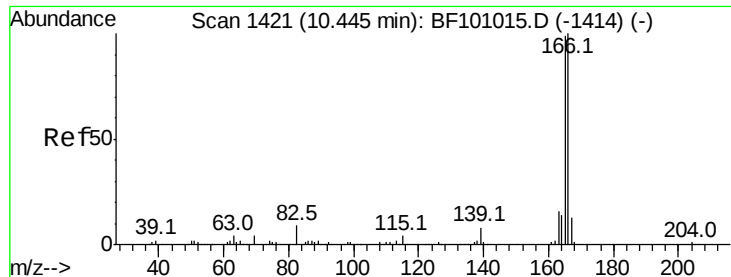
#56
2,4-Dinitrotoluene
Concen: 34.190 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion:165 Resp: 68613
Ion Ratio Lower Upper
165 100
63 51.4 36.4 54.6
89 69.7 57.8 86.6
182 2.4 1.6 2.4#



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

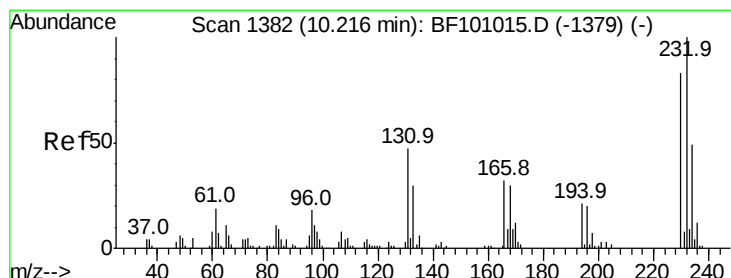
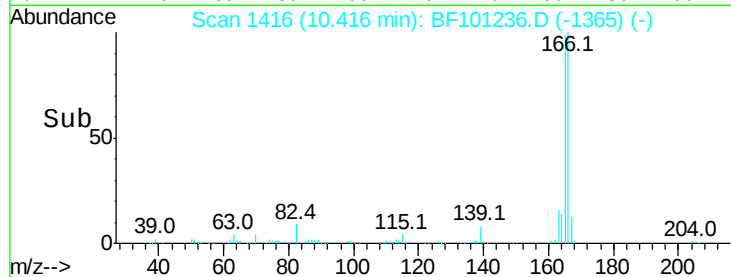
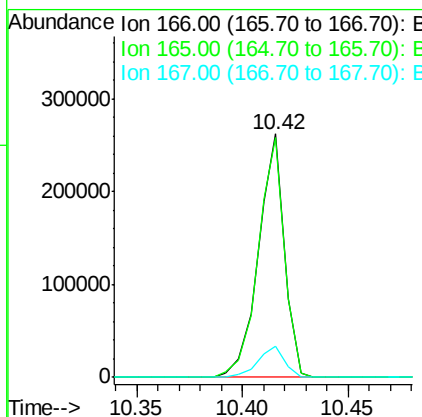
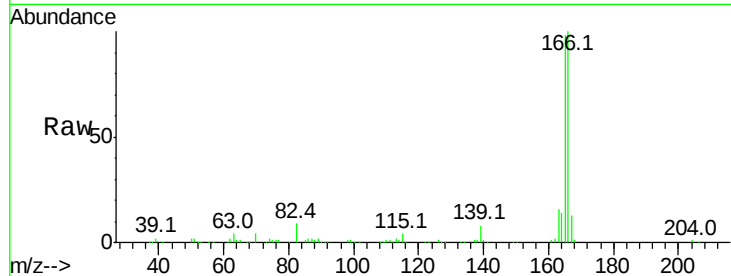




#57
 Fluorene
 Concen: 33.883 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

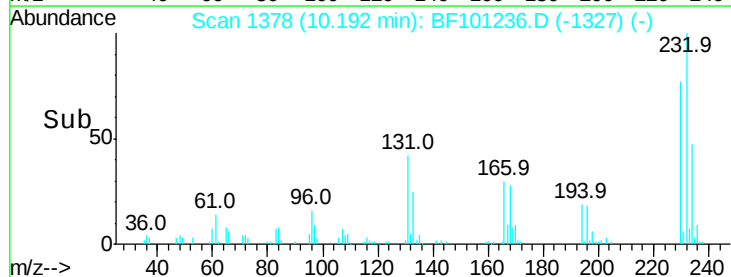
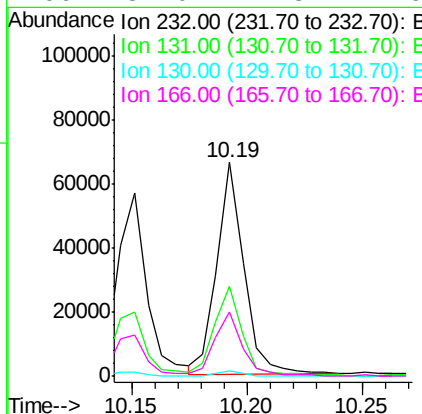
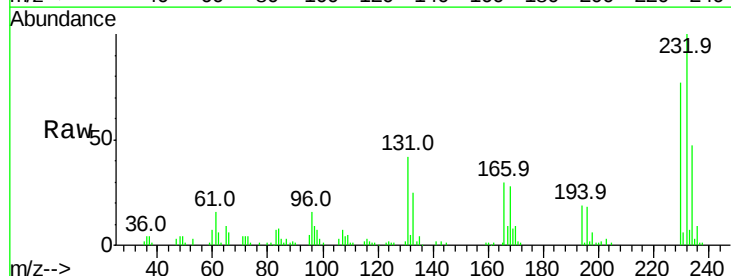
Instrument :
 BNA_F
 ClientSampleId :

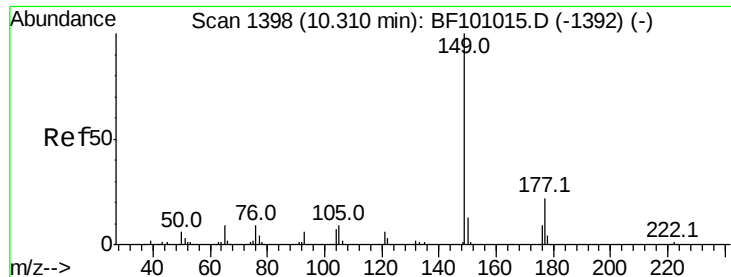
Tot Ion:166 Resp: 224050
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.8 119.8
 167 12.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.429 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Tgt Ion:232 Resp: 53719
 Ion Ratio Lower Upper
 232 100
 131 44.6 43.8 65.8
 130 2.0 2.1 3.1#
 166 32.0 27.8 41.6

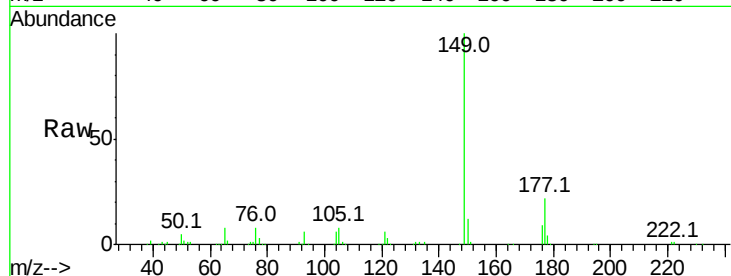




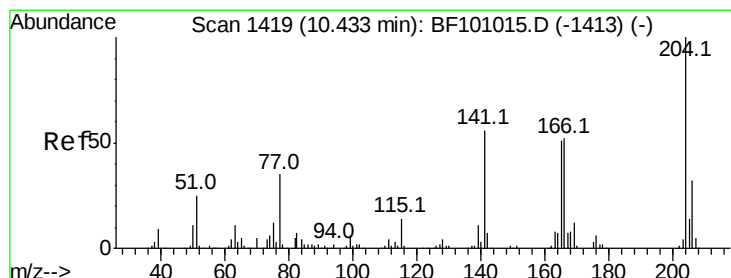
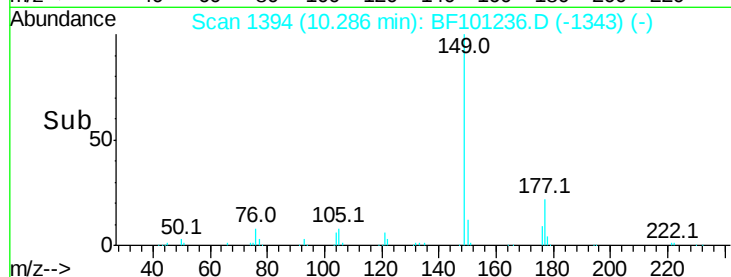
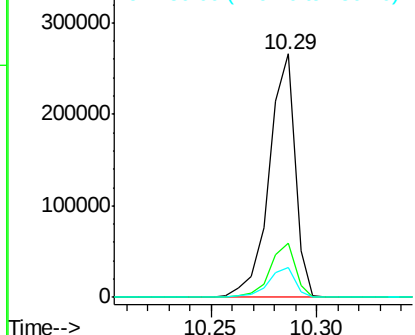
#59
Diethylphthalate
Concen: 32.469 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 227688
Ion Ratio Lower Upper
149 100
177 22.3 16.1 24.1
150 12.3 10.1 15.1

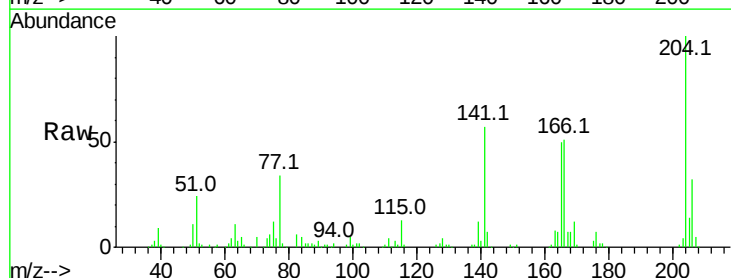


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

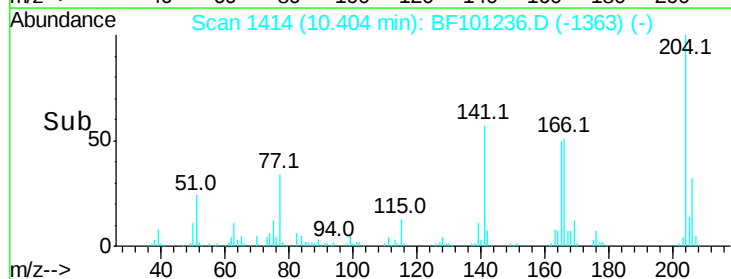
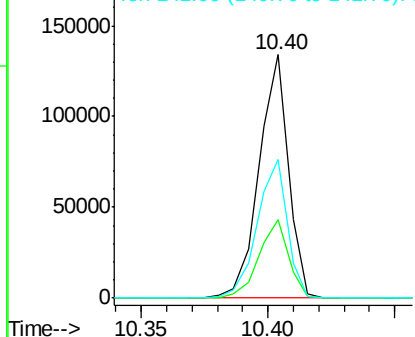


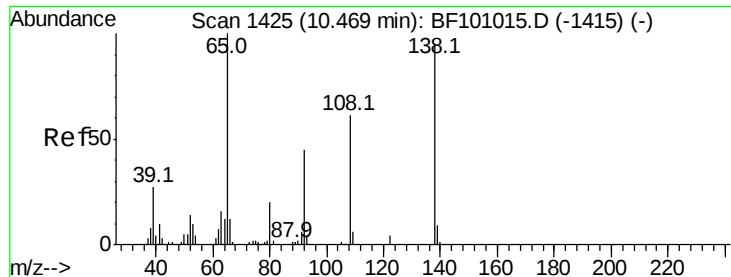
#60
4-Chlorophenyl-phenylether
Concen: 33.310 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion:204 Resp: 108751
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 57.2 54.6 81.8



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

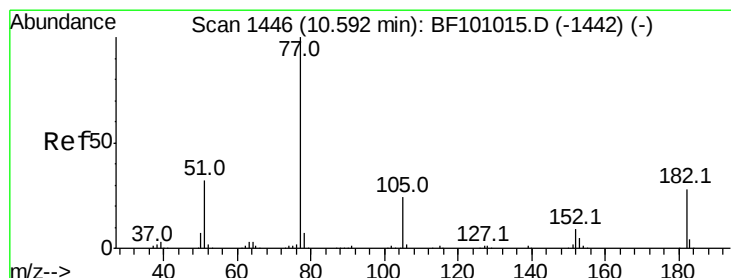
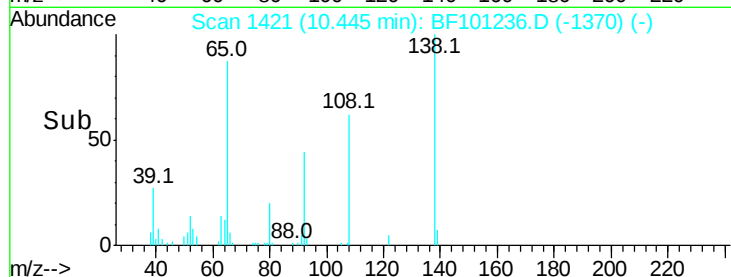
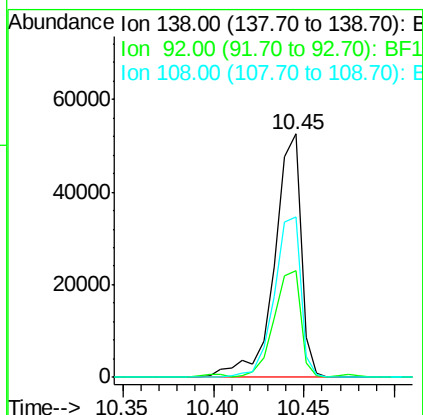
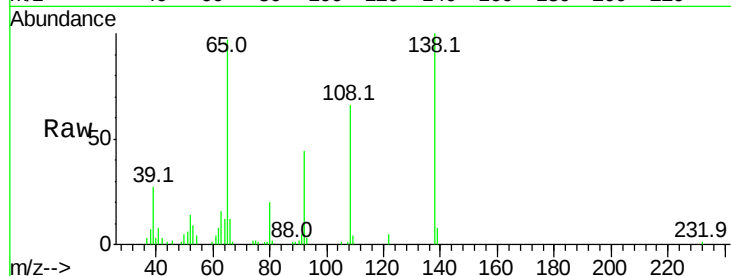




#61
4-Nitroaniline
Concen: 30.735 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

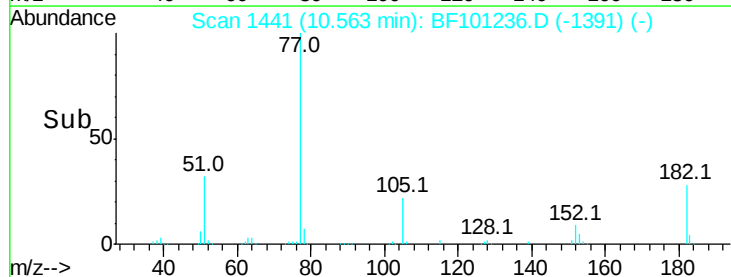
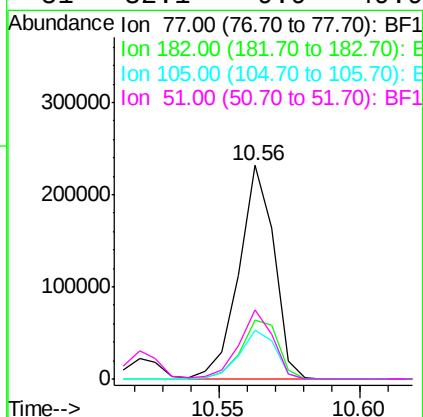
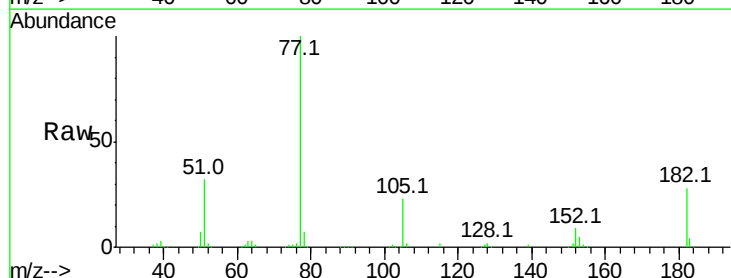
Instrument :
BNA_F
ClientSampleId :

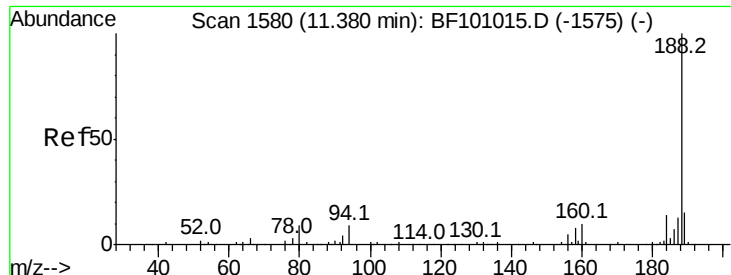
Tot Ion:138 Resp: 53726
Ion Ratio Lower Upper
138 100
92 43.7 30.2 70.2
108 66.0 52.5 92.5



#62
Azobenzene
Concen: 33.515 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion: 77 Resp: 199451
Ion Ratio Lower Upper
77 100
182 27.7 1.7 41.7
105 23.0 3.0 43.0
51 32.1 9.9 49.9

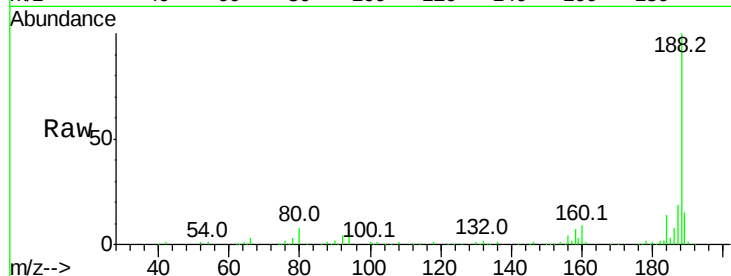




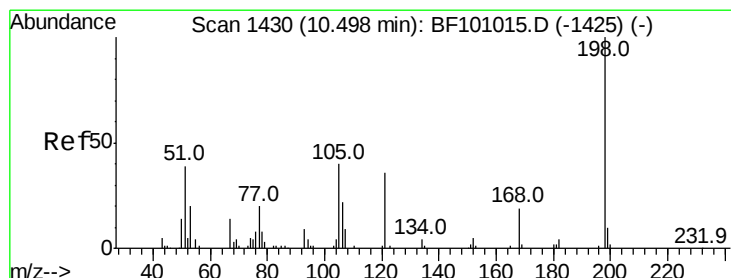
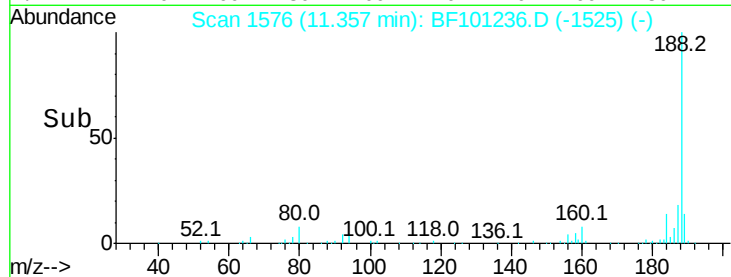
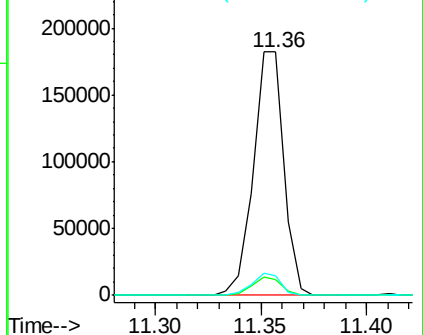
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 183404
 Ion Ratio Lower Upper
 188 100
 94 6.7 8.5 12.7#
 80 7.9 9.2 13.8#

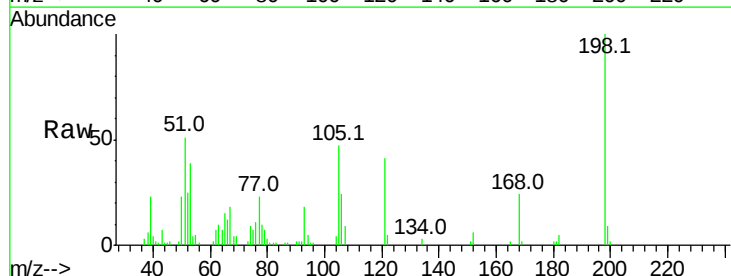


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

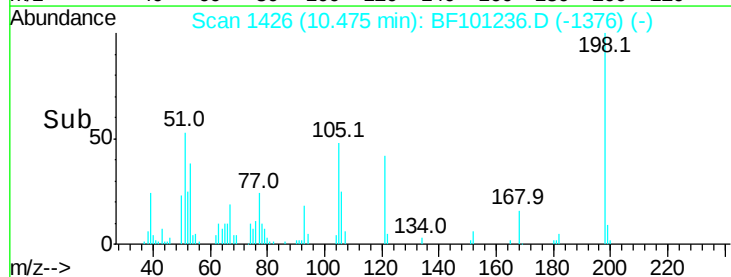
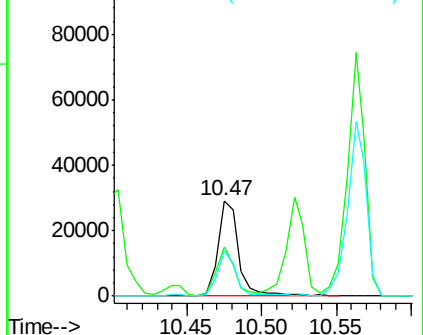


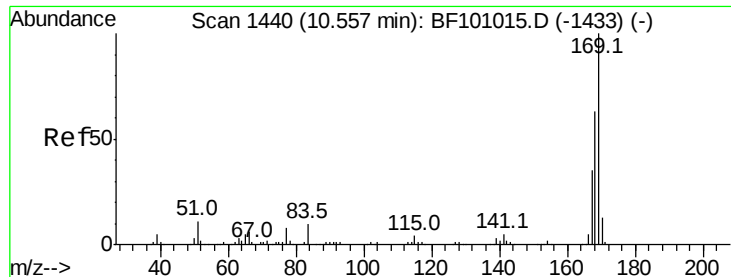
#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.014 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Tgt Ion:198 Resp: 28310
 Ion Ratio Lower Upper
 198 100
 51 51.4 37.7 77.7
 105 46.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 31.308 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

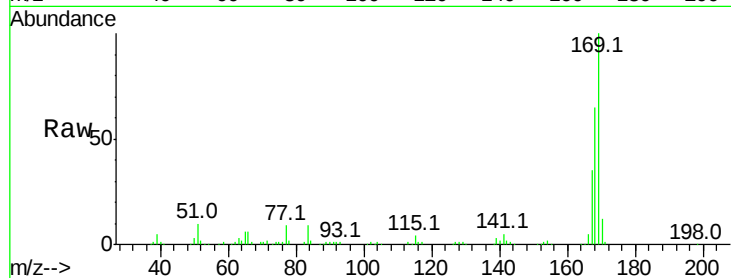
Tot Ion:169 Resp: 202572

Ion Ratio Lower Upper

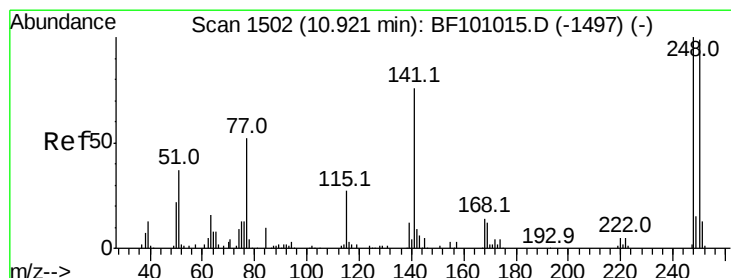
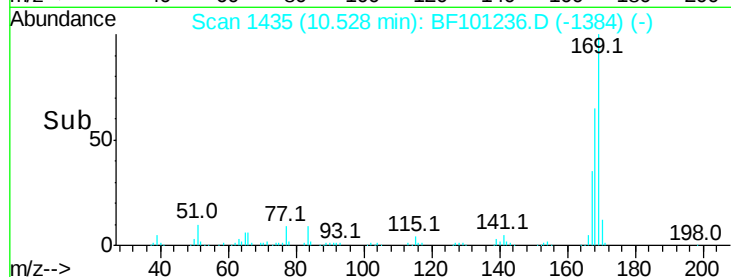
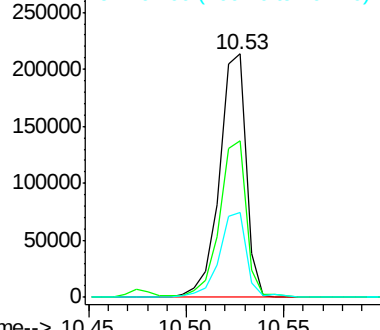
169 100

168 64.5 54.4 81.6

167 34.9 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 33.037 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

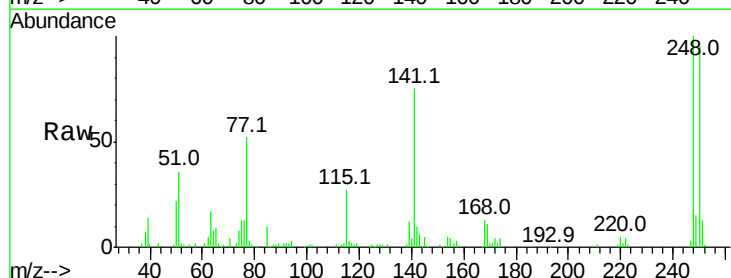
Tgt Ion:248 Resp: 67822

Ion Ratio Lower Upper

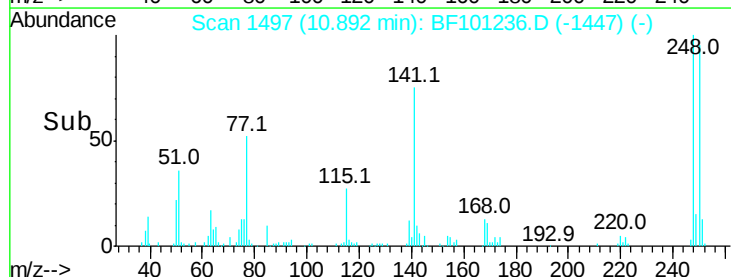
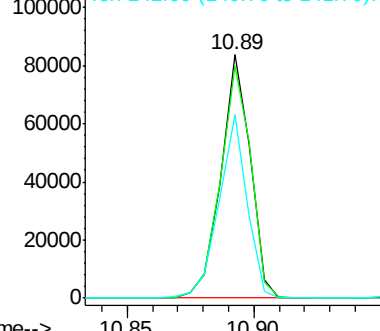
248 100

250 95.1 76.9 115.3

141 75.1 74.4 111.6



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

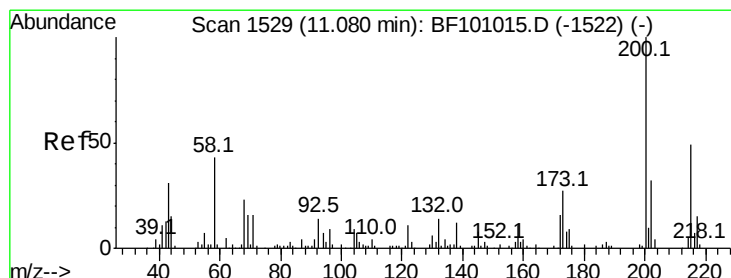
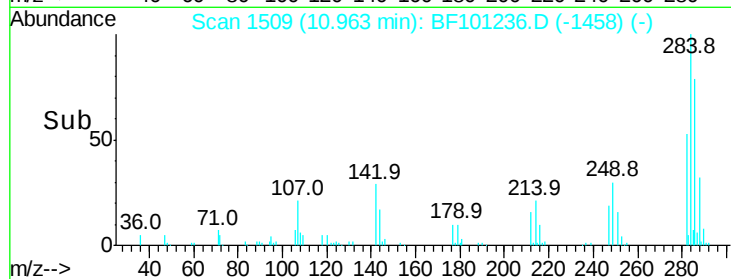
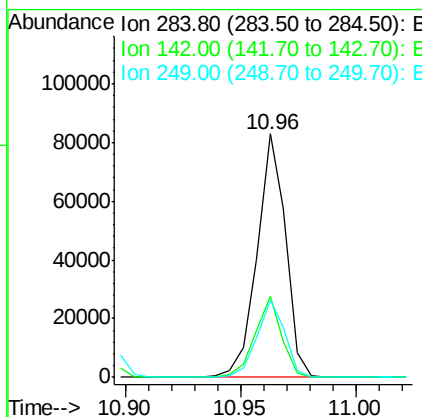
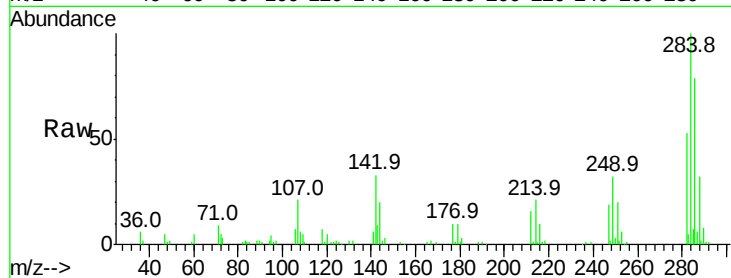




#67
Hexachlorobenzene
Concen: 32.472 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

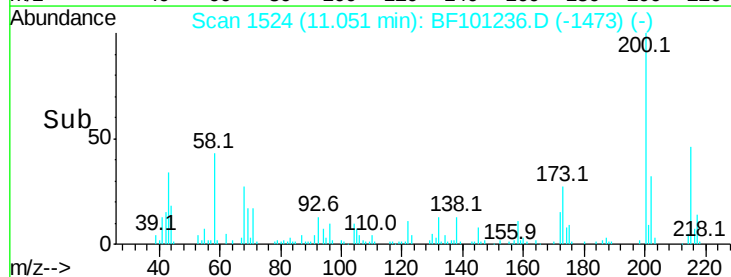
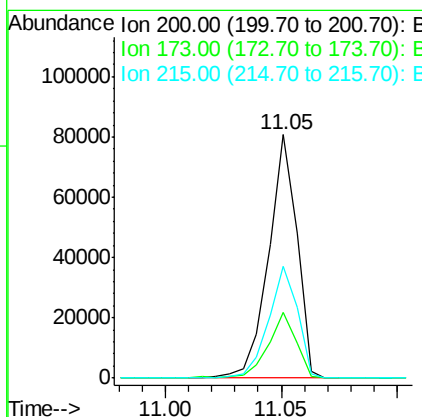
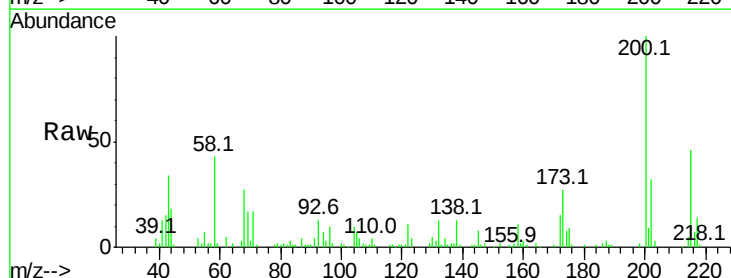
Instrument :
BNA_F
ClientSampled :

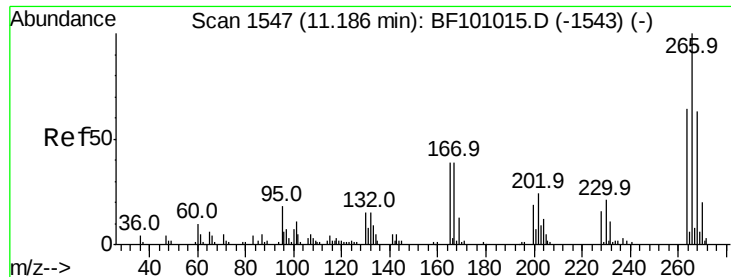
Tot Ion:284 Resp: 71445
Ion Ratio Lower Upper
284 100
142 33.5 34.6 52.0#
249 31.7 24.8 37.2



#68
Atrazine
Concen: 34.717 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion:200 Resp: 68904
Ion Ratio Lower Upper
200 100
173 26.8 8.6 48.6
215 46.0 25.1 65.1

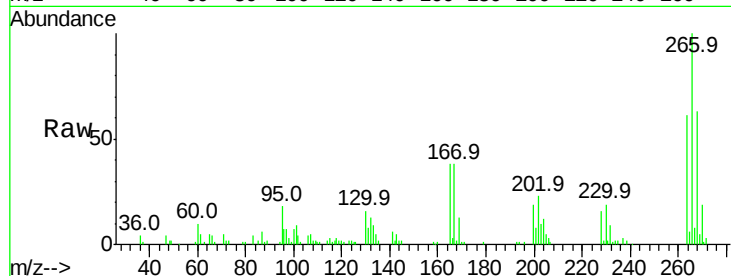




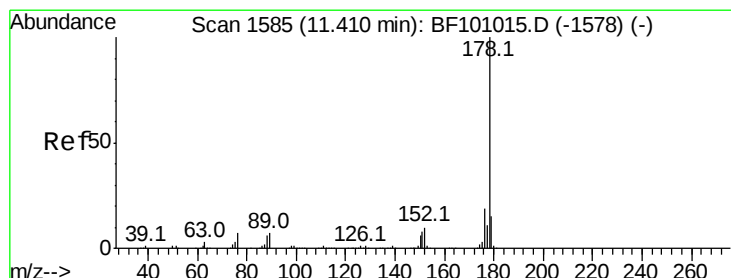
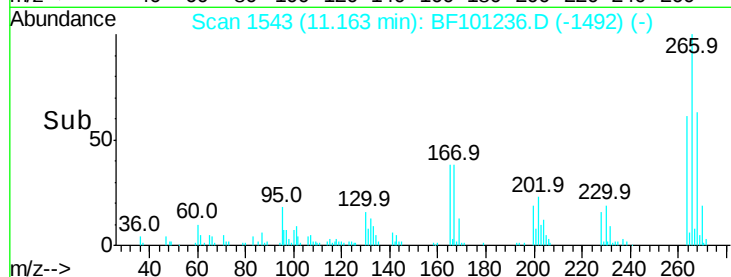
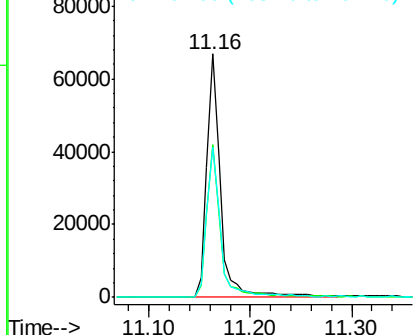
#69
 Pentachlorophenol
 Concen: 52.637 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 63678
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.1 76.7
 264 61.5 49.5 74.3

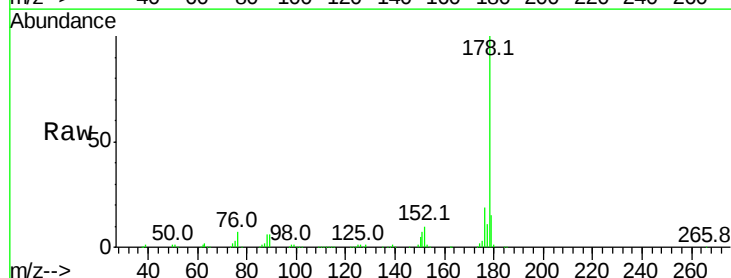


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

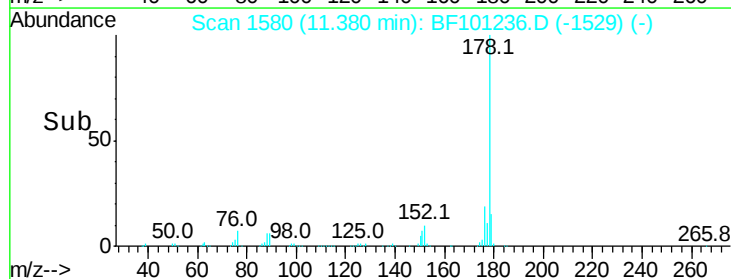
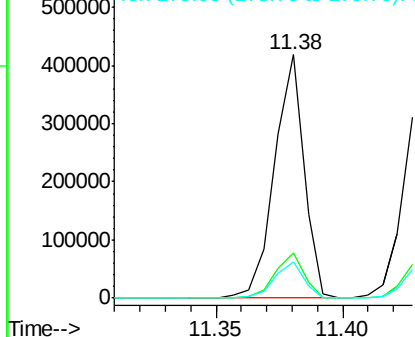


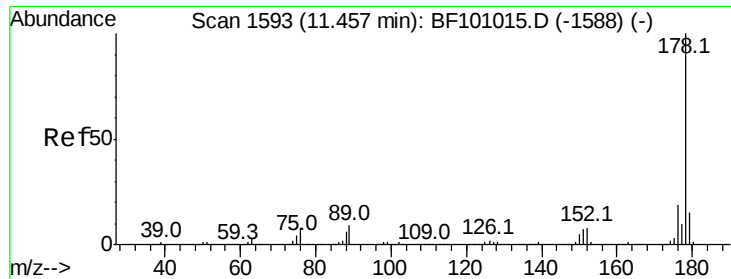
#70
 Phenanthrene
 Concen: 33.383 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Tgt Ion:178 Resp: 337168
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.0 13.0 19.6



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

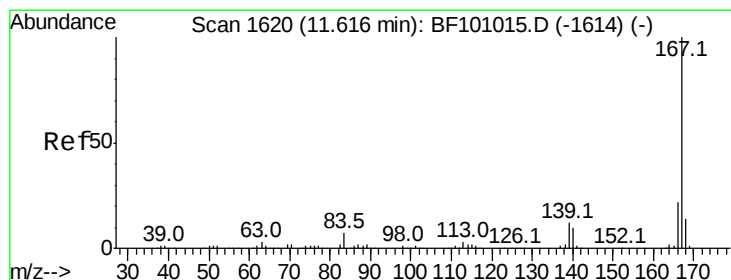
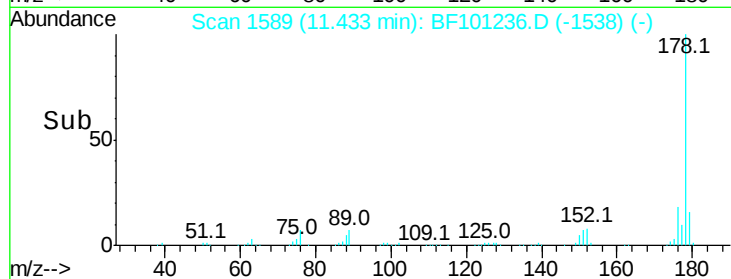
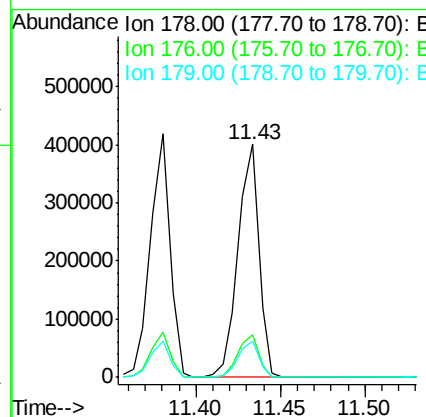
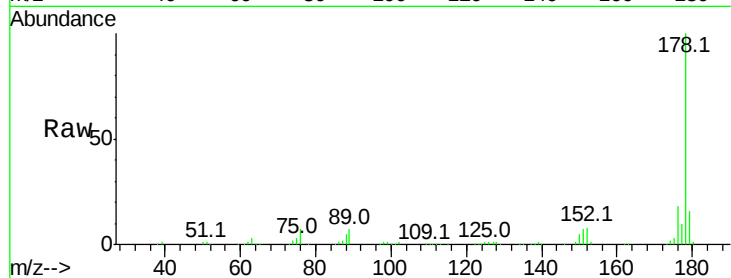




#71
 Anthracene
 Concen: 33.878 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

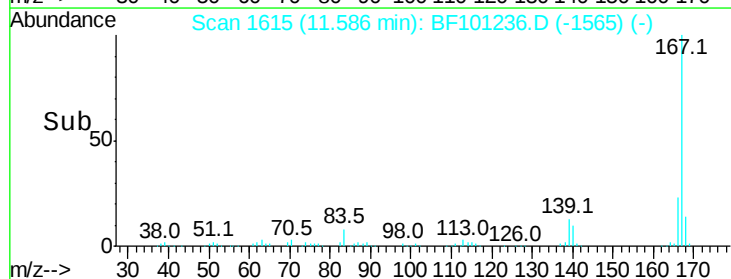
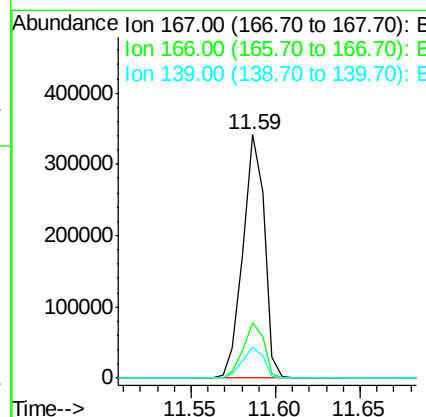
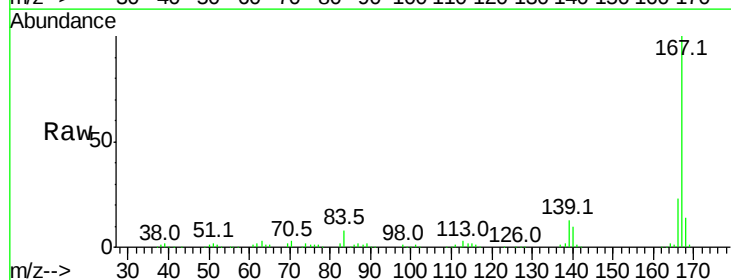
Instrument :
 BNA_F
 ClientSampleId :

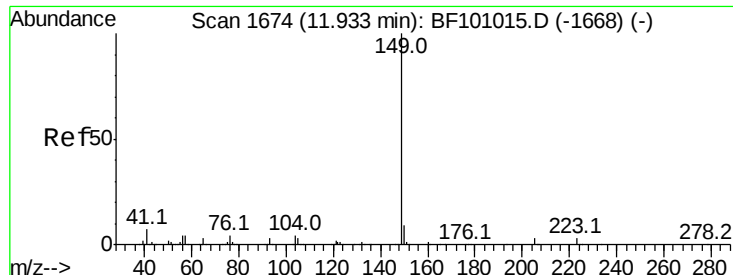
Tot Ion:178 Resp: 346307
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 32.364 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Tgt Ion:167 Resp: 302272
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 32.136 ng

RT: 11.91 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampleId :

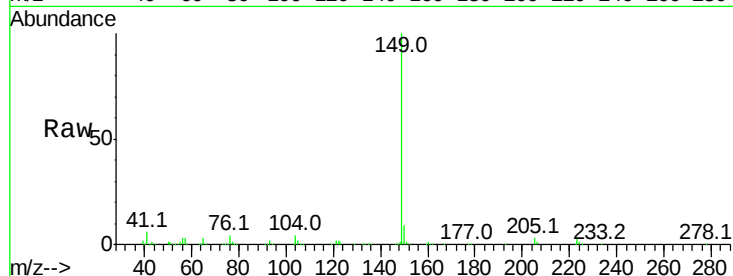
Tot Ion:149 Resp: 376194

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

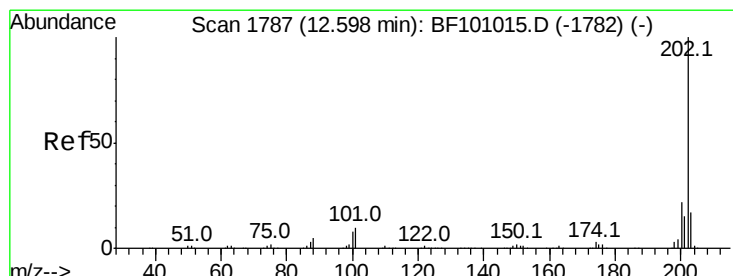
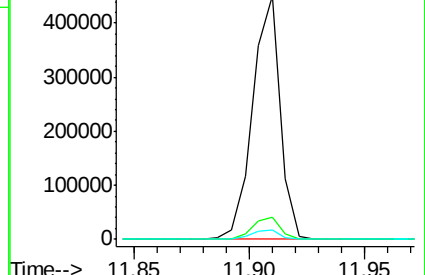
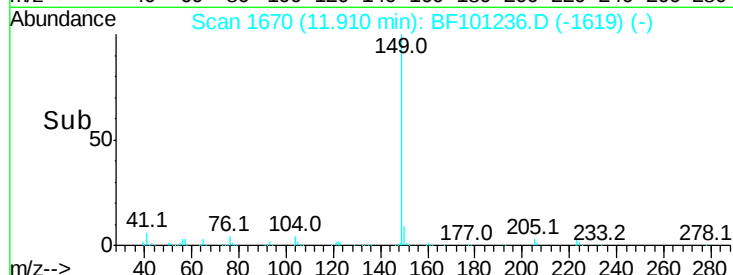
104 4.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.544 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

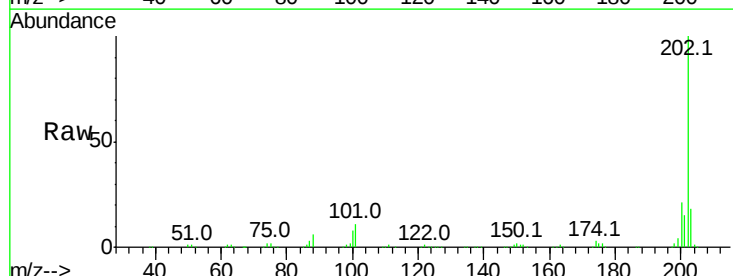
Tgt Ion:202 Resp: 364355

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

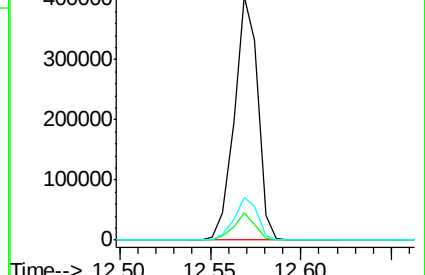
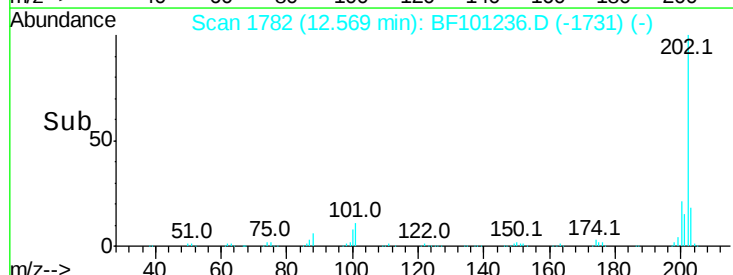
203 17.6 0.0 38.1

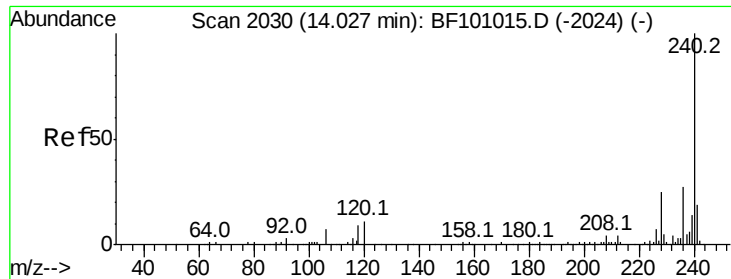


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

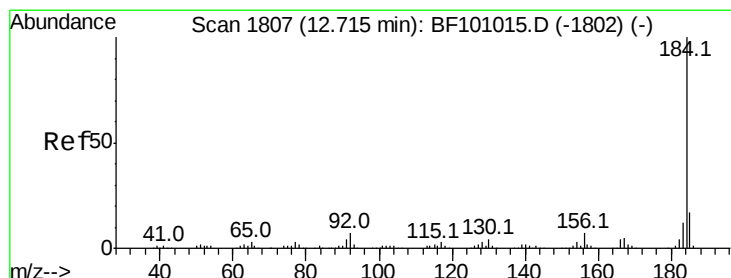
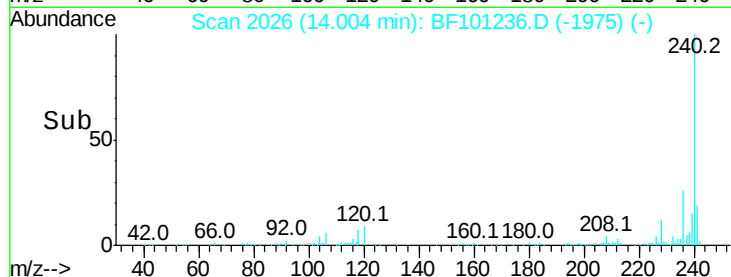
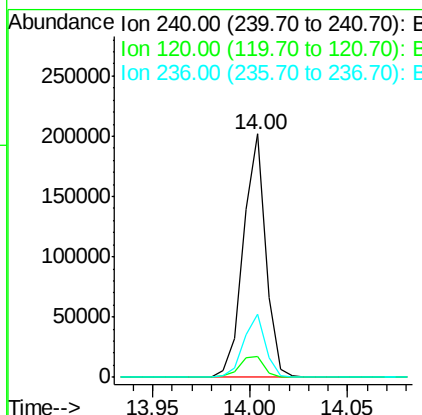
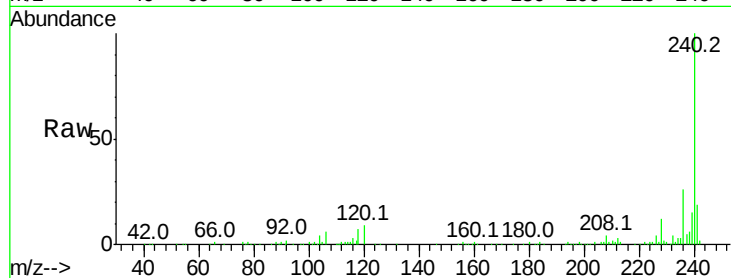




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

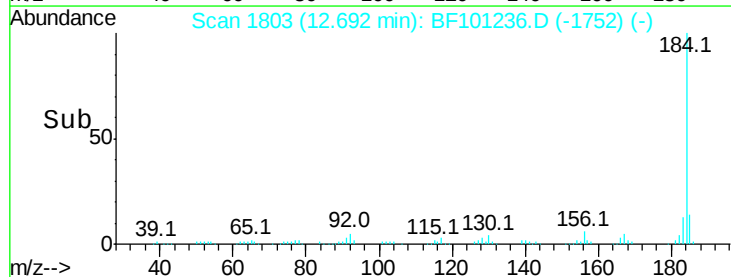
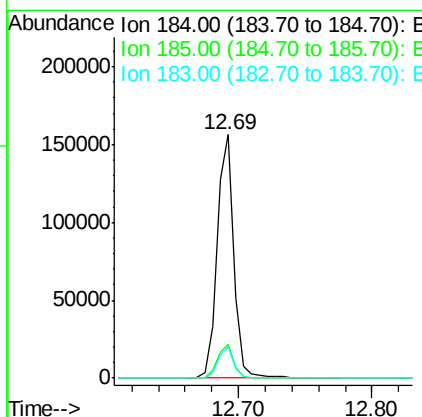
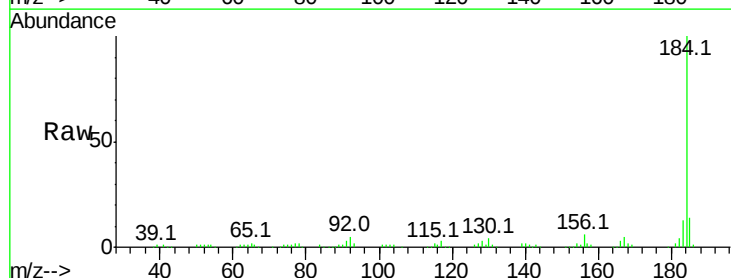
Instrument :
 BNA_F
 ClientSampled :

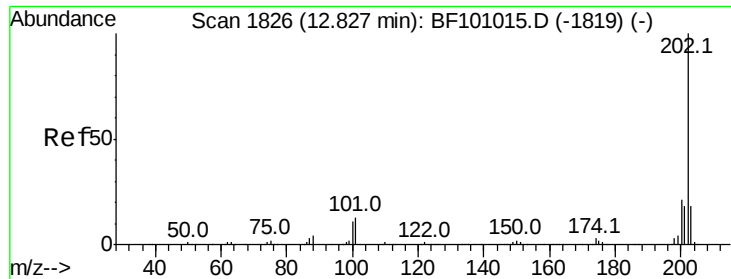
Tot Ion:240 Resp: 160643
 Ion Ratio Lower Upper
 240 100
 120 8.8 9.5 14.3#
 236 26.0 20.7 31.1



#76
 Benzidine
 Concen: 26.207 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Tgt Ion:184 Resp: 136902
 Ion Ratio Lower Upper
 184 100
 185 14.0 12.6 18.8
 183 12.6 9.3 13.9

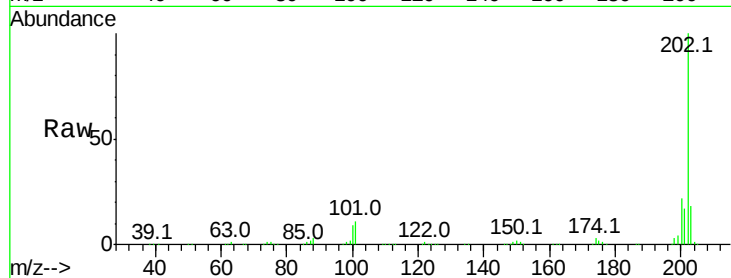




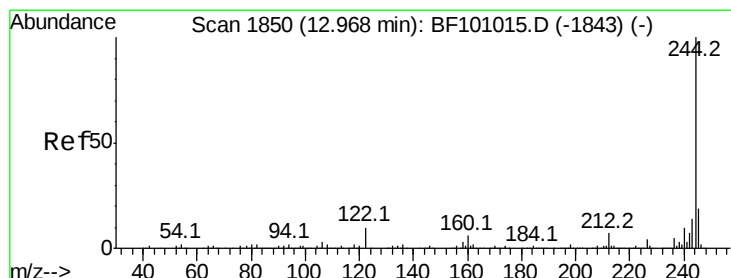
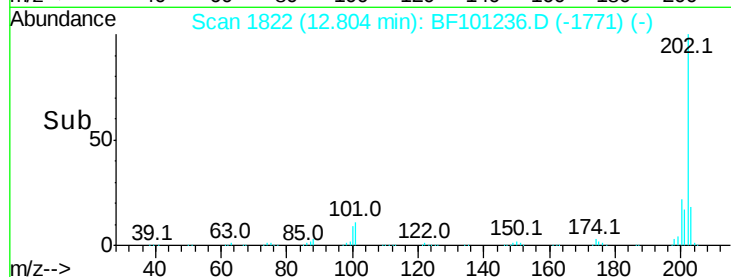
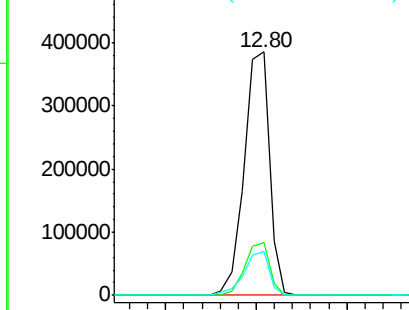
#77
 Pvrene
 Concen: 33.849 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5

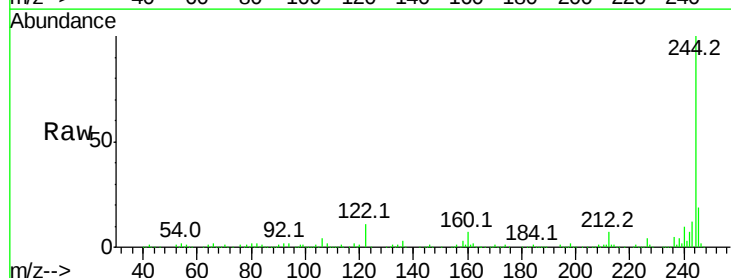


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

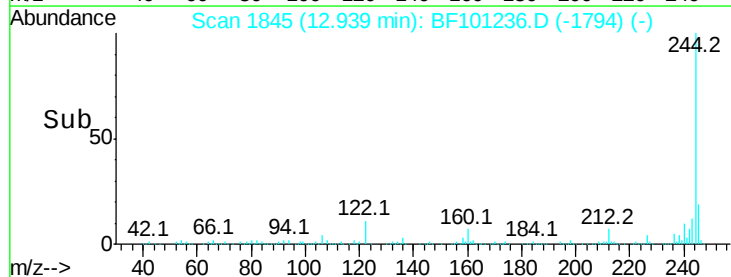
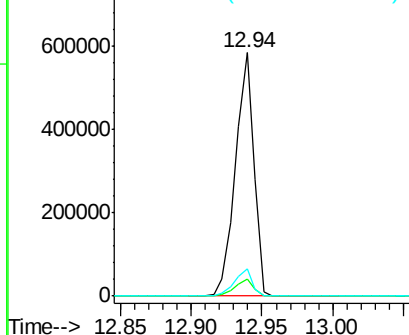


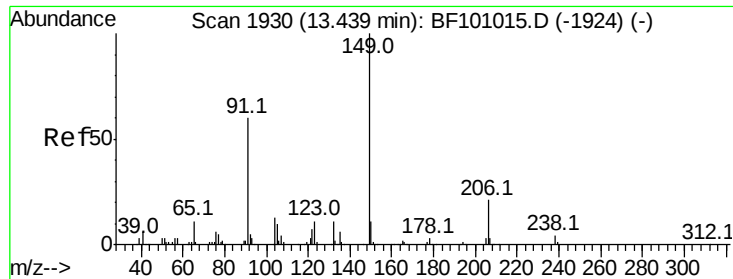
#78
 Terphenyl-d14
 Concen: 72.333 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.0	11.0	16.4



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

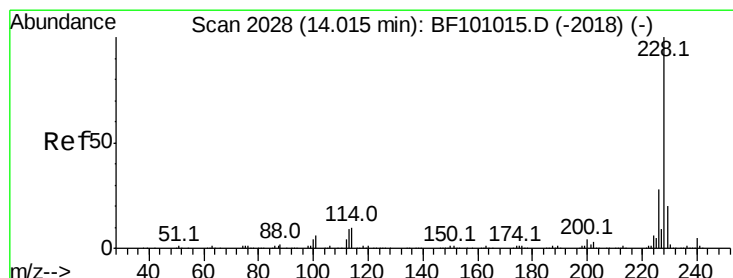
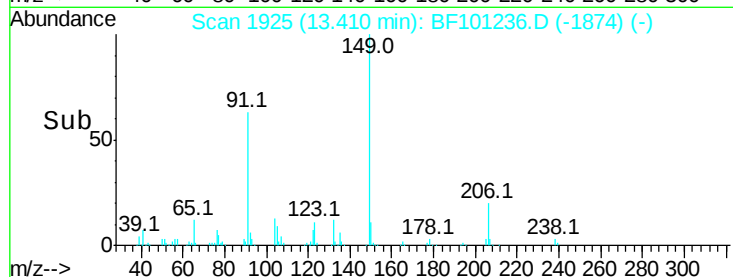
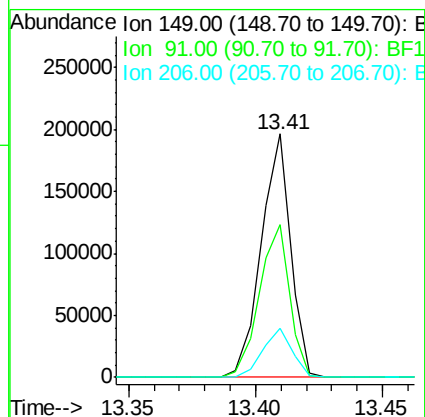
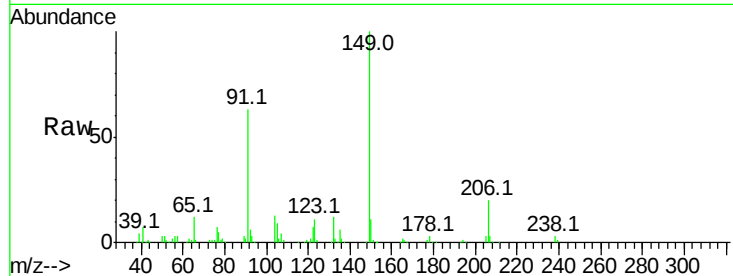




#79
Butylbenzylphthalate
Concen: 32.693 ng
RT: 13.41 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

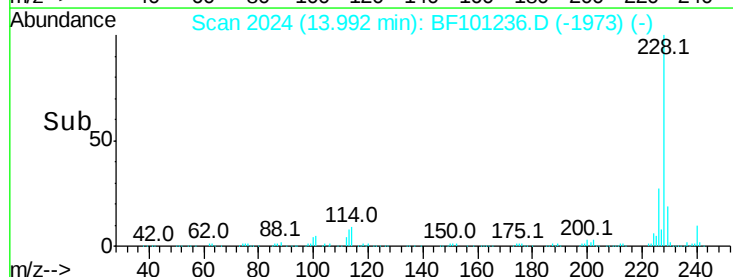
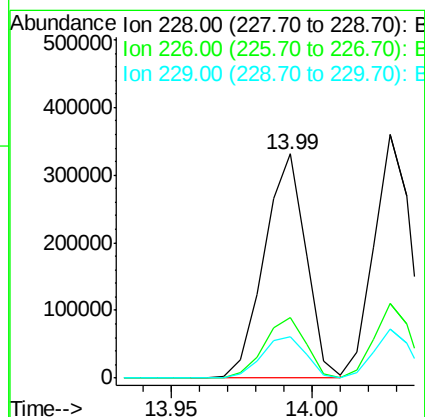
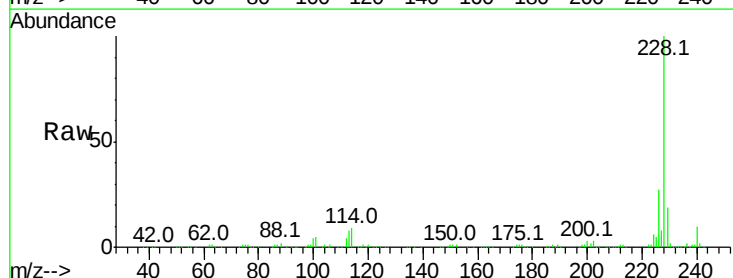
Instrument :
BNA_F
ClientSampled :

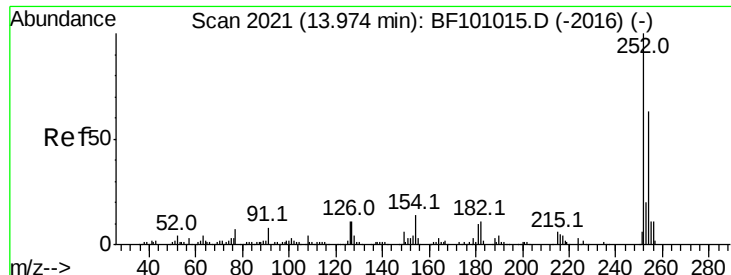
Tot Ion:149 Resp: 159779
Ion Ratio Lower Upper
149 100
91 62.6 56.8 85.2
206 20.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 33.327 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion:228 Resp: 338023
Ion Ratio Lower Upper
228 100
226 26.8 22.6 33.8
229 18.6 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 17.288 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampled :

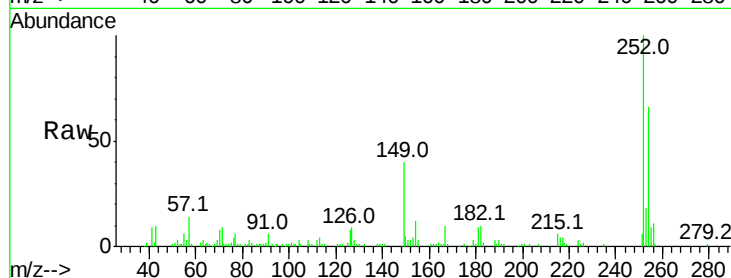
Tot Ion:252 Resp: 60726

Ion Ratio Lower Upper

252 100

254 66.5 50.4 75.6

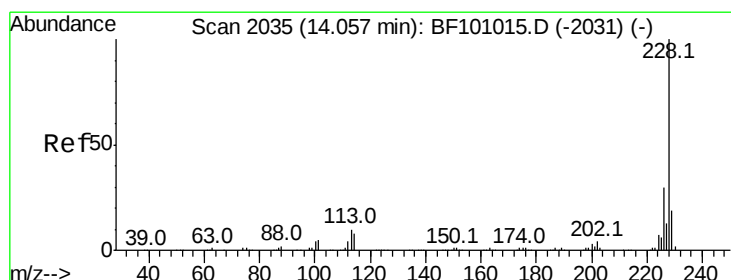
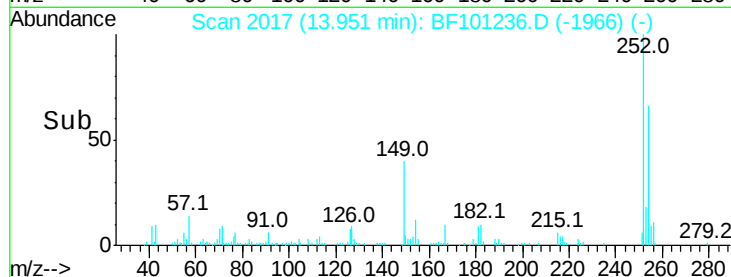
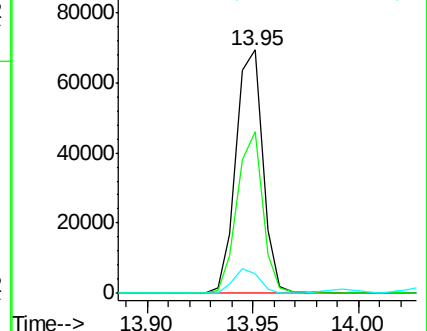
126 8.2 11.3 16.9#



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



#82

Chrysene

Concen: 33.921 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

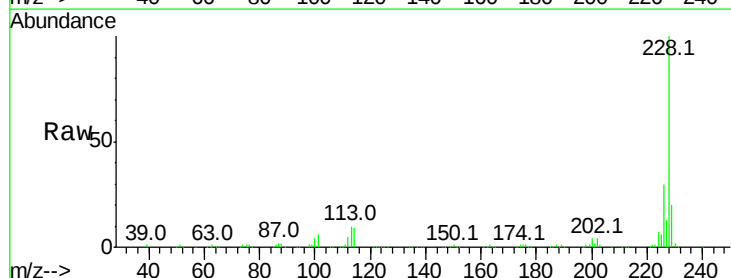
Tgt Ion:228 Resp: 319532

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

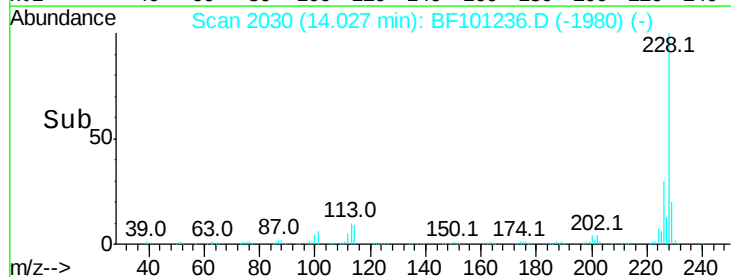
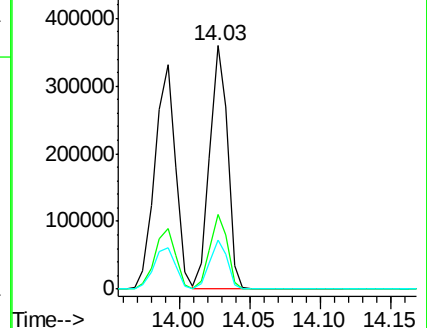
229 20.2 16.2 24.4

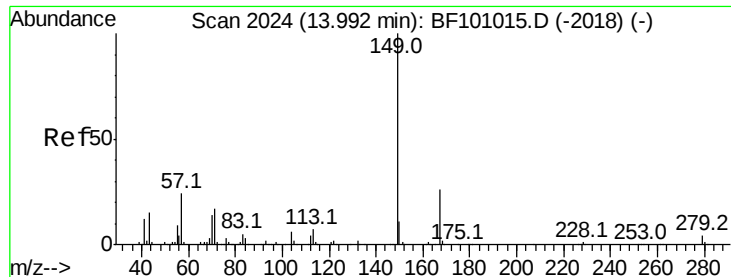


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

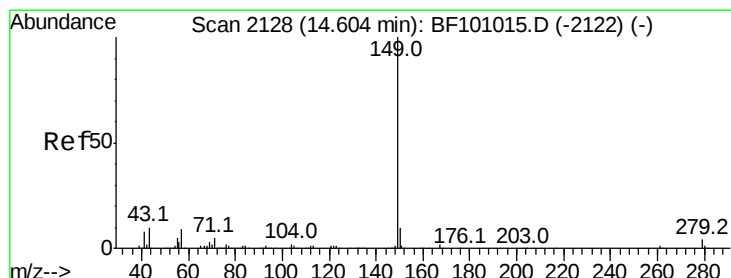
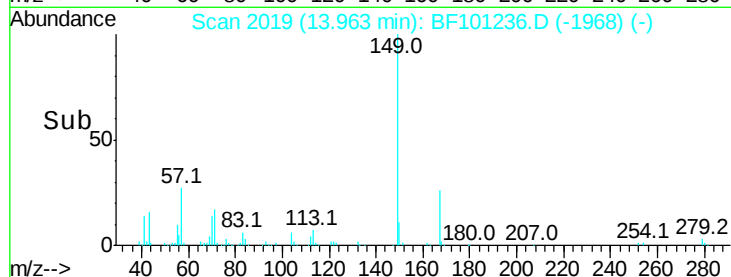
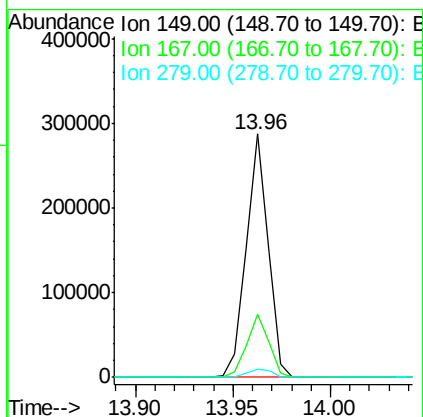
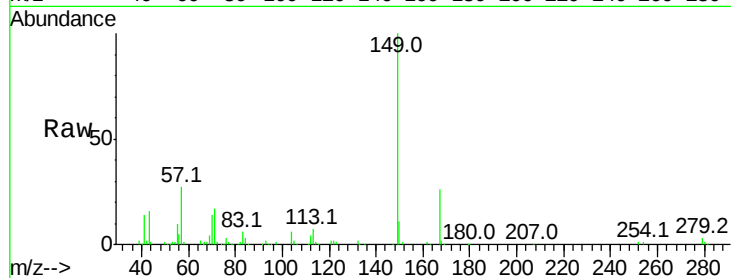




#83
Bis(2-ethylhexyl)phthalate
Concen: 32.151 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

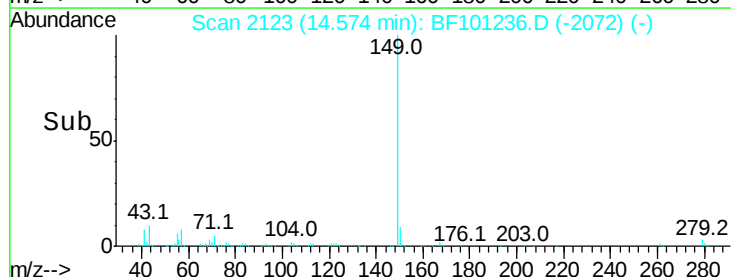
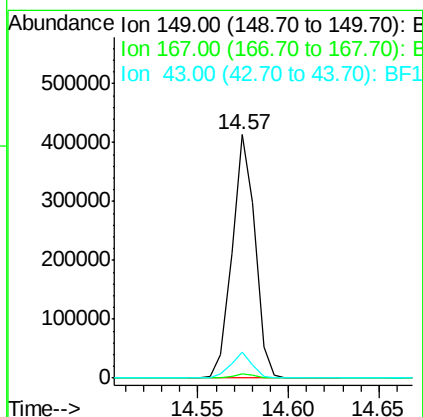
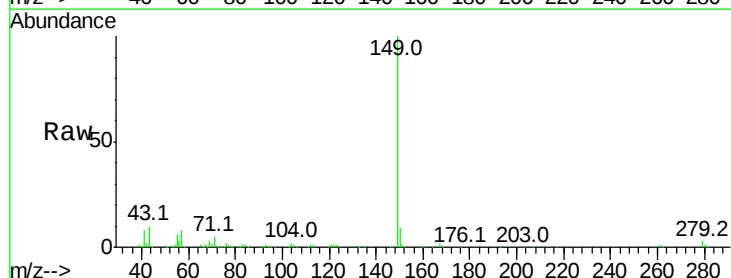
Instrument :
BNA_F
ClientSampleId :

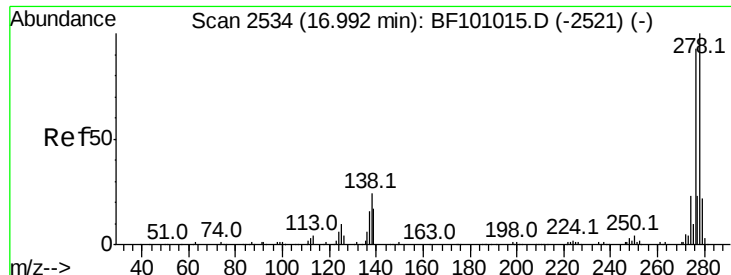
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.4	3.0	4.4



#84
Di-n-octyl phthalate
Concen: 31.170 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.3	8.4	12.6

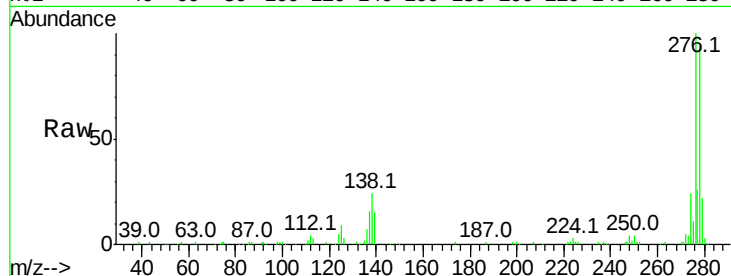




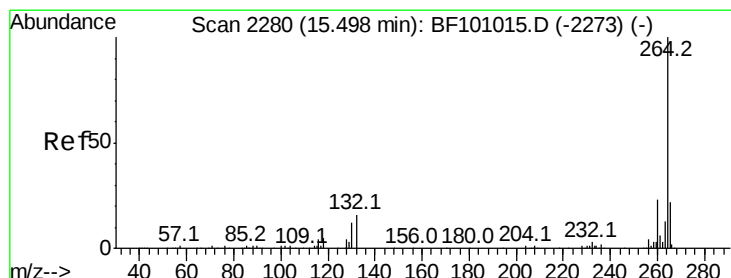
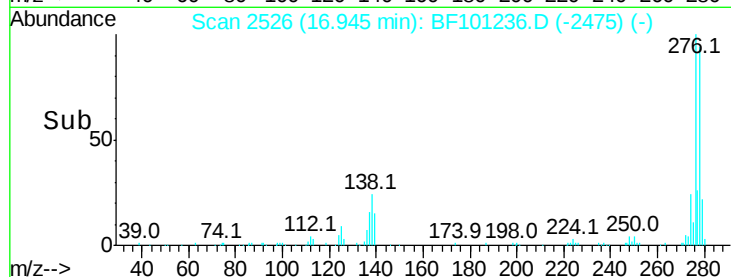
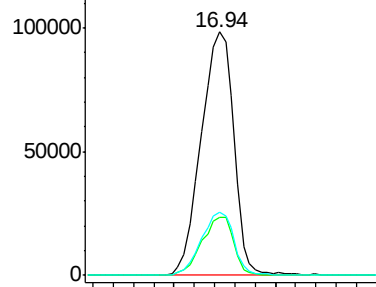
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.401 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.2	25.0	37.6#
277	25.7	20.1	30.1

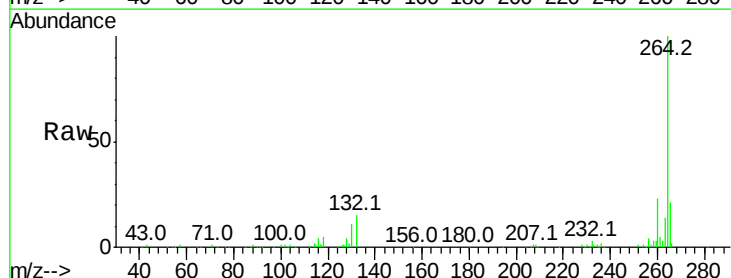


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

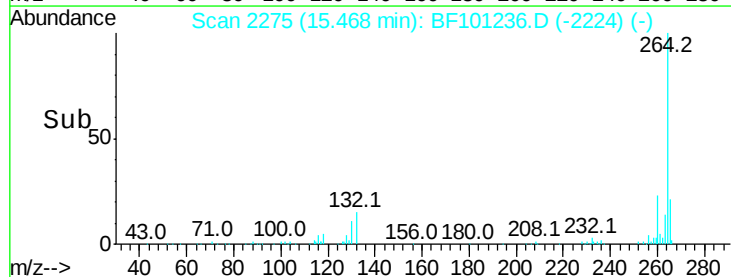
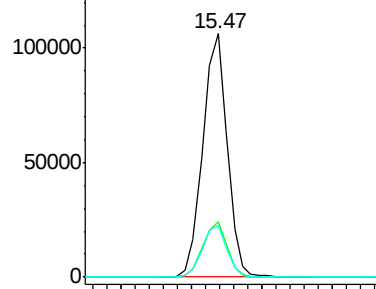


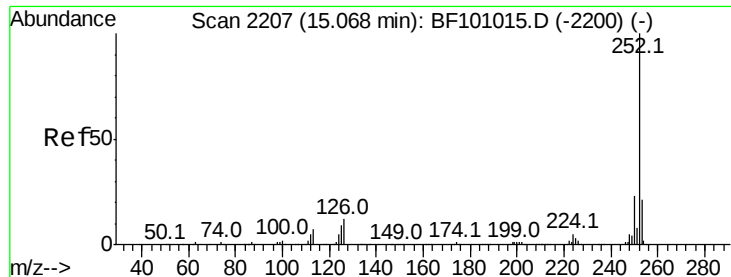
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.0	17.5	26.3



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

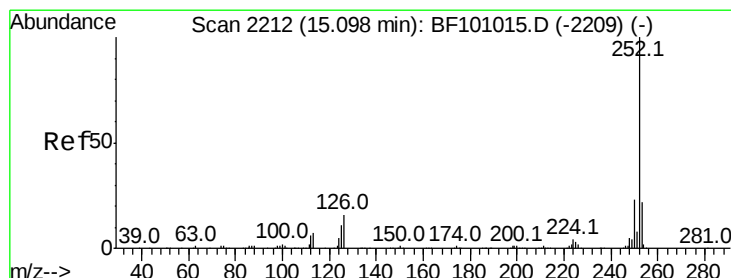
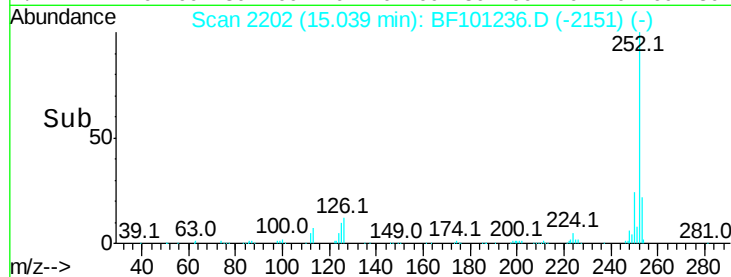
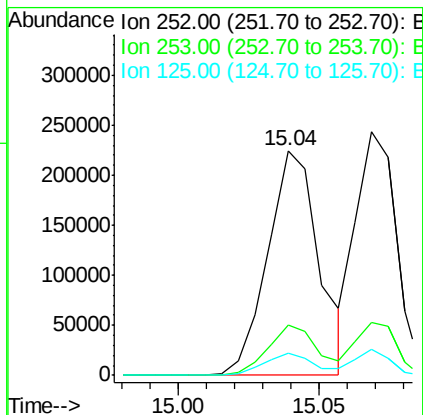
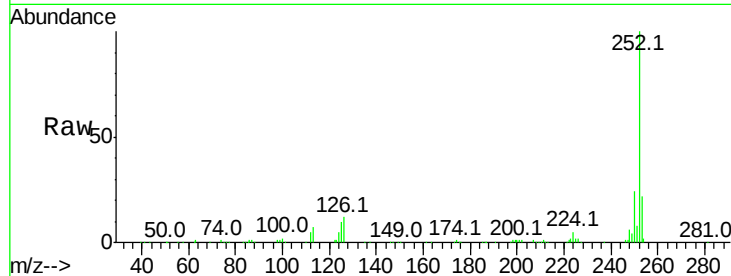




#87
Benzo(b)fluoranthene
Concen: 37.107 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

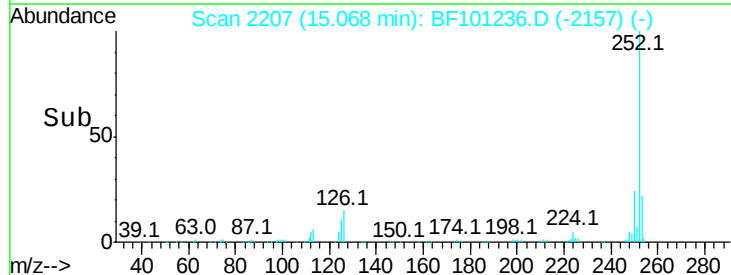
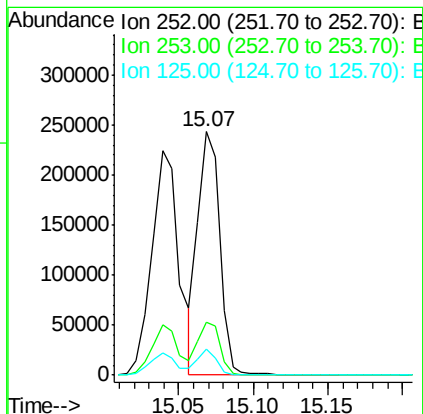
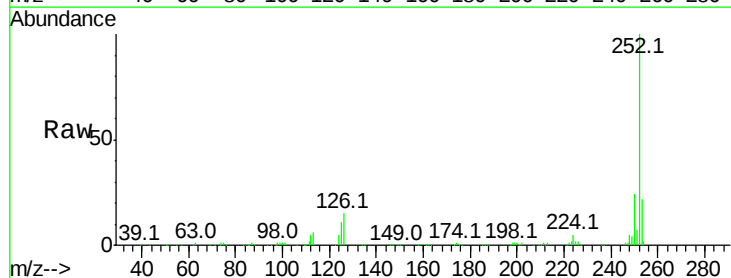
Instrument :
BNA_F
ClientSampleId :

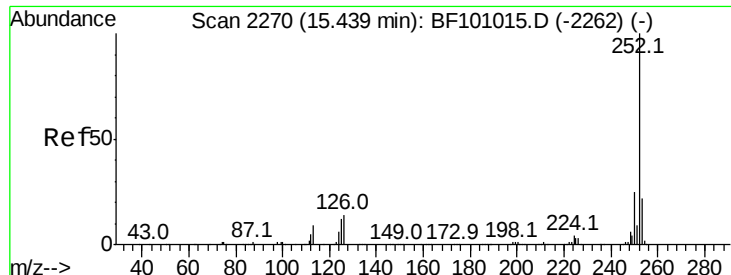
Tot Ion:252 Resp: 284956
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 9.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 32.630 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF101236.D
Acq: 8 Dec 2017 15:29

Tgt Ion:252 Resp: 246878
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 10.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 35.078 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

Instrument :

BNA_F

ClientSampled :

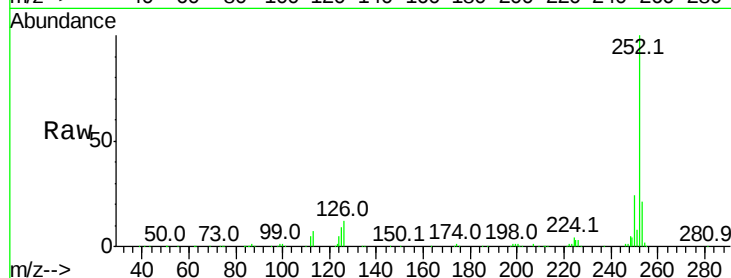
Tot Ion:252 Resp: 244899

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

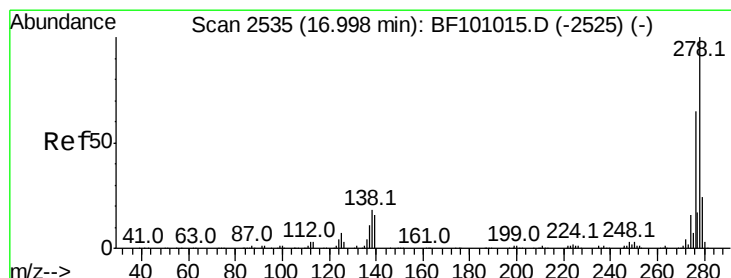
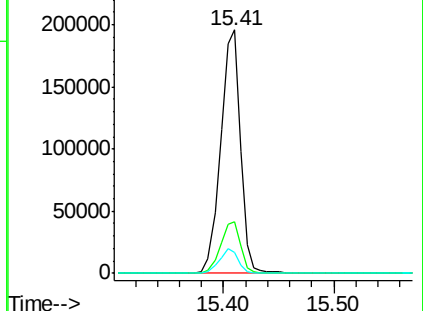
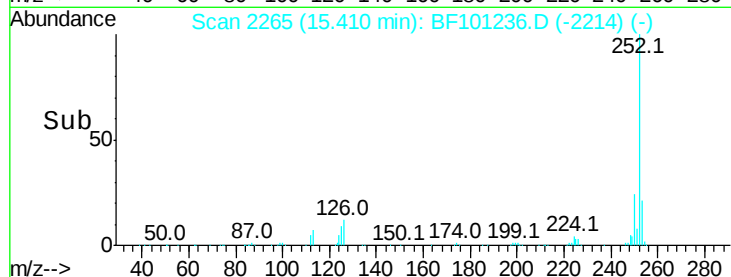
125 8.8 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 30.113 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF101236.D

Acq: 8 Dec 2017 15:29

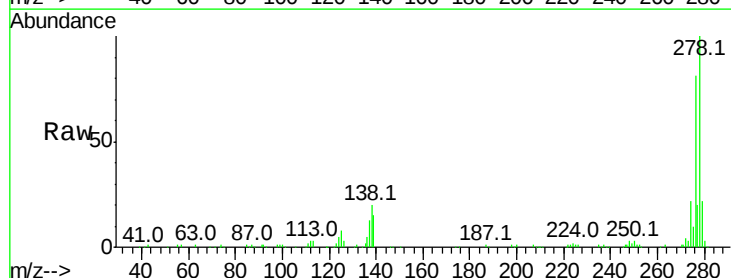
Tgt Ion:278 Resp: 185344

Ion Ratio Lower Upper

278 100

139 14.7 15.9 23.9#

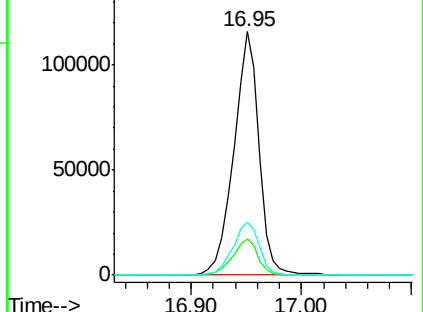
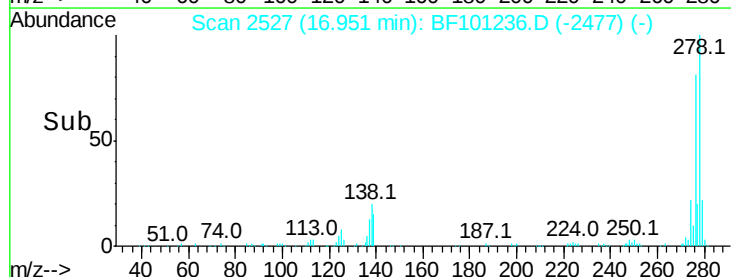
279 21.8 19.0 28.4

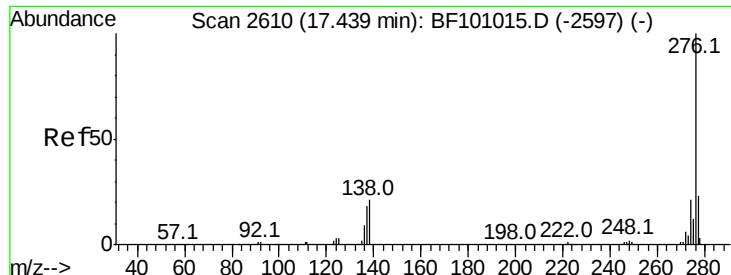


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

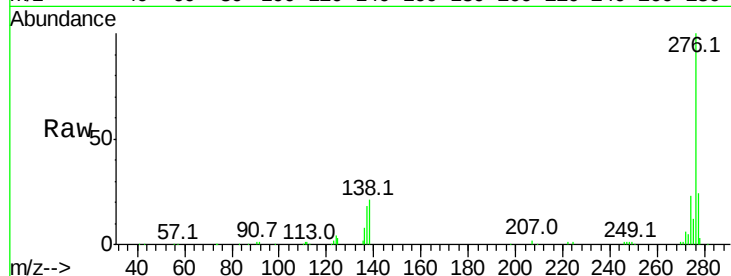




#91
 Benzo(a,h,i)perylene
 Concen: 31.179 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BF101236.D
 Acq: 8 Dec 2017 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	21.1	21.8	32.8



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

