

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100350.D
 Acq On : 9 Nov 2017 19:41
 Operator : SJ/JU
 Sample : PB104087BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 00:25:51 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	163768	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	684068	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	334127	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	653053	20.00	ng	0.00
75) Chrysene-d12	14.07	240	446944	20.00	ng	0.00
86) Perylene-d12	15.54	264	367931	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1192594	116.73	ng	0.02
7) Phenol-d6	6.53	99	1482960	117.71	ng	0.01
23) Nitrobenzene-d5	7.47	82	952804	92.09	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	415506	122.04	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1787453	81.46	ng	0.00
78) Terphenyl-d14	13.02	244	1660797	85.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	210863	42.352	ng	94
3) Pyridine	3.57	79	618881	45.562	ng	94
4) n-Nitrosodimethylamine	3.53	42	307232	46.586	ng	94
6) Aniline	6.57	93	358555	20.146	ng	100
8) 2-Chlorophenol	6.69	128	528912	48.937	ng	99
9) Benzaldehyde	6.46	77	329729	36.649	ng	98
10) Phenol	6.55	94	643982	48.693	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	524420	47.208	ng	95
12) 1,3-Dichlorobenzene	6.85	146	586927	47.102	ng	99
13) 1,4-Dichlorobenzene	6.92	146	586646	46.516	ng	98
14) 1,2-Dichlorobenzene	7.07	146	544899	46.729	ng	98
15) Benzyl Alcohol	7.05	79	484565	49.283	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	973264	54.778	ng	98
17) 2-Methylphenol	7.15	107	474781	51.405	ng	99
18) Hexachloroethane	7.42	117	208472	50.134	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	382991	43.836	ng	92
20) 3+4-Methylphenols	7.30	107	558631	47.797	ng	# 87
22) Acetophenone	7.32	105	707603	42.420	ng	# 96
24) Nitrobenzene	7.49	77	581474	54.601	ng	99
25) Isophorone	7.73	82	1108316	50.973	ng	100
26) 2-Nitrophenol	7.80	139	304981	59.614	ng	97
27) 2,4-Dimethylphenol	7.83	122	540719	55.475	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	685006	48.163	ng	99
29) 2,4-Dichlorophenol	8.04	162	500518	53.791	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	485732	48.259	ng	96
31) Naphthalene	8.21	128	1536823	46.643	ng	99
32) Benzoic acid	7.96	122	395231	51.986	ng	99
33) 4-Chloroaniline	8.25	127	98299	7.167	ng	96
34) Hexachlorobutadiene	8.32	225	281884	47.103	ng	97
35) Caprolactam	8.64	113	97919	30.664	ng	94
36) 4-Chloro-3-methylphenol	8.73	107	512853	51.318	ng	99
37) 2-Methylnaphthalene	8.90	142	1064760	48.676	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	462069	41.698	ng	99
40) Hexachlorocyclopentadiene	9.05	237	574344	110.124	ng	100

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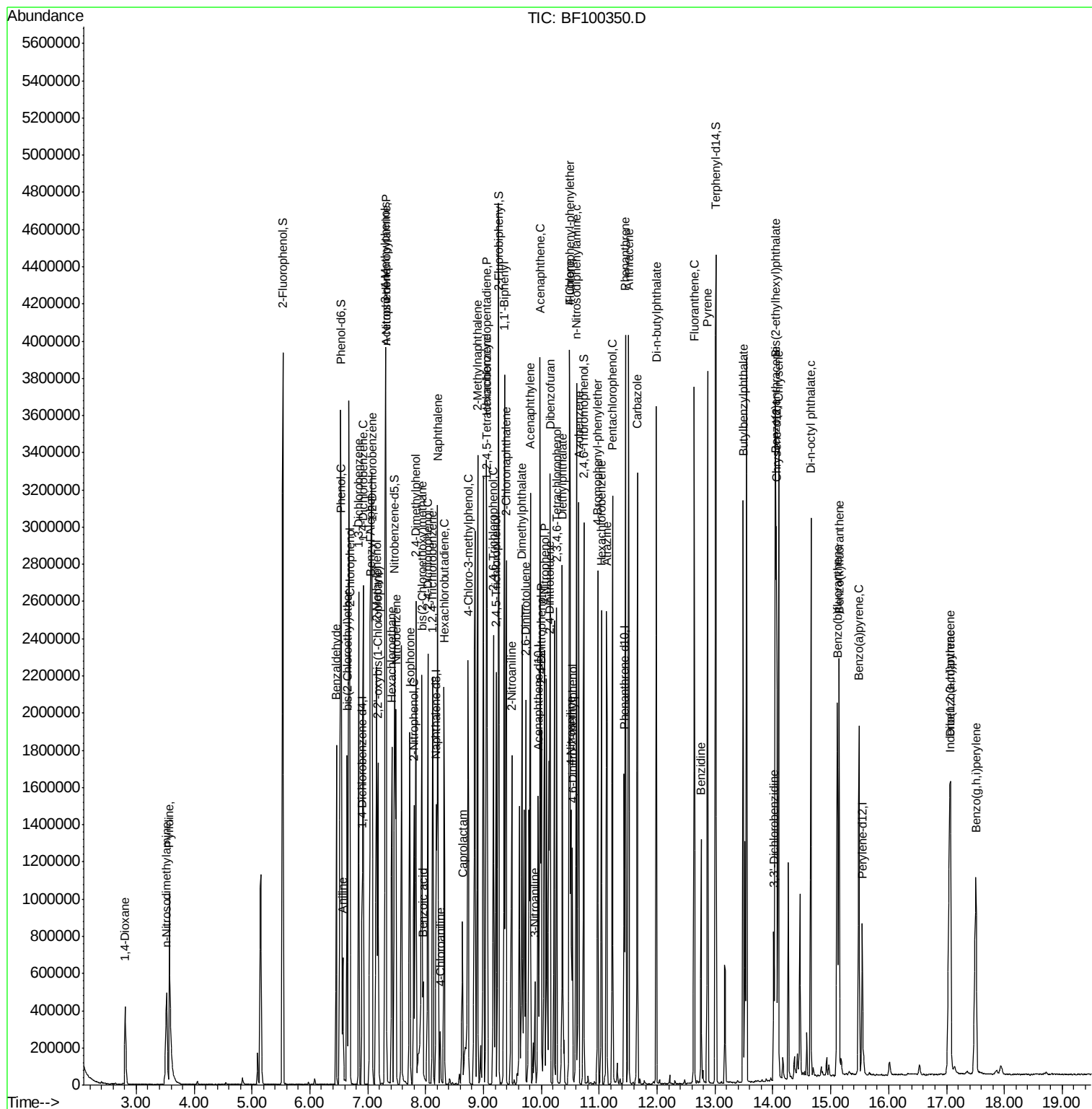
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	377379	53.733	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	369096	50.724	ng	92
45) 1,1'-Biphenyl	9.36	154	1260273	43.610	ng	99
46) 2-Chloronaphthalene	9.39	162	995091	47.465	ng	96
47) 2-Nitroaniline	9.49	65	339891	54.469	ng	98
48) Acenaphthylene	9.81	152	1571116	45.220	ng	100
49) Dimethylphthalate	9.67	163	1208672	47.378	ng	99
50) 2,6-Dinitrotoluene	9.73	165	274513	54.362	ng	98
51) Acenaphthene	9.98	154	1059432	50.138	ng	100
52) 3-Nitroaniline	9.89	138	91512	15.347	ng	94
53) 2,4-Dinitrophenol	10.00	184	281821	108.595	ng	# 14
54) Dibenzofuran	10.15	168	1383543	46.717	ng	99
55) 4-Nitrophenol	10.06	139	475582	98.223	ng	97
56) 2,4-Dinitrotoluene	10.13	165	371909	58.380	ng	94
57) Fluorene	10.49	166	1022772	47.142	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	318332	53.379	ng	# 88
59) Diethylphthalate	10.36	149	1187706	46.523	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	494453	46.458	ng	96
61) 4-Nitroaniline	10.52	138	284674	50.347	ng	95
62) Azobenzene	10.65	77	1142903	47.532	ng	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	185915	54.886	ng	78
65) n-Nitrosodiphenylamine	10.60	169	1009170	44.443	ng	96
66) 4-Bromophenyl-phenylether	10.97	248	341153	48.732	ng	# 87
67) Hexachlorobenzene	11.04	284	349254	47.700	ng	# 90
68) Atrazine	11.13	200	337123	49.046	ng	97
69) Pentachlorophenol	11.23	266	408056	77.723	ng	98
70) Phenanthrene	11.46	178	1559115	45.344	ng	99
71) Anthracene	11.51	178	1601631	45.912	ng	99
72) Carbazole	11.66	167	1443793	44.855	ng	99
73) Di-n-butylphthalate	11.99	149	1786370	47.424	ng	100
74) Fluoranthene	12.64	202	1627906	44.673	ng	98
76) Benzidine	12.76	184	516424	28.852	ng	99
77) Pyrene	12.87	202	1668533	52.371	ng	100
79) Butylbenzylphthalate	13.49	149	737922	56.794	ng	98
80) Benzo(a)anthracene	14.06	228	1293148	48.046	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	154075	15.978	ng	99
82) Chrysene	14.10	228	1254737	48.142	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	958900	56.113	ng	98
84) Di-n-octyl phthalate	14.66	149	1474633	50.231	ng	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	1087672	51.594	ng	96
87) Benzo(b)fluoranthene	15.12	252	1040991	47.756	ng	99
88) Benzo(k)fluoranthene	15.14	252	1009867	49.032	ng	99
89) Benzo(a)pyrene	15.49	252	968308	50.107	ng	100
90) Dibenzo(a,h)anthracene	17.07	278	887495	56.157	ng	98
91) Benzo(g,h,i)perylene	17.51	276	944733	61.068	ng	96

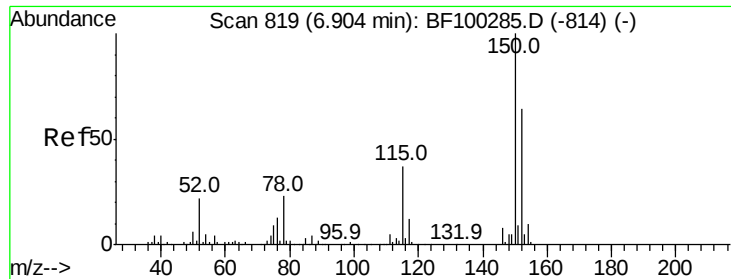
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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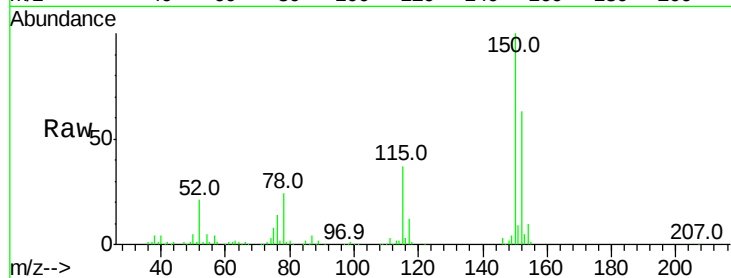


#1

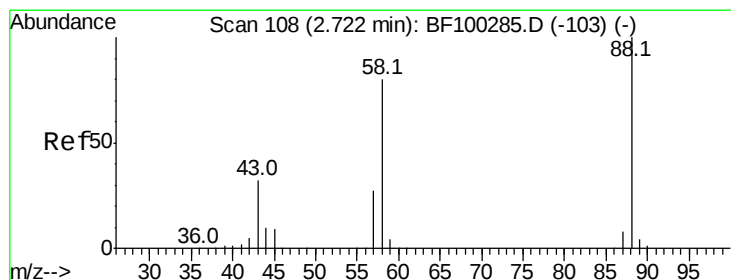
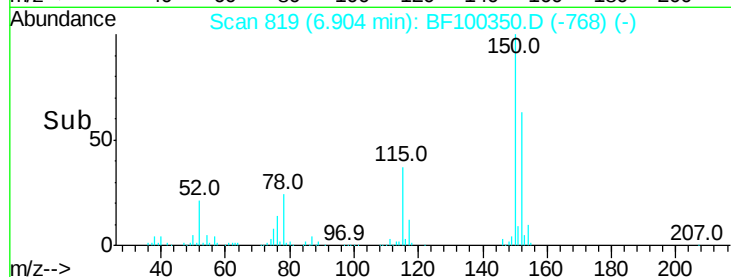
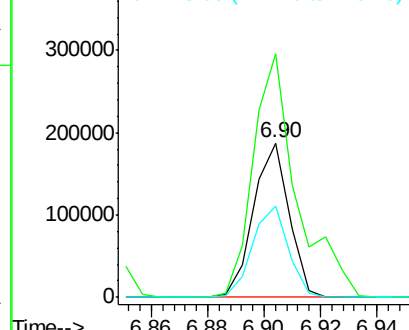
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163768
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 58.9 50.1 75.1



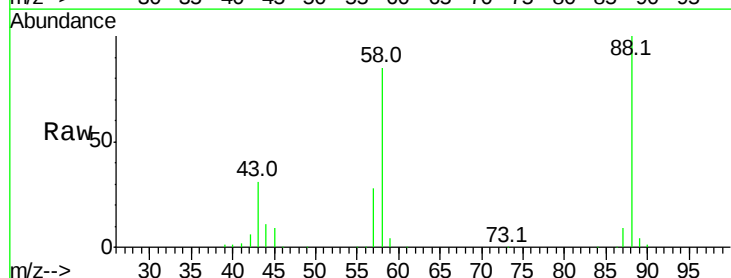
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



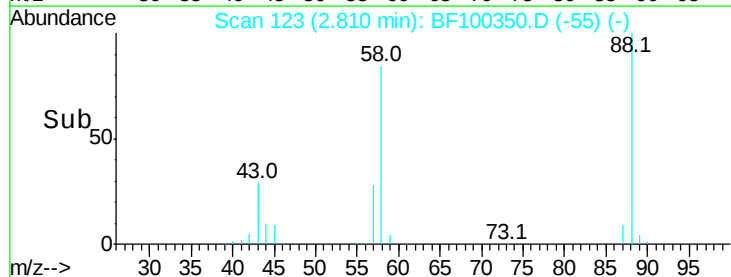
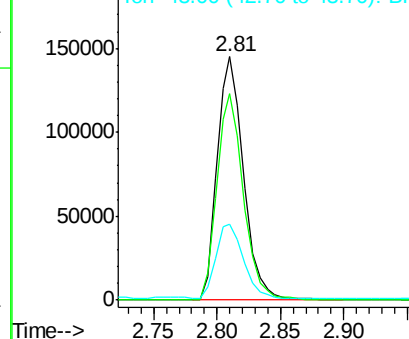
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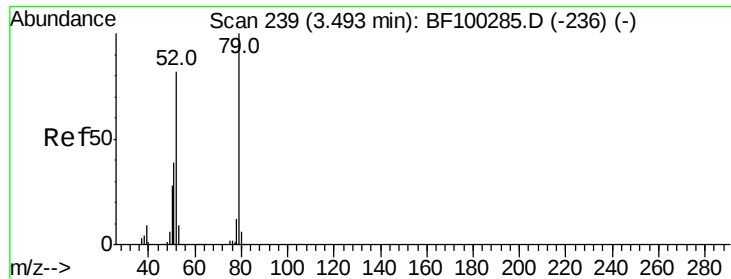
1,4-Dioxane
Concen: 42.352 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.10 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion: 88 Resp: 210863
Ion Ratio Lower Upper
88 100
58 85.4 62.6 93.8
43 31.7 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: 45.562 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.08 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

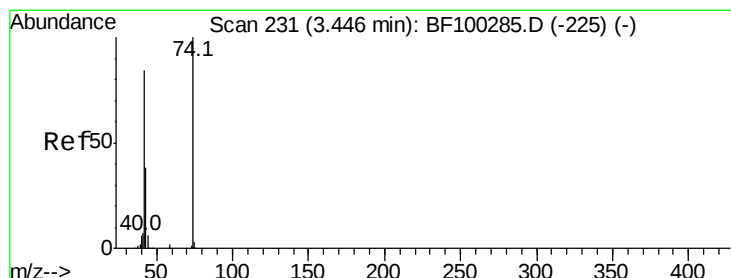
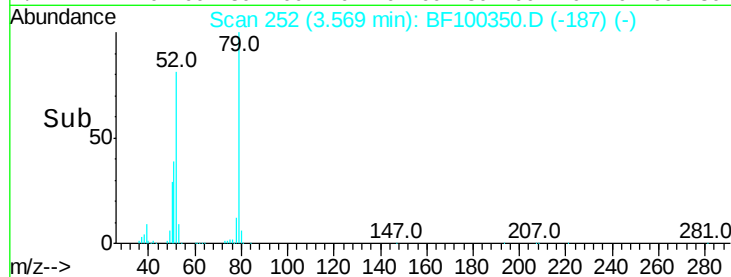
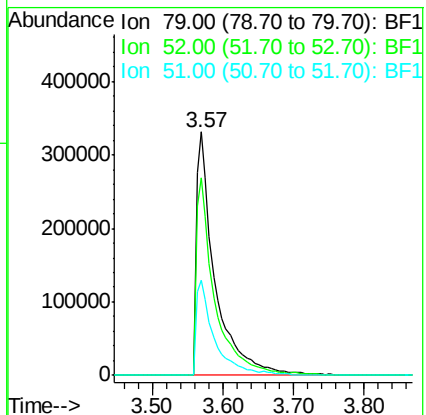
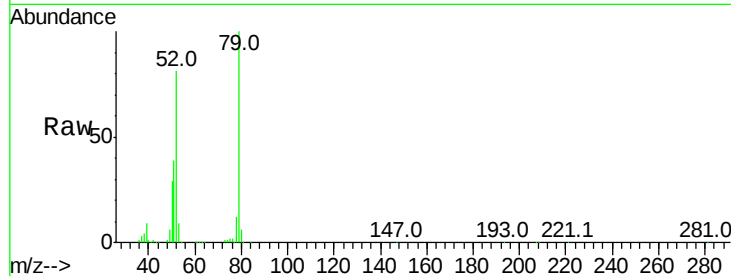
Tot Ion: 79 Resp: 618881

Ion Ratio Lower Upper

79 100

52 81.4 59.8 89.6

51 38.8 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 46.586 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.08 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

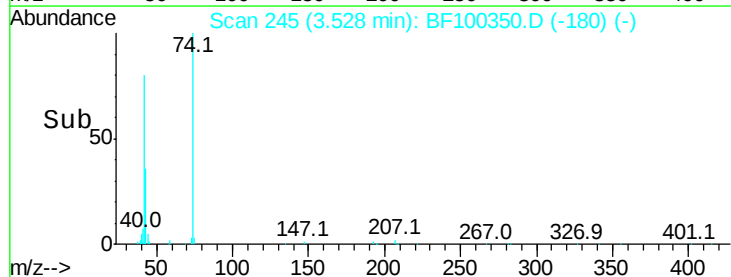
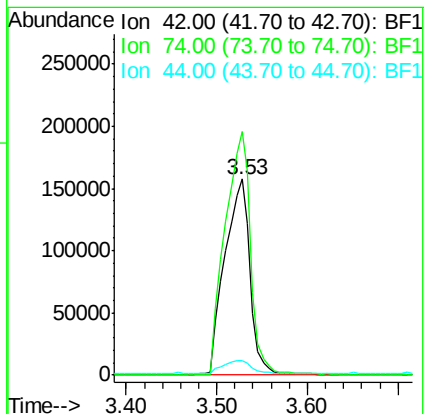
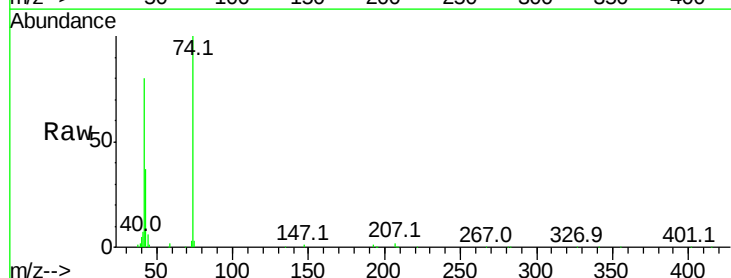
Tgt Ion: 42 Resp: 307232

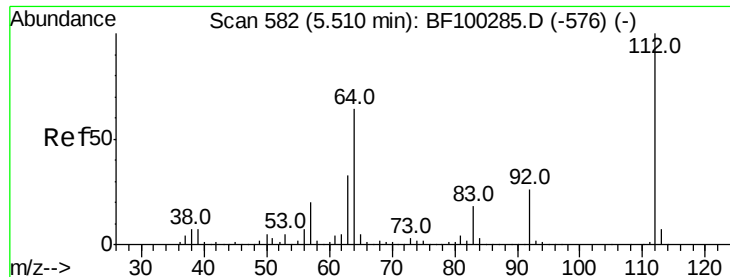
Ion Ratio Lower Upper

42 100

74 124.3 104.9 157.3

44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 116.733 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampled :

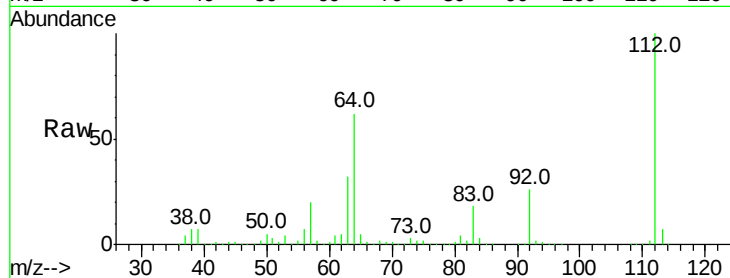
Tot Ion:112 Resp: 1192594

Ion Ratio Lower Upper

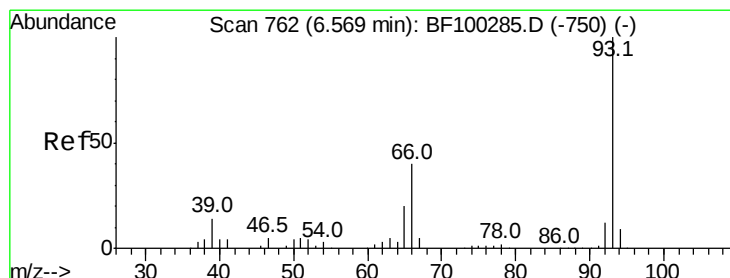
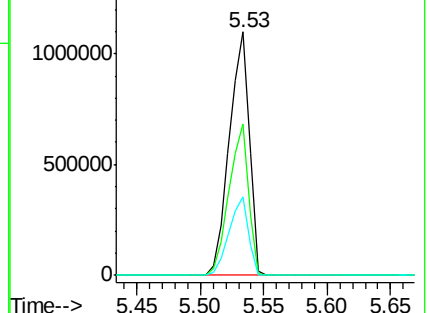
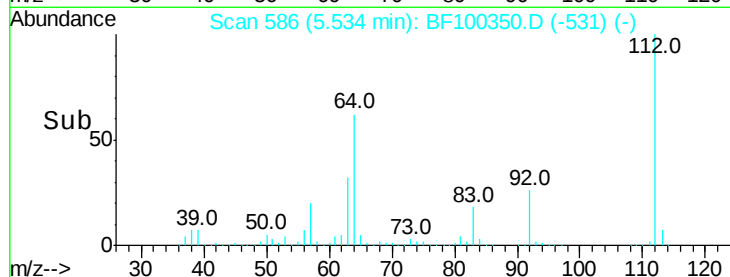
112 100

64 62.0 47.9 71.9

63 32.4 23.7 35.5



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



#6

Aniline

Concen: 20.146 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

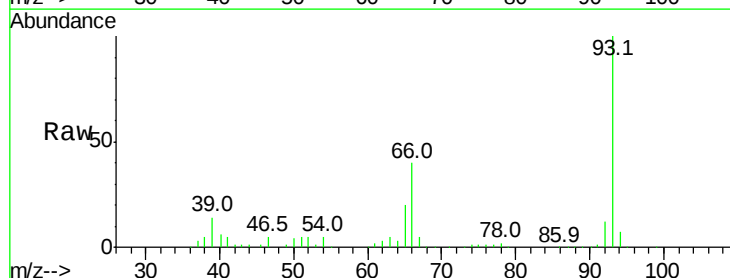
Tgt Ion: 93 Resp: 358555

Ion Ratio Lower Upper

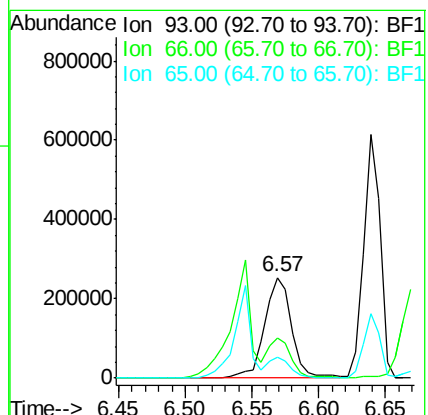
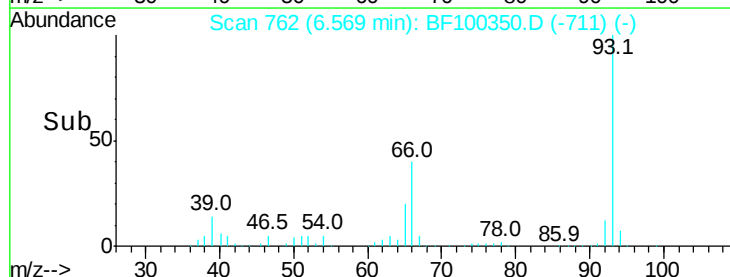
93 100

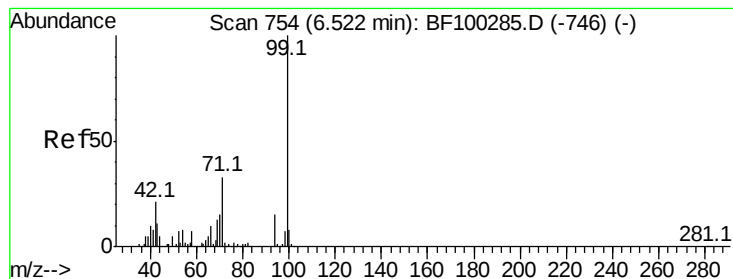
66 39.9 32.2 48.2

65 20.3 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.712 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

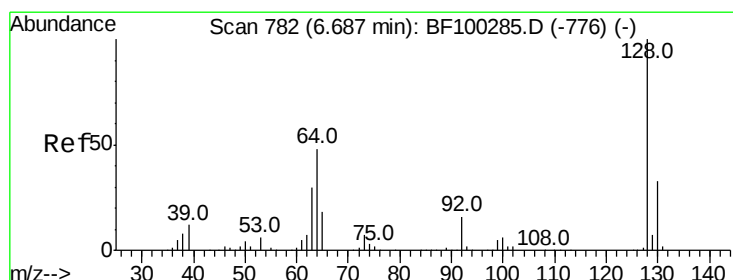
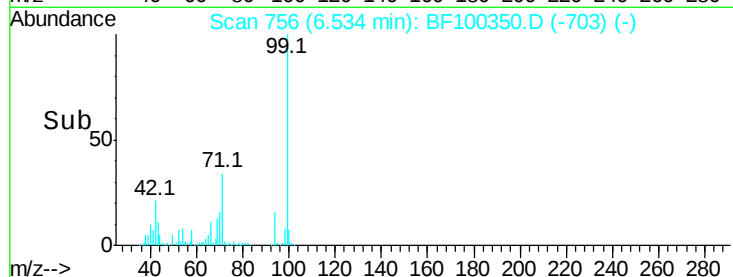
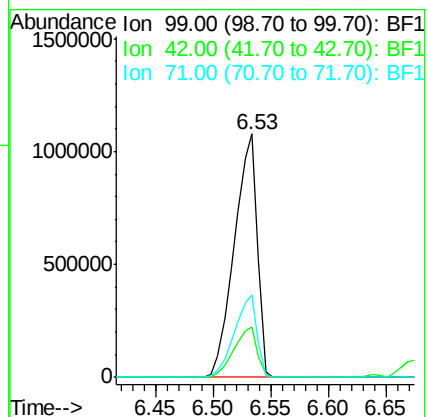
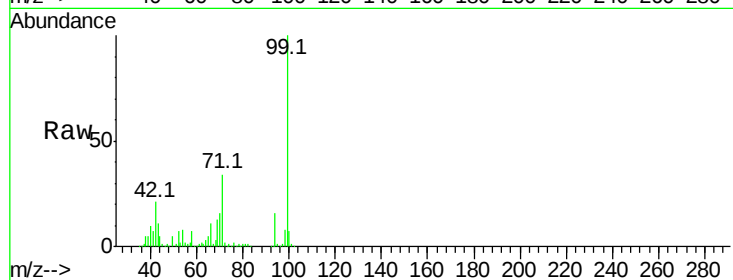
Tot Ion: 99 Resp: 1482960

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

71 33.6 25.4 38.0



#8

2-Chlorophenol

Concen: 48.937 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

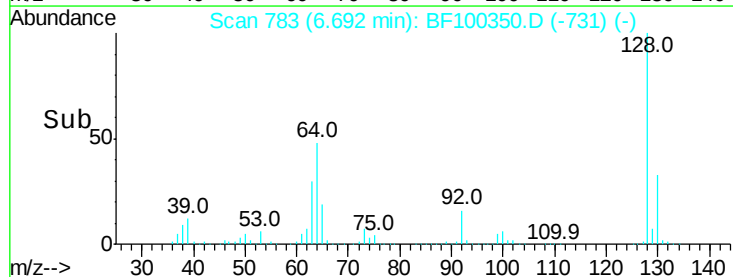
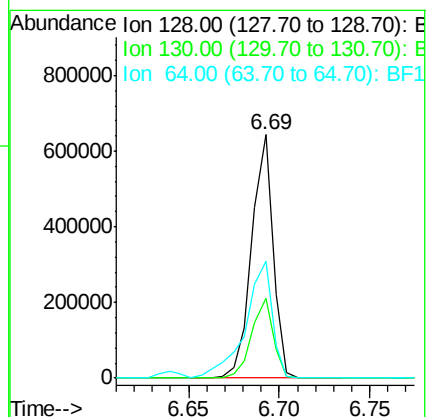
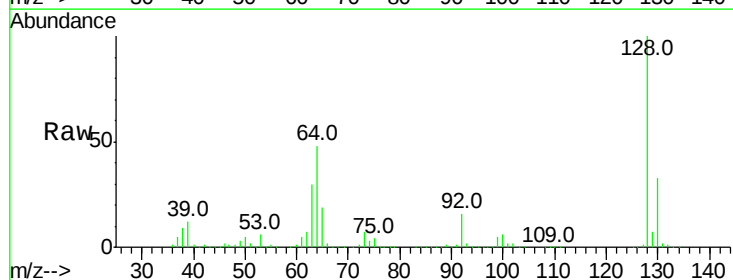
Tgt Ion:128 Resp: 528912

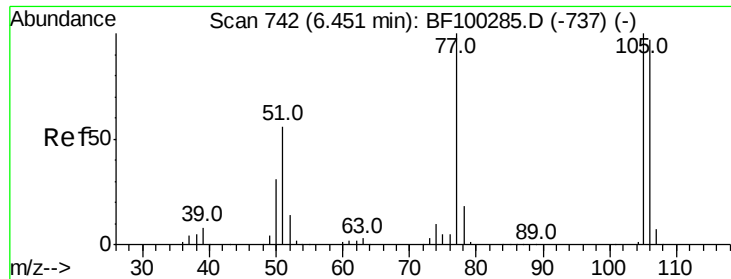
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 48.2 29.4 69.4





#9

Benzaldehyde

Concen: 36.649 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

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BNA_F
ClientSampled :

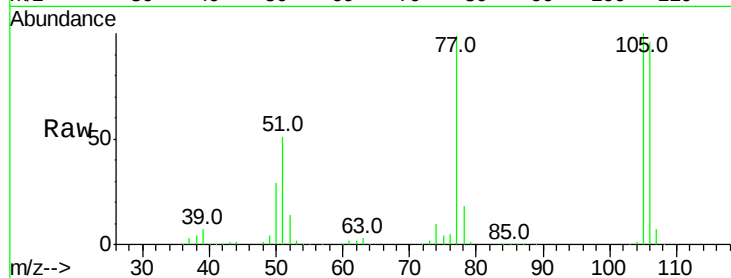
Tot Ion: 77 Resp: 329729

Ion Ratio Lower Upper

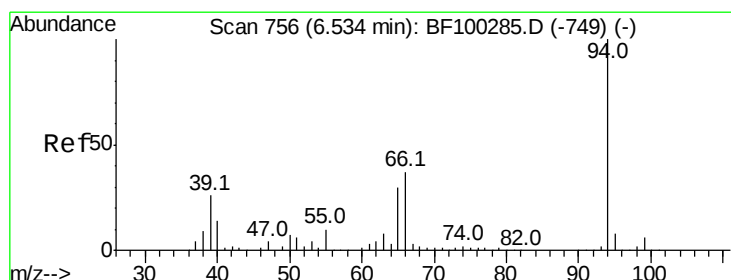
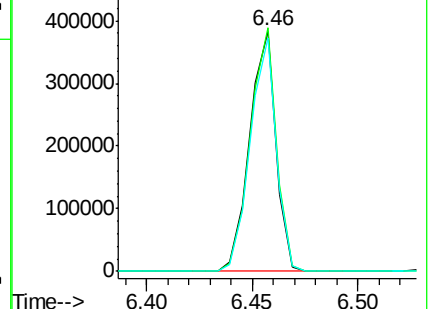
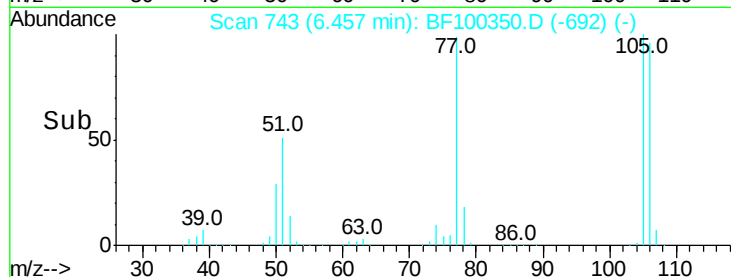
77 100

105 101.4 81.1 121.1

106 97.5 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: 48.693 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

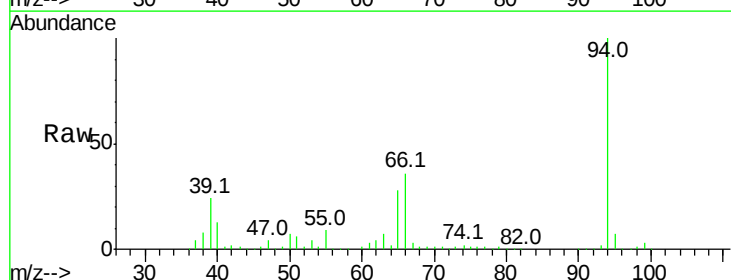
Tgt Ion: 94 Resp: 643982

Ion Ratio Lower Upper

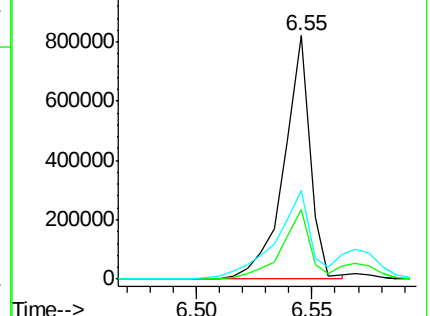
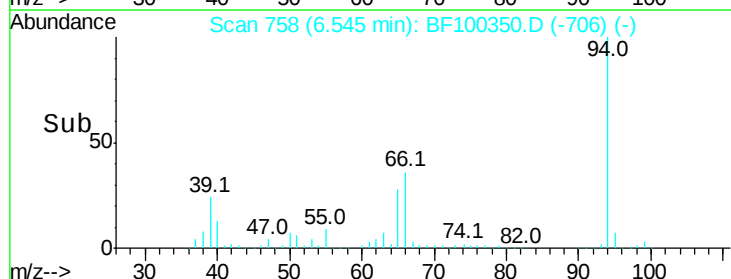
94 100

65 28.5 7.9 47.9

66 36.3 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

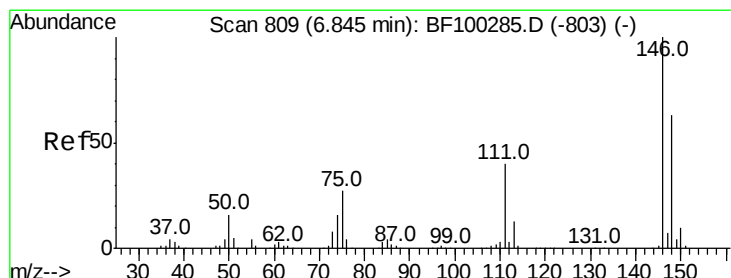
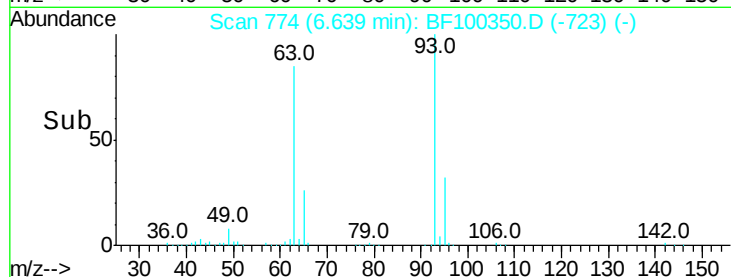
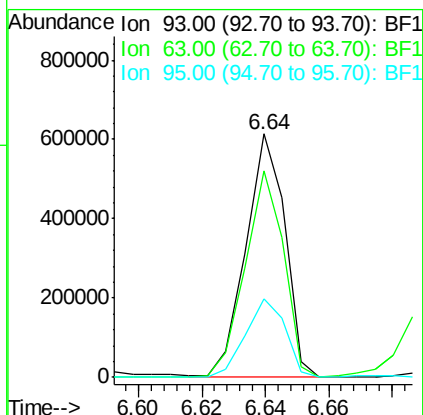
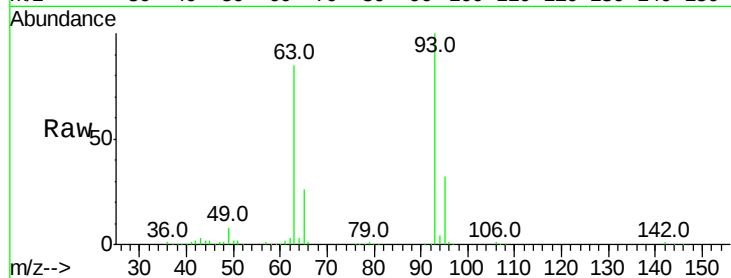




#11
 bis(2-Chloroethyl)ether
 Concen: 47.208 ng
 RT: 6.64 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

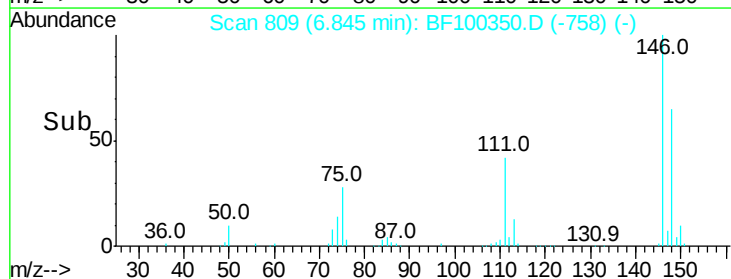
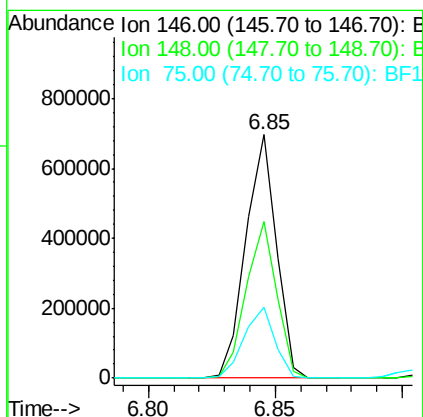
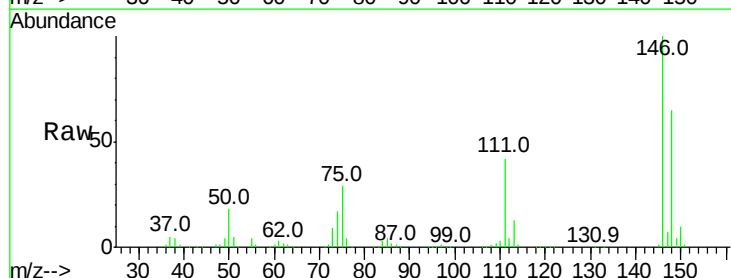
Instrument :
 BNA_F
 ClientSampleId :

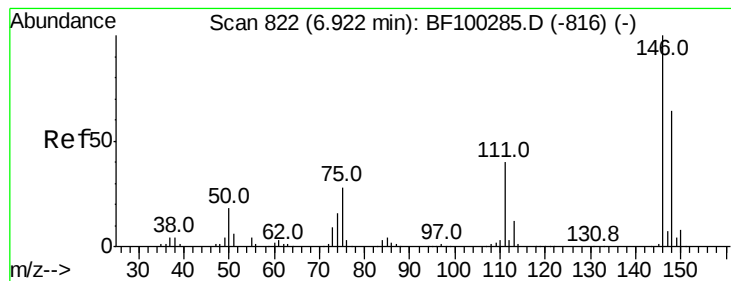
Tot Ion:	93	Resp:	524420
Ion	Ratio	Lower	Upper
93	100		
63	84.8	58.6	98.6
95	32.2	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 47.102 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion:	146	Resp:	586927
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	29.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 46.516 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampled :

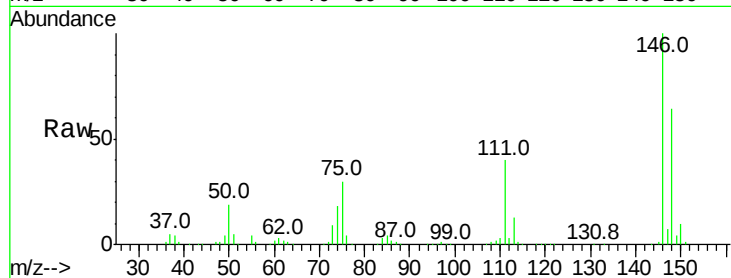
Tot Ion:146 Resp: 586646

Ion Ratio Lower Upper

146 100

148 63.6 50.8 76.2

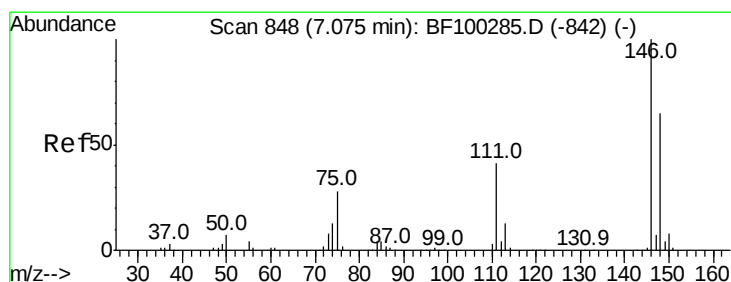
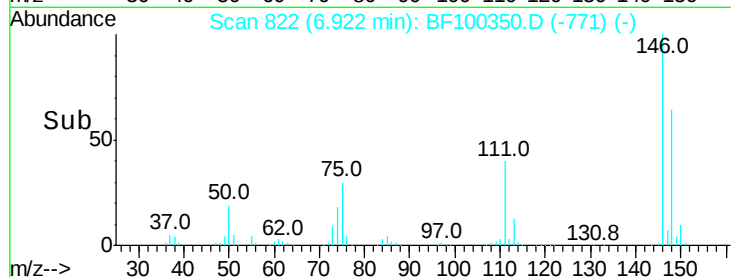
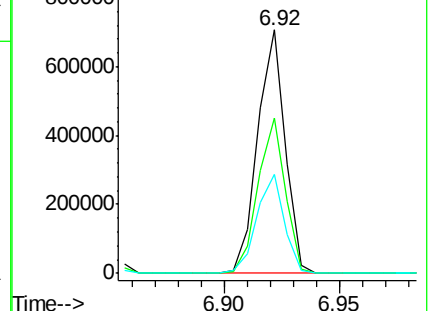
111 40.4 34.2 51.2



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: 46.729 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

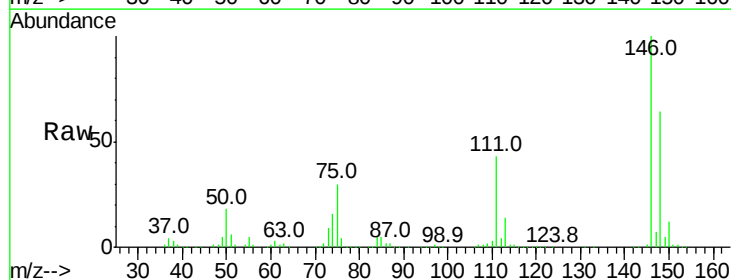
Tgt Ion:146 Resp: 544899

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

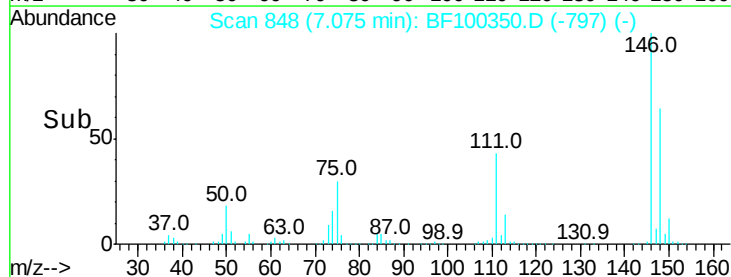
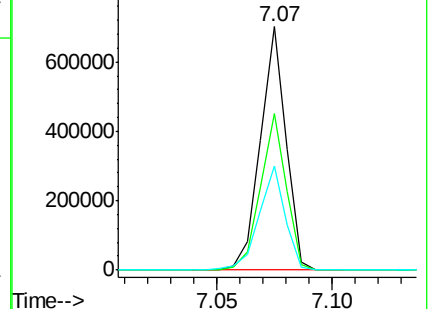
111 42.8 36.0 54.0



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: 49.283 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

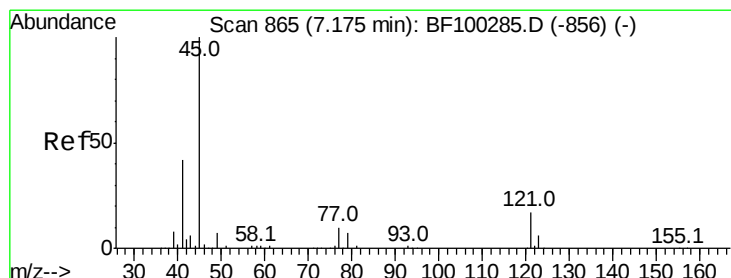
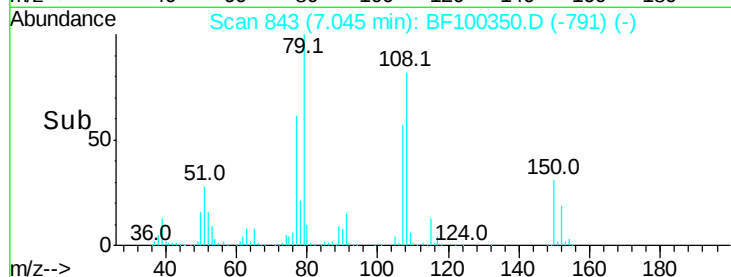
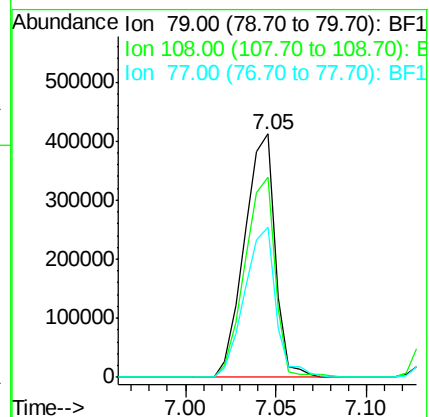
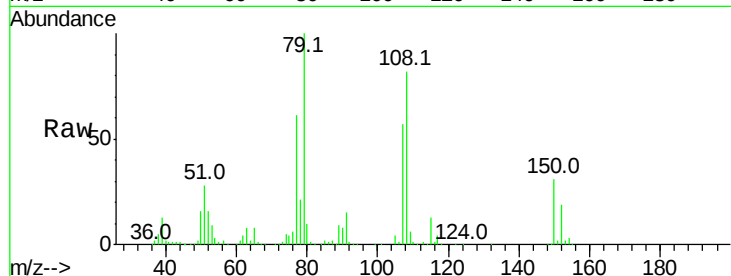
Tot Ion: 79 Resp: 484565

Ion Ratio Lower Upper

79 100

108 82.0 65.1 97.7

77 61.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 54.778 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

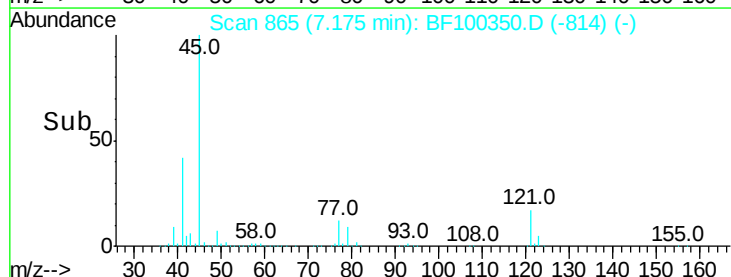
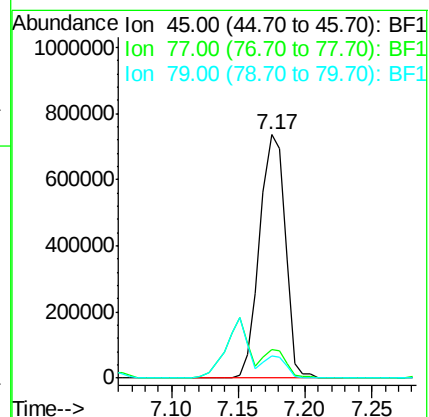
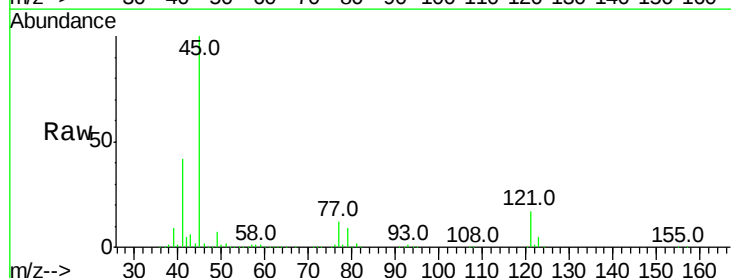
Tgt Ion: 45 Resp: 973264

Ion Ratio Lower Upper

45 100

77 11.9 0.0 32.9

79 9.0 0.0 29.6

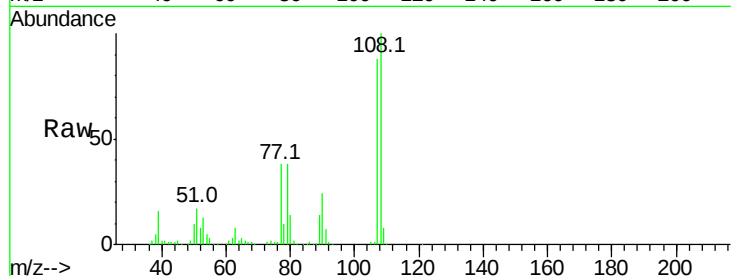




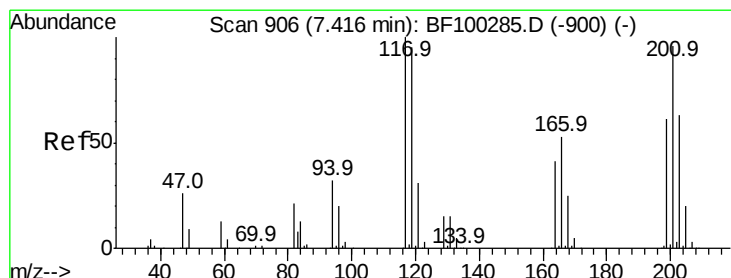
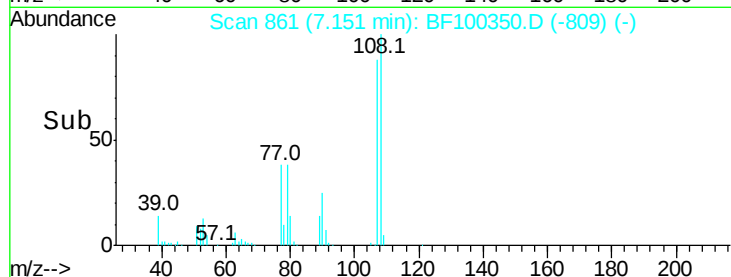
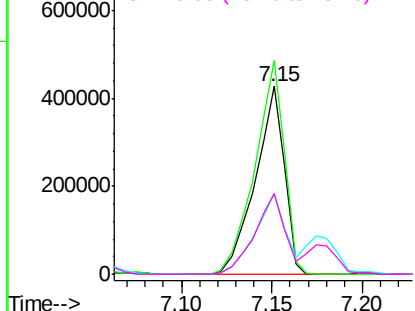
#17
2-Methylphenol
Concen: 51.405 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 474781
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 42.8 33.8 50.8
79 42.9 33.8 50.8

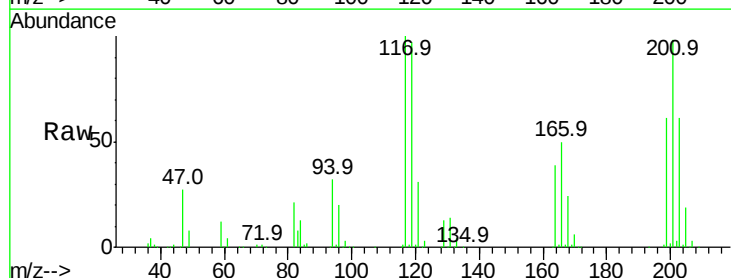


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

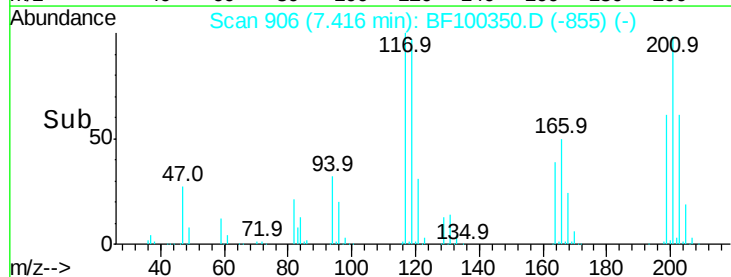
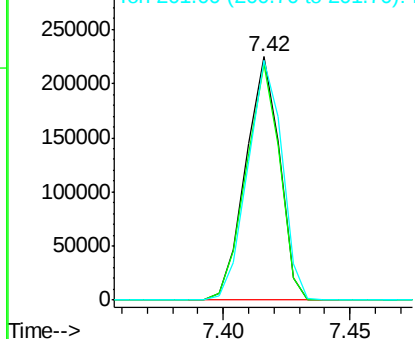


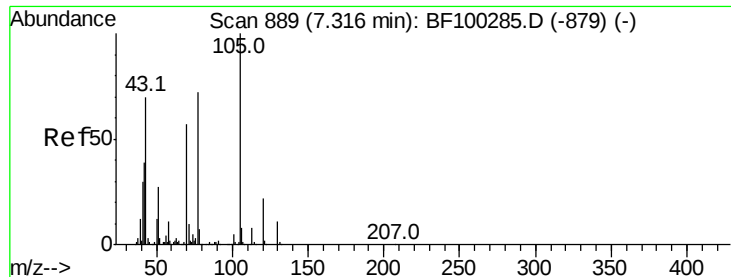
#18
Hexachloroethane
Concen: 50.134 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:117 Resp: 208472
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8
201 98.3 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

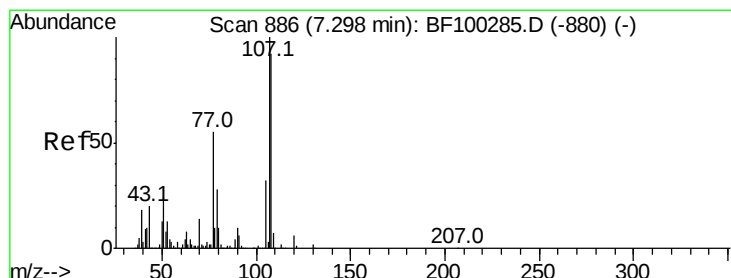
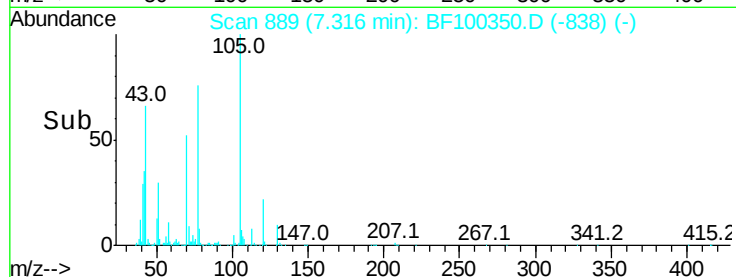
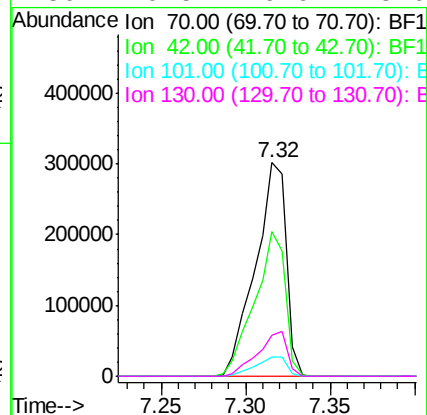
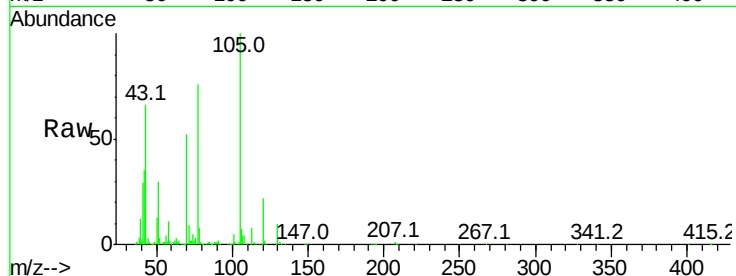




#19
n-Nitroso-di-n-propylamine
Concen: 43.836 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

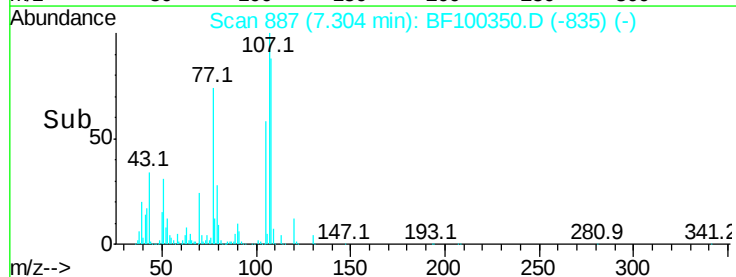
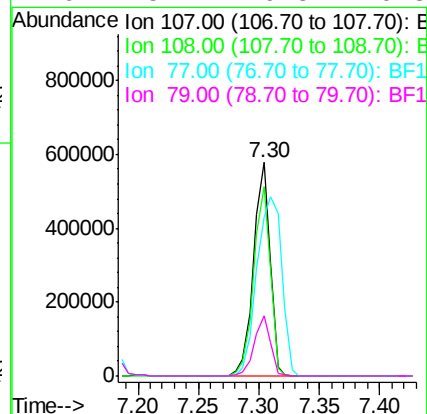
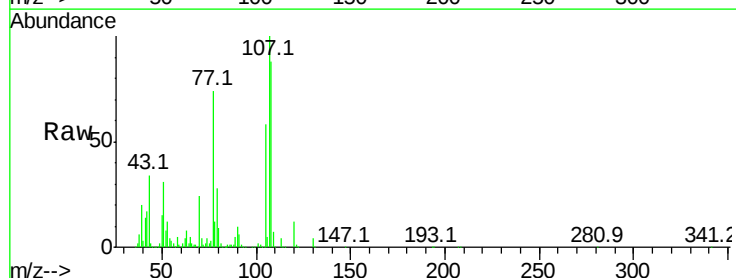
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	382991
Ion	Ratio	Lower	Upper
70	100		
42	67.6	47.5	71.3
101	9.2	7.4	11.2
130	19.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 47.797 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:	107	Resp:	558631
Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.2	108.2
77	74.4	26.7	66.7#
79	28.4	6.3	46.3

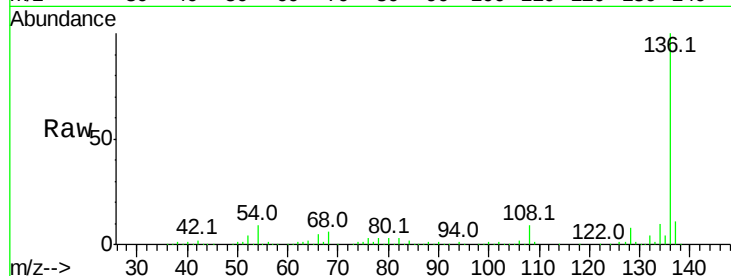




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 684068
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 8.7	6.6 9.8
68 6.3	5.0 7.4



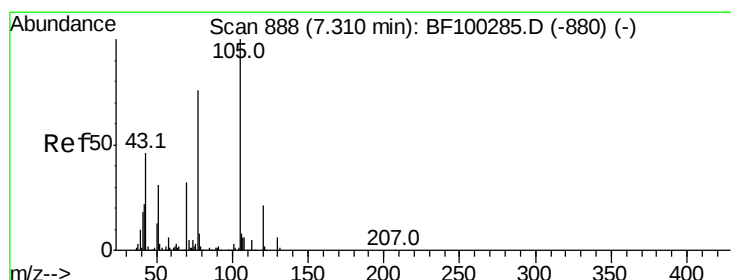
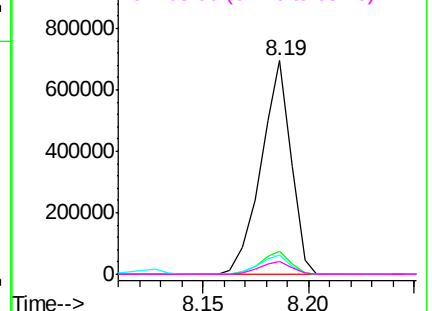
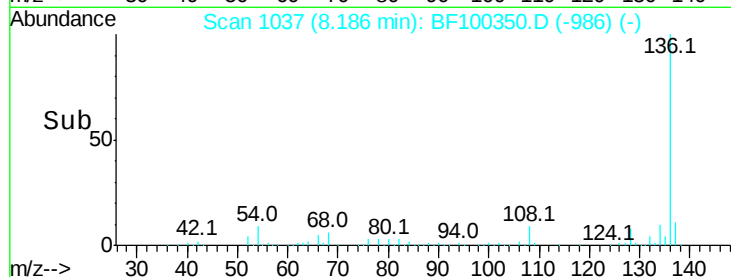
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

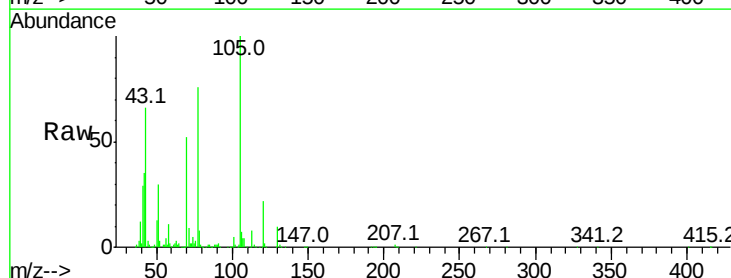
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.420 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt	Ion:105	Resp:	707603
Ion	Ratio	Lower	Upper
105	100		
71	9.0	4.4	6.6#
51	30.2	22.3	33.5
120	22.5	16.9	25.3



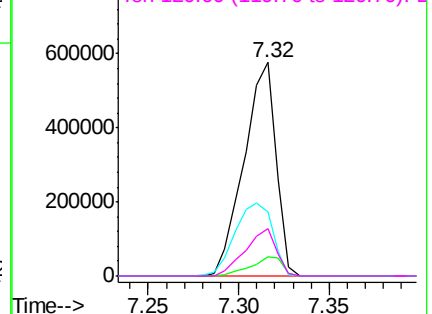
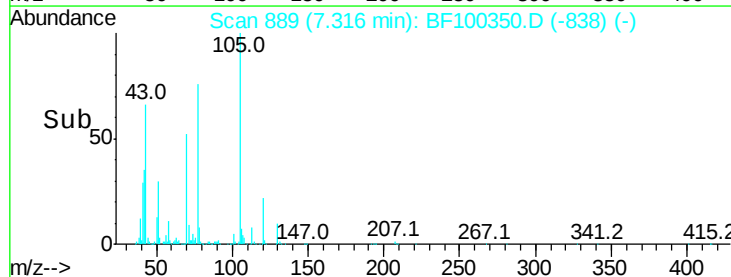
Abundance

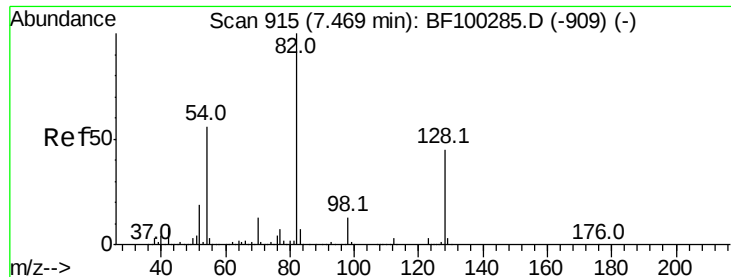
Ion 105.00 (104.70 to 105.70): E

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

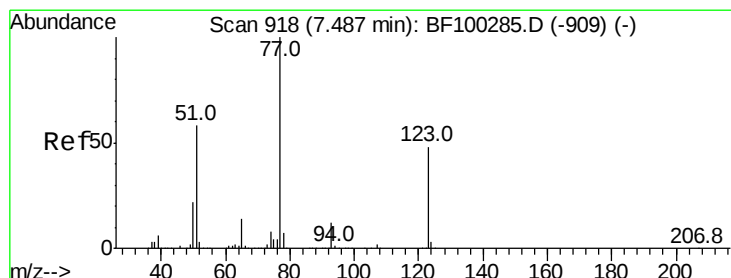
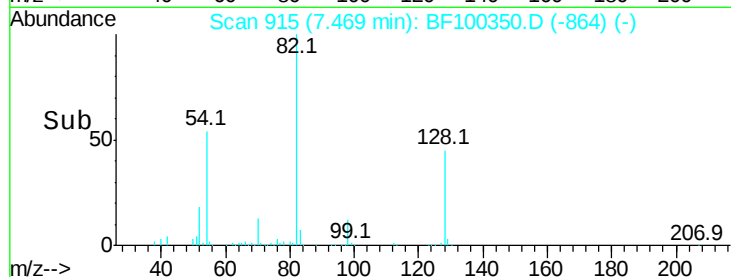
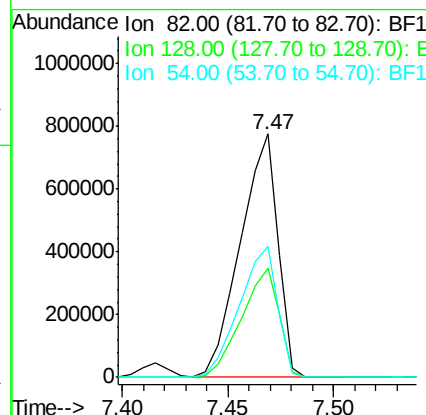
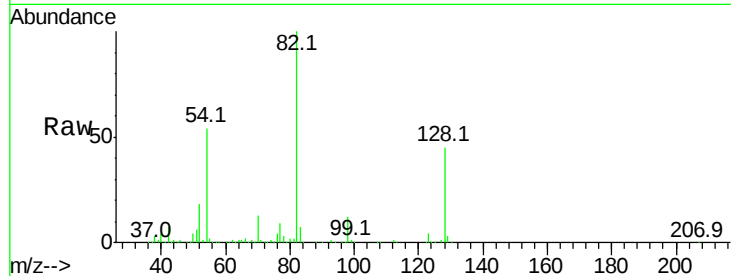




#23
 Nitrobenzene-d5
 Concen: 92.086 ng
 RT: 7.47 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

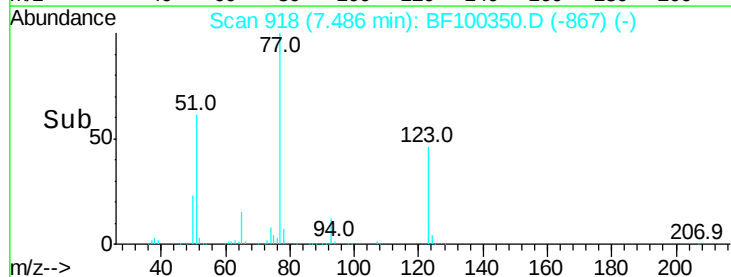
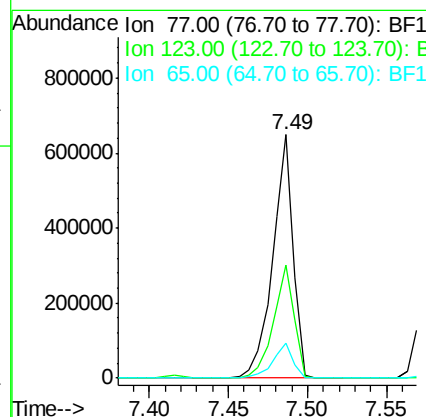
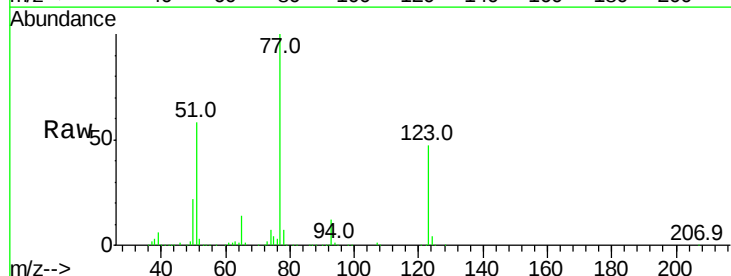
Instrument :
 BNA_F
 ClientSampleId :

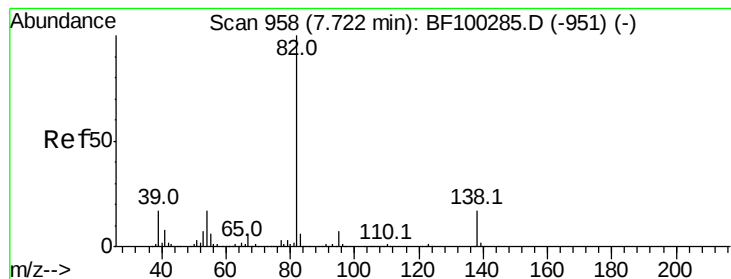
Tot Ion: 82 Resp: 952804
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 53.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 54.601 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion: 77 Resp: 581474
 Ion Ratio Lower Upper
 77 100
 123 46.6 37.9 56.9
 65 14.1 11.0 16.4





#25

Isophorone

Concen: 50.973 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampled :

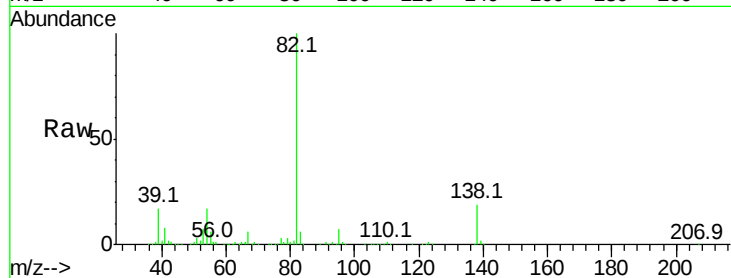
Tot Ion: 82 Resp: 1108316

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

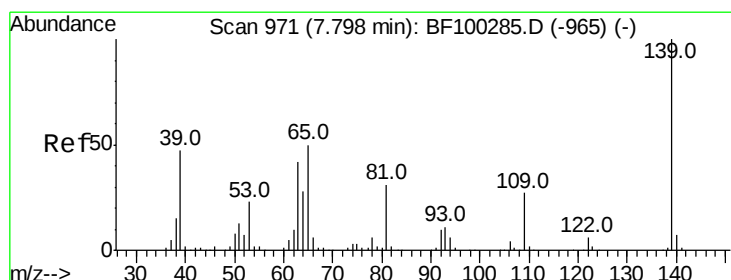
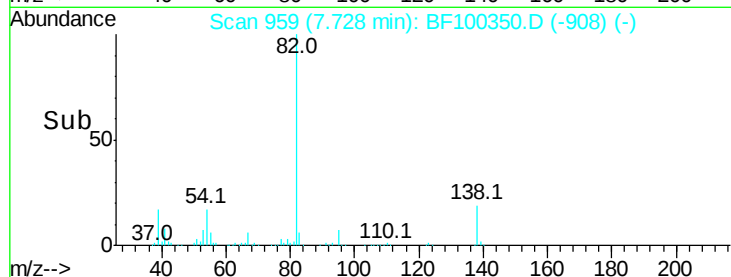
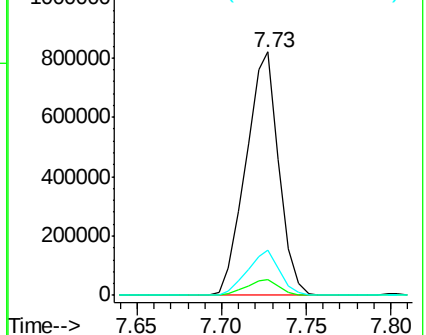
138 18.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 59.614 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

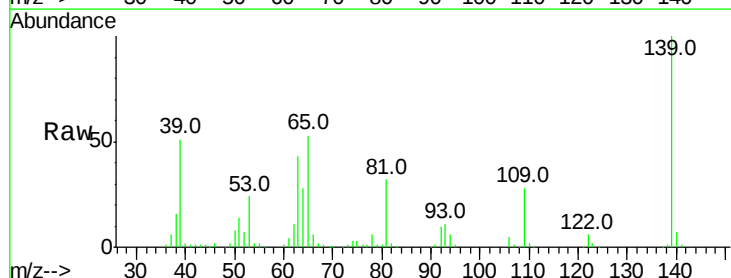
Tgt Ion:139 Resp: 304981

Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

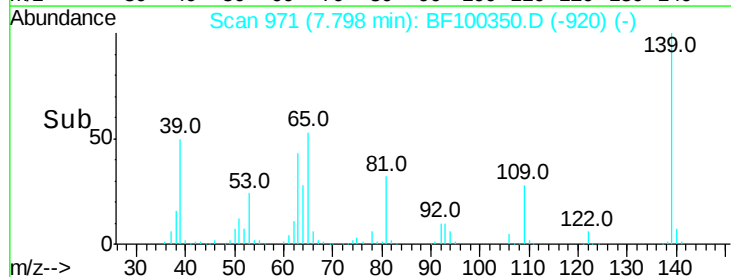
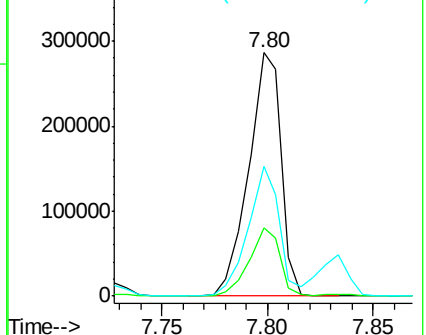
65 53.4 40.5 60.7

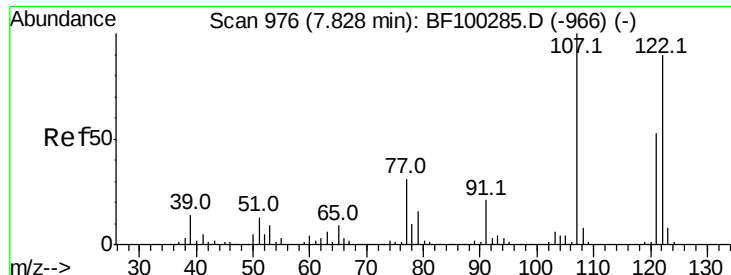


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

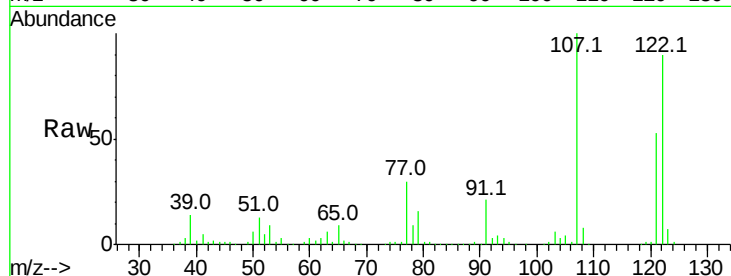




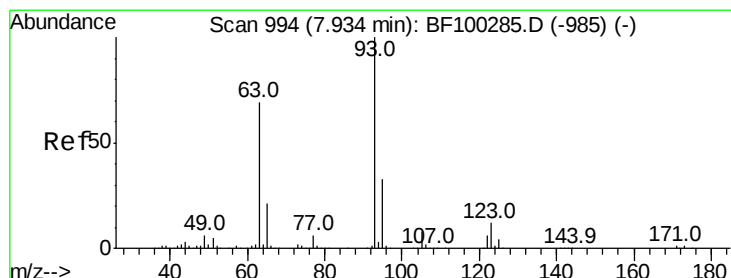
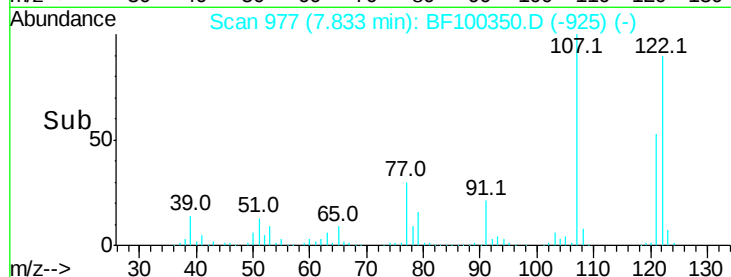
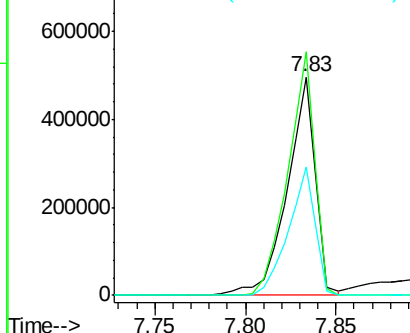
#27
2,4-Dimethylphenol
Concen: 55.475 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 540719
Ion Ratio Lower Upper
122 100
107 111.5 91.2 136.8
121 59.1 47.2 70.8

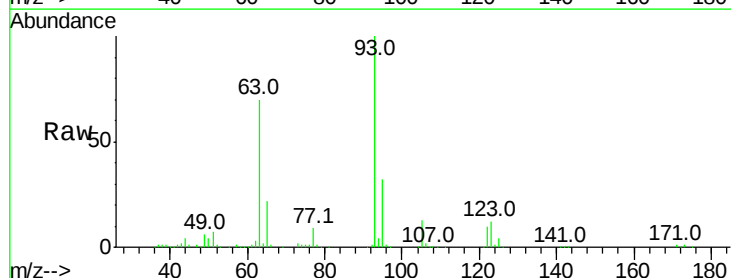


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

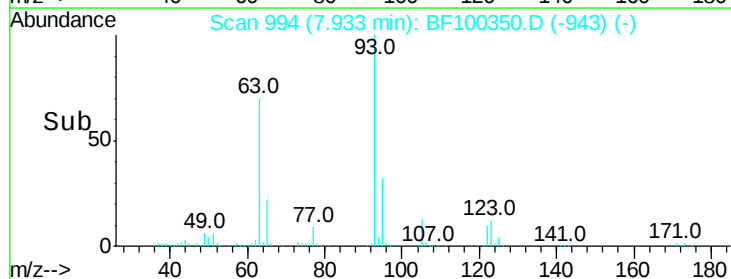
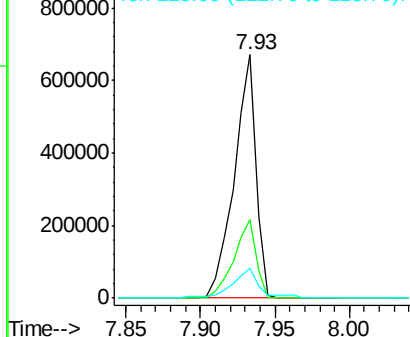


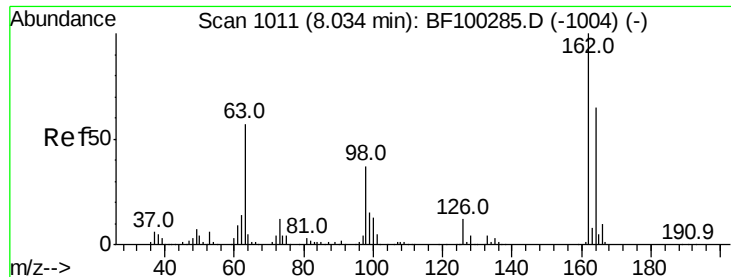
#28
bis(2-Chloroethoxy)methane
Concen: 48.163 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion: 93 Resp: 685006
Ion Ratio Lower Upper
93 100
95 32.0 26.3 39.5
123 12.2 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: 53.791 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

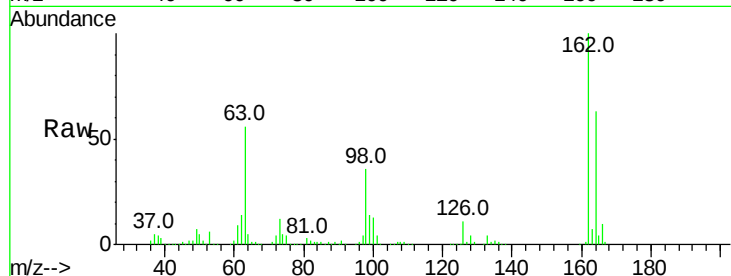
Tot Ion:162 Resp: 500518

Ion Ratio Lower Upper

162 100

164 63.5 42.7 82.7

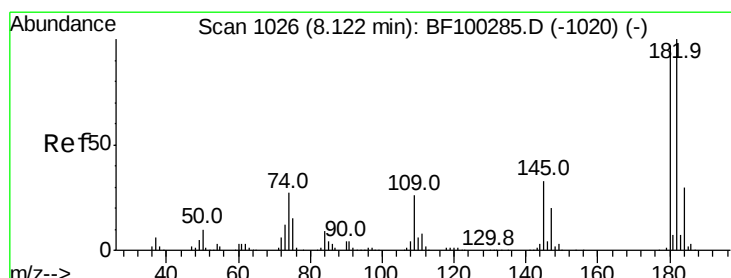
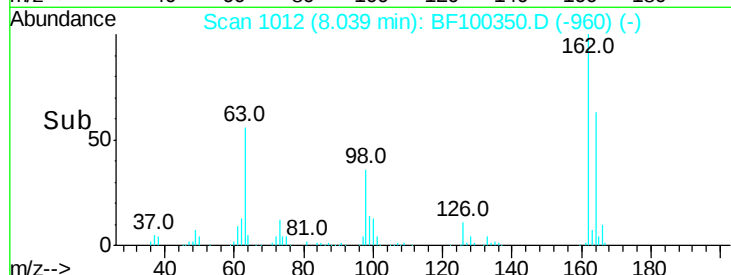
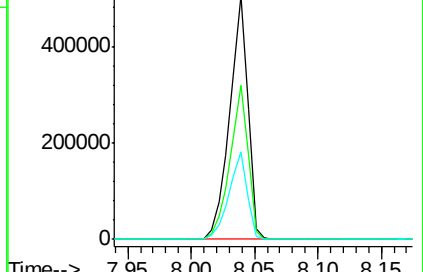
98 36.1 18.1 58.1



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: 48.259 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

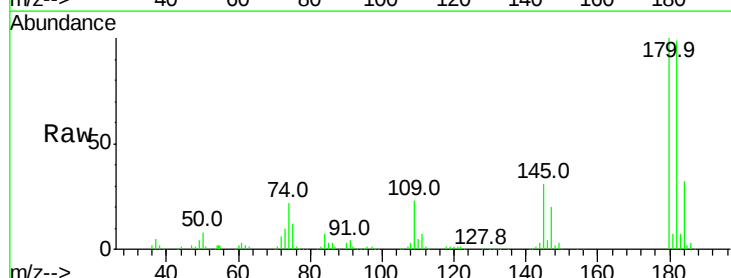
Tgt Ion:180 Resp: 485732

Ion Ratio Lower Upper

180 100

182 99.4 76.8 115.2

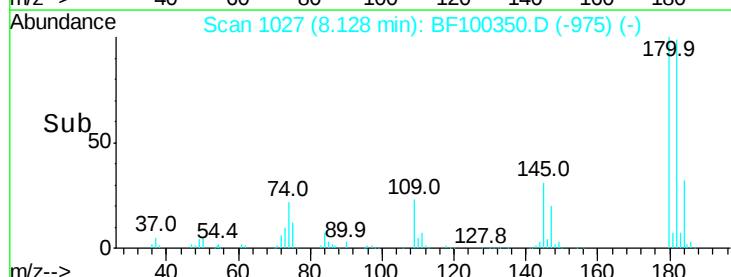
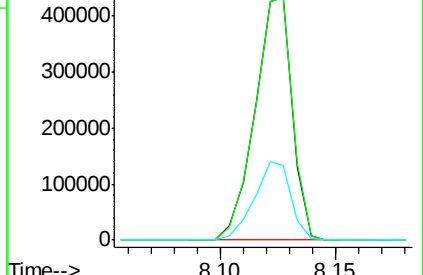
145 30.9 26.5 39.7

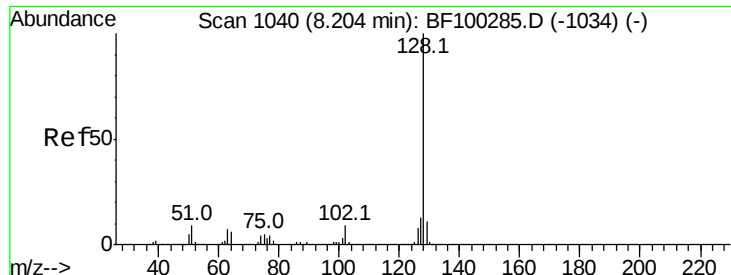


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

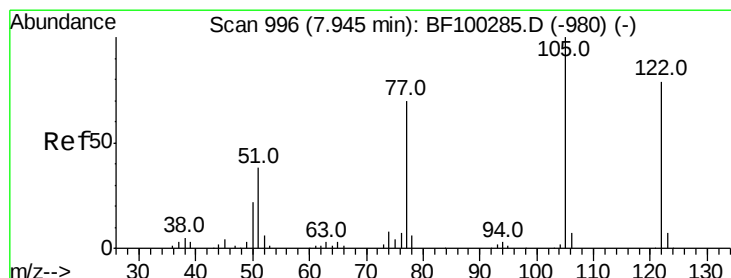
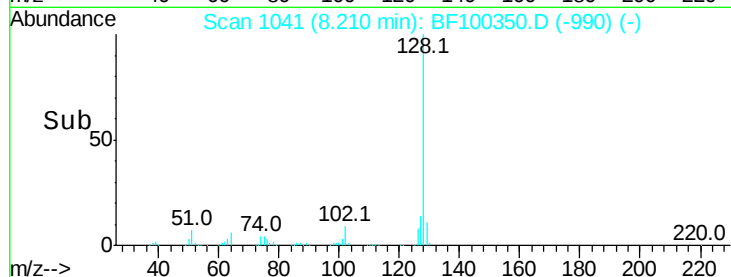
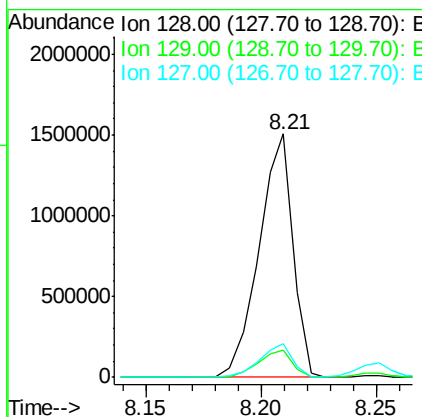
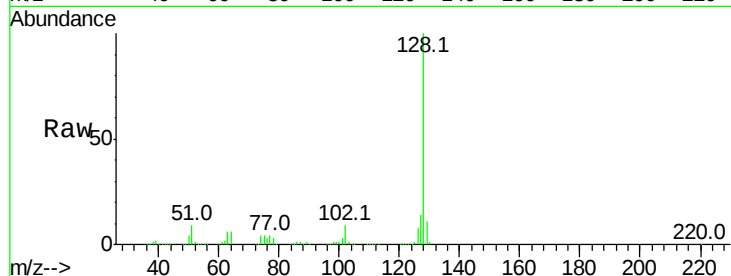




#31
Naphthalene
Concen: 46.643 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

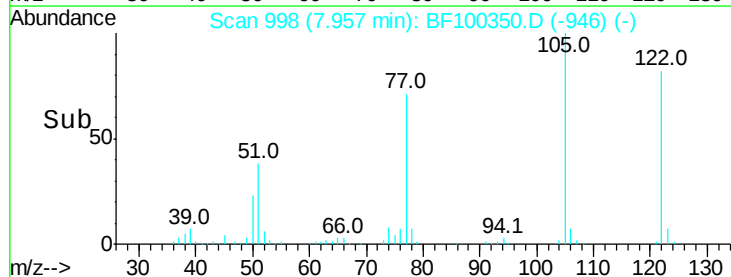
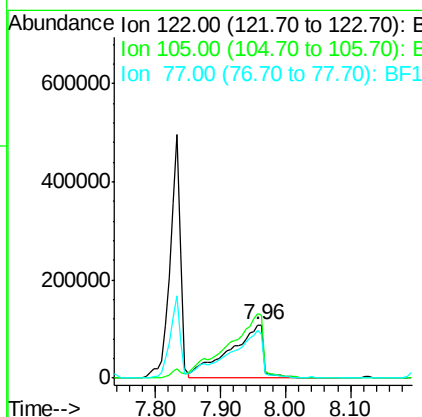
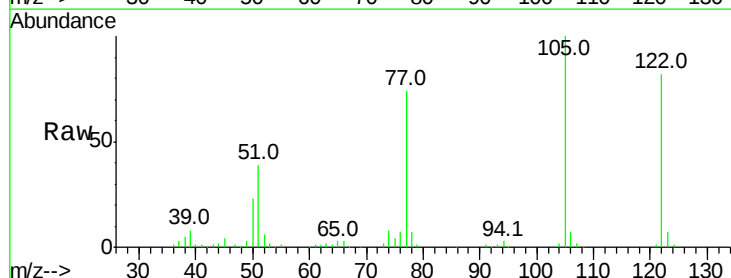
Instrument :
BNA_F
ClientSampleId :

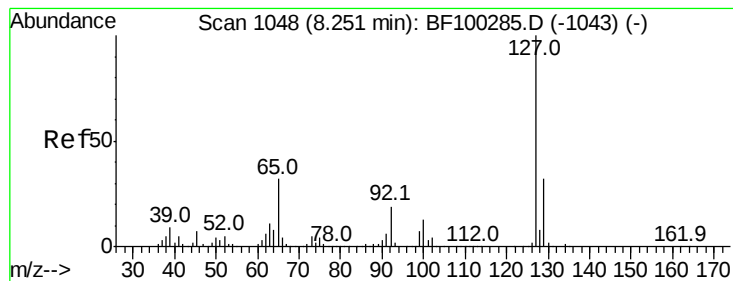
Tot Ion:128 Resp: 1536823
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 51.986 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:122 Resp: 395231
Ion Ratio Lower Upper
122 100
105 122.1 101.1 141.1
77 90.1 70.7 110.7





#33

4-Chloroaniline

Concen: 7.167 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 98299

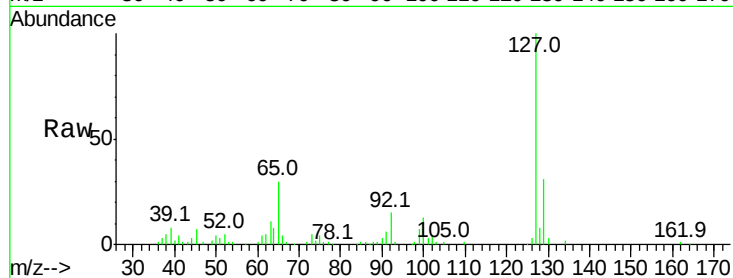
Ion Ratio Lower Upper

127 100

129 31.0 25.9 38.9

65 29.7 25.0 37.4

92 15.5 15.2 22.8

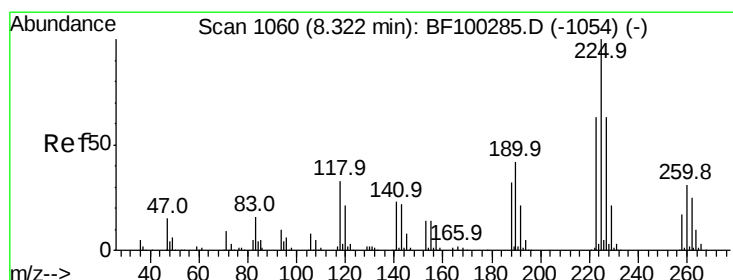
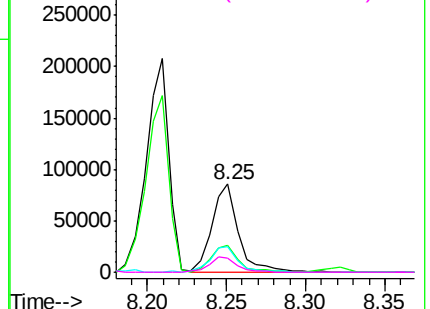
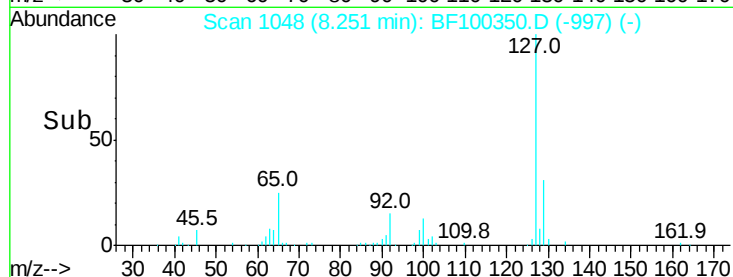


Abundance Ion 127.00 (126.70 to 127.70): E

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: 47.103 ng

RT: 8.32 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

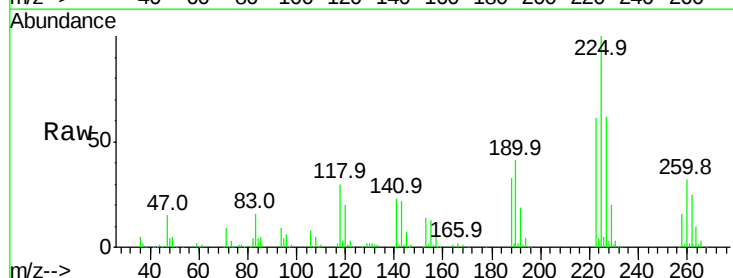
Tgt Ion:225 Resp: 281884

Ion Ratio Lower Upper

225 100

223 61.5 50.6 76.0

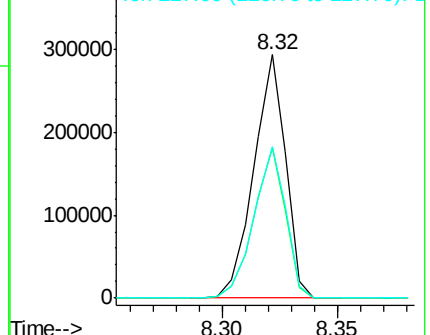
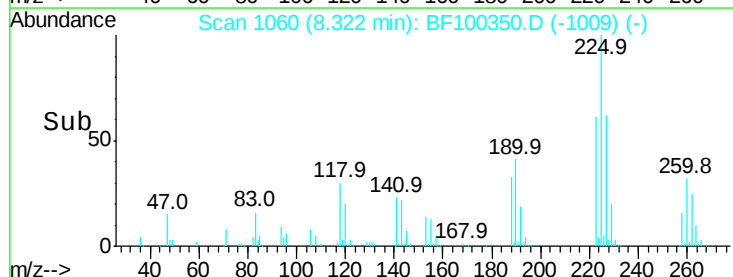
227 62.3 51.9 77.9

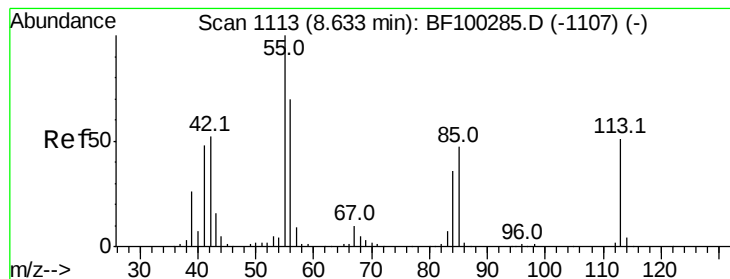


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.664 ng

RT: 8.64 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

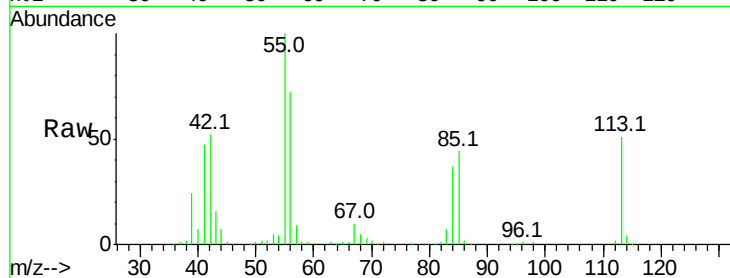
Tot Ion:113 Resp: 97919

Ion Ratio Lower Upper

113 100

55 194.5 163.3 203.3

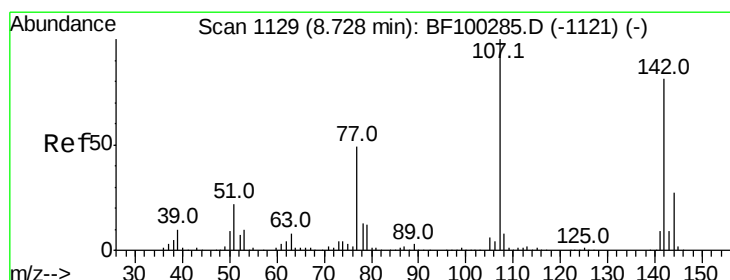
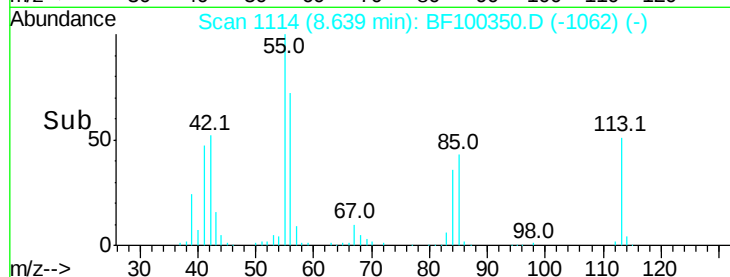
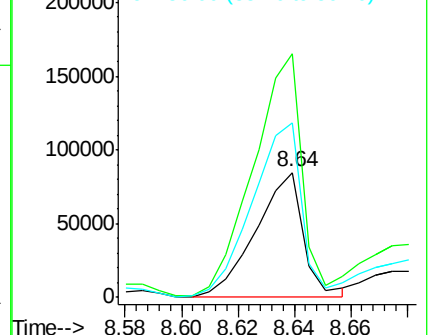
56 139.2 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 51.318 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

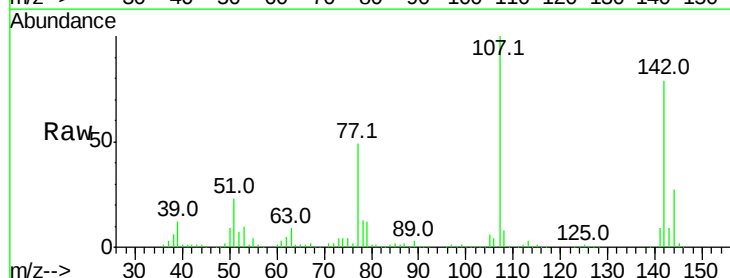
Tgt Ion:107 Resp: 512853

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

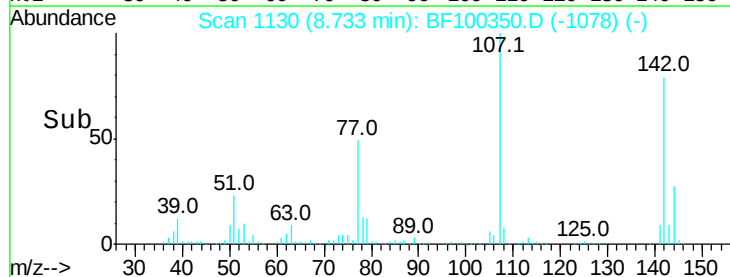
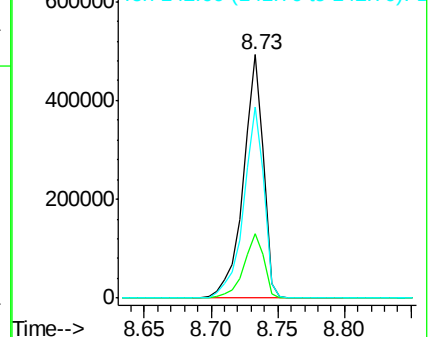
142 78.5 62.0 93.0

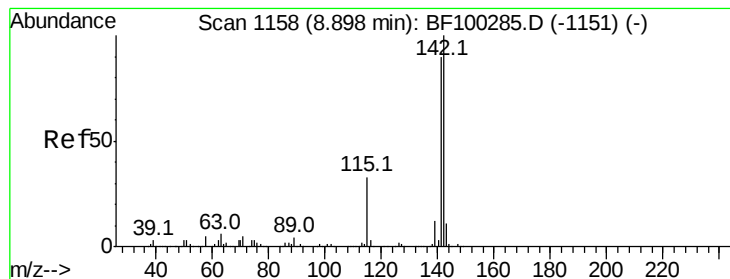


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.676 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampled :

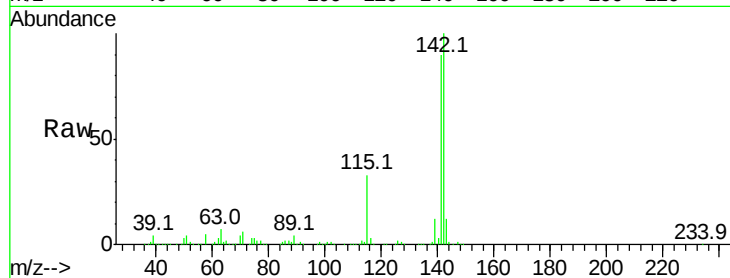
Tot Ion:142 Resp: 1064760

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2

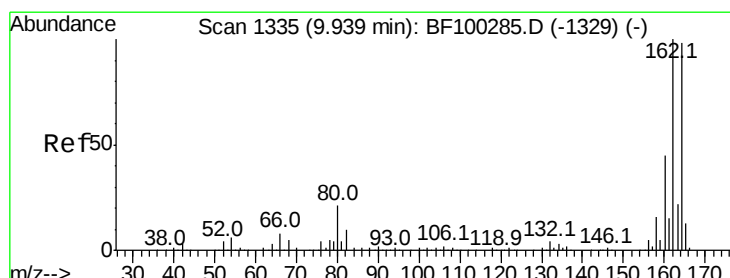
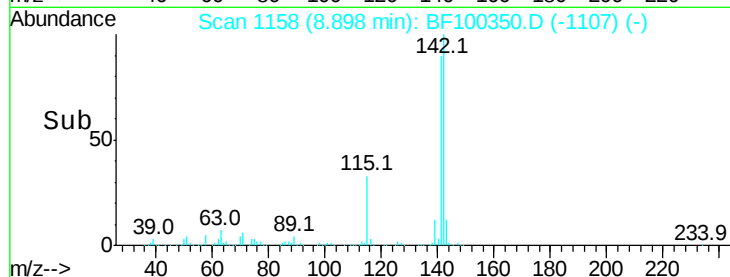
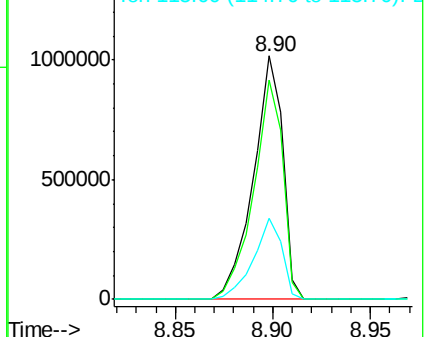
115 33.3 26.1 39.1



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: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

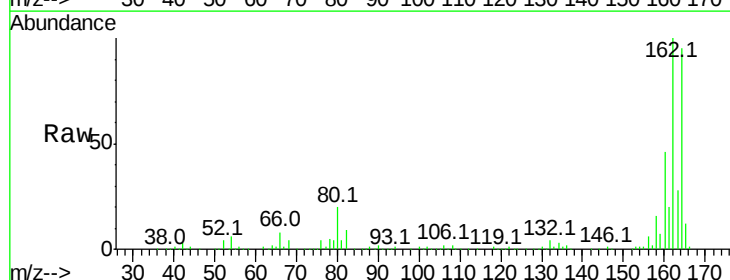
Tgt Ion:164 Resp: 334127

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

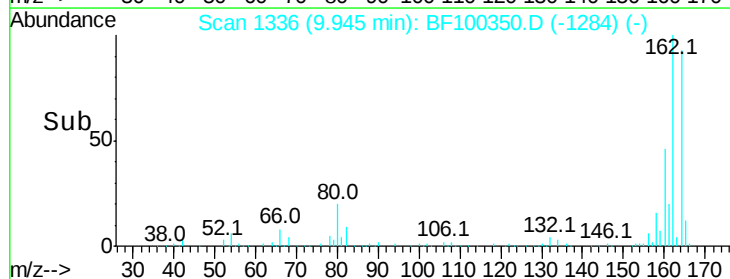
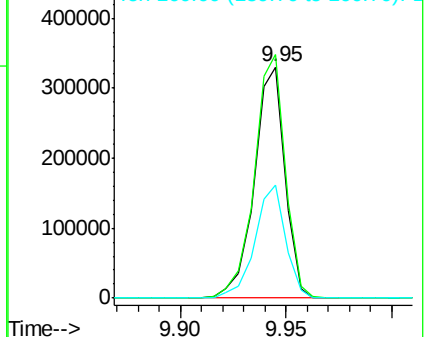
160 48.8 38.3 57.5

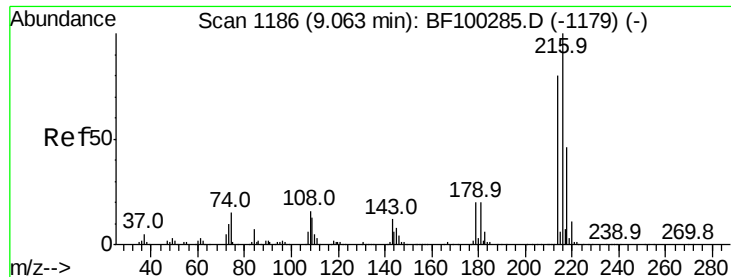


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

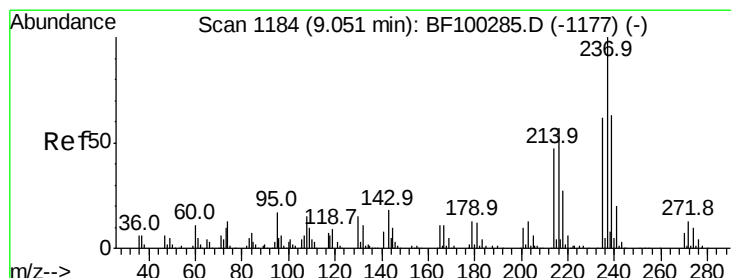
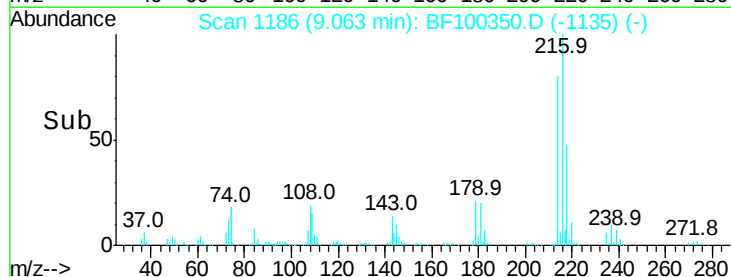
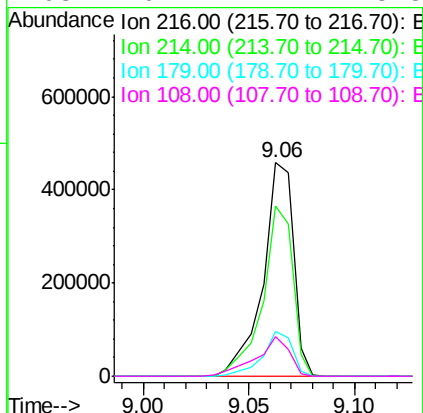
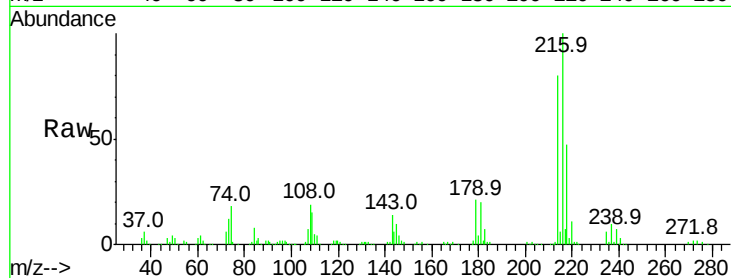




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.698 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

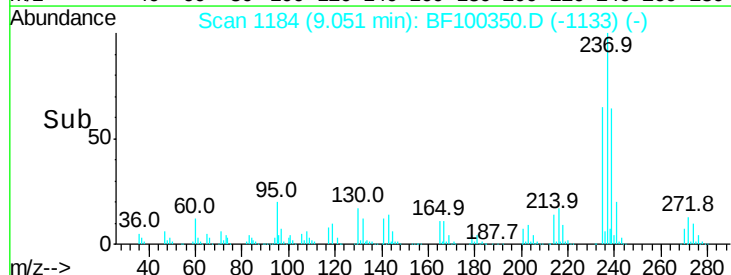
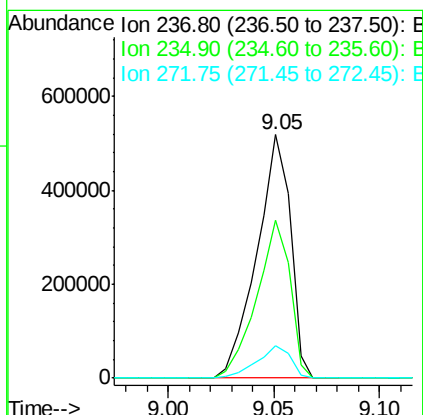
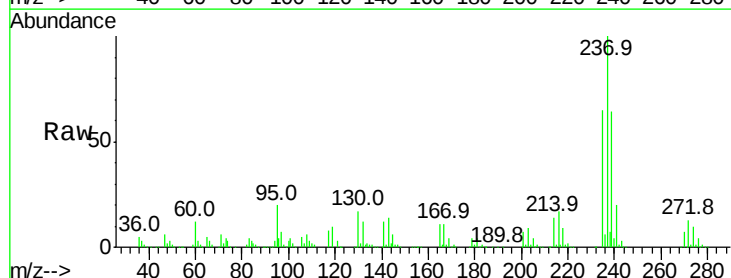
Instrument :
 BNA_F
 ClientSampleId :

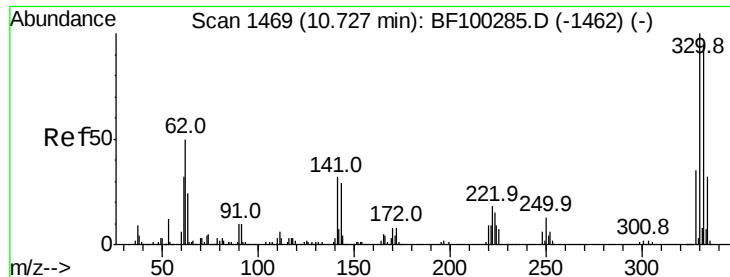
Tot Ion:	216	Resp:	462069
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	20.5	18.1	27.1
108	20.4	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 110.124 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion:	237	Resp:	574344
Ion	Ratio	Lower	Upper
237	100		
235	64.9	44.8	84.8
272	13.3	0.0	33.3

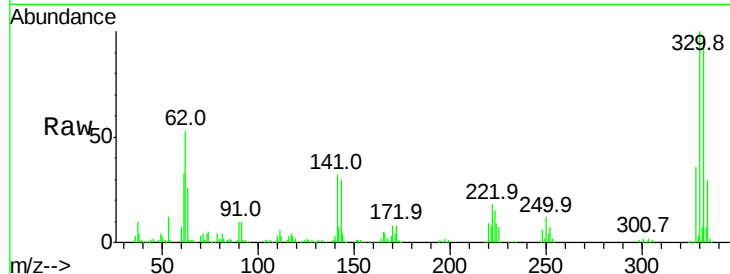




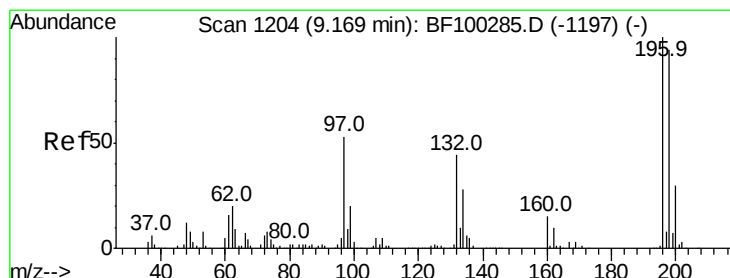
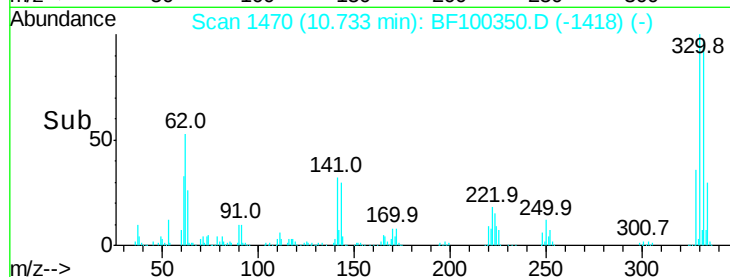
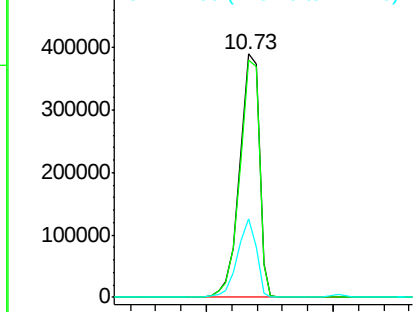
#41
 2,4,6-Tribromophenol
 Concen: 122.037 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	30.8	29.9	44.9

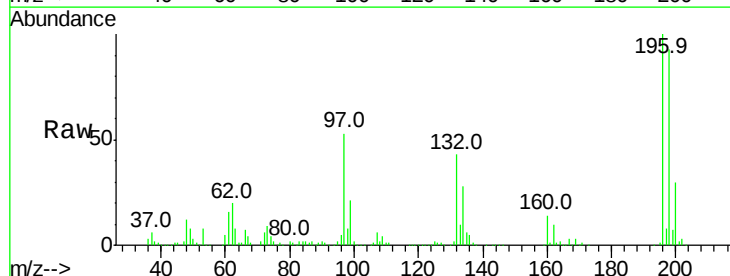


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

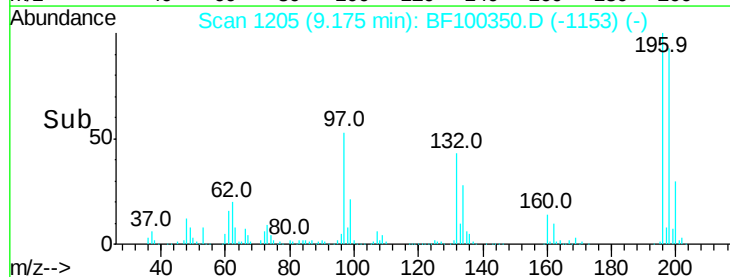
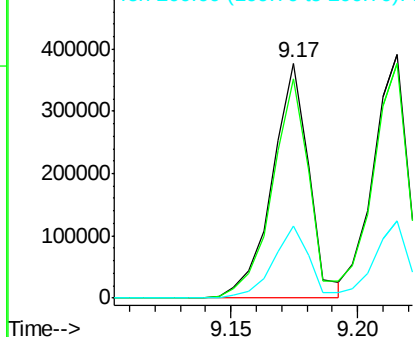


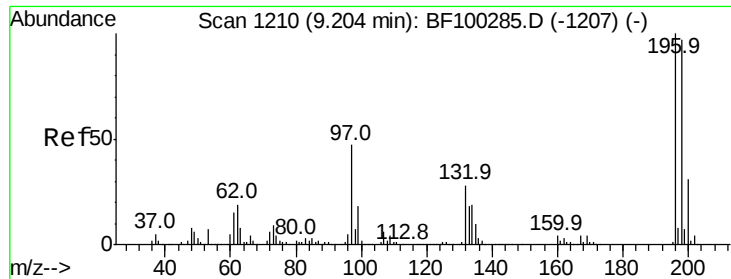
#42
 2,4,6-Trichlorophenol
 Concen: 53.733 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	75.7	113.5
200	30.5	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

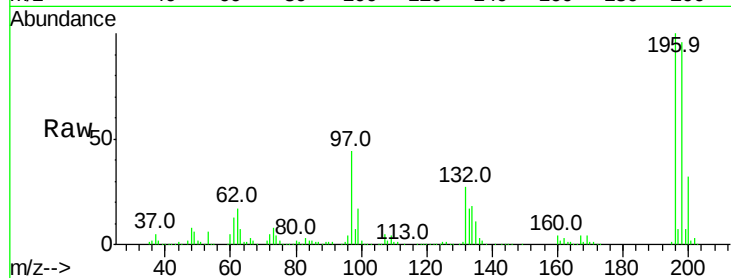




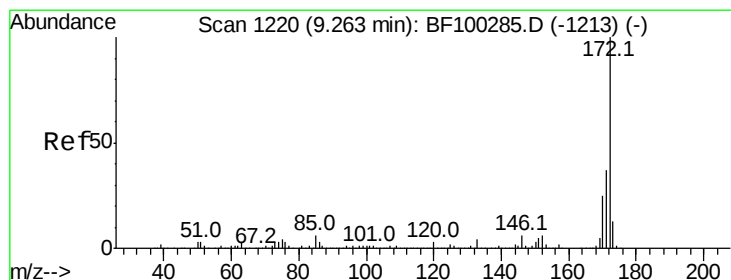
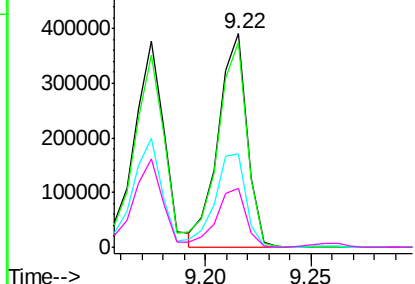
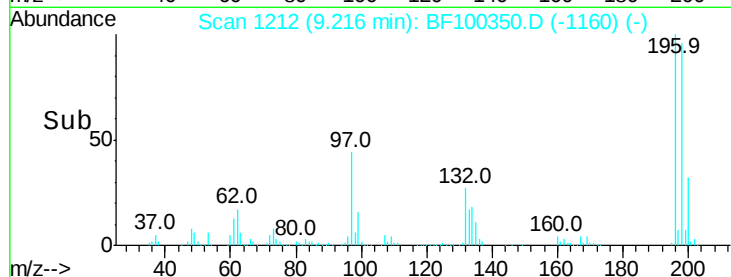
#43
 2,4,5-Trichlorophenol
 Concen: 50.724 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 369096
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.6 112.0
 97 43.7 42.9 64.3
 132 27.4 26.3 39.5

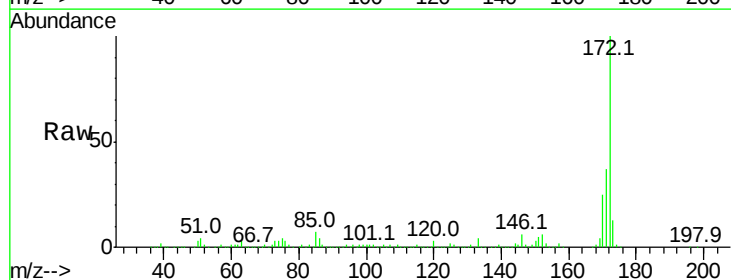


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

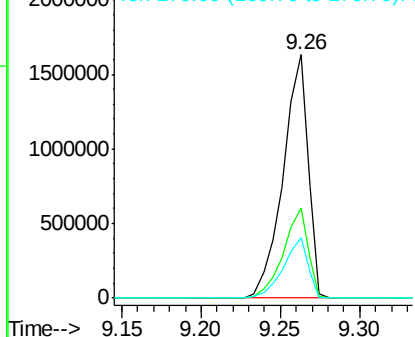
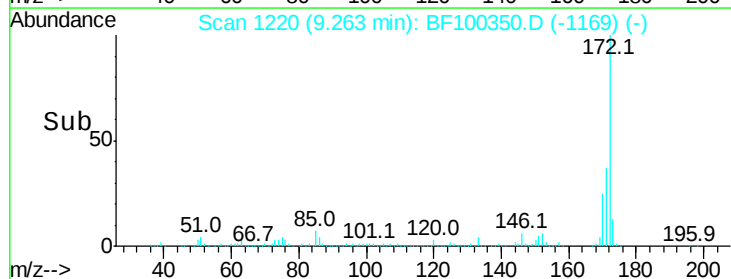


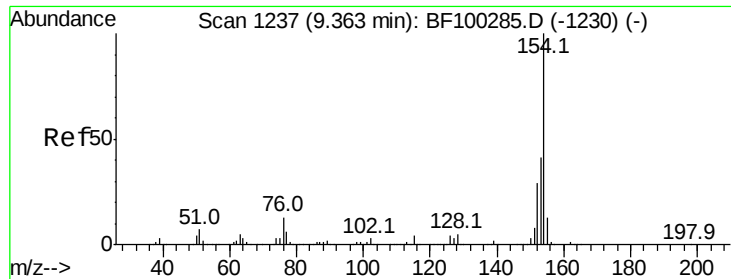
#44
 2-Fluorobiphenyl
 Concen: 81.459 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion:172 Resp: 1787453
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.610 ng

RT: 9.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

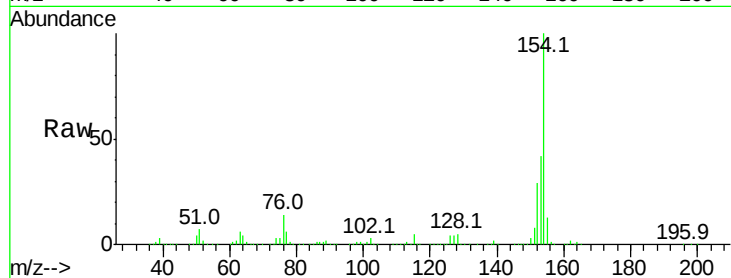
Tot Ion:154 Resp: 1260273

Ion Ratio Lower Upper

154 100

153 41.9 21.3 61.3

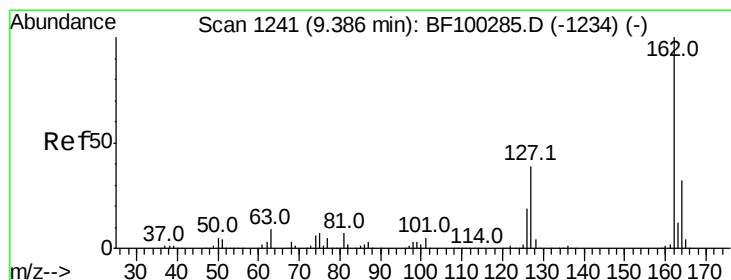
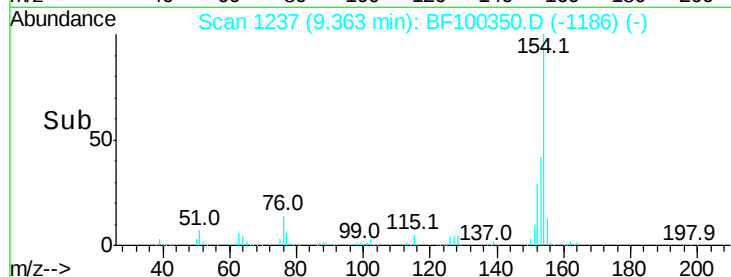
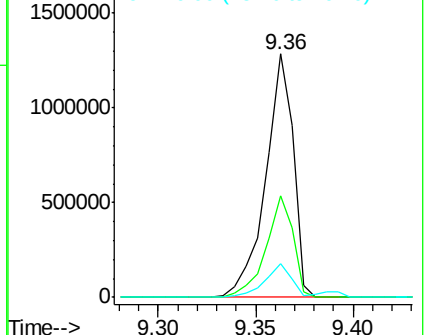
76 13.8 0.0 34.0



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: 47.465 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

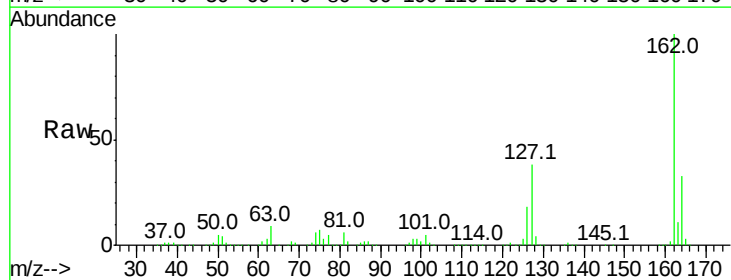
Tgt Ion:162 Resp: 995091

Ion Ratio Lower Upper

162 100

127 38.2 33.9 50.9

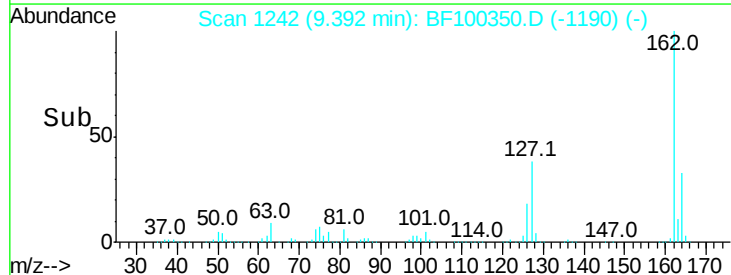
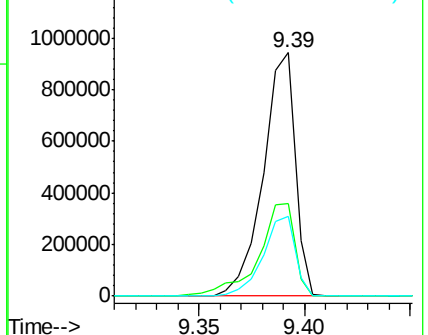
164 32.8 26.5 39.7

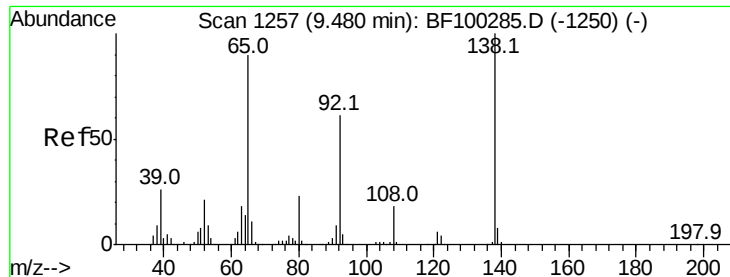


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 54.469 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

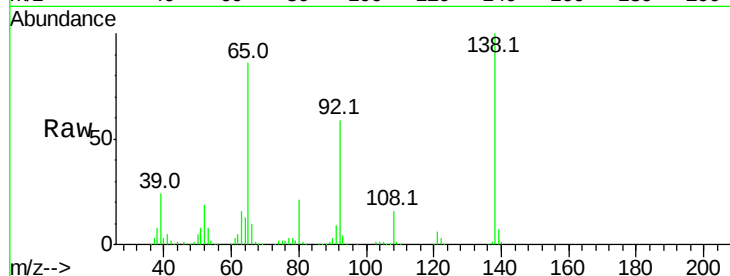
Tot Ion: 65 Resp: 339891

Ion Ratio Lower Upper

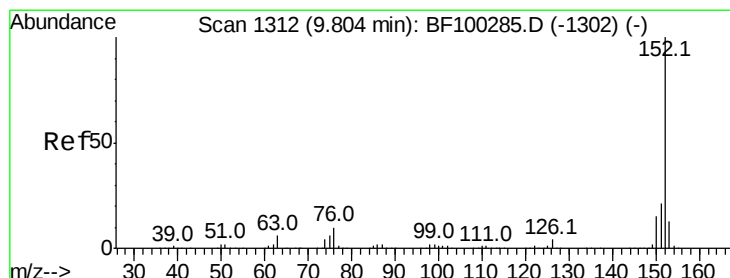
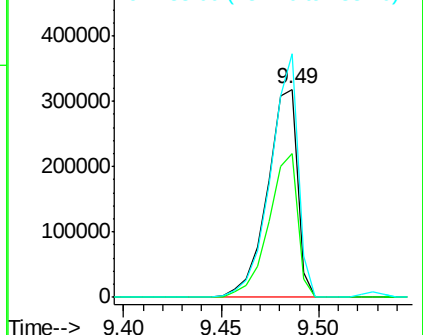
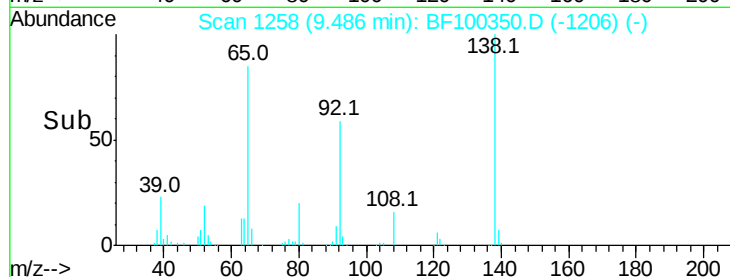
65 100

92 68.8 55.8 83.6

138 116.9 91.2 136.8



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



#48

Acenaphthylene

Concen: 45.220 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

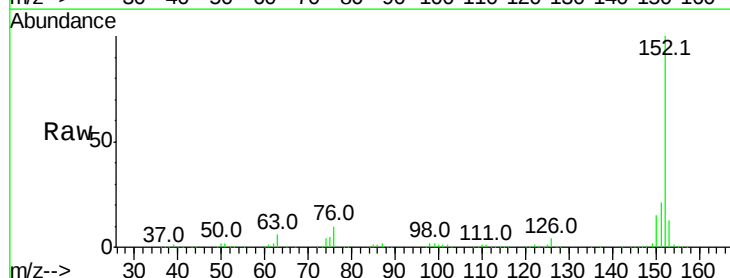
Tgt Ion: 152 Resp: 1571116

Ion Ratio Lower Upper

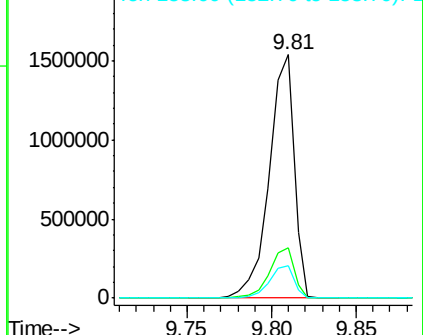
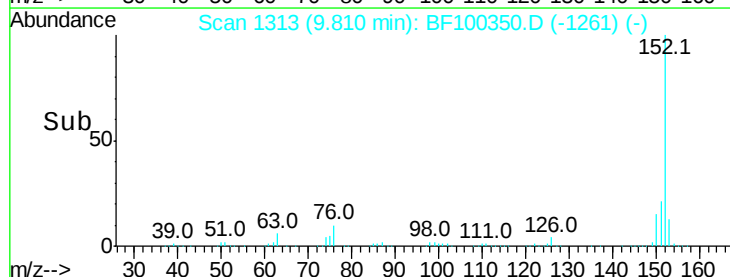
152 100

151 20.7 16.3 24.5

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

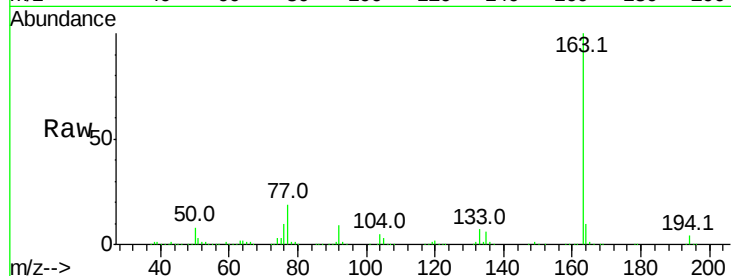




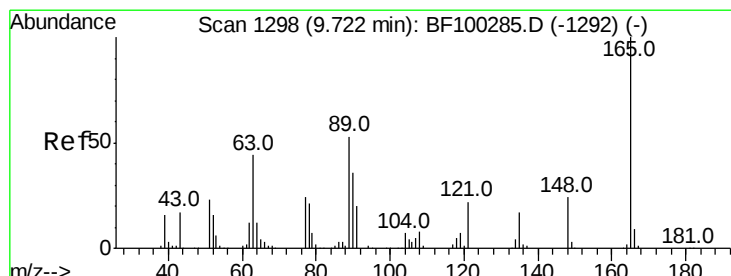
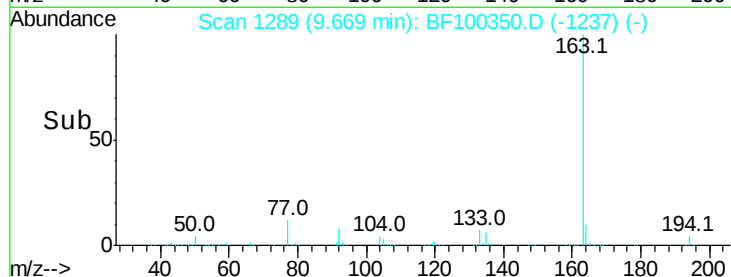
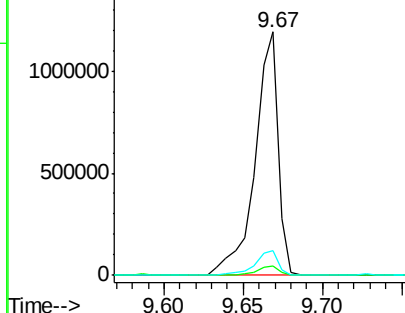
#49
Dimethylphthalate
Concen: 47.378 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1208672
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.1 8.2 12.2

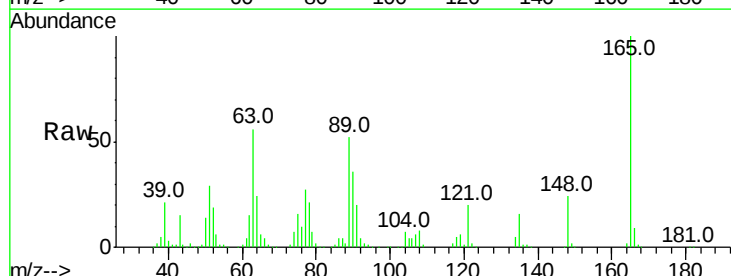


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

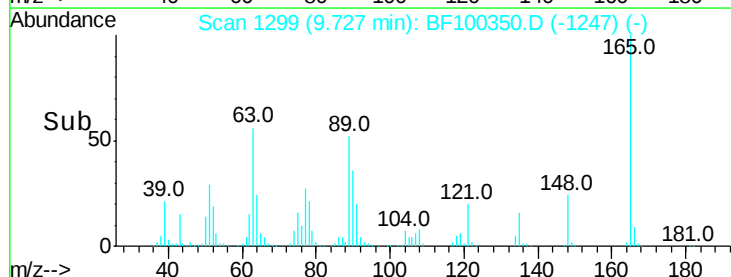
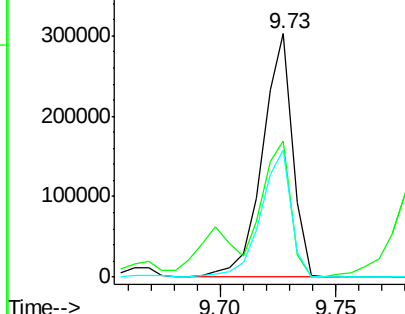


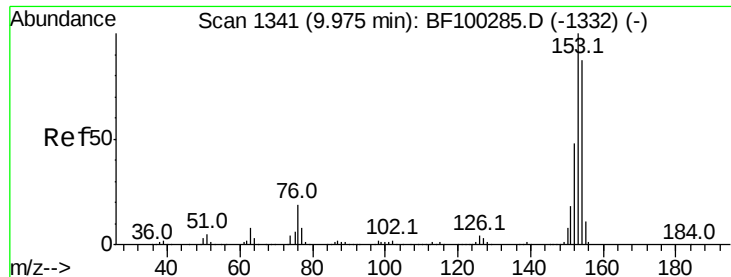
#50
2,6-Dinitrotoluene
Concen: 54.362 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:165 Resp: 274513
Ion Ratio Lower Upper
165 100
63 55.7 44.7 67.1
89 52.2 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: 50.138 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampled :

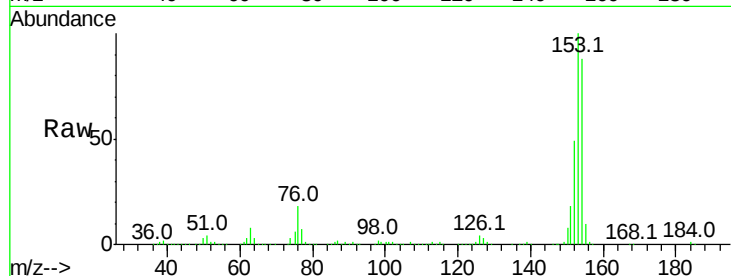
Tot Ion:154 Resp: 1059432

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

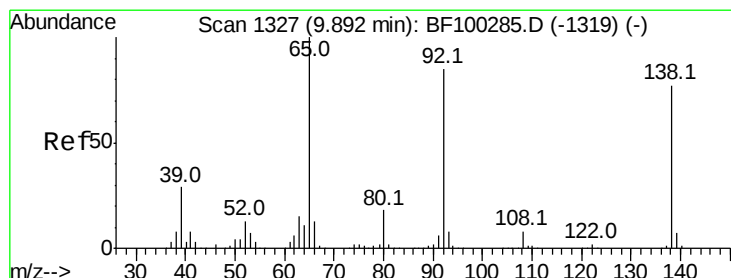
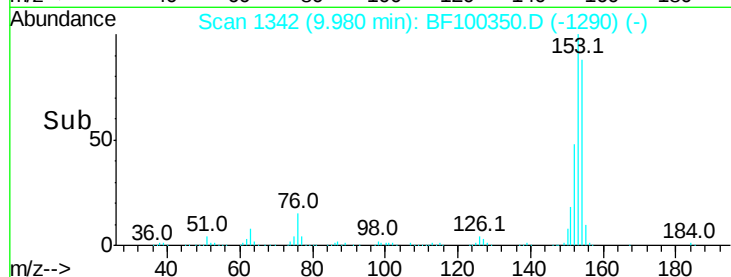
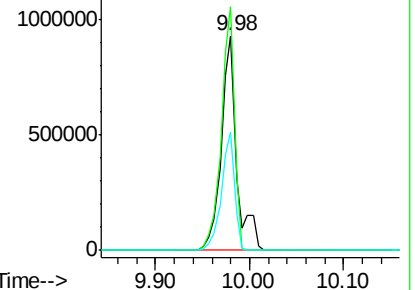
152 55.1 43.8 65.8



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: 15.347 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

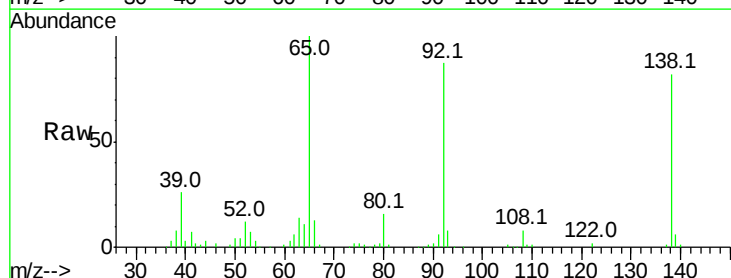
Tgt Ion:138 Resp: 91512

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

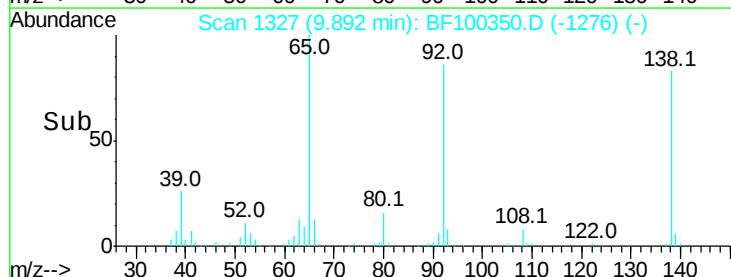
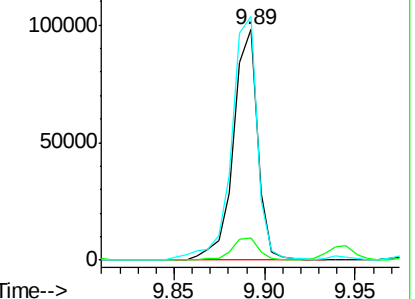
92 105.6 89.4 134.2

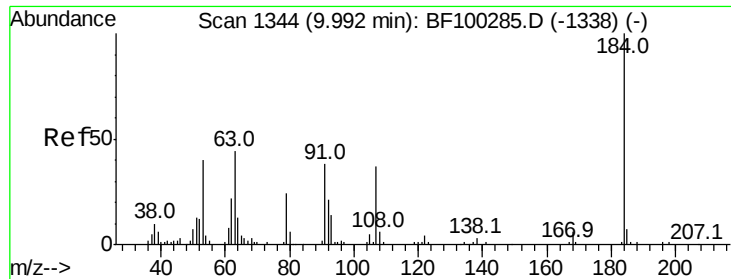


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

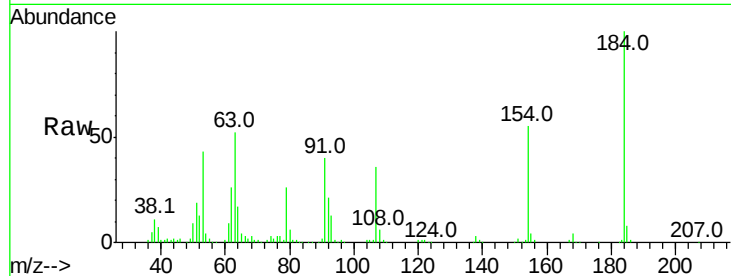




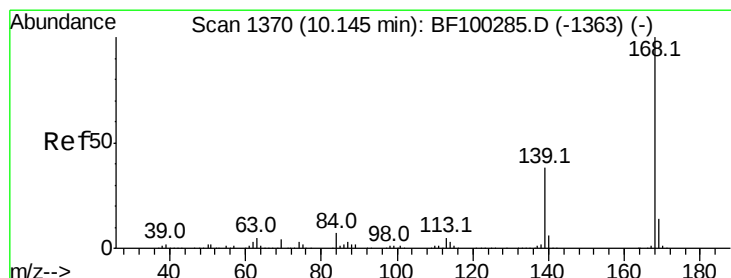
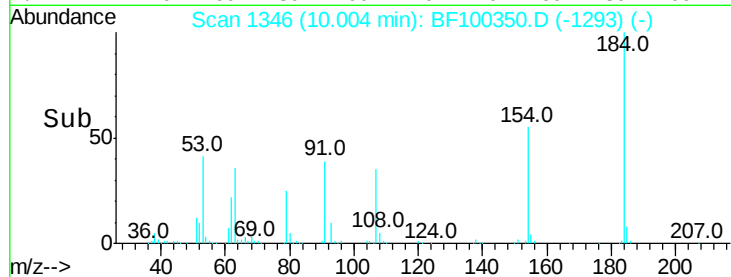
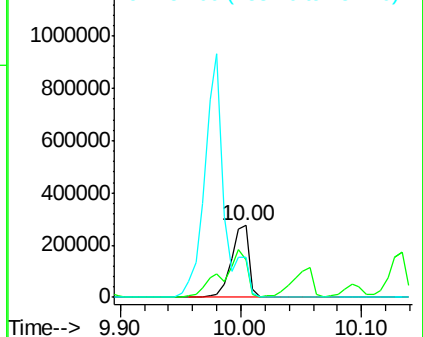
#53
 2,4-Dinitrophenol
 Concen: 108.595 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 281821
 Ion Ratio Lower Upper
 184 100
 63 51.8 54.2 81.2#
 154 55.5 184.0 276.0#

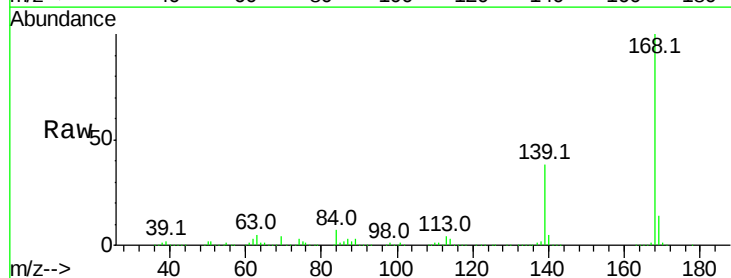


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

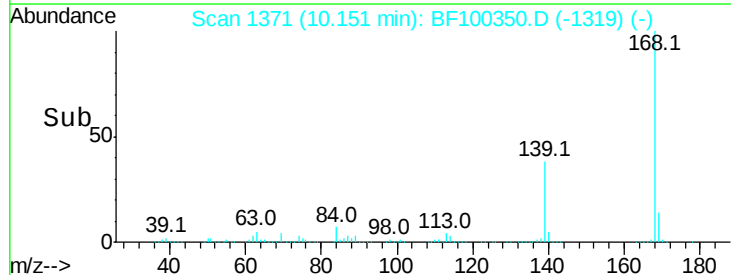
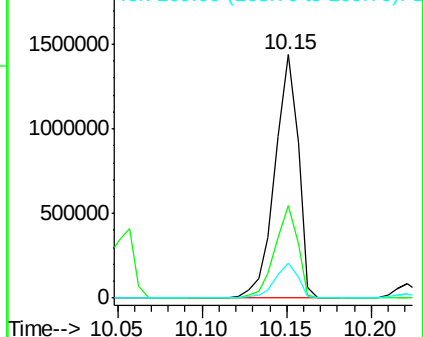


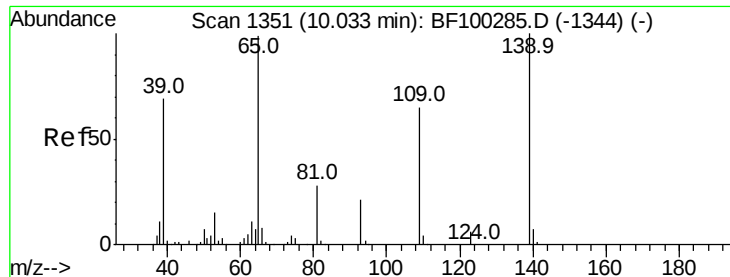
#54
 Dibenzofuran
 Concen: 46.717 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion:168 Resp: 1383543
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.1 45.1
 169 14.4 10.9 16.3



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





#55

4-Nitrophenol

Concen: 98.223 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.02 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

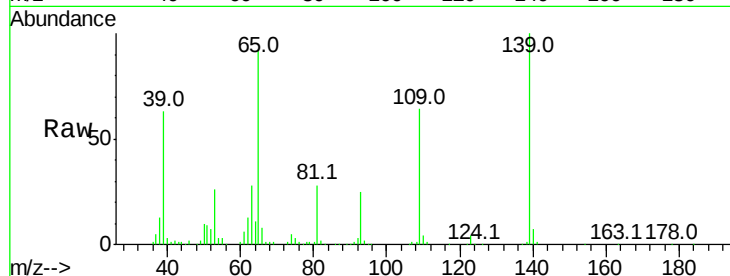
Tot Ion:139 Resp: 475582

Ion Ratio Lower Upper

139 100

109 63.7 48.4 88.4

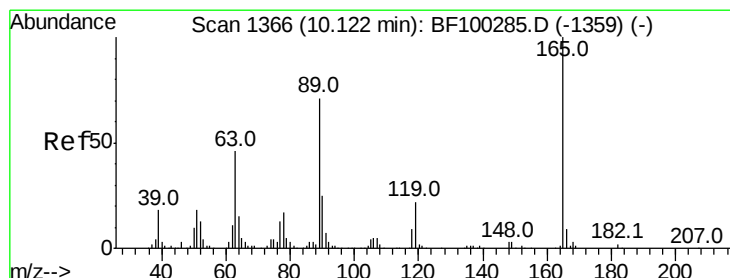
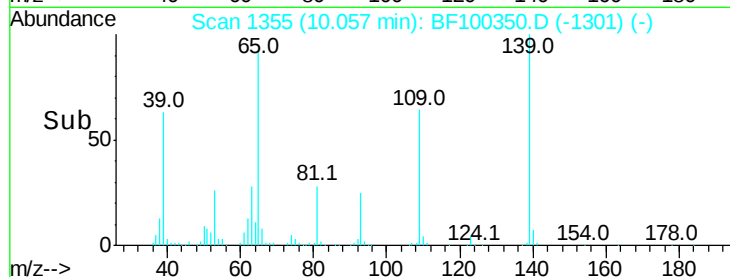
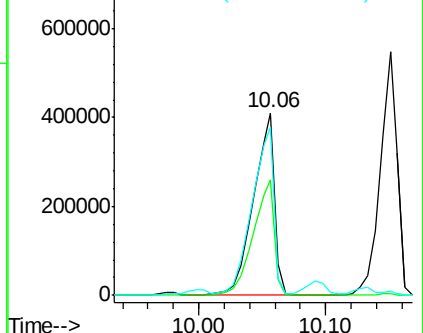
65 92.2 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 58.380 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Tgt Ion:165 Resp: 371909

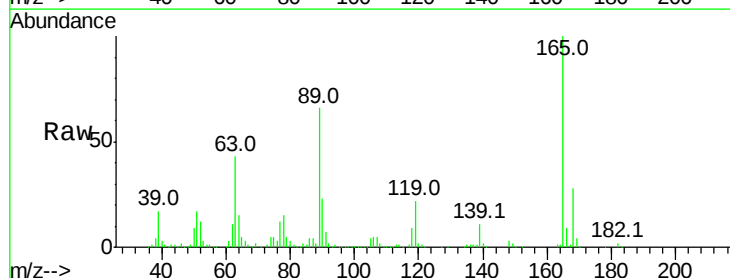
Ion Ratio Lower Upper

165 100

63 43.0 36.4 54.6

89 65.9 57.8 86.6

182 2.4 1.6 2.4

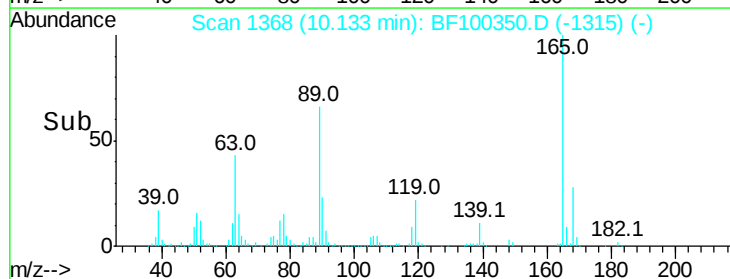
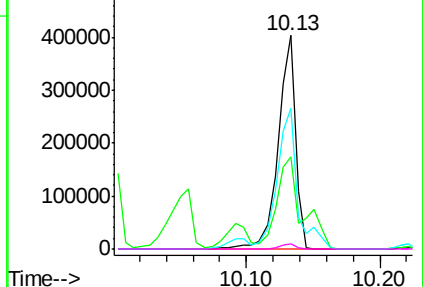


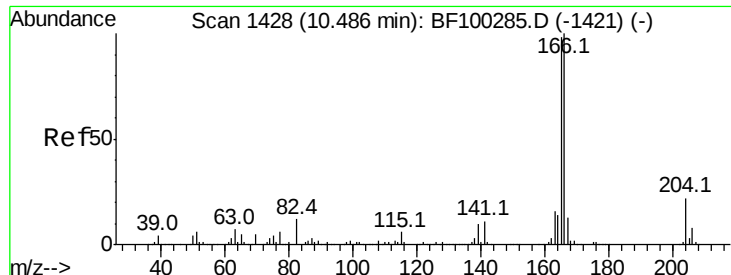
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

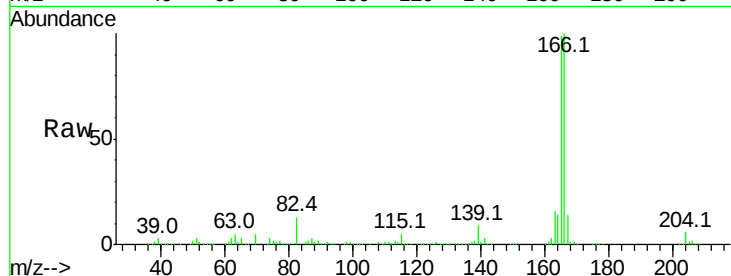




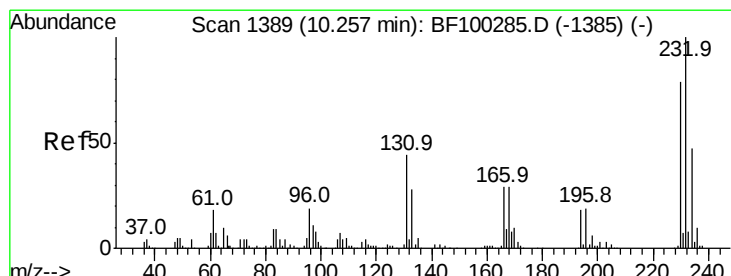
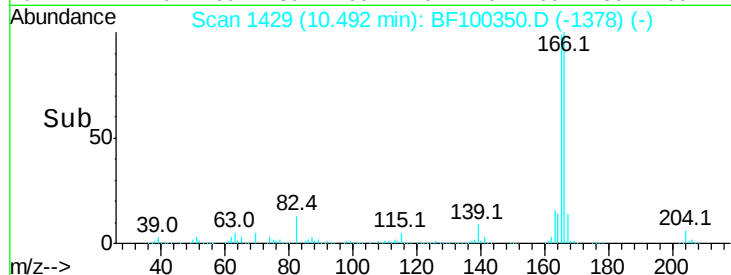
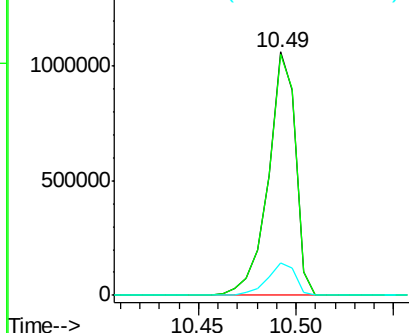
#57
 Fluorene
 Concen: 47.142 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1022772
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 13.5 10.6 16.0



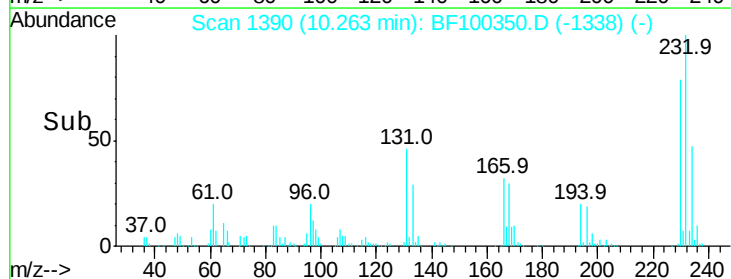
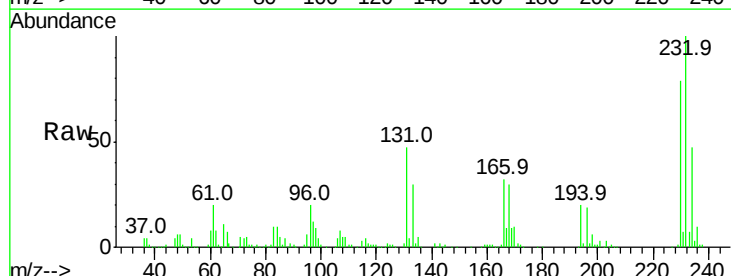
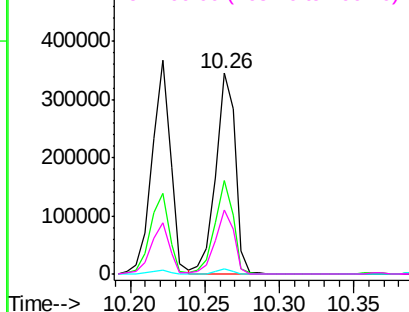
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

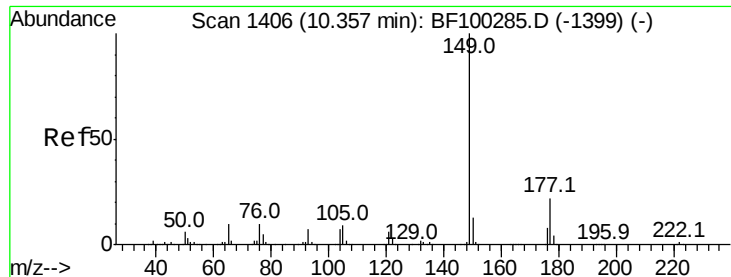


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.379 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion:232 Resp: 318332
 Ion Ratio Lower Upper
 232 100
 131 43.5 43.8 65.8#
 130 2.2 2.1 3.1
 166 30.2 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

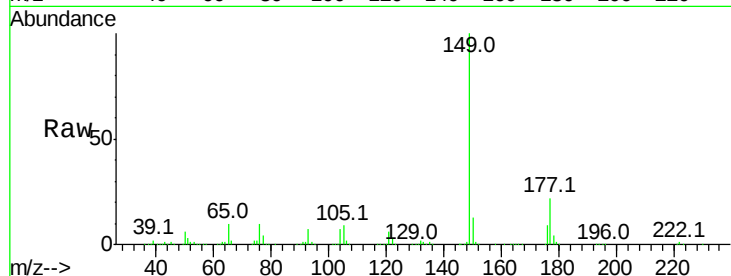




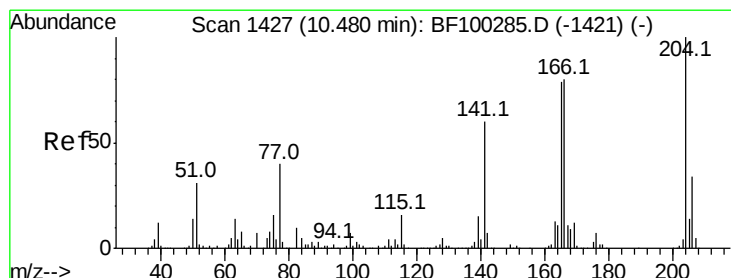
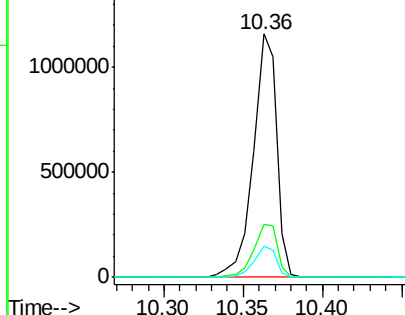
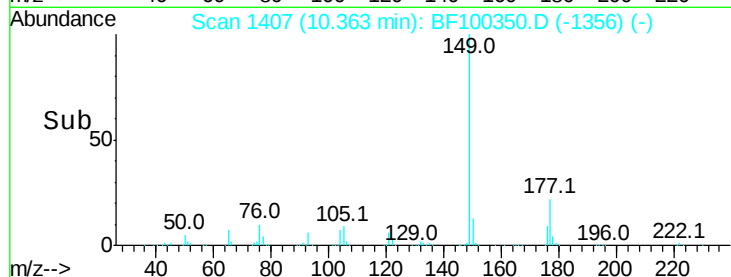
#59
Diethylphthalate
Concen: 46.523 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1187706
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.7 10.1 15.1

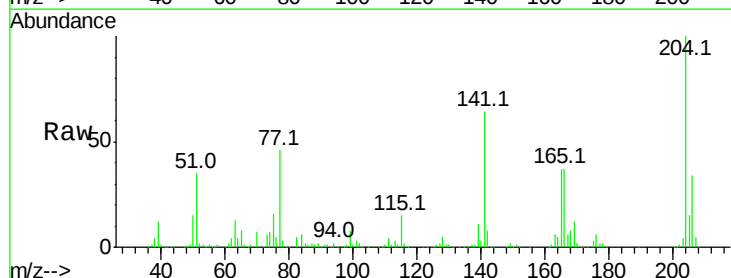


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

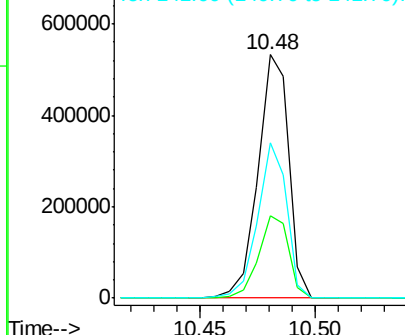
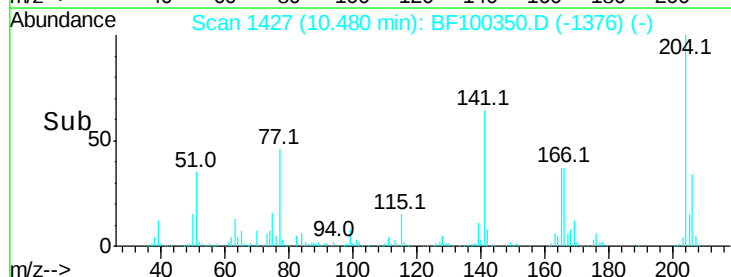


#60
4-Chlorophenyl-phenylether
Concen: 46.458 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:204 Resp: 494453
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 63.6 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

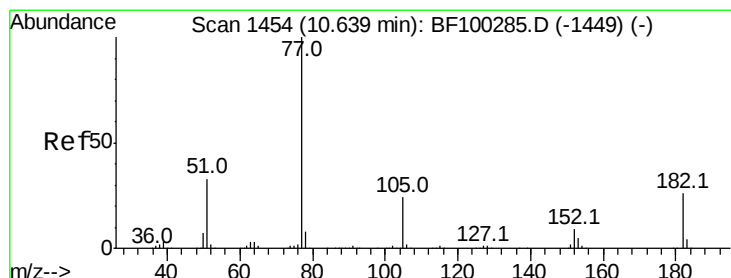
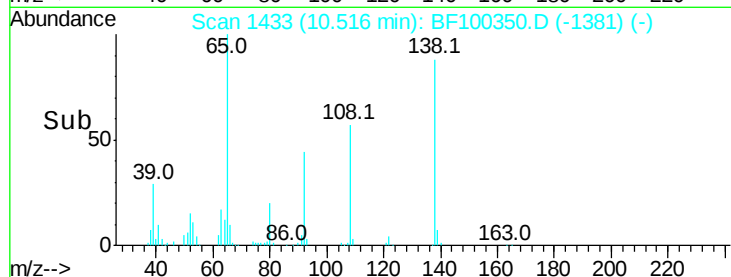
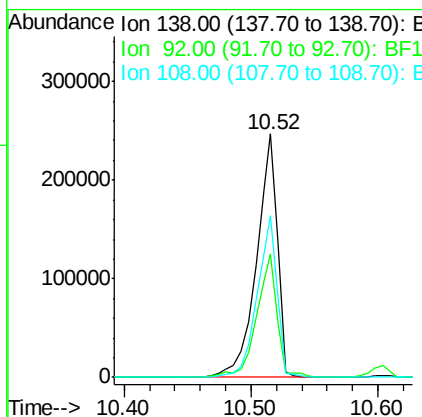
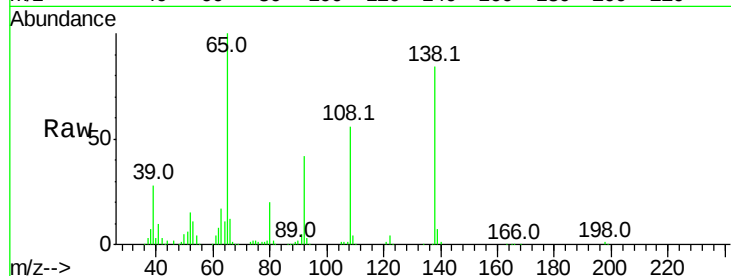




#61
4-Nitroaniline
Concen: 50.347 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

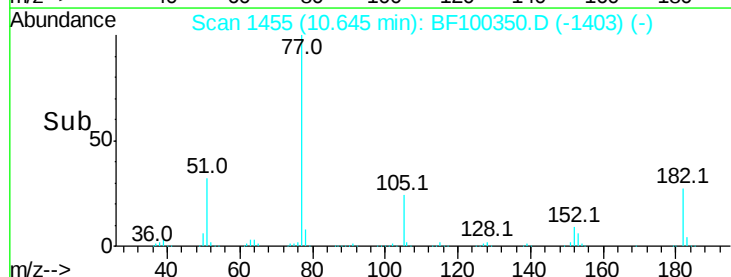
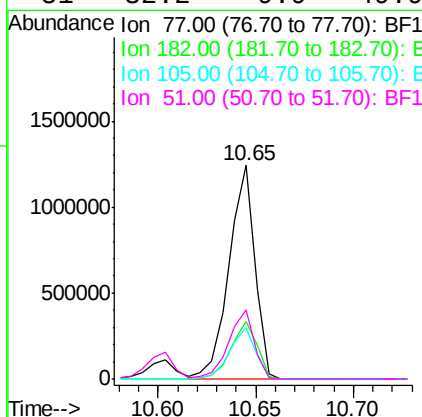
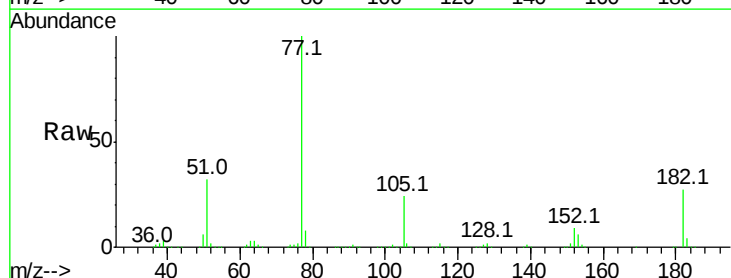
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 284674
Ion Ratio Lower Upper
138 100
92 50.5 30.2 70.2
108 66.3 52.5 92.5



#62
Azobenzene
Concen: 47.532 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion: 77 Resp: 1142903
Ion Ratio Lower Upper
77 100
182 26.9 1.7 41.7
105 24.2 3.0 43.0
51 32.2 9.9 49.9

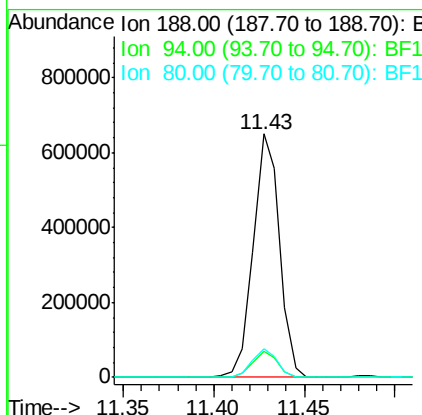
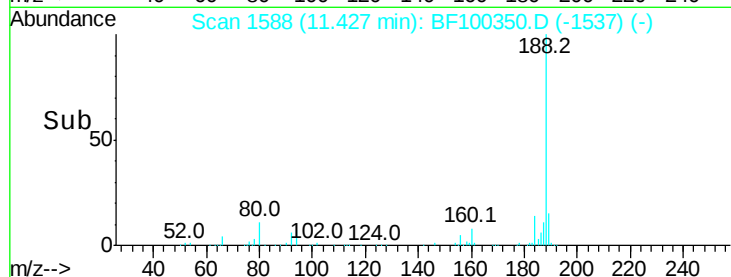
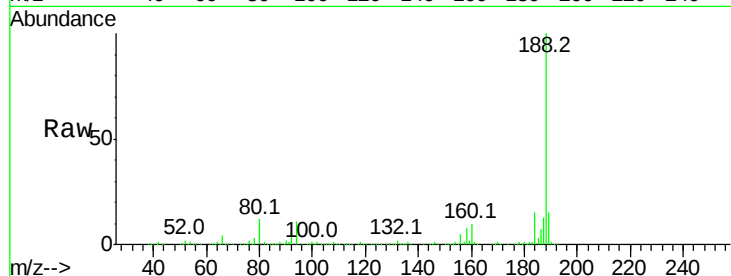




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

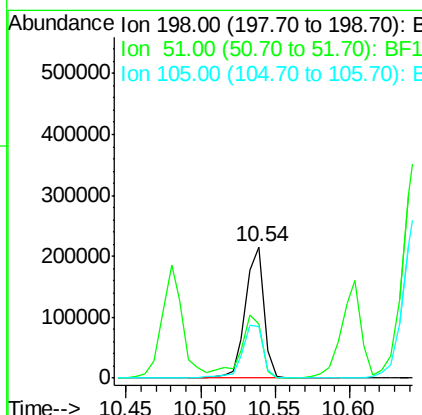
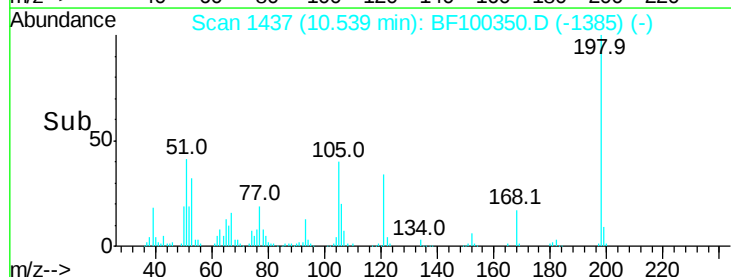
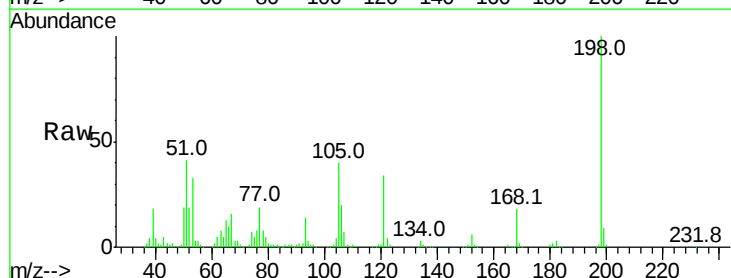
Instrument :
BNA_F
ClientSampleId :

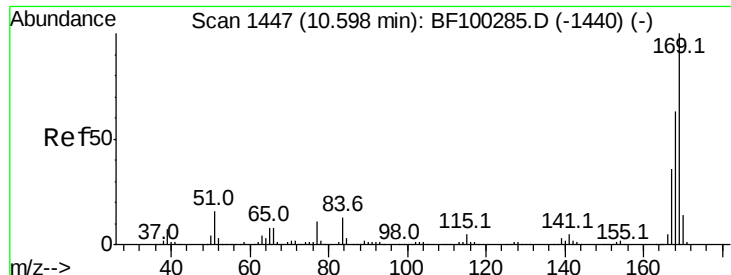
Tot Ion:188 Resp: 653053
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 54.886 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:198 Resp: 185915
Ion Ratio Lower Upper
198 100
51 41.4 37.7 77.7
105 39.6 36.3 76.3

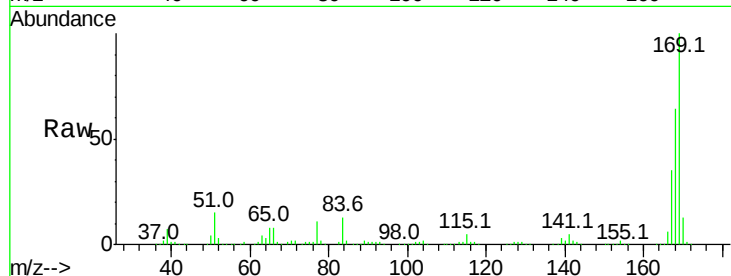




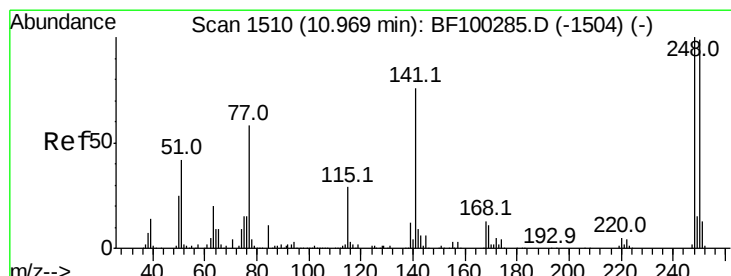
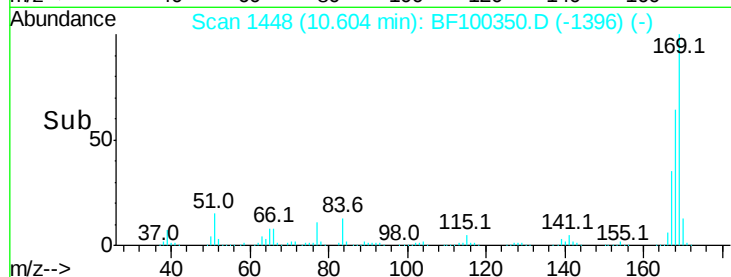
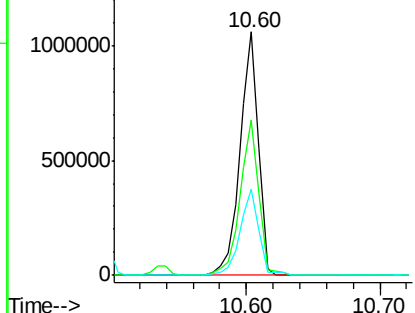
#65
 n-Nitrosodiphenylamine
 Concen: 44.443 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 1009170
 Ion Ratio Lower Upper
 169 100
 168 63.7 54.4 81.6
 167 35.5 29.8 44.6

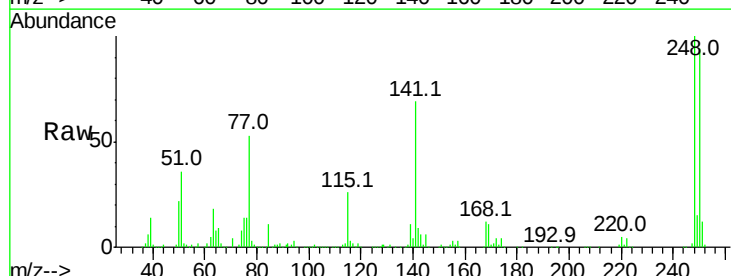


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

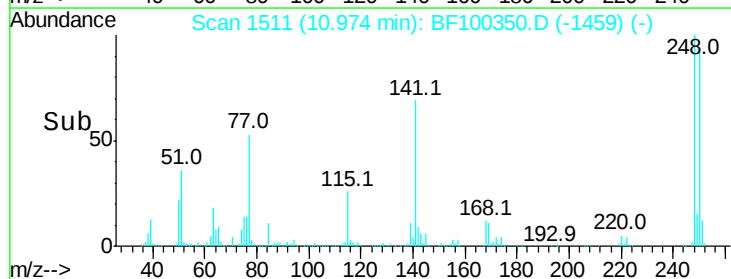
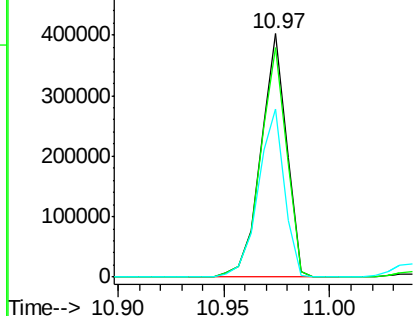


#66
 4-Bromophenyl-phenylether
 Concen: 48.732 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion:248 Resp: 341153
 Ion Ratio Lower Upper
 248 100
 250 94.1 76.9 115.3
 141 69.3 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: 47.700 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampled :

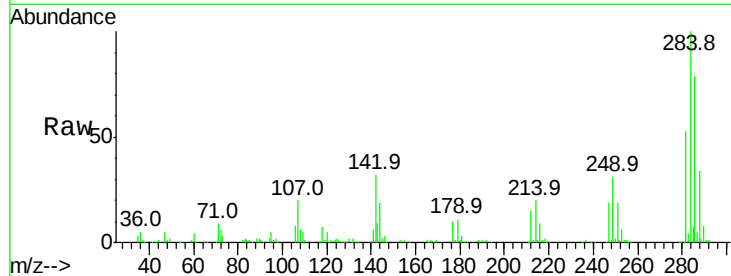
Tot Ion:284 Resp: 349254

Ion Ratio Lower Upper

284 100

142 32.0 34.6 52.0#

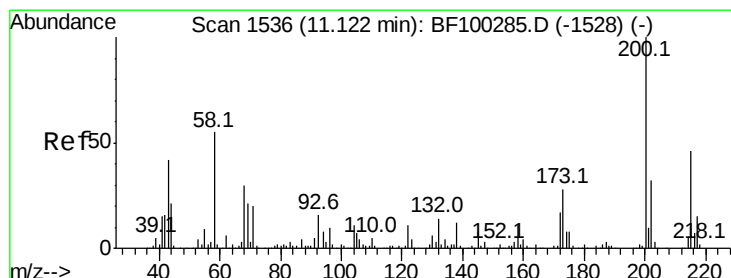
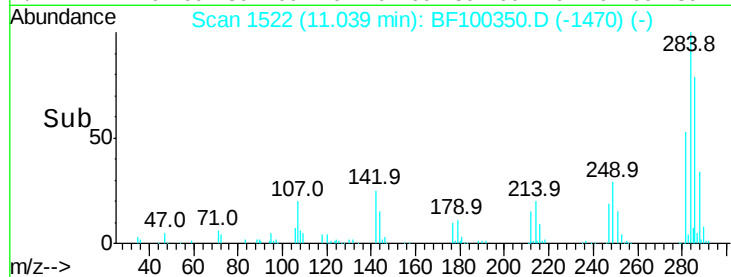
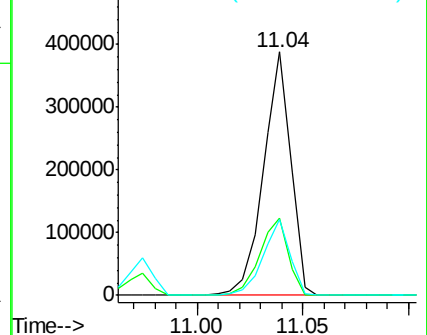
249 31.1 24.8 37.2



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: 49.046 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

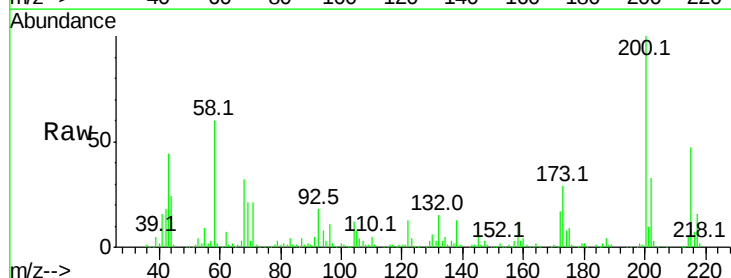
Tgt Ion:200 Resp: 337123

Ion Ratio Lower Upper

200 100

173 29.2 8.6 48.6

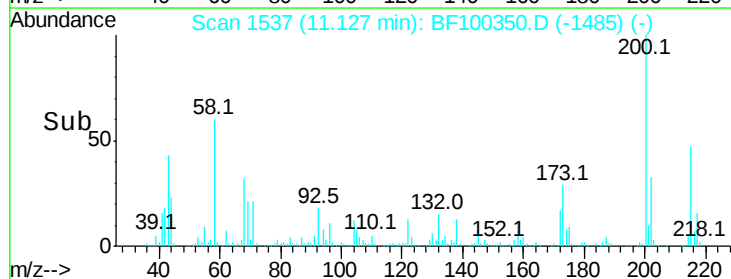
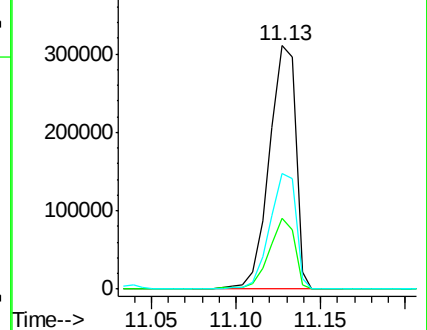
215 47.5 25.1 65.1

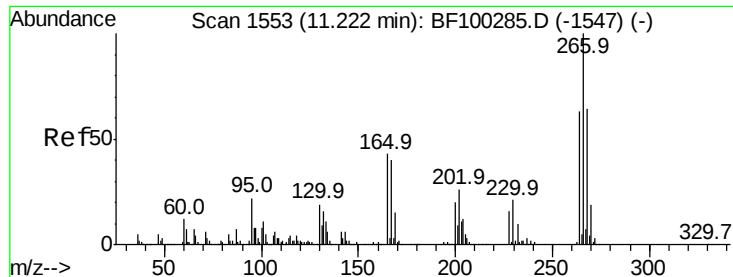


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

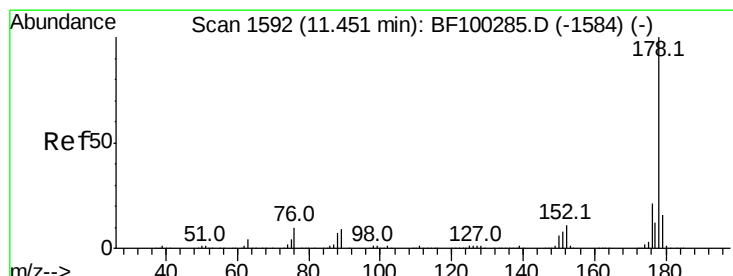
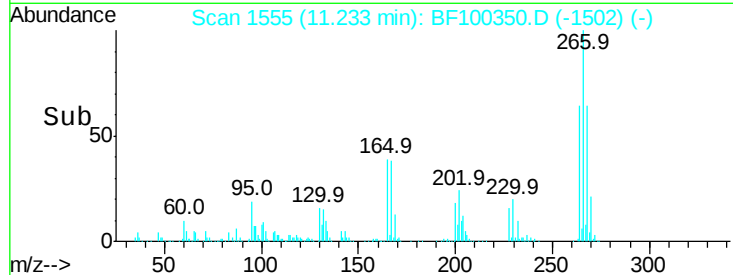
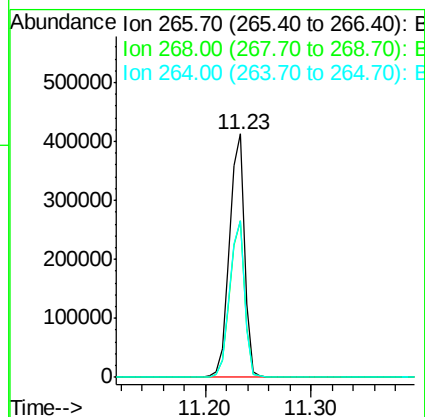
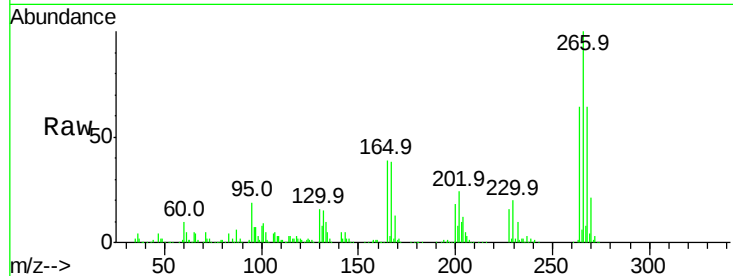




#69
 Pentachlorophenol
 Concen: 77.723 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

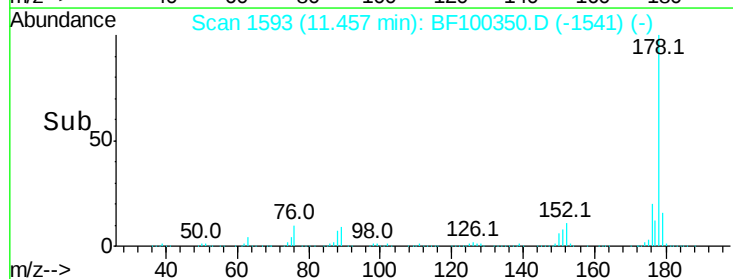
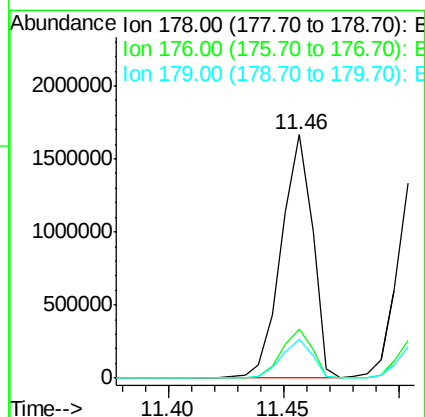
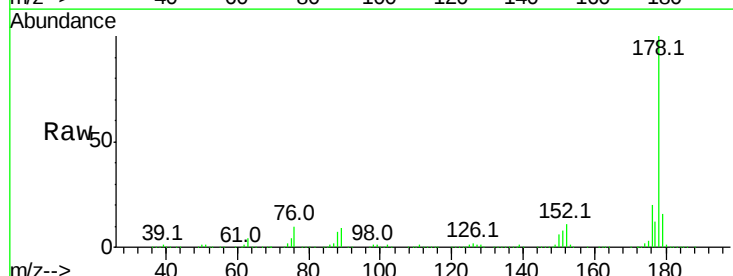
Instrument :
 BNA_F
 ClientSampleId :

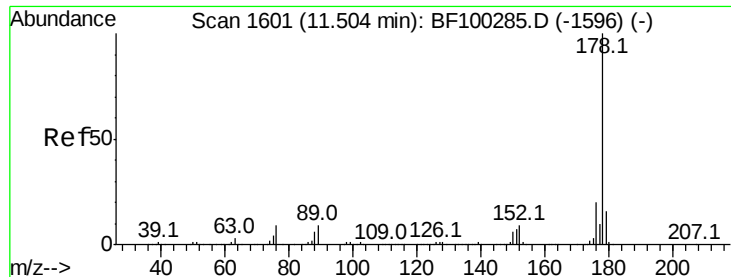
Tot Ion:266 Resp: 408056
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.1 76.7
 264 64.2 49.5 74.3



#70
 Phenanthrene
 Concen: 45.344 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion:178 Resp: 1559115
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.8 23.8
 179 15.8 13.0 19.6

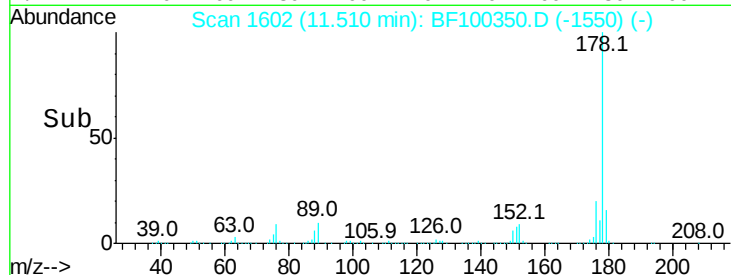
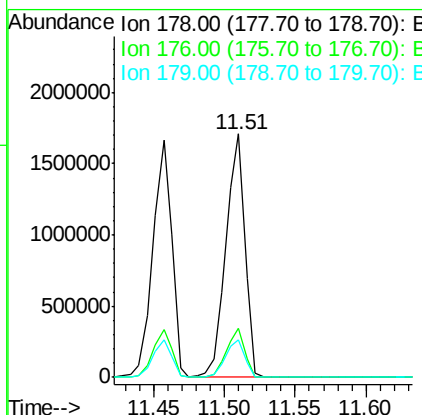
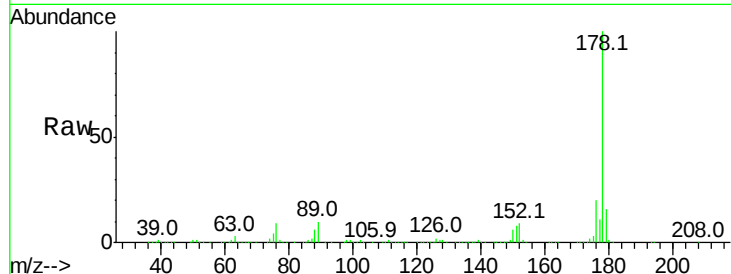




#71
 Anthracene
 Concen: 45.912 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

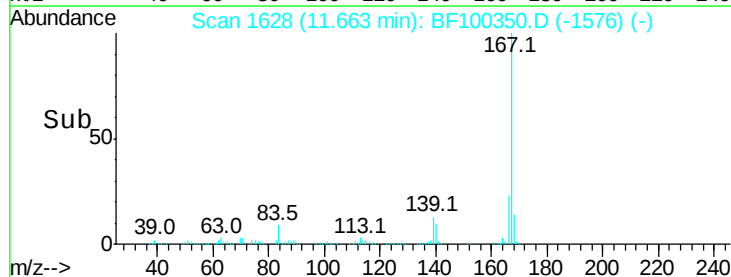
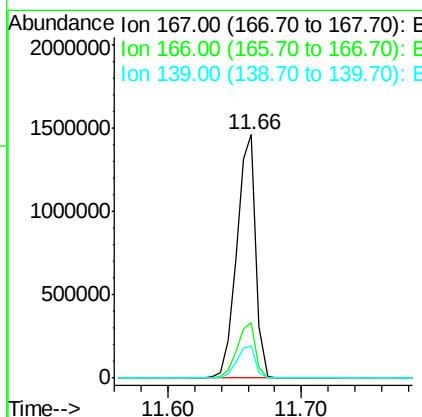
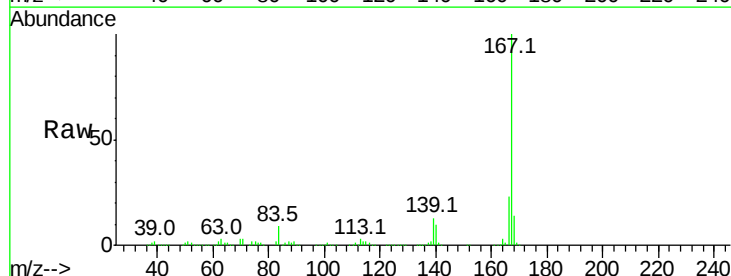
Instrument :
 BNA_F
 ClientSampleId :

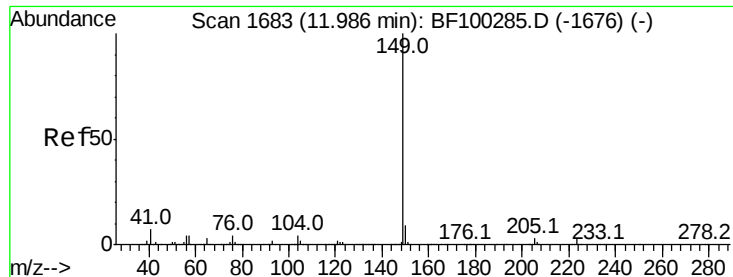
Tot Ion:178 Resp: 1601631
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 44.855 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion:167 Resp: 1443793
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.424 ng

RT: 11.99 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

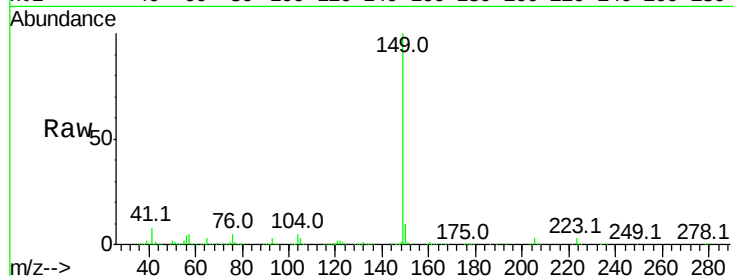
Tot Ion:149 Resp: 1786370

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

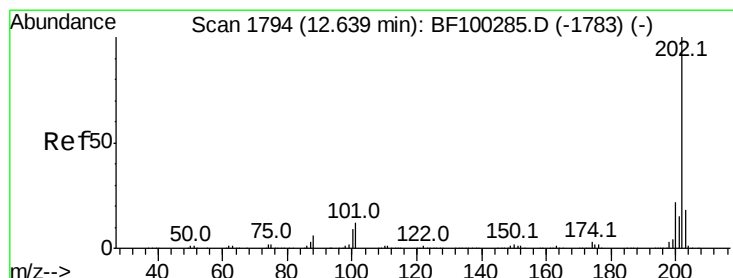
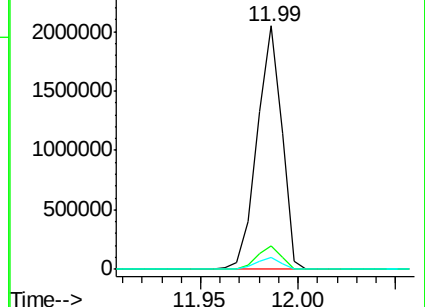
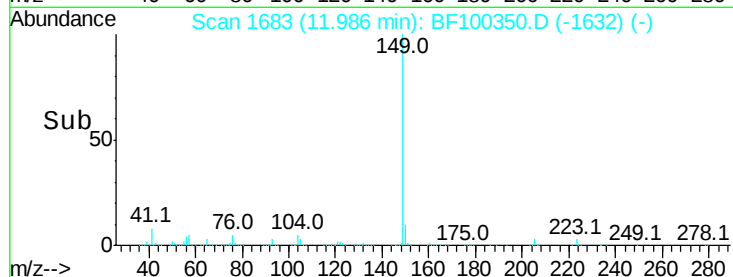
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.673 ng

RT: 12.64 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

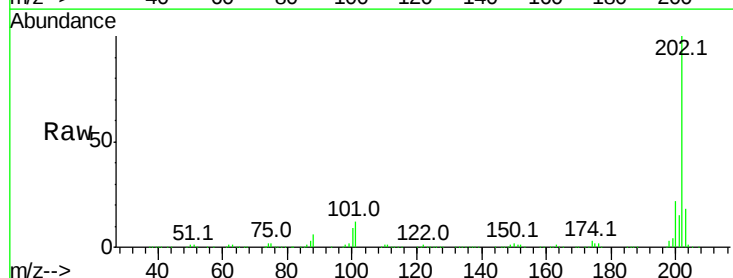
Tgt Ion:202 Resp: 1627906

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

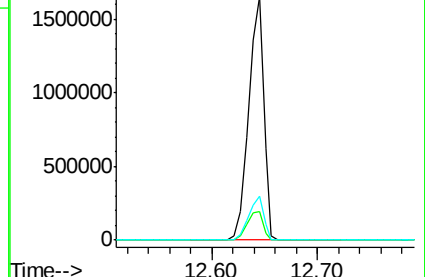
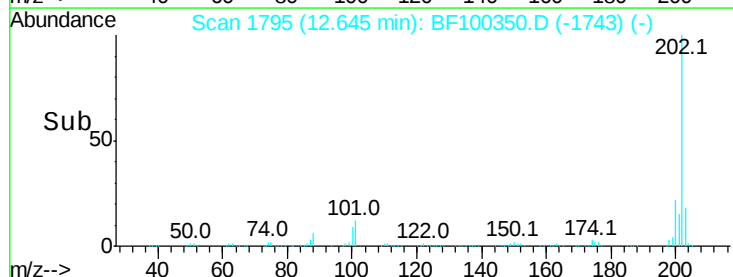
203 17.9 0.0 38.1

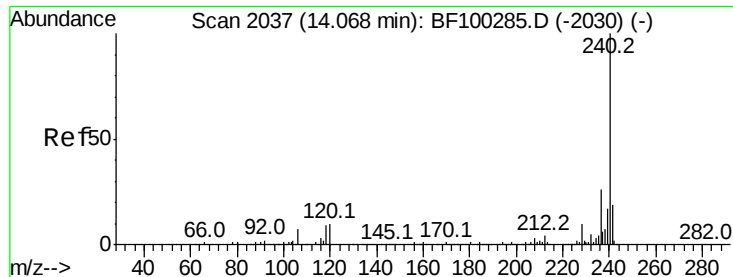


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

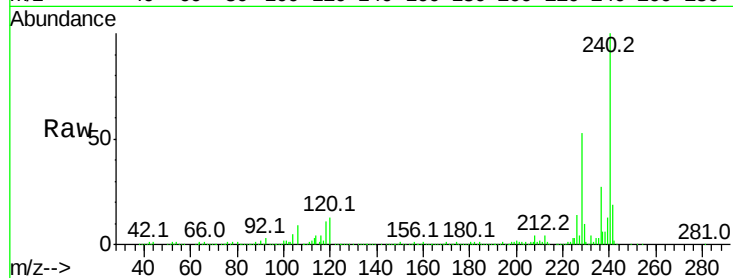
Tot Ion:240 Resp: 446944

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

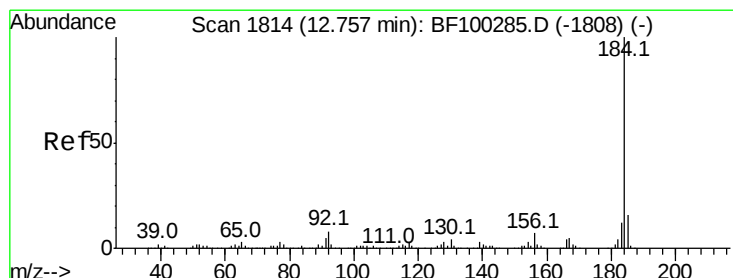
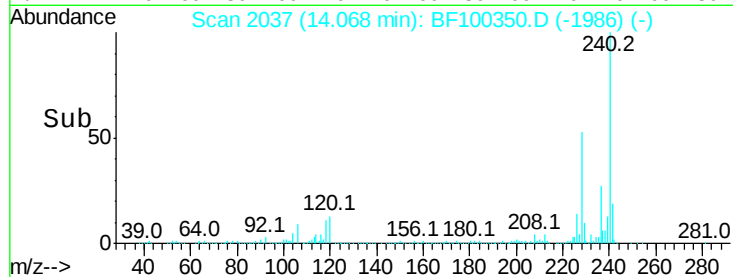
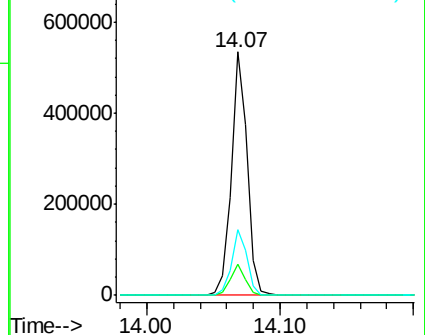
236 26.9 20.7 31.1



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: 28.852 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

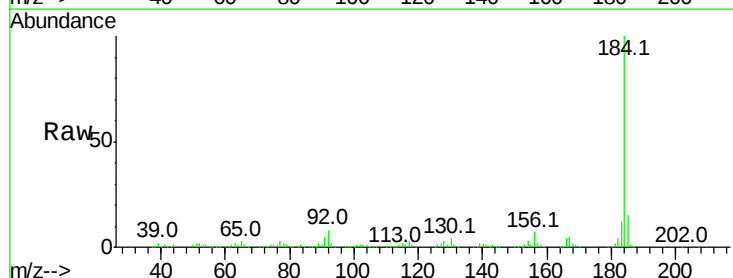
Tgt Ion:184 Resp: 516424

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

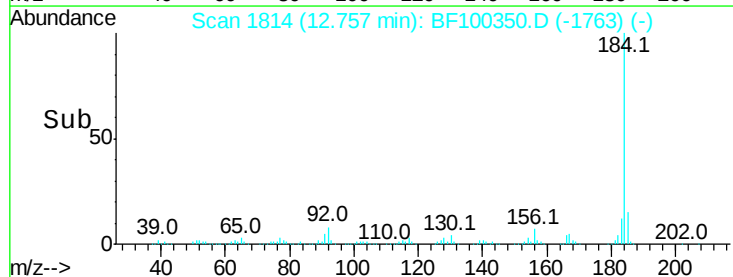
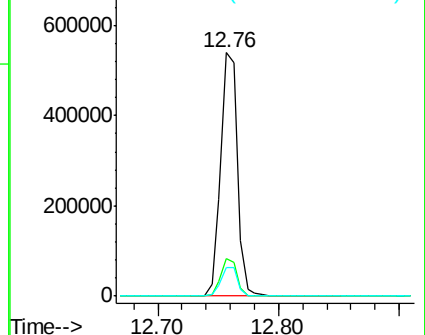
183 11.6 9.3 13.9

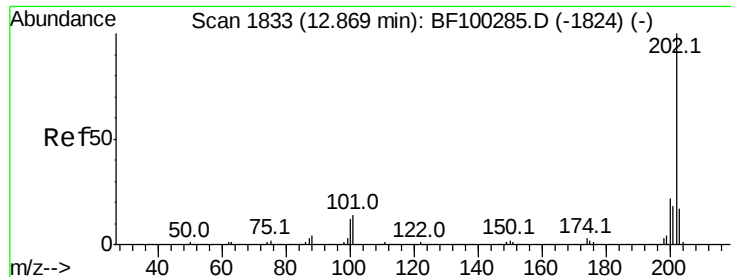


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

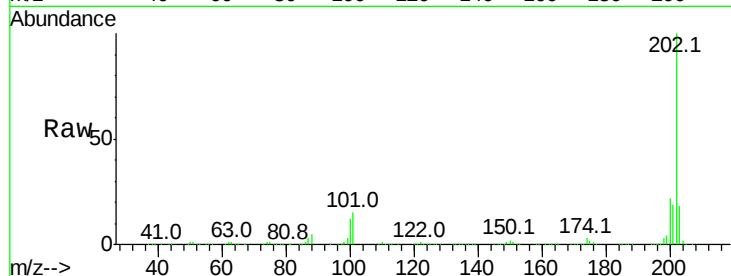




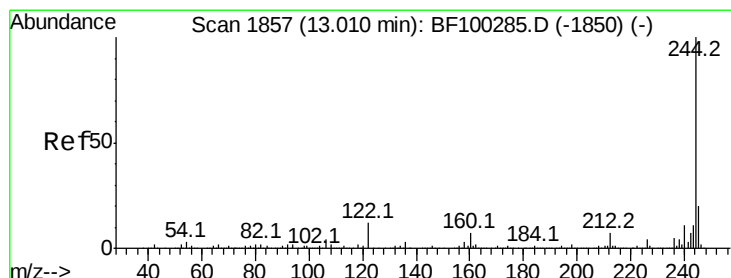
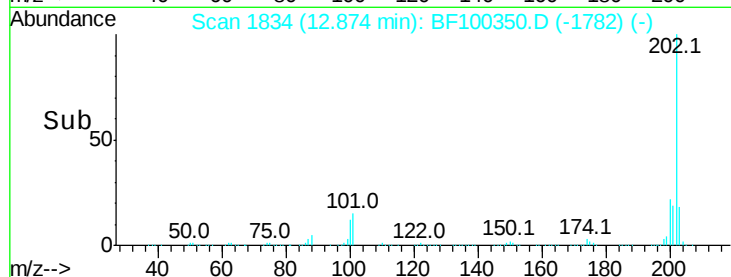
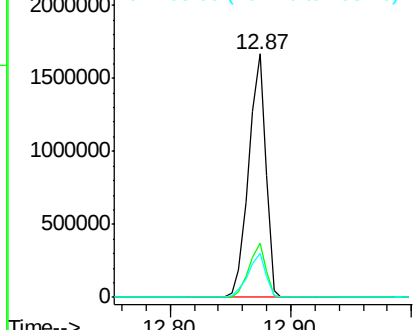
#77
Pvrene
Concen: 52.371 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1668533
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.9 14.3 21.5

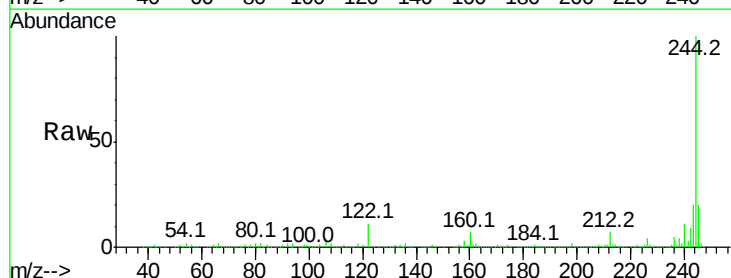


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

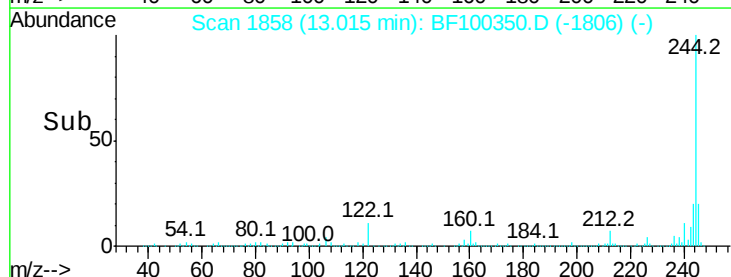
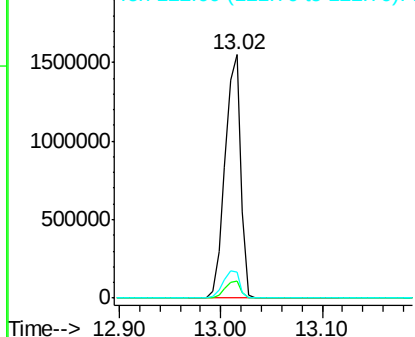


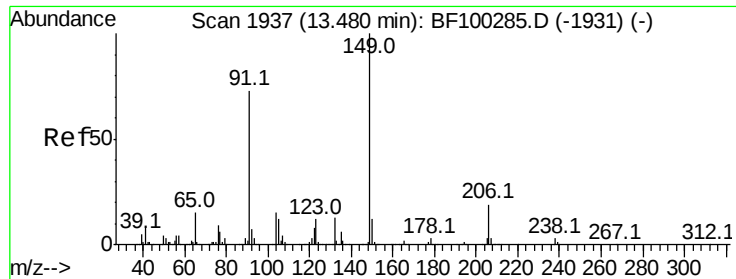
#78
Terphenyl-d14
Concen: 85.380 ng
RT: 13.02 min Scan# 1858
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:244 Resp: 1660797
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 10.8 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

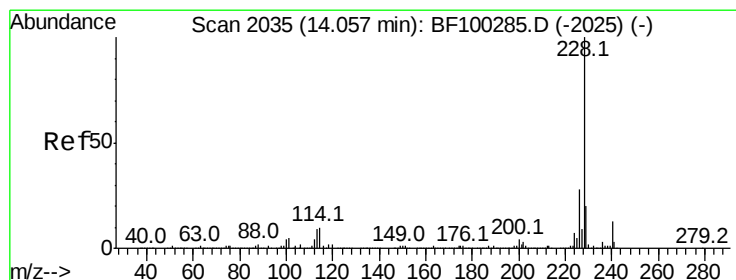
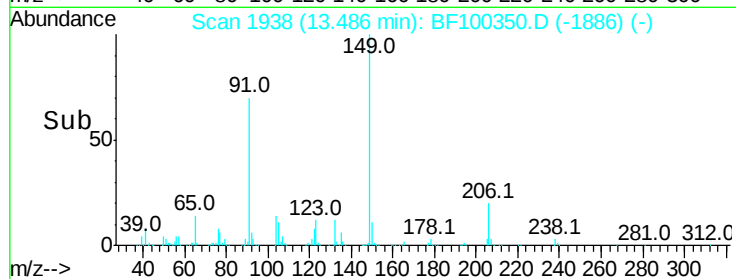
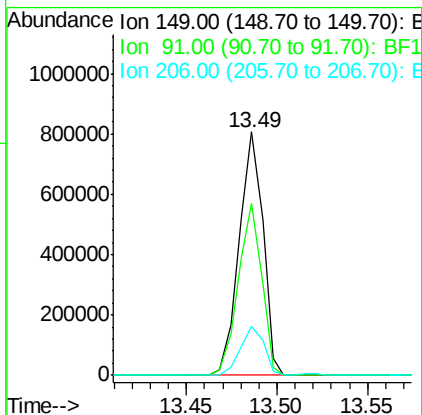
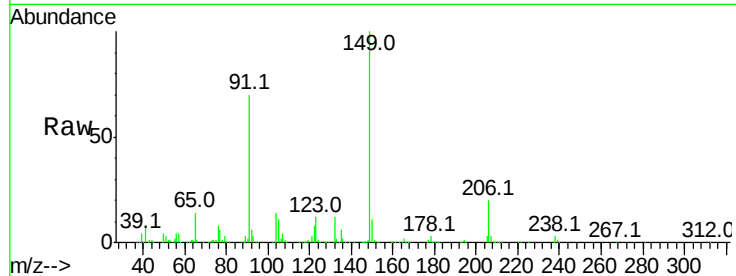




#79
Butylbenzylphthalate
Concen: 56.794 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

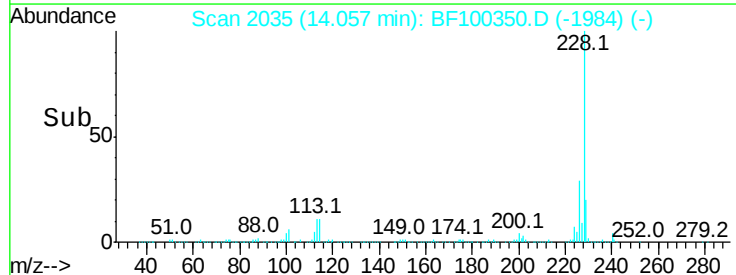
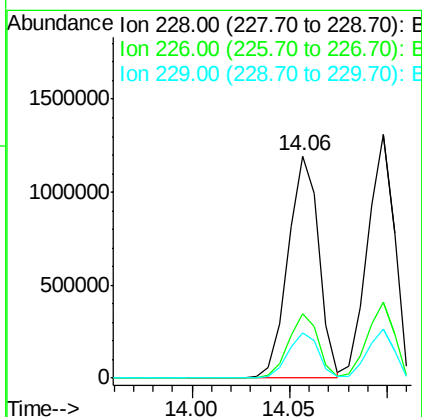
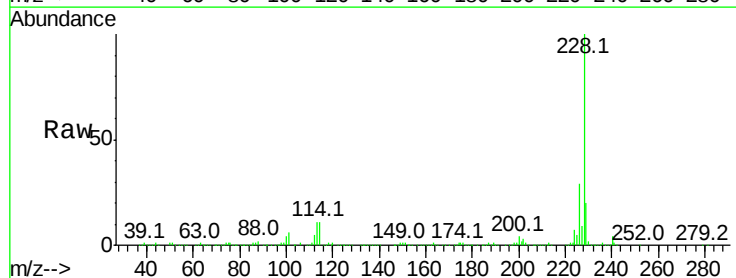
Instrument :
BNA_F
ClientSampled :

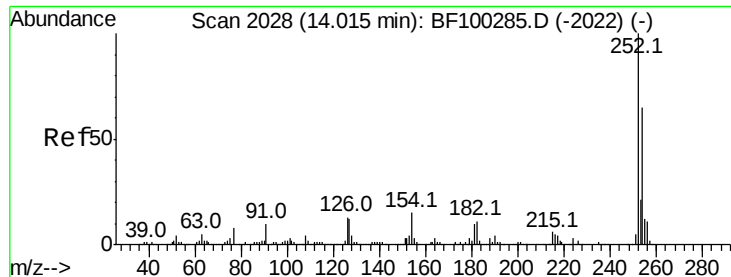
Tot Ion:149 Resp: 737922
Ion Ratio Lower Upper
149 100
91 70.4 56.8 85.2
206 19.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 48.046 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:228 Resp: 1293148
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.2 15.8 23.6

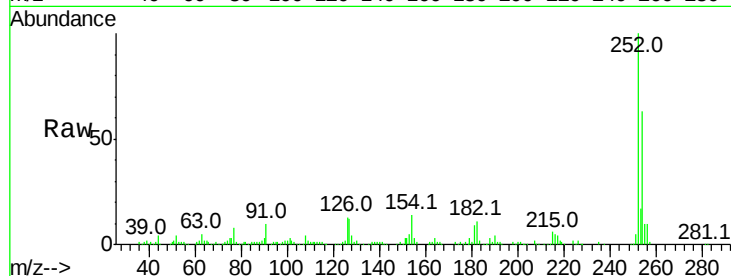




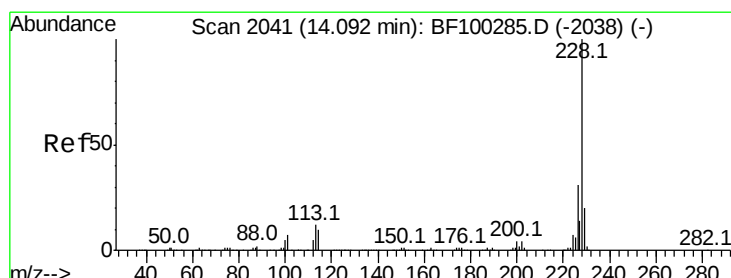
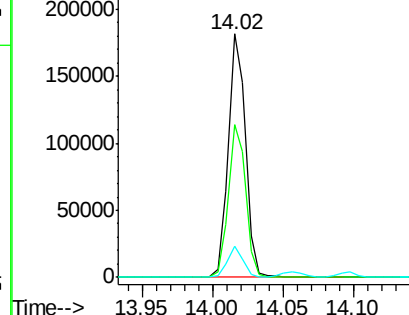
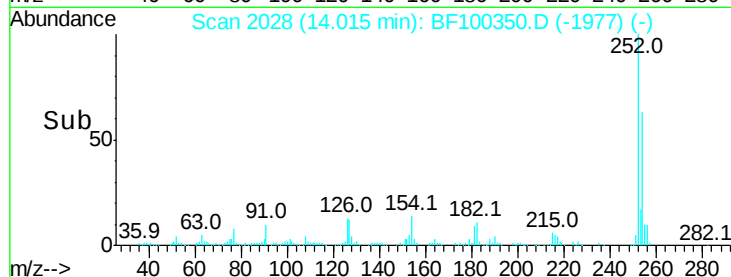
#81
 3,3'-Dichlorobenzidine
 Concen: 15.978 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 154075
 Ion Ratio Lower Upper
 252 100
 254 62.7 50.4 75.6
 126 12.6 11.3 16.9

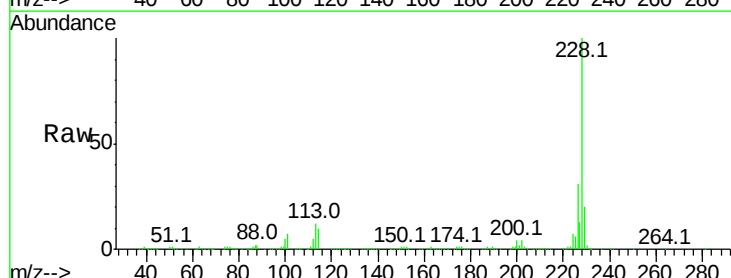


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

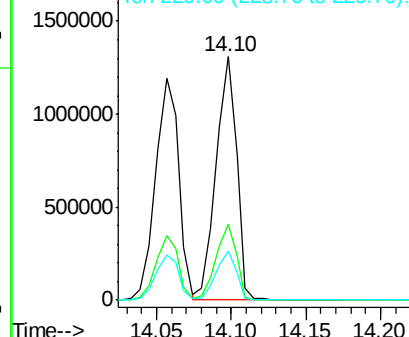
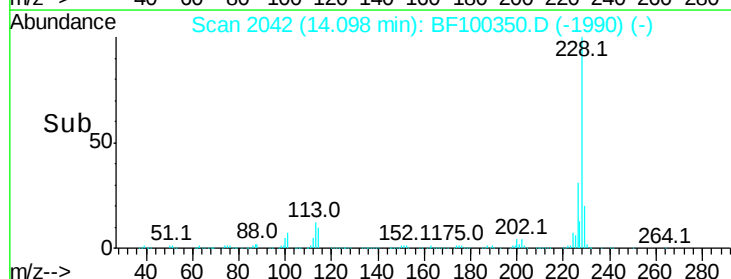


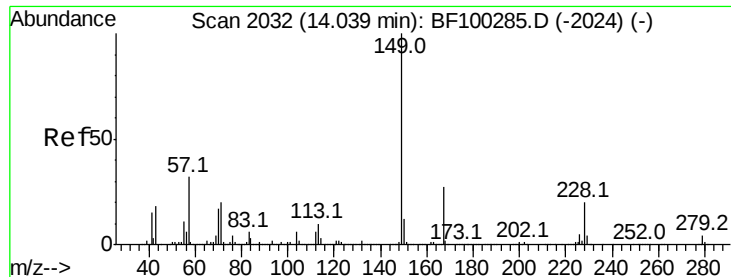
#82
 Chrysene
 Concen: 48.142 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion:228 Resp: 1254737
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

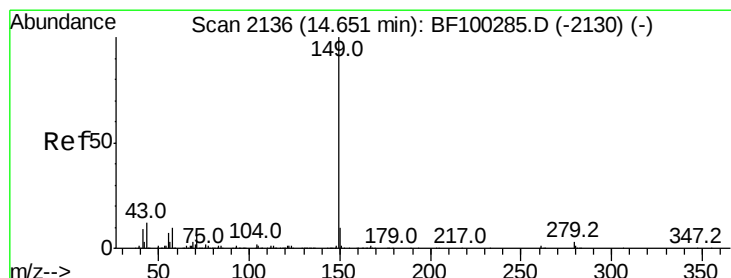
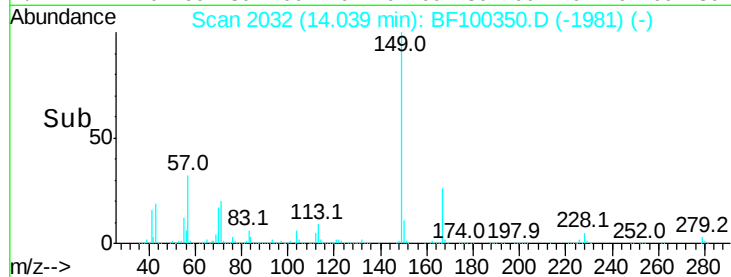
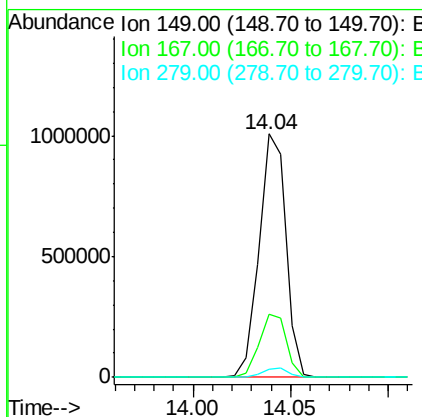
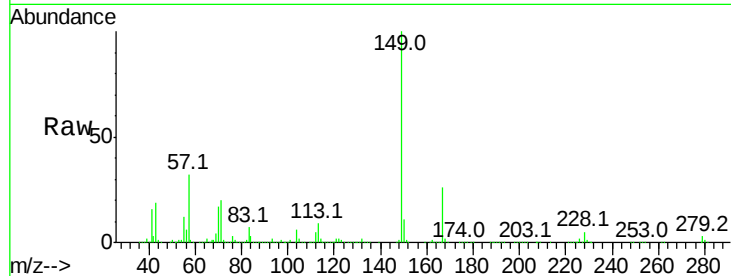




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.113 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

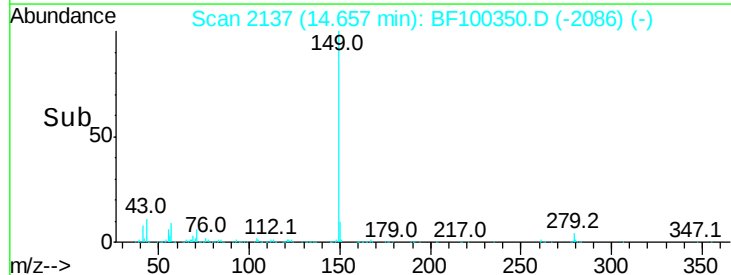
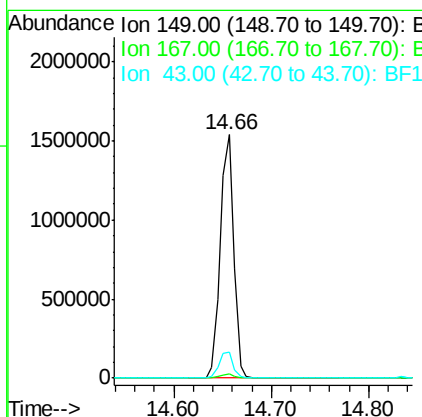
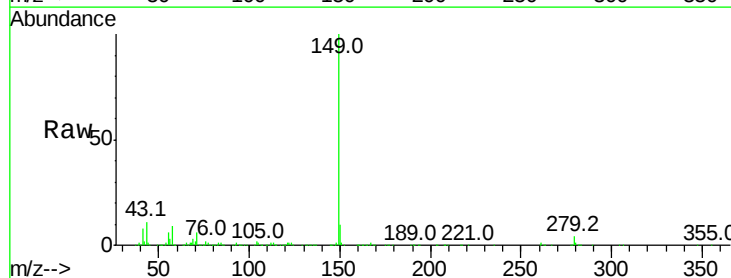
Instrument :
 BNA_F
 ClientSampleId :

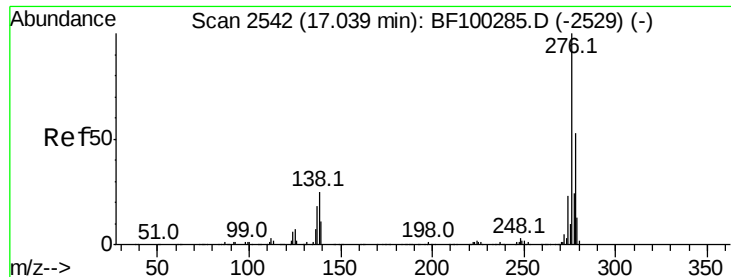
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.3	31.9
279	3.3	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 50.231 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.0	8.4	12.6

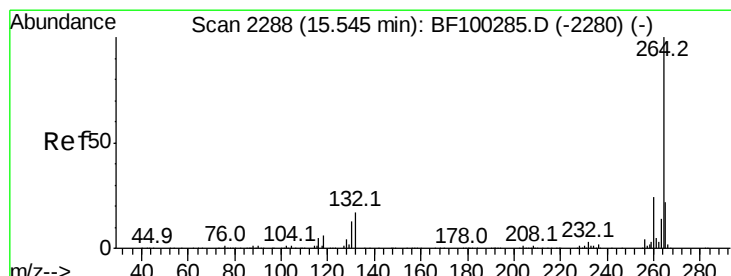
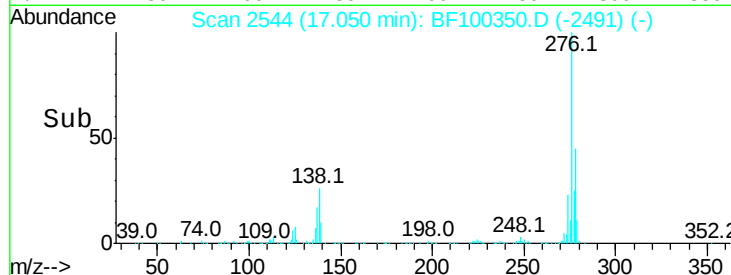
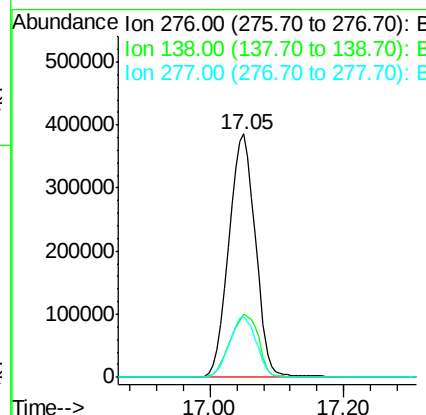
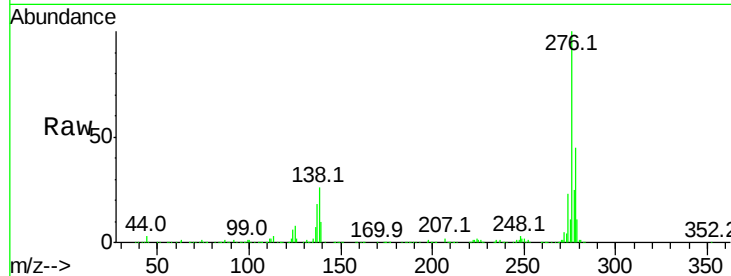




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.594 ng
 RT: 17.05 min Scan# 2544
 Delta R.T. 0.01 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

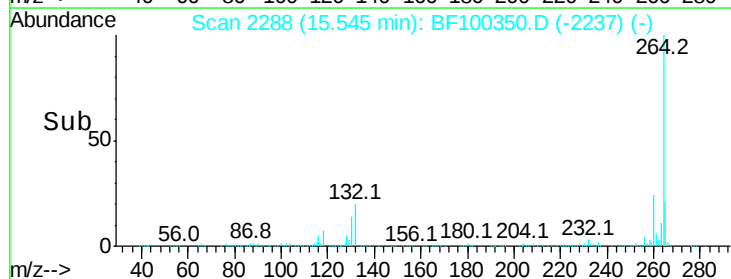
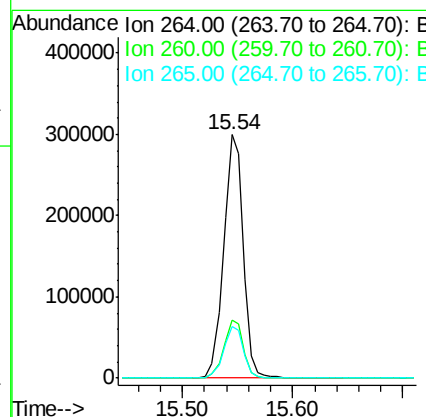
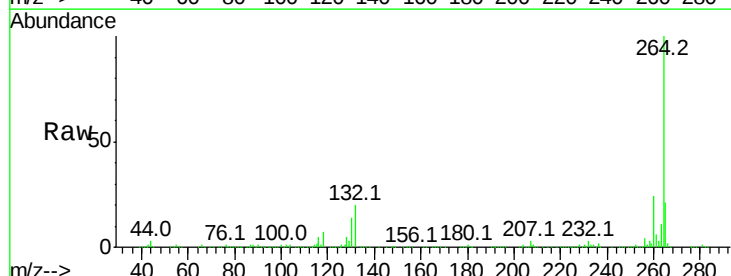
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 1087672
 Ion Ratio Lower Upper
 276 100
 138 27.8 25.0 37.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: BF100350.D
 Acq: 9 Nov 2017 19:41

Tgt Ion:264 Resp: 367931
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.5 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 47.756 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampled :

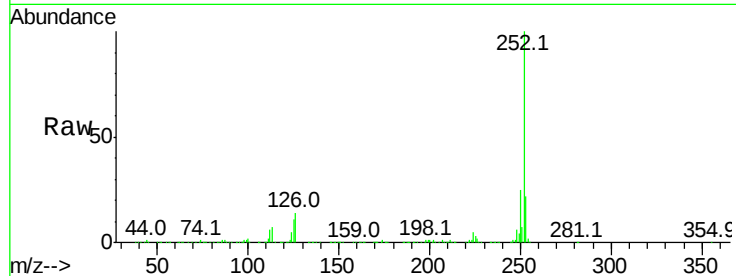
Tot Ion:252 Resp: 1040991

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

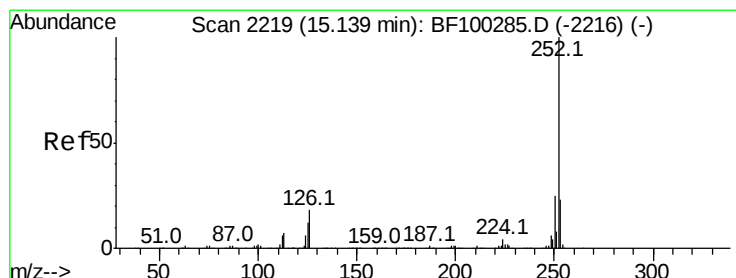
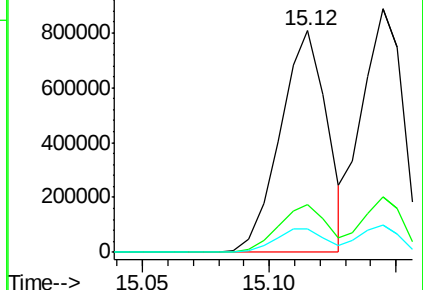
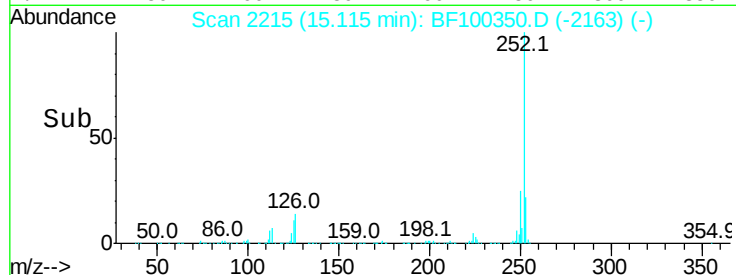
125 10.8 9.0 13.6



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: 49.032 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

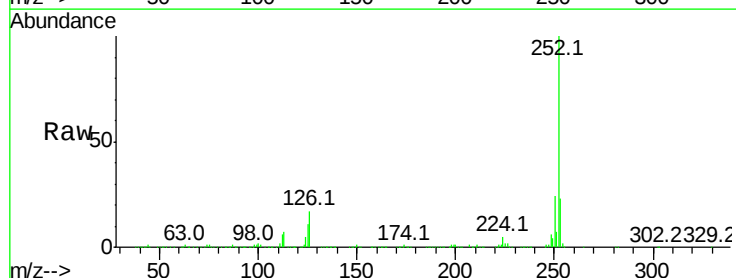
Tgt Ion:252 Resp: 1009867

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

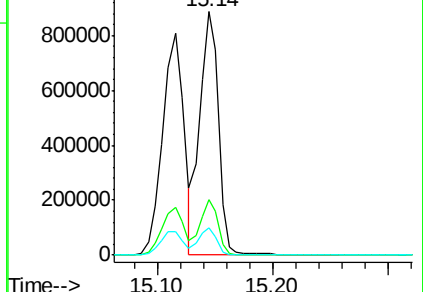
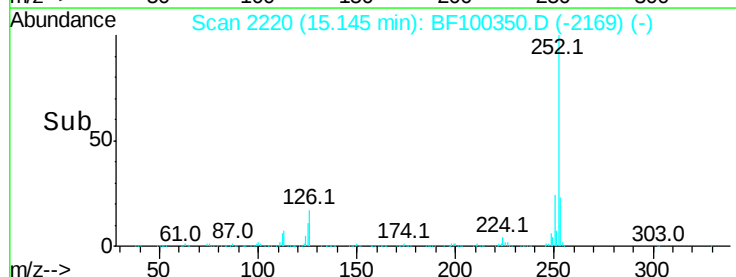
125 11.4 10.2 15.2

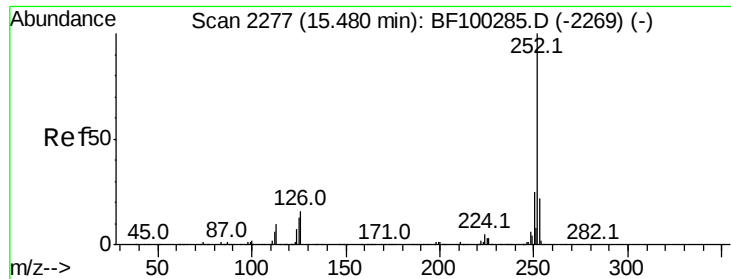


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

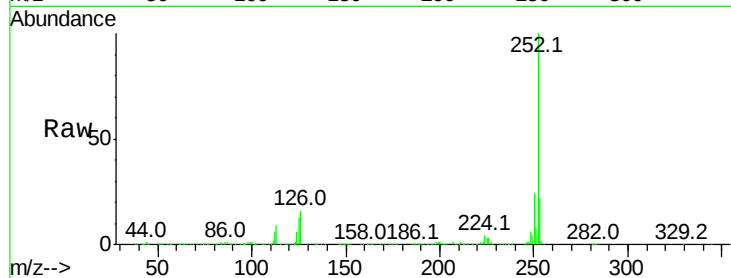




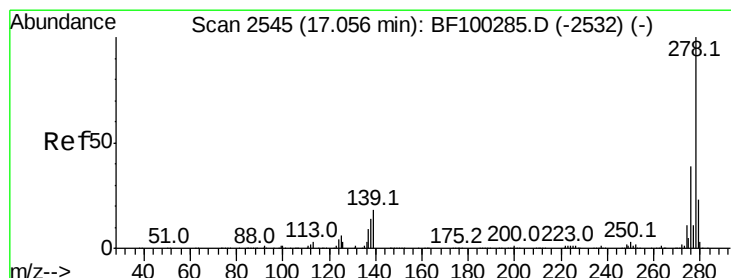
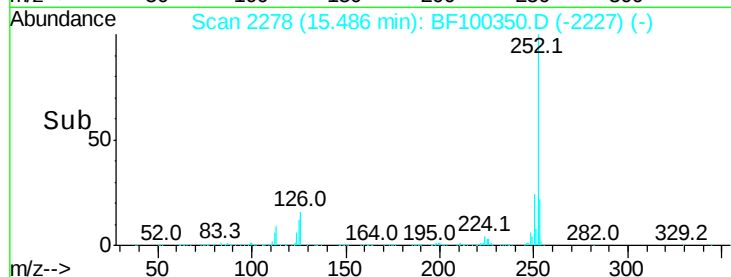
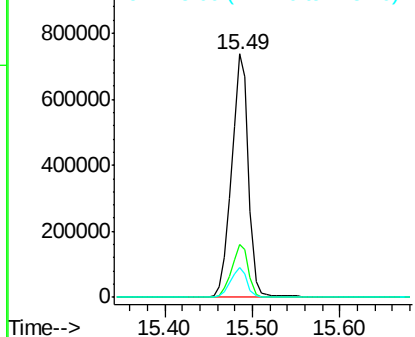
#89
Benzo(a)pyrene
Concen: 50.107 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 968308
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 12.5 9.8 14.6

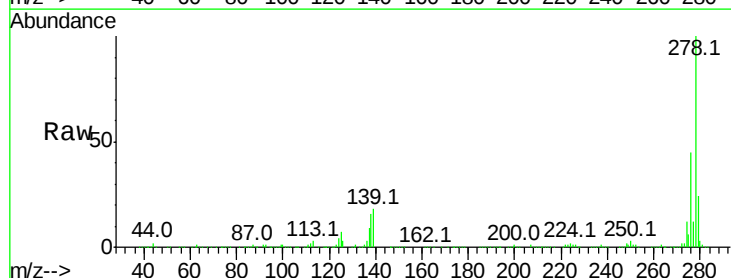


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

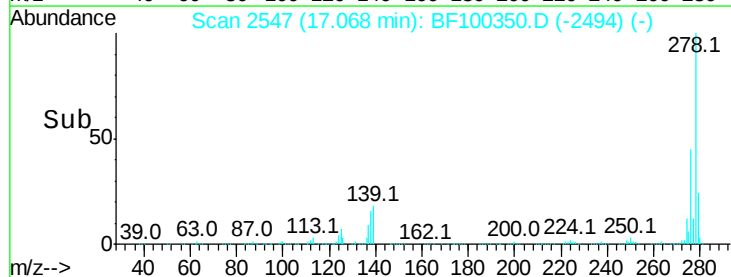
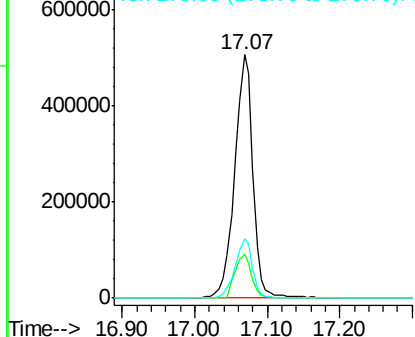


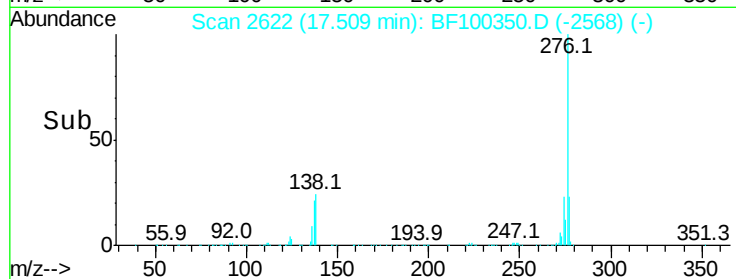
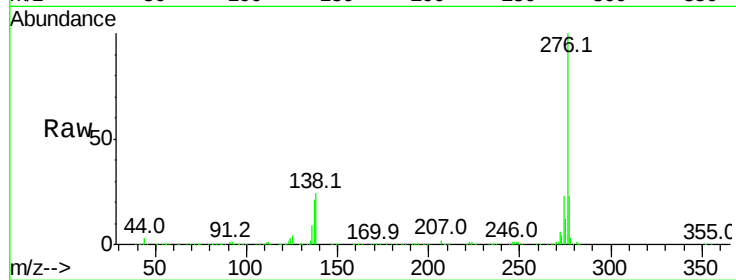
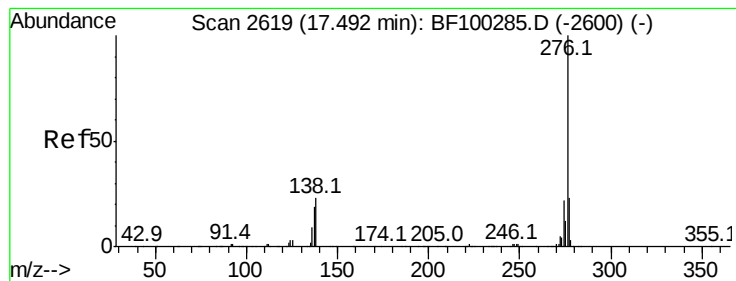
#90
Dibenzo(a,h)anthracene
Concen: 56.157 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF100350.D
Acq: 9 Nov 2017 19:41

Tgt Ion:278 Resp: 887495
Ion Ratio Lower Upper
278 100
139 18.1 15.9 23.9
279 24.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 61.068 ng

RT: 17.51 min Scan# 2622

Delta R.T. 0.02 min

Lab File: BF100350.D

Acq: 9 Nov 2017 19:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 944733

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 23.9 21.8 32.8

