

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100858.D
 Acq On : 23 Nov 2017 7:35
 Operator : SJ/JU
 Sample : PB104490BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:49:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	78568	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	308665	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	141026	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	249390	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	149013	20.00	ng	-0.02
86) Perylene-d12	15.50	264	165961	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	402571	82.13	ng	0.00
7) Phenol-d6	6.49	99	491814	81.37	ng	-0.02
23) Nitrobenzene-d5	7.43	82	451522	96.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	127914	89.01	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	913870	98.67	ng	-0.02
78) Terphenyl-d14	12.97	244	614138	94.70	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	80460	33.685	ng	96
3) Pyridine	3.48	79	235605	36.154	ng	94
4) n-Nitrosodimethylamine	3.45	42	117686	37.196	ng	# 96
6) Aniline	6.53	93	191426	22.419	ng	97
8) 2-Chlorophenol	6.65	128	246582	47.555	ng	95
9) Benzaldehyde	6.41	77	56769	13.152	ng	94
10) Phenol	6.51	94	296939	46.799	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	221470	41.556	ng	99
12) 1,3-Dichlorobenzene	6.88	146	279281	46.718	ng	97
13) 1,4-Dichlorobenzene	6.88	146	279281	46.158	ng	96
14) 1,2-Dichlorobenzene	7.03	146	262024	46.838	ng	97
15) Benzyl Alcohol	7.00	79	206943	43.871	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	377904	44.335	ng	99
17) 2-Methylphenol	7.12	107	209403	47.258	ng	98
18) Hexachloroethane	7.37	117	86946	43.583	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	167191	39.888	ng	96
20) 3+4-Methylphenols	7.27	107	251710	44.891	ng	# 79
22) Acetophenone	7.27	105	324296	43.086	ng	# 94
24) Nitrobenzene	7.45	77	248588	51.732	ng	98
25) Isophorone	7.69	82	456034	46.482	ng	99
26) 2-Nitrophenol	7.76	139	133073	57.825	ng	91
27) 2,4-Dimethylphenol	7.80	122	231201	52.569	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	290497	45.266	ng	98
29) 2,4-Dichlorophenol	8.00	162	220317	52.474	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	225939	49.749	ng	94
31) Naphthalene	8.17	128	710947	47.821	ng	99
32) Benzoic acid	7.93	122	116198	37.137	ng	97
33) 4-Chloroaniline	8.21	127	78692	12.716	ng	99
34) Hexachlorobutadiene	8.28	225	132998	49.253	ng	99
35) Caprolactam	8.60	113	45919	31.869	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	221656	49.155	ng	98
37) 2-Methylnaphthalene	8.86	142	489463	49.590	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	229192	49.003	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	93610	42.525	ng	99

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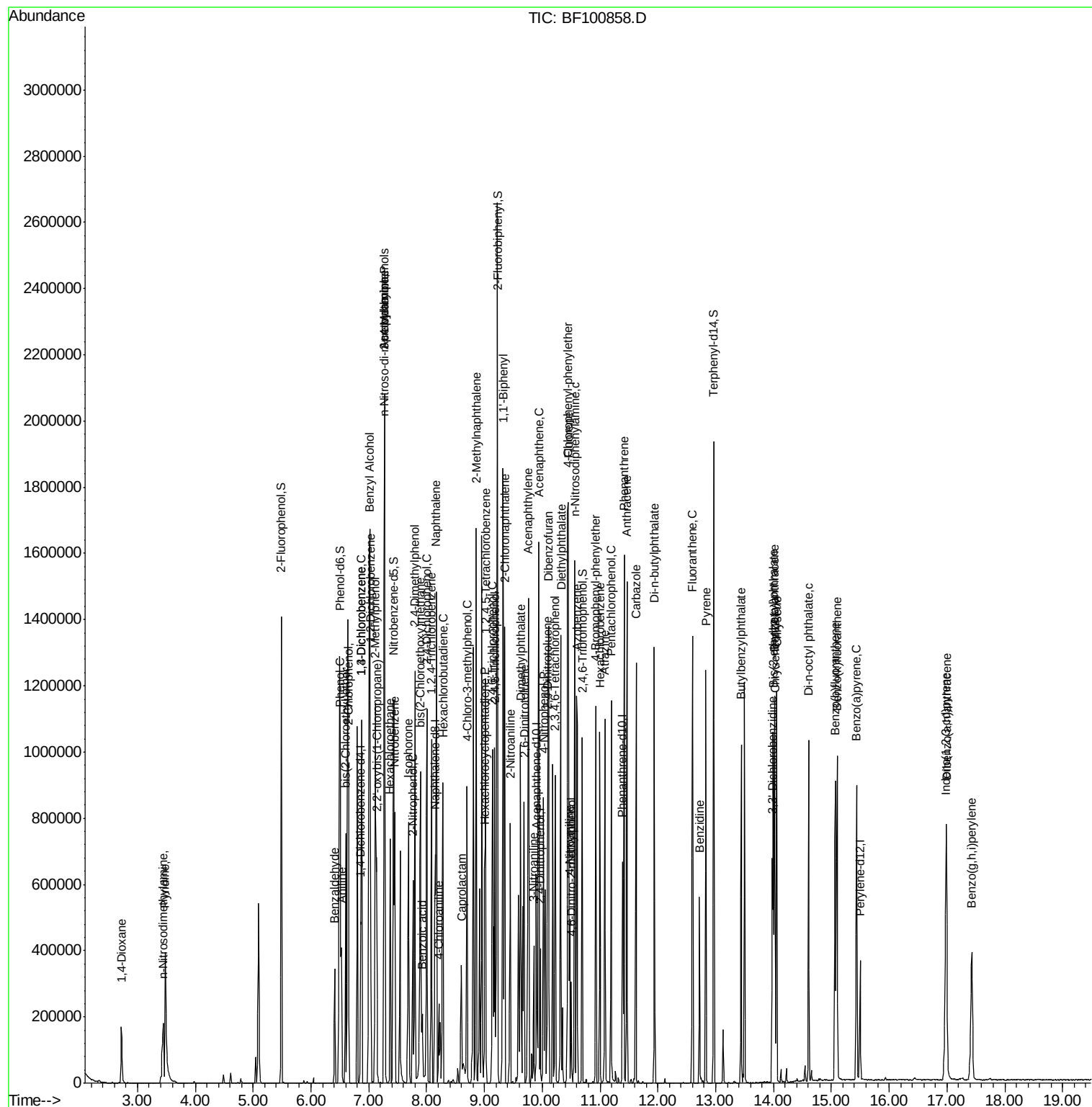
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	161143	54.361	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	164329	53.506	nq	94
45) 1,1'-Biphenyl	9.32	154	581242	47.653	nq	99
46) 2-Chloronaphthalene	9.35	162	450614	50.924	nq	96
47) 2-Nitroaniline	9.45	65	131864	50.292	nq	99
48) Acenaphthylene	9.76	152	686786	46.834	nq	100
49) Dimethylphthalate	9.63	163	537887	49.955	nq	98
50) 2,6-Dinitrotoluene	9.69	165	117986	55.357	nq	95
51) Acenaphthene	9.94	154	406799	45.613	nq	99
52) 3-Nitroaniline	9.86	138	69818	27.741	nq	90
53) 2,4-Dinitrophenol	9.96	184	51683	62.451	nq #	16
54) Dibenzofuran	10.11	168	595908	47.673	nq	98
55) 4-Nitrophenol	10.02	139	159615	78.104	nq	96
56) 2,4-Dinitrotoluene	10.09	165	149232	55.501	nq	94
57) Fluorene	10.45	166	459186	50.146	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	124430	49.434	nq #	87
59) Diethylphthalate	10.32	149	508390	47.181	nq	96
60) 4-Chlorophenyl-phenylether	10.44	204	227366	50.615	nq	94
61) 4-Nitroaniline	10.47	138	100494	42.109	nq	88
62) Azobenzene	10.60	77	440294	43.385	nq	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	40304	34.863	nq	85
65) n-Nitrosodiphenylamine	10.56	169	436611	50.350	nq	95
66) 4-Bromophenyl-phenylether	10.93	248	144997	54.236	nq	90
67) Hexachlorobenzene	11.00	284	148124	52.975	nq #	86
68) Atrazine	11.09	200	136392	51.961	nq	97
69) Pentachlorophenol	11.19	266	134485	67.076	nq	98
70) Phenanthrene	11.42	178	635807	48.421	nq	99
71) Anthracene	11.47	178	654312	49.116	nq	98
72) Carbazole	11.62	167	543065	44.180	nq	99
73) Di-n-butylphthalate	11.95	149	741804	51.569	nq #	98
74) Fluoranthene	12.60	202	562046	40.388	nq	97
76) Benzidine	12.72	184	234044	39.219	nq	97
77) Pyrene	12.83	202	548206	51.609	nq	99
79) Butylbenzylphthalate	13.44	149	228346	52.713	nq	94
80) Benzo(a)anthracene	14.02	228	459627	51.220	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	145333	45.203	nq #	98
82) Chrysene	14.06	228	438944	50.514	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	295528	51.870	nq	98
84) Di-n-octyl phthalate	14.61	149	481613	49.205	nq	98
85) Indeno(1,2,3-cd)pyrene	16.98	276	441692	62.842	nq	94
87) Benzo(b)fluoranthene	15.07	252	457157	46.495	nq	98
88) Benzo(k)fluoranthene	15.10	252	463341	49.875	nq	98
89) Benzo(a)pyrene	15.44	252	453693	52.049	nq	99
90) Dibenzo(a,h)anthracene	17.00	278	375081	52.616	nq	96
91) Benzo(g,h,i)perylene	17.43	276	350915	50.288	nq #	93

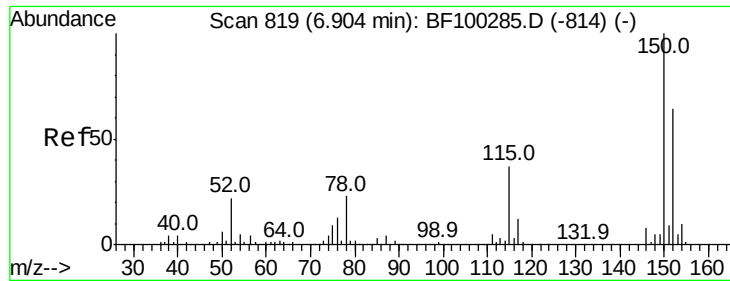
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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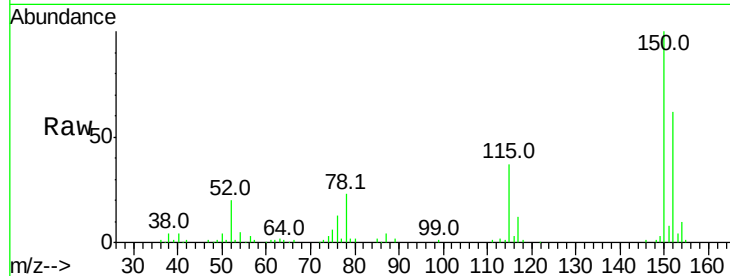


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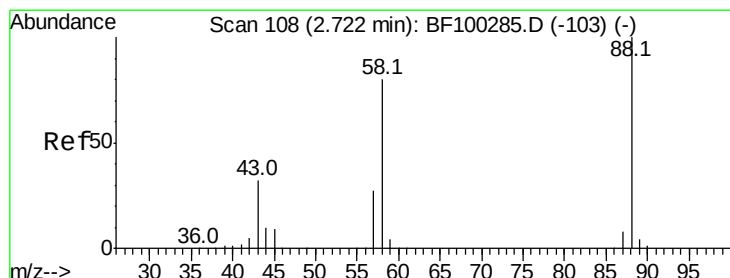
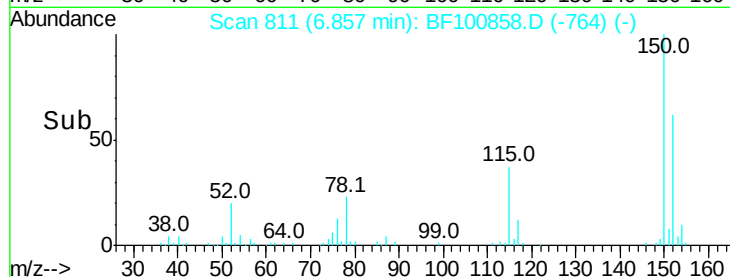
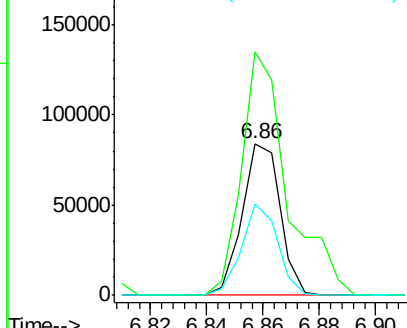
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78568
Ion Ratio Lower Upper
152 100
150 160.6 124.6 186.8
115 60.0 50.1 75.1



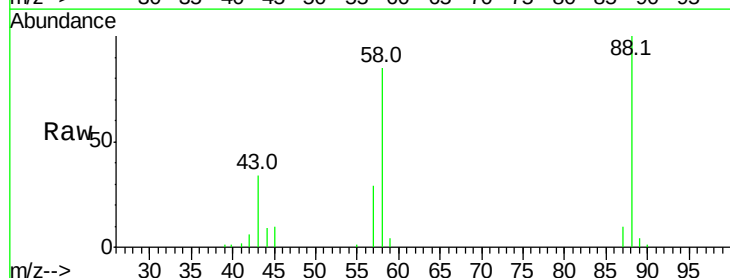
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



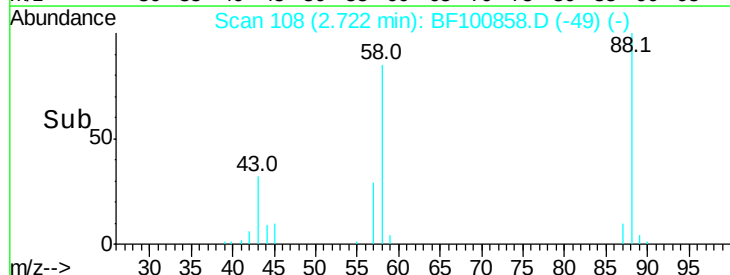
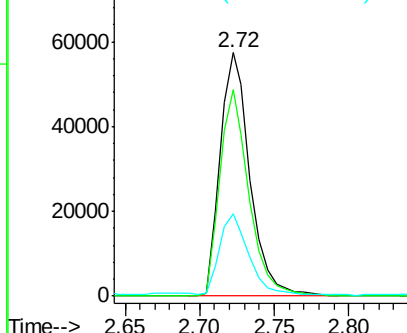
#2

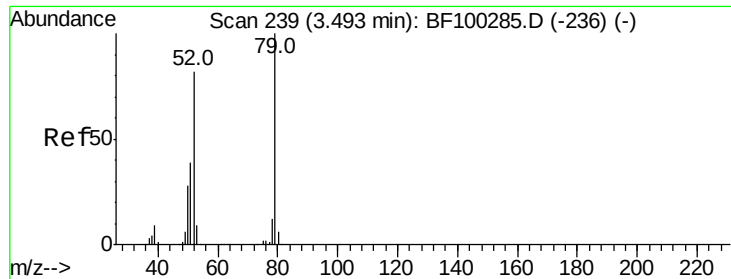
1,4-Dioxane
Concen: 33.685 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.05 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion: 88 Resp: 80460
Ion Ratio Lower Upper
88 100
58 82.6 62.6 93.8
43 31.8 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

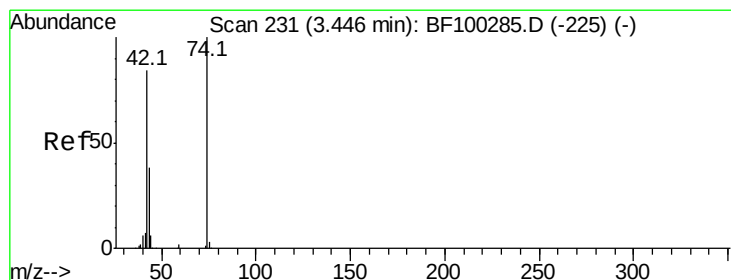
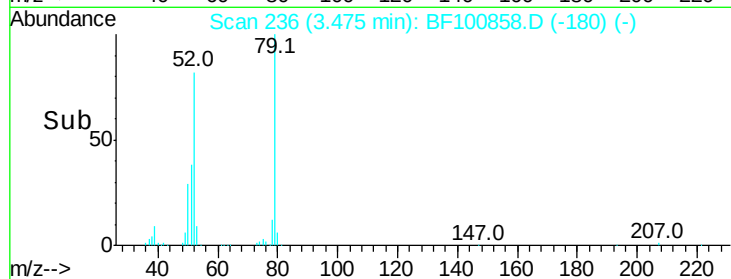
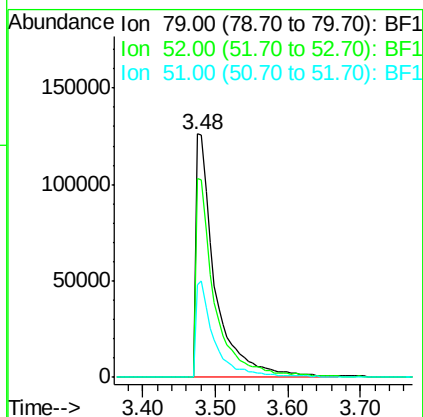
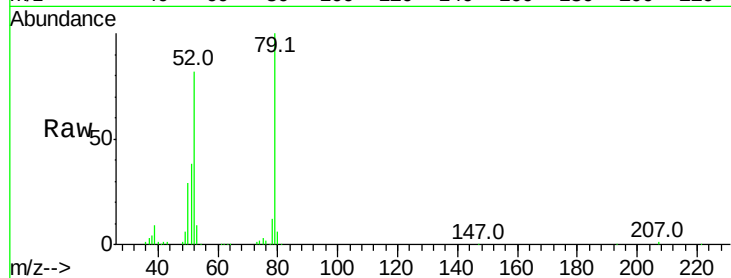




#3
 Pvridine
 Concen: 36.154 ng
 RT: 3.48 min Scan# 236
 Delta R.T. 0.03 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

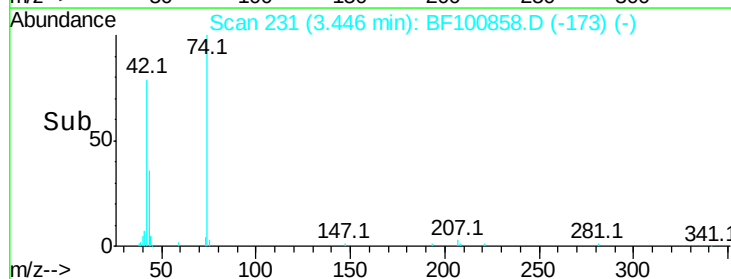
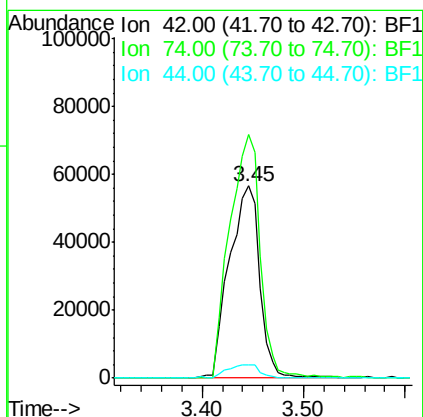
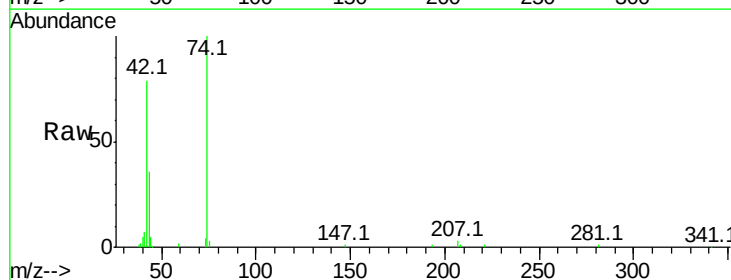
Instrument :
 BNA_F
 ClientSampleId :

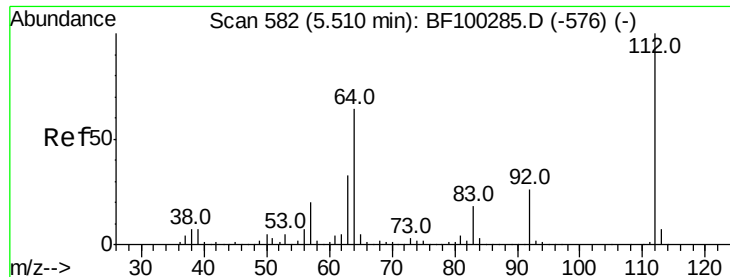
Tot Ion: 79 Resp: 235605
 Ion Ratio Lower Upper
 79 100
 52 81.6 59.8 89.6
 51 38.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.196 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.04 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion: 42 Resp: 117686
 Ion Ratio Lower Upper
 42 100
 74 126.8 104.9 157.3
 44 6.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 82.135 ng

RT: 5.49 min Scan# 578

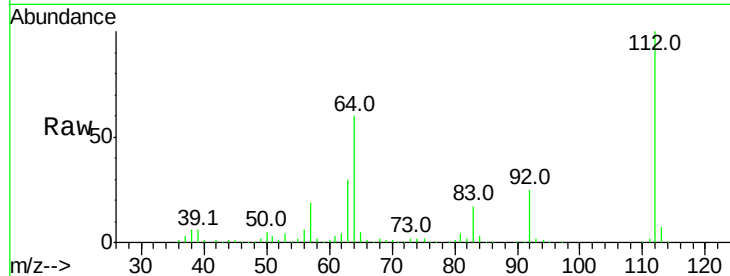
Delta R.T. -0.01 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :
BNA_F
ClientSampleId :

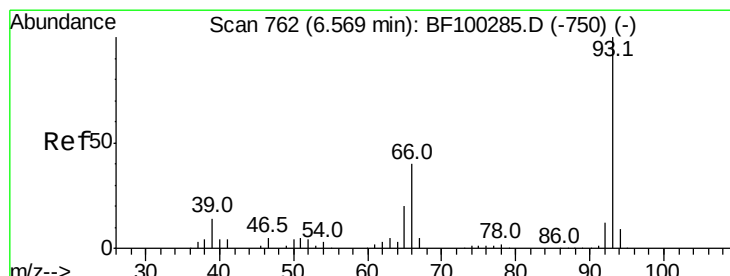
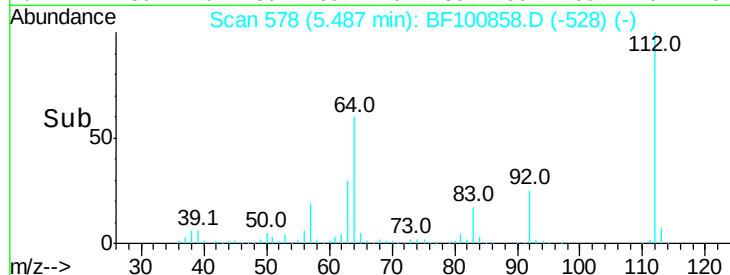
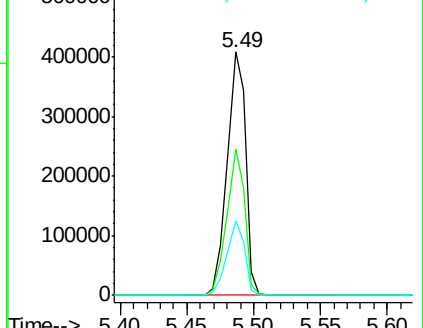
Tot Ion:	112	Resp:	402571
Ion	Ratio	Lower	Upper
112	100		
64	60.3	47.9	71.9
63	30.5	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.419 ng

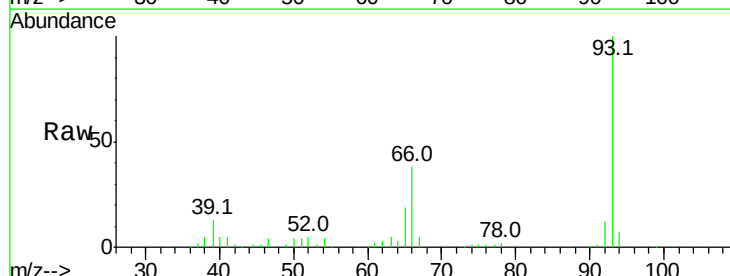
RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

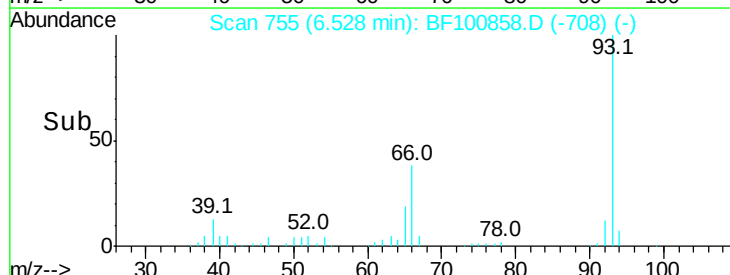
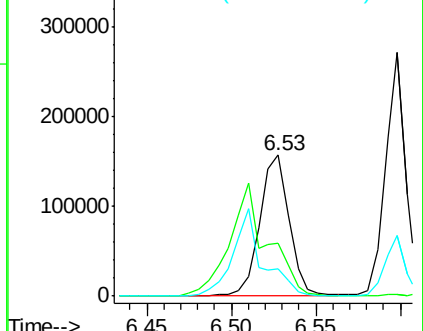
Tgt Ion:	93	Resp:	191426
Ion	Ratio	Lower	Upper
93	100		
66	37.9	32.2	48.2
65	19.2	16.4	24.6

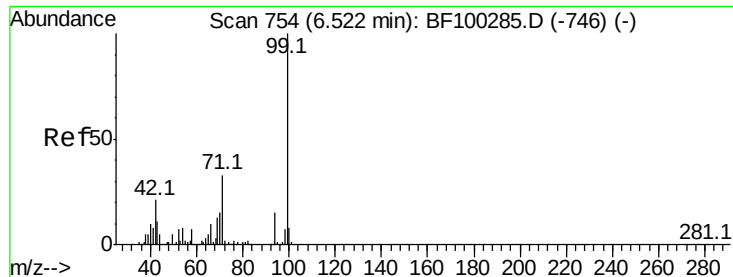


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.372 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampled :

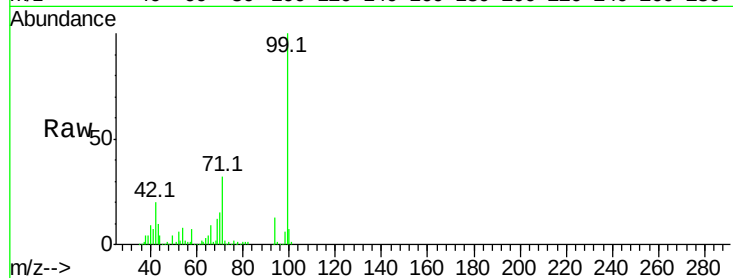
Tot Ion: 99 Resp: 491814

Ion Ratio Lower Upper

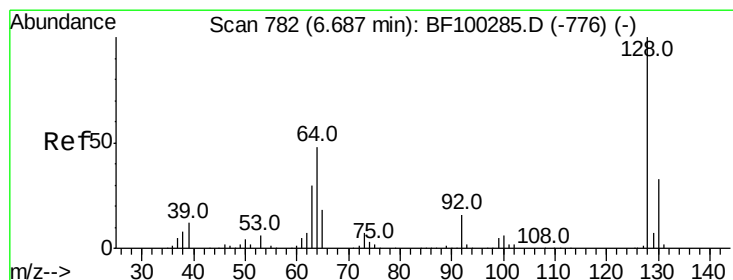
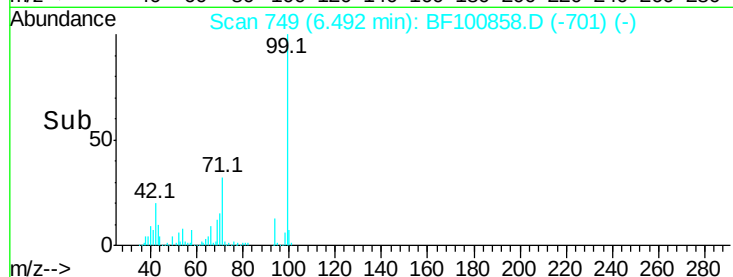
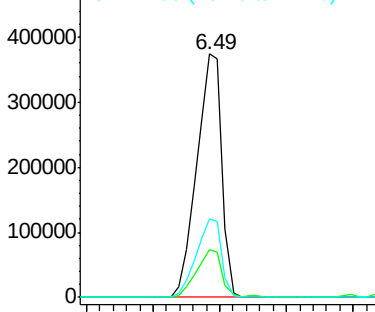
99 100

42 19.9 14.5 21.7

71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.555 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

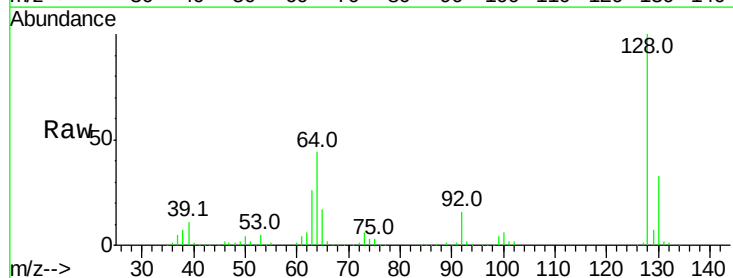
Tgt Ion: 128 Resp: 246582

Ion Ratio Lower Upper

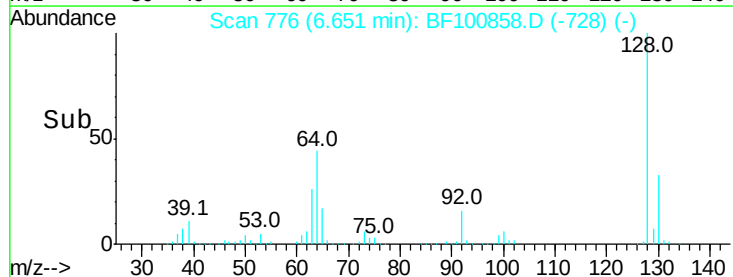
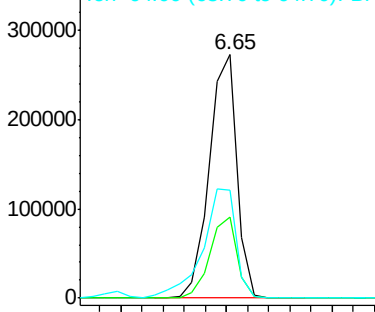
128 100

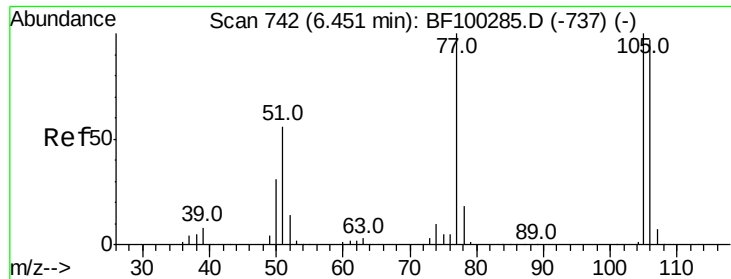
130 33.2 13.0 53.0

64 44.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

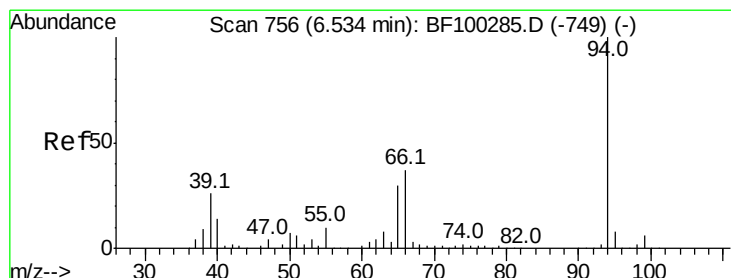
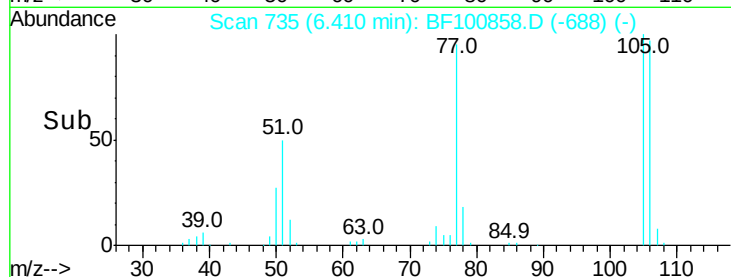
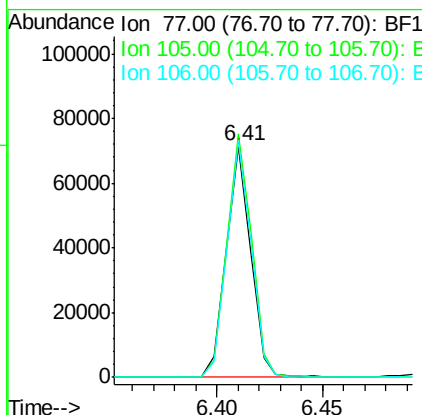
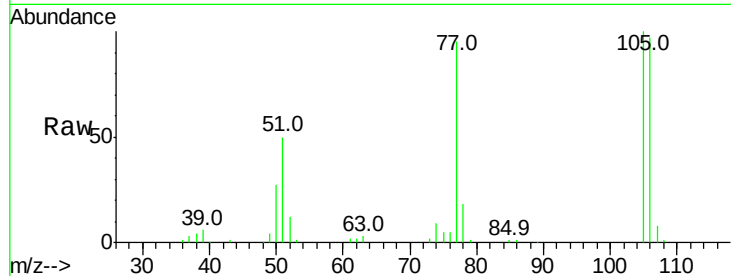




#9
Benzaldehyde
Concen: 13.152 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.02 min
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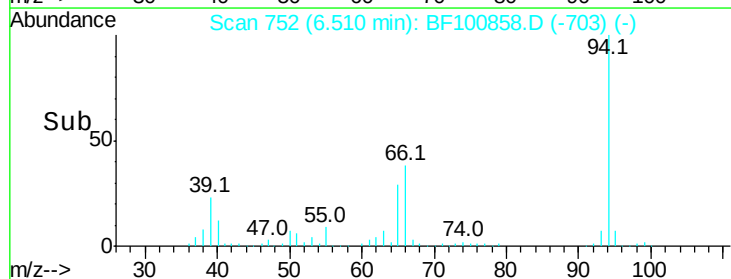
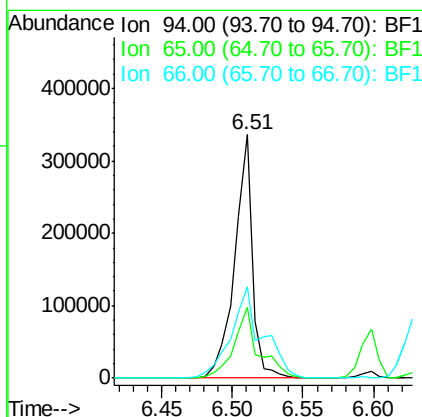
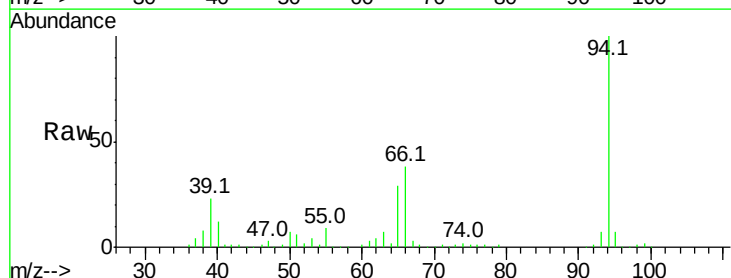
Instrument :
BNA_F
ClientSampled :

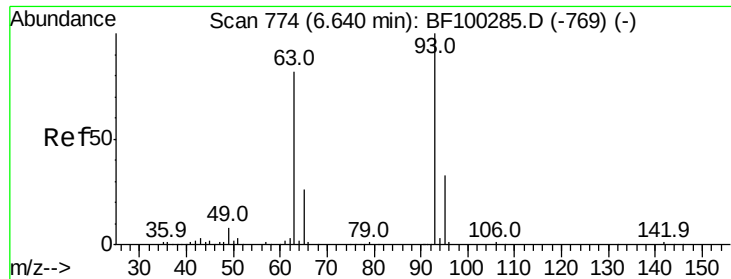
Tot Ion: 77 Resp: 56769
Ion Ratio Lower Upper
77 100
105 105.3 81.1 121.1
106 102.3 74.5 114.5



#10
Phenol
Concen: 46.799 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion: 94 Resp: 296939
Ion Ratio Lower Upper
94 100
65 28.9 7.9 47.9
66 37.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.556 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

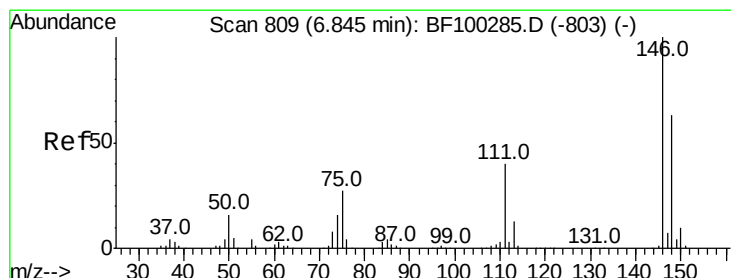
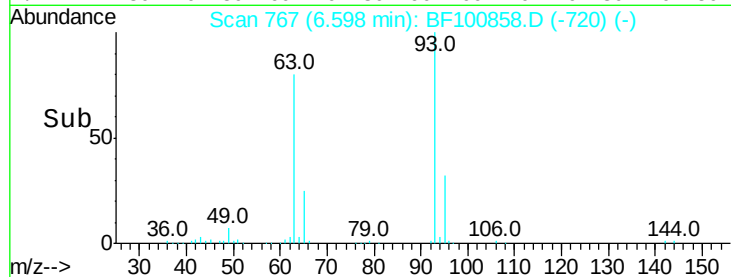
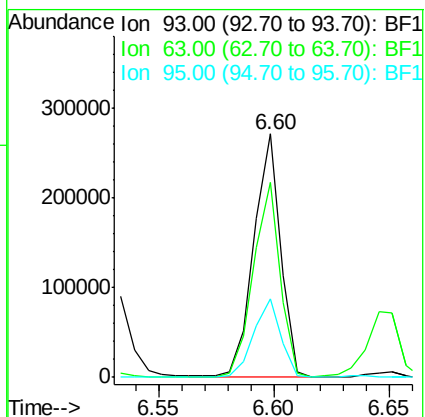
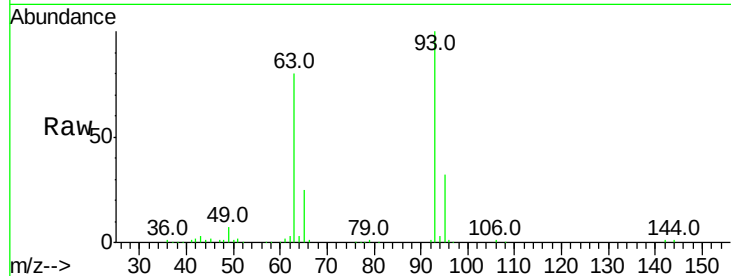
Tot Ion: 93 Resp: 221470

Ion Ratio Lower Upper

93 100

63 80.0 58.6 98.6

95 32.4 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 46.718 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.06 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

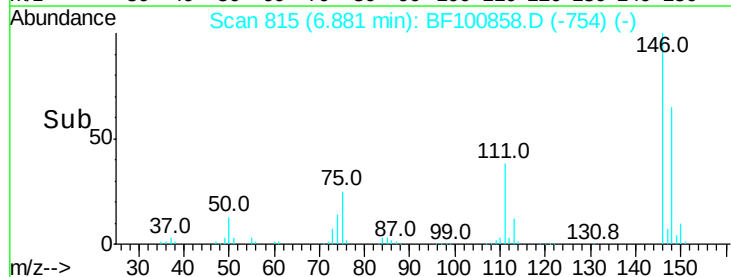
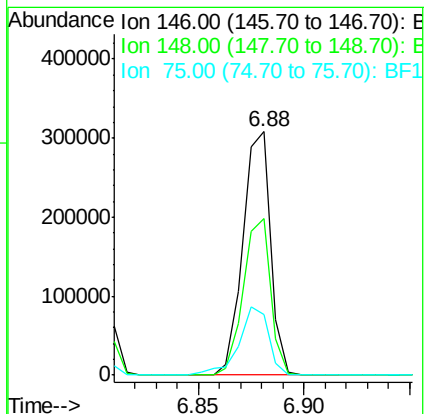
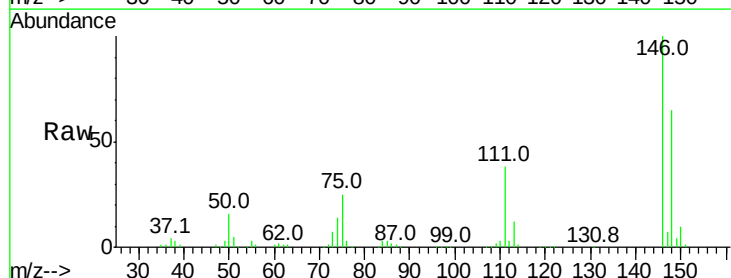
Tgt Ion: 146 Resp: 279281

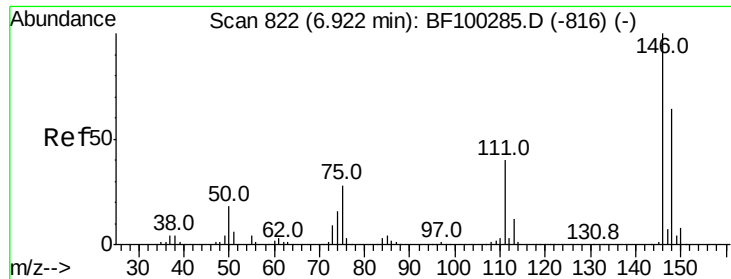
Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.8

75 25.1 24.2 36.4

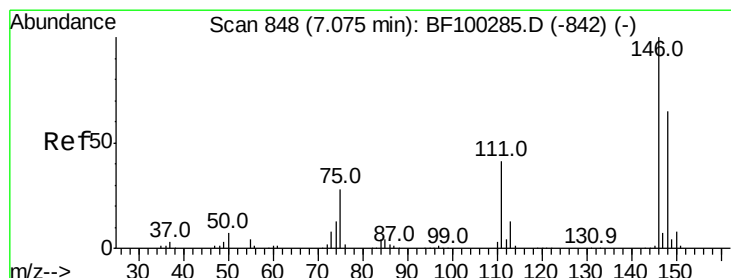
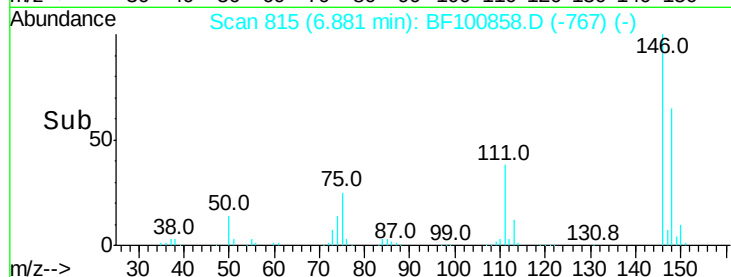
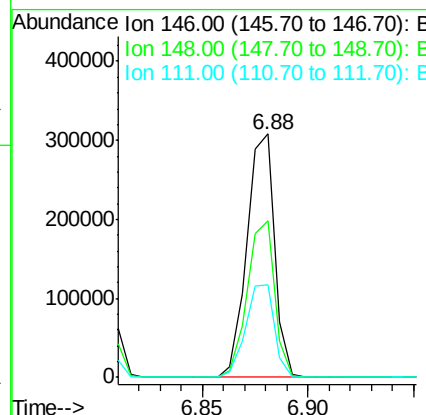
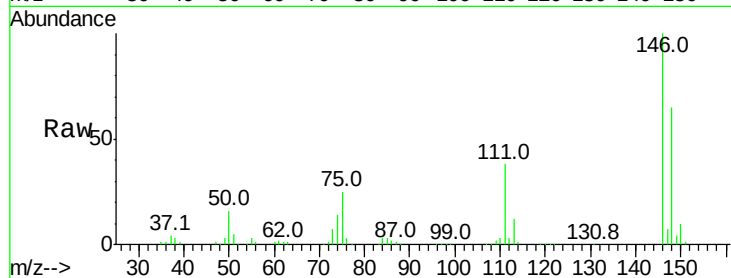




#13
 1,4-Dichlorobenzene
 Concen: 46.158 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

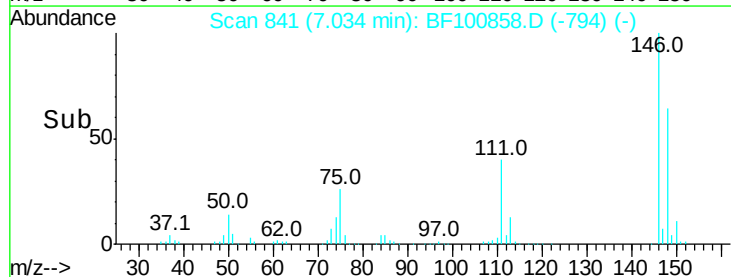
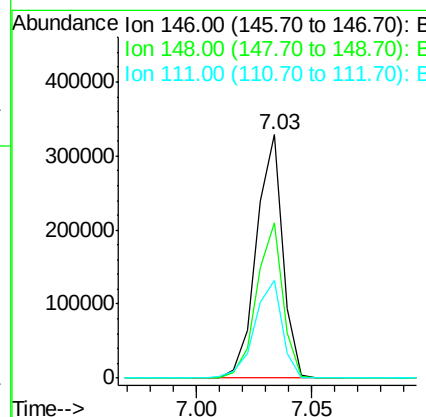
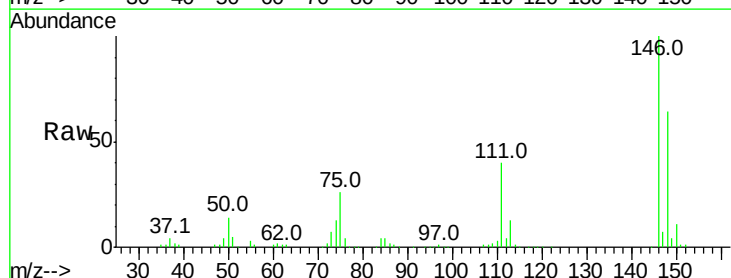
Instrument :
 BNA_F
 ClientSampleId :

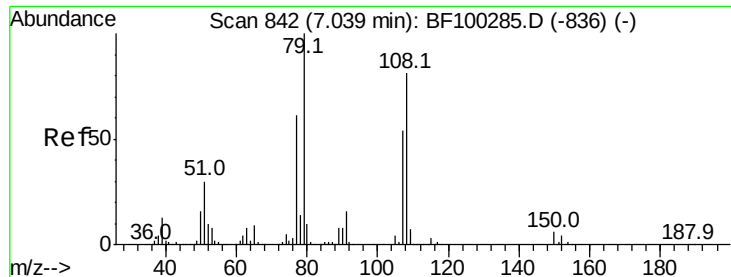
Tot Ion:146 Resp: 279281
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 37.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 46.838 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion:146 Resp: 262024
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 40.4 36.0 54.0

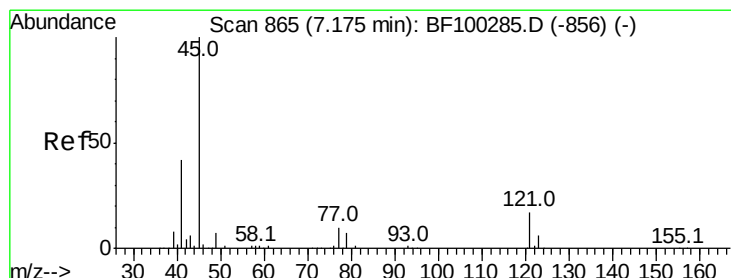
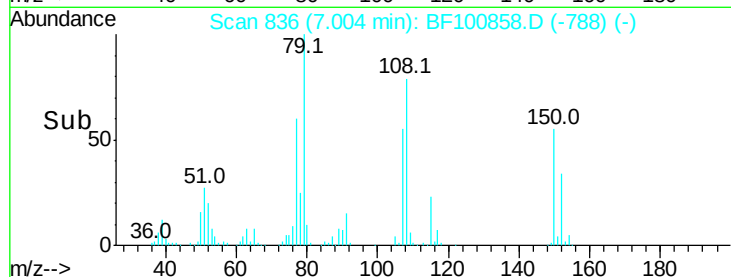
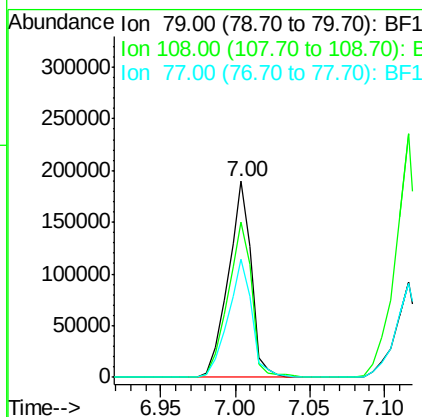
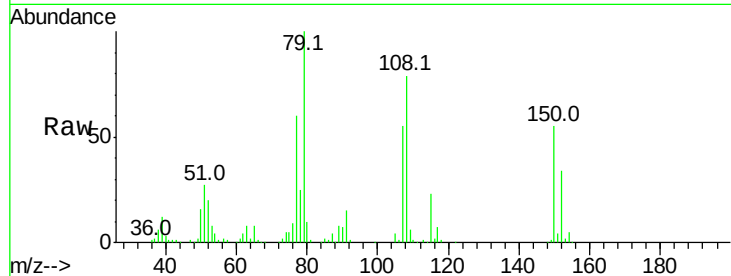




#15
Benzyl Alcohol
Concen: 43.871 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

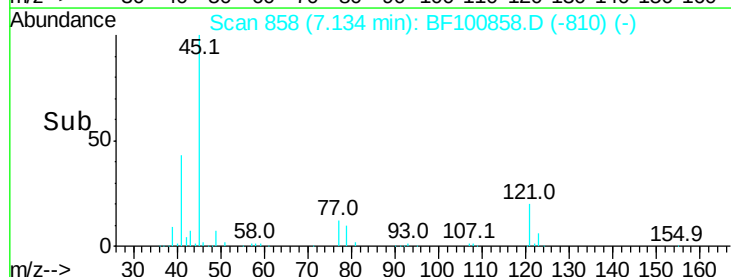
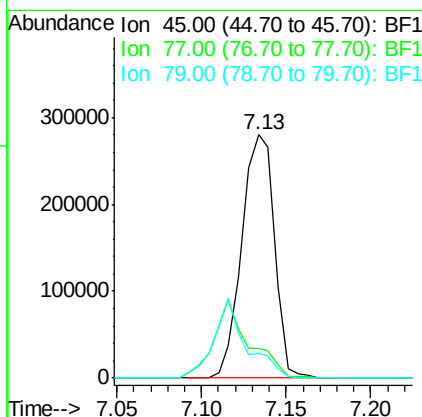
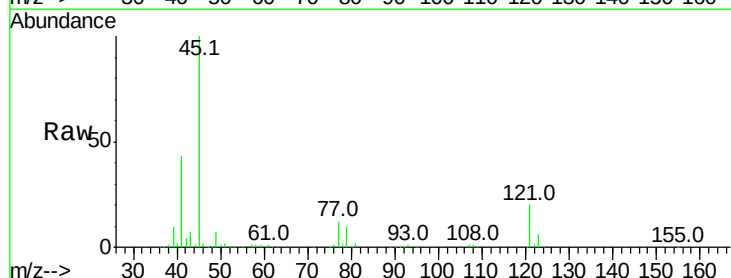
Instrument :
BNA_F
ClientSampleId :

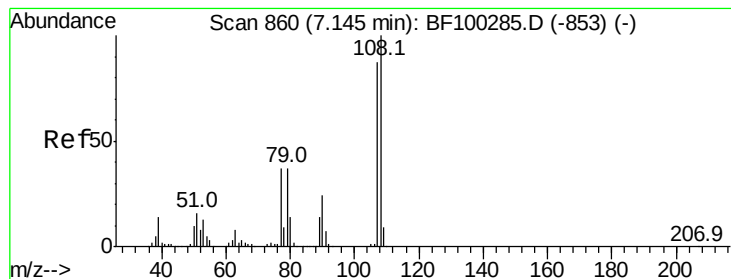
Tot Ion: 79 Resp: 206943
Ion Ratio Lower Upper
79 100
108 79.5 65.1 97.7
77 60.4 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.335 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion: 45 Resp: 377904
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.9
79 9.9 0.0 29.6

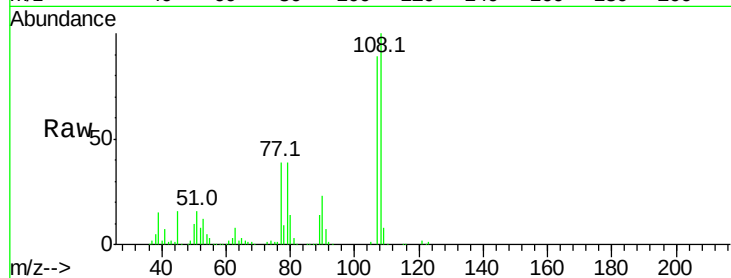




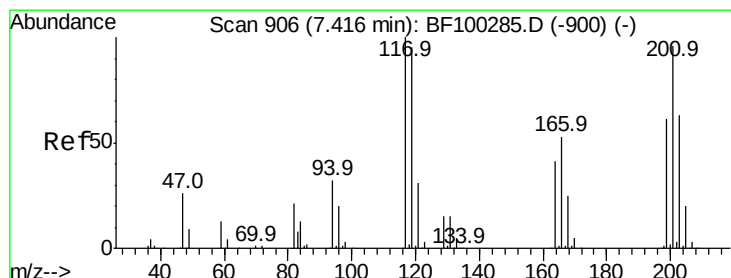
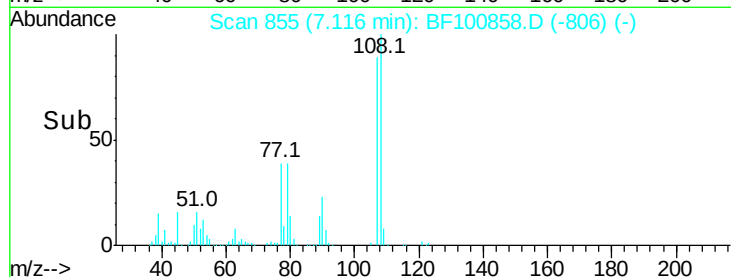
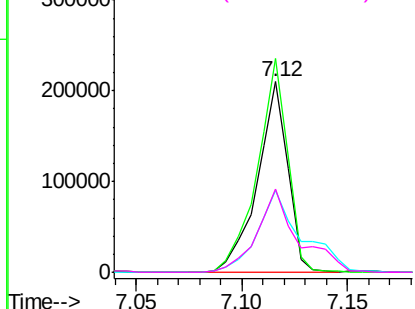
#17
2-Methylphenol
Concen: 47.258 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 209403
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 43.4 33.8 50.8
79 43.6 33.8 50.8

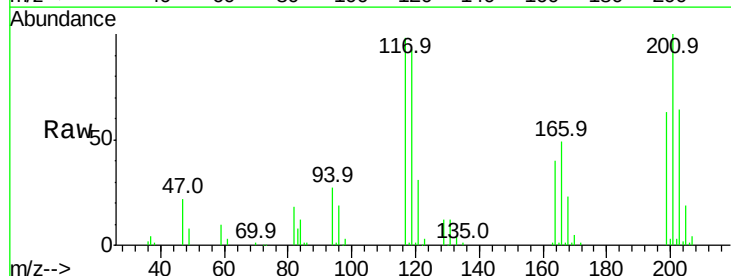


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

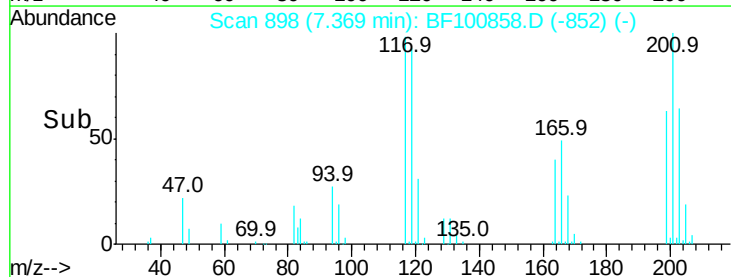
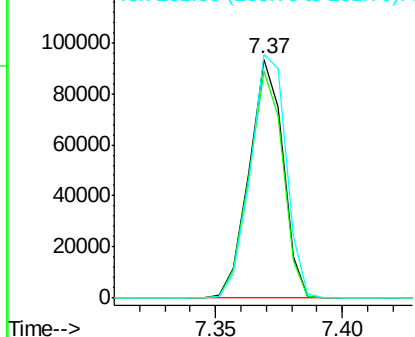


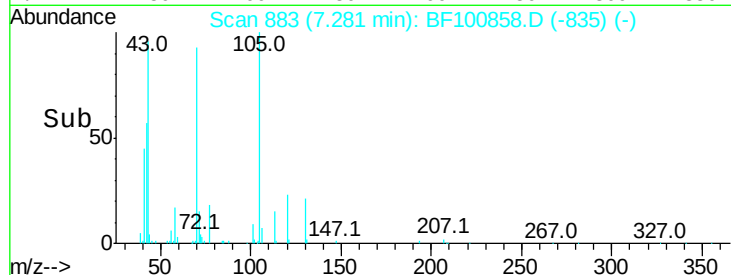
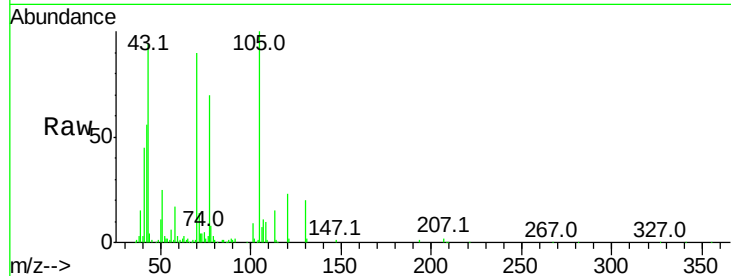
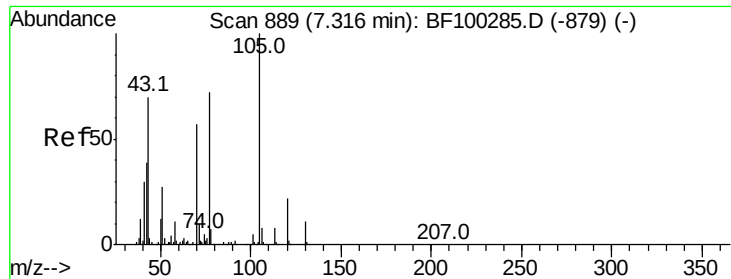
#18
Hexachloroethane
Concen: 43.583 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.03 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion:117 Resp: 86946
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
201 101.9 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

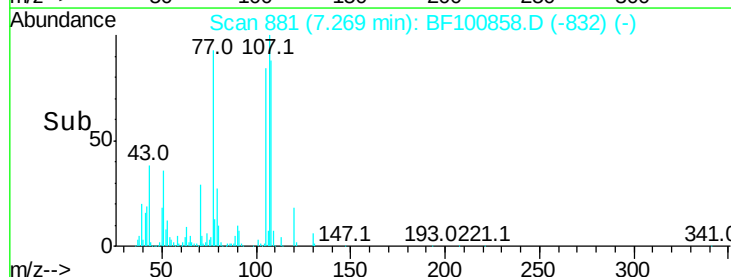
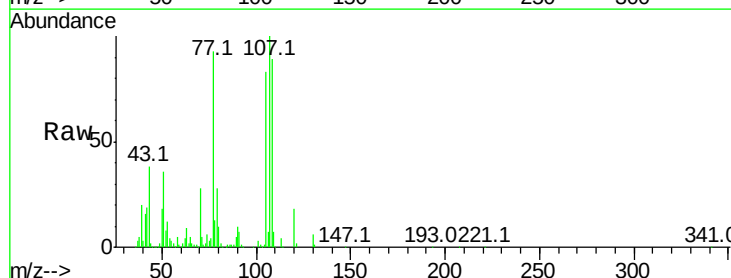
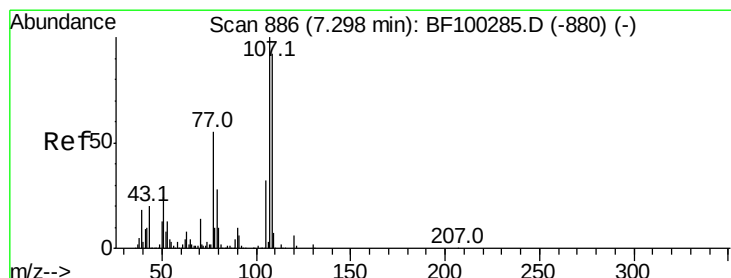
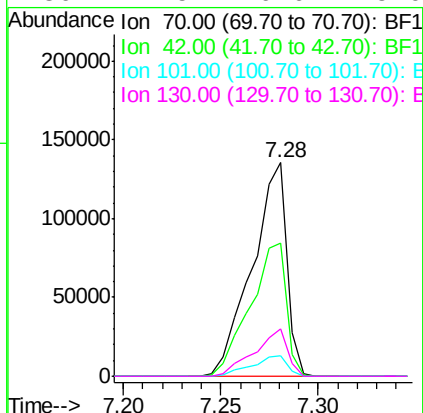




#19
n-Nitroso-di-n-propylamine
Concen: 39.888 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

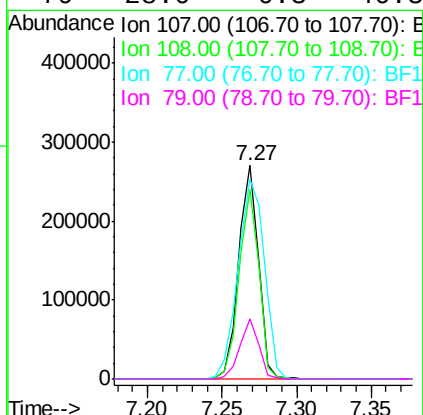
Instrument :
BNA_F
ClientSampleId :

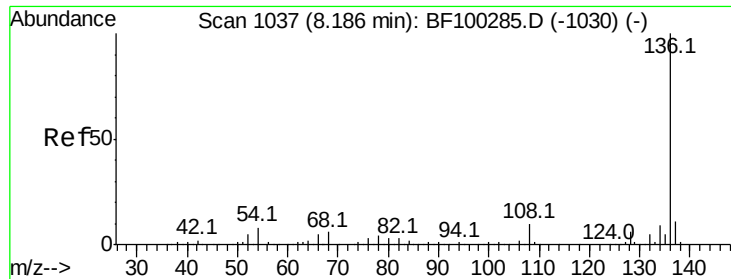
Tot Ion: 70 Resp: 167191
Ion Ratio Lower Upper
70 100
42 62.4 47.5 71.3
101 9.9 7.4 11.2
130 22.5 16.6 25.0



#20
3+4-Methylphenols
Concen: 44.891 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion: 107 Resp: 251710
Ion Ratio Lower Upper
107 100
108 88.6 68.2 108.2
77 93.4 26.7 66.7#
79 28.0 6.3 46.3

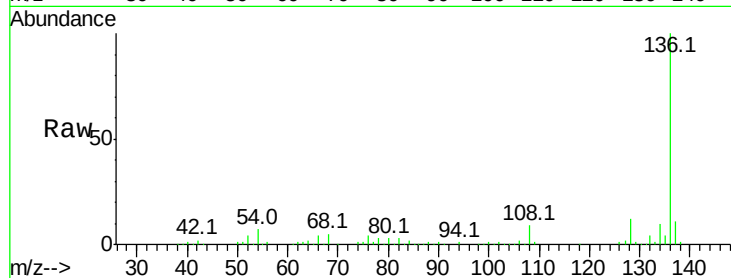




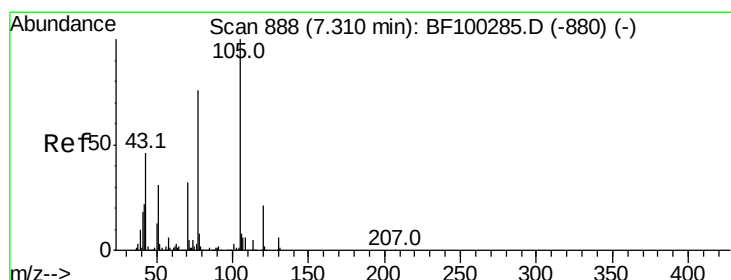
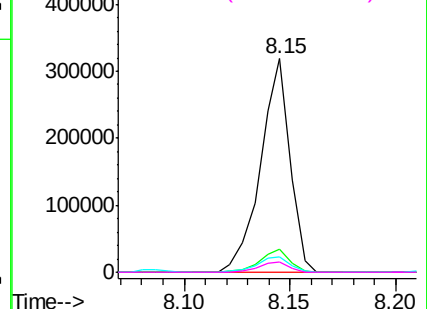
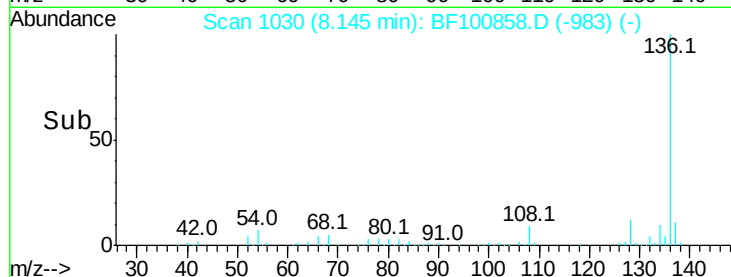
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	308665
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	7.4	6.6 9.8
68	5.0	5.0 7.4

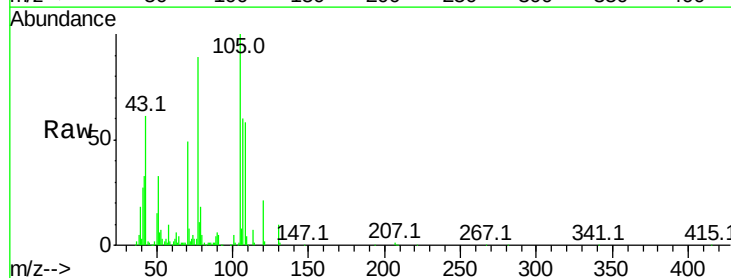


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

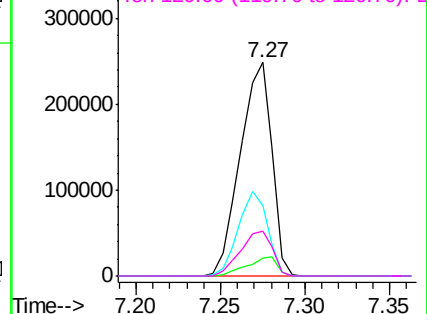
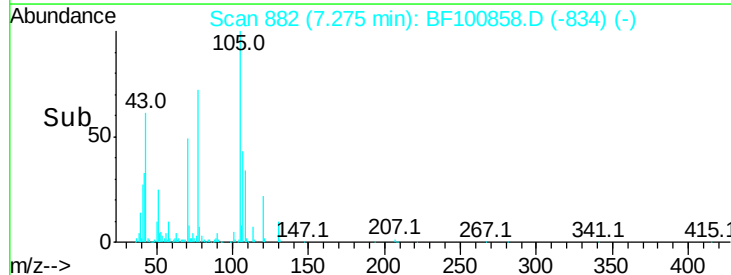


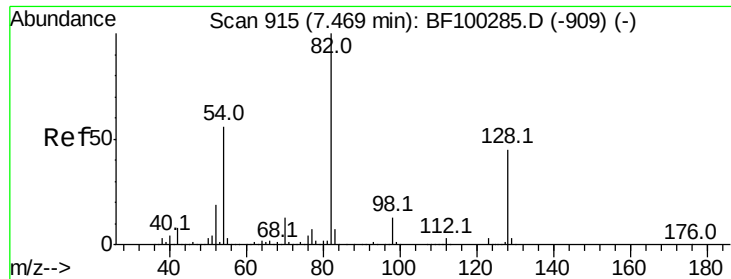
#22
Acetophenone
Concen: 43.086 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion:105	Resp:	324296
Ion Ratio	Lower	Upper
105	100	
71	8.3	4.4 6.6#
51	33.1	22.3 33.5
120	21.3	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

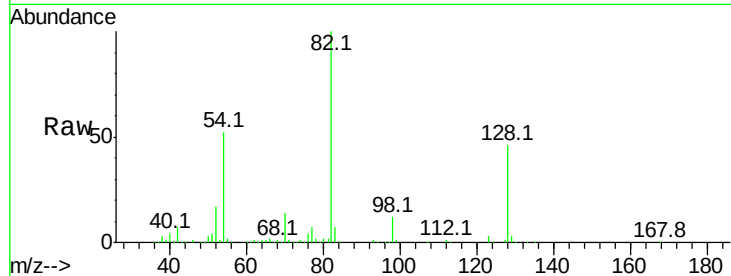




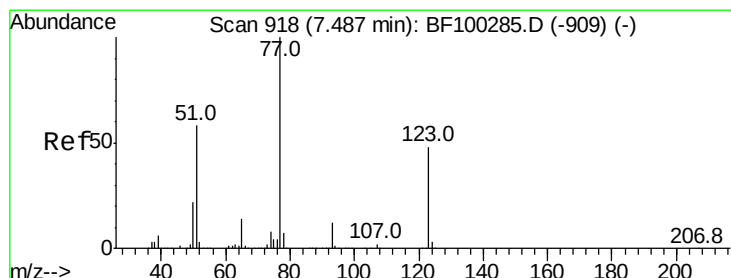
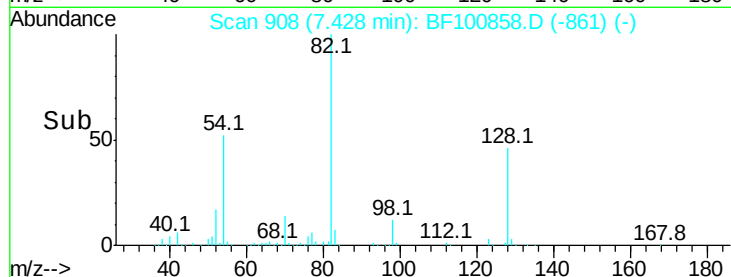
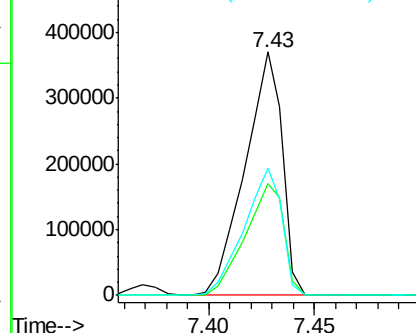
#23
 Nitrobenzene-d5
 Concen: 96.712 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	451522
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	52.3	41.4	62.2

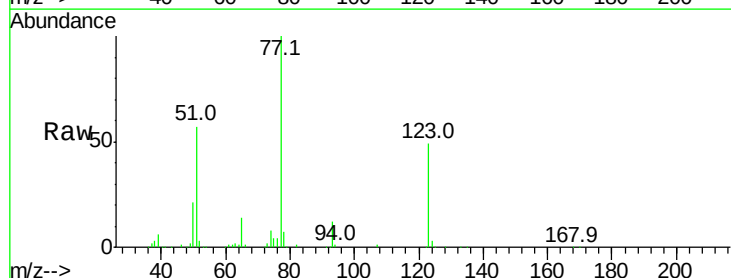


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

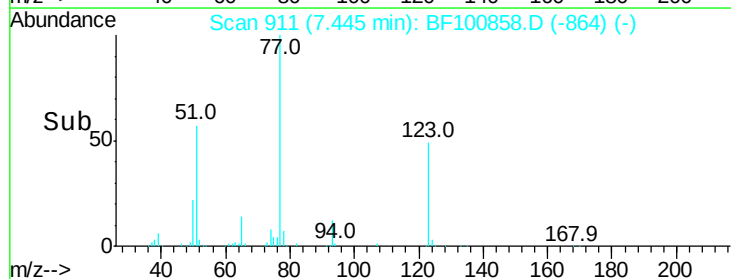
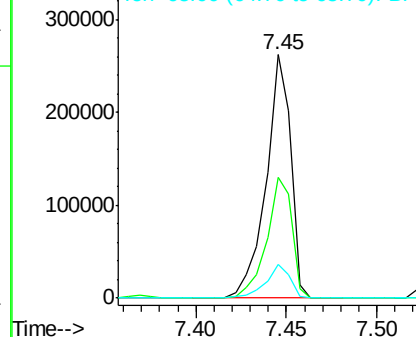


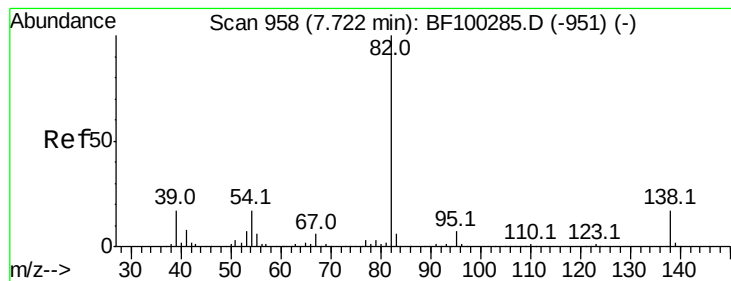
#24
 Nitrobenzene
 Concen: 51.732 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion	77	Resp	248588
Ion	Ratio	Lower	Upper
77	100		
123	49.4	37.9	56.9
65	13.7	11.0	16.4



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





#25

Isophorone

Concen: 46.482 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

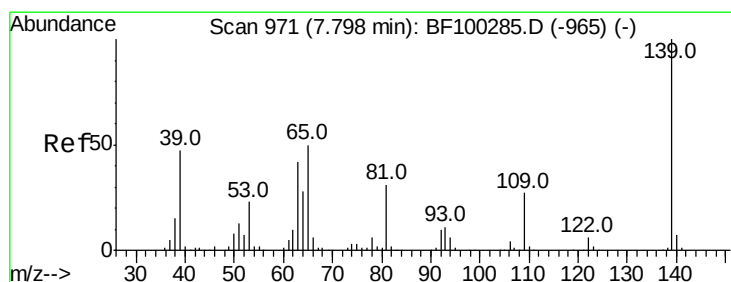
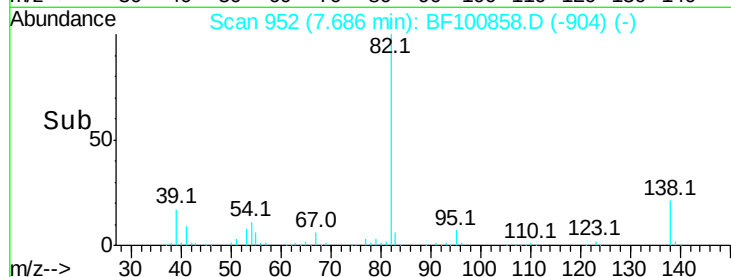
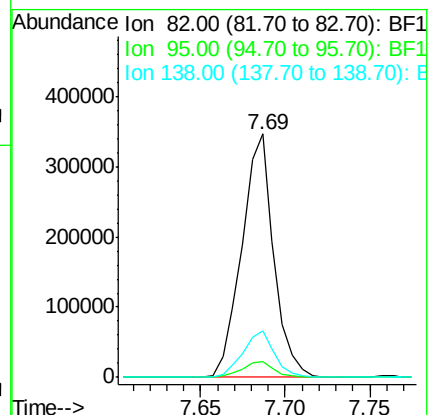
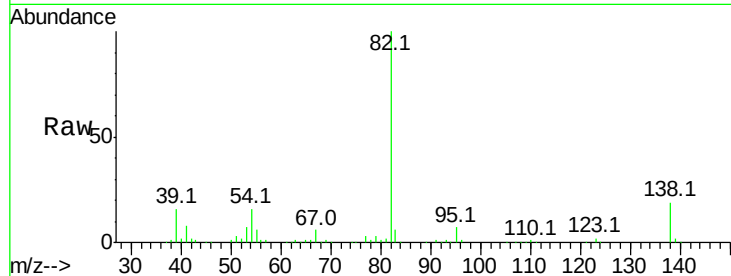
Tot Ion: 82 Resp: 456034

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 57.825 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

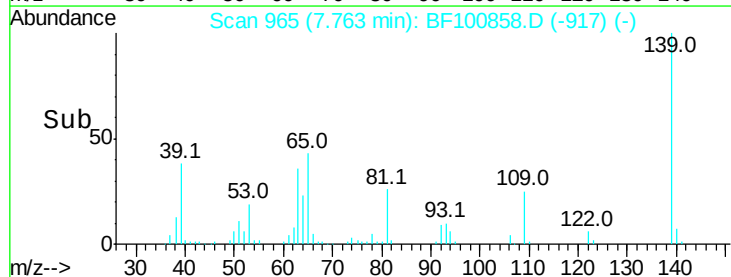
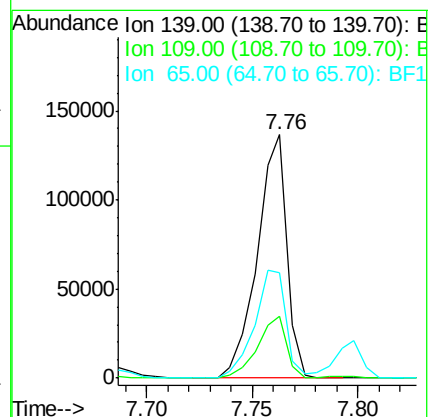
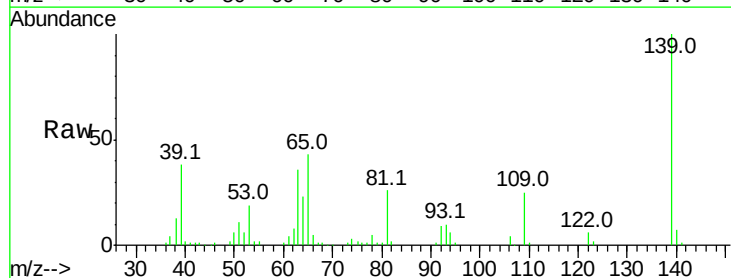
Tgt Ion: 139 Resp: 133073

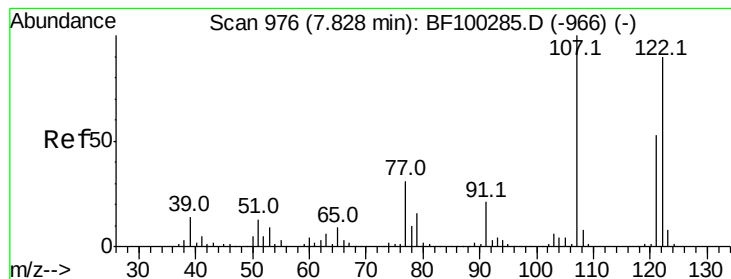
Ion Ratio Lower Upper

139 100

109 25.3 22.7 34.1

65 43.3 40.5 60.7

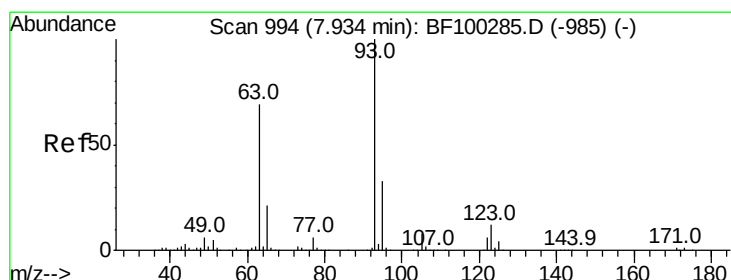
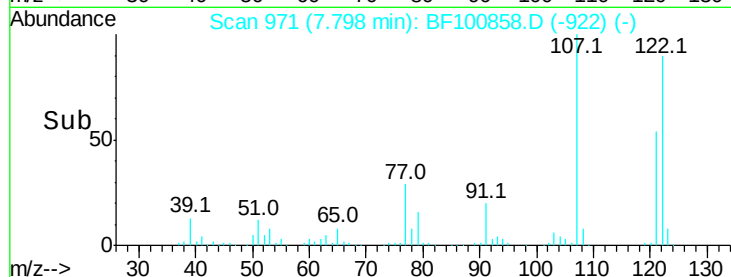
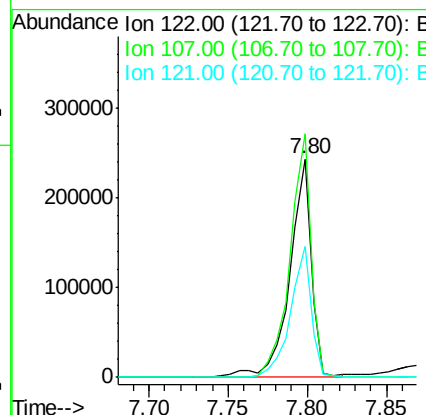
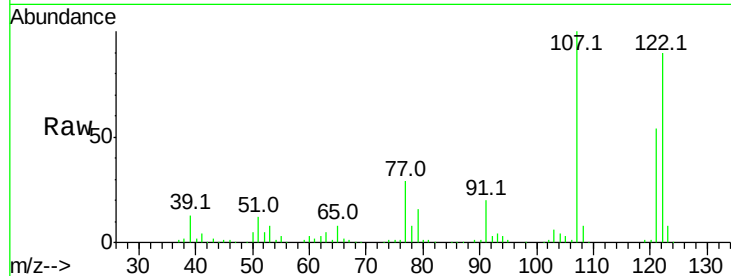




#27
 2,4-Dimethylphenol
 Concen: 52.569 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

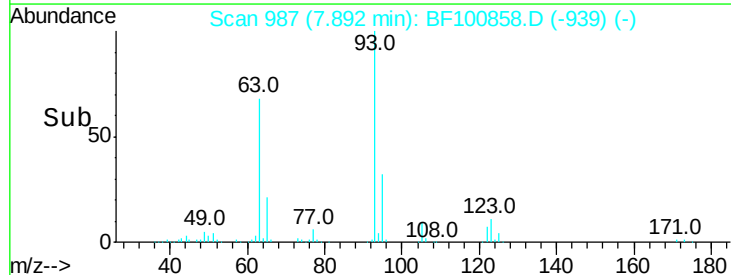
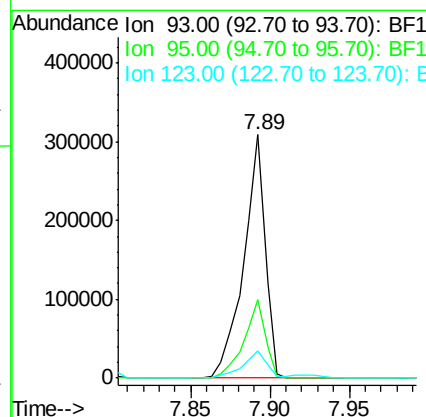
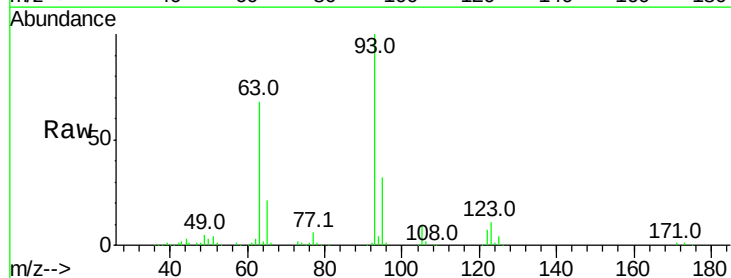
Instrument :
 BNA_F
 ClientSampleId :

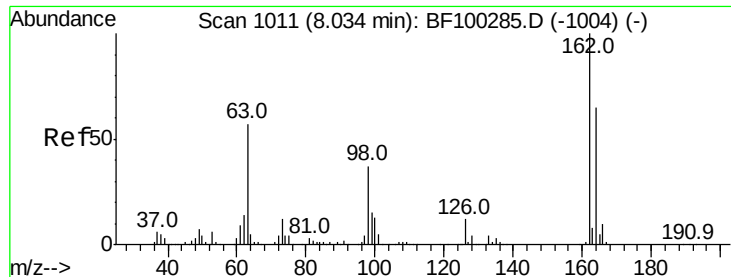
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	91.2	136.8
121	59.7	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.266 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	11.1	9.8	14.6

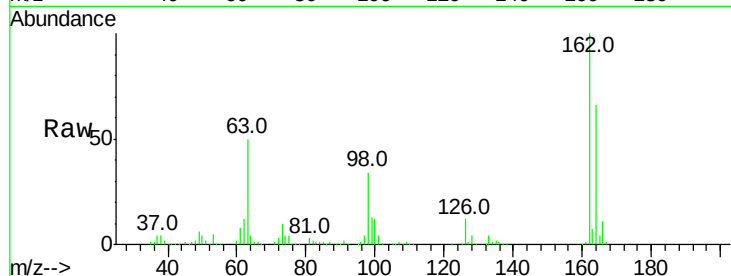




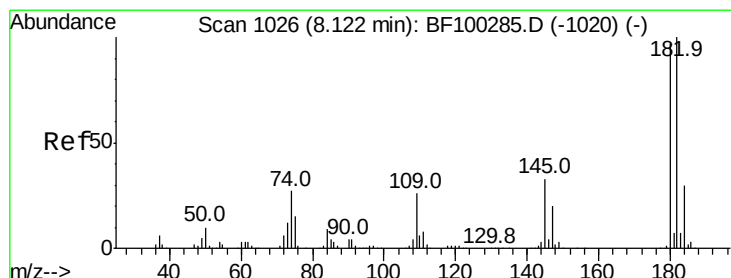
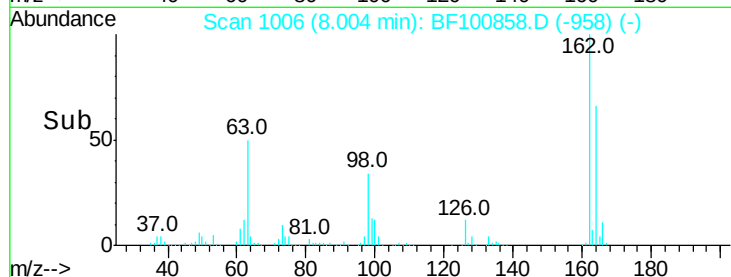
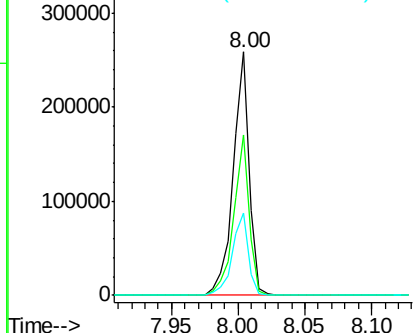
#29
2,4-Dichlorophenol
Concen: 52.474 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	42.7	82.7
98	33.6	18.1	58.1

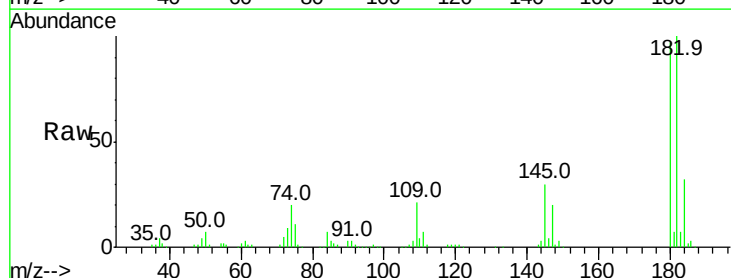


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

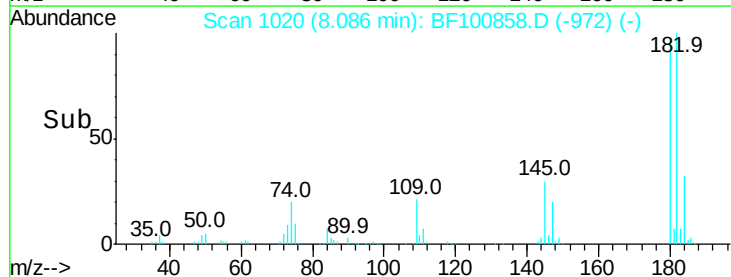
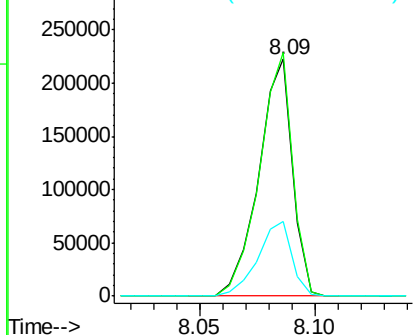


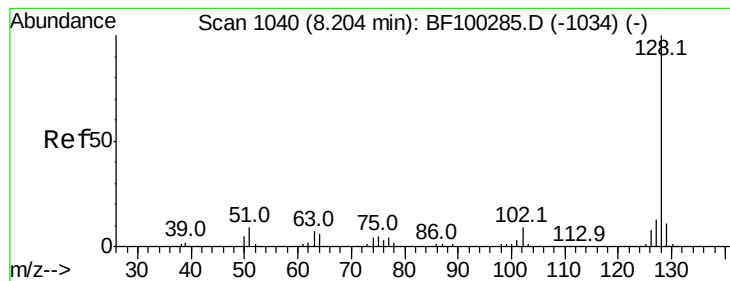
#30
1,2,4-Trichlorobenzene
Concen: 49.749 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.9	76.8	115.2
145	31.3	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: 47.821 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

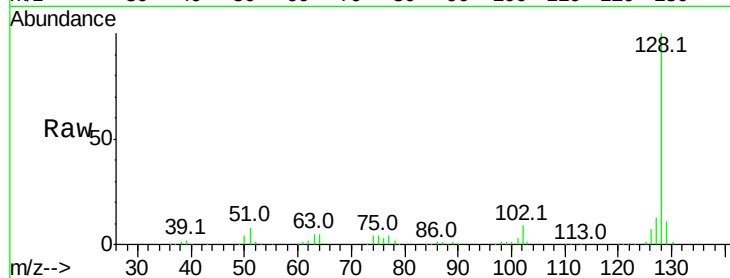
Tot Ion:128 Resp: 710947

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

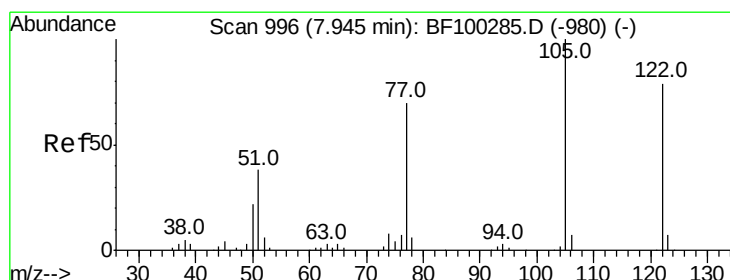
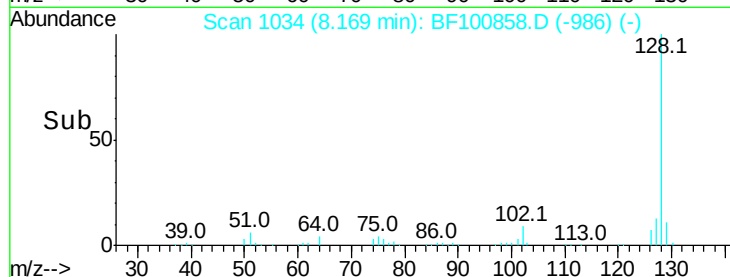
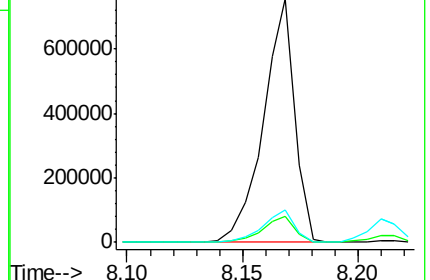
127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.137 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

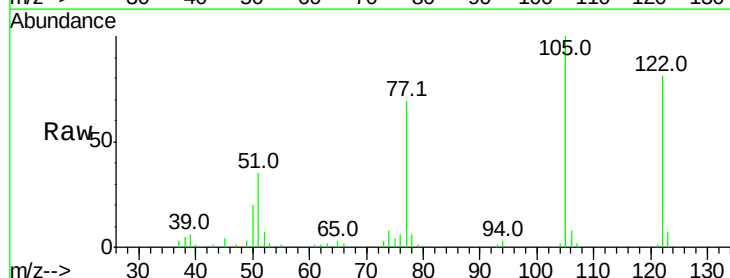
Tgt Ion:122 Resp: 116198

Ion Ratio Lower Upper

122 100

105 122.7 101.1 141.1

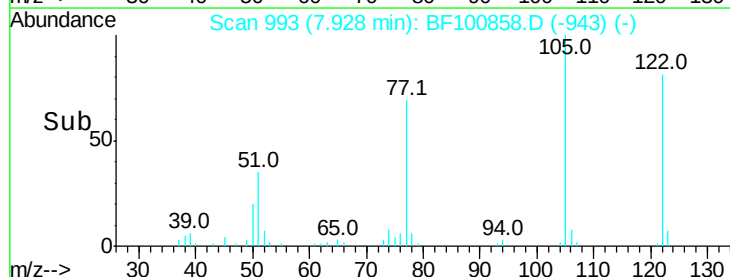
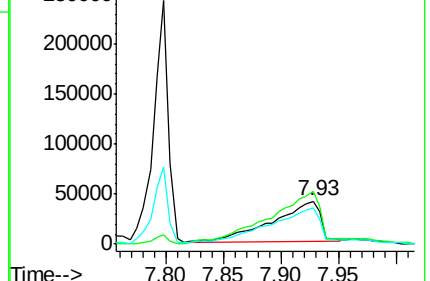
77 85.2 70.7 110.7

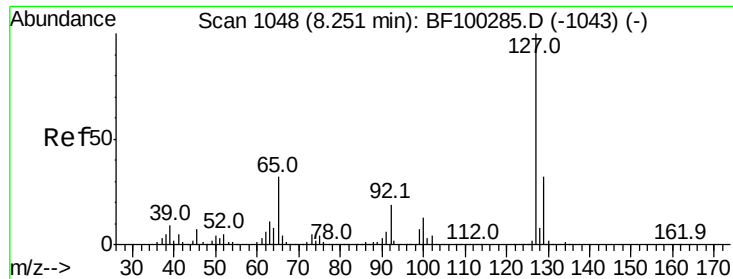


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

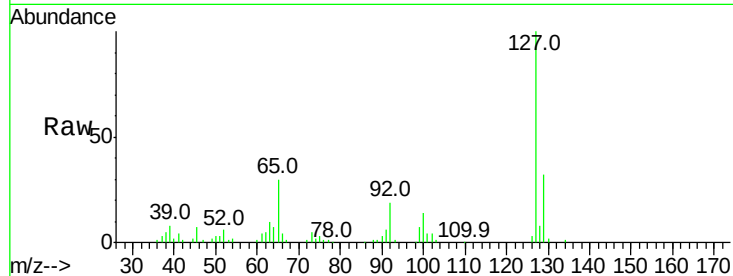




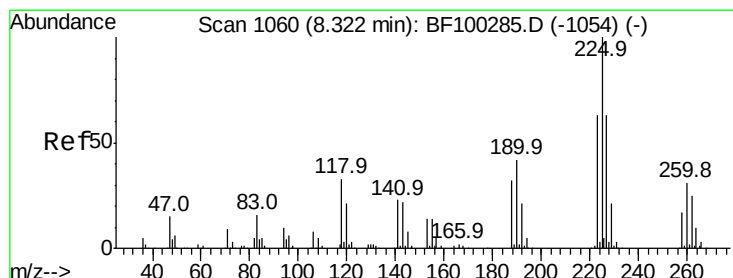
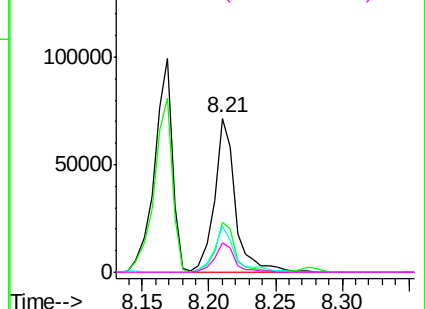
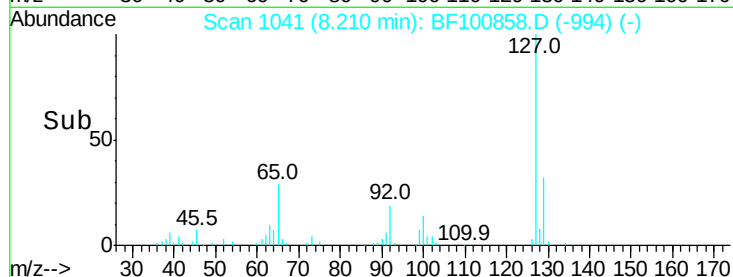
#33
4-Chloroaniline
Concen: 12.716 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	78692
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	30.3	25.0	37.4
92	19.5	15.2	22.8

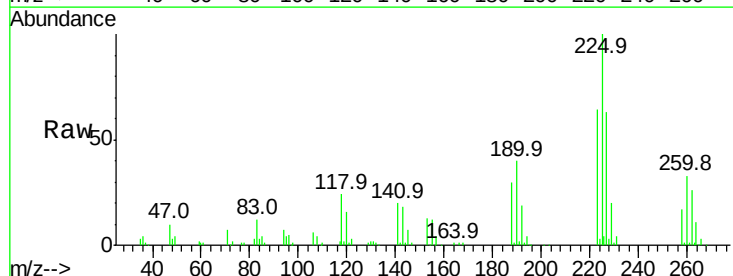


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

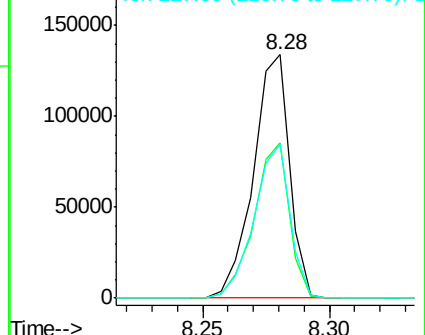
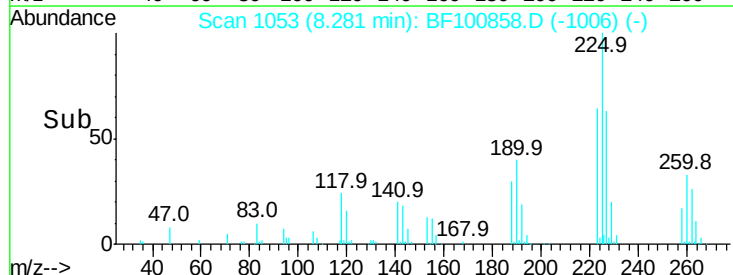


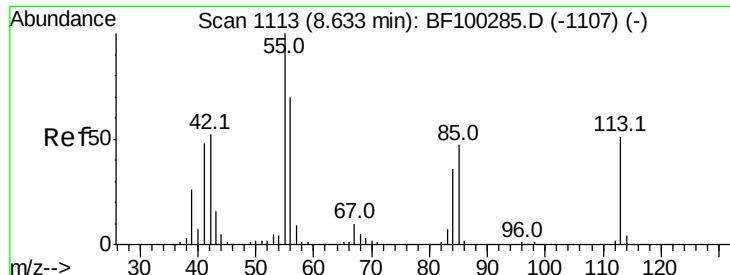
#34
Hexachlorobutadiene
Concen: 49.253 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion:	225	Resp:	132998
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	63.3	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

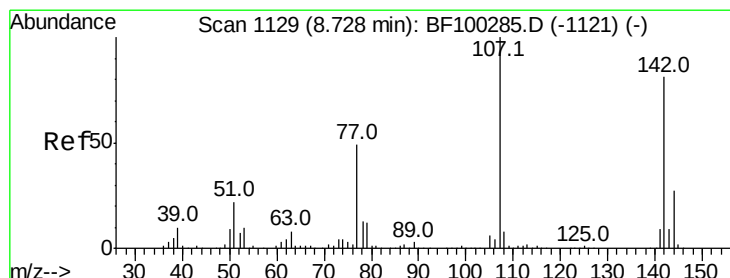
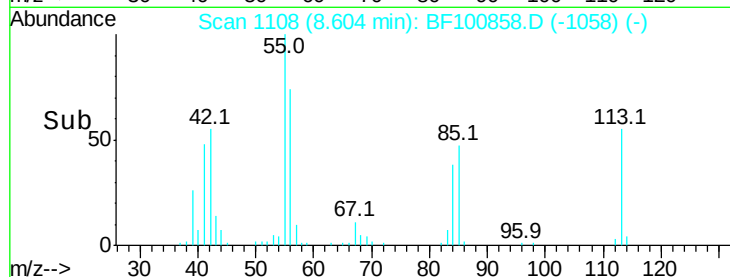
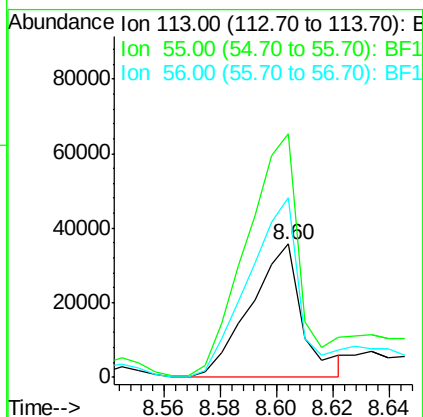
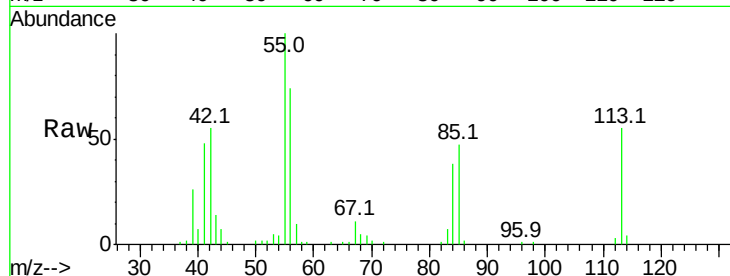




#35
 Caprolactam
 Concen: 31.869 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

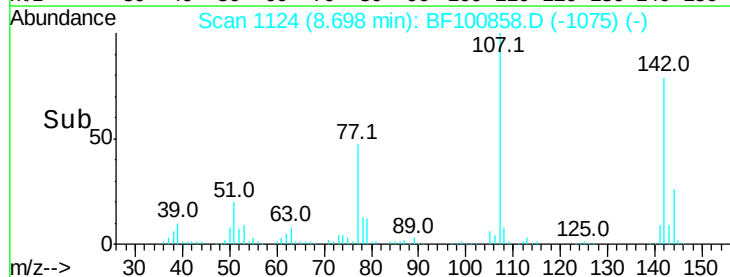
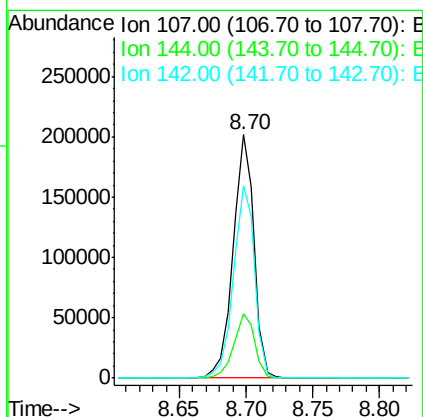
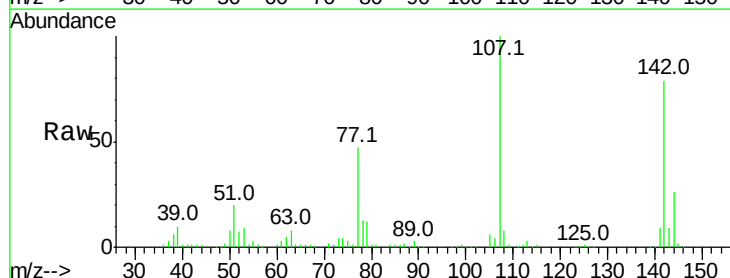
Instrument :
 BNA_F
 ClientSampled :

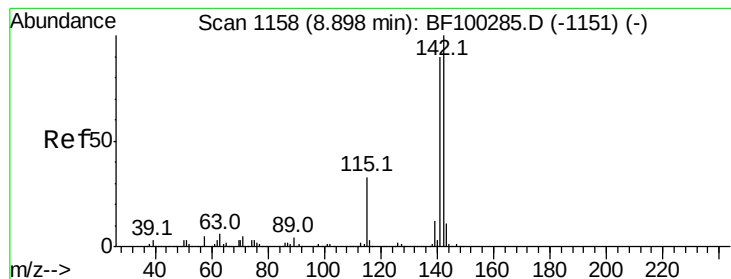
Tot Ion:113 Resp: 45919
 Ion Ratio Lower Upper
 113 100
 55 182.8 163.3 203.3
 56 134.6 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.155 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion:107 Resp: 221656
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 79.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 49.590 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

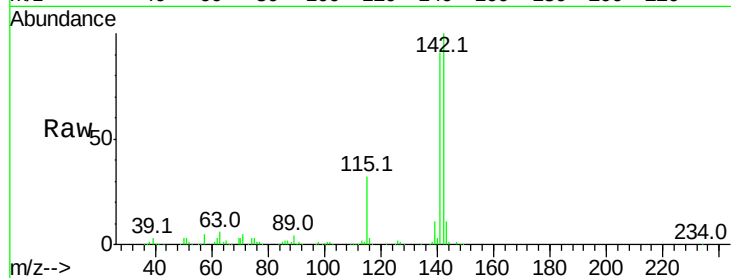
Tot Ion:142 Resp: 489463

Ion Ratio Lower Upper

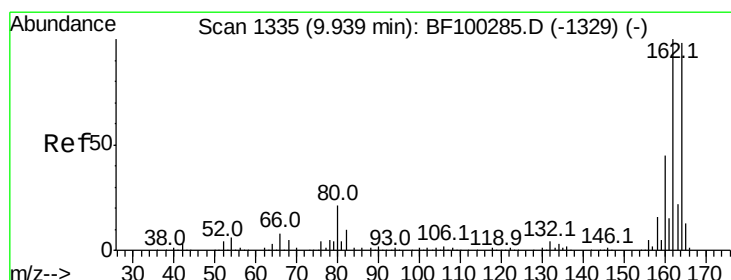
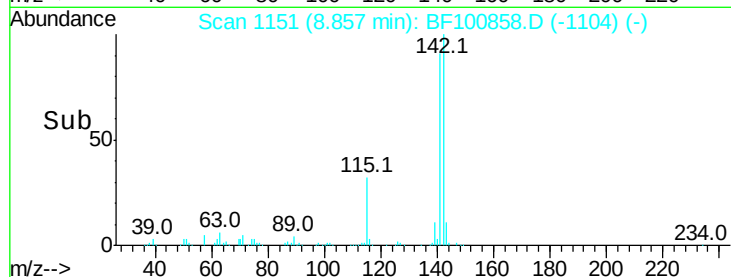
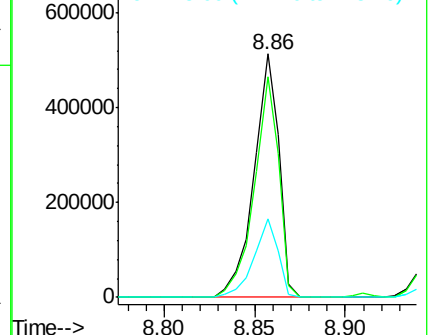
142 100

141 90.5 70.8 106.2

115 32.0 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: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

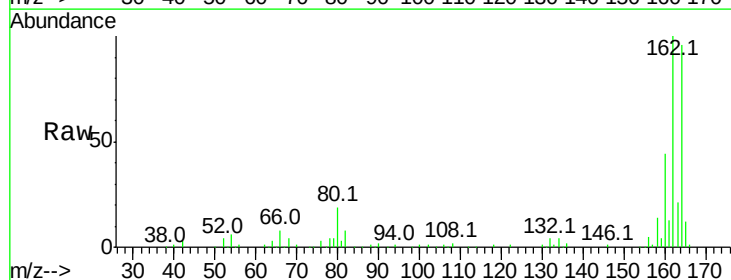
Tgt Ion:164 Resp: 141026

Ion Ratio Lower Upper

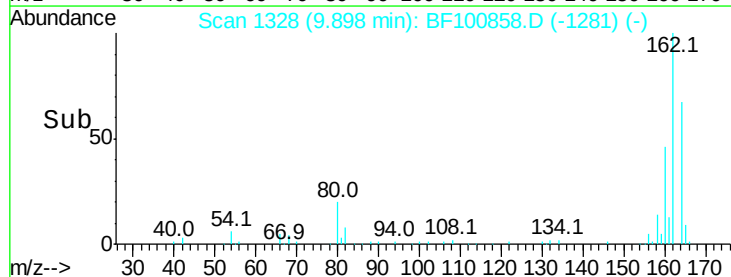
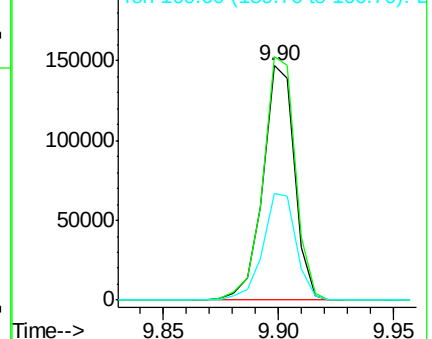
164 100

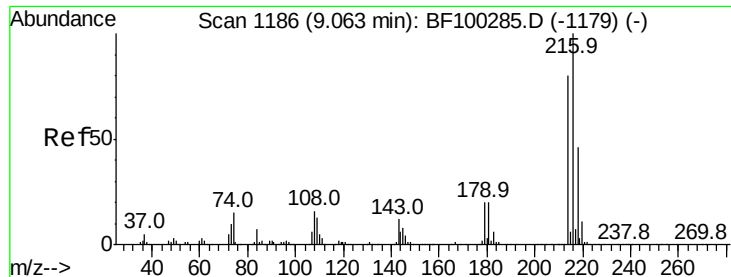
162 104.0 86.1 129.1

160 45.6 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

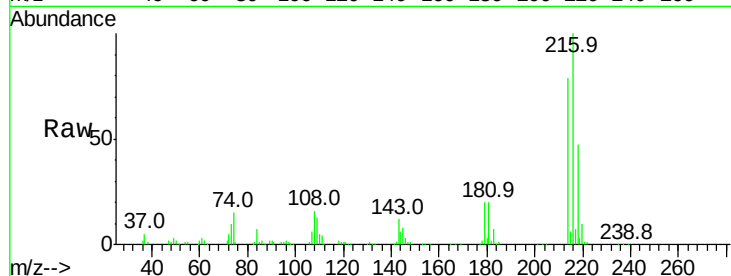




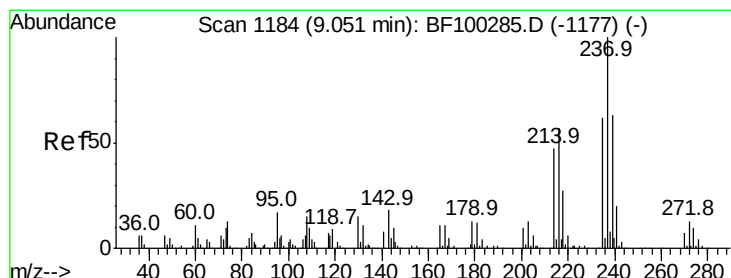
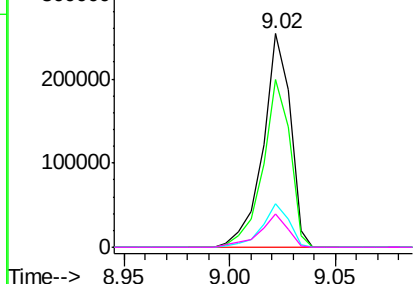
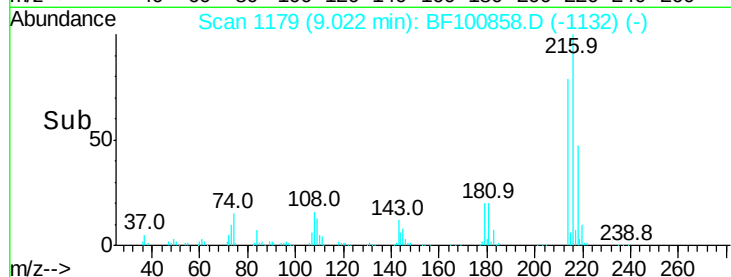
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.003 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	229192
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.0	94.4
179	20.1	18.1	27.1
108	16.0	17.2	25.8#

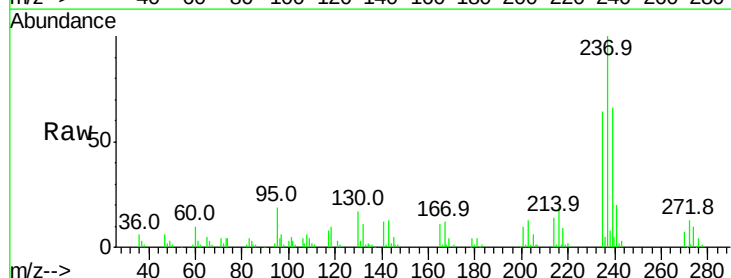


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

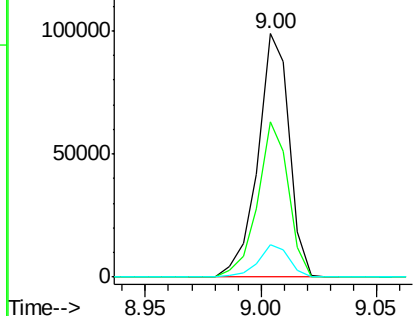
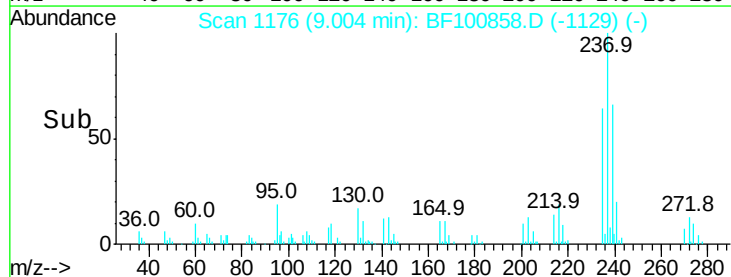


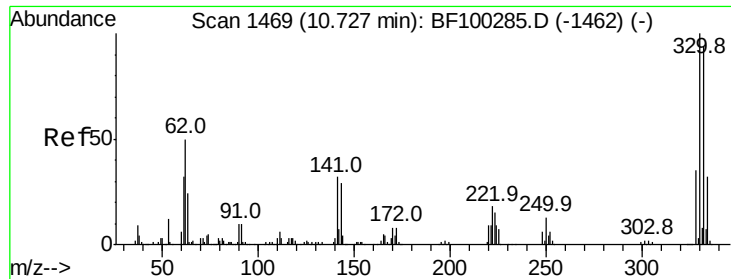
#40
 Hexachlorocyclopentadiene
 Concen: 42.525 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion:	237	Resp:	93610
Ion Ratio	Lower	Upper	
237	100		
235	63.6	44.8	84.8
272	13.1	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 89.011 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.02 min

Lab File: BF100858.D

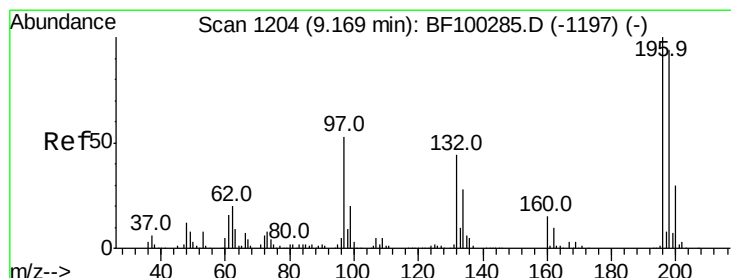
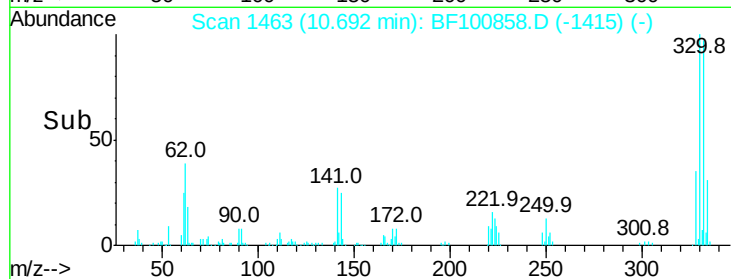
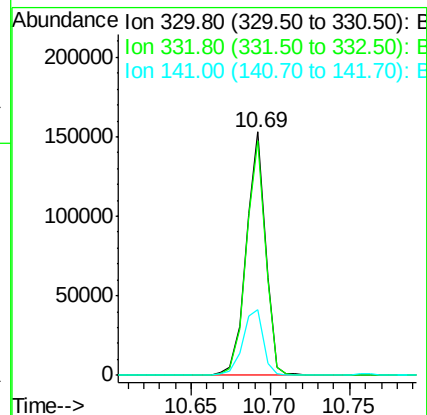
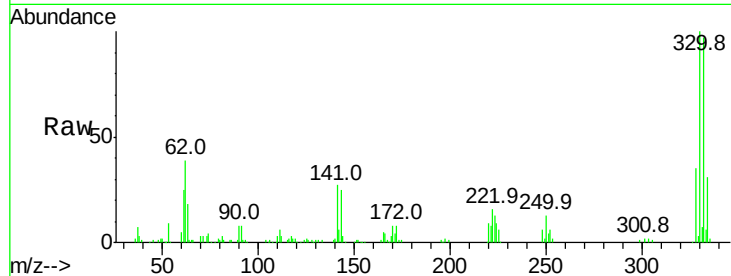
Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampled :

Tot Ion:	330	Resp:	127914
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	29.2	29.9	44.9#



#42

2,4,6-Trichlorophenol

Concen: 54.361 ng

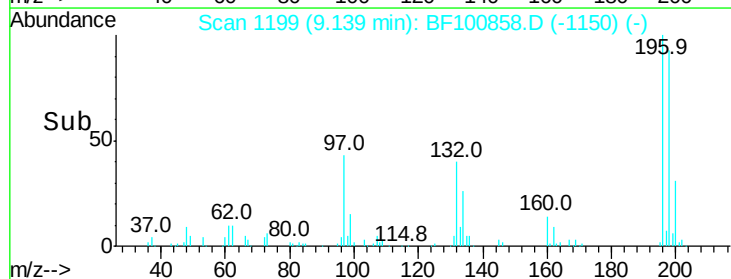
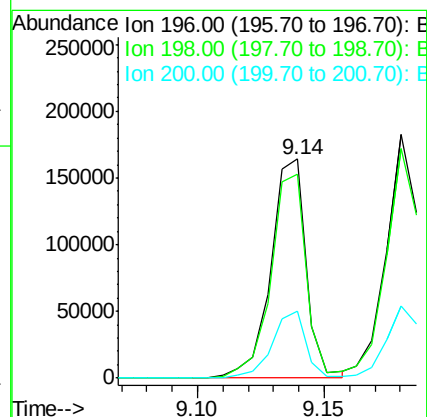
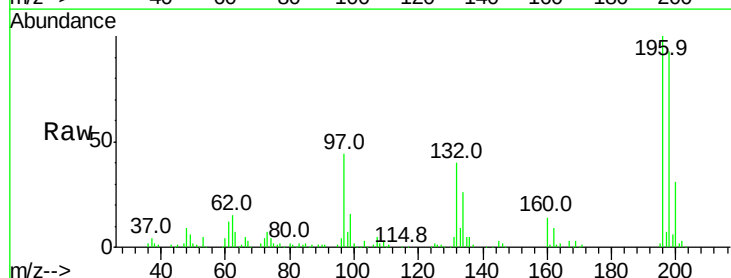
RT: 9.14 min Scan# 1199

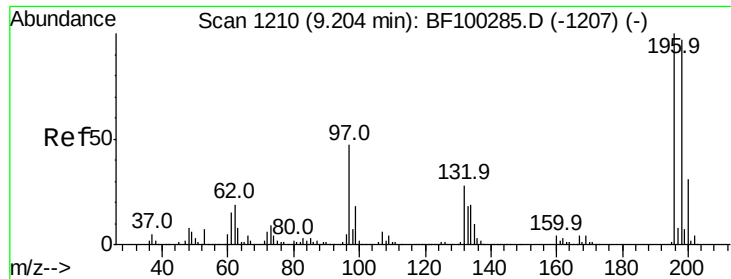
Delta R.T. -0.01 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Tgt Ion:	196	Resp:	161143
Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
200	30.5	24.5	36.7

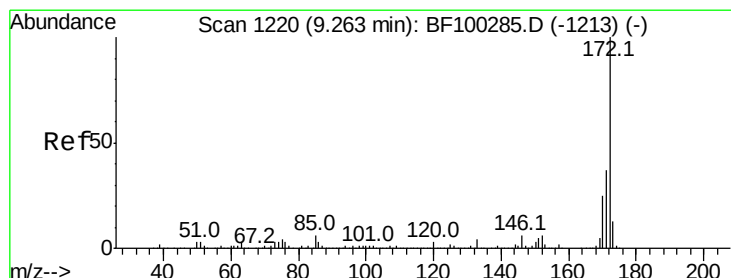
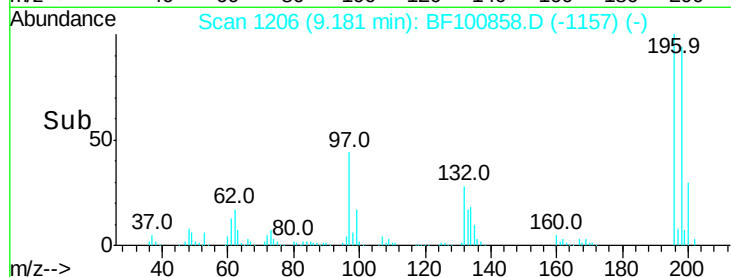
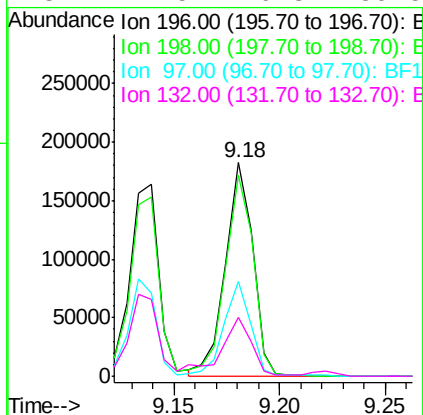
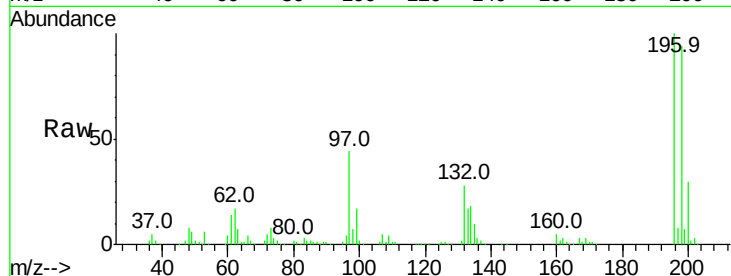




#43
 2,4,5-Trichlorophenol
 Concen: 53.506 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

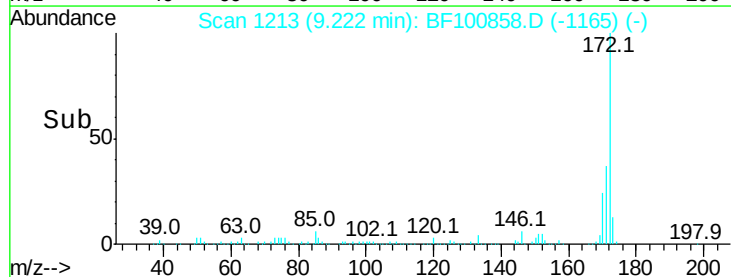
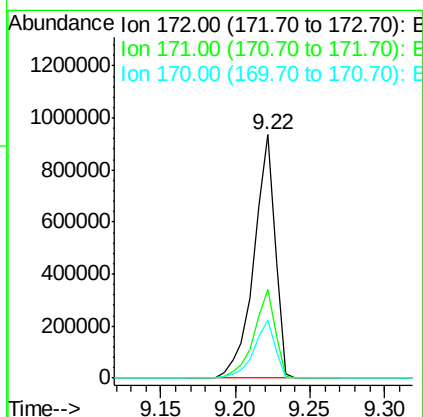
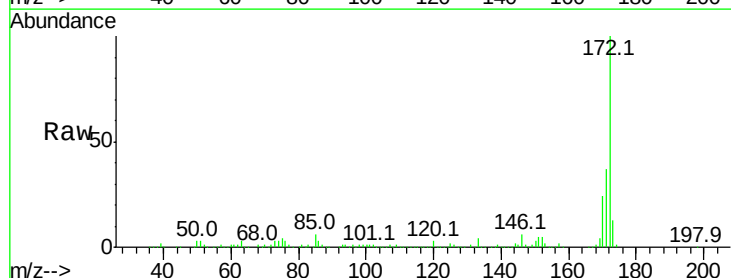
Instrument :
 BNA_F
 ClientSampleId :

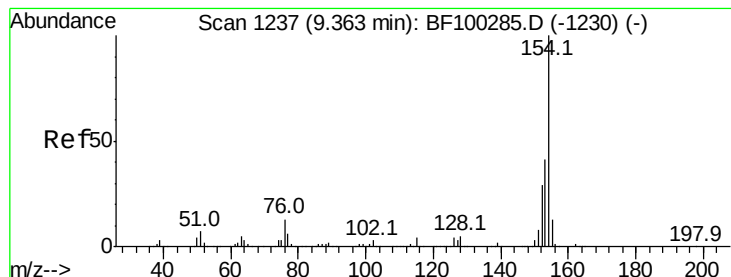
Tot Ion:	196	Resp:	164329
Ion	Ratio	Lower	Upper
196	100		
198	94.2	74.6	112.0
97	44.2	42.9	64.3
132	27.5	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 98.674 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion:	172	Resp:	913870
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.0	19.6	29.4





#45

1,1'-Biphenyl

Concen: 47.653 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

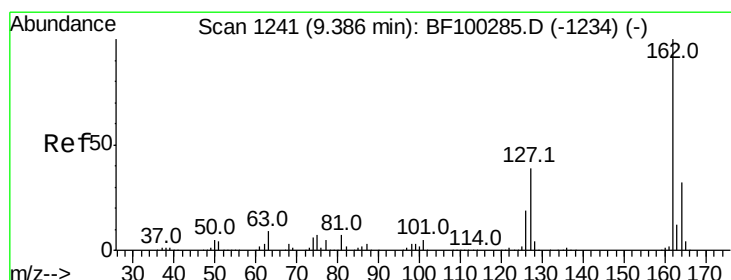
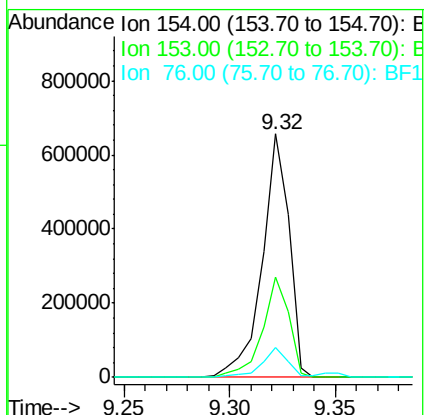
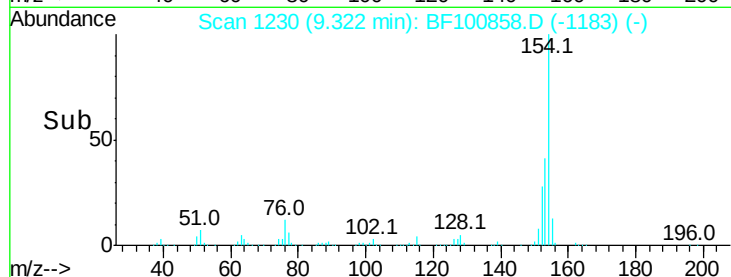
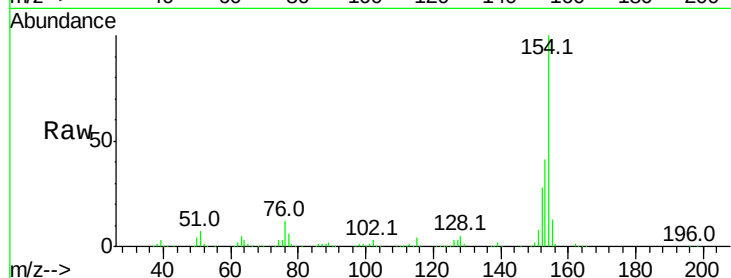
Tot Ion:154 Resp: 581242

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

76 12.4 0.0 34.0



#46

2-Chloronaphthalene

Concen: 50.924 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

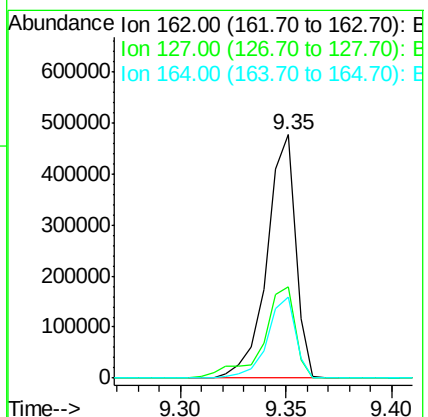
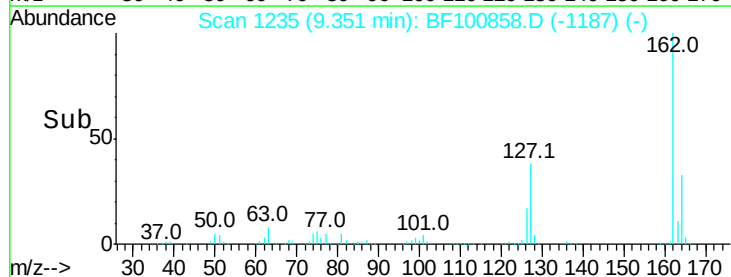
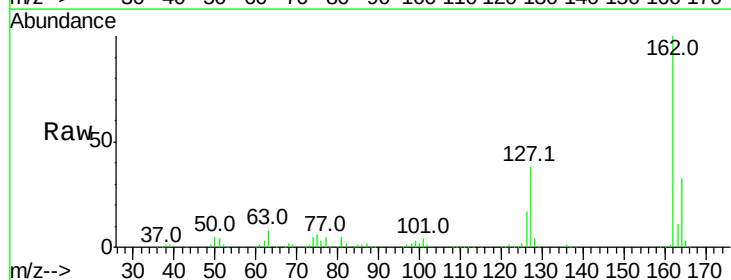
Tgt Ion:162 Resp: 450614

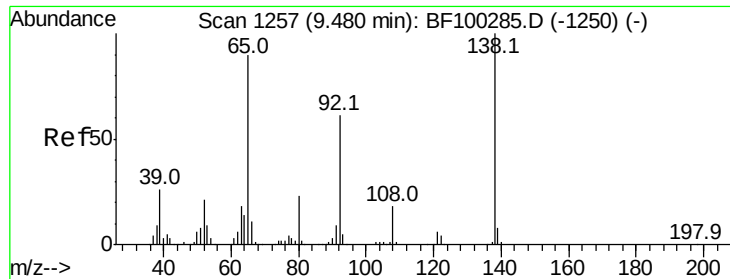
Ion Ratio Lower Upper

162 100

127 37.8 33.9 50.9

164 33.1 26.5 39.7





#47

2-Nitroaniline

Concen: 50.292 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

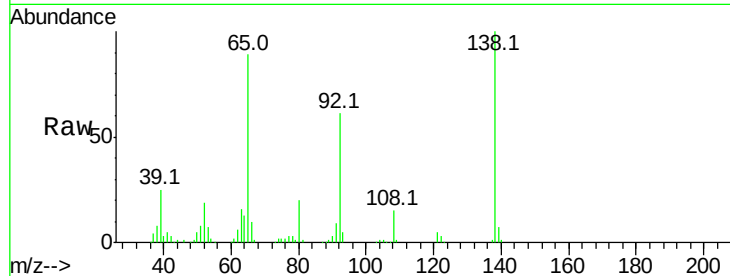
Tot Ion: 65 Resp: 131864

Ion Ratio Lower Upper

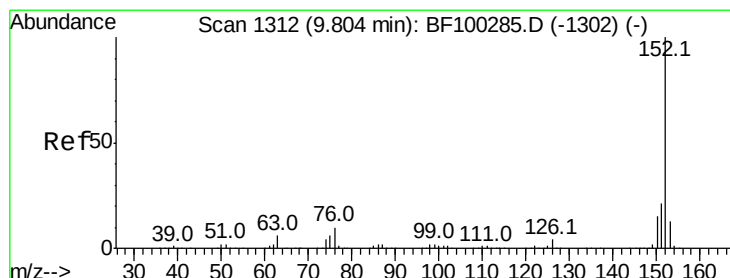
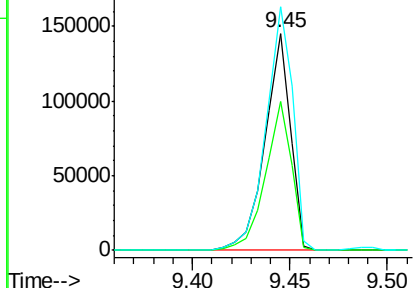
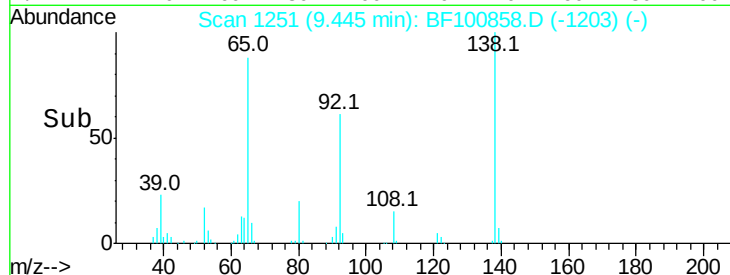
65 100

92 68.8 55.8 83.6

138 112.1 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: 46.834 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

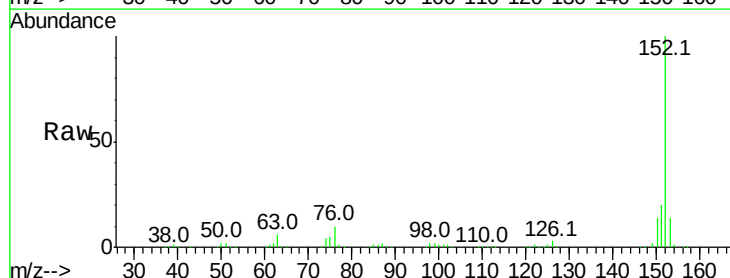
Tgt Ion: 152 Resp: 686786

Ion Ratio Lower Upper

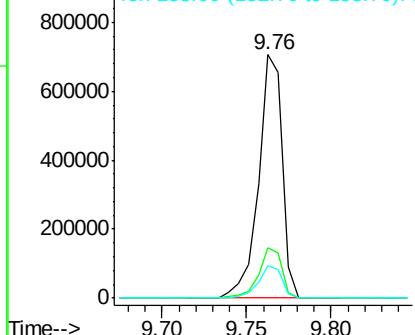
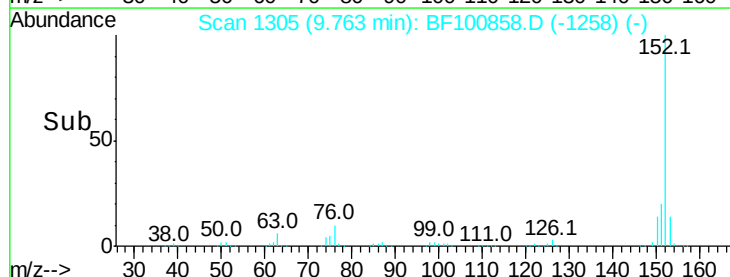
152 100

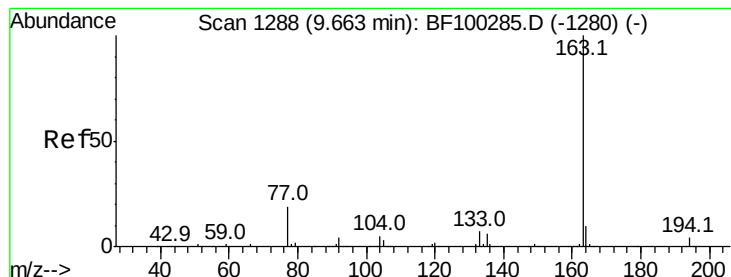
151 20.4 16.3 24.5

153 13.5 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: 49.955 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

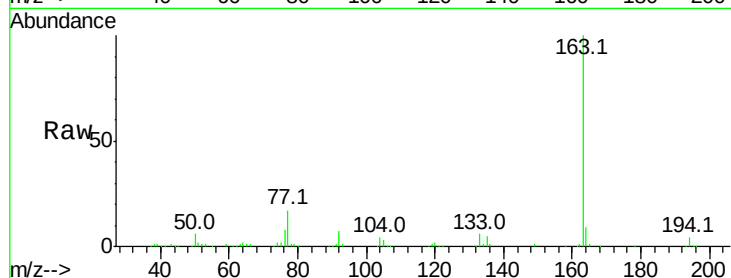
Tot Ion:163 Resp: 537887

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

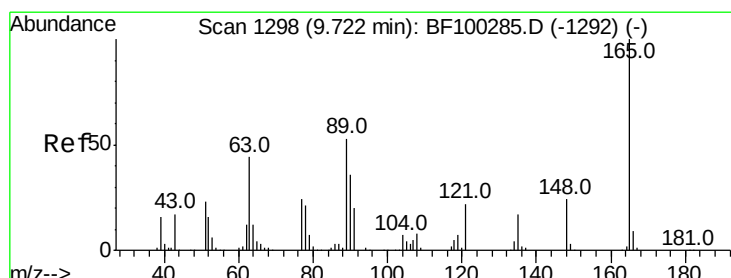
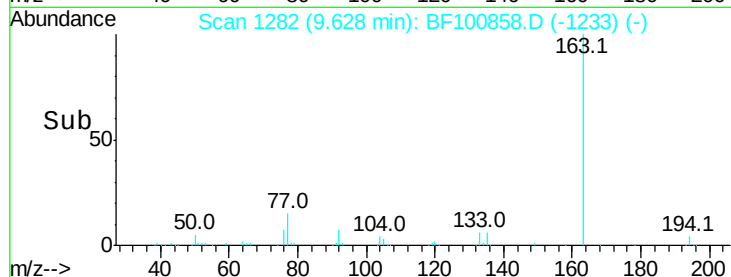
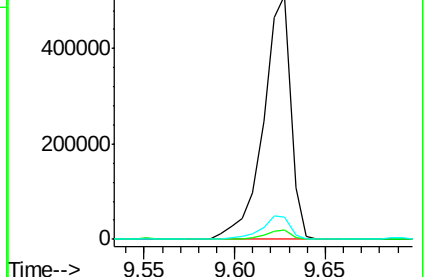
164 9.3 8.2 12.2



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: 55.357 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

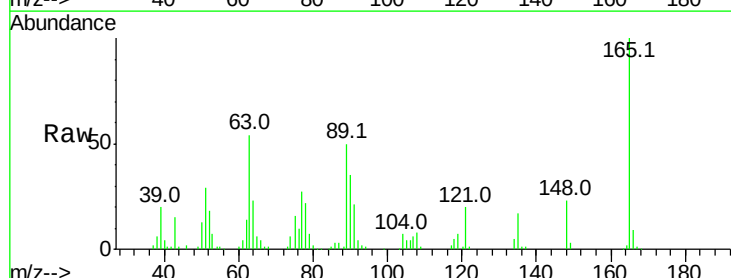
Tgt Ion:165 Resp: 117986

Ion Ratio Lower Upper

165 100

63 54.1 44.7 67.1

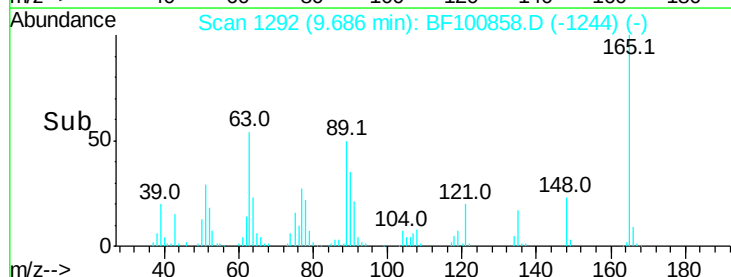
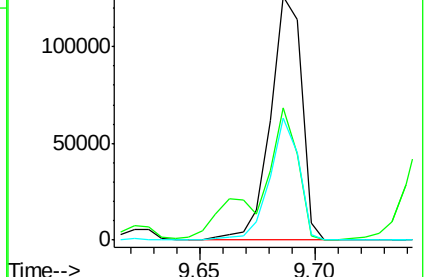
89 50.0 44.0 66.0

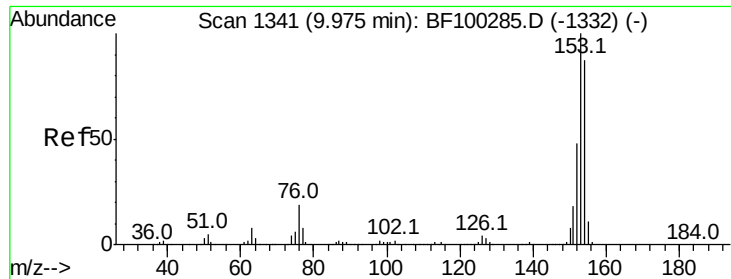


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 45.613 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

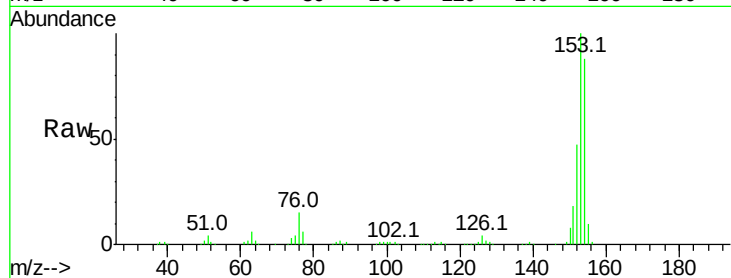
Tot Ion:154 Resp: 406799

Ion Ratio Lower Upper

154 100

153 114.1 91.2 136.8

152 53.6 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

600000

500000

400000

300000

200000

100000

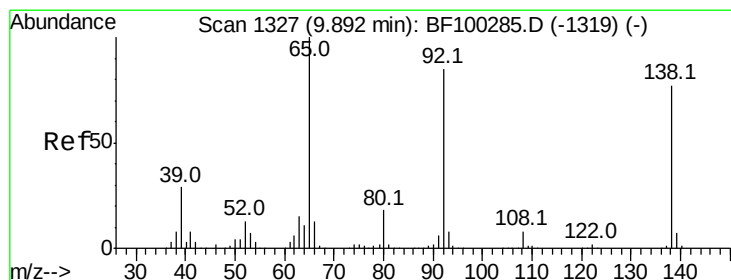
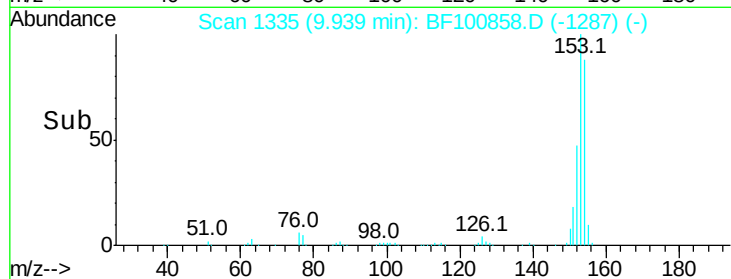
0

9.90

9.94

9.95

Time-->



#52

3-Nitroaniline

Concen: 27.741 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

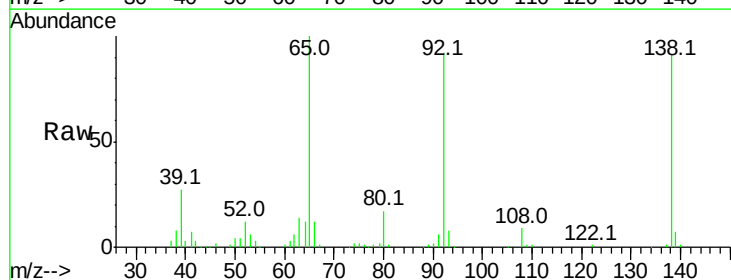
Tgt Ion:138 Resp: 69818

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

92 100.7 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

100000

80000

60000

40000

20000

0

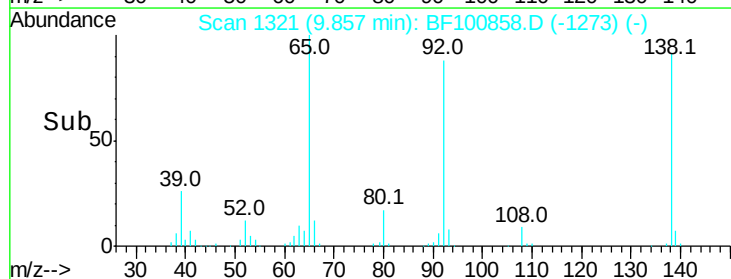
9.80

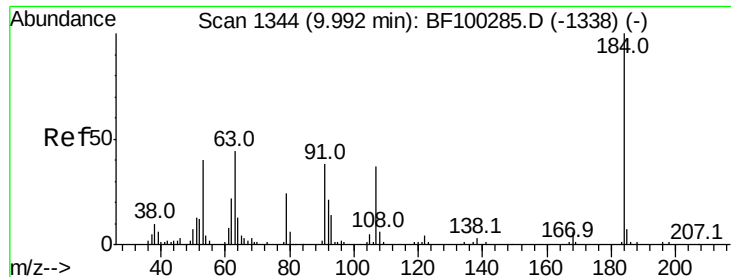
9.85

9.86

9.90

Time-->

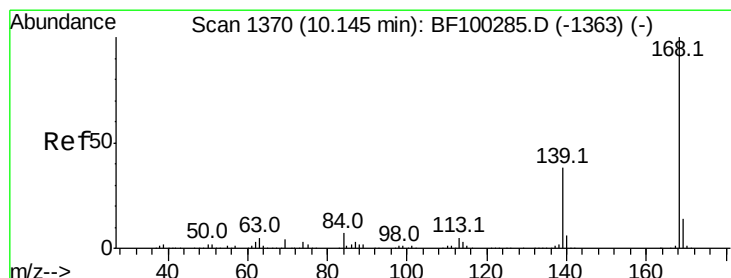
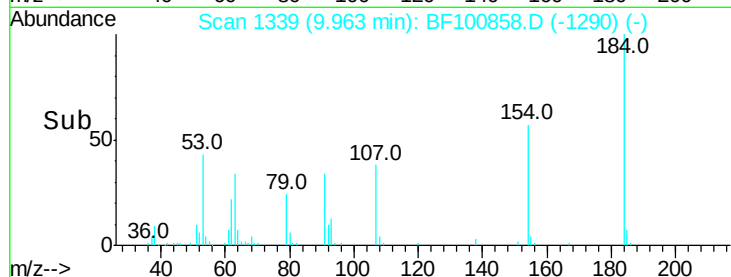
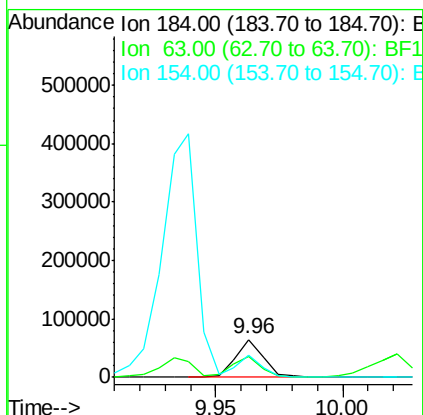
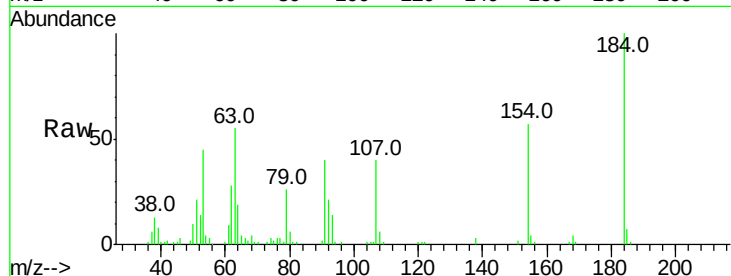




#53
 2,4-Dinitrophenol
 Concen: 62.451 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

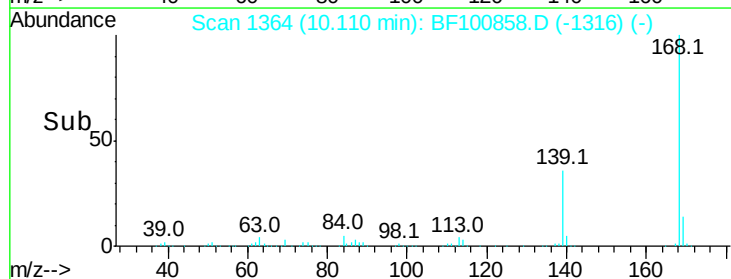
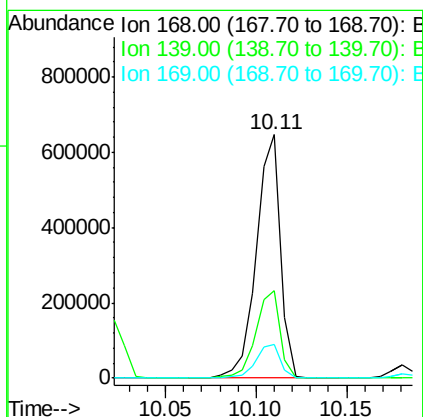
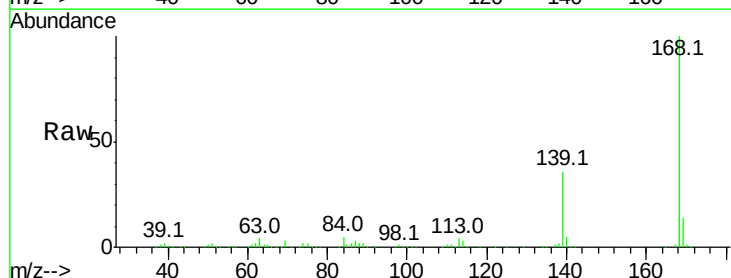
Instrument :
 BNA_F
 ClientSampled :

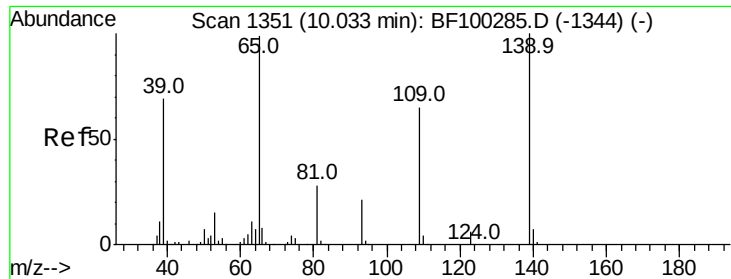
Tot Ion:184 Resp: 51683
 Ion Ratio Lower Upper
 184 100
 63 55.2 54.2 81.2
 154 57.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 47.673 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion:168 Resp: 595908
 Ion Ratio Lower Upper
 168 100
 139 36.1 30.1 45.1
 169 14.1 10.9 16.3

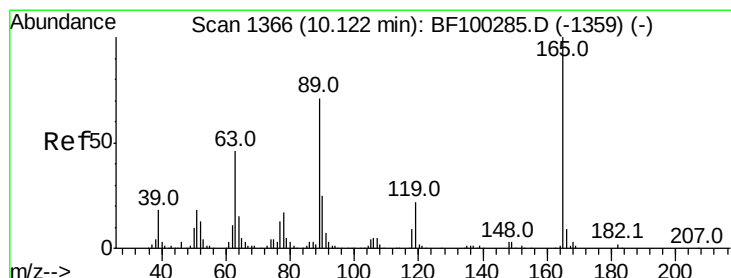
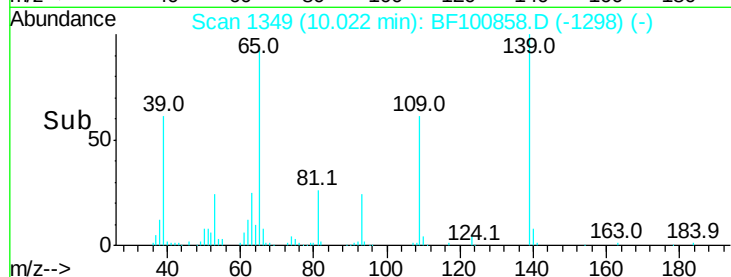
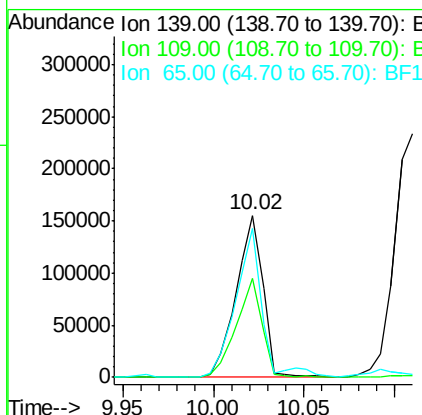
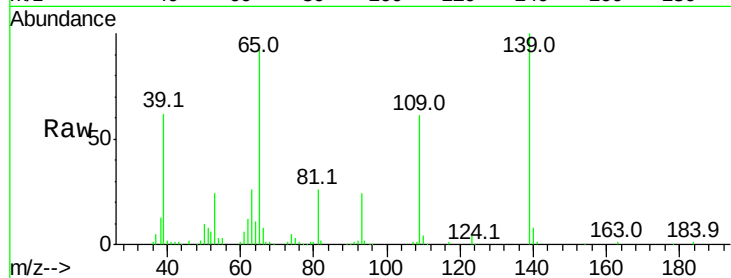




#55
4-Nitrophenol
Concen: 78.104 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

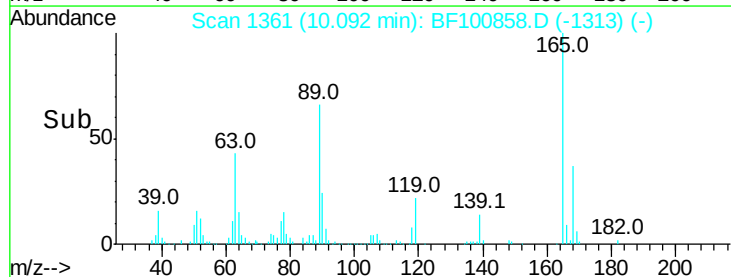
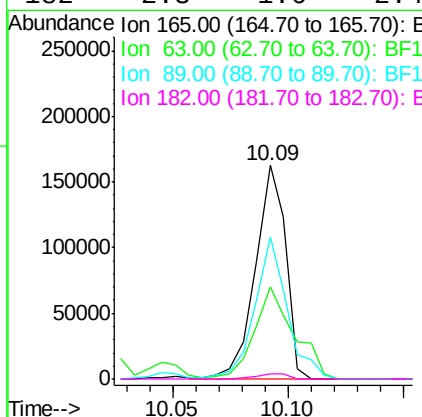
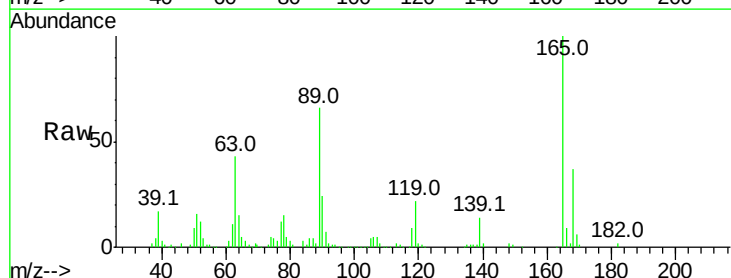
Instrument :
BNA_F
ClientSampleId :

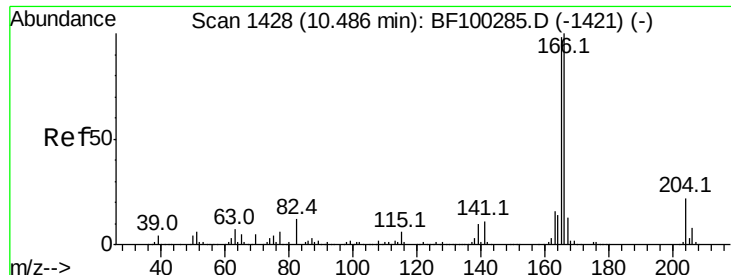
Tot Ion:139 Resp: 159615
Ion Ratio Lower Upper
139 100
109 61.1 48.4 88.4
65 92.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 55.501 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion:165 Resp: 149232
Ion Ratio Lower Upper
165 100
63 42.9 36.4 54.6
89 66.3 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 50.146 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

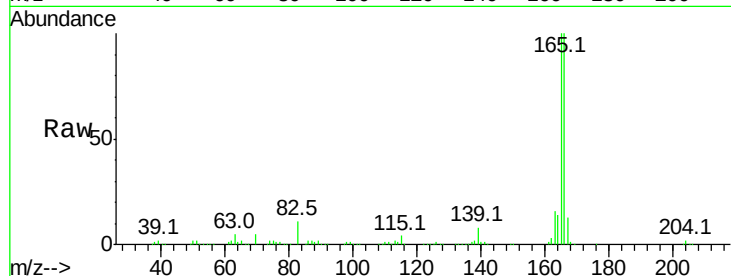
Tot Ion:166 Resp: 459186

Ion Ratio Lower Upper

166 100

165 100.3 79.8 119.8

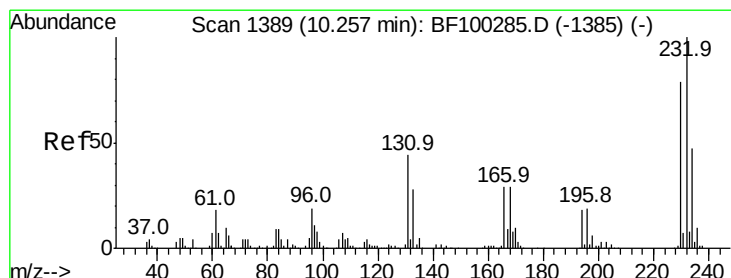
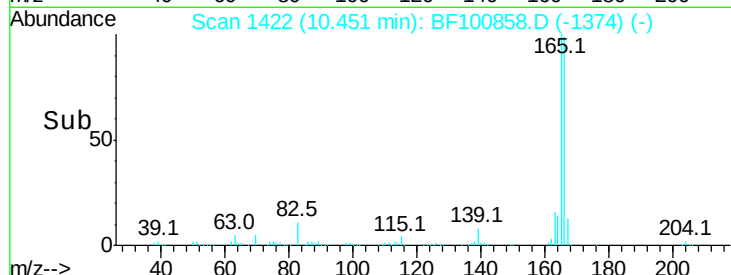
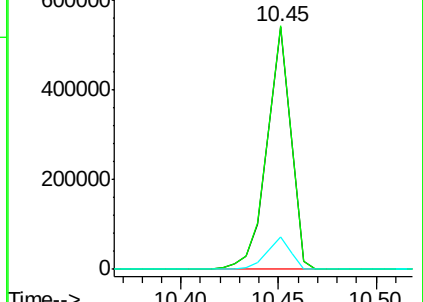
167 13.5 10.6 16.0



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: 49.434 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Tgt Ion:232 Resp: 124430

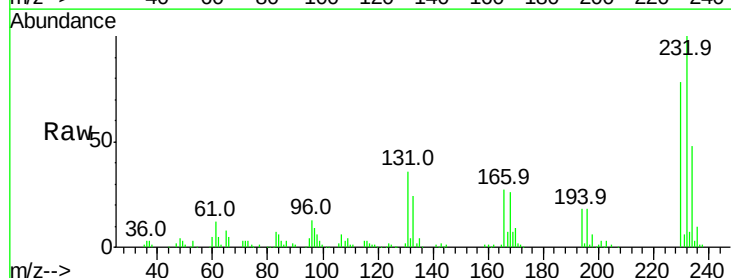
Ion Ratio Lower Upper

232 100

131 42.1 43.8 65.8#

130 1.9 2.1 3.1#

166 30.2 27.8 41.6

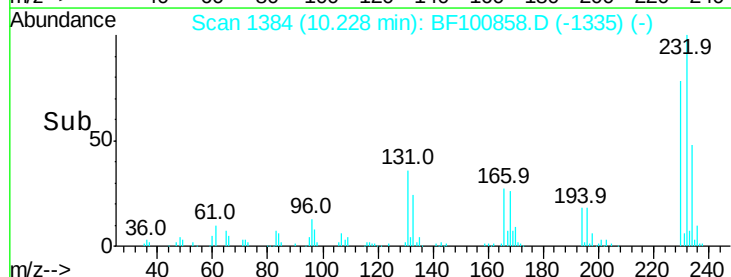
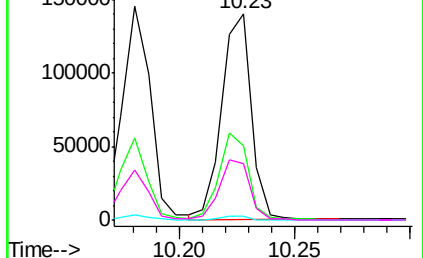


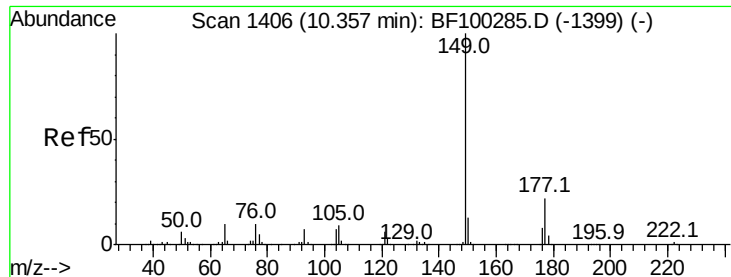
Abundance Ion 232.00 (231.70 to 232.70): E

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

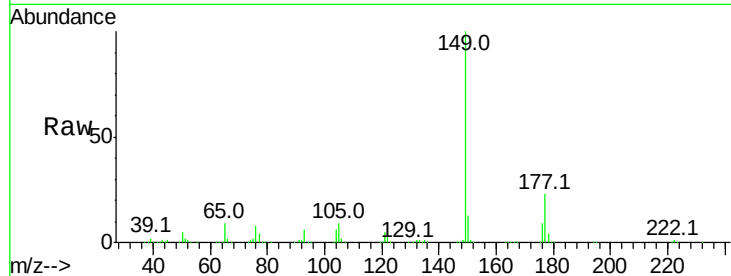




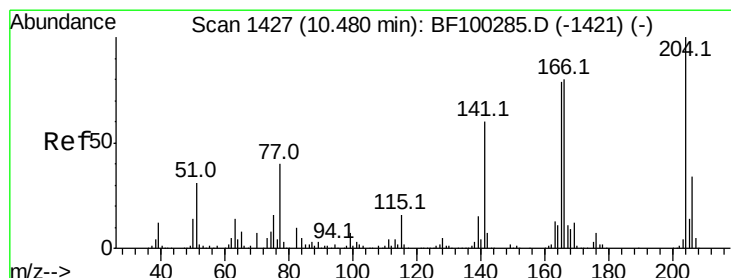
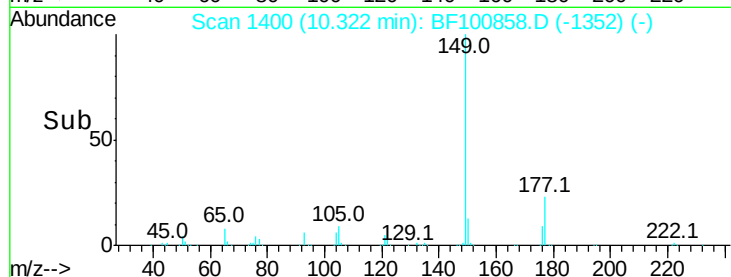
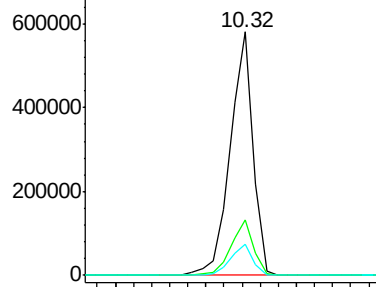
#59
Diethylphthalate
Concen: 47.181 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.8	16.1	24.1
150	12.8	10.1	15.1

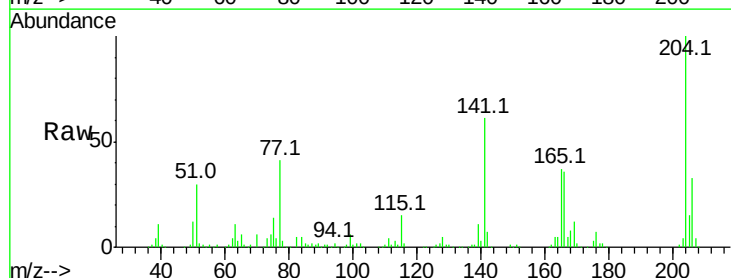


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

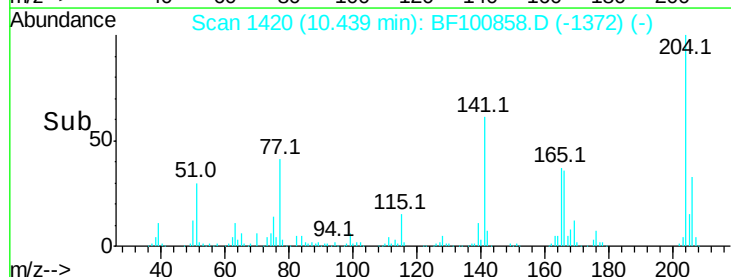
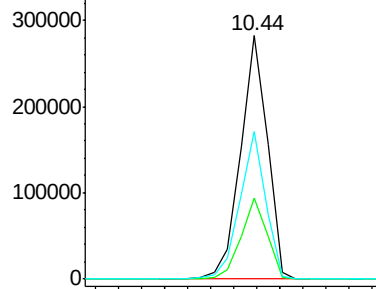


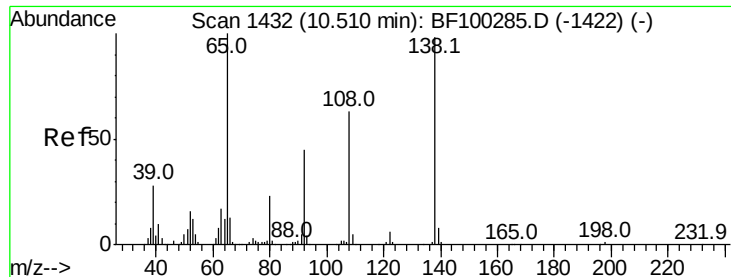
#60
4-Chlorophenyl-phenylether
Concen: 50.615 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	60.9	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

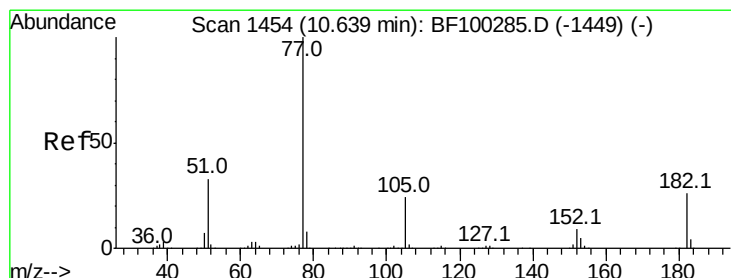
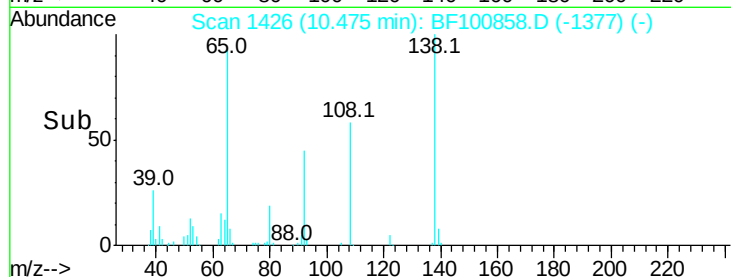
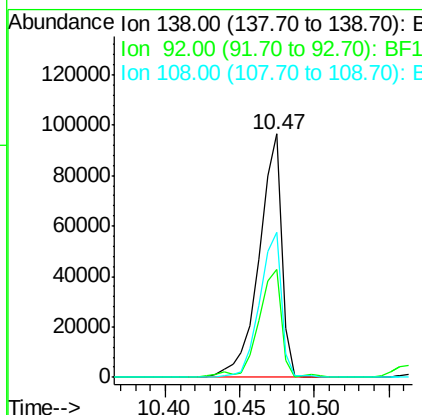
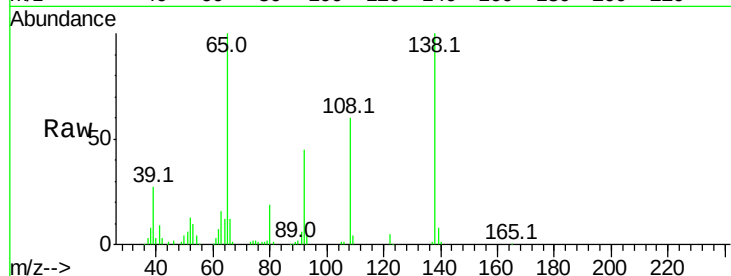




#61
4-Nitroaniline
Concen: 42.109 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

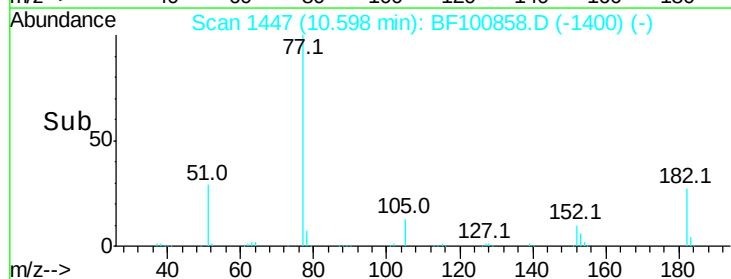
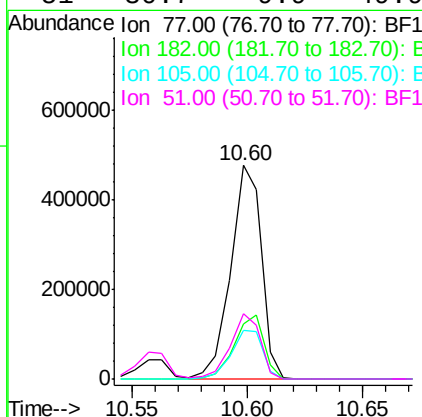
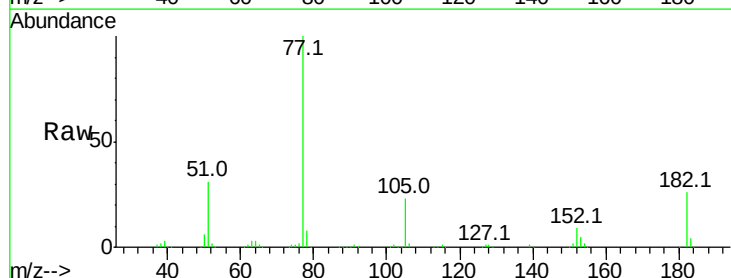
Instrument :
BNA_F
ClientSampleId :

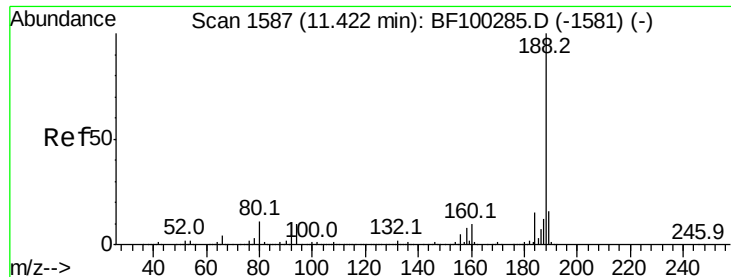
Tot Ion:138 Resp: 100494
Ion Ratio Lower Upper
138 100
92 44.6 30.2 70.2
108 59.8 52.5 92.5



#62
Azobenzene
Concen: 43.385 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion: 77 Resp: 440294
Ion Ratio Lower Upper
77 100
182 26.1 1.7 41.7
105 23.1 3.0 43.0
51 30.7 9.9 49.9

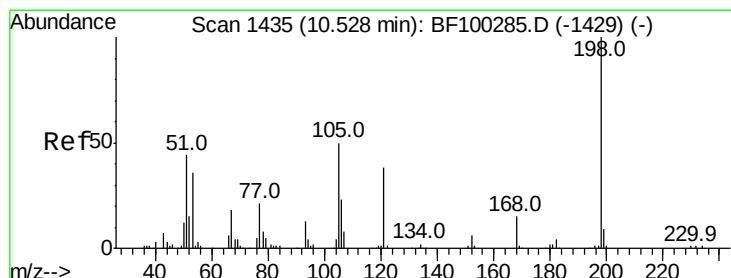
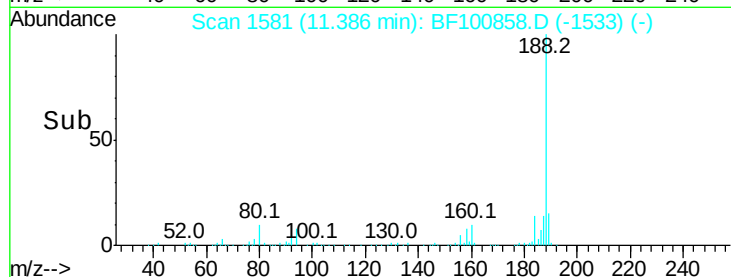
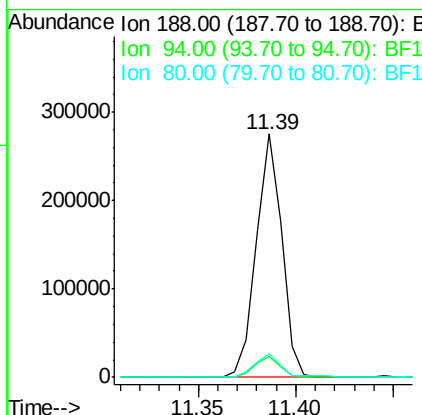
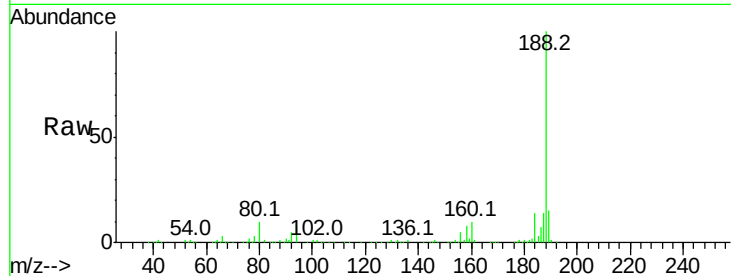




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

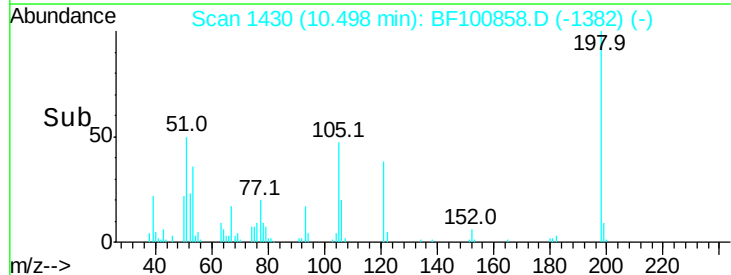
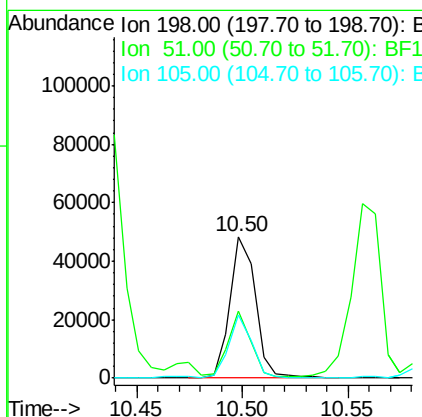
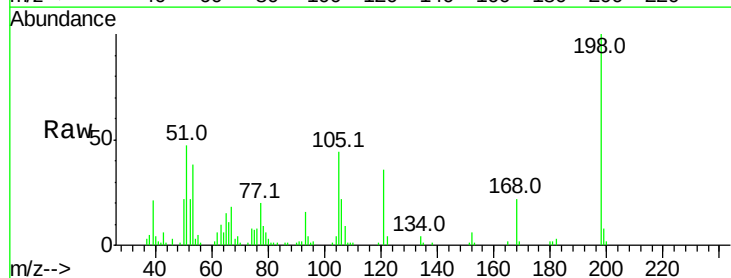
Instrument :
 BNA_F
 ClientSampleId :

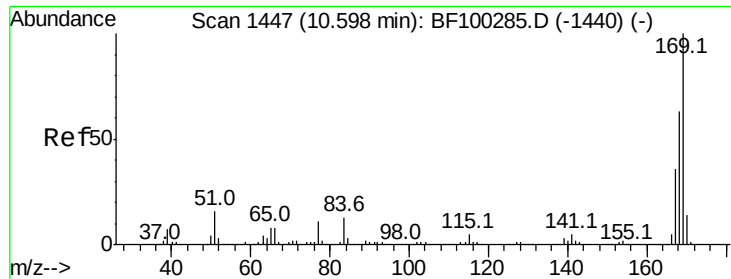
Tot Ion:188 Resp: 249390
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.5 12.7#
 80 9.8 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.863 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion:198 Resp: 40304
 Ion Ratio Lower Upper
 198 100
 51 47.3 37.7 77.7
 105 44.4 36.3 76.3

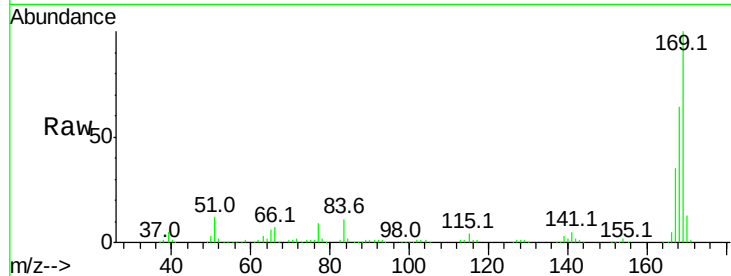




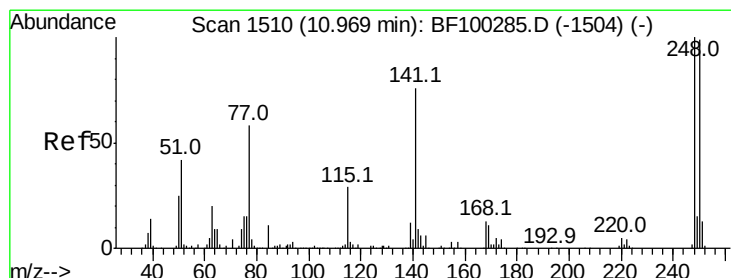
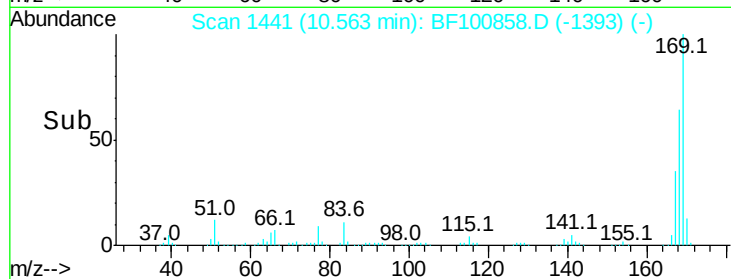
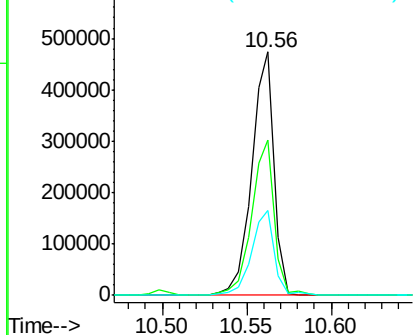
#65
 n-Nitrosodiphenylamine
 Concen: 50.350 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 436611
 Ion Ratio Lower Upper
 169 100
 168 63.7 54.4 81.6
 167 34.8 29.8 44.6

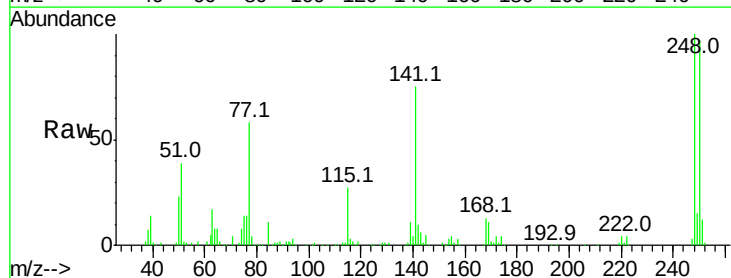


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

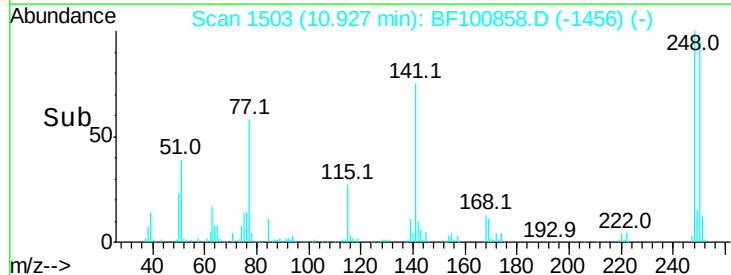
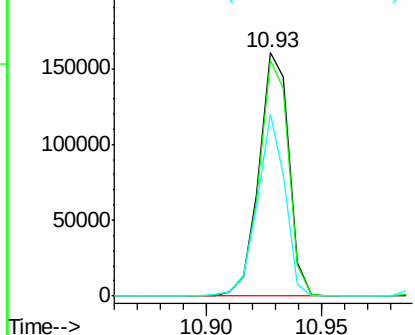


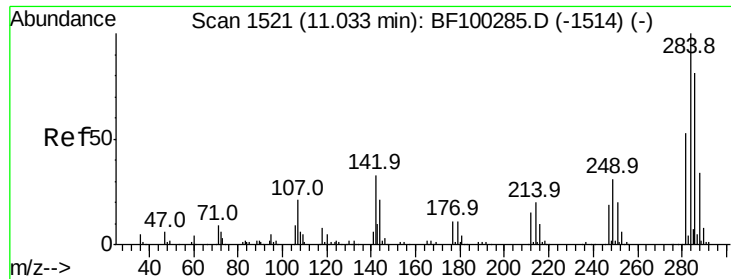
#66
 4-Bromophenyl-phenylether
 Concen: 54.236 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion:248 Resp: 144997
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.9 115.3
 141 74.9 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: 52.975 ng

RT: 11.00 min Scan# 1515

Delta R.T. -0.02 min

Lab File: BF100858.D

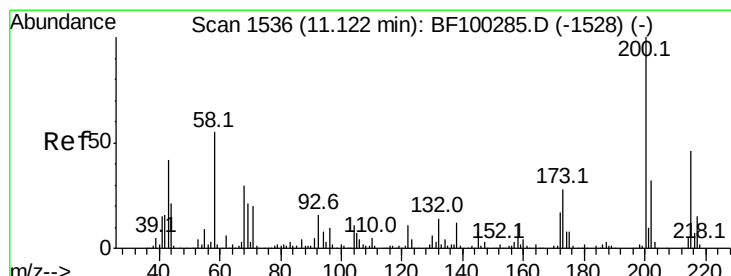
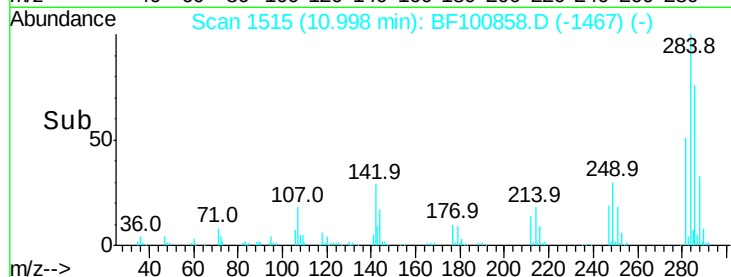
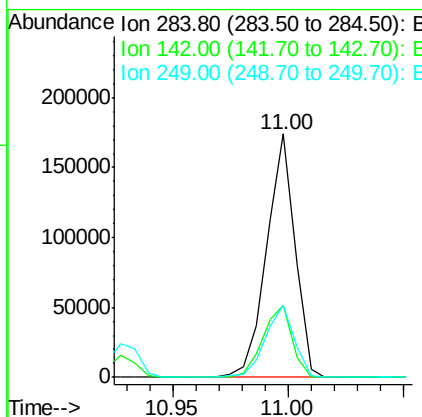
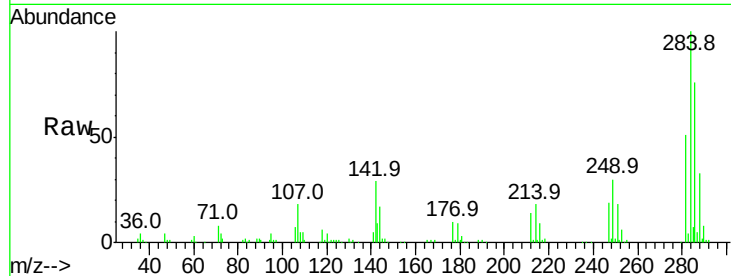
Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	284	Resp:	148124
Ion Ratio	Lower	Upper	
284	100		
142	29.4	34.6	52.0#
249	29.8	24.8	37.2



#68

Atrazine

Concen: 51.961 ng

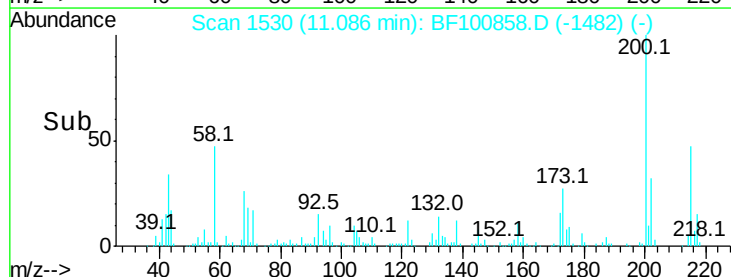
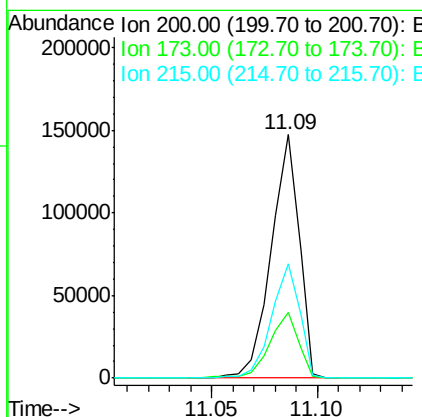
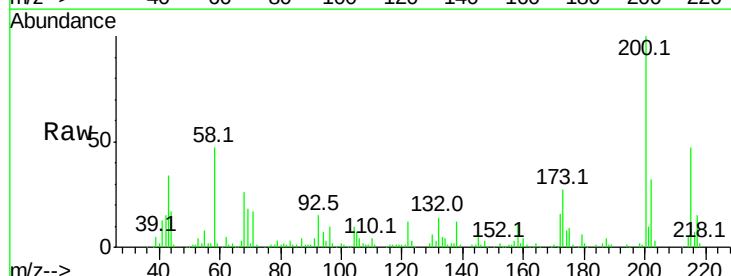
RT: 11.09 min Scan# 1530

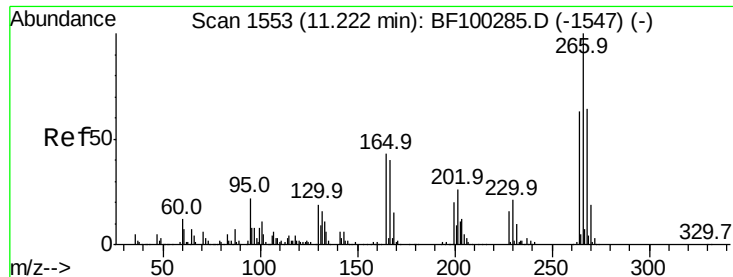
Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Tgt Ion:	200	Resp:	136392
Ion Ratio	Lower	Upper	
200	100		
173	27.1	8.6	48.6
215	46.9	25.1	65.1

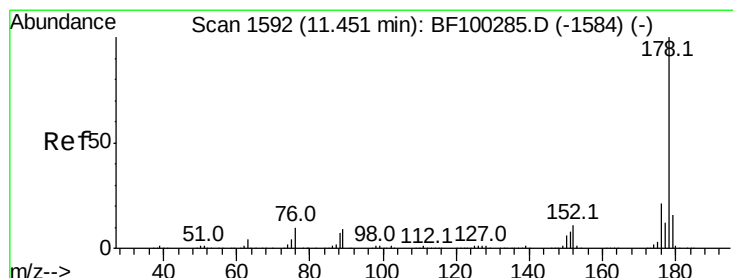
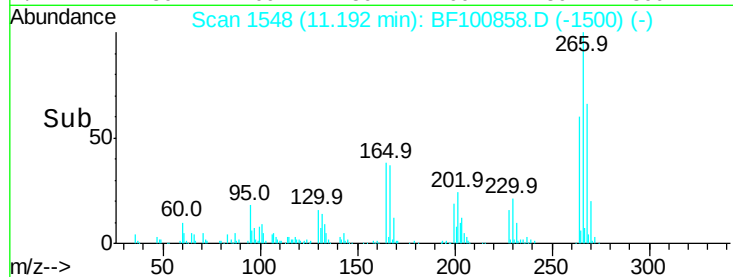
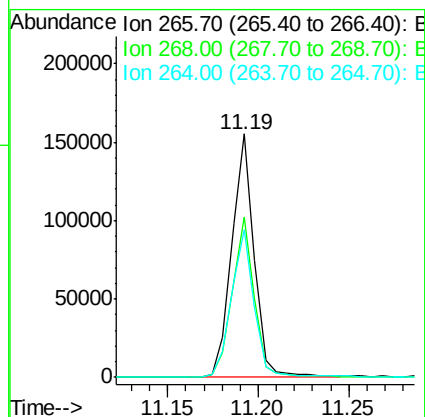
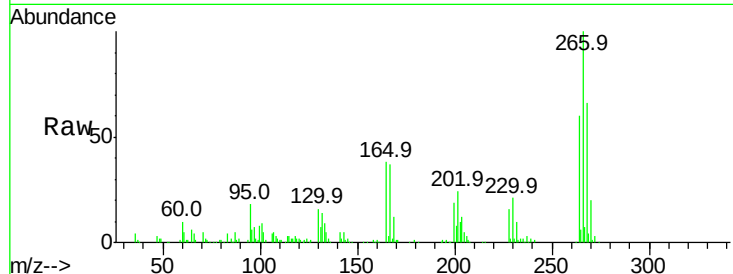




#69
 Pentachlorophenol
 Concen: 67.076 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

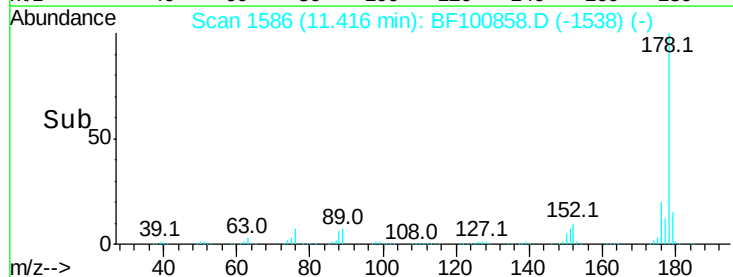
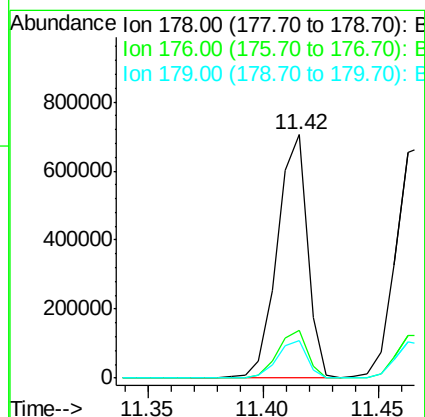
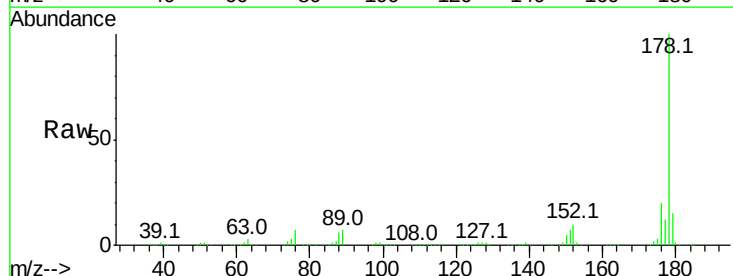
Instrument :
 BNA_F
 ClientSampled :

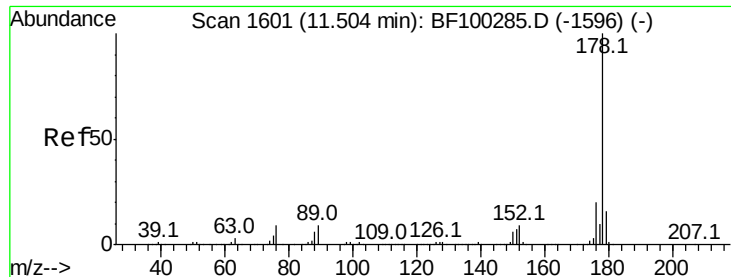
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	60.5	49.5	74.3



#70
 Phenanthrene
 Concen: 48.421 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.4	13.0	19.6

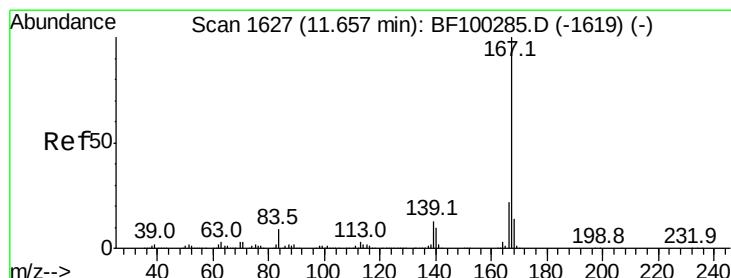
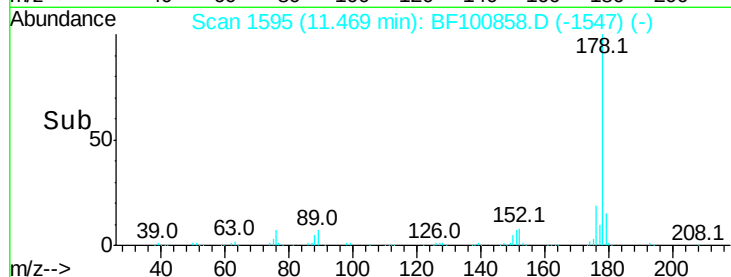
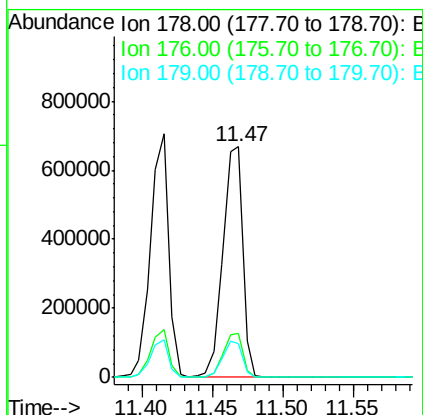
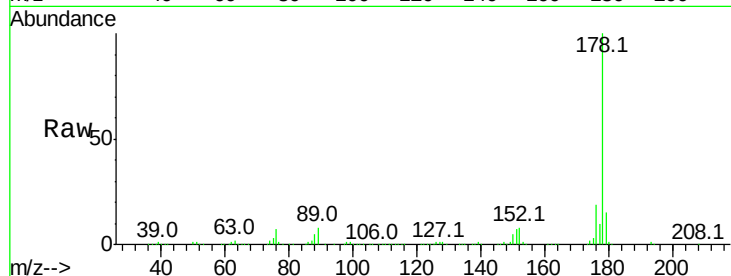




#71
 Anthracene
 Concen: 49.116 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

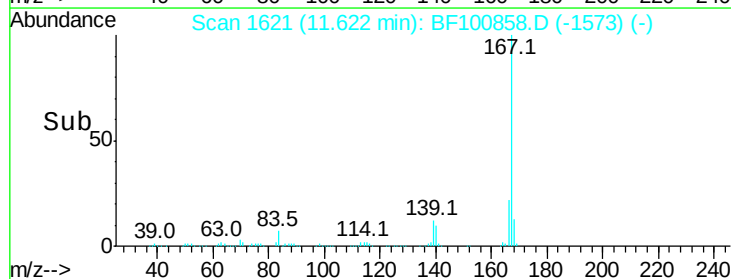
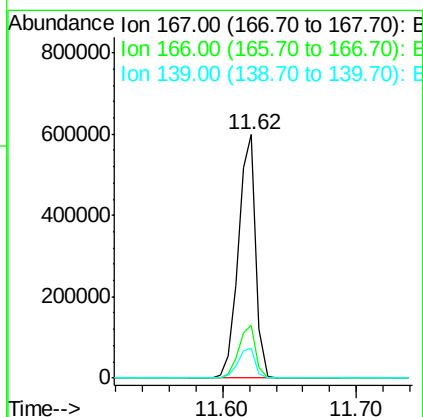
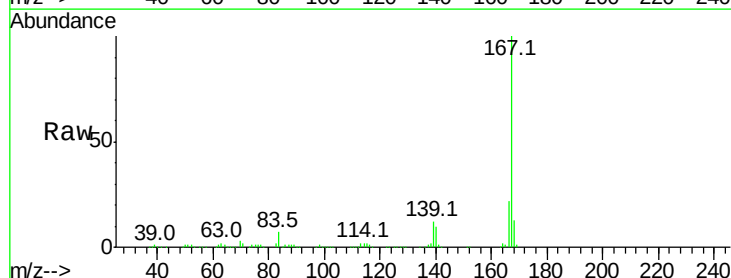
Instrument :
 BNA_F
 ClientSampleId :

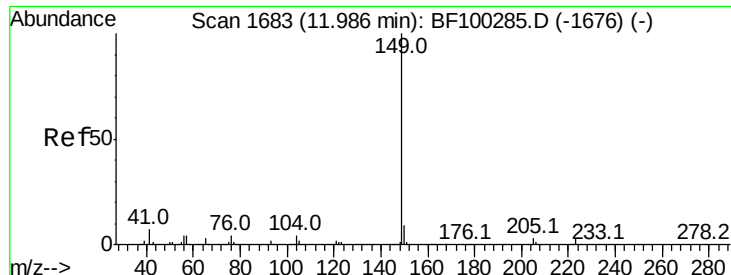
Tot Ion:178 Resp: 654312
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 14.7 12.6 19.0



#72
 Carbazole
 Concen: 44.180 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion:167 Resp: 543065
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.4 10.9 16.3

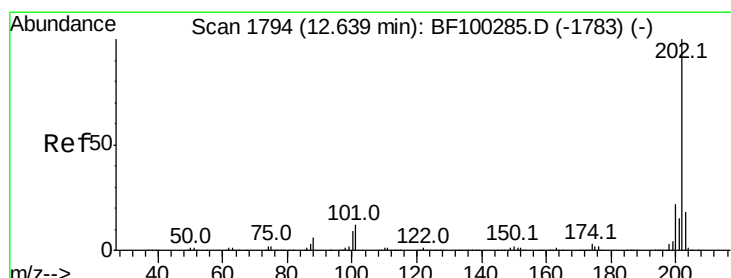
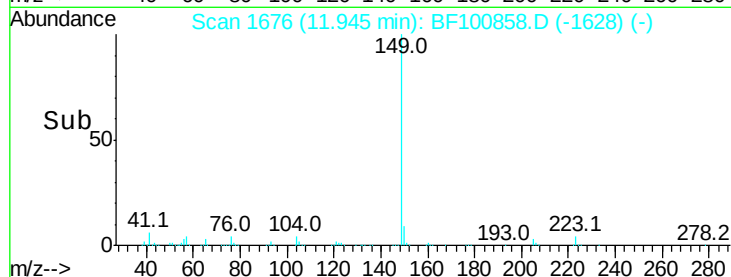
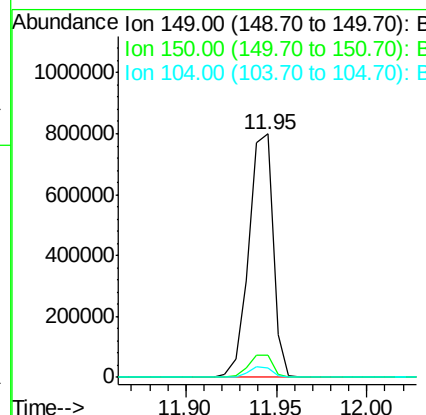
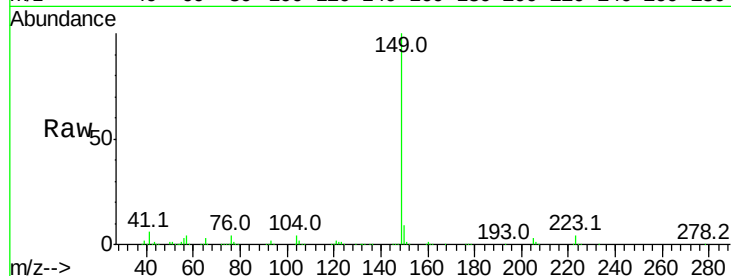




#73
Di-n-butylphthalate
Concen: 51.569 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

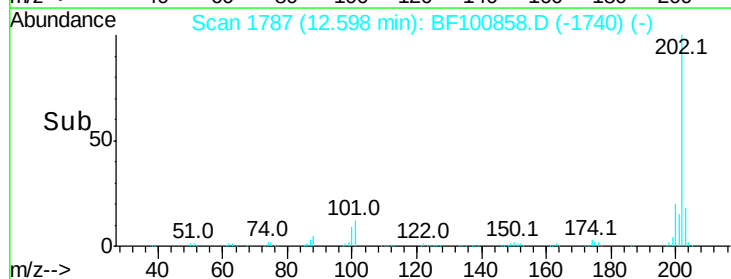
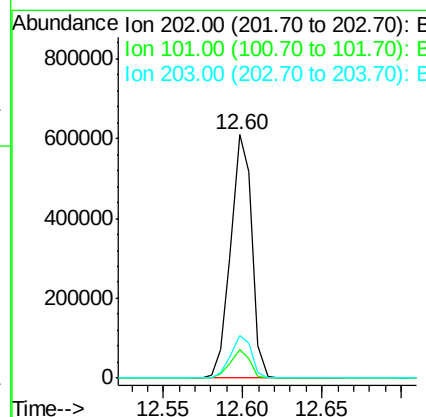
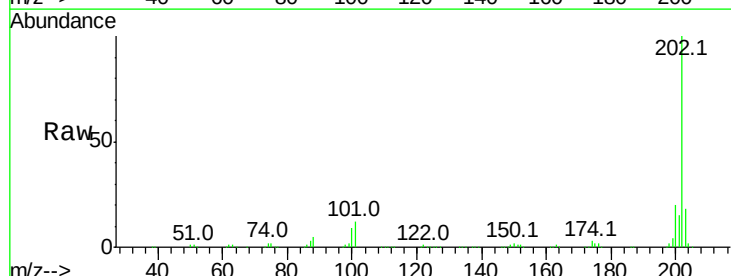
Instrument :
BNA_F
ClientSampleId :

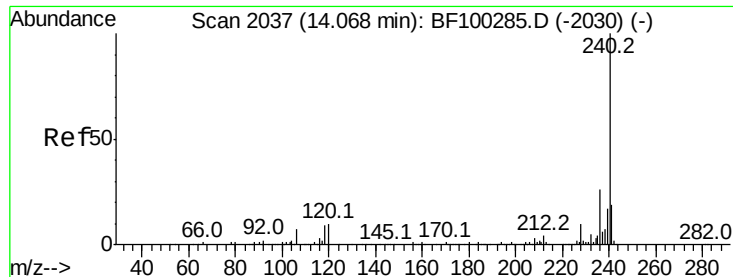
Tot Ion:149 Resp: 741804
Ion Ratio Lower Upper
149 100
150 8.9 7.8 11.6
104 3.8 3.8 5.8#



#74
Fluoranthene
Concen: 40.388 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion:202 Resp: 562046
Ion Ratio Lower Upper
202 100
101 11.8 0.0 34.1
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

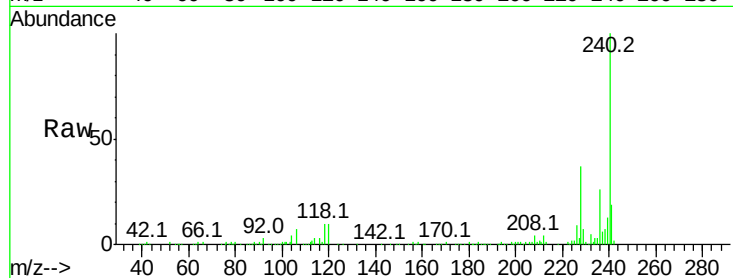
Tot Ion:240 Resp: 149013

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

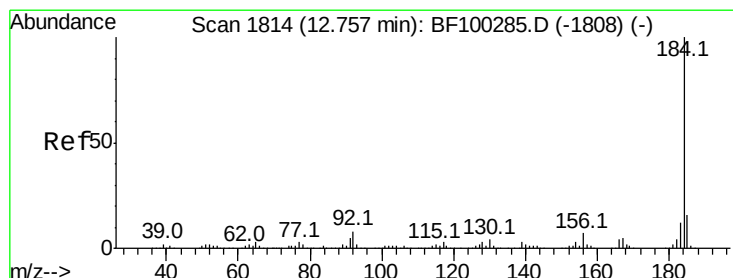
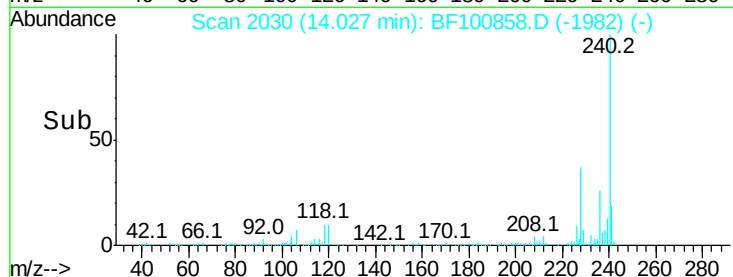
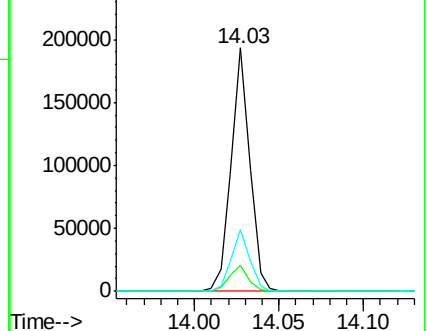
236 25.6 20.7 31.1



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: 39.219 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

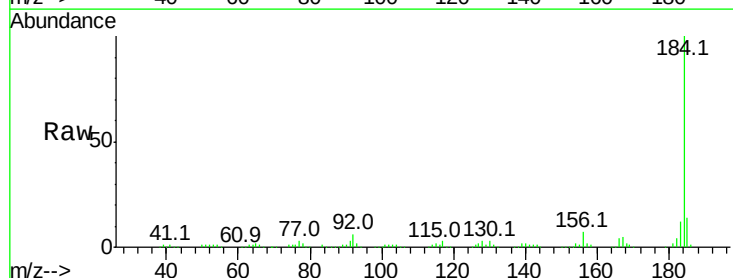
Tgt Ion:184 Resp: 234044

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

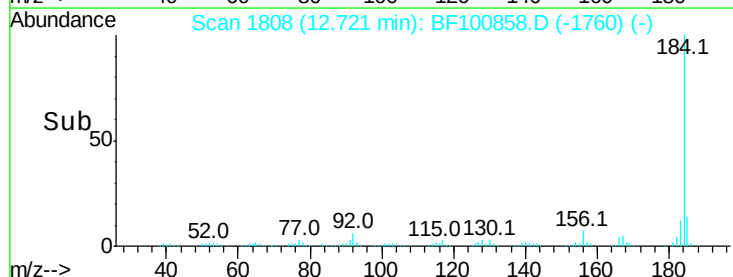
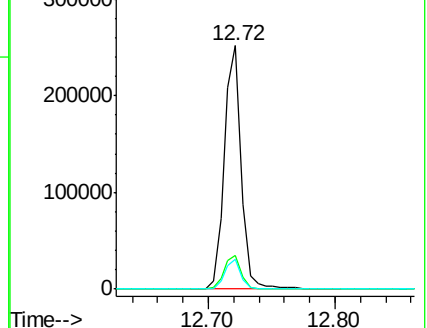
183 12.2 9.3 13.9

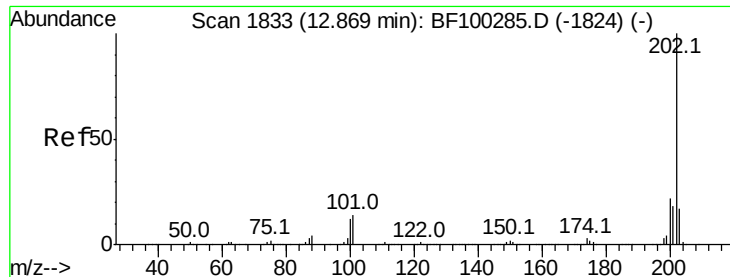


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

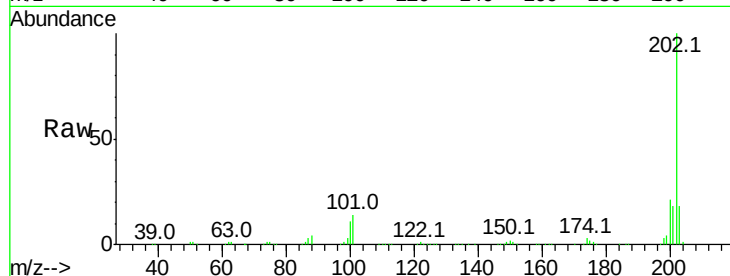




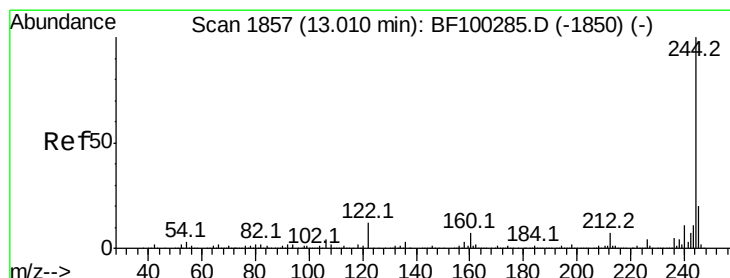
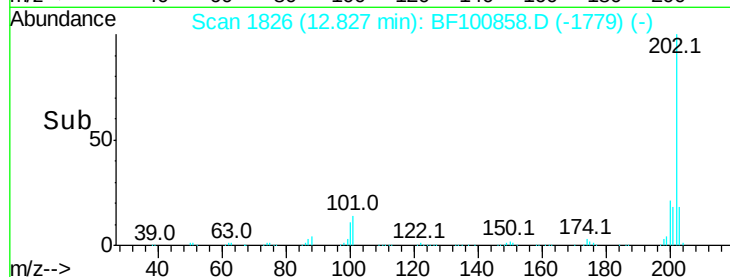
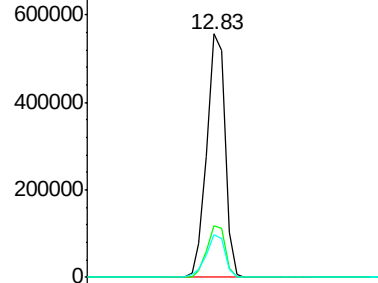
#77
Pvrene
Concen: 51.609 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.3	21.5



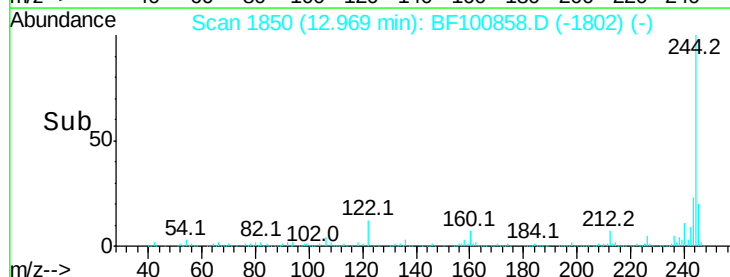
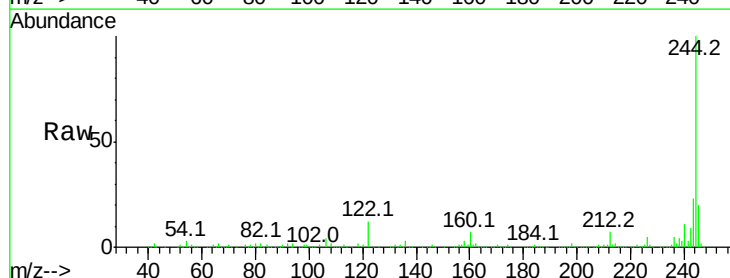
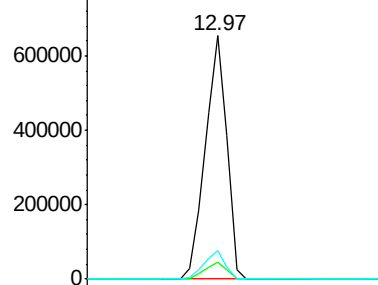
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

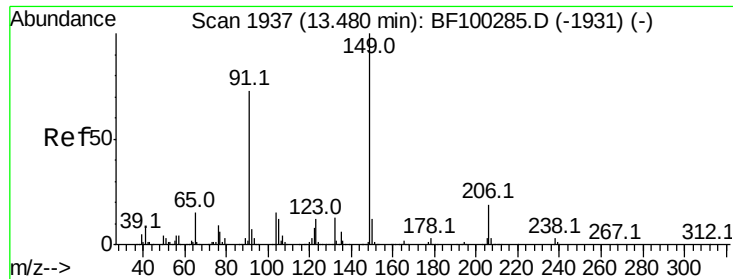


#78
Terphenyl-d14
Concen: 94.697 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.5	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

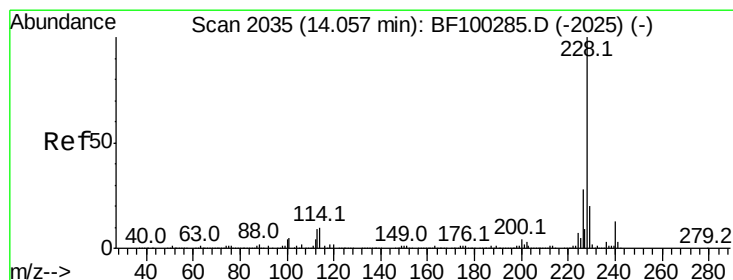
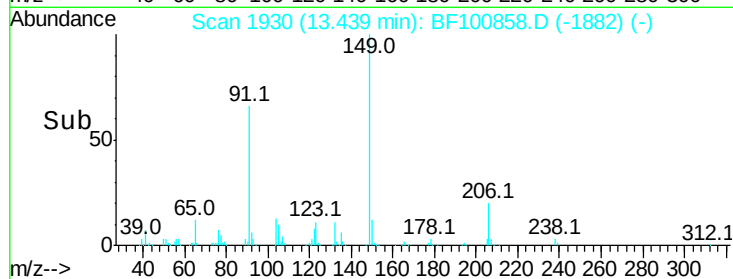
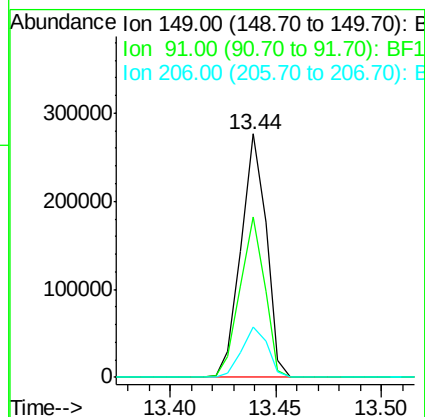
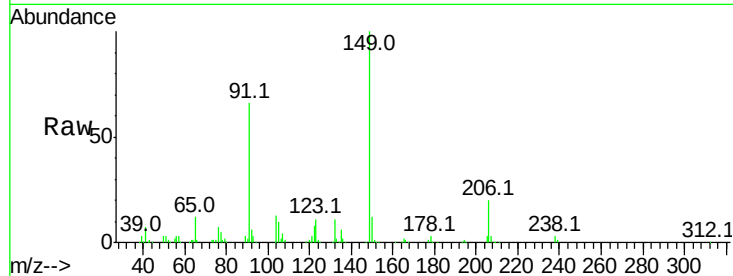




#79
Butylbenzylphthalate
Concen: 52.713 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

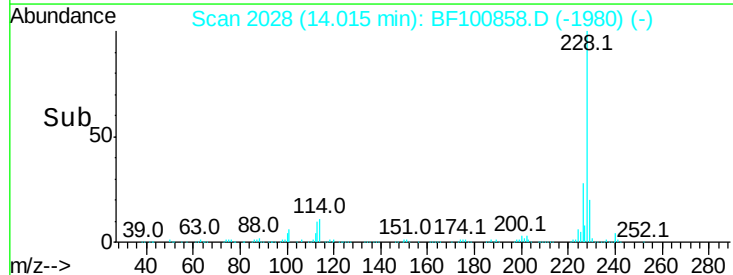
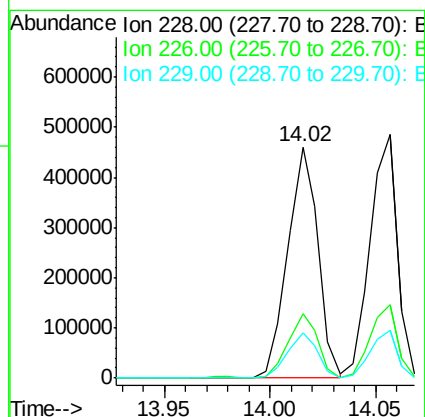
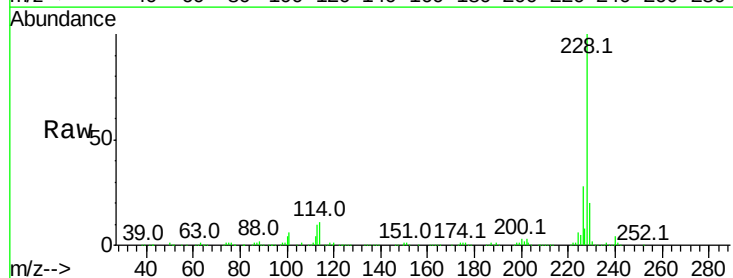
Instrument :
BNA_F
ClientSampleId :

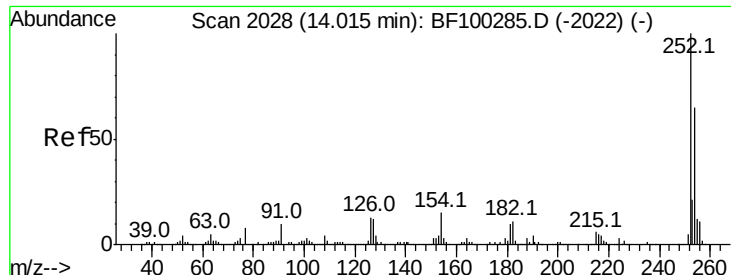
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.7	56.8	85.2
206	20.4	14.1	21.1



#80
Benzo(a)anthracene
Concen: 51.220 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.7	15.8	23.6

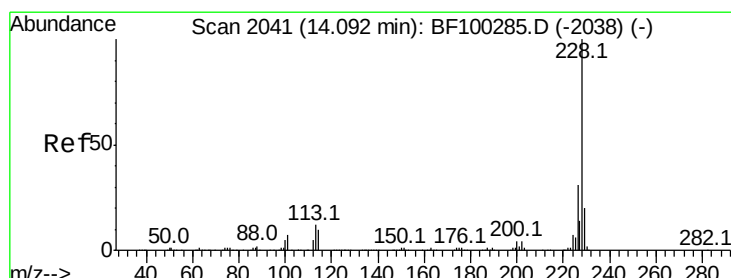
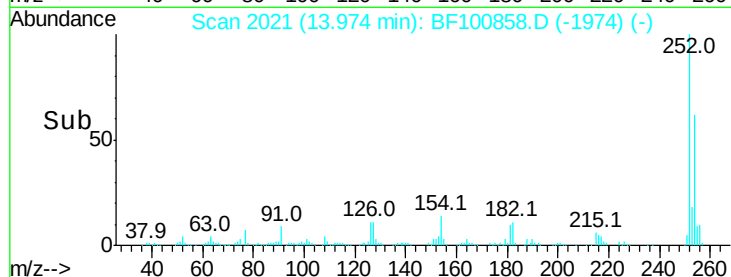
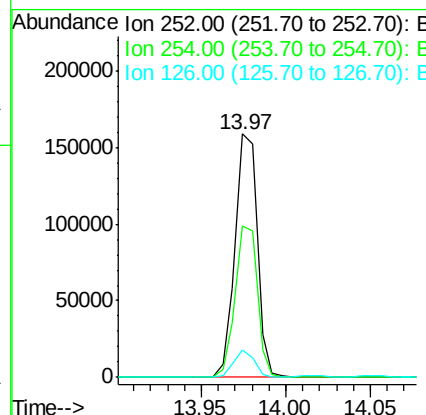
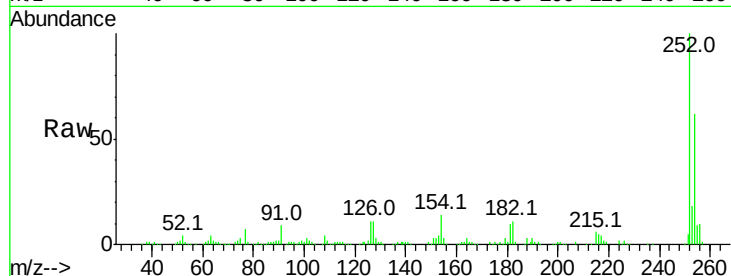




#81
 3,3'-Dichlorobenzidine
 Concen: 45.203 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

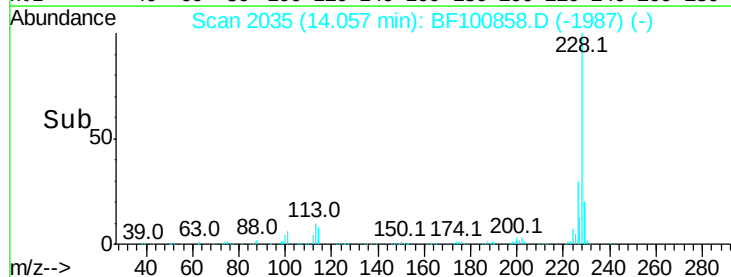
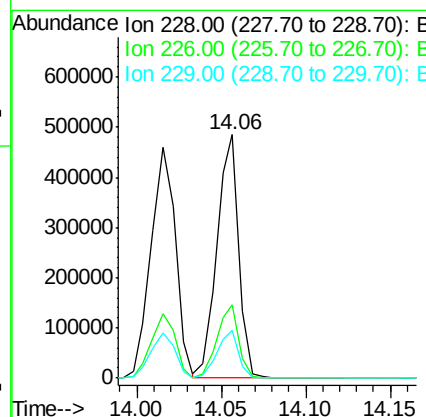
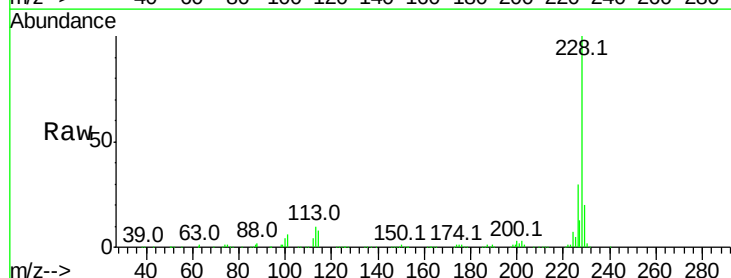
Instrument :
 BNA_F
 ClientSampleId :

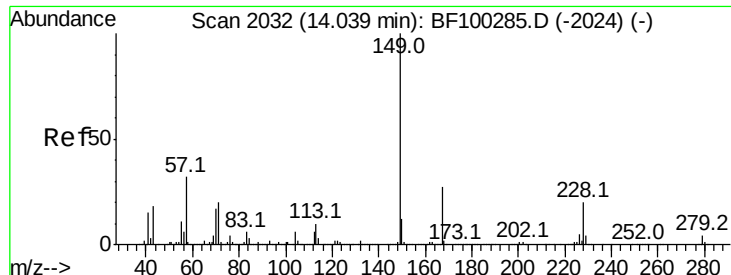
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.1	50.4	75.6
126	11.2	11.3	16.9



#82
 Chrysene
 Concen: 50.514 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.870 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

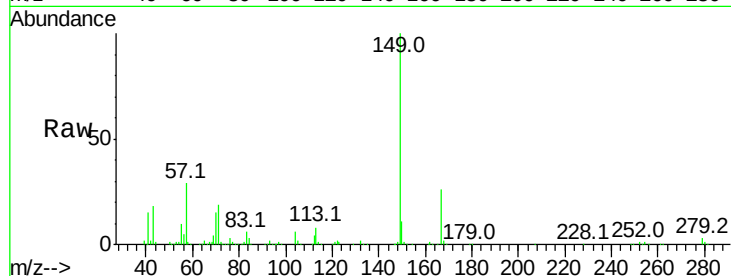
Tot Ion:149 Resp: 295528

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

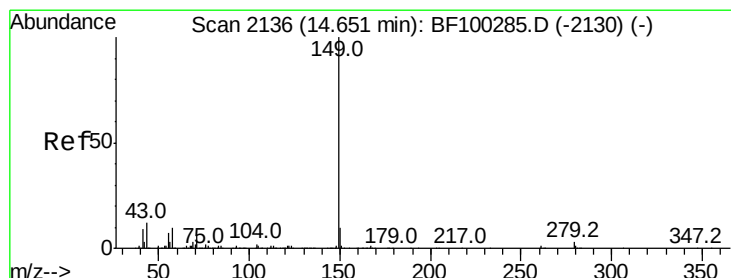
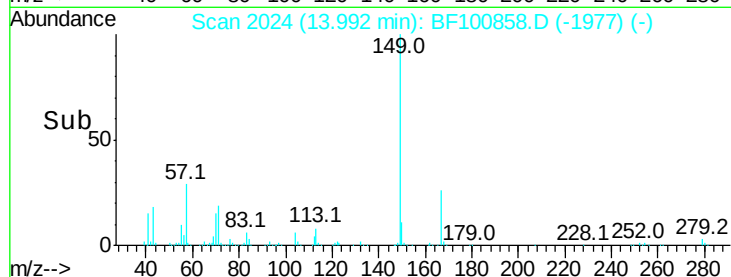
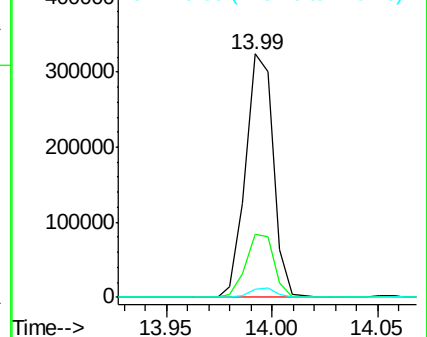
279 3.3 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.205 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

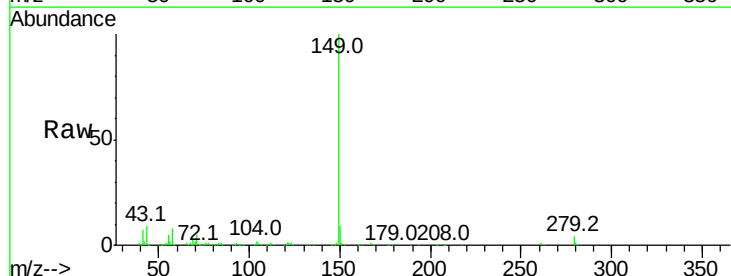
Tgt Ion:149 Resp: 481613

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

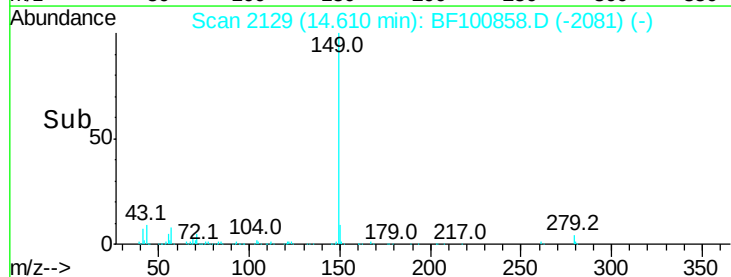
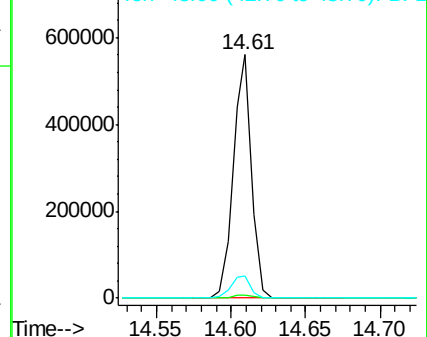
43 9.7 8.4 12.6

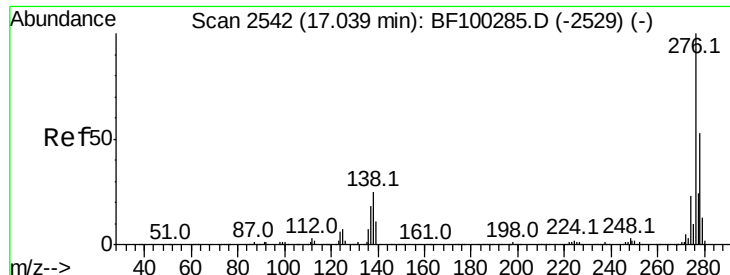


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

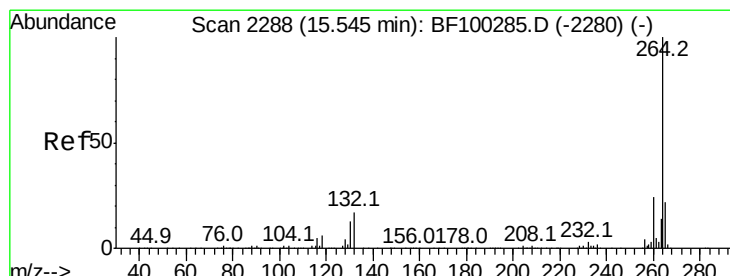
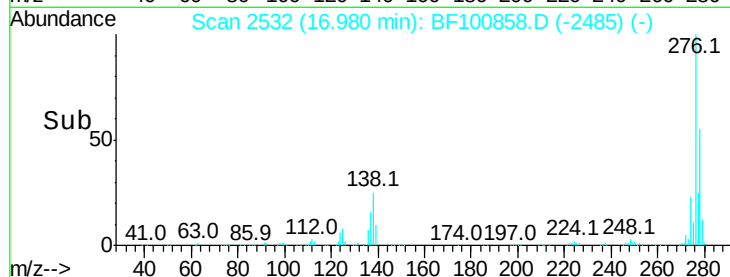
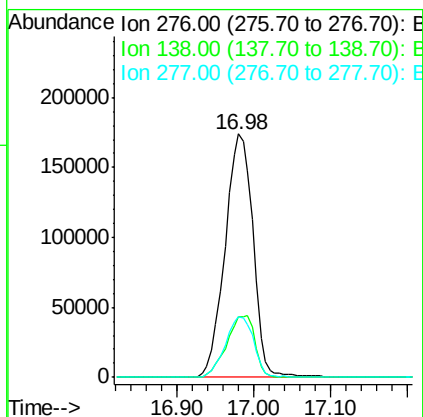
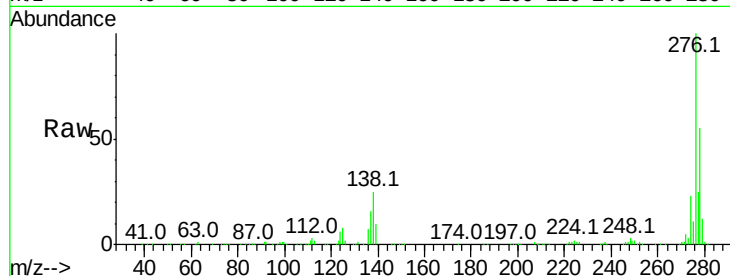




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.842 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

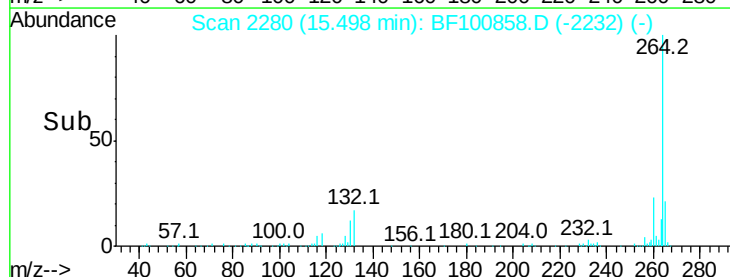
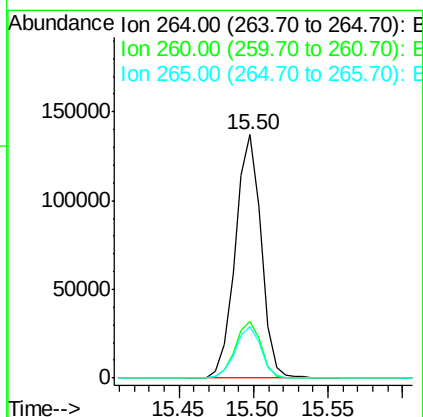
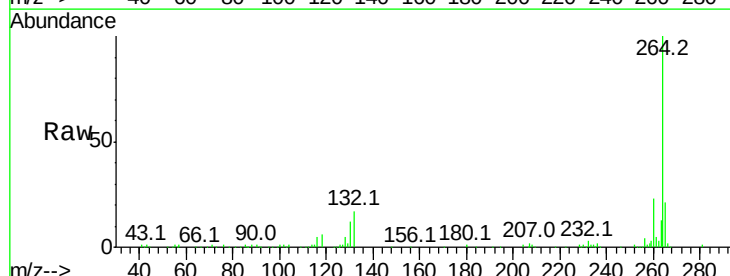
Instrument :
 BNA_F
 ClientSampleId :

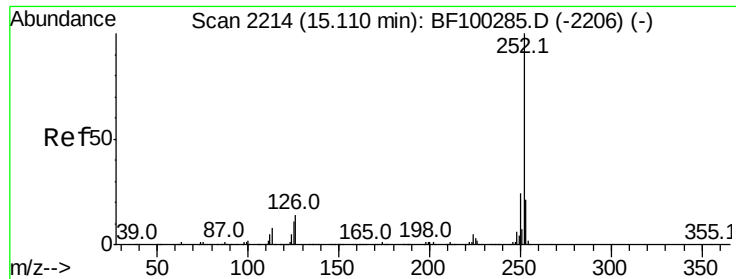
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.0	37.6
277	25.2	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BF100858.D
 Acq: 23 Nov 2017 7:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	17.5	26.3

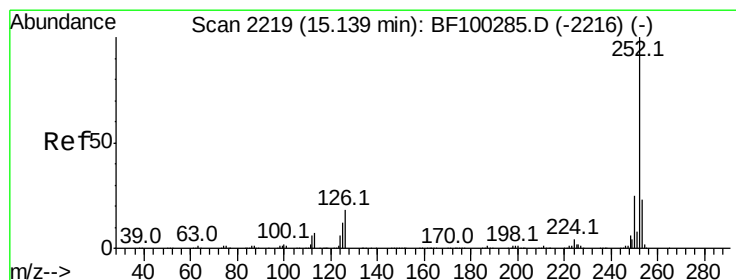
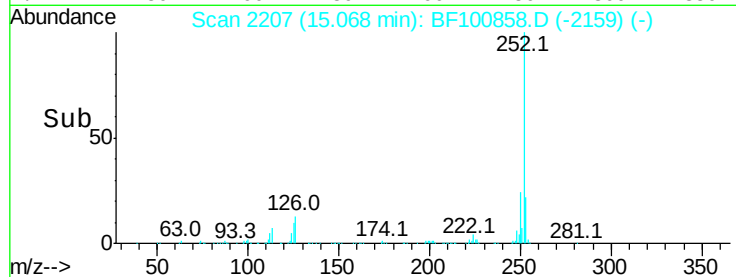
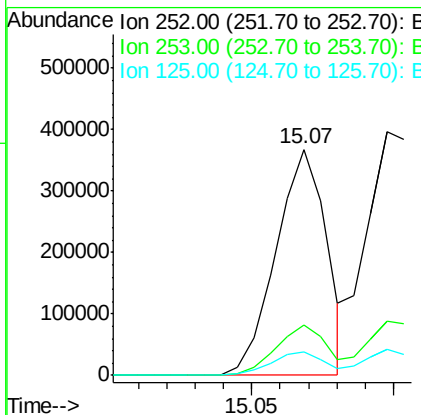
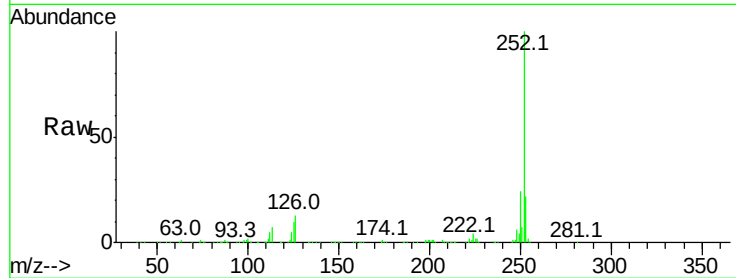




#87
Benzo(b)fluoranthene
Concen: 46.495 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

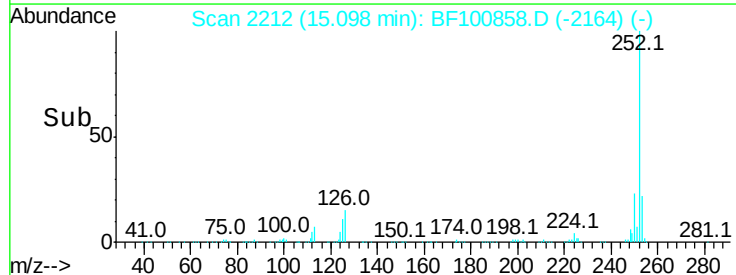
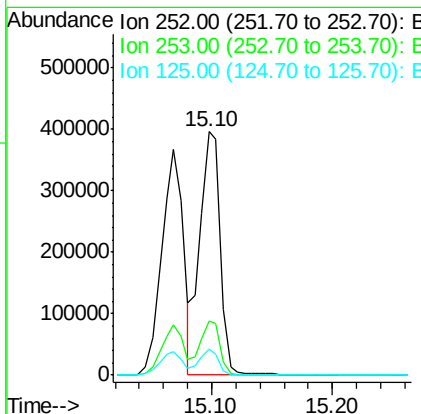
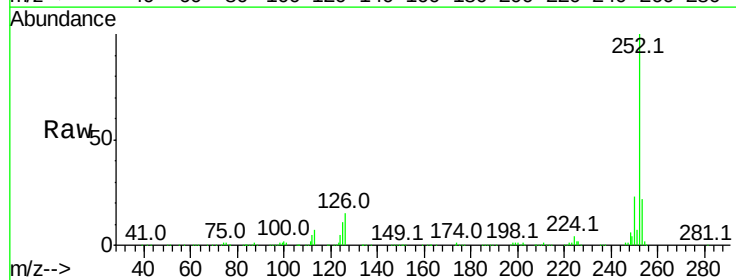
Instrument :
BNA_F
ClientSampled :

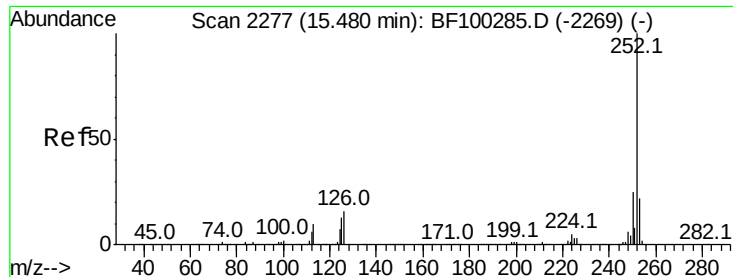
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	10.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 49.875 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.5	10.2	15.2

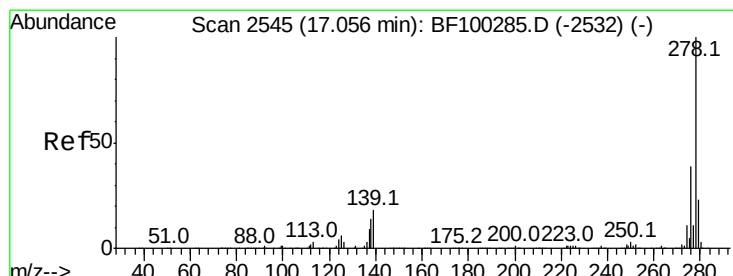
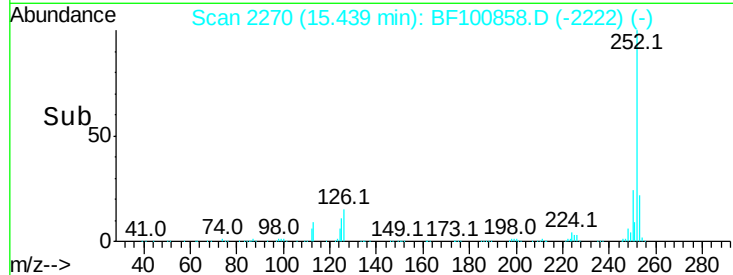
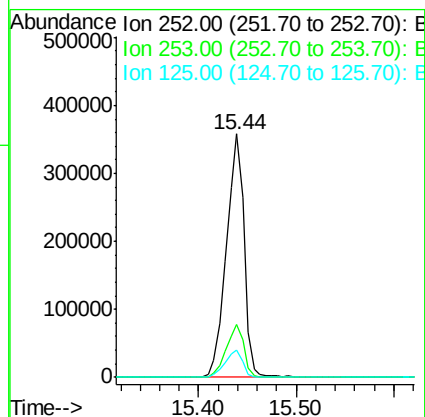
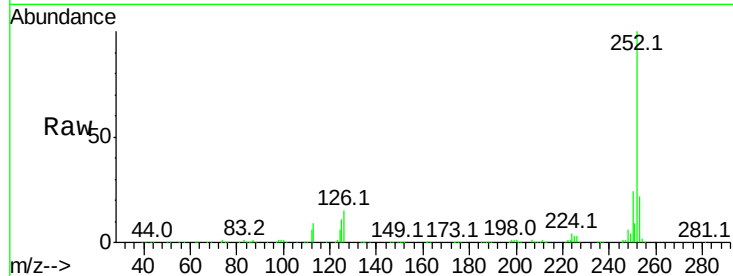




#89
Benzo(a)pyrene
Concen: 52.049 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

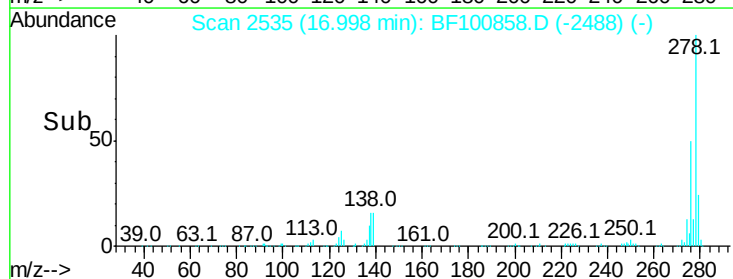
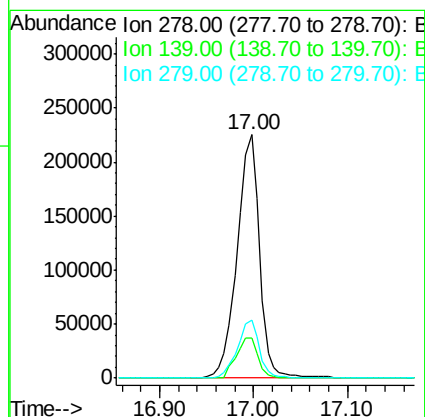
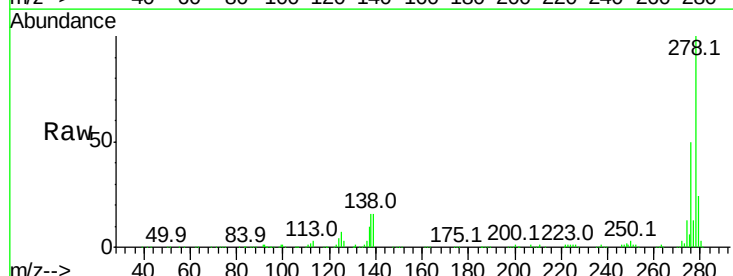
Instrument :
BNA_F
ClientSampled :

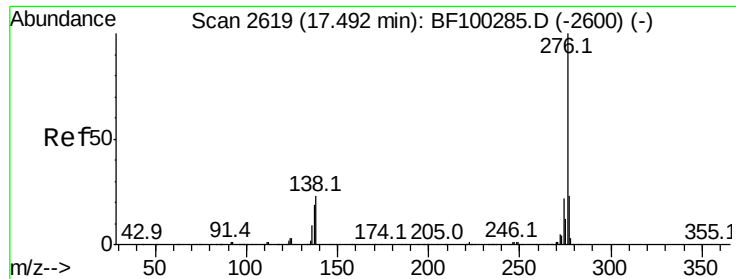
Tot Ion:252 Resp: 453693
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 11.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 52.616 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF100858.D
Acq: 23 Nov 2017 7:35

Tgt Ion:278 Resp: 375081
Ion Ratio Lower Upper
278 100
139 16.3 15.9 23.9
279 23.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 50.288 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.03 min

Lab File: BF100858.D

Acq: 23 Nov 2017 7:35

Instrument :

BNA_F

ClientSampleId :

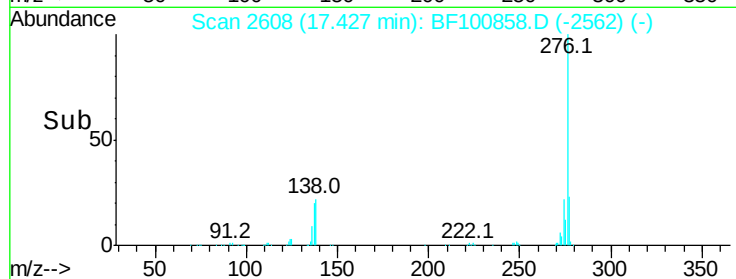
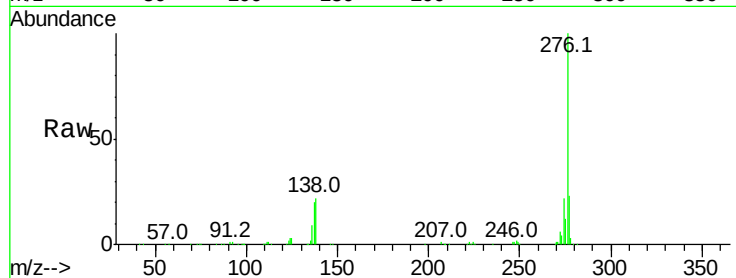
Tot Ion:276 Resp: 350915

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 21.6 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

