

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100342.D
 Acq On : 9 Nov 2017 15:17
 Operator : SJ/JU
 Sample : PB103997BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 16:08:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	136546	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	512694	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	203918	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	345340	20.00	ng	0.00
75) Chrysene-d12	14.07	240	281405	20.00	ng	0.00
86) Perylene-d12	15.54	264	203411	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1003504	117.81	ng	0.02
7) Phenol-d6	6.53	99	1197365	113.99	ng	0.00
23) Nitrobenzene-d5	7.47	82	734132	94.67	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	235537	113.35	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1284684	95.93	ng	0.00
78) Terphenyl-d14	13.01	244	1030289	84.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	154655	37.255	ng	93
3) Pyridine	3.56	79	426501	37.659	ng	94
4) n-Nitrosodimethylamine	3.50	42	208966	38.003	ng	95
6) Aniline	6.57	93	274939	18.527	ng	98
8) 2-Chlorophenol	6.69	128	362554	40.233	ng	96
9) Benzaldehyde	6.45	77	130822	17.440	ng	98
10) Phenol	6.54	94	448147	40.641	ng	97
11) bis(2-Chloroethyl)ether	6.64	93	363061	39.198	ng	96
12) 1,3-Dichlorobenzene	6.85	146	414981	39.942	ng	98
13) 1,4-Dichlorobenzene	6.92	146	411891	39.170	ng	98
14) 1,2-Dichlorobenzene	7.07	146	380666	39.153	ng	98
15) Benzyl Alcohol	7.04	79	310429	37.867	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	662810	44.742	ng	96
17) 2-Methylphenol	7.15	107	310754	40.353	ng	98
18) Hexachloroethane	7.42	117	107523	31.012	ng	98
19) n-Nitroso-di-n-propylamine	7.31	70	258722	35.516	ng	92
20) 3+4-Methylphenols	7.30	107	374648	38.445	ng	94
22) Acetophenone	7.31	105	487075	38.960	ng	# 95
24) Nitrobenzene	7.49	77	375963	47.104	ng	96
25) Isophorone	7.72	82	698543	42.866	ng	99
26) 2-Nitrophenol	7.80	139	163814	44.248	ng	97
27) 2,4-Dimethylphenol	7.83	122	336659	46.085	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	448279	42.054	ng	99
29) 2,4-Dichlorophenol	8.04	162	292122	41.888	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	313964	41.620	ng	96
31) Naphthalene	8.21	128	987983	40.009	ng	100
32) Benzoic acid	7.92	122	109828	25.171	ng	98
33) 4-Chloroaniline	8.25	127	128131	12.465	ng	99
34) Hexachlorobutadiene	8.32	225	185142	41.278	ng	97
35) Caprolactam	8.58	113	5796	2.422	ng	95
36) 4-Chloro-3-methylphenol	8.73	107	288914	38.574	ng	99
37) 2-Methylnaphthalene	8.90	142	646969	39.463	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	291266	43.068	ng	97
40) Hexachlorocyclopentadiene	9.05	237	70959	22.293	ng	98

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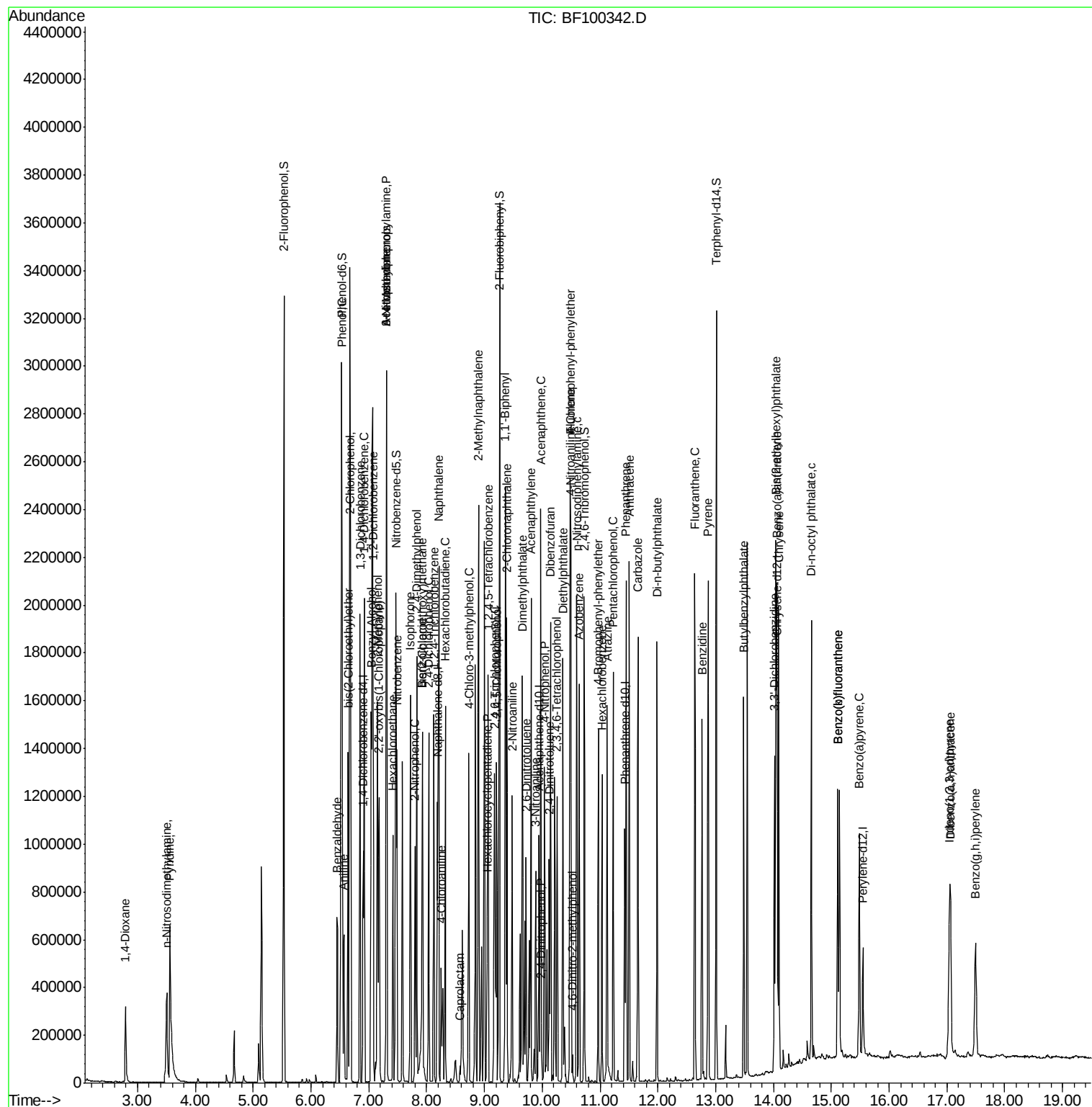
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	189794	44.280	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	194135	43.715	ng	94
45) 1,1'-Biphenyl	9.36	154	749473	42.495	ng	99
46) 2-Chloronaphthalene	9.39	162	561906	43.917	ng	97
47) 2-Nitroaniline	9.48	65	185655	49.042	ng	95
48) Acenaphthylene	9.80	152	845348	39.867	ng	99
49) Dimethylphthalate	9.66	163	677204	43.496	ng	99
50) 2,6-Dinitrotoluene	9.72	165	129508	42.022	ng	92
51) Acenaphthene	9.97	154	492719	38.208	ng	99
52) 3-Nitroaniline	9.89	138	124643	34.250	ng	96
53) 2,4-Dinitrophenol	9.99	184	15652	22.392	ng	# 18
54) Dibenzofuran	10.15	168	727904	40.273	ng	99
55) 4-Nitrophenol	10.04	139	203420	68.839	ng	96
56) 2,4-Dinitrotoluene	10.12	165	154860	39.831	ng	# 92
57) Fluorene	10.49	166	524964	39.648	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	148737	40.866	ng	# 87
59) Diethylphthalate	10.36	149	645849	41.452	ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	267400	41.168	ng	93
61) 4-Nitroaniline	10.50	138	138021	39.997	ng	93
62) Azobenzene	10.64	77	571601	38.952	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	14662	15.477	ng	81
65) n-Nitrosodiphenylamine	10.60	169	513186	42.738	ng	96
66) 4-Bromophenyl-phenylether	10.97	248	161976	43.754	ng	90
67) Hexachlorobenzene	11.03	284	164837	42.573	ng	93
68) Atrazine	11.12	200	159875	43.984	ng	98
69) Pentachlorophenol	11.23	266	190335	68.556	ng	98
70) Phenanthrene	11.45	178	749671	41.230	ng	99
71) Anthracene	11.50	178	772708	41.887	ng	100
72) Carbazole	11.66	167	684761	40.230	ng	99
73) Di-n-butylphthalate	11.99	149	908394	45.604	ng	99
74) Fluoranthene	12.64	202	808193	41.940	ng	99
76) Benzidine	12.76	184	550656	48.862	ng	98
77) Pyrene	12.87	202	834069	41.579	ng	99
79) Butylbenzylphthalate	13.49	149	379731	46.418	ng	# 93
80) Benzo(a)anthracene	14.06	228	711761	42.001	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	262319	43.204	ng	99
82) Chrysene	14.09	228	685694	41.785	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	542405	50.412	ng	99
84) Di-n-octyl phthalate	14.66	149	904378	48.928	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	462599	34.852	ng	97
87) Benzo(b)fluoranthene	15.11	252	546018	45.309	ng	99
88) Benzo(k)fluoranthene	15.11	252	546018	47.953	ng	99
89) Benzo(a)pyrene	15.49	252	475497	44.507	ng	100
90) Dibenzo(a,h)anthracene	17.06	278	396399	45.369	ng	98
91) Benzo(g,h,i)perylene	17.50	276	385227	45.041	ng	95

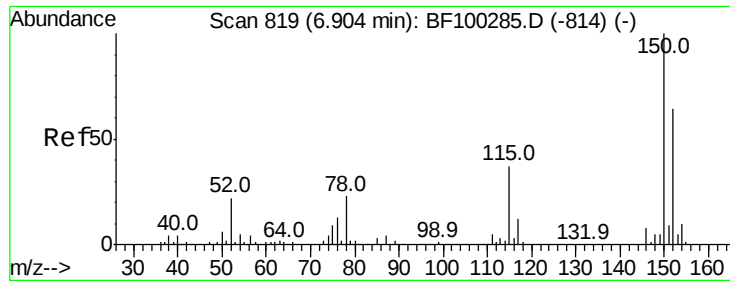
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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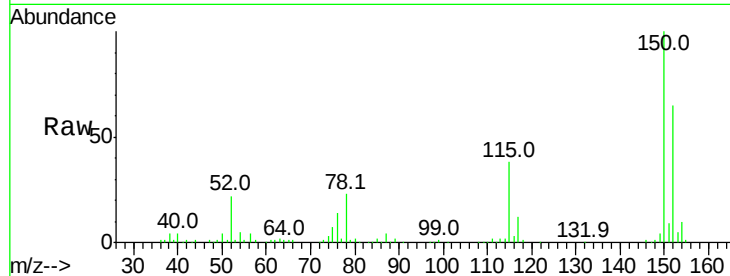


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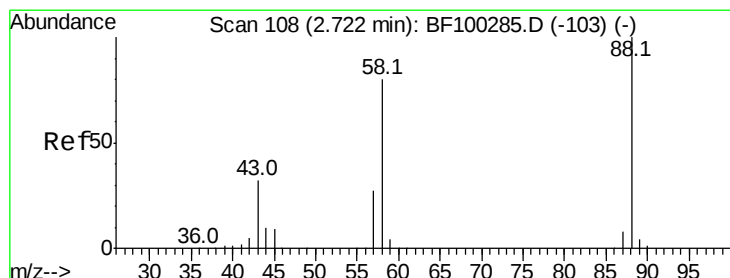
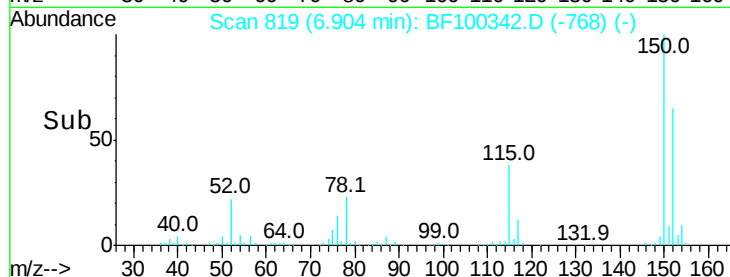
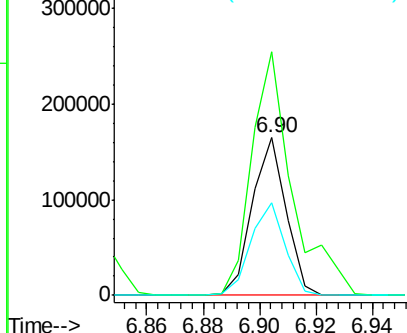
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136546
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 59.0 50.1 75.1



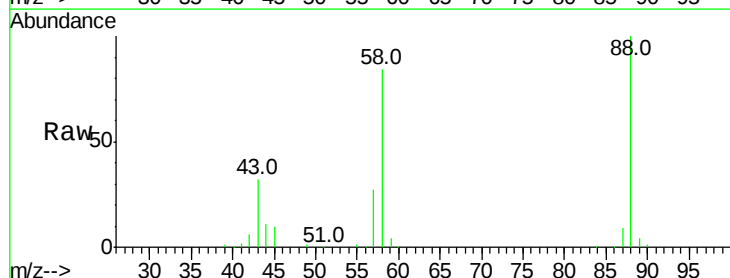
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



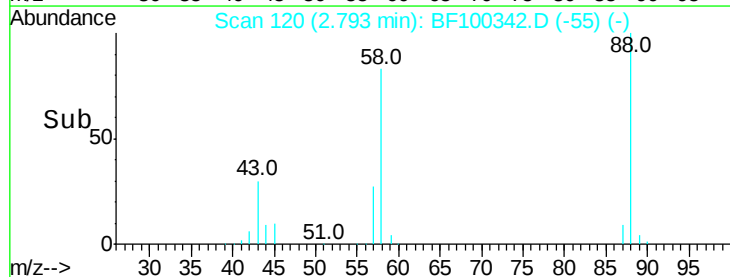
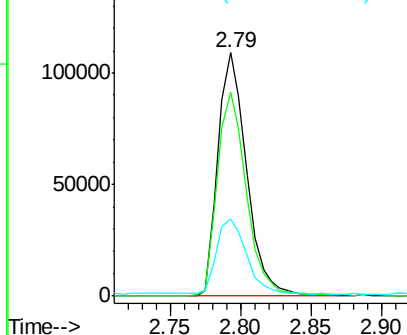
#2

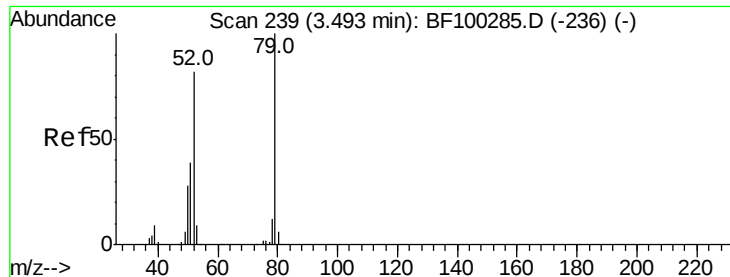
1,4-Dioxane
Concen: 37.255 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.08 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Tgt Ion: 88 Resp: 154655
Ion Ratio Lower Upper
88 100
58 85.3 62.6 93.8
43 32.9 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

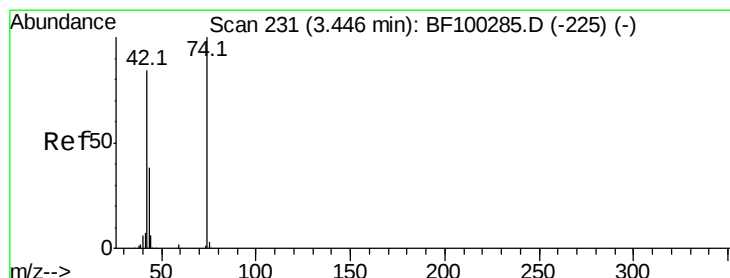
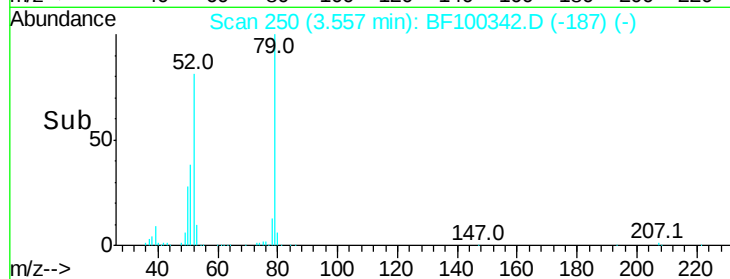
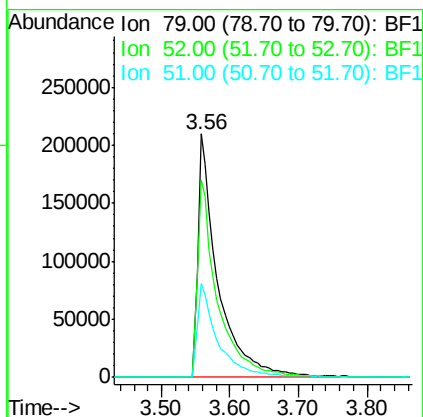
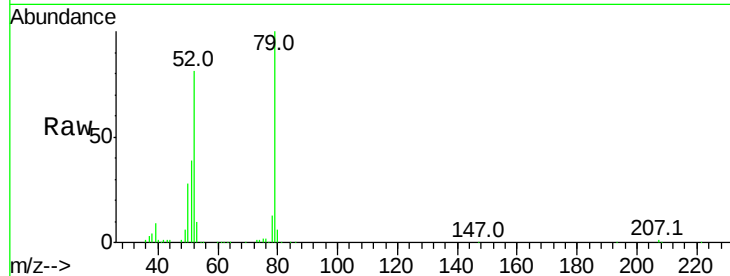




#3
 Pvridine
 Concen: 37.659 ng
 RT: 3.56 min Scan# 250
 Delta R.T. 0.07 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

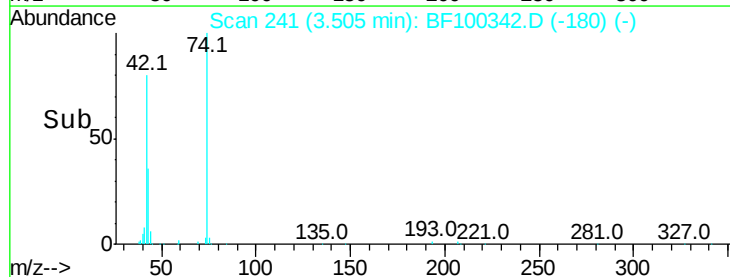
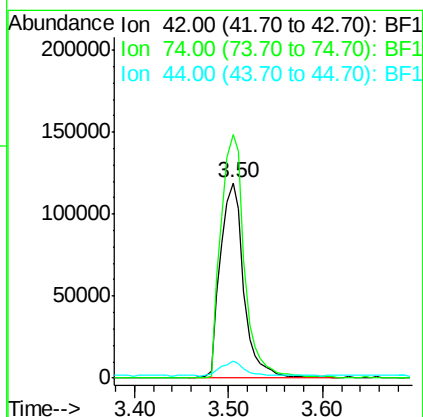
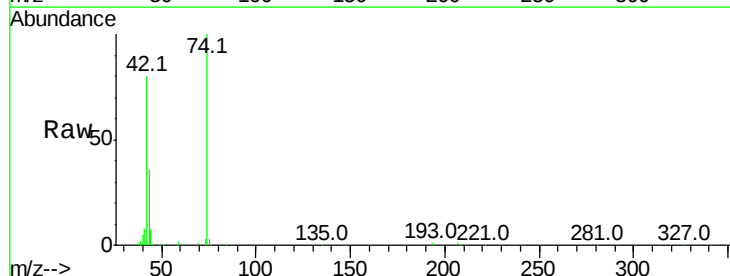
Instrument :
 BNA_F
 ClientSampleId :

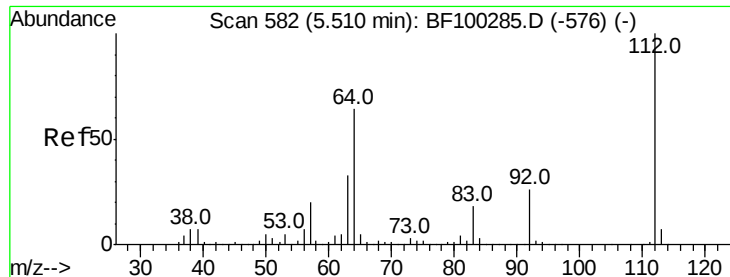
Tot Ion: 79 Resp: 426501
 Ion Ratio Lower Upper
 79 100
 52 81.2 59.8 89.6
 51 38.5 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 38.003 ng
 RT: 3.50 min Scan# 241
 Delta R.T. 0.06 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion: 42 Resp: 208966
 Ion Ratio Lower Upper
 42 100
 74 124.6 104.9 157.3
 44 8.4 6.9 10.3





#5

2-Fluorophenol

Concen: 117.807 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :
BNA_F
ClientSampled :

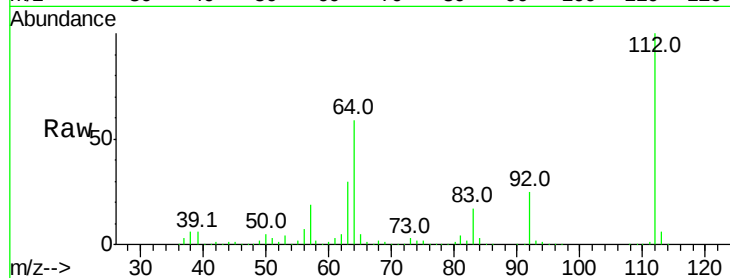
Tot Ion:112 Resp: 1003504

Ion Ratio Lower Upper

112 100

64 59.2 47.9 71.9

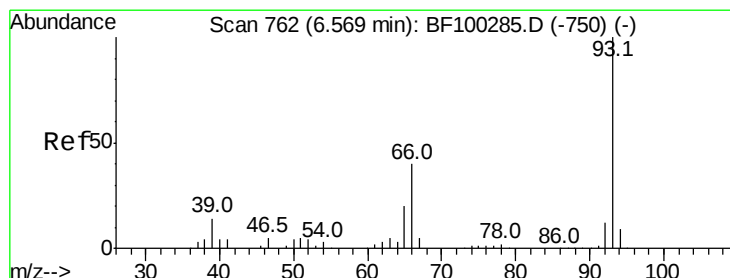
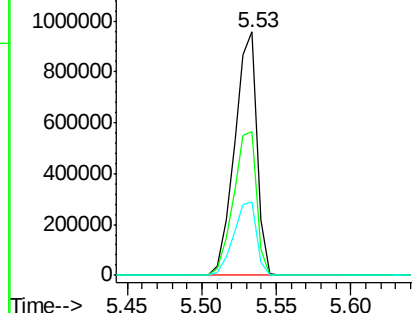
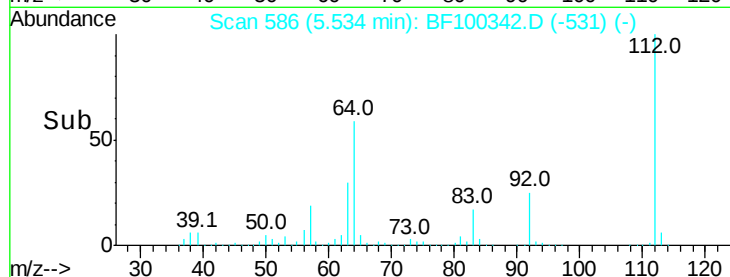
63 29.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.527 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

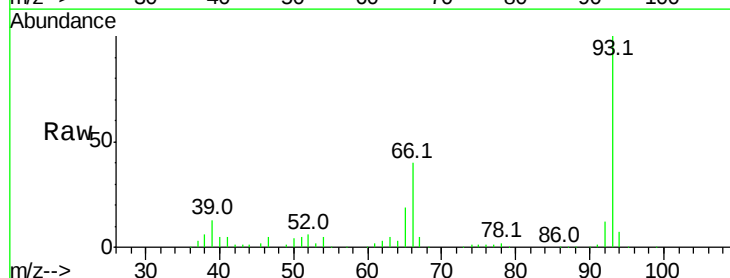
Tgt Ion: 93 Resp: 274939

Ion Ratio Lower Upper

93 100

66 39.6 32.2 48.2

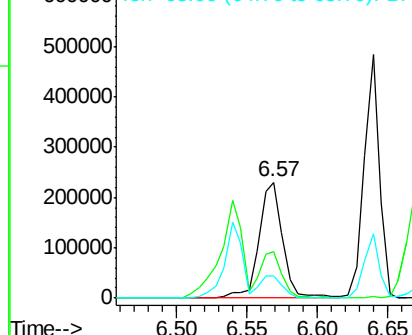
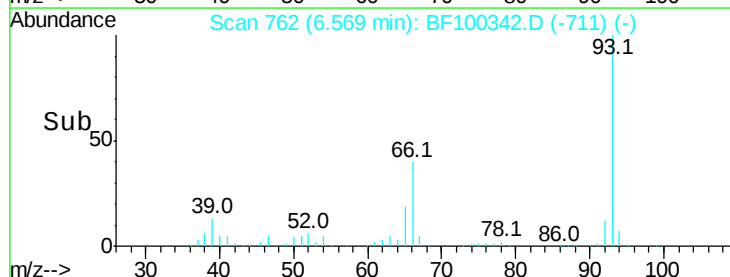
65 19.2 16.4 24.6

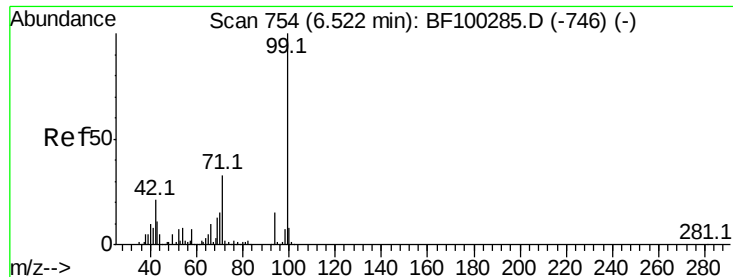


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.990 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampled :

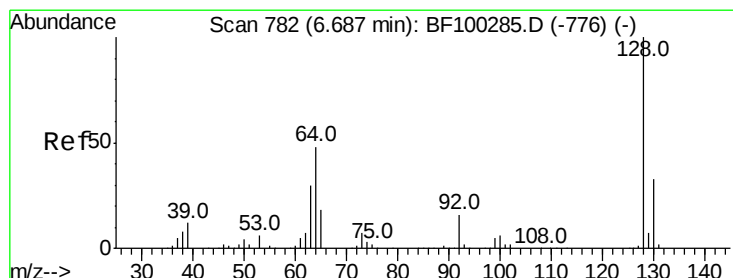
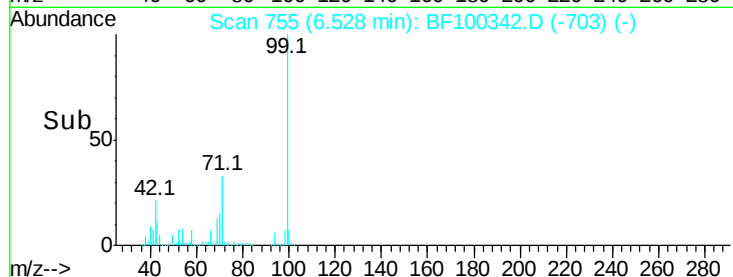
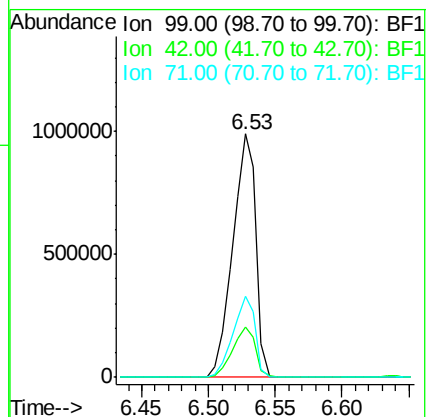
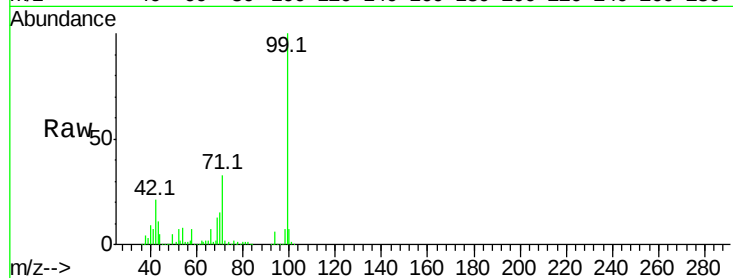
Tot Ion: 99 Resp: 1197365

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

71 33.2 25.4 38.0



#8

2-Chlorophenol

Concen: 40.233 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

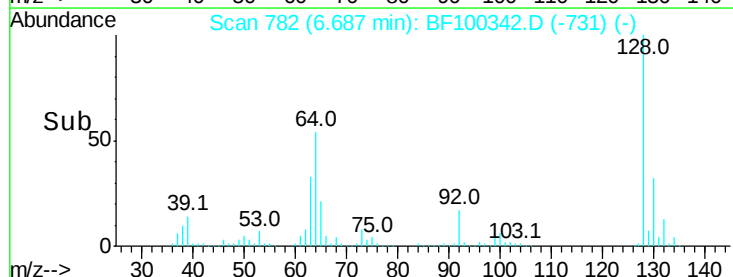
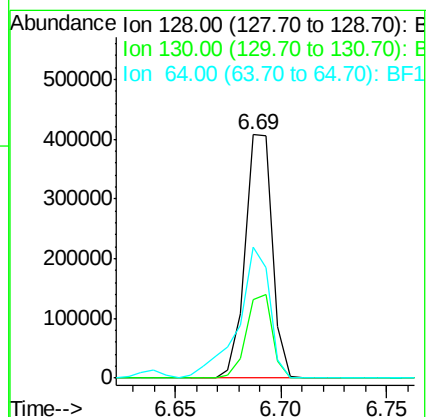
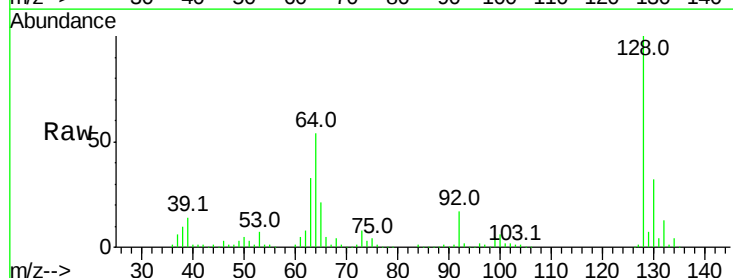
Tgt Ion: 128 Resp: 362554

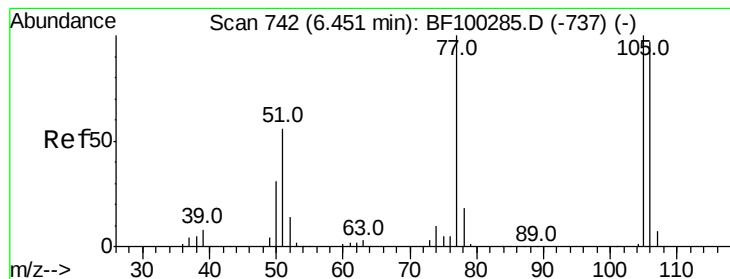
Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

64 53.7 29.4 69.4





#9

Benzaldehyde

Concen: 17.440 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF100342.D

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ClientSampleId :

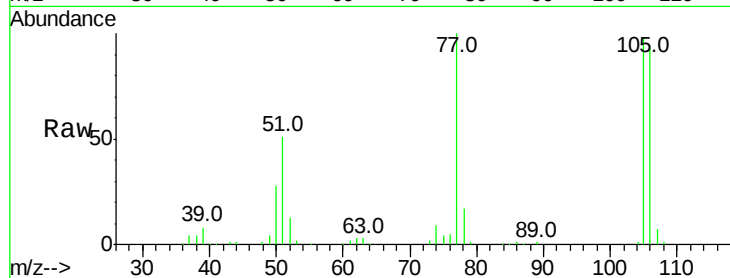
Tot Ion: 77 Resp: 130822

Ion Ratio Lower Upper

77 100

105 98.5 81.1 121.1

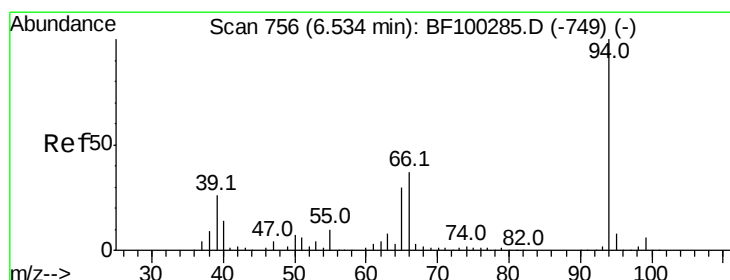
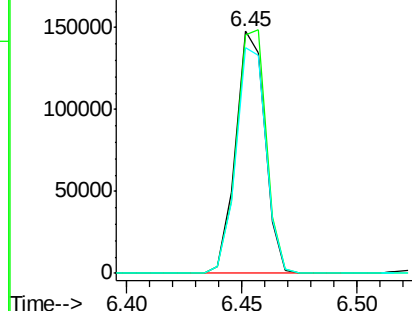
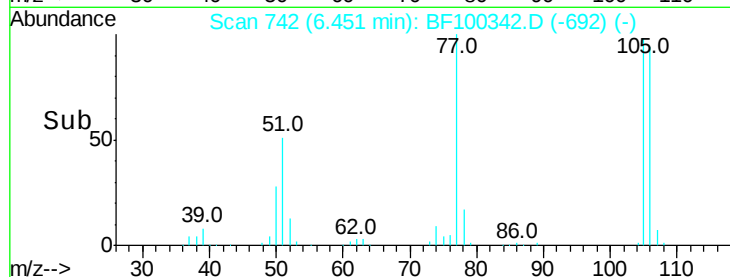
106 93.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.641 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

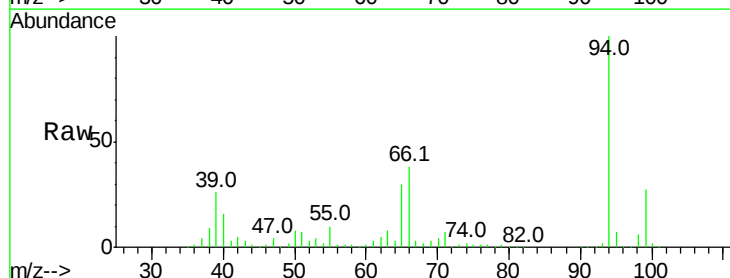
Tgt Ion: 94 Resp: 448147

Ion Ratio Lower Upper

94 100

65 29.8 7.9 47.9

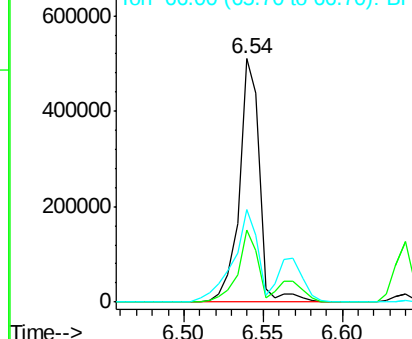
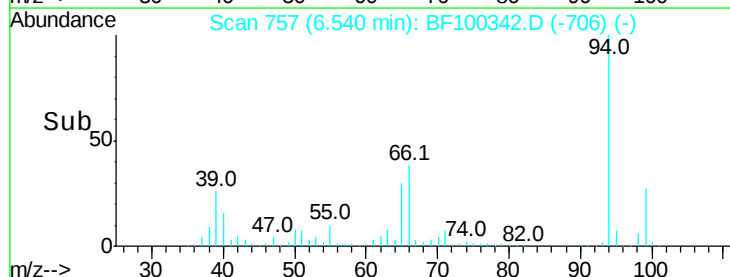
66 38.1 16.2 56.2

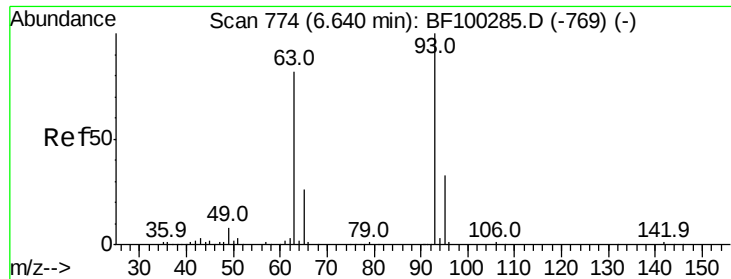


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.198 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

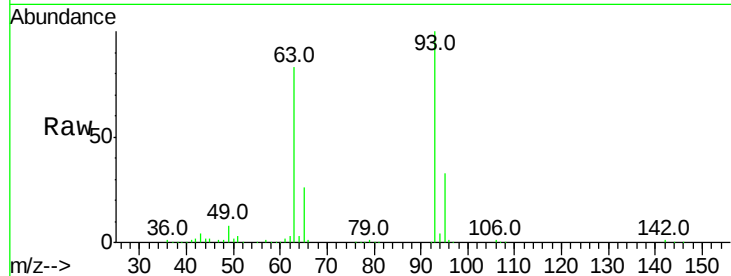
Tot Ion: 93 Resp: 363061

Ion Ratio Lower Upper

93 100

63 83.1 58.6 98.6

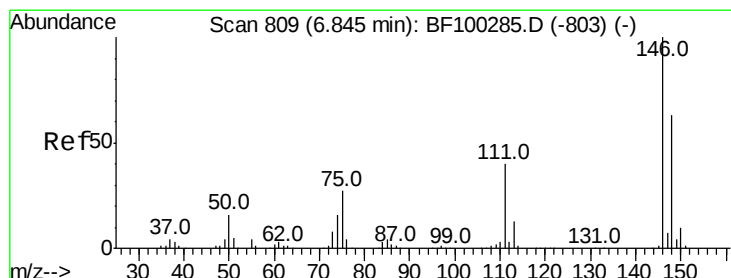
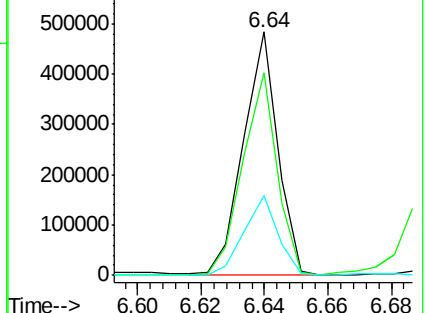
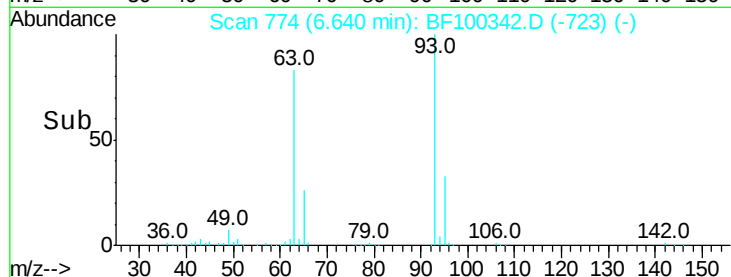
95 32.6 11.8 51.8



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: 39.942 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

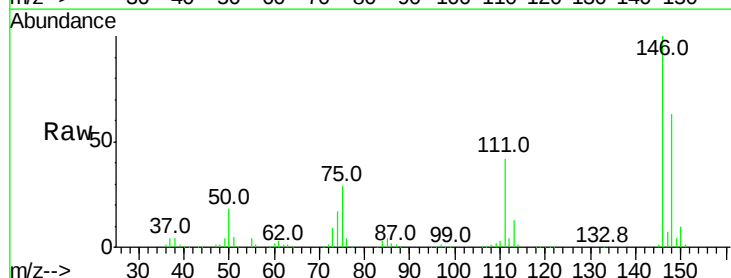
Tgt Ion: 146 Resp: 414981

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.8

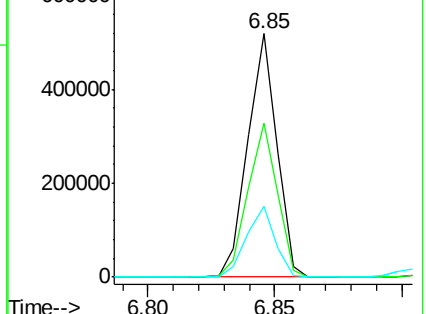
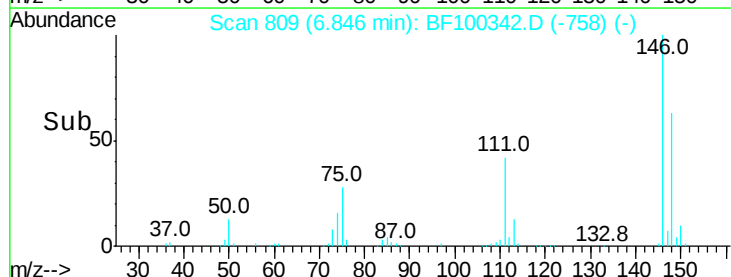
75 28.9 24.2 36.4

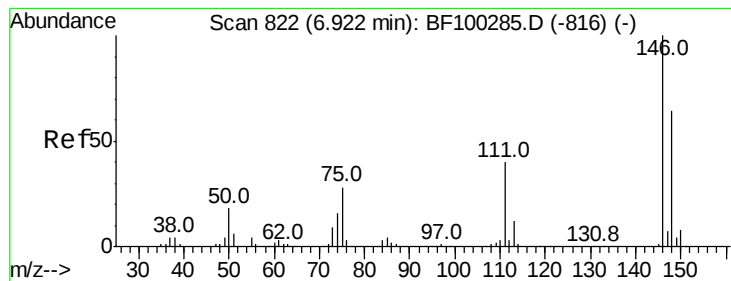


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.170 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

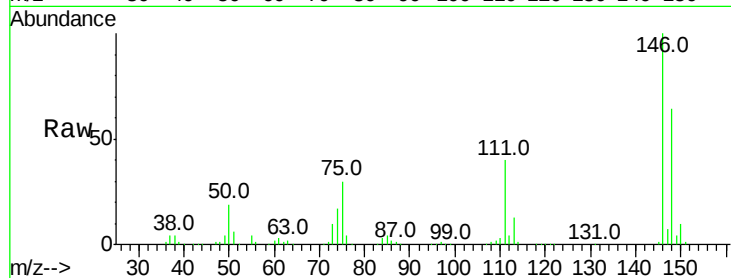
Tot Ion:146 Resp: 411891

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

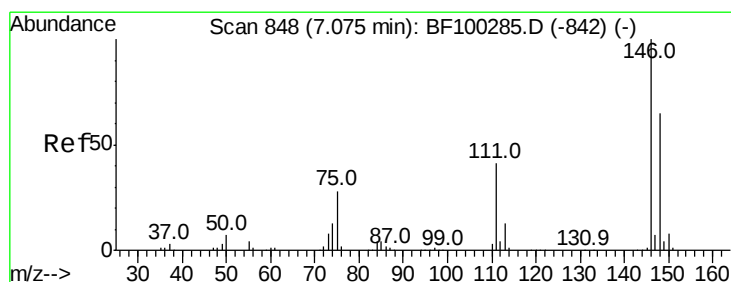
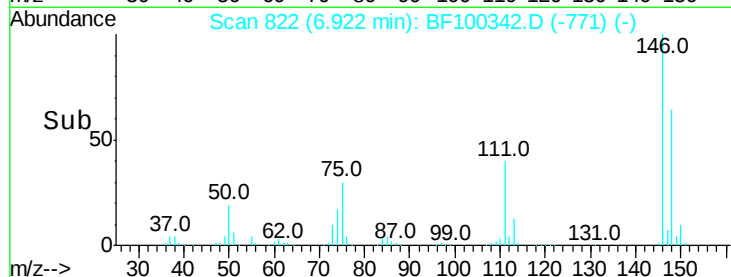
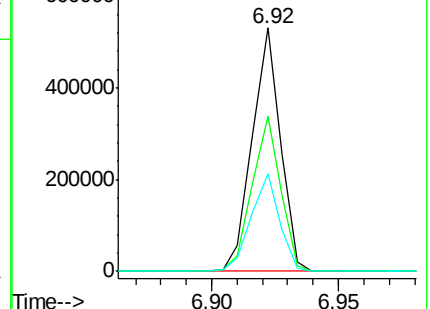
111 40.2 34.2 51.2



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: 39.153 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

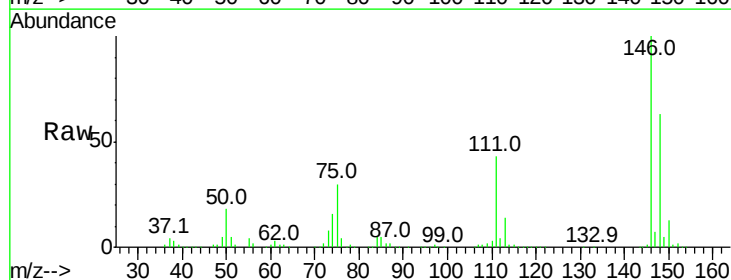
Tgt Ion:146 Resp: 380666

Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

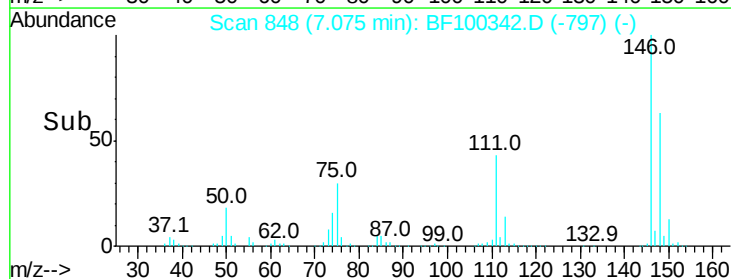
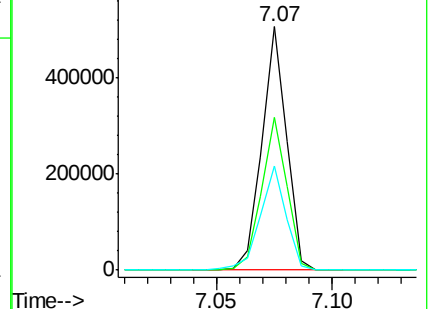
111 42.9 36.0 54.0

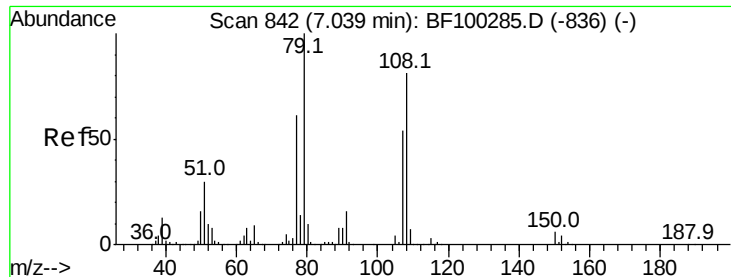


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.867 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

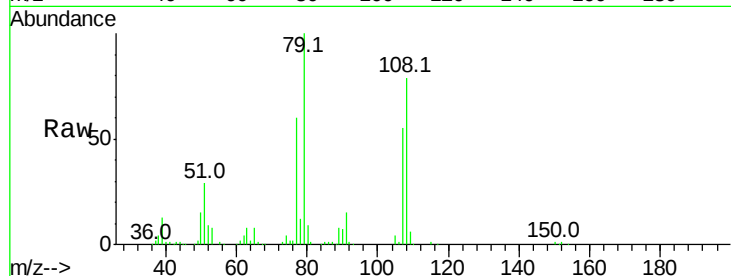
Tot Ion: 79 Resp: 310429

Ion Ratio Lower Upper

79 100

108 78.8 65.1 97.7

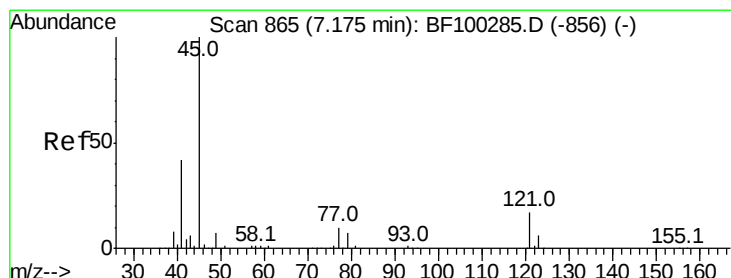
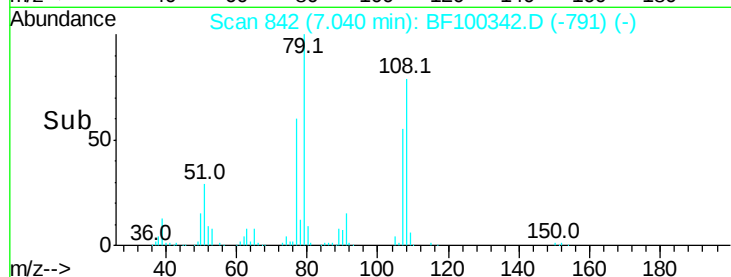
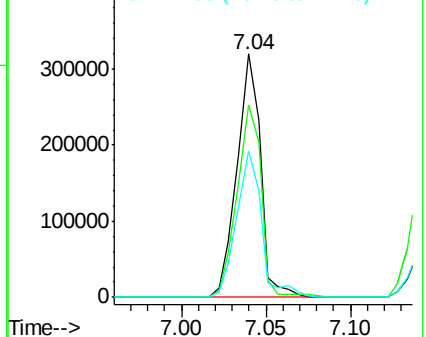
77 60.1 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.742 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

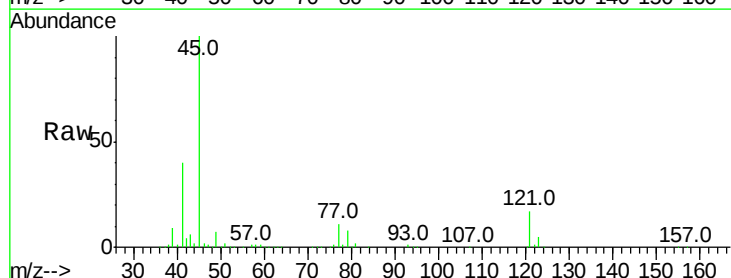
Tgt Ion: 45 Resp: 662810

Ion Ratio Lower Upper

45 100

77 11.2 0.0 32.9

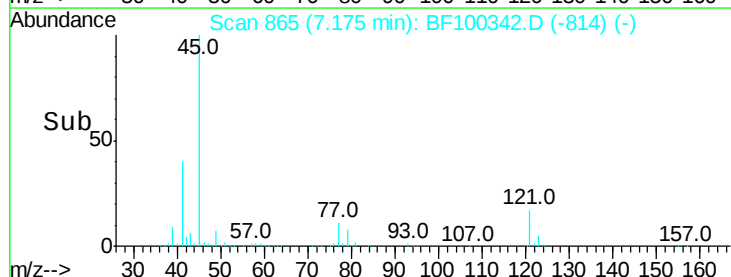
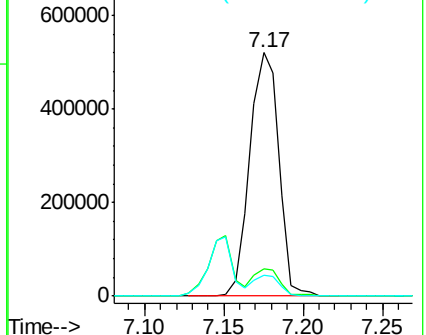
79 8.4 0.0 29.6

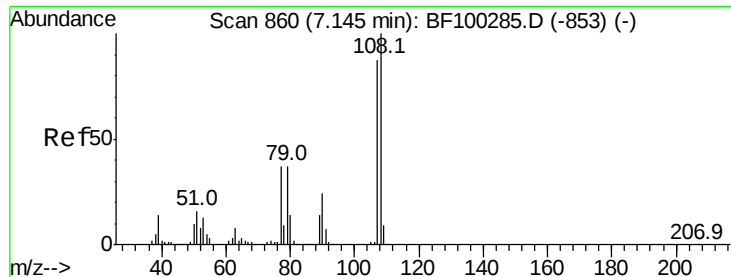


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.353 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.01 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 310754

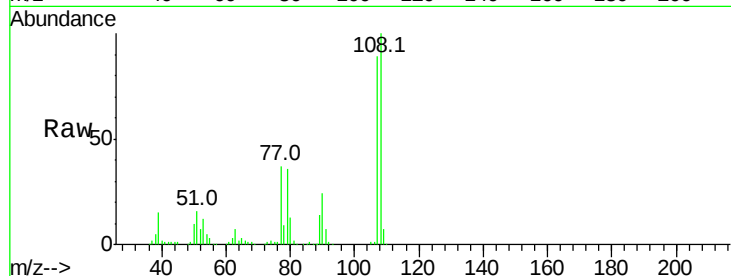
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

77 41.6 33.8 50.8

79 40.1 33.8 50.8

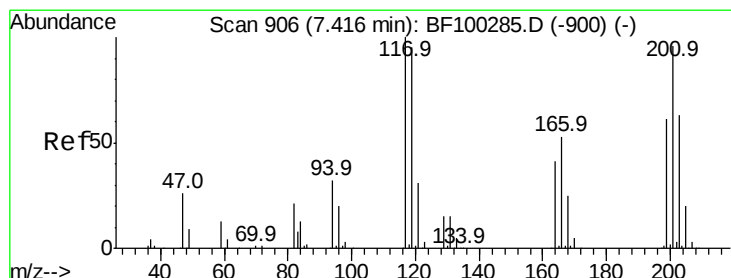
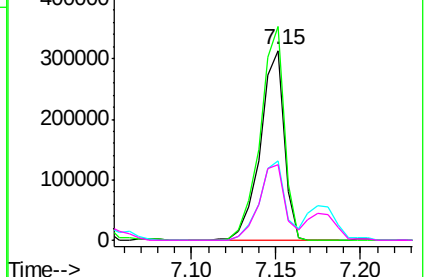
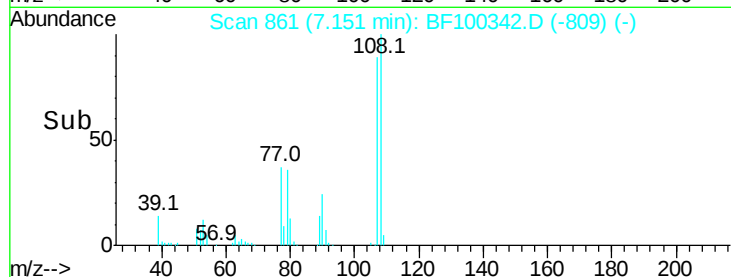


Abundance Ion 107.00 (106.70 to 107.70): E

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: 31.012 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

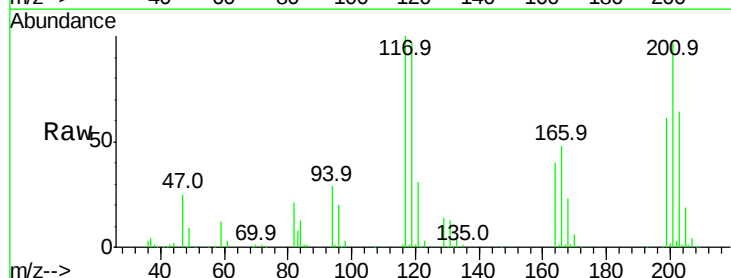
Tgt Ion:117 Resp: 107523

Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.8

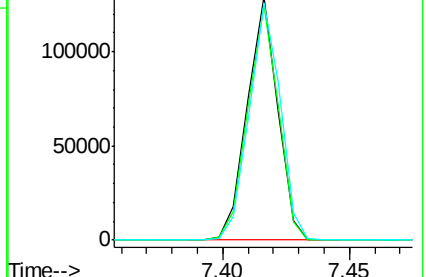
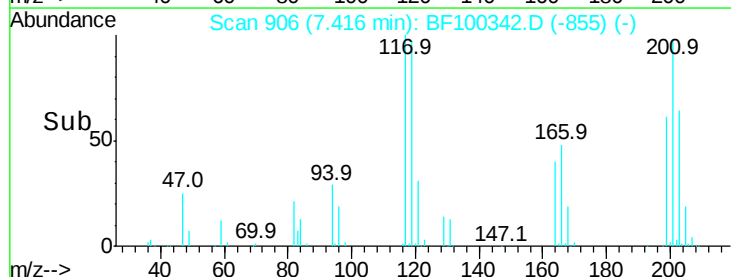
201 97.3 75.7 113.5

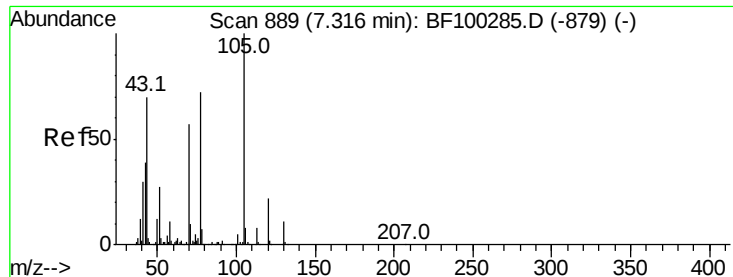


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

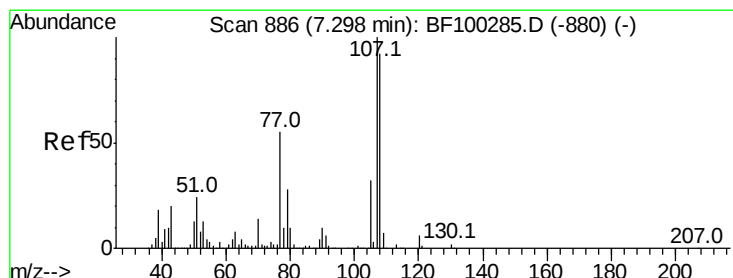
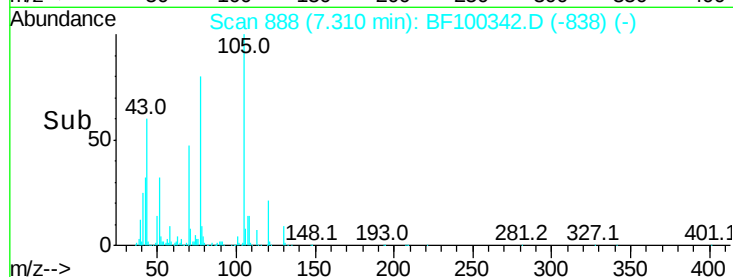
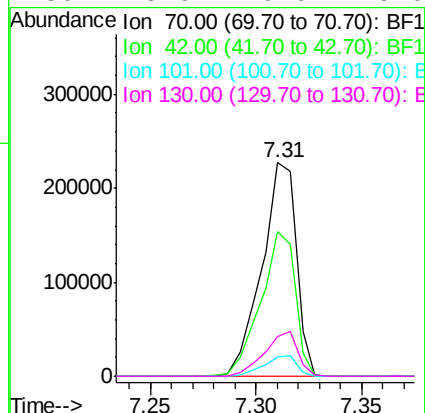
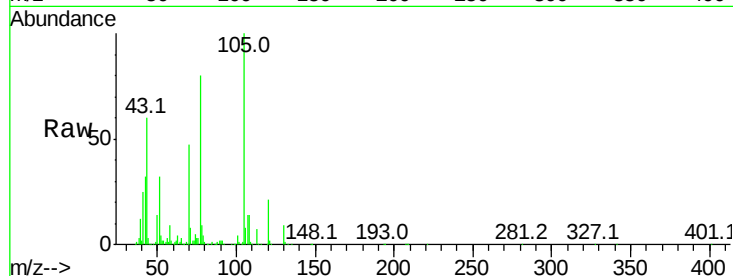




#19
n-Nitroso-di-n-propylamine
Concen: 35.516 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

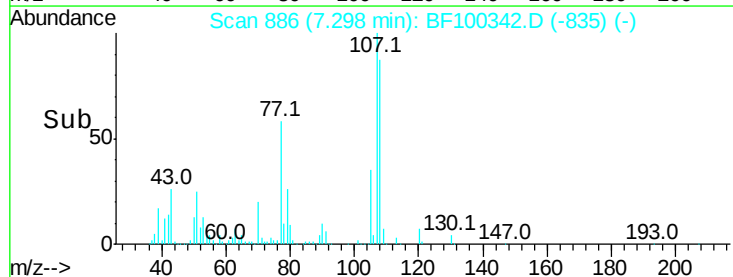
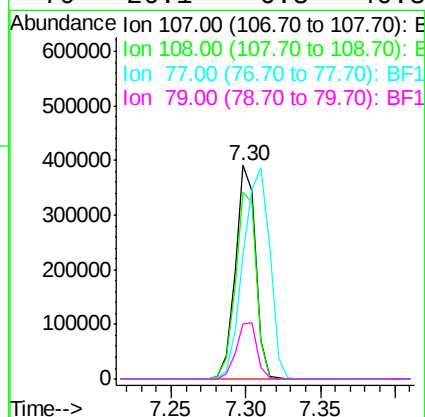
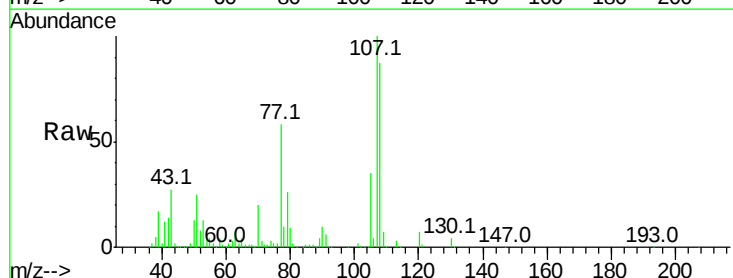
Instrument :
BNA_F
ClientSampleId :

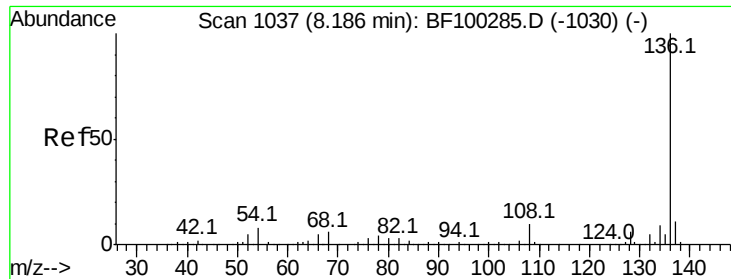
Tot Ion: 70 Resp: 258722
Ion Ratio Lower Upper
70 100
42 67.5 47.5 71.3
101 9.0 7.4 11.2
130 18.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.445 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Tgt Ion:107 Resp: 374648
Ion Ratio Lower Upper
107 100
108 87.4 68.2 108.2
77 58.4 26.7 66.7
79 26.1 6.3 46.3

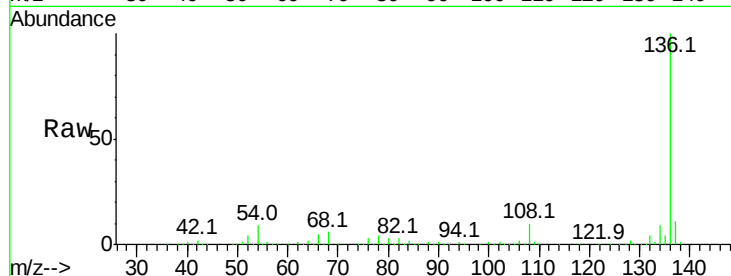




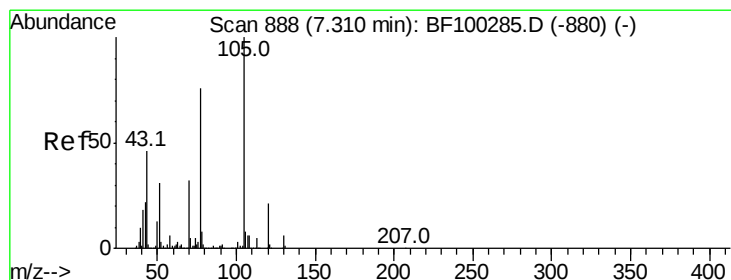
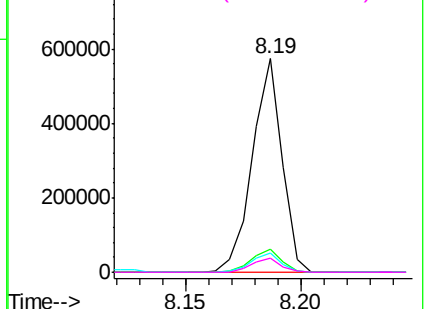
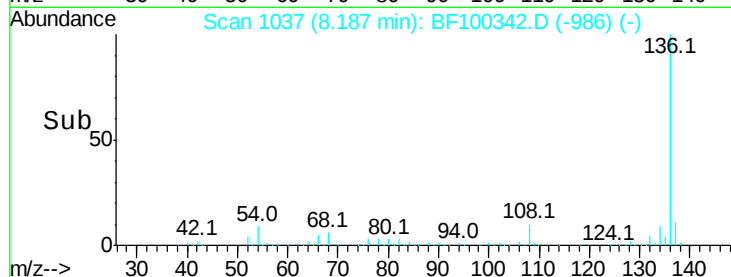
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	512694
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	8.8	6.6 9.8
68	6.5	5.0 7.4

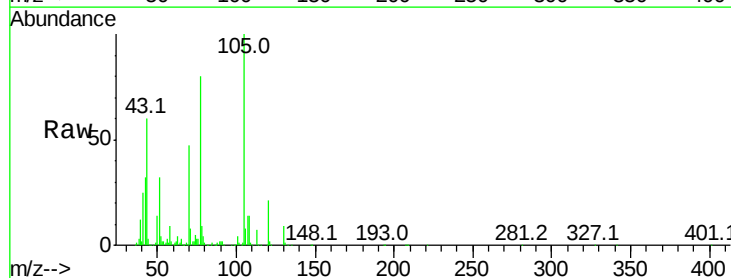


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

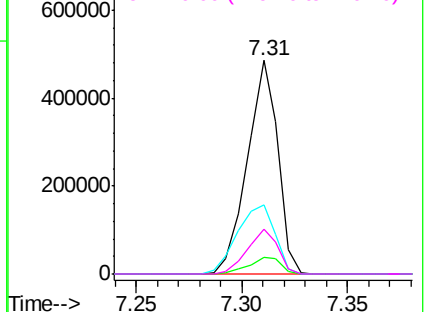
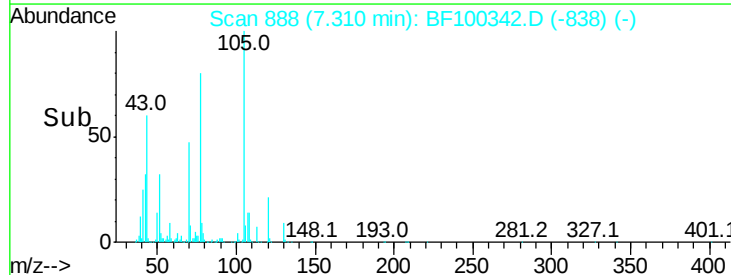


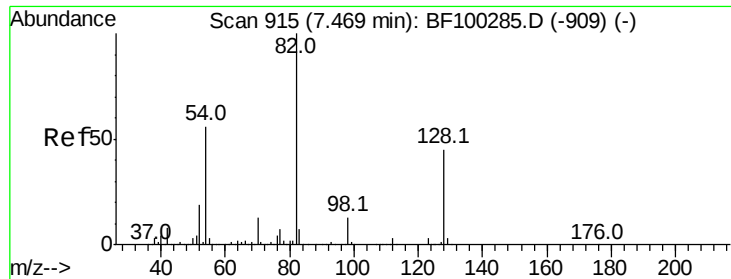
#22
Acetophenone
Concen: 38.960 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Tgt Ion:105	Resp:	487075
Ion Ratio	Lower	Upper
105	100	
71	7.6	4.4 6.6#
51	32.3	22.3 33.5
120	21.1	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

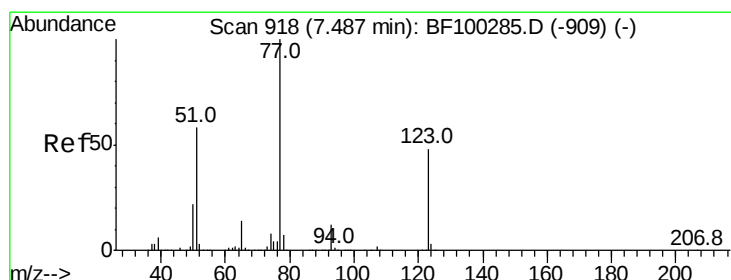
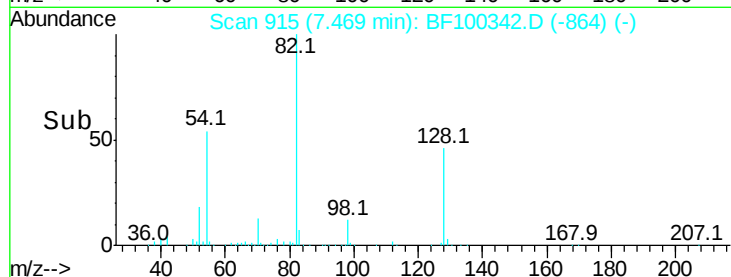
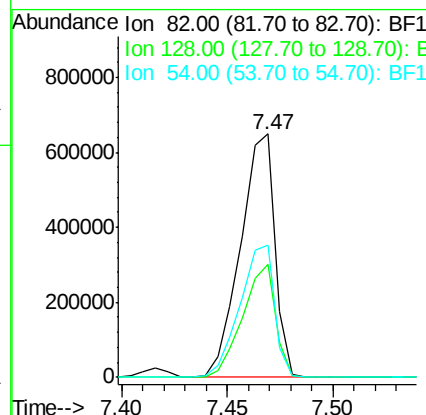
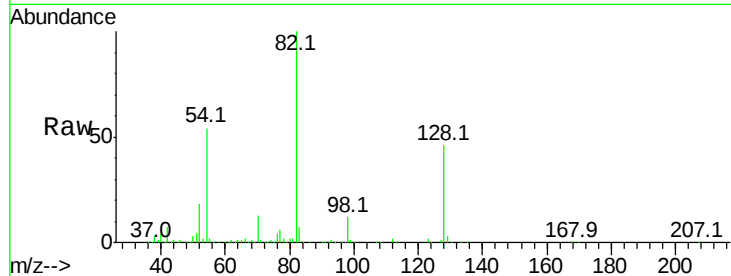




#23
 Nitrobenzene-d5
 Concen: 94.668 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

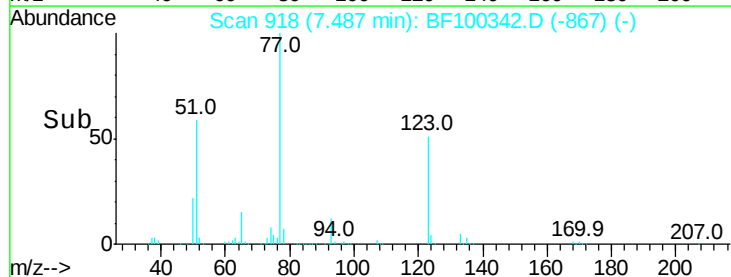
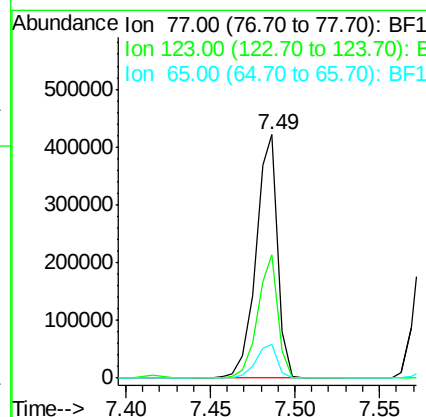
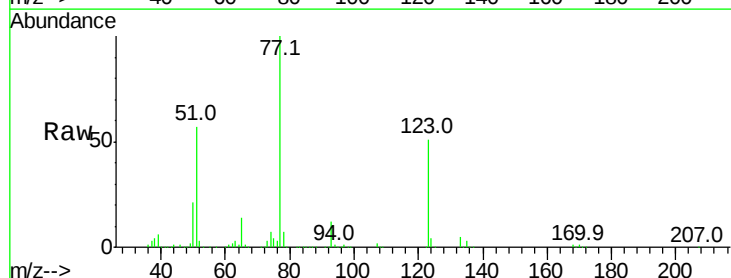
Instrument :
 BNA_F
 ClientSampled :

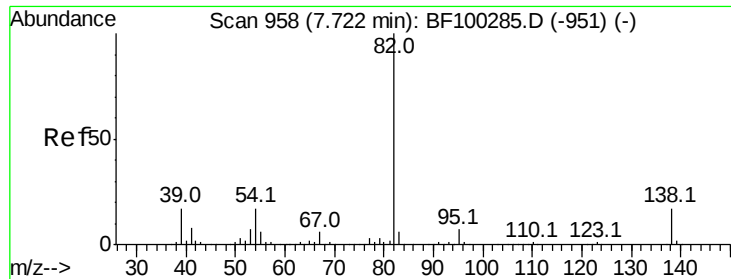
Tot Ion: 82 Resp: 734132
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 54.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 47.104 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion: 77 Resp: 375963
 Ion Ratio Lower Upper
 77 100
 123 50.8 37.9 56.9
 65 13.6 11.0 16.4





#25

Isophorone

Concen: 42.866 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

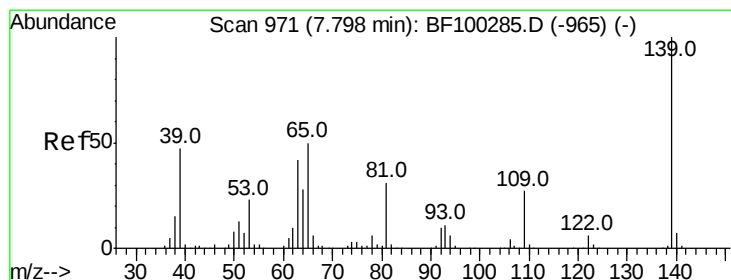
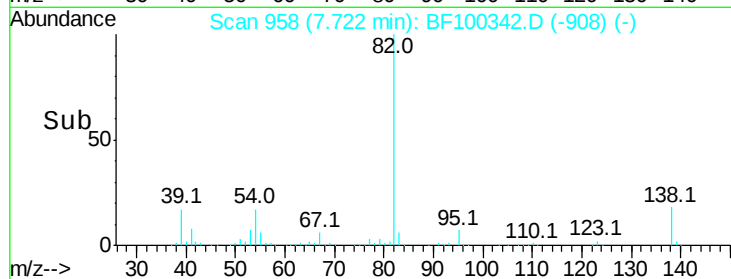
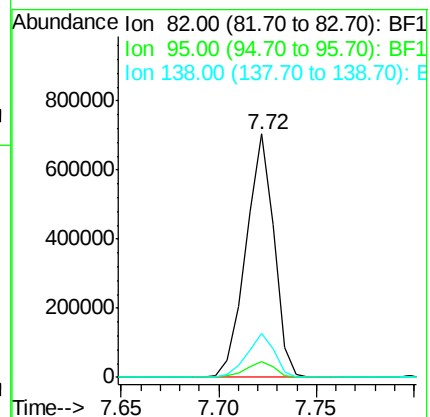
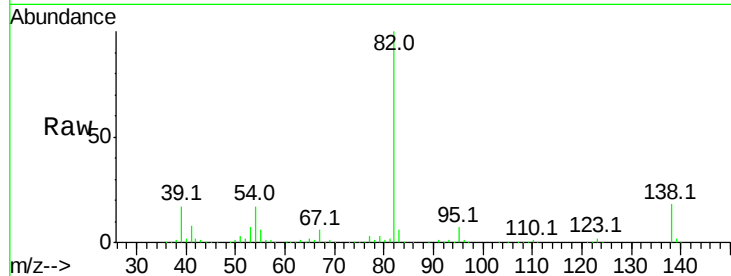
Tot Ion: 82 Resp: 698543

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.8 14.9 22.3



#26

2-Nitrophenol

Concen: 44.248 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

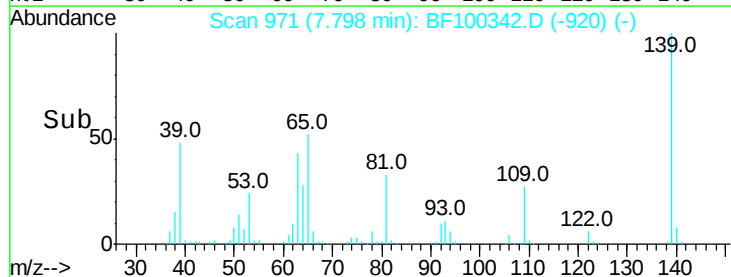
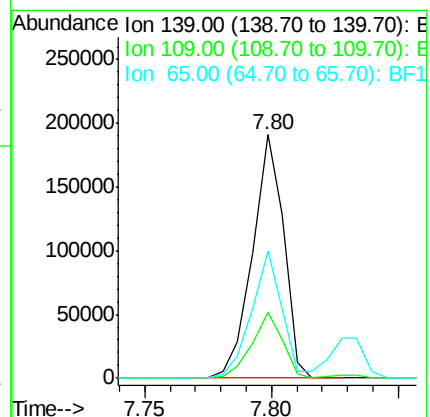
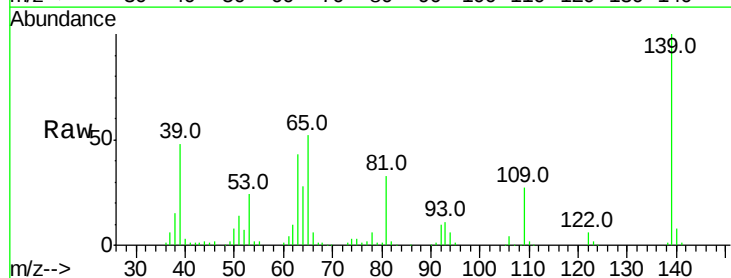
Tgt Ion: 139 Resp: 163814

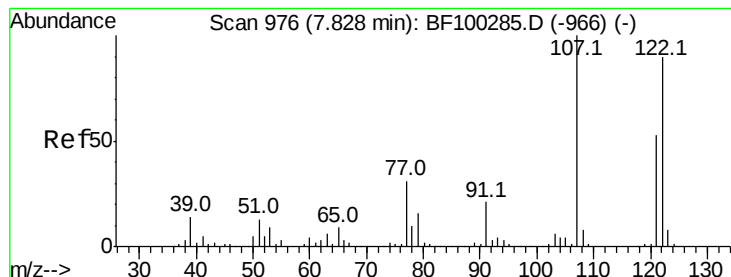
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 52.3 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.085 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :
BNA_F
ClientSampled :

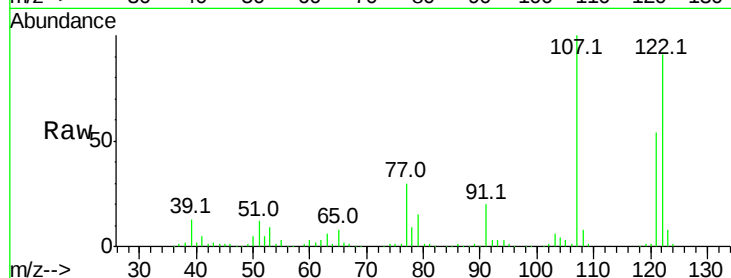
Tot Ion:122 Resp: 336659

Ion Ratio Lower Upper

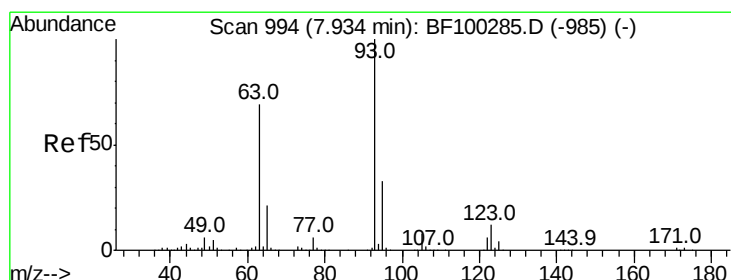
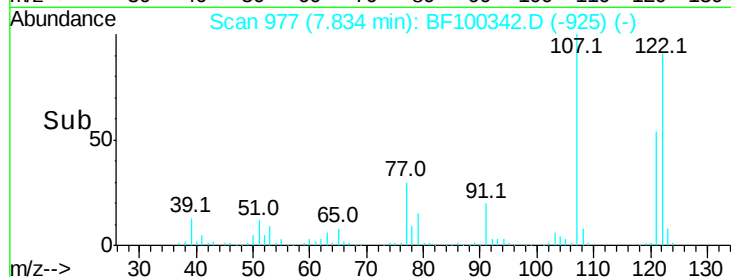
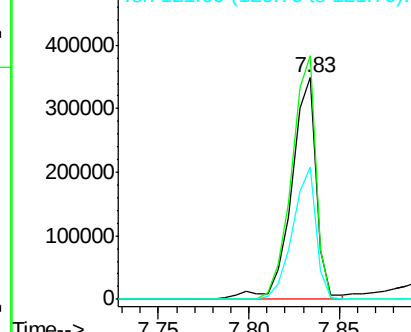
122 100

107 109.9 91.2 136.8

121 59.6 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: 42.054 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

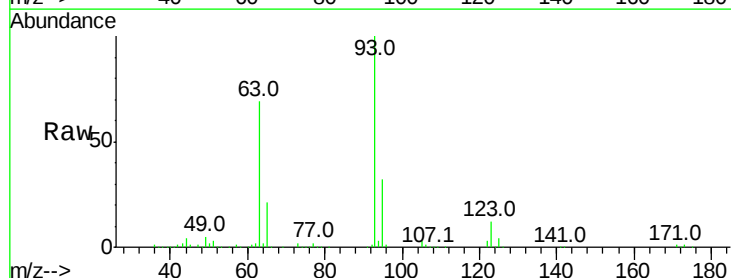
Tgt Ion: 93 Resp: 448279

Ion Ratio Lower Upper

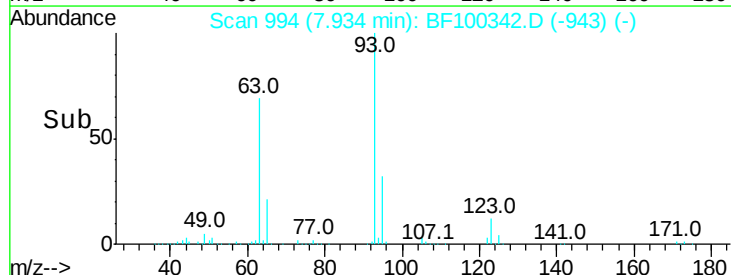
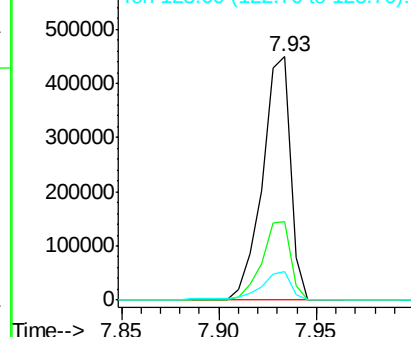
93 100

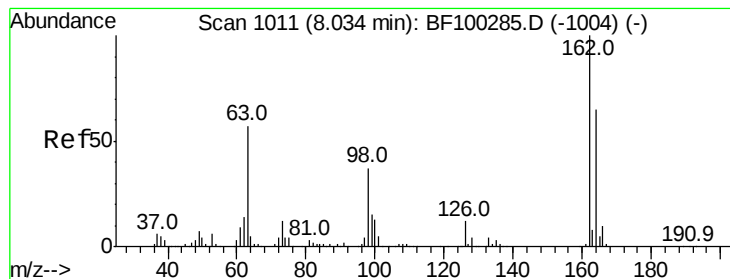
95 32.3 26.3 39.5

123 11.5 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: 41.888 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

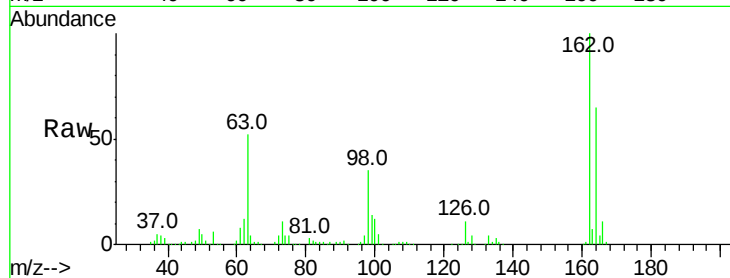
Tot Ion:162 Resp: 292122

Ion Ratio Lower Upper

162 100

164 65.5 42.7 82.7

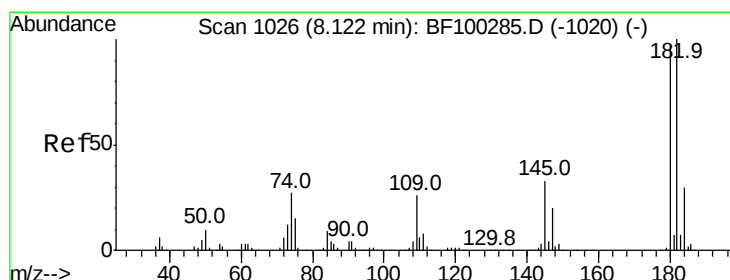
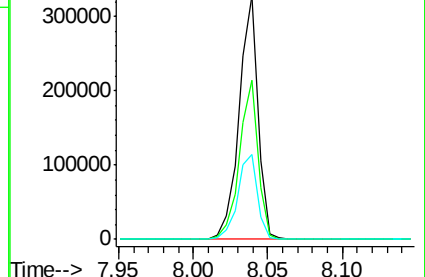
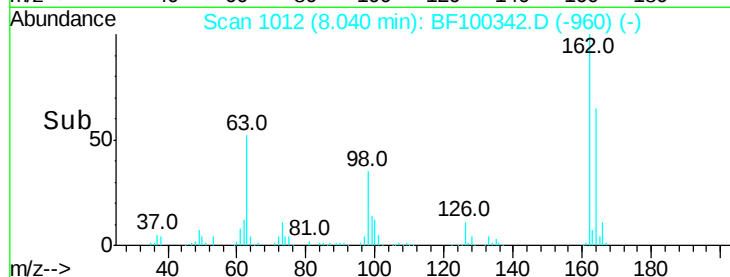
98 35.1 18.1 58.1



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: 41.620 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

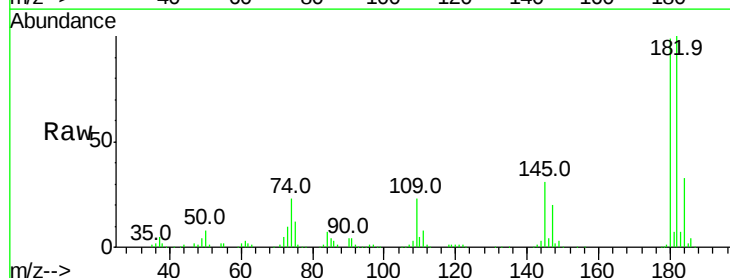
Tgt Ion:180 Resp: 313964

Ion Ratio Lower Upper

180 100

182 100.6 76.8 115.2

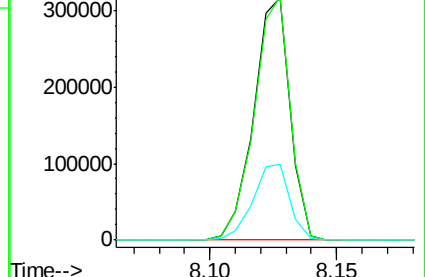
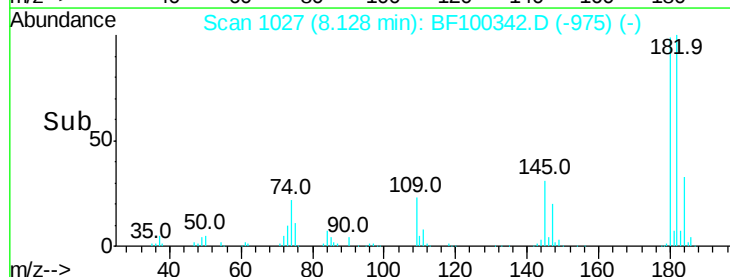
145 31.6 26.5 39.7

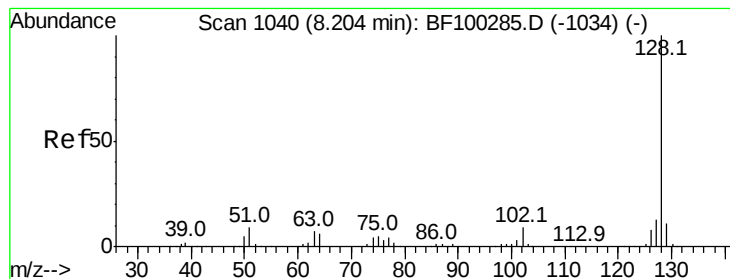


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.009 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampled :

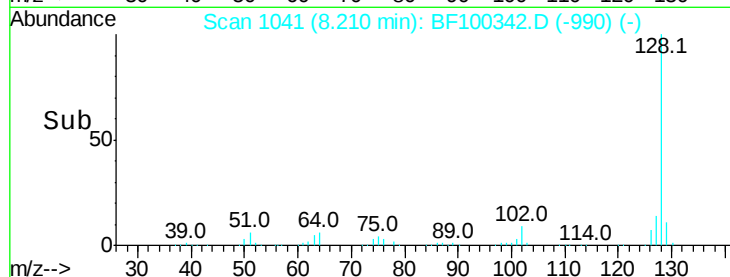
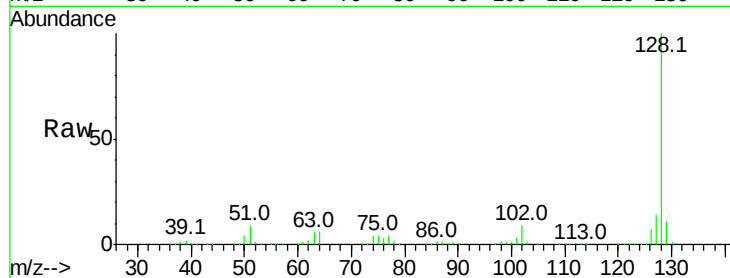
Tot Ion:128 Resp: 987983

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

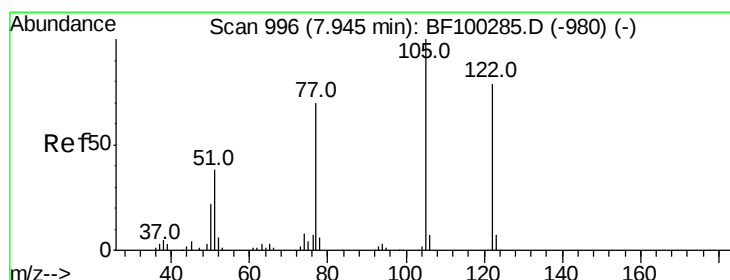
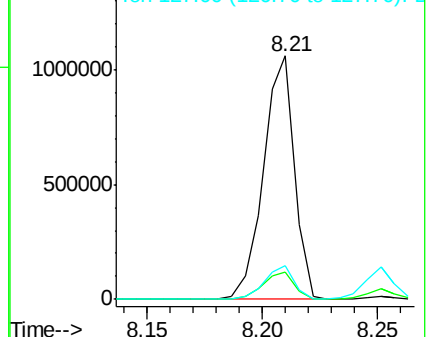
127 13.7 10.9 16.3



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: 25.171 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.03 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

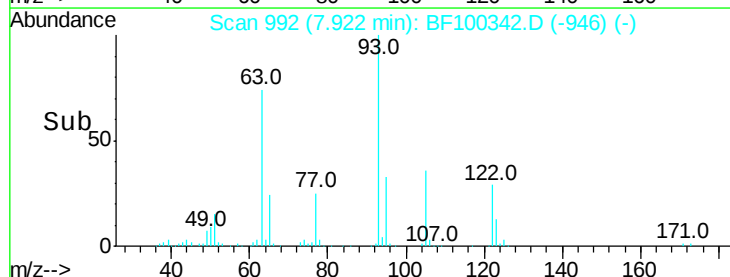
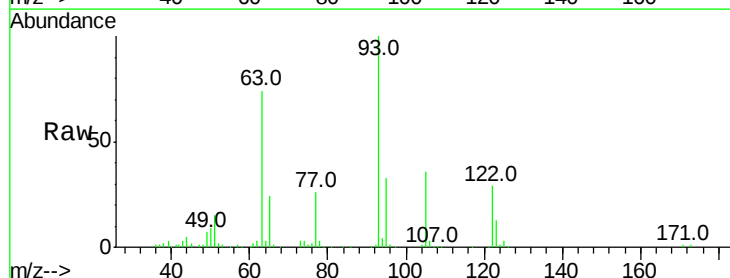
Tgt Ion:122 Resp: 109828

Ion Ratio Lower Upper

122 100

105 125.0 101.1 141.1

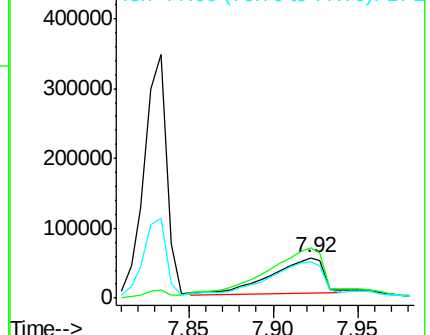
77 89.8 70.7 110.7

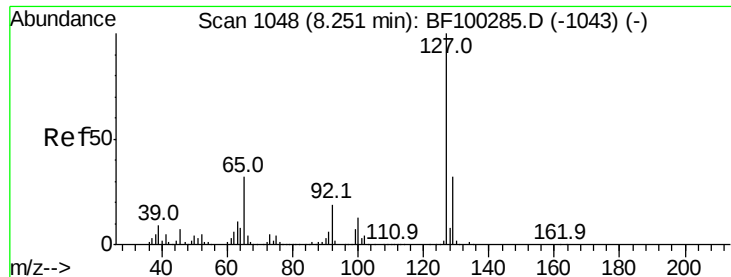


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

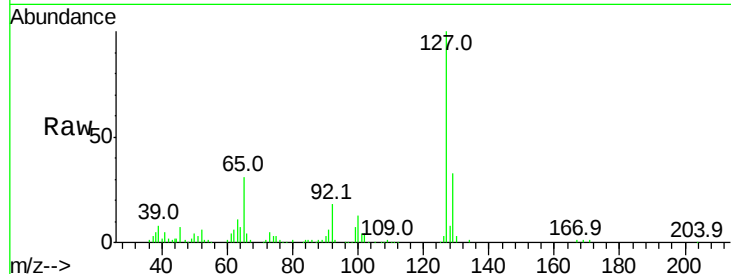




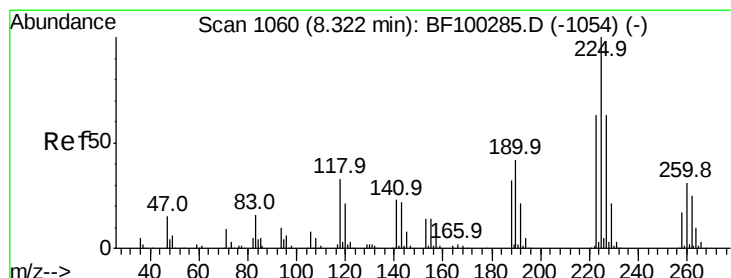
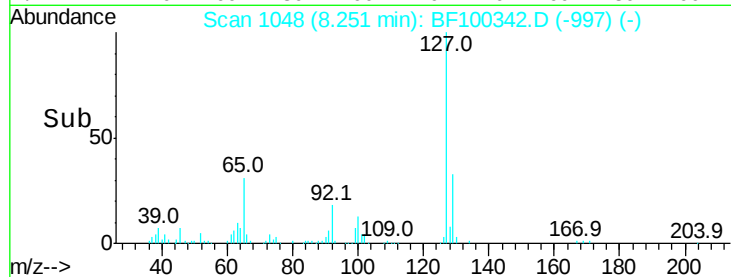
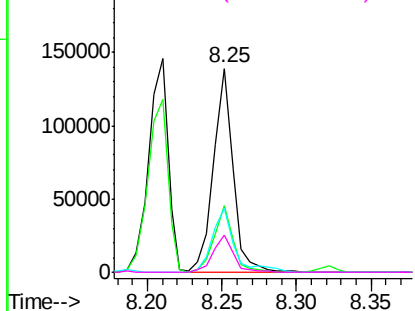
#33
4-Chloroaniline
Concen: 12.465 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	128131
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	31.5	25.0	37.4
92	18.1	15.2	22.8

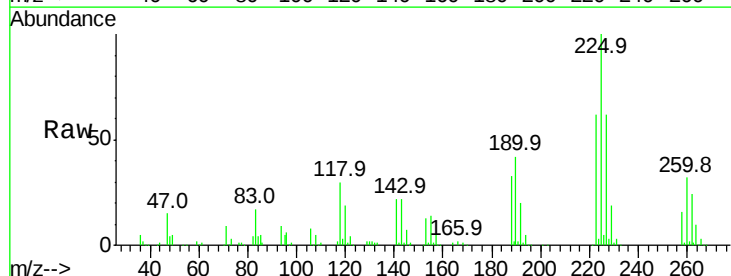


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

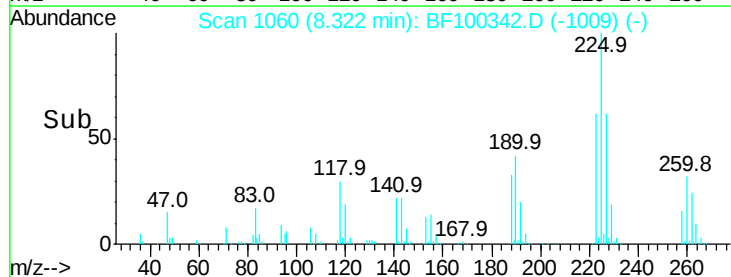
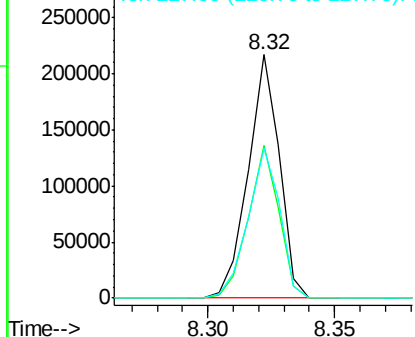


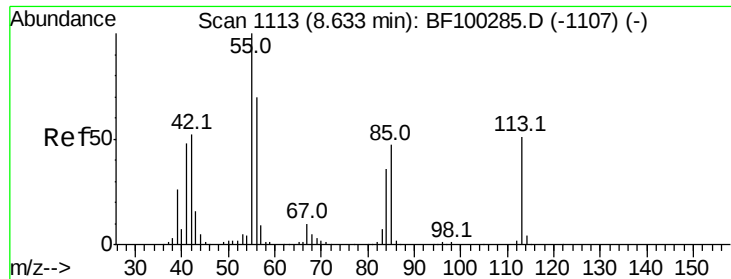
#34
Hexachlorobutadiene
Concen: 41.278 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Tgt Ion:	225	Resp:	185142
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	61.6	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

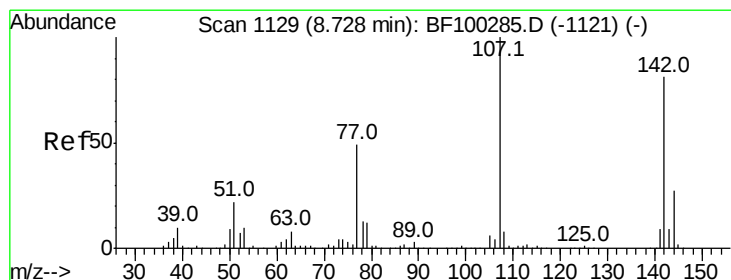
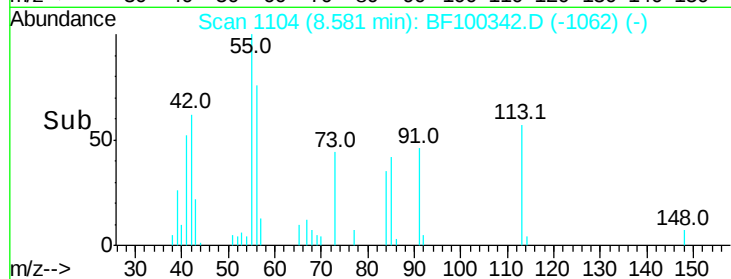
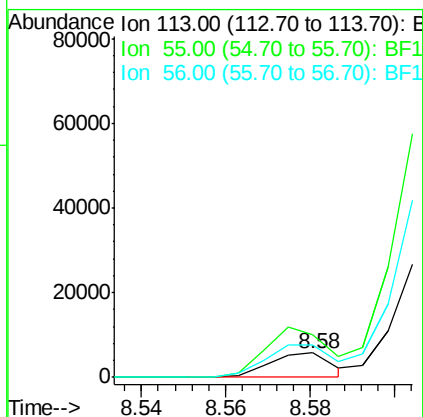
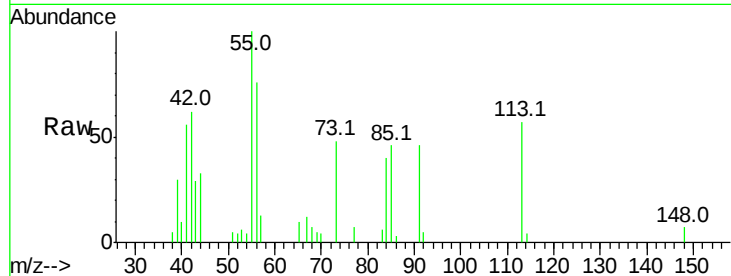




#35
 Caprolactam
 Concen: 2.422 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.05 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

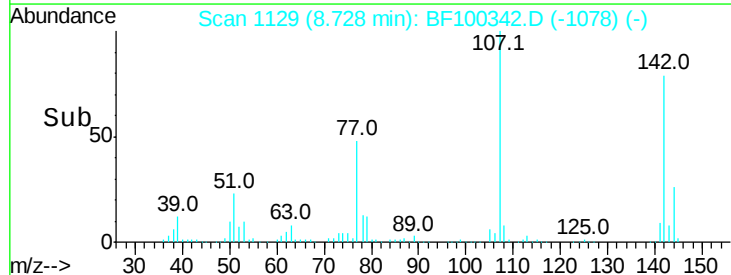
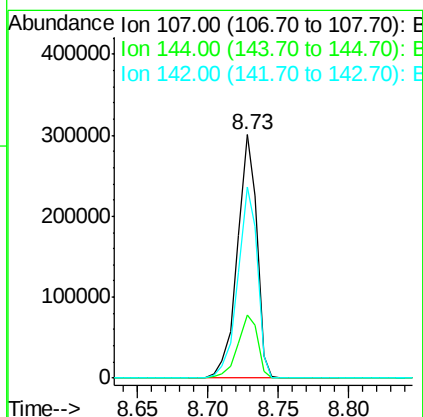
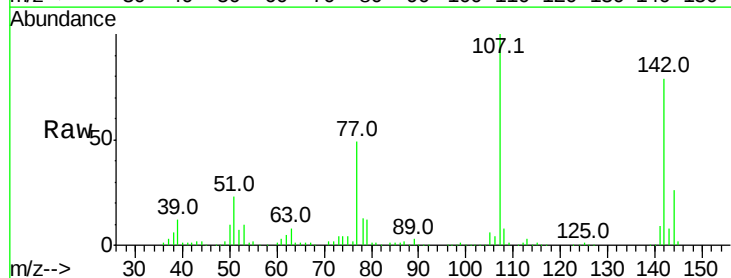
Instrument :
 BNA_F
 ClientSampleId :

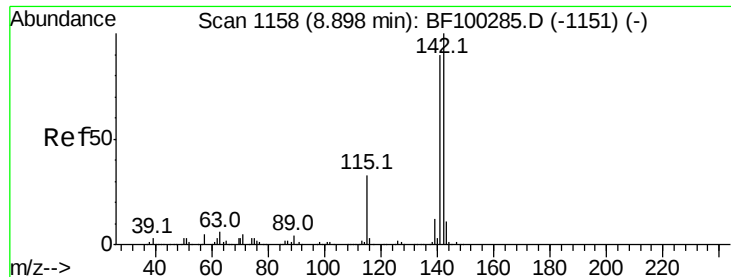
Tot Ion:113 Resp: 5796
 Ion Ratio Lower Upper
 113 100
 55 174.6 163.3 203.3
 56 132.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.574 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion:107 Resp: 288914
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 78.7 62.0 93.0

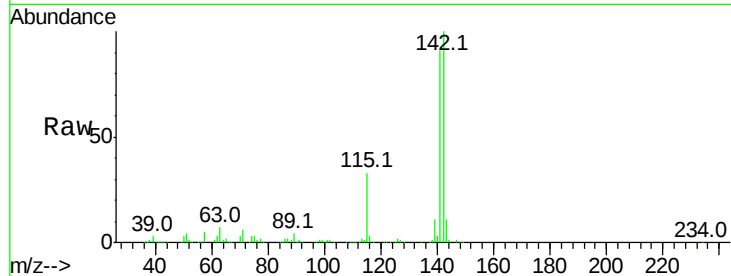




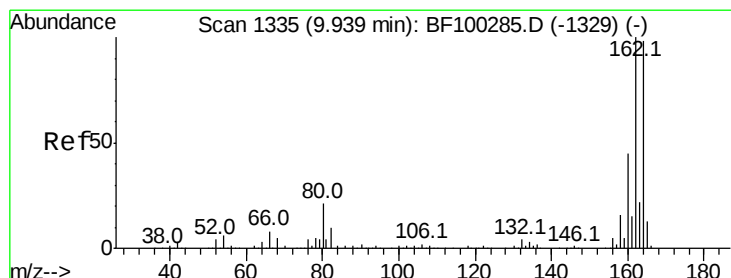
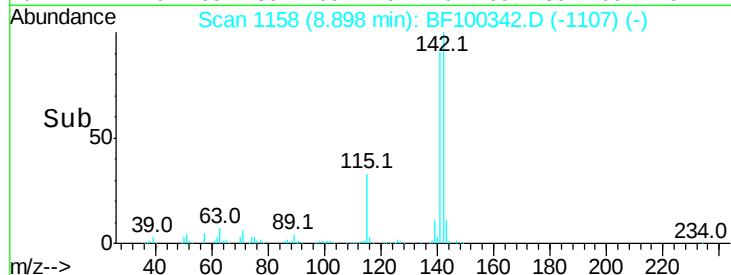
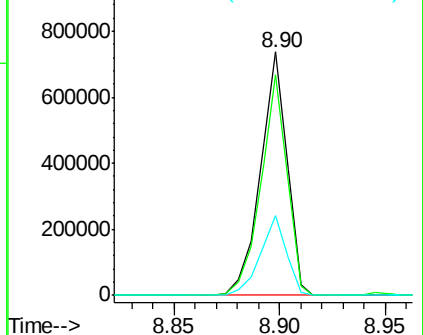
#37
2-Methylnaphthalene
Concen: 39.463 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	32.8	26.1	39.1

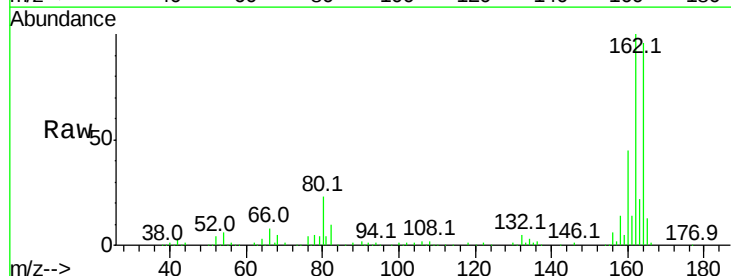


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

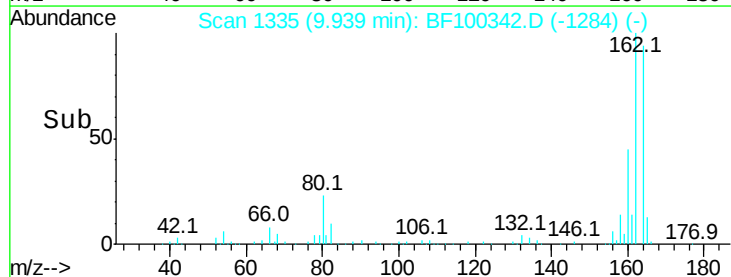
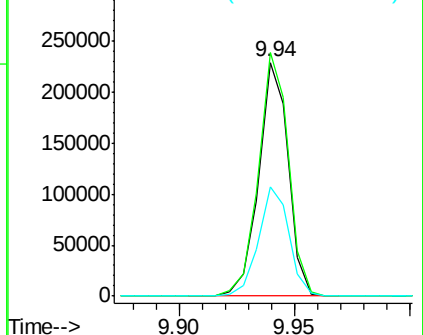


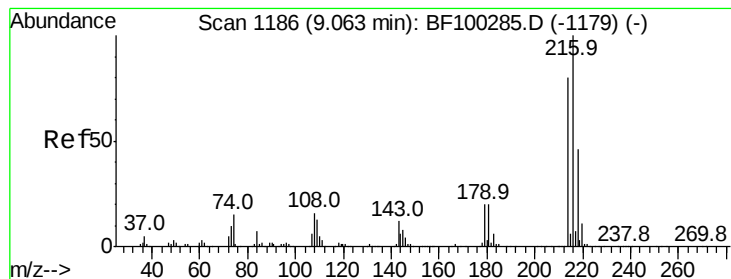
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.9	38.3	57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.068 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 291266

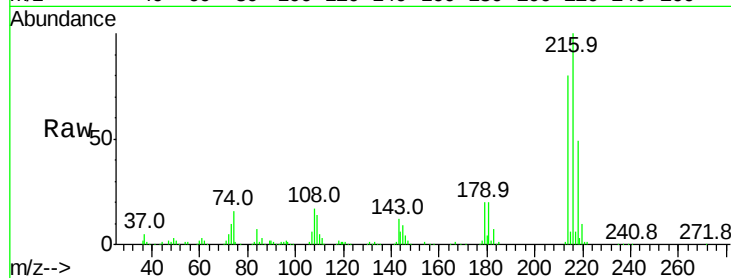
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 20.3 18.1 27.1

108 17.6 17.2 25.8

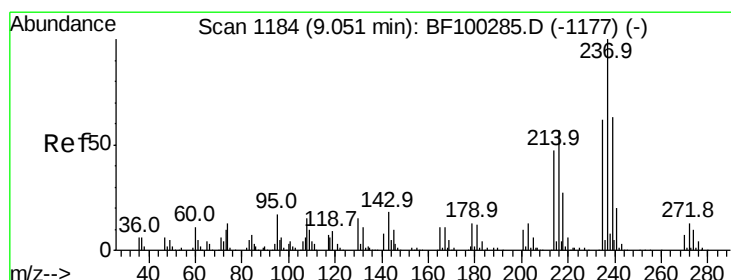
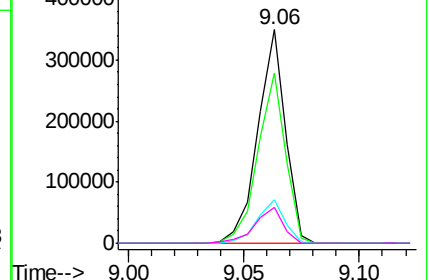
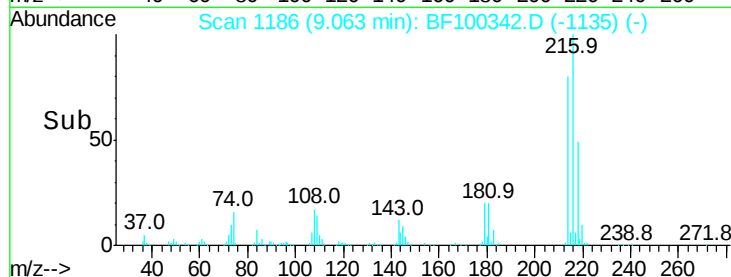


Abundance Ion 216.00 (215.70 to 216.70): E

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: 22.293 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

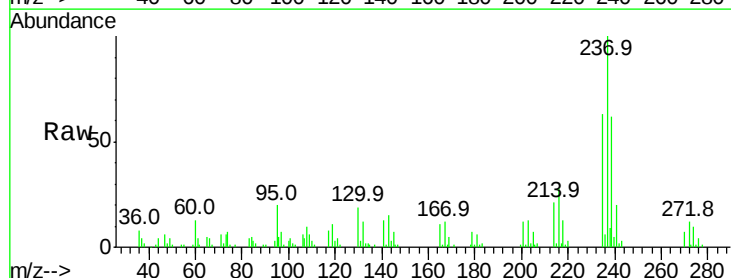
Tgt Ion:237 Resp: 70959

Ion Ratio Lower Upper

237 100

235 63.1 44.8 84.8

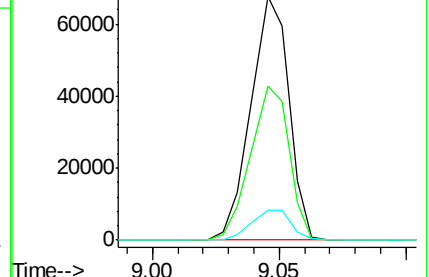
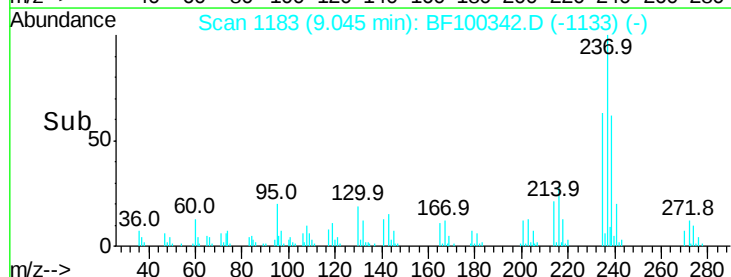
272 12.2 0.0 33.3

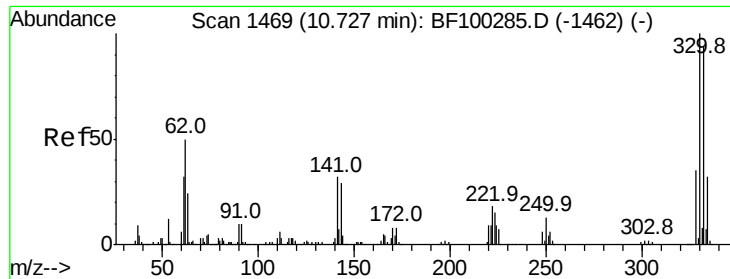


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

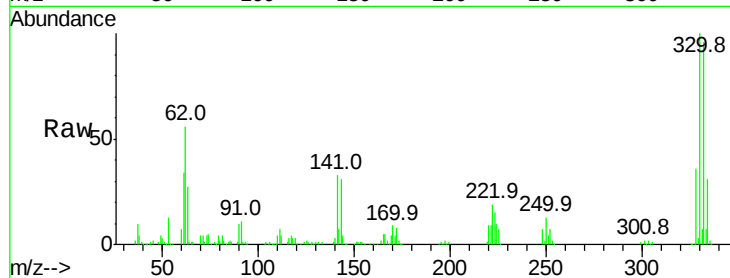




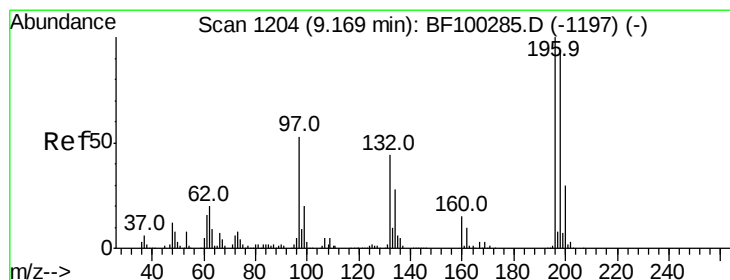
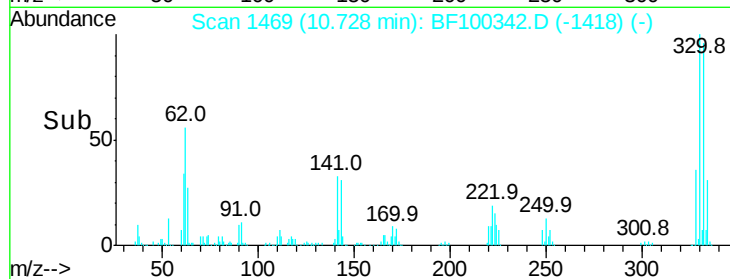
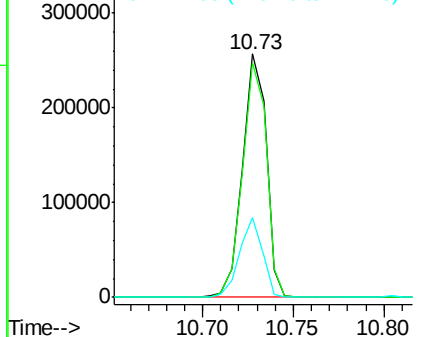
#41
 2,4,6-Tribromophenol
 Concen: 113.352 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	31.6	29.9	44.9

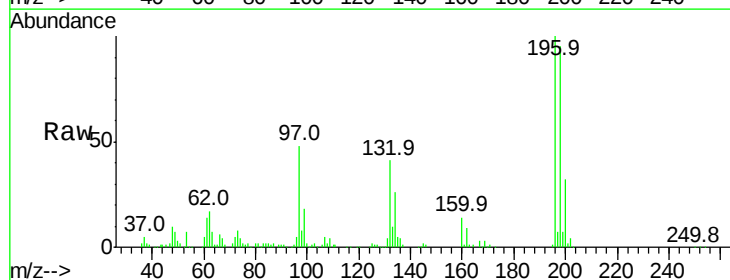


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

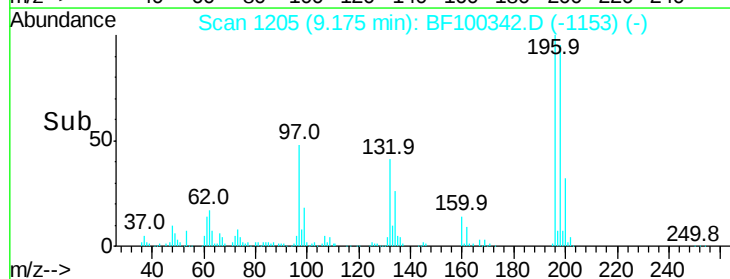
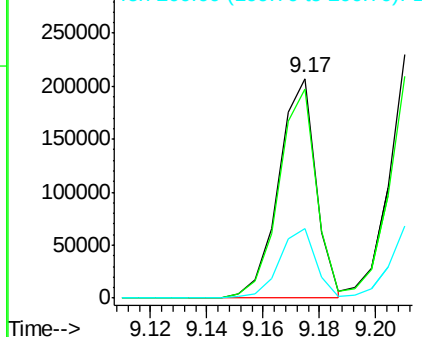


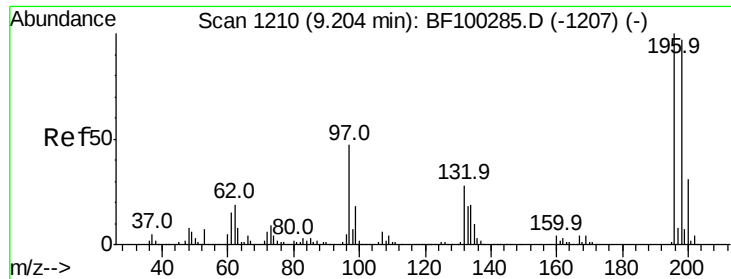
#42
 2,4,6-Trichlorophenol
 Concen: 44.280 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	31.5	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

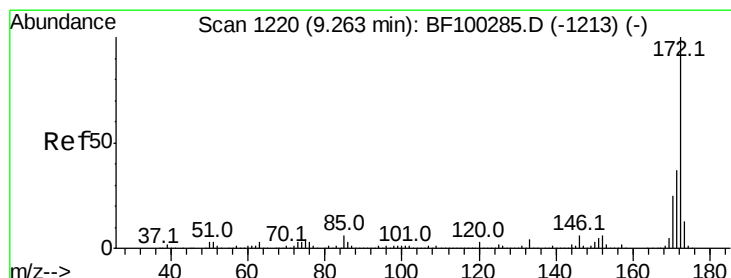
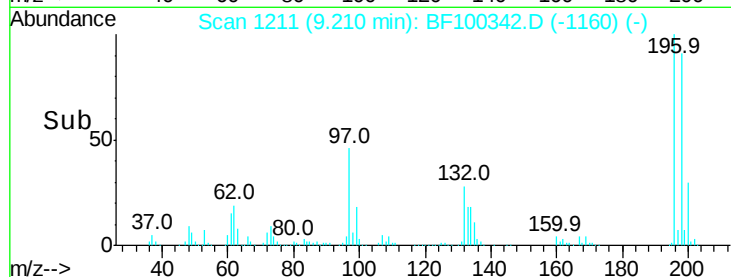
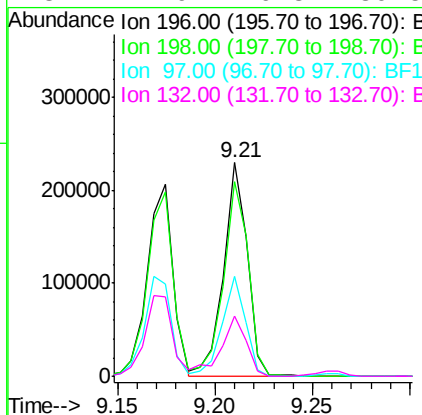
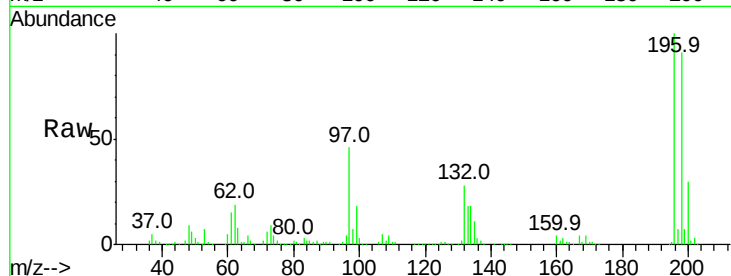




#43
 2,4,5-Trichlorophenol
 Concen: 43.715 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

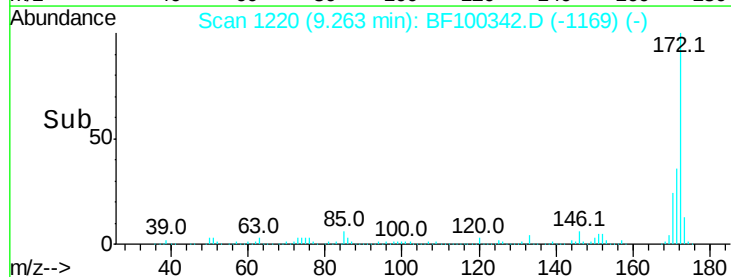
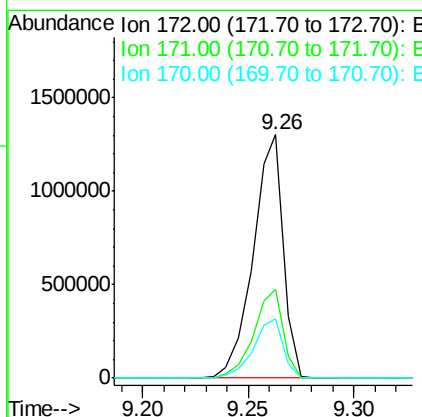
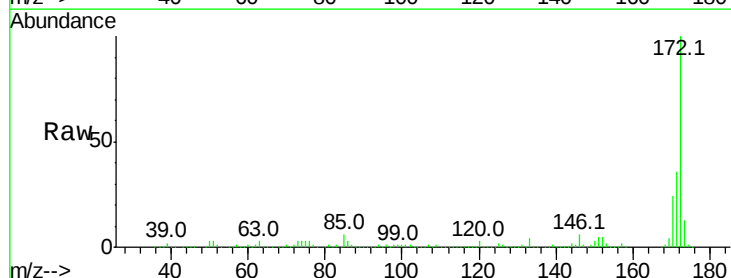
Instrument :
 BNA_F
 ClientSampleId :

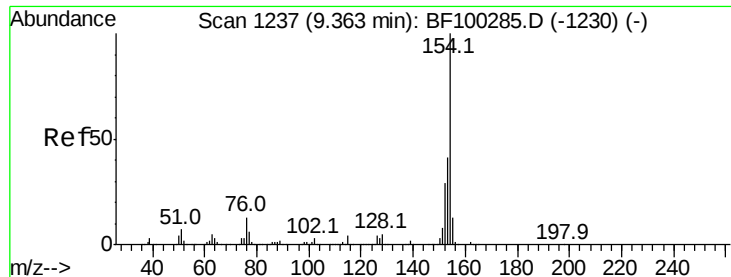
Tot Ion:	196	Resp:	194135
Ion Ratio	Lower	Upper	
196	100		
198	91.4	74.6	112.0
97	46.5	42.9	64.3
132	27.9	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 95.931 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion:	172	Resp:	1284684
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 42.495 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

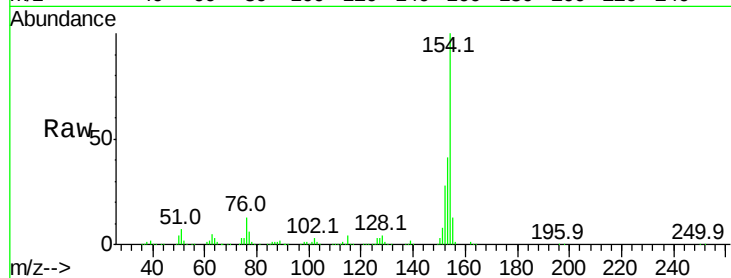
Tot Ion:154 Resp: 749473

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

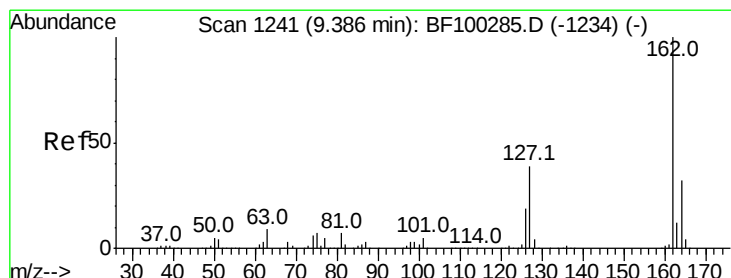
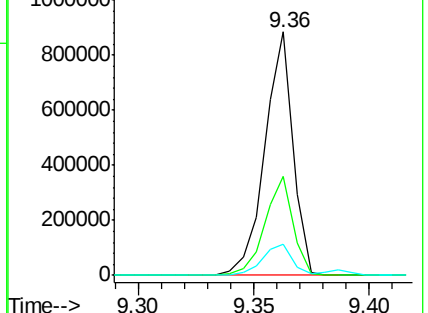
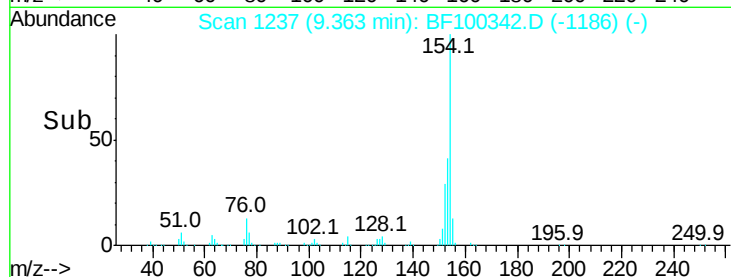
76 12.8 0.0 34.0



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: 43.917 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

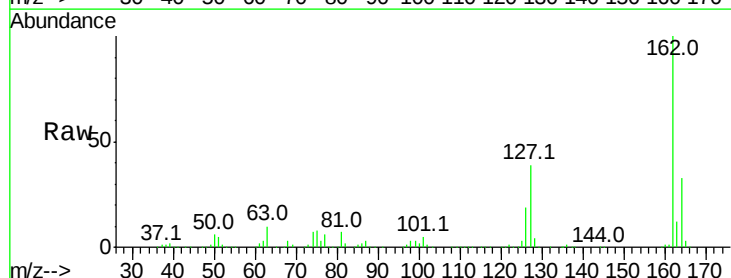
Tgt Ion:162 Resp: 561906

Ion Ratio Lower Upper

162 100

127 39.3 33.9 50.9

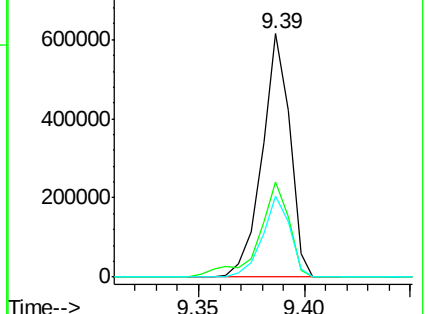
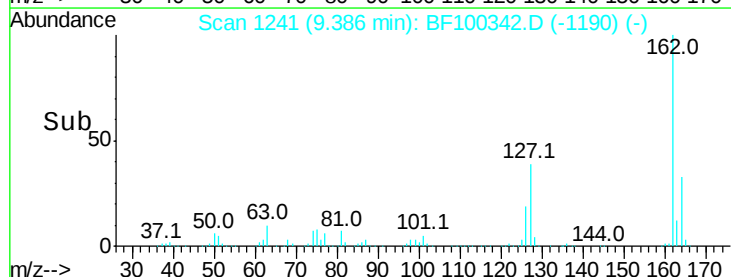
164 33.1 26.5 39.7

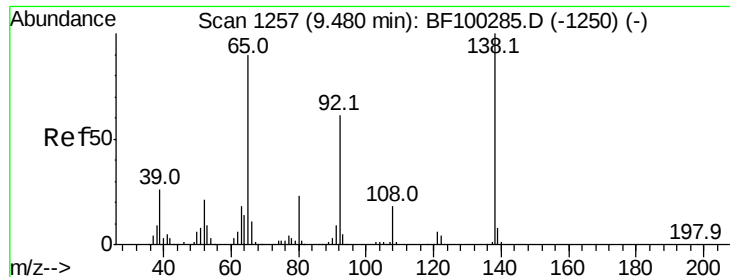


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

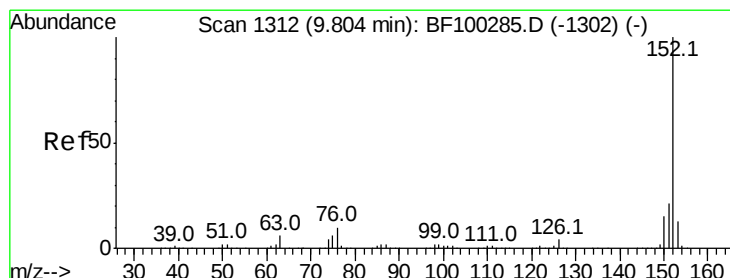
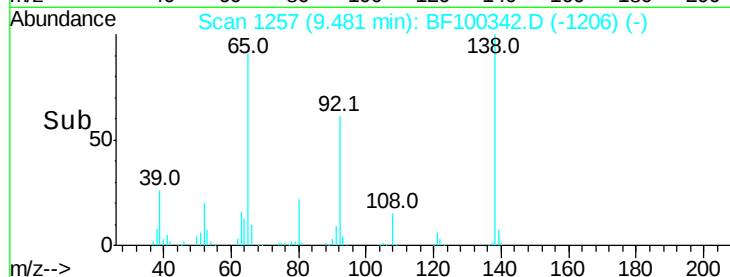
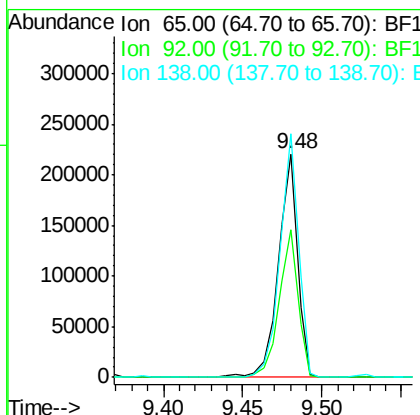
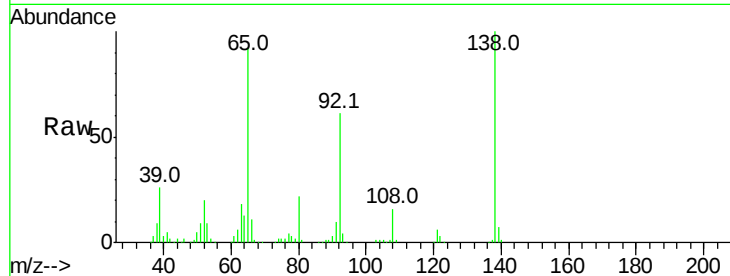




#47
2-Nitroaniline
Concen: 49.042 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

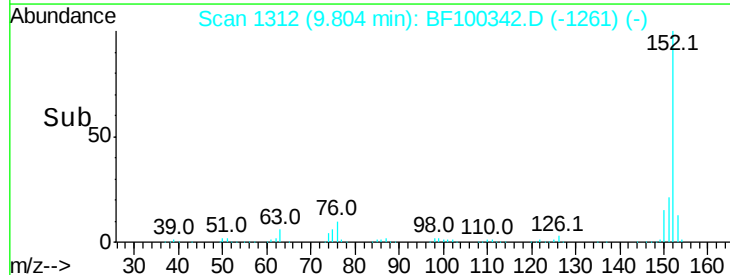
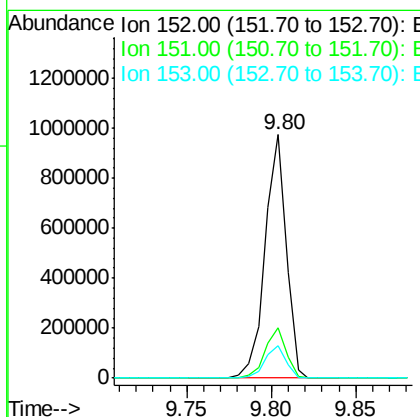
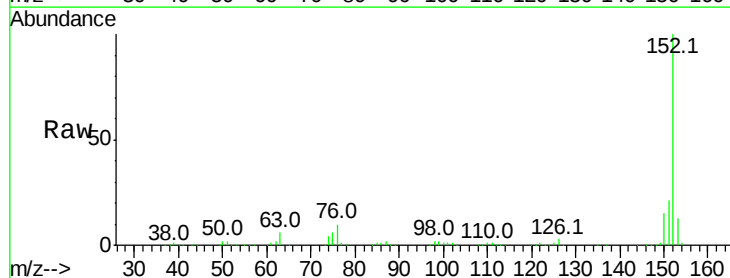
Instrument :
BNA_F
ClientSampleId :

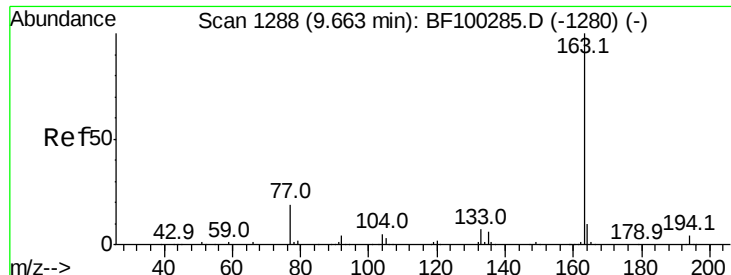
Tot Ion: 65 Resp: 185655
Ion Ratio Lower Upper
65 100
92 66.1 55.8 83.6
138 108.8 91.2 136.8



#48
Acenaphthylene
Concen: 39.867 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Tgt Ion: 152 Resp: 845348
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.1 10.7 16.1

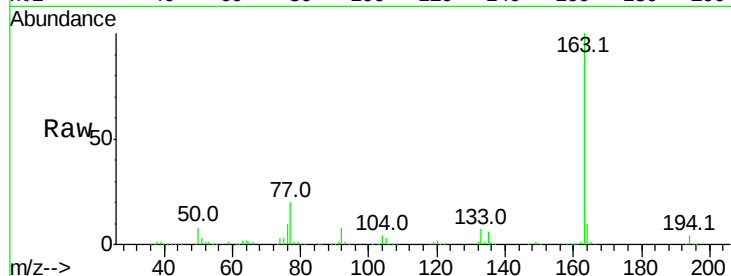




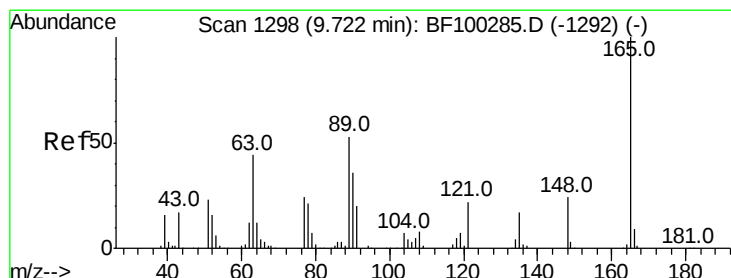
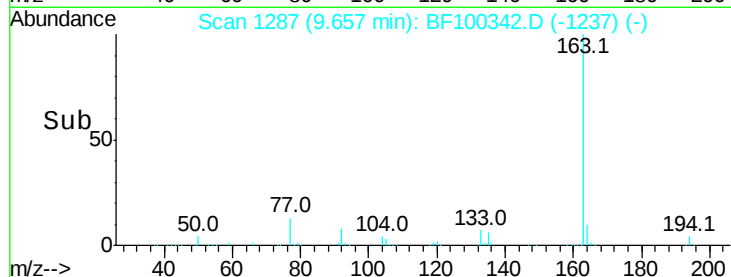
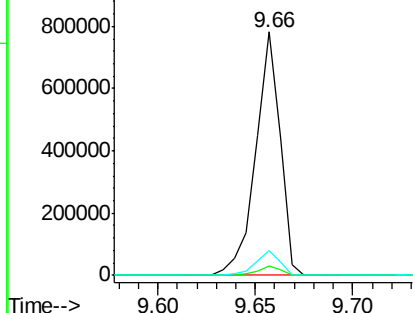
#49
Dimethylphthalate
Concen: 43.496 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 677204
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.4 8.2 12.2

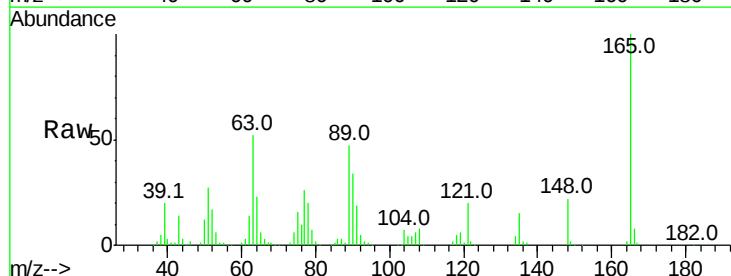


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

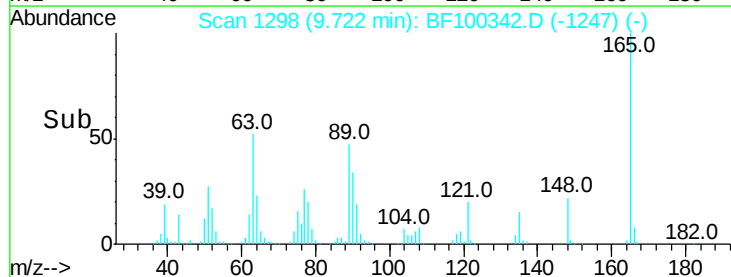
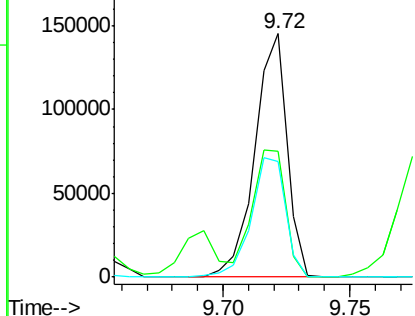


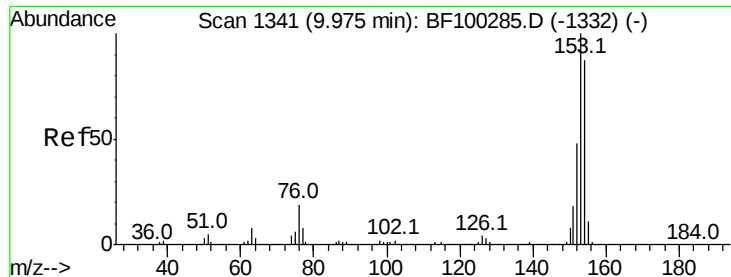
#50
2,6-Dinitrotoluene
Concen: 42.022 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Tgt Ion:165 Resp: 129508
Ion Ratio Lower Upper
165 100
63 51.7 44.7 67.1
89 47.5 44.0 66.0



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





#51

Acenaphthene

Concen: 38.208 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

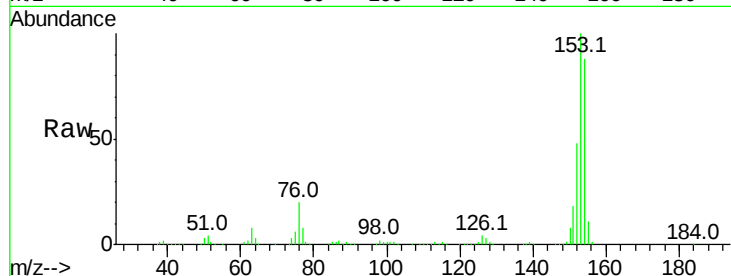
Tot Ion:154 Resp: 492719

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

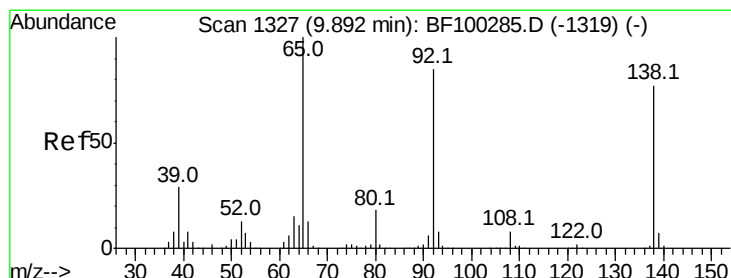
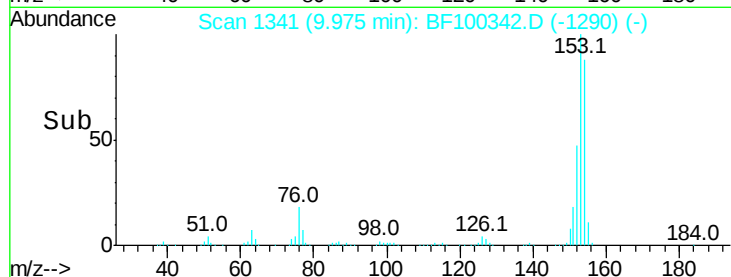
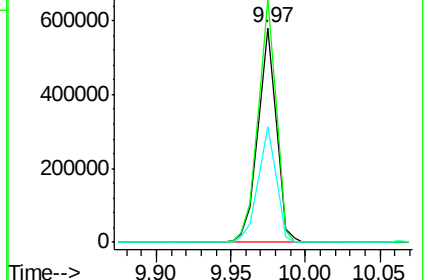
152 54.0 43.8 65.8



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: 34.250 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

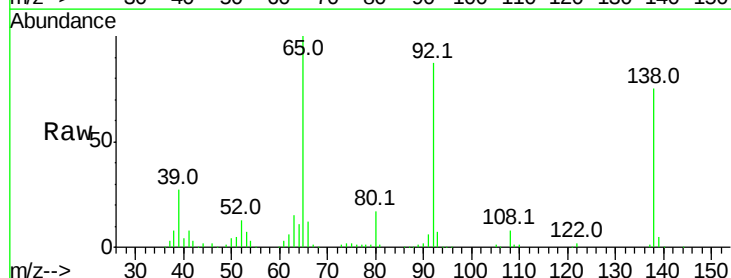
Tgt Ion:138 Resp: 124643

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

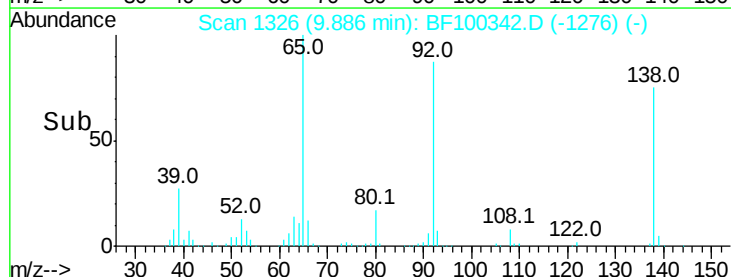
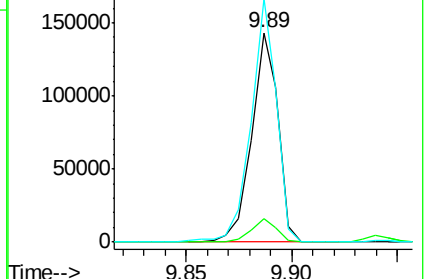
92 116.3 89.4 134.2

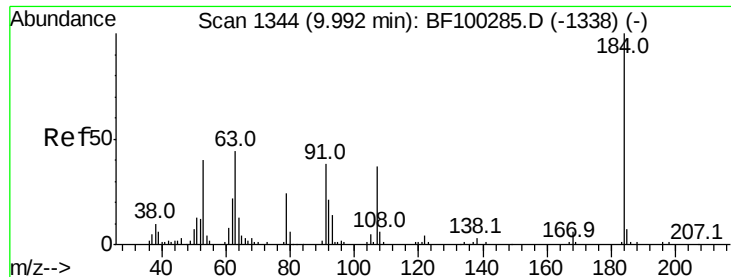


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

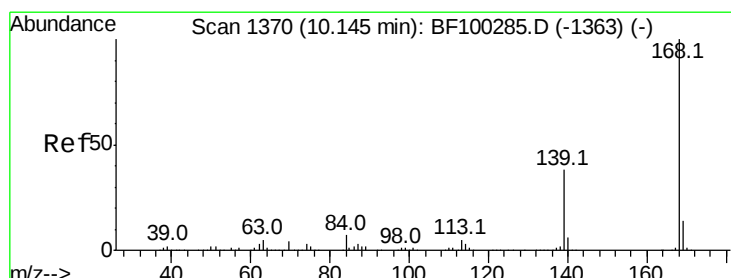
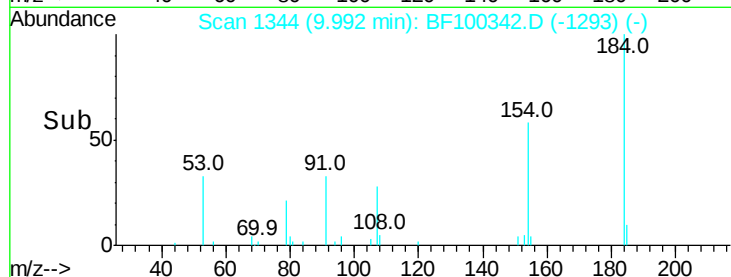
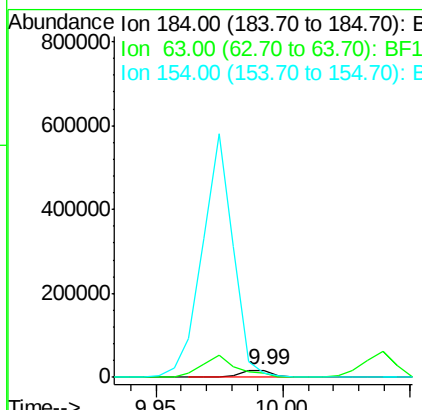
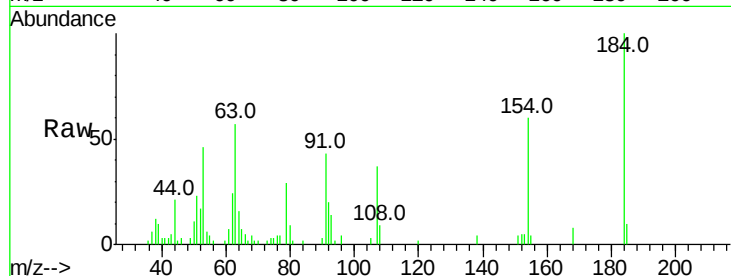




#53
 2,4-Dinitrophenol
 Concen: 22.392 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

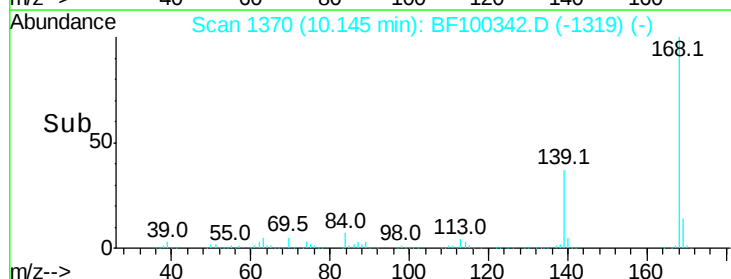
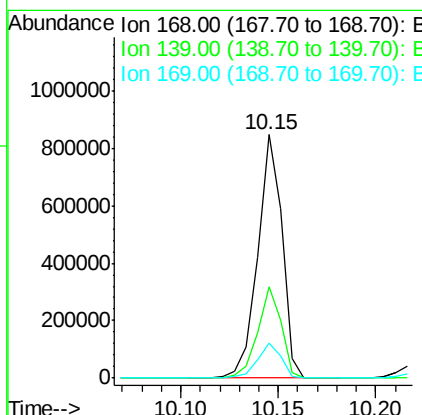
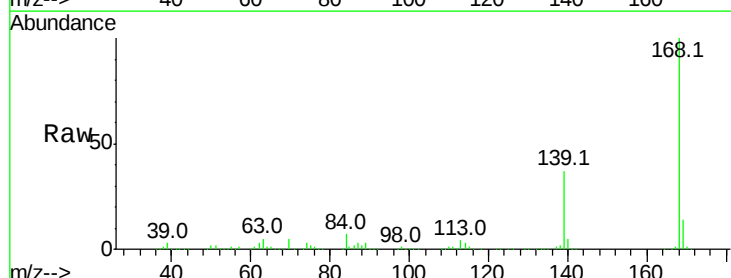
Instrument :
 BNA_F
 ClientSampleId :

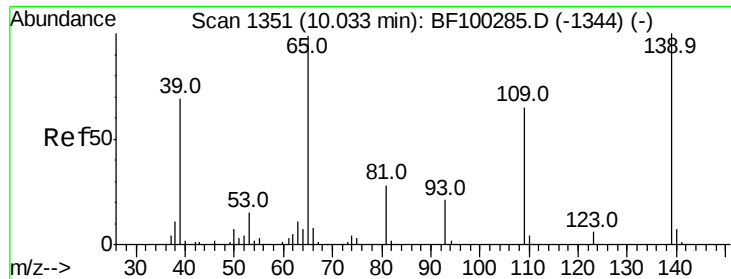
Tot Ion:184 Resp: 15652
 Ion Ratio Lower Upper
 184 100
 63 56.9 54.2 81.2
 154 60.4 184.0 276.0#



#54
 Dibenzofuran
 Concen: 40.273 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion:168 Resp: 727904
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.1 45.1
 169 14.4 10.9 16.3

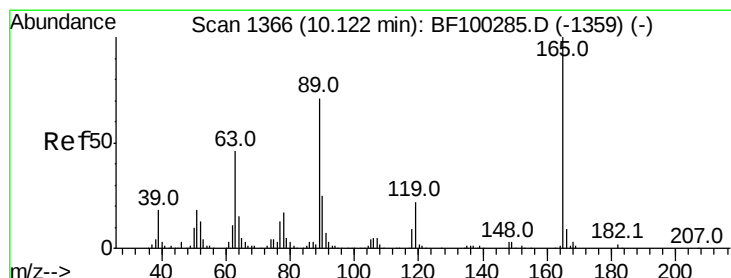
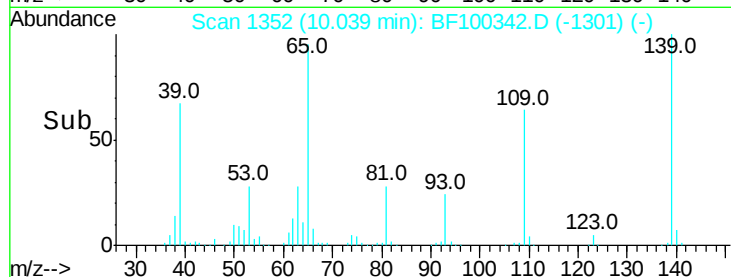
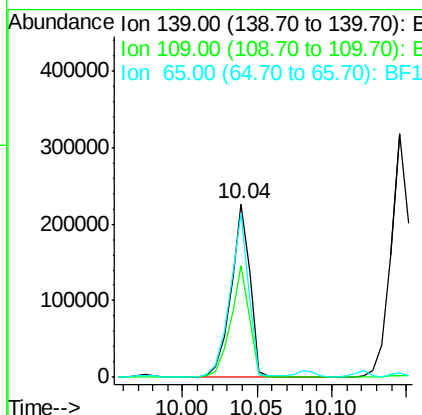
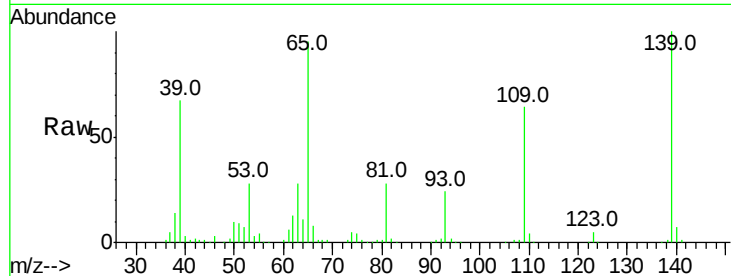




#55
4-Nitrophenol
Concen: 68.839 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

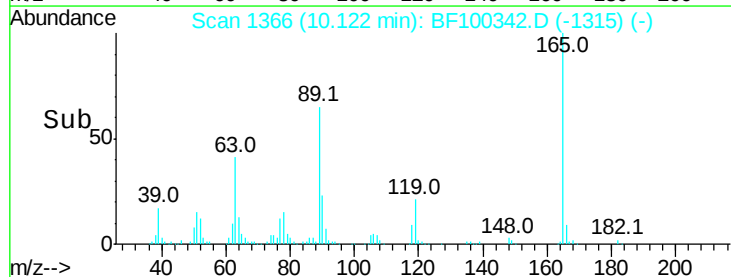
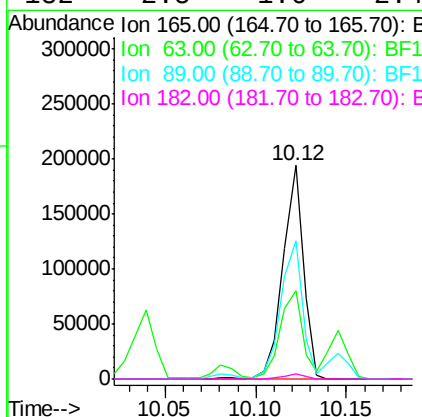
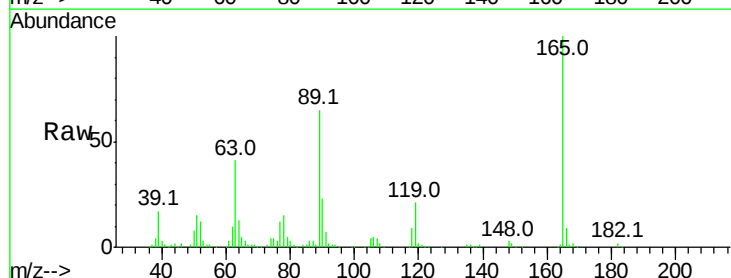
Instrument :
BNA_F
ClientSampleId :

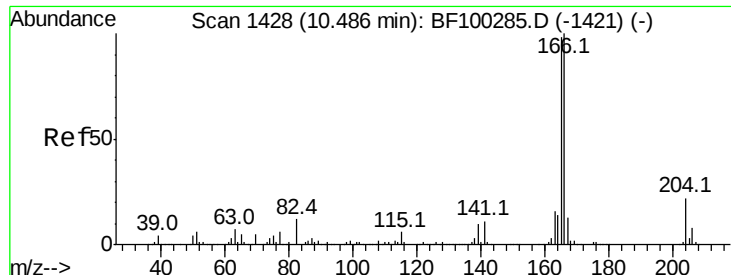
Tot Ion:139 Resp: 203420
Ion Ratio Lower Upper
139 100
109 64.4 48.4 88.4
65 95.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.831 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Tgt Ion:165 Resp: 154860
Ion Ratio Lower Upper
165 100
63 41.2 36.4 54.6
89 64.8 57.8 86.6
182 2.5 1.6 2.4#

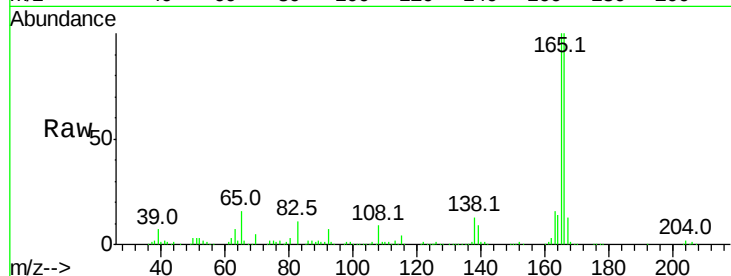




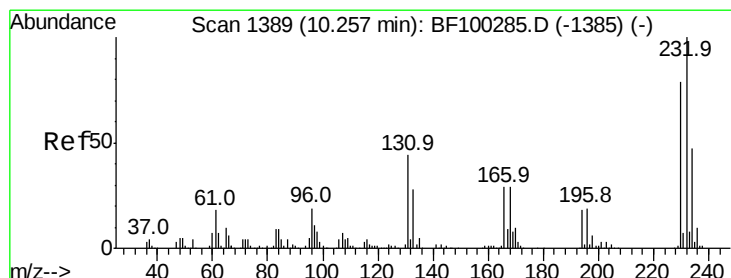
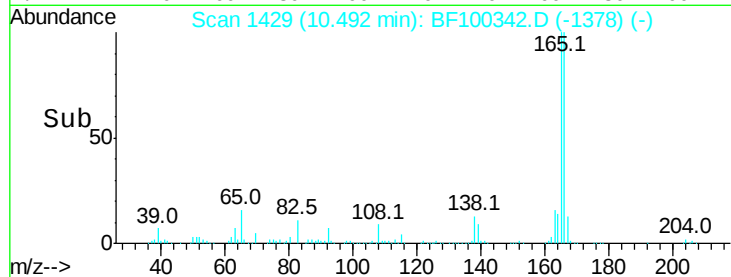
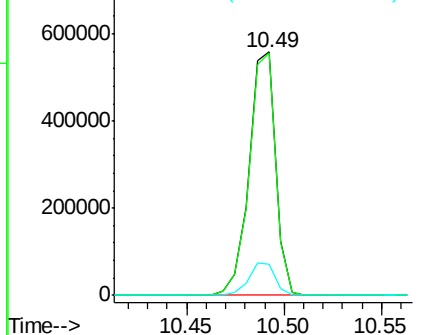
#57
Fluorene
 Concen: 39.648 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 524964
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.8 119.8
 167 12.9 10.6 16.0



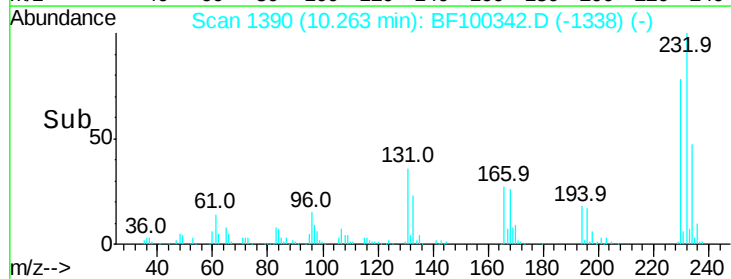
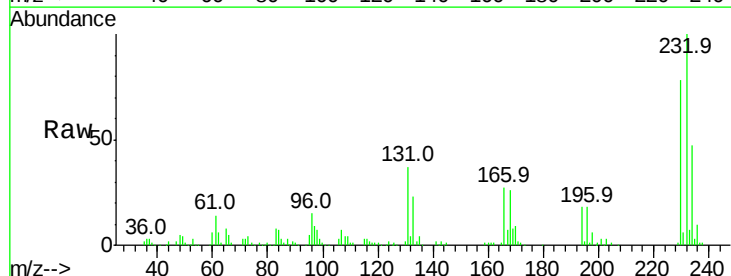
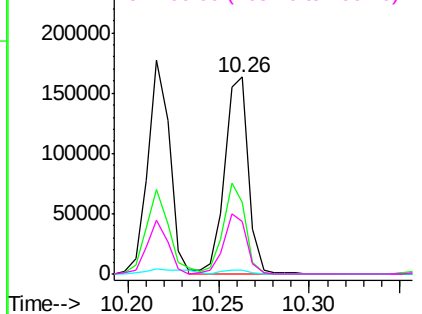
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

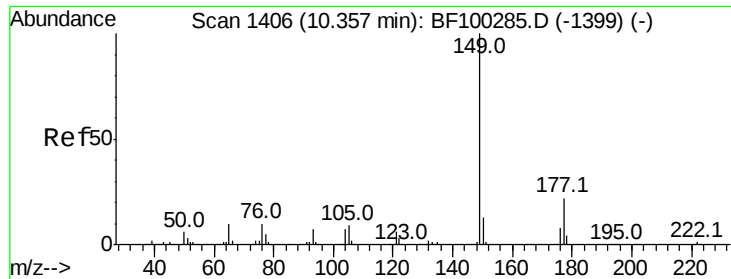


#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.866 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion:232 Resp: 148737
 Ion Ratio Lower Upper
 232 100
 131 42.9 43.8 65.8#
 130 2.2 2.1 3.1
 166 29.2 27.8 41.6

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

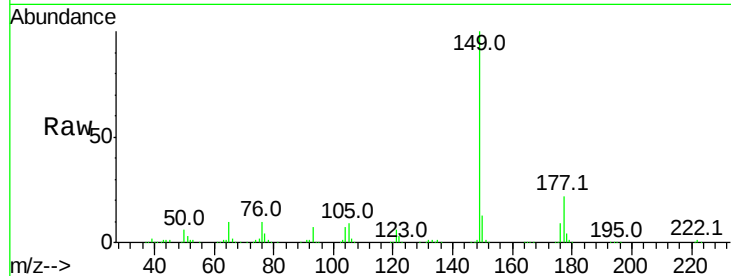




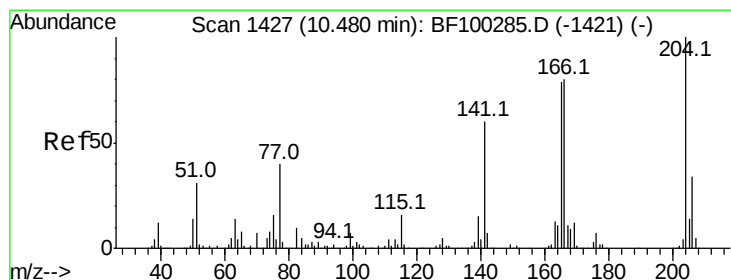
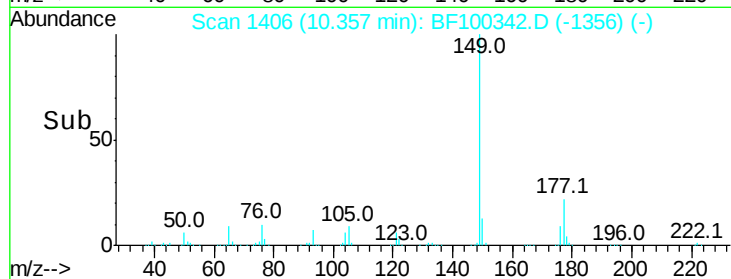
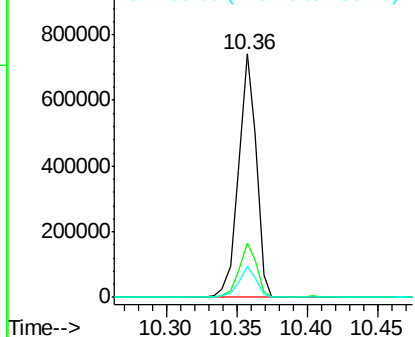
#59
Diethylphthalate
Concen: 41.452 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 645849
Ion Ratio Lower Upper
149 100
177 22.2 16.1 24.1
150 12.8 10.1 15.1

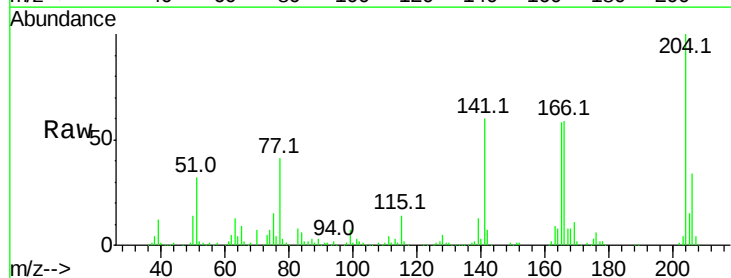


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

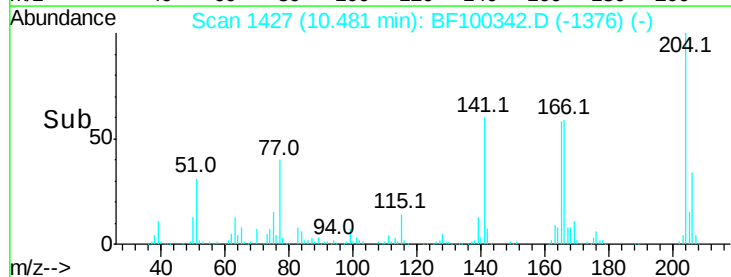
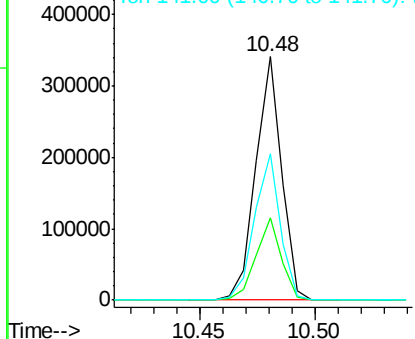


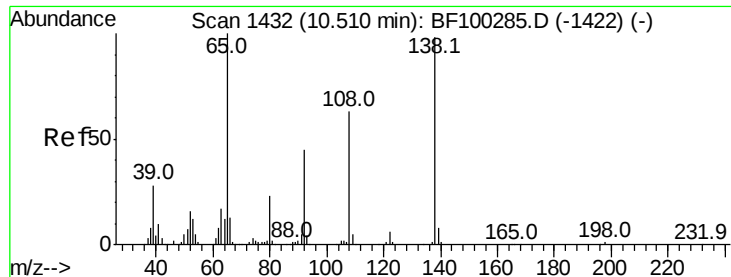
#60
4-Chlorophenyl-phenylether
Concen: 41.168 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Tgt Ion:204 Resp: 267400
Ion Ratio Lower Upper
204 100
206 33.6 26.5 39.7
141 59.9 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

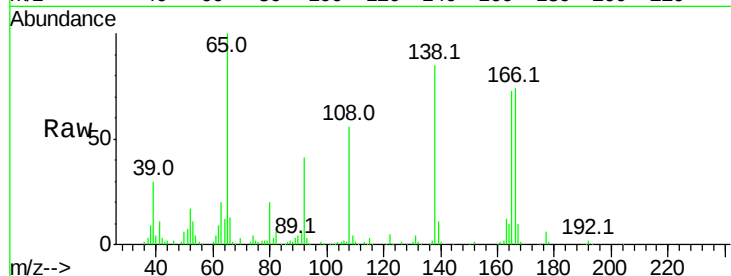




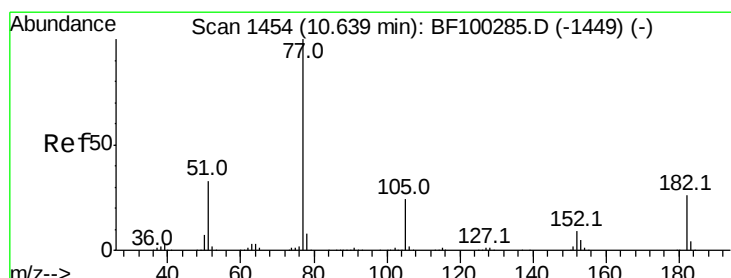
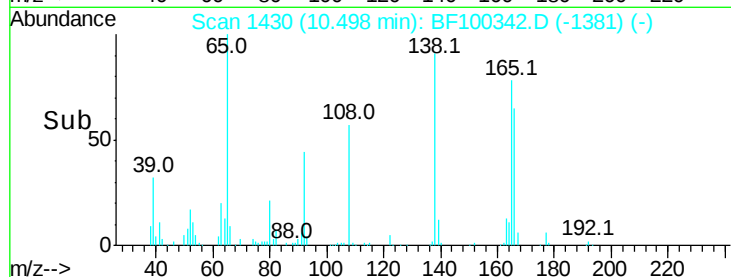
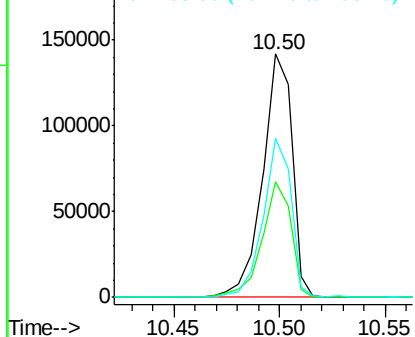
#61
4-Nitroaniline
Concen: 39.997 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 138021
Ion Ratio Lower Upper
138 100
92 47.7 30.2 70.2
108 65.2 52.5 92.5

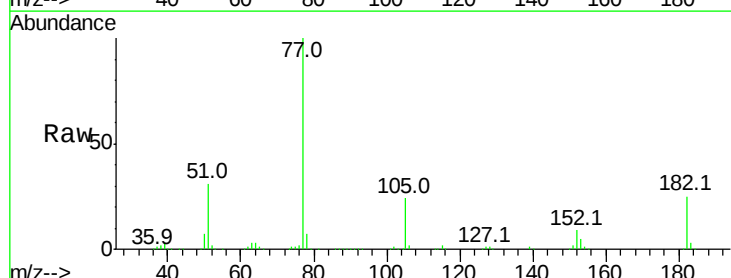


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

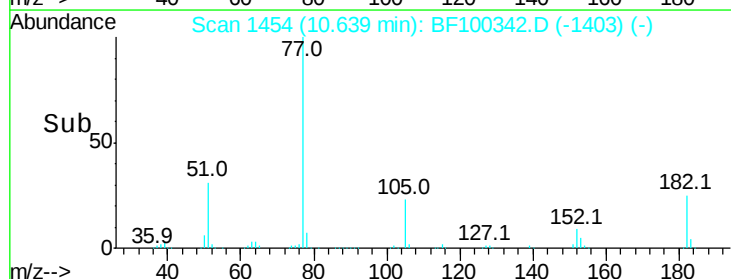
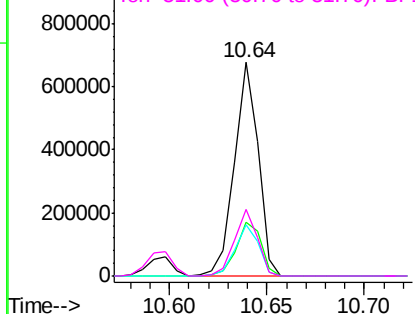


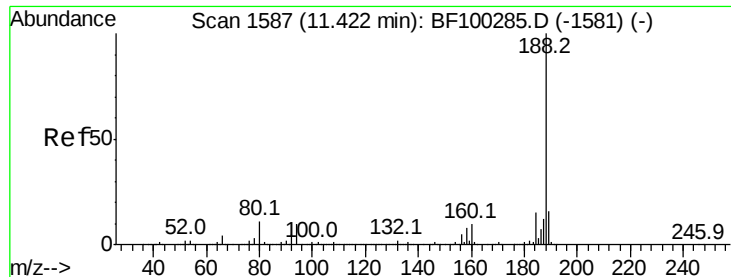
#62
Azobenzene
Concen: 38.952 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Tgt Ion: 77 Resp: 571601
Ion Ratio Lower Upper
77 100
182 25.2 1.7 41.7
105 23.8 3.0 43.0
51 31.3 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

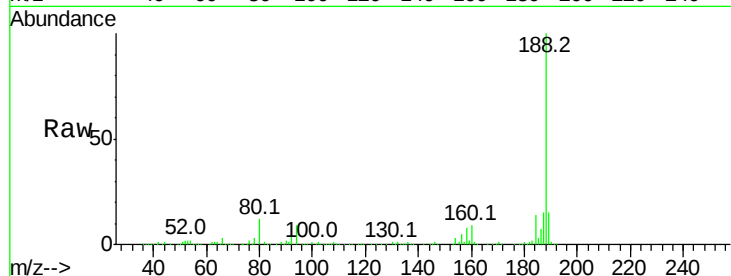
Tot Ion:188 Resp: 345340

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

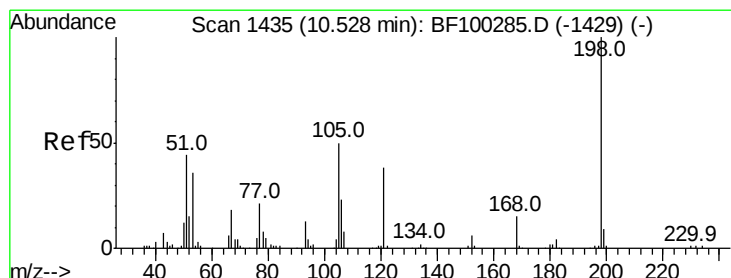
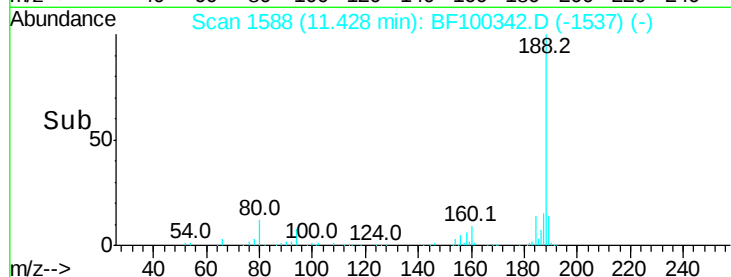
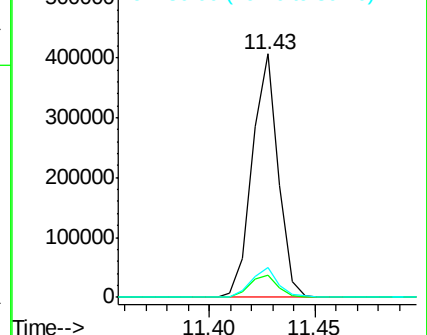
80 12.3 9.2 13.8



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: 15.477 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

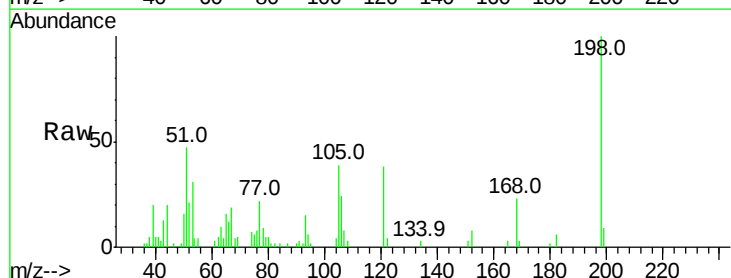
Tgt Ion:198 Resp: 14662

Ion Ratio Lower Upper

198 100

51 46.8 37.7 77.7

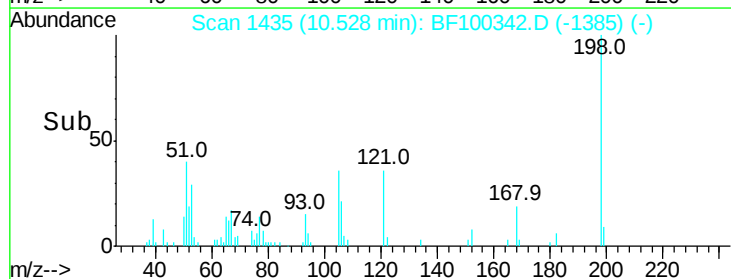
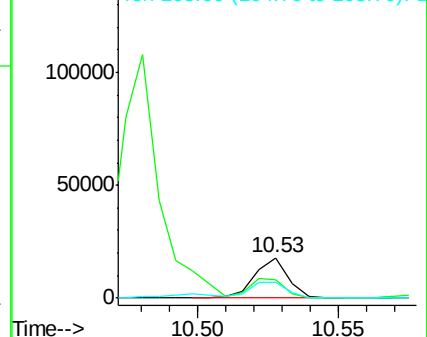
105 39.0 36.3 76.3

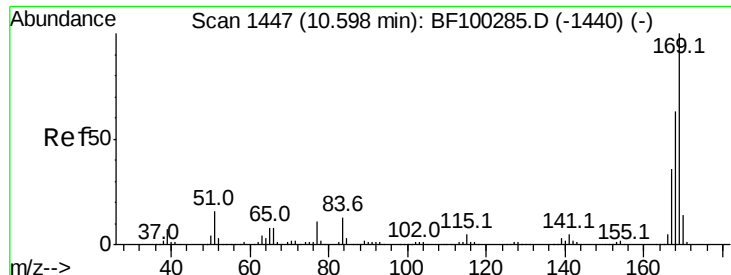


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

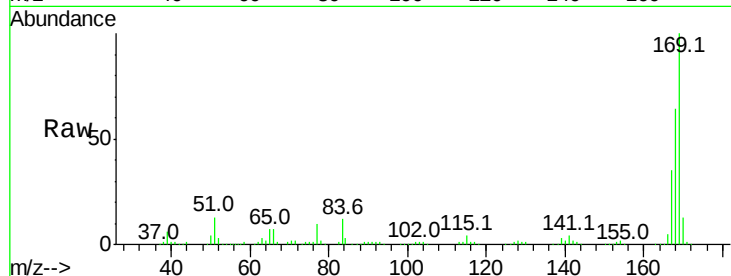




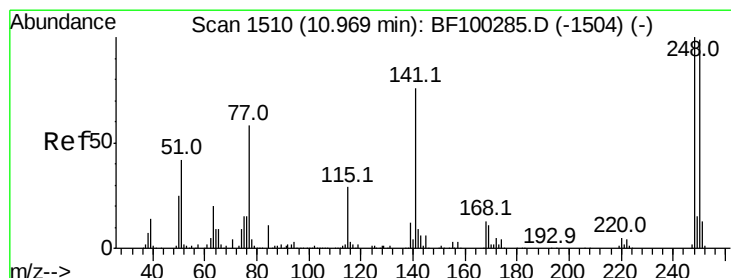
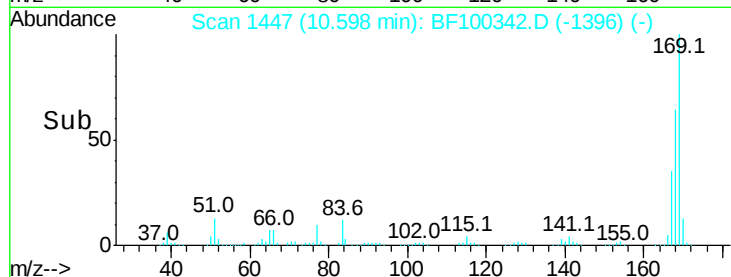
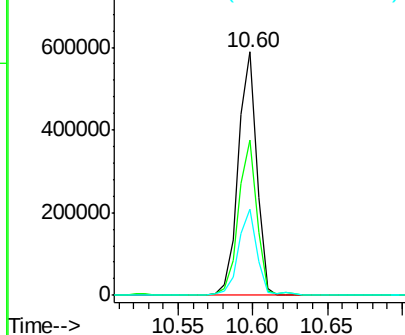
#65
 n-Nitrosodiphenylamine
 Concen: 42.738 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 513186
 Ion Ratio Lower Upper
 169 100
 168 64.0 54.4 81.6
 167 35.4 29.8 44.6

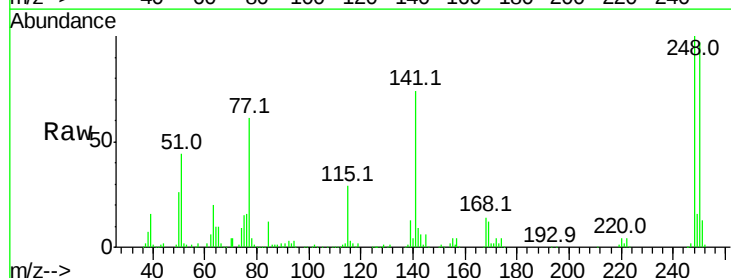


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

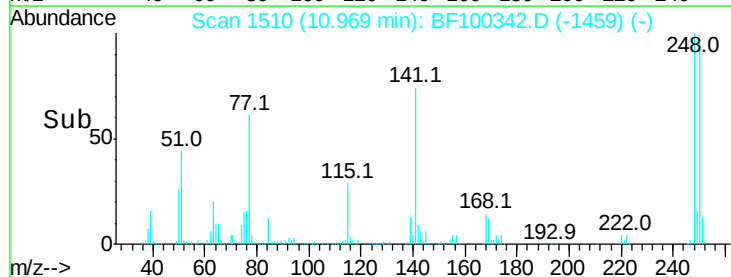
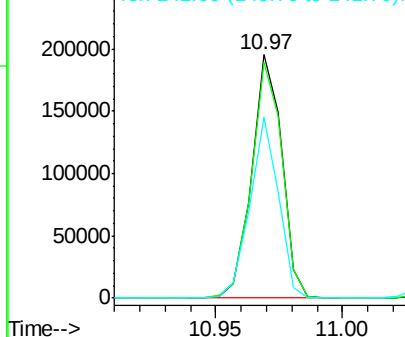


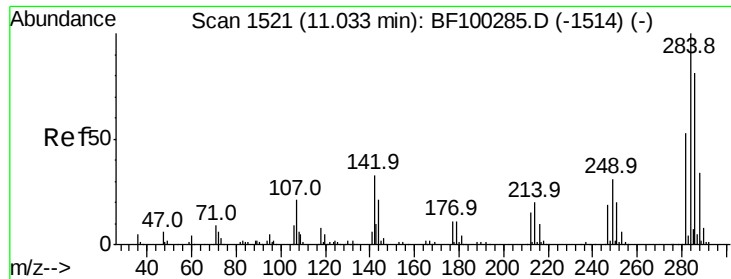
#66
 4-Bromophenyl-phenylether
 Concen: 43.754 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion:248 Resp: 161976
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.9 115.3
 141 74.5 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: 42.573 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

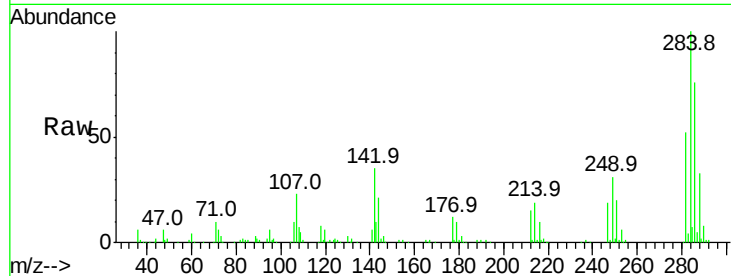
Tot Ion:284 Resp: 164837

Ion Ratio Lower Upper

284 100

142 35.3 34.6 52.0

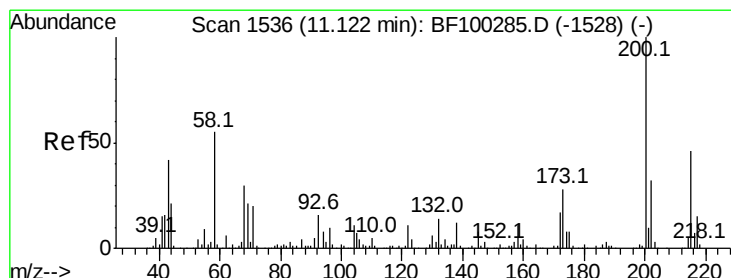
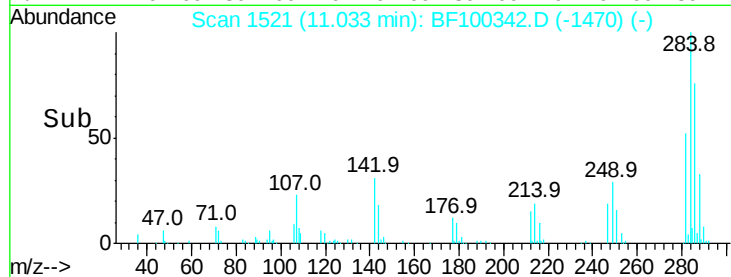
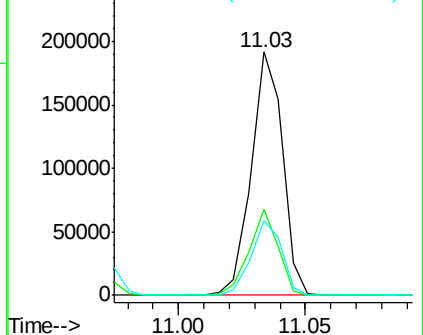
249 30.8 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.984 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

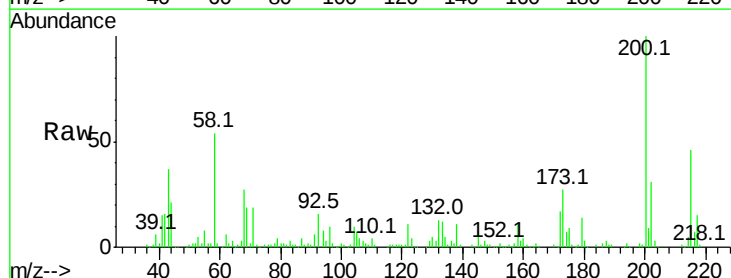
Tgt Ion:200 Resp: 159875

Ion Ratio Lower Upper

200 100

173 26.9 8.6 48.6

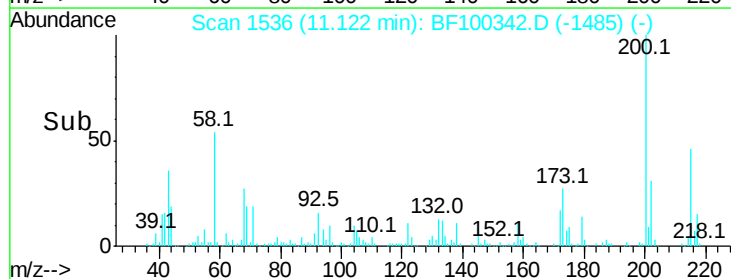
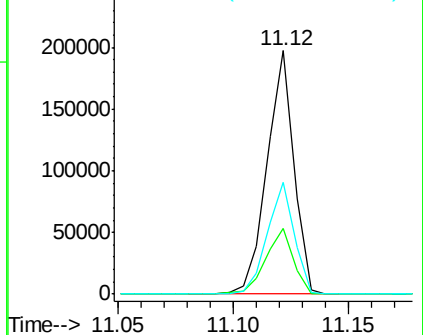
215 46.0 25.1 65.1

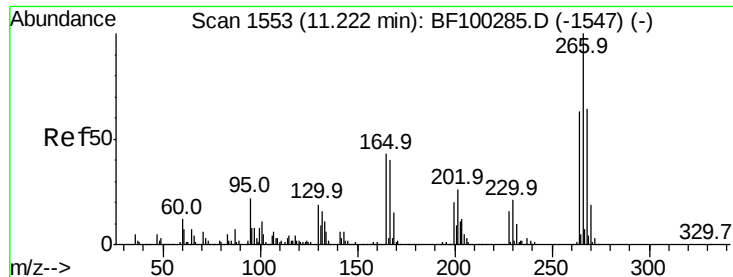


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 68.556 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

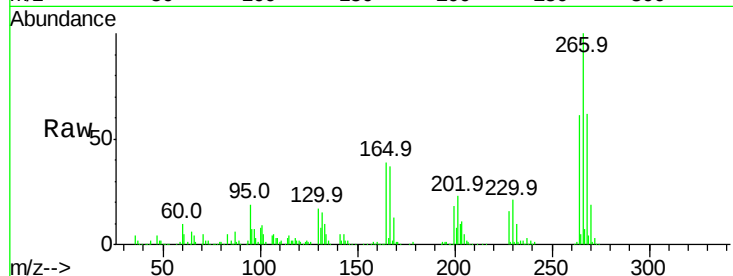
Tot Ion:266 Resp: 190335

Ion Ratio Lower Upper

266 100

268 62.3 51.1 76.7

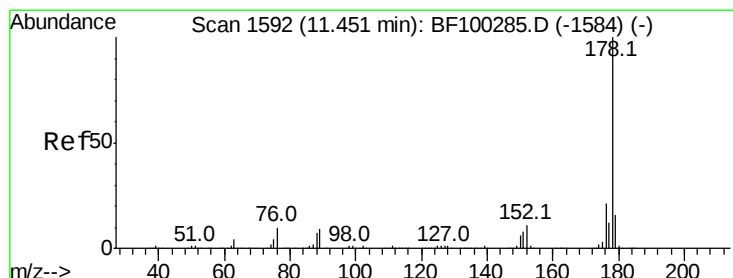
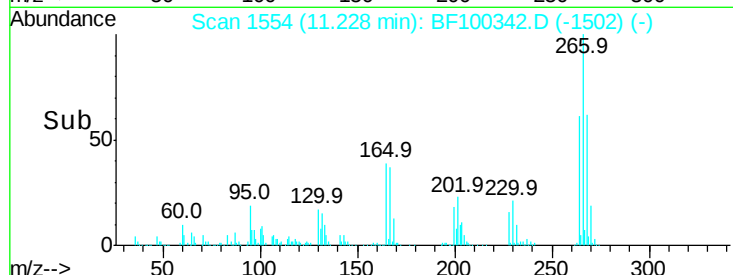
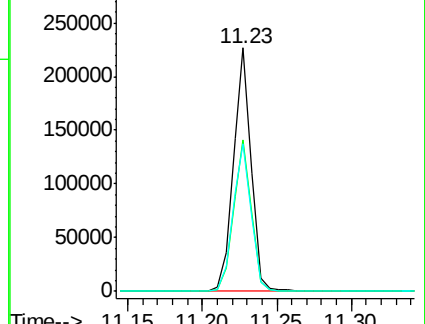
264 60.6 49.5 74.3



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: 41.230 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

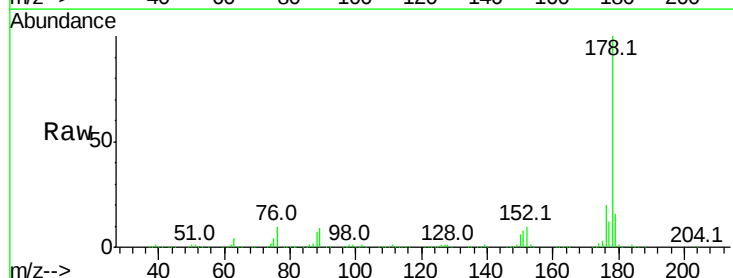
Tgt Ion:178 Resp: 749671

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

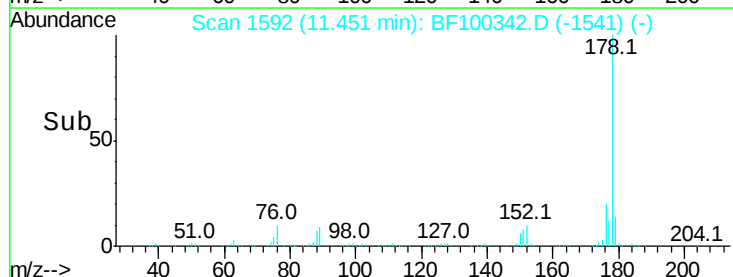
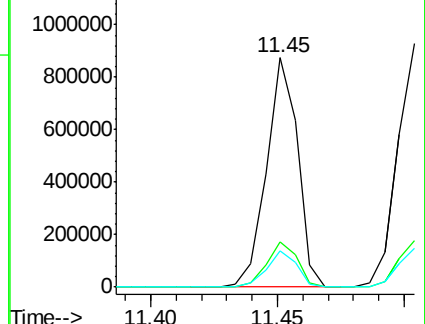
179 15.7 13.0 19.6

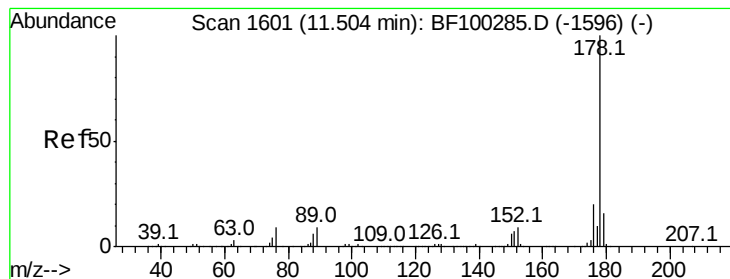


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

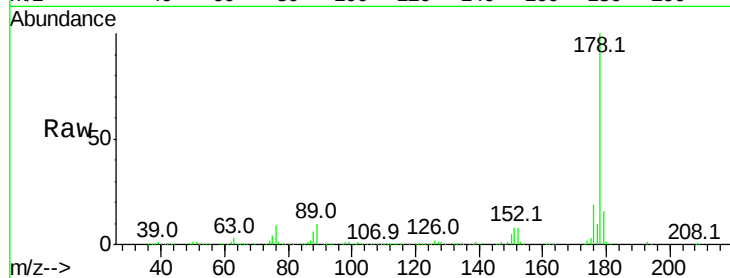




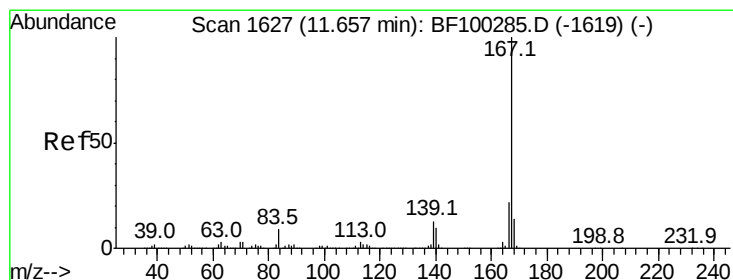
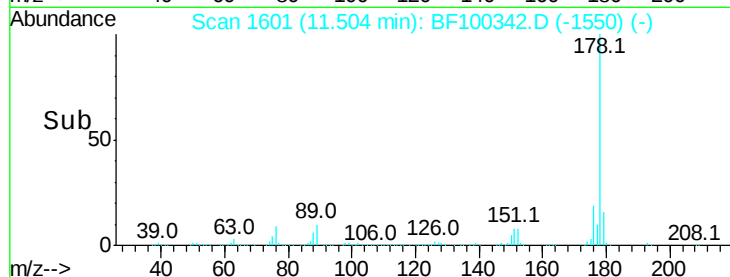
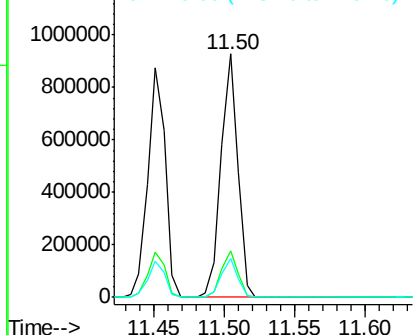
#71
 Anthracene
 Concen: 41.887 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 772708
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0

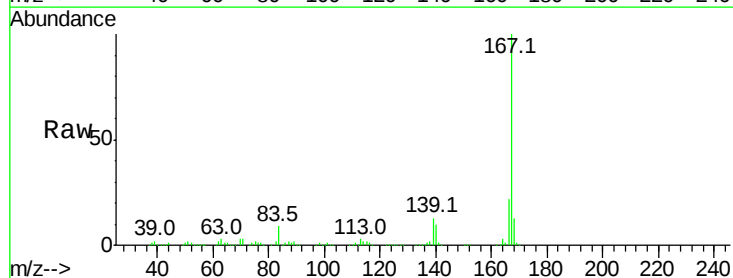


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

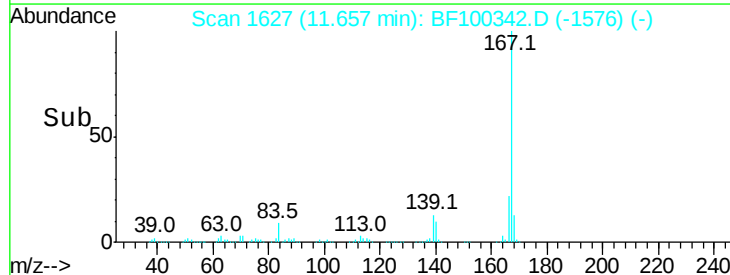
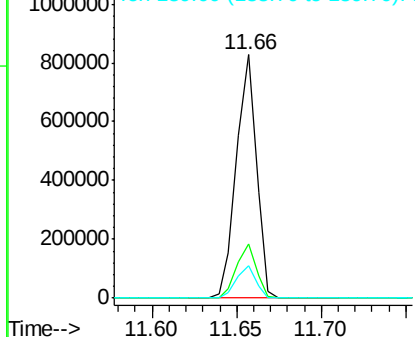


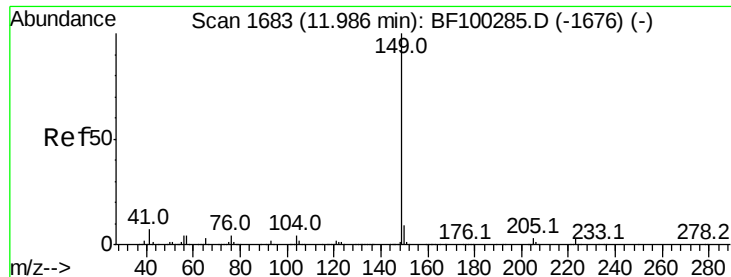
#72
 Carbazole
 Concen: 40.230 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion:167 Resp: 684761
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

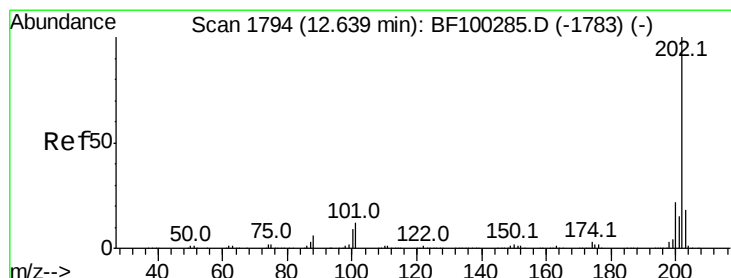
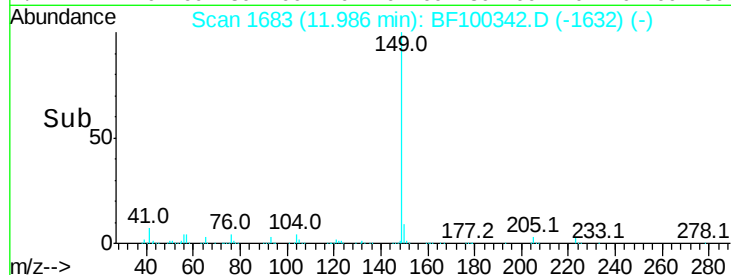
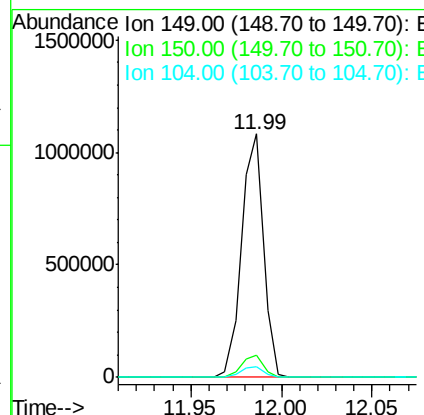
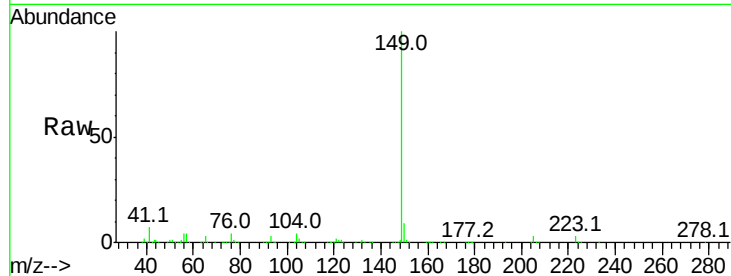




#73
Di-n-butylphthalate
Concen: 45.604 ng
RT: 11.99 min Scan# 1683
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

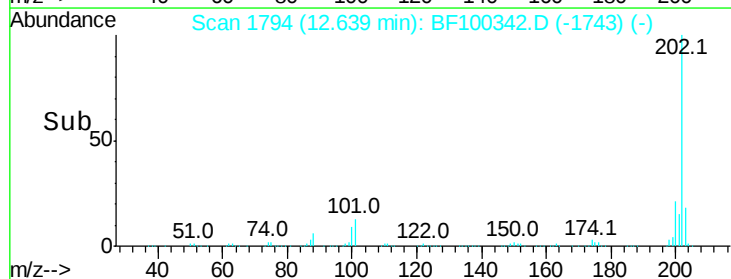
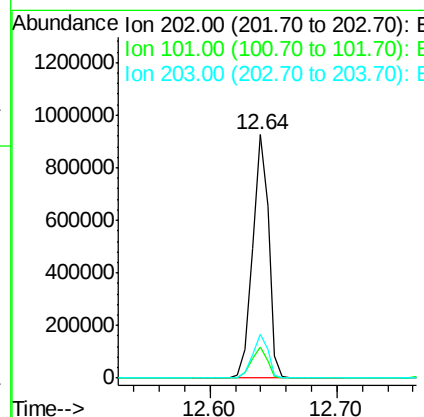
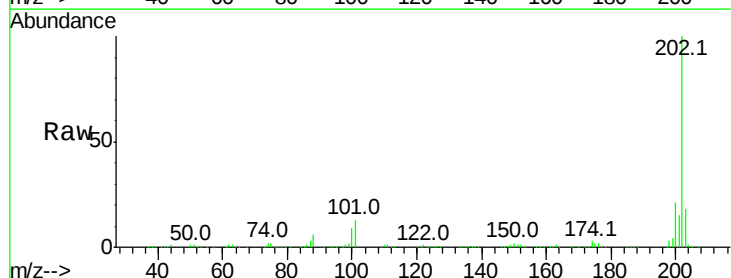
Instrument :
BNA_F
ClientSampleId :

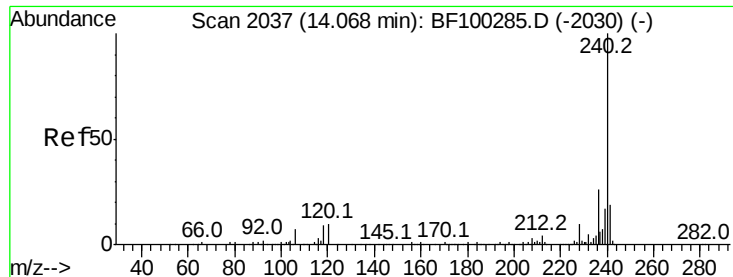
Tot Ion:149 Resp: 908394
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 41.940 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Tgt Ion:202 Resp: 808193
Ion Ratio Lower Upper
202 100
101 12.9 0.0 34.1
203 18.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

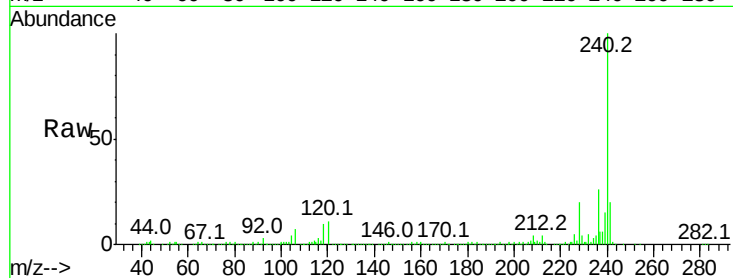
Tot Ion:240 Resp: 281405

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

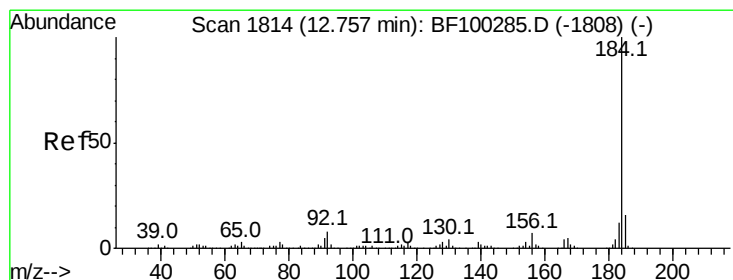
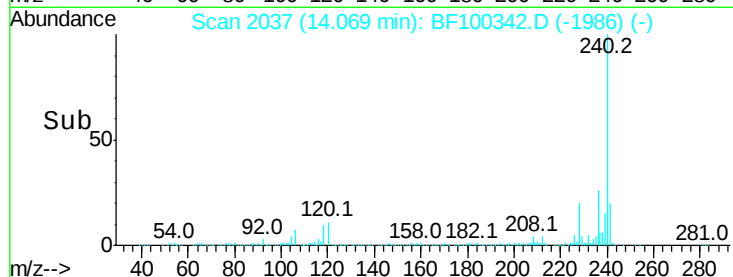
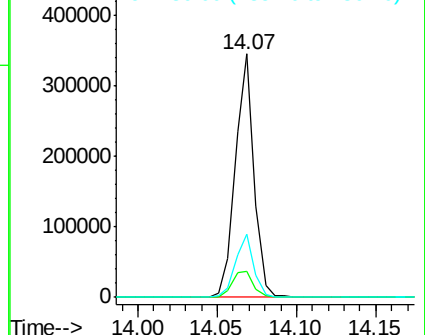
236 25.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 48.862 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

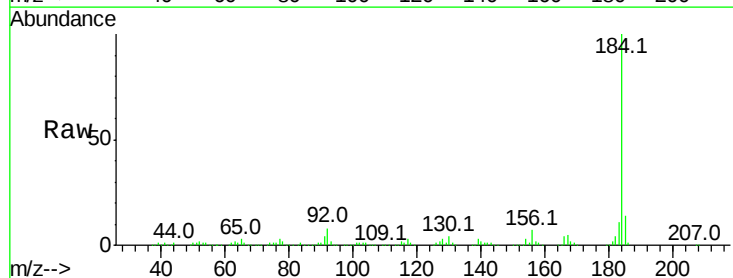
Tgt Ion:184 Resp: 550656

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

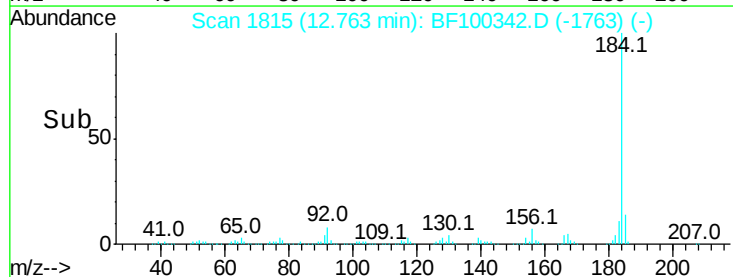
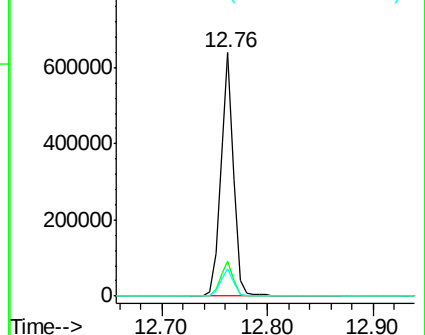
183 11.5 9.3 13.9

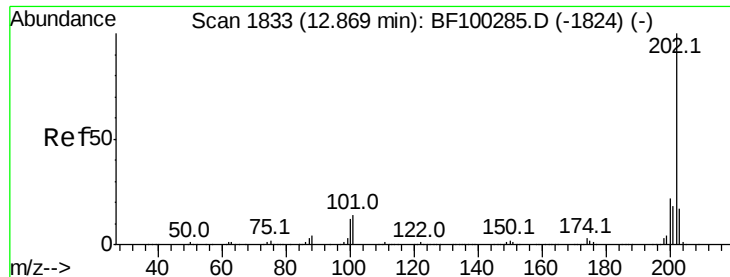


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.579 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

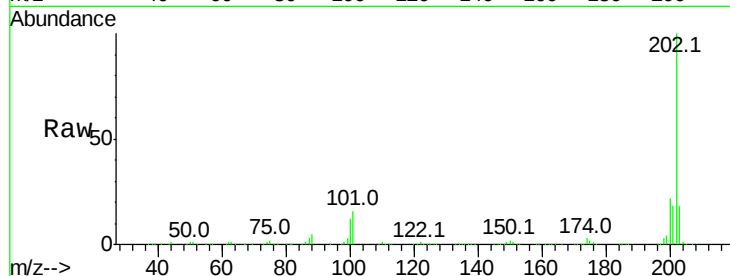
Tot Ion:202 Resp: 834069

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

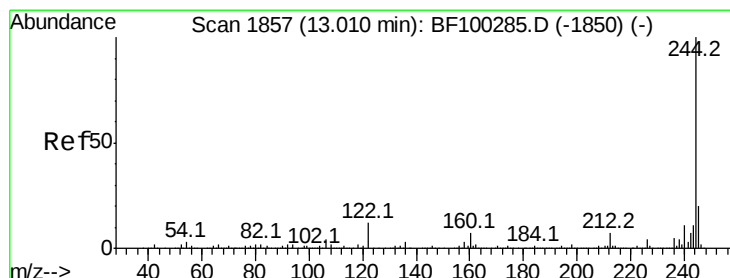
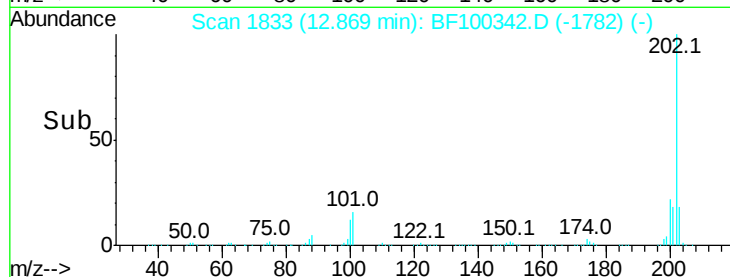
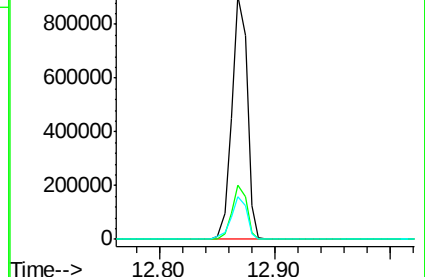
203 17.6 14.3 21.5



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: 84.124 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

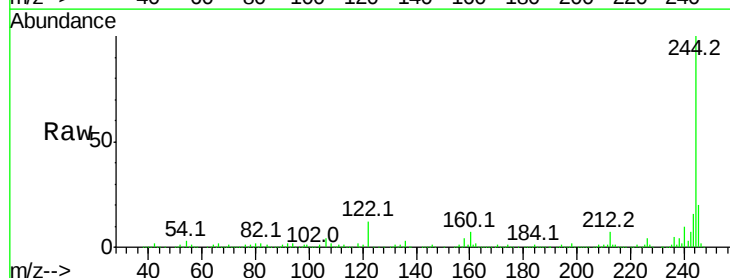
Tgt Ion:244 Resp: 1030289

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

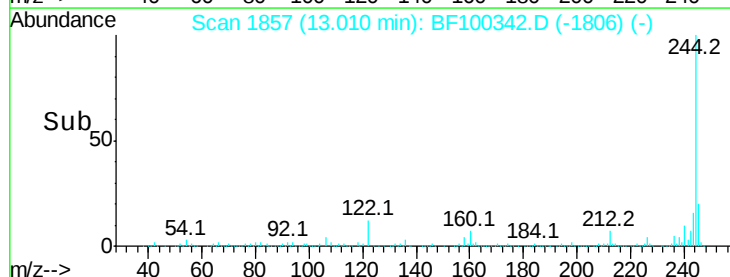
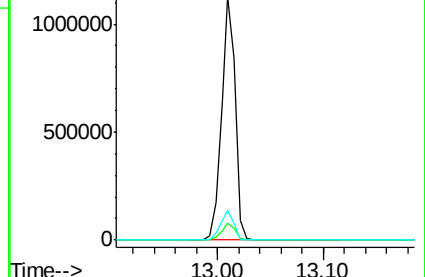
122 12.3 11.0 16.4

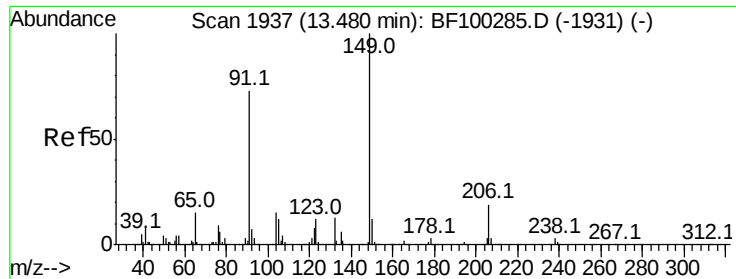


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

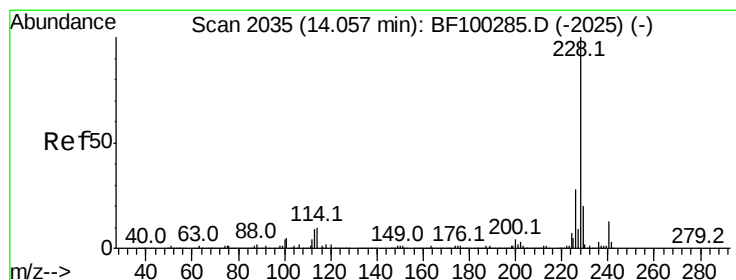
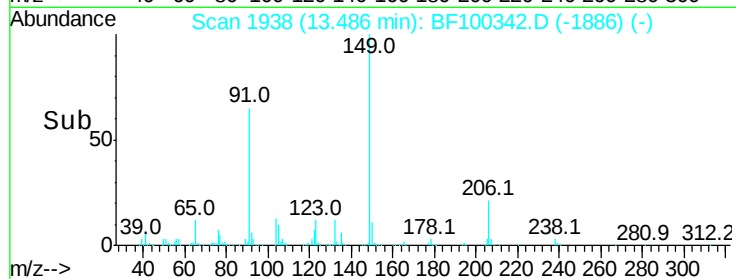
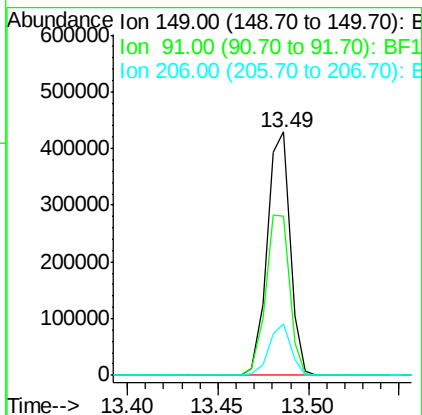
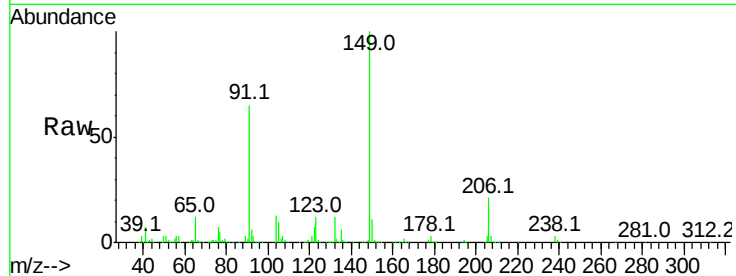




#79
 Butylbenzylphthalate
 Concen: 46.418 ng
 RT: 13.49 min Scan# 1938
 Delta R.T. 0.01 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

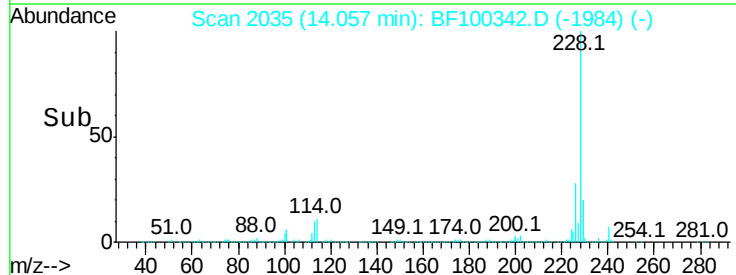
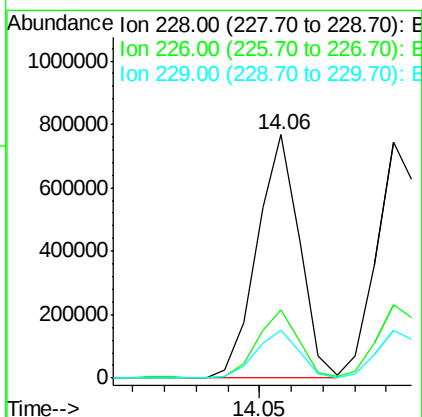
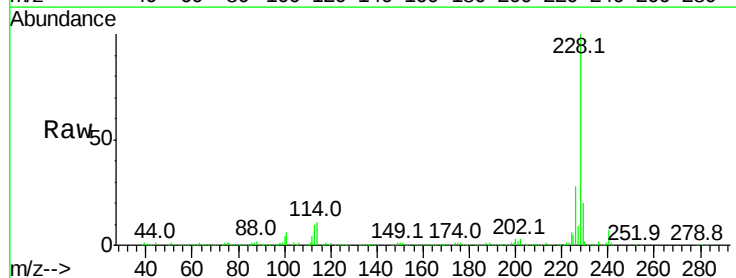
Instrument :
 BNA_F
 ClientSampled :

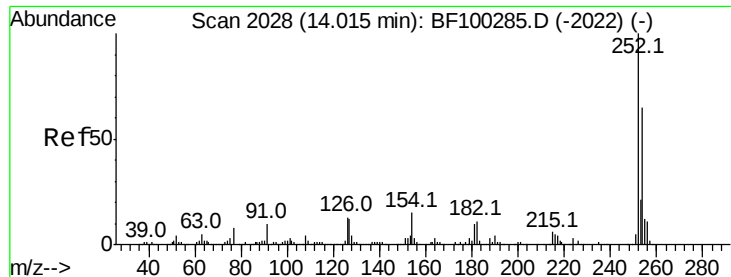
Tot Ion:149 Resp: 379731
 Ion Ratio Lower Upper
 149 100
 91 65.2 56.8 85.2
 206 21.4 14.1 21.1#



#80
 Benzo(a)anthracene
 Concen: 42.001 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion:228 Resp: 711761
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.6 33.8
 229 19.8 15.8 23.6

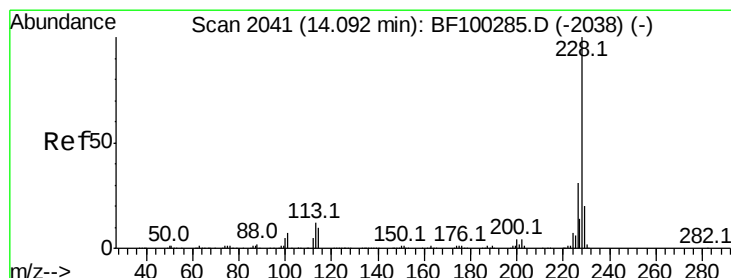
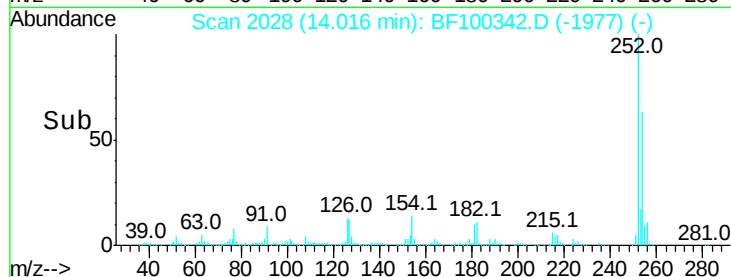
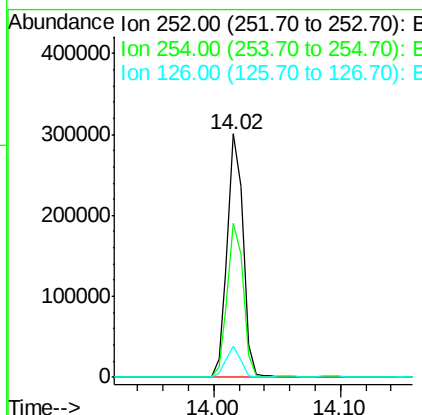
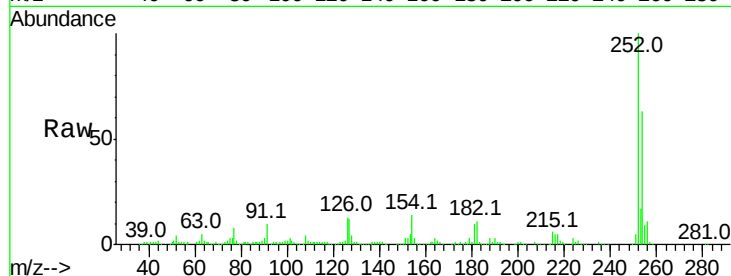




#81
 3,3'-Dichlorobenzidine
 Concen: 43.204 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

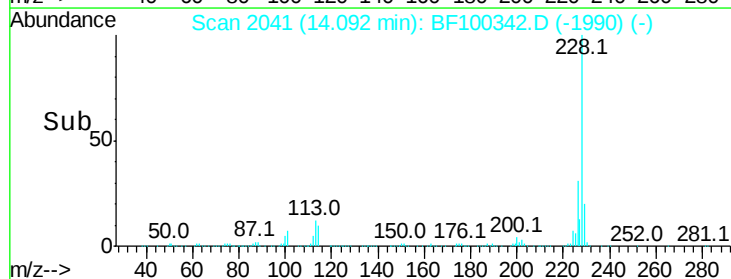
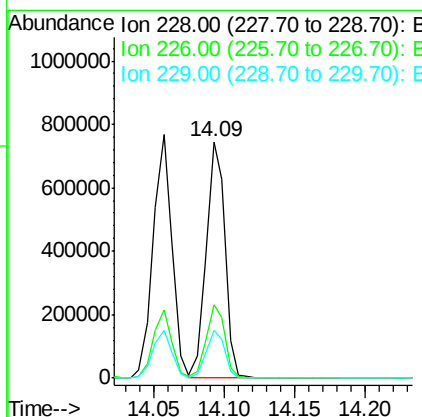
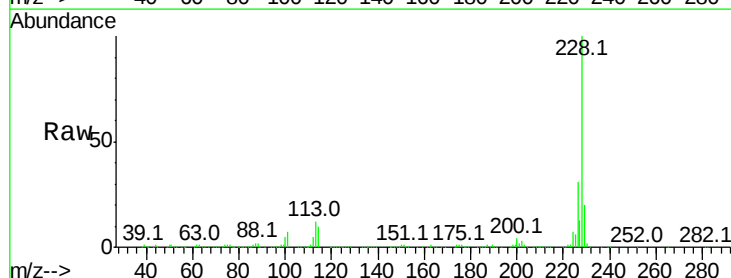
Instrument :
 BNA_F
 ClientSampleId :

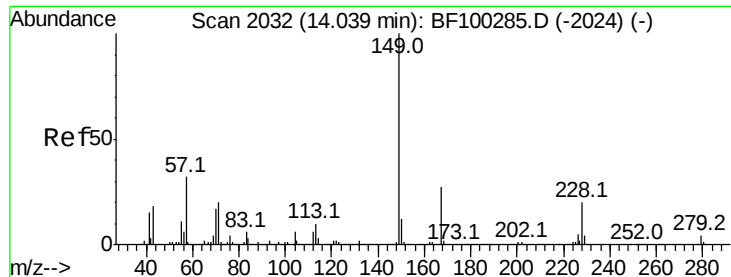
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.4	75.6
126	12.8	11.3	16.9



#82
 Chrysene
 Concen: 41.785 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.2	16.2	24.4

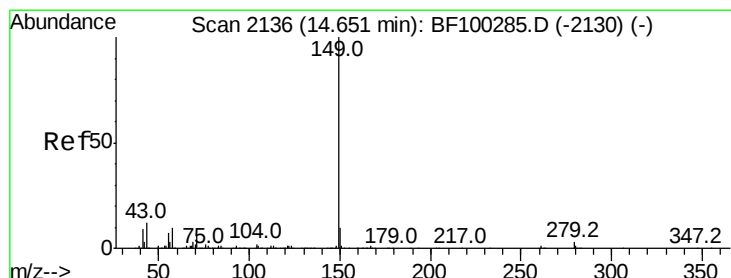
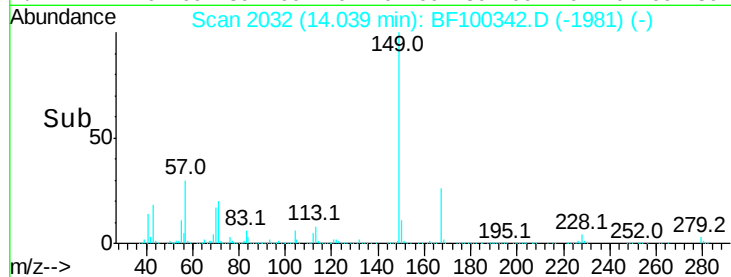
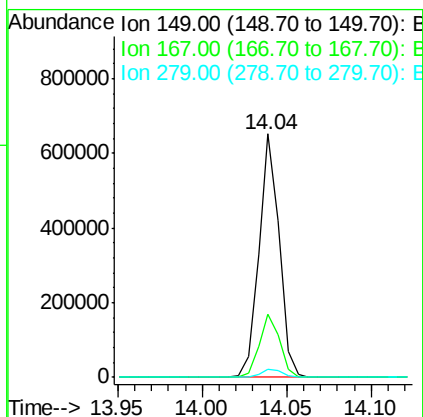
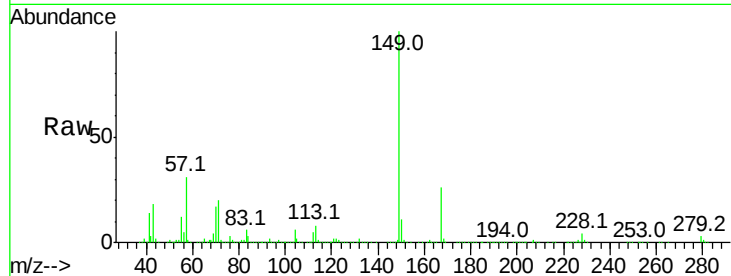




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.412 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

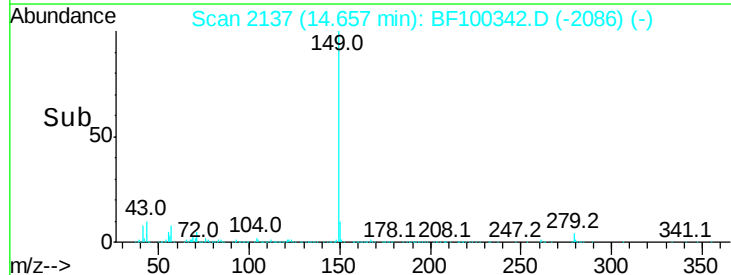
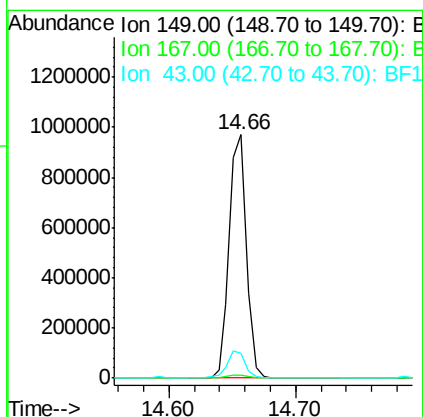
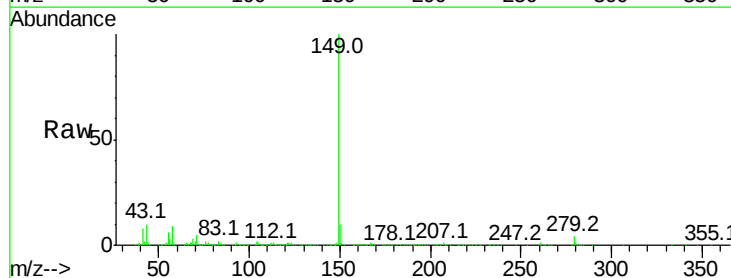
Instrument :
 BNA_F
 ClientSampleId :

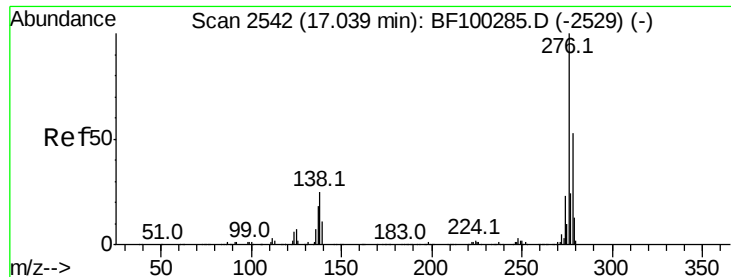
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 48.928 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	8.4	12.6

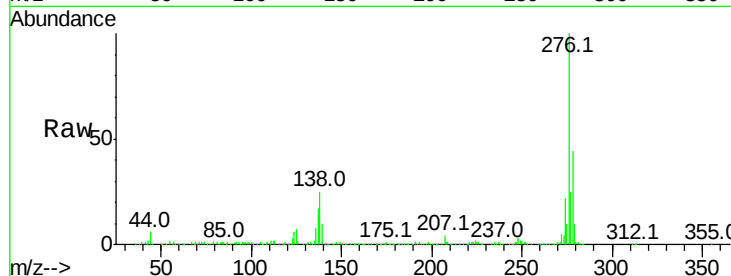




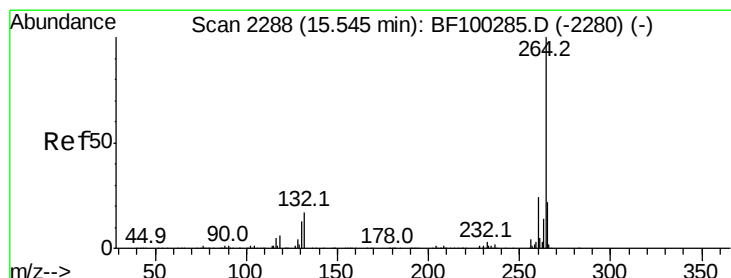
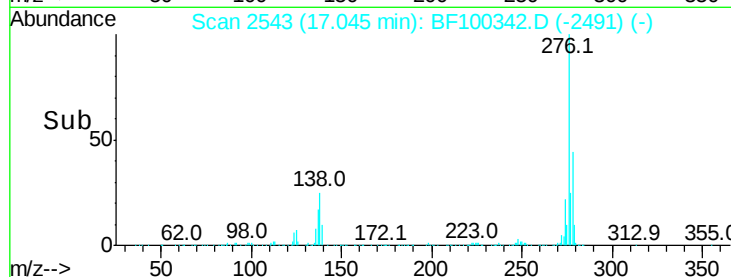
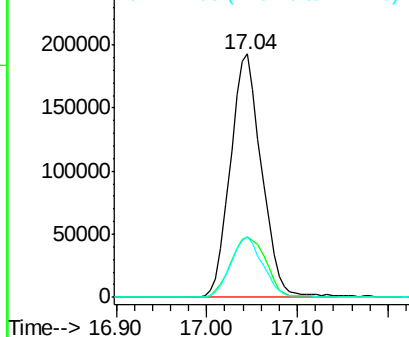
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.852 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. 0.01 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	25.0	37.6
277	25.7	20.1	30.1

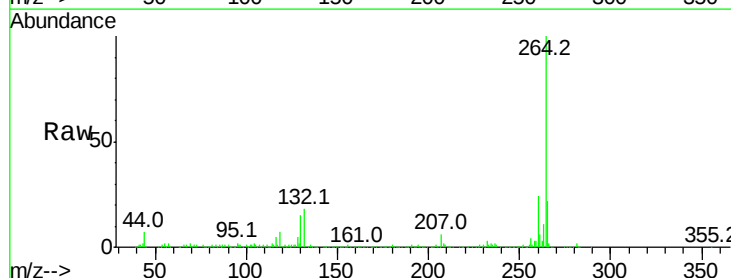


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

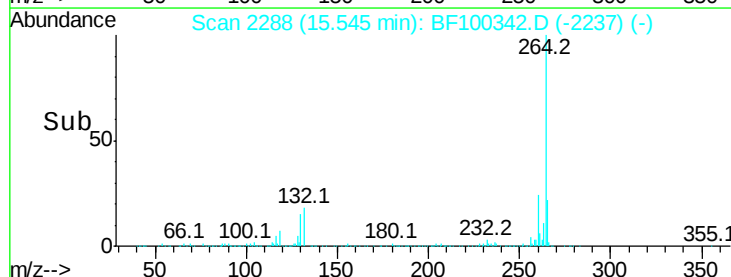
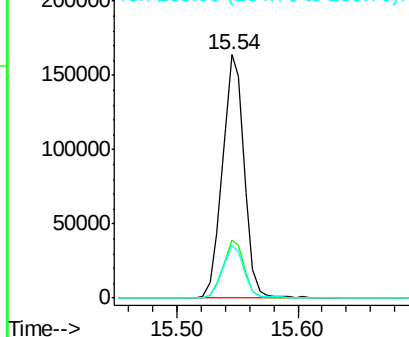


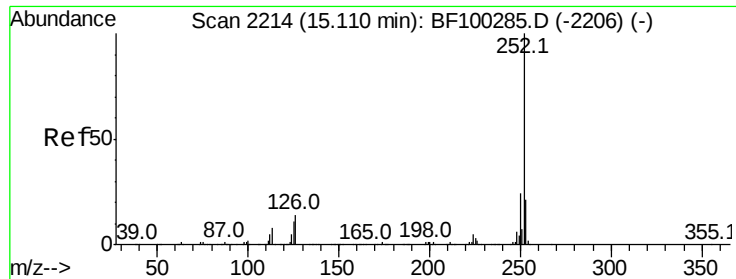
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BF100342.D
 Acq: 9 Nov 2017 15:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	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: 45.309 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

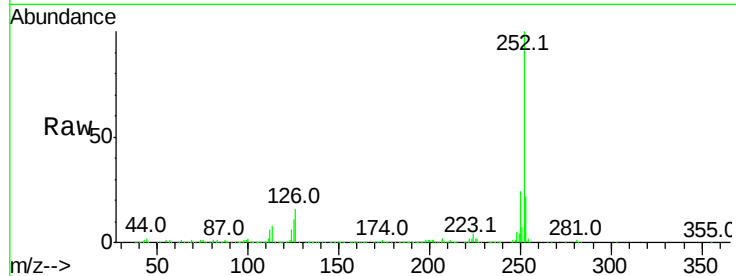
Tot Ion:252 Resp: 546018

Ion Ratio Lower Upper

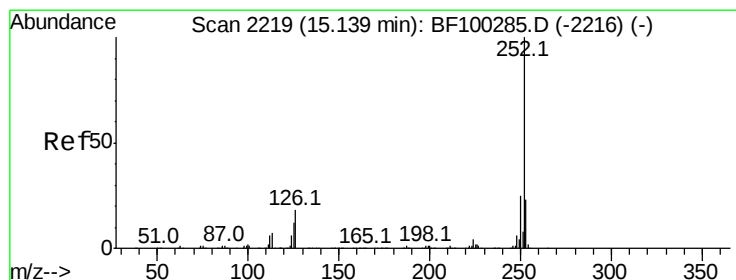
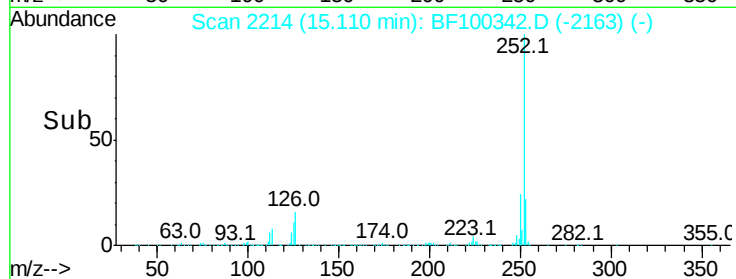
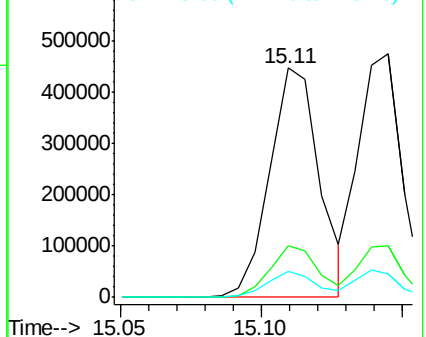
252 100

253 22.2 17.0 25.6

125 11.4 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 47.953 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.04 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

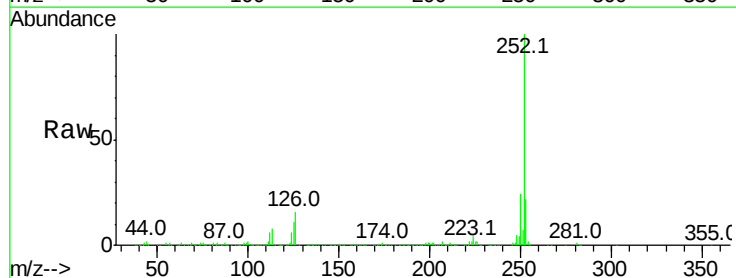
Tgt Ion:252 Resp: 546018

Ion Ratio Lower Upper

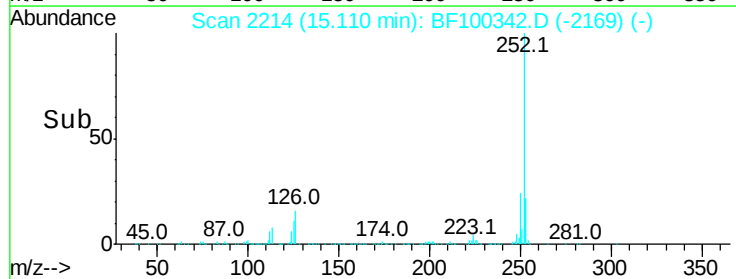
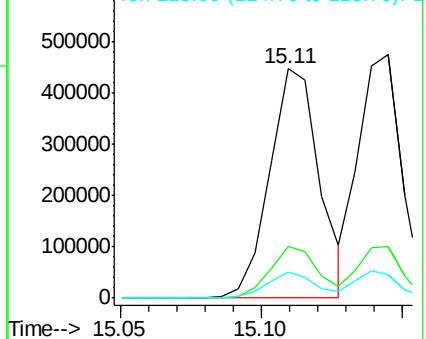
252 100

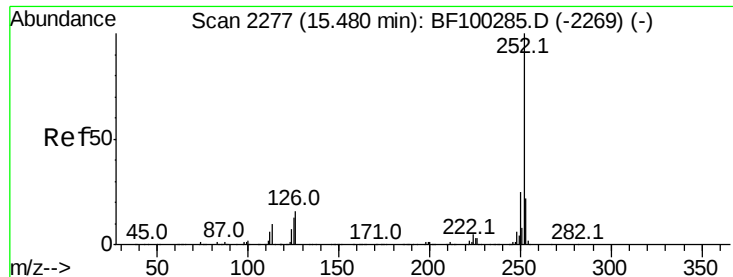
253 22.2 17.9 26.9

125 11.4 10.2 15.2



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

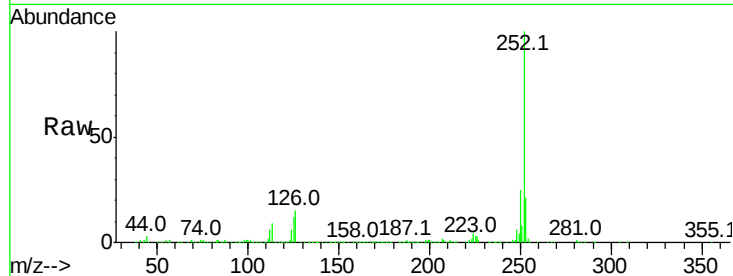




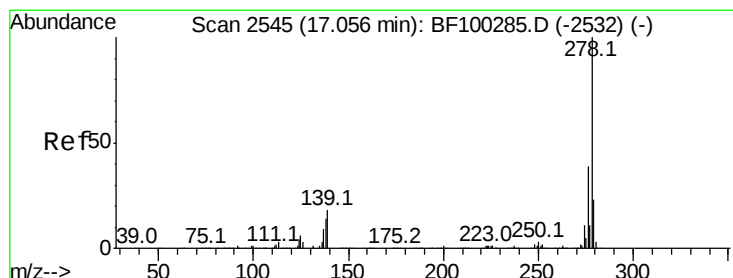
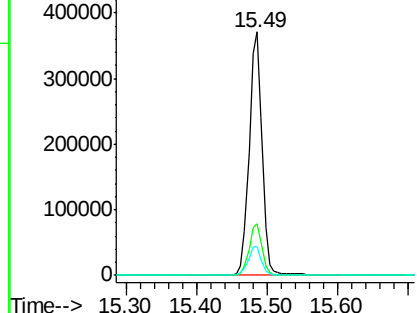
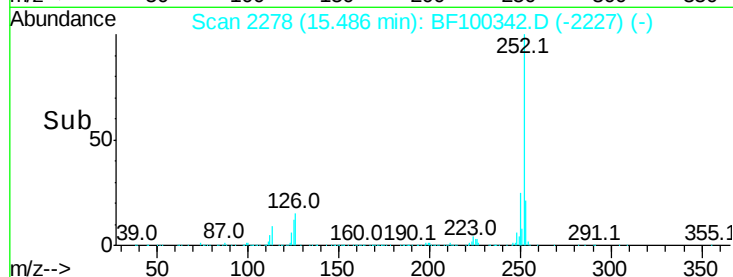
#89
Benzo(a)pyrene
Concen: 44.507 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 475497
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 11.9 9.8 14.6

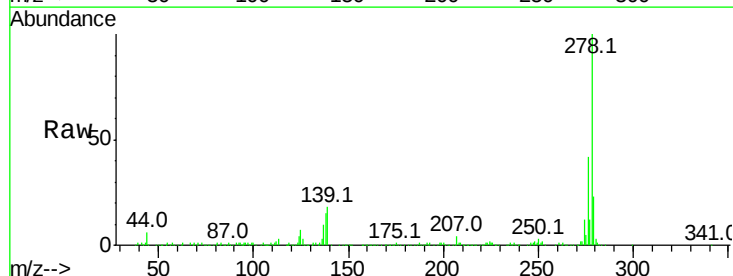


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

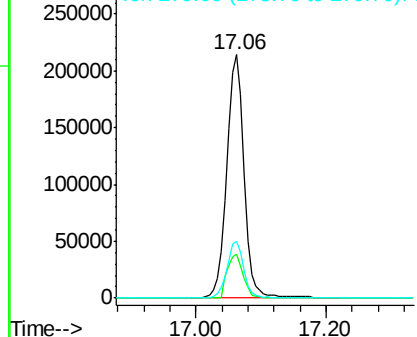
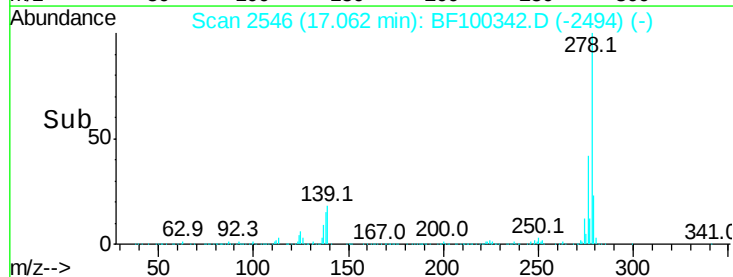


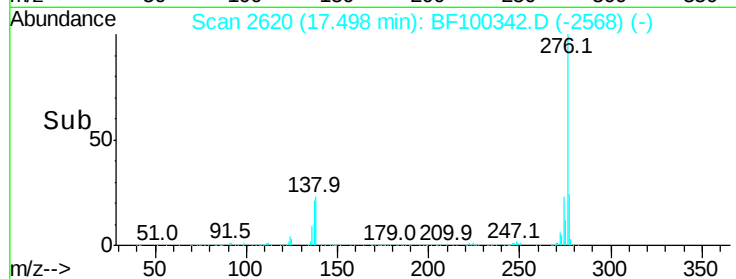
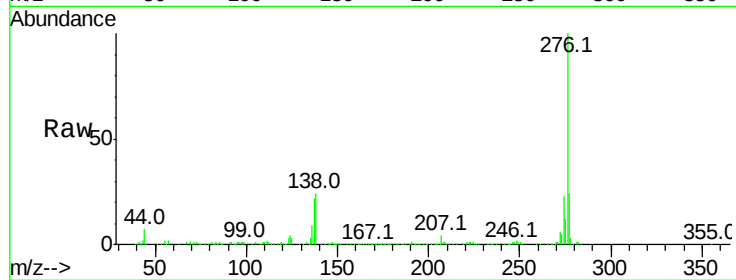
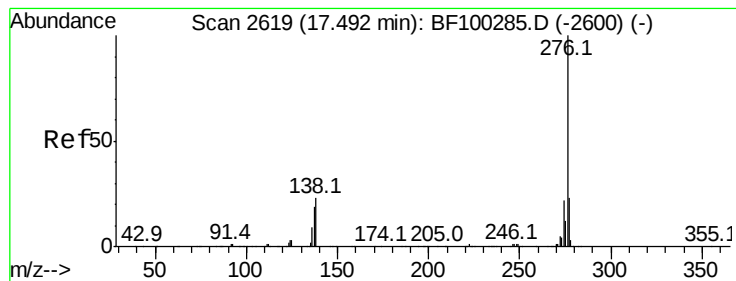
#90
Dibenzo(a,h)anthracene
Concen: 45.369 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BF100342.D
Acq: 9 Nov 2017 15:17

Tgt Ion:278 Resp: 396399
Ion Ratio Lower Upper
278 100
139 17.9 15.9 23.9
279 23.4 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: 45.041 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.01 min

Lab File: BF100342.D

Acq: 9 Nov 2017 15:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 385227

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 23.6 21.8 32.8

