

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100351.D
 Acq On : 9 Nov 2017 20:08
 Operator : SJ/JU
 Sample : PB104074BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 00:26:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	156385	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	632526	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	305040	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	596298	20.00	ng	0.00
75) Chrysene-d12	14.07	240	432560	20.00	ng	0.00
86) Perylene-d12	15.54	264	346533	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1148540	117.73	ng	0.02
7) Phenol-d6	6.53	99	1433798	119.18	ng	0.00
23) Nitrobenzene-d5	7.47	82	914492	95.59	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	401042	129.02	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1708474	85.28	ng	0.00
78) Terphenyl-d14	13.02	244	1622874	86.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	170085	35.775	ng	94
3) Pyridine	3.56	79	486060	37.473	ng	92
4) n-Nitrosodimethylamine	3.52	42	238329	37.844	ng	97
6) Aniline	6.57	93	463442	27.268	ng	100
8) 2-Chlorophenol	6.69	128	433879	42.040	ng	97
9) Benzaldehyde	6.45	77	259347	30.187	ng	99
10) Phenol	6.55	94	545114	43.163	ng	97
11) bis(2-Chloroethyl)ether	6.64	93	420329	39.624	ng	95
12) 1,3-Dichlorobenzene	6.85	146	475640	39.973	ng	99
13) 1,4-Dichlorobenzene	6.92	146	485989	40.354	ng	97
14) 1,2-Dichlorobenzene	7.07	146	449747	40.390	ng	98
15) Benzyl Alcohol	7.04	79	396918	42.275	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	791557	46.655	ng	97
17) 2-Methylphenol	7.15	107	383916	43.529	ng	98
18) Hexachloroethane	7.42	117	169911	42.790	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	317075	38.005	ng	96
20) 3+4-Methylphenols	7.30	107	461474	41.348	ng	92
22) Acetophenone	7.31	105	589528	38.221	ng	# 96
24) Nitrobenzene	7.49	77	469076	47.636	ng	95
25) Isophorone	7.72	82	896250	44.579	ng	98
26) 2-Nitrophenol	7.80	139	238774	51.301	ng	98
27) 2,4-Dimethylphenol	7.83	122	440717	48.900	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	557938	42.426	ng	99
29) 2,4-Dichlorophenol	8.04	162	394534	45.855	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	391511	42.067	ng	98
31) Naphthalene	8.21	128	1263008	41.457	ng	99
32) Benzoic acid	7.95	122	291009	43.305	ng	95
33) 4-Chloroaniline	8.25	127	201375	15.880	ng	99
34) Hexachlorobutadiene	8.32	225	227422	41.099	ng	98
36) 4-Chloro-3-methylphenol	8.73	107	416494	45.072	ng	99
37) 2-Methylnaphthalene	8.90	142	869543	42.991	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	374916	37.059	ng	98
40) Hexachlorocyclopentadiene	9.05	237	470853	98.890	ng	99
42) 2,4,6-Trichlorophenol	9.17	196	299408	46.697	ng	100

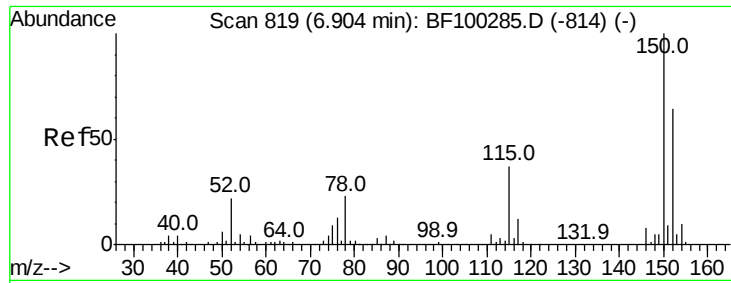
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.21	196	309398	46.574	nq	96
45) 1,1'-Biphenyl	9.36	154	1027955	38.963	nq	99
46) 2-Chloronaphthalene	9.39	162	810274	42.335	nq	98
47) 2-Nitroaniline	9.48	65	275783	48.719	nq	91
48) Acenaphthylene	9.80	152	1293174	40.770	nq	99
49) Dimethylphthalate	9.66	163	979298	42.048	nq	100
50) 2,6-Dinitrotoluene	9.72	165	223167	48.408	nq	96
51) Acenaphthene	9.97	154	859290	44.544	nq	99
52) 3-Nitroaniline	9.89	138	142971	26.263	nq	92
53) 2,4-Dinitrophenol	10.00	184	192655	89.885	nq	# 14
54) Dibenzofuran	10.15	168	1131405	41.846	nq	98
55) 4-Nitrophenol	10.05	139	388989	87.999	nq	95
56) 2,4-Dinitrotoluene	10.13	165	302112	51.946	nq	98
57) Fluorene	10.49	166	849901	42.910	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	256454	47.103	nq	# 89
59) Diethylphthalate	10.36	149	968593	41.558	nq	96
60) 4-Chlorophenyl-phenylether	10.48	204	414164	42.625	nq	94
61) 4-Nitroaniline	10.51	138	238407	46.185	nq	94
62) Azobenzene	10.65	77	954683	43.491	nq	93
64) 4,6-Dinitro-2-methylphenol	10.53	198	137870	46.186	nq	84
65) n-Nitrosodiphenylamine	10.60	169	837516	40.394	nq	96
66) 4-Bromophenyl-phenylether	10.97	248	276810	43.304	nq	# 85
67) Hexachlorobenzene	11.04	284	286908	42.915	nq	# 84
68) Atrazine	11.13	200	273189	43.528	nq	97
69) Pentachlorophenol	11.23	266	342153	71.373	nq	98
70) Phenanthrene	11.46	178	1301108	41.442	nq	99
71) Anthracene	11.51	178	1348955	42.350	nq	99
72) Carbazole	11.66	167	1202669	40.920	nq	99
73) Di-n-butylphthalate	11.99	149	1517969	44.134	nq	99
74) Fluoranthene	12.64	202	1383471	41.578	nq	99
76) Benzidine	12.76	184	636977	36.770	nq	98
77) Pyrene	12.87	202	1394479	45.225	nq	99
79) Butylbenzylphthalate	13.49	149	610090	48.517	nq	# 96
80) Benzo(a)anthracene	14.06	228	1110272	42.623	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	195397	20.936	nq	97
82) Chrysene	14.10	228	1058148	41.949	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	801408	48.456	nq	99
84) Di-n-octyl phthalate	14.65	149	1259387	44.325	nq	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	893015	43.769	nq	96
87) Benzo(b)fluoranthene	15.12	252	904238	44.044	nq	98
88) Benzo(k)fluoranthene	15.14	252	844775	43.549	nq	97
89) Benzo(a)pyrene	15.49	252	826367	45.403	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	742743	49.899	nq	97
91) Benzo(g,h,i)perylene	17.50	276	760310	52.181	nq	95

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

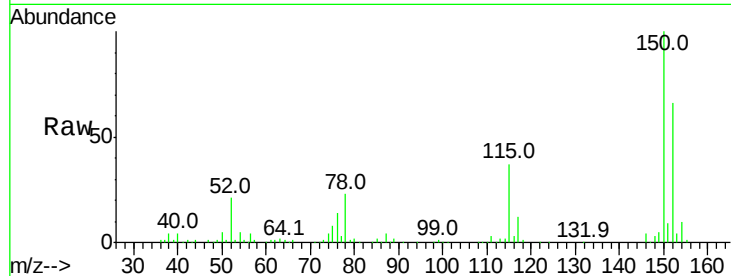


#1

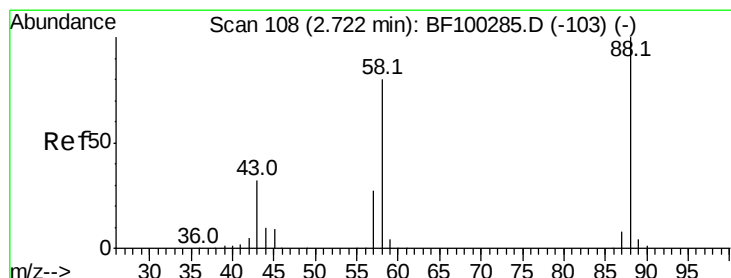
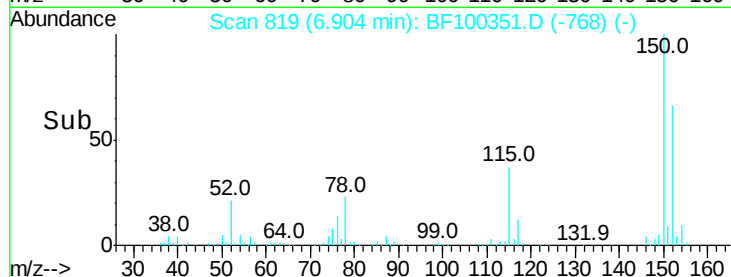
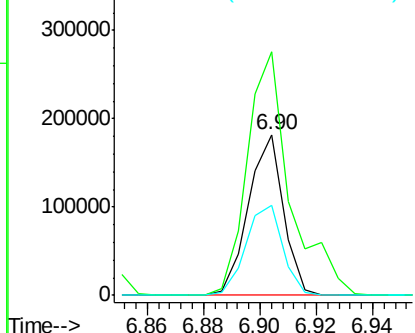
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.6	186.8
115	56.3	50.1	75.1



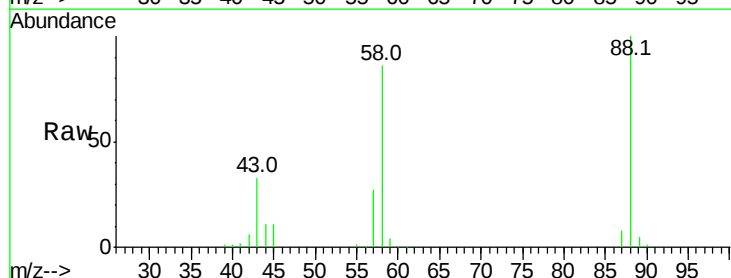
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



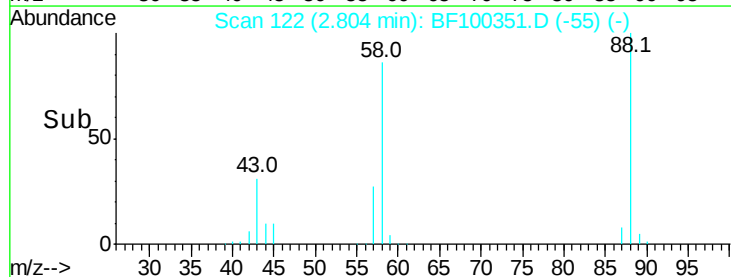
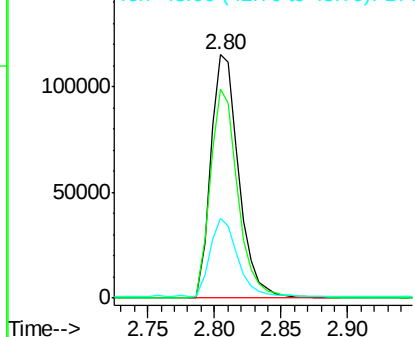
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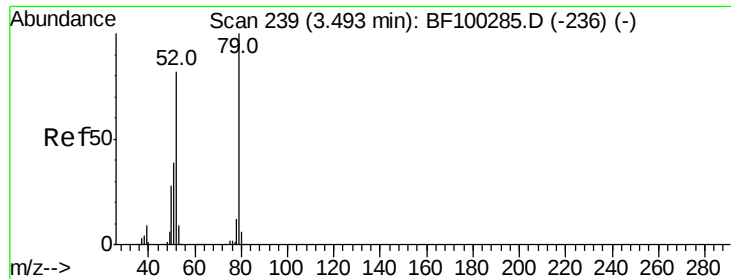
1,4-Dioxane
Concen: 35.775 ng
RT: 2.80 min Scan# 122
Delta R.T. 0.09 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.6	62.6	93.8
43	31.4	24.6	37.0



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





#3

Pvridine

Concen: 37.473 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.08 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

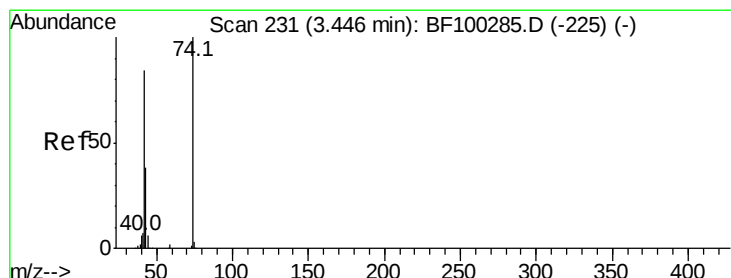
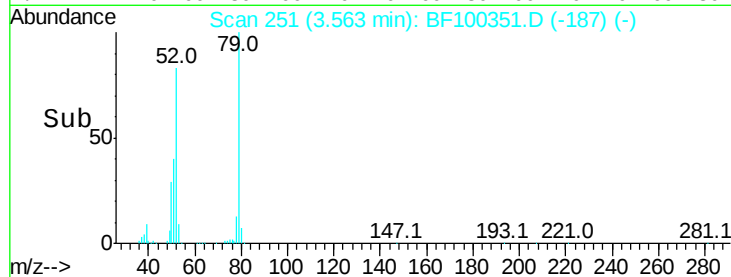
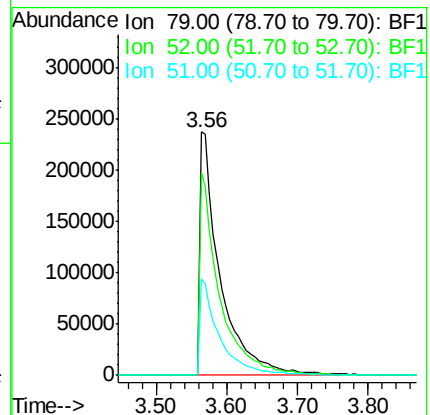
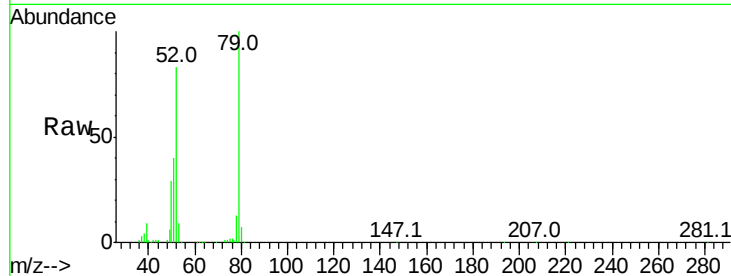
Tot Ion: 79 Resp: 486060

Ion Ratio Lower Upper

79 100

52 83.2 59.8 89.6

51 39.5 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.844 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.07 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

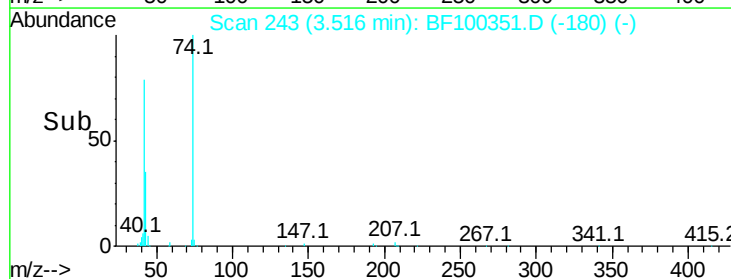
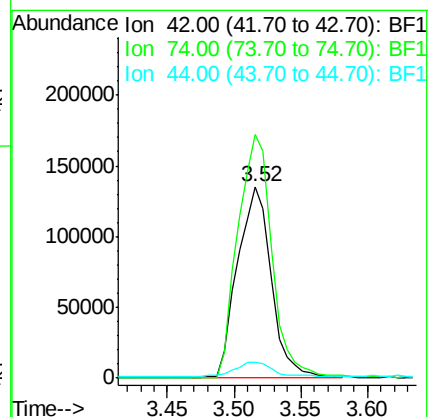
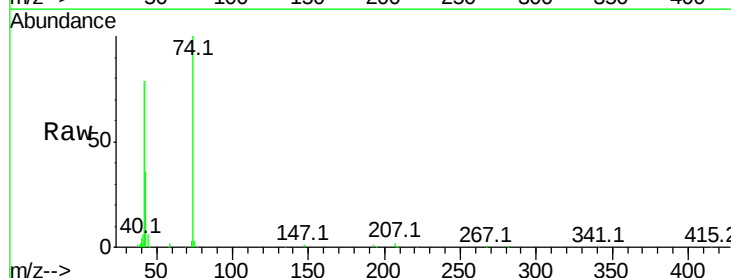
Tgt Ion: 42 Resp: 238329

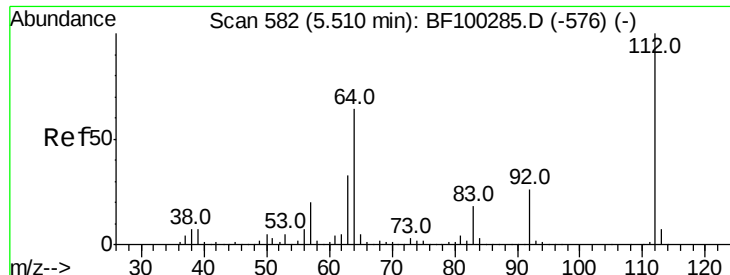
Ion Ratio Lower Upper

42 100

74 127.3 104.9 157.3

44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 117.728 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampled :

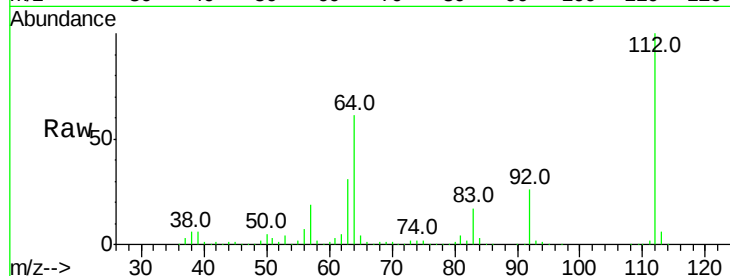
Tot Ion:112 Resp: 1148540

Ion Ratio Lower Upper

112 100

64 60.5 47.9 71.9

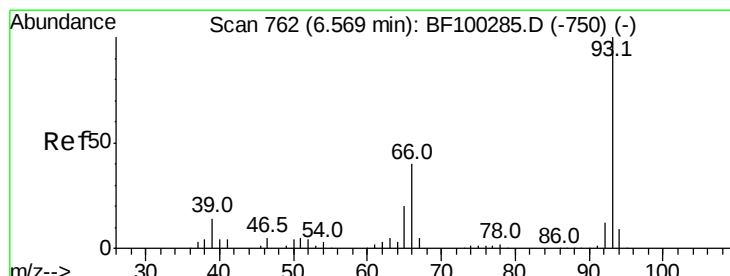
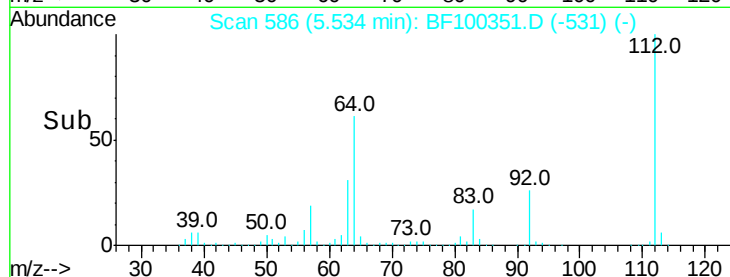
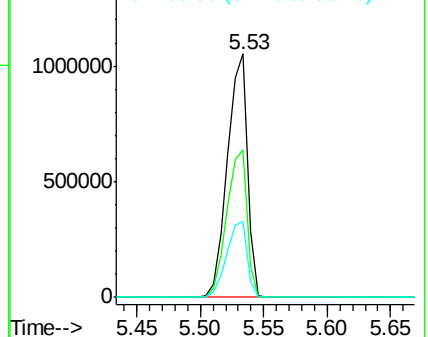
63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.268 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

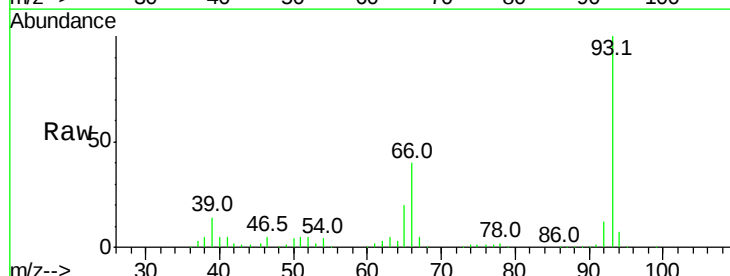
Tgt Ion: 93 Resp: 463442

Ion Ratio Lower Upper

93 100

66 40.0 32.2 48.2

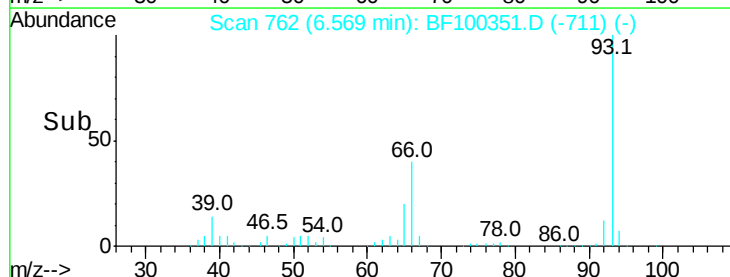
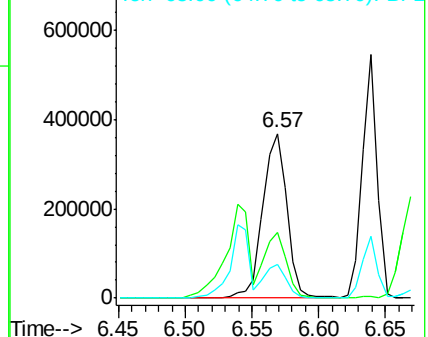
65 20.5 16.4 24.6



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: 119.183 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampled :

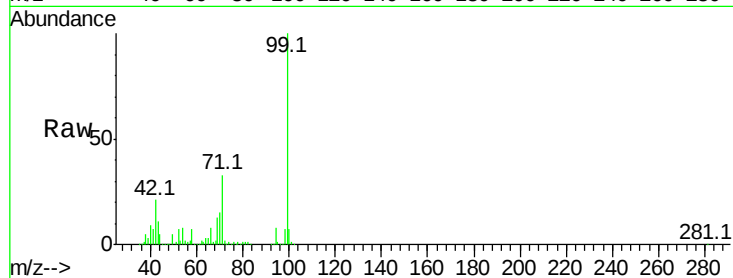
Tot Ion: 99 Resp: 1433798

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

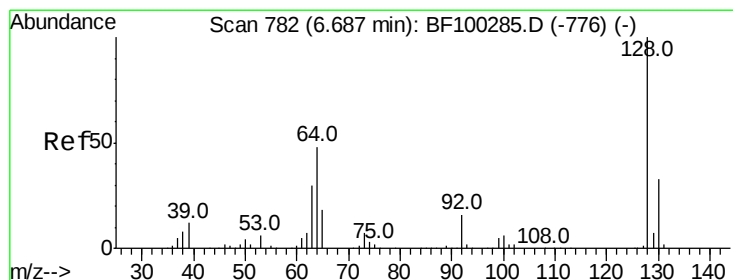
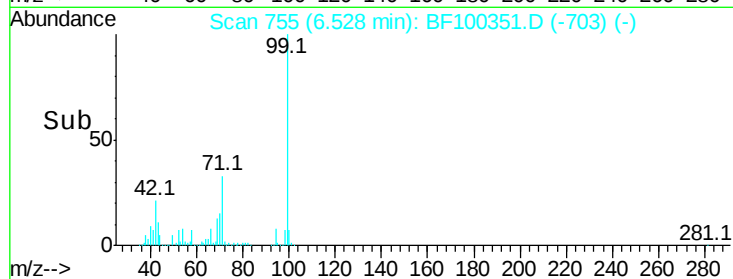
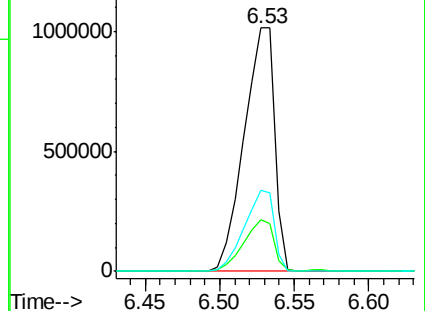
71 33.3 25.4 38.0



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: 42.040 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

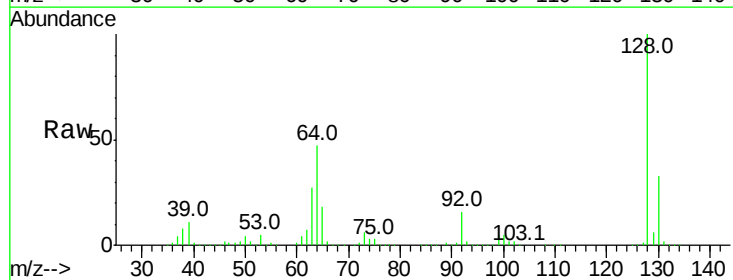
Tgt Ion:128 Resp: 433879

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

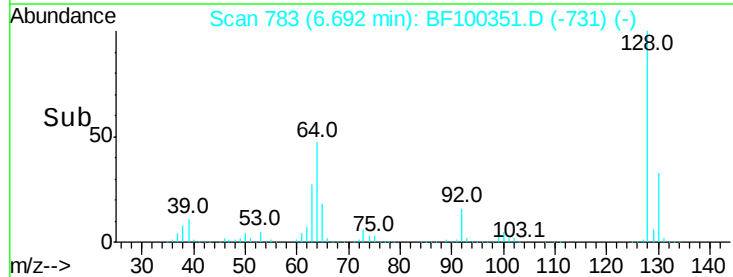
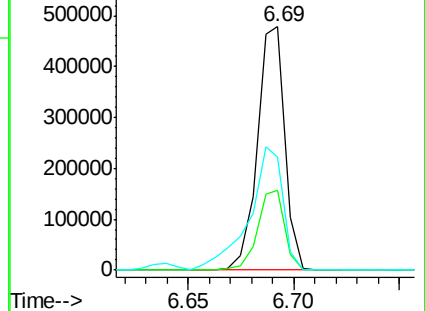
64 46.6 29.4 69.4

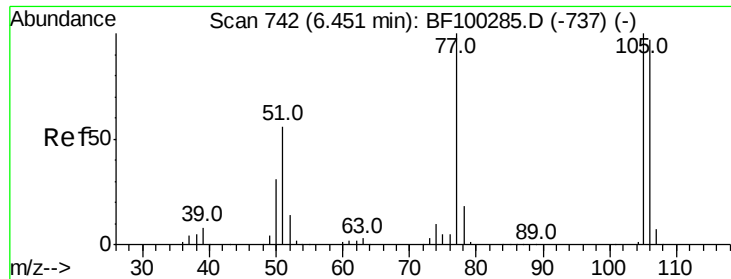


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

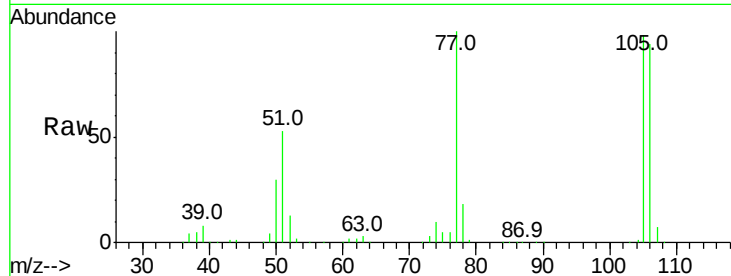




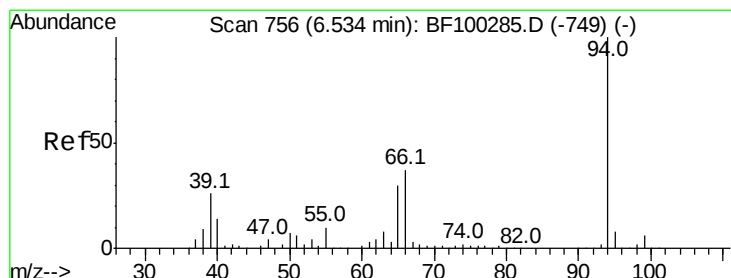
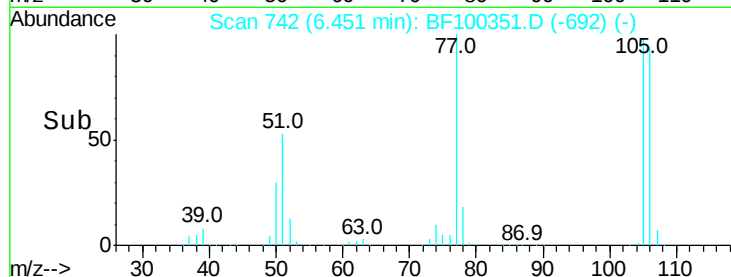
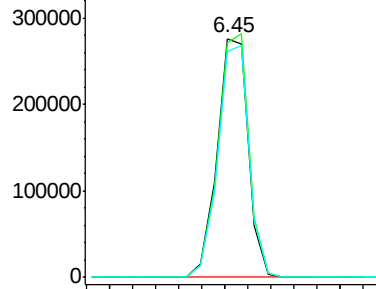
#9
Benzaldehyde
Concen: 30.187 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 259347
Ion Ratio Lower Upper
77 100
105 98.5 81.1 121.1
106 94.4 74.5 114.5

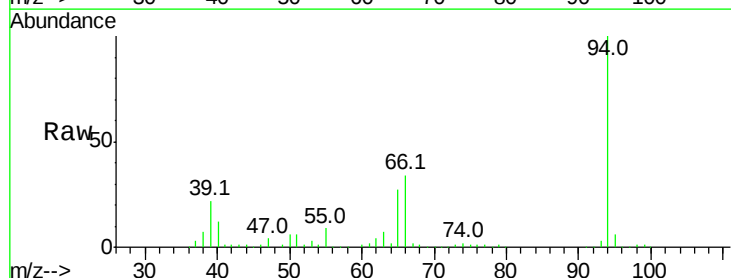


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

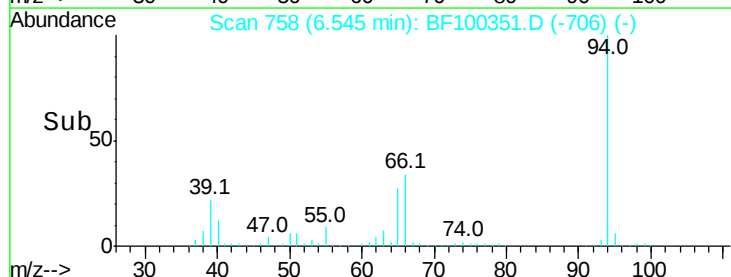
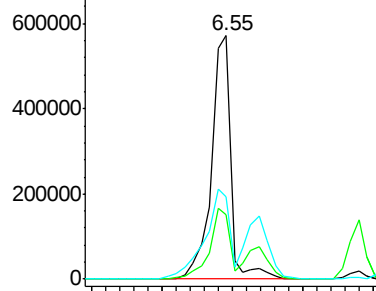


#10
Phenol
Concen: 43.163 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion: 94 Resp: 545114
Ion Ratio Lower Upper
94 100
65 26.6 7.9 47.9
66 34.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.624 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

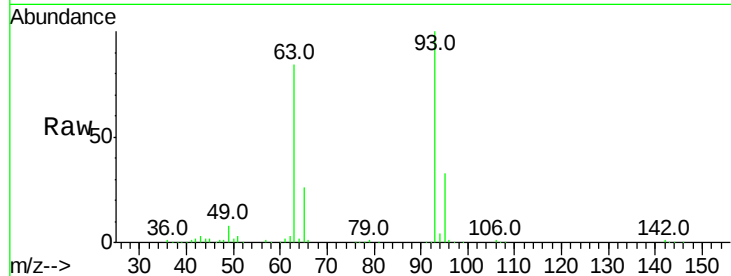
Tot Ion: 93 Resp: 420329

Ion Ratio Lower Upper

93 100

63 84.3 58.6 98.6

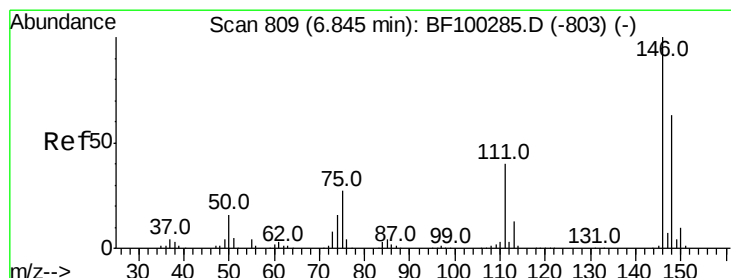
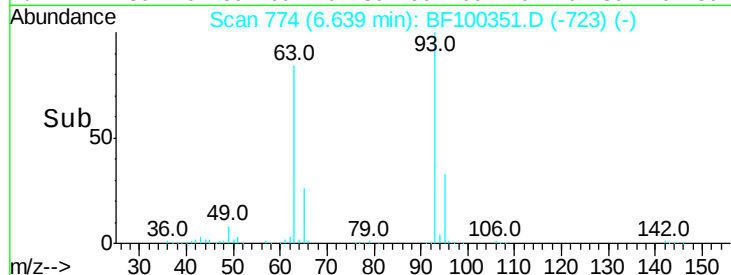
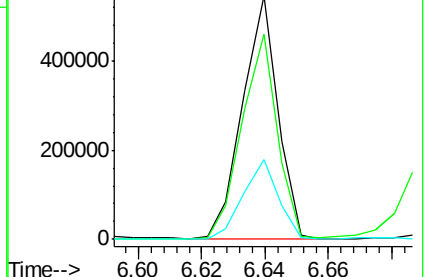
95 32.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.973 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

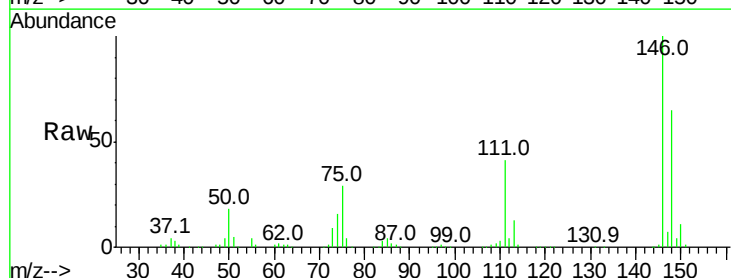
Tgt Ion: 146 Resp: 475640

Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.8

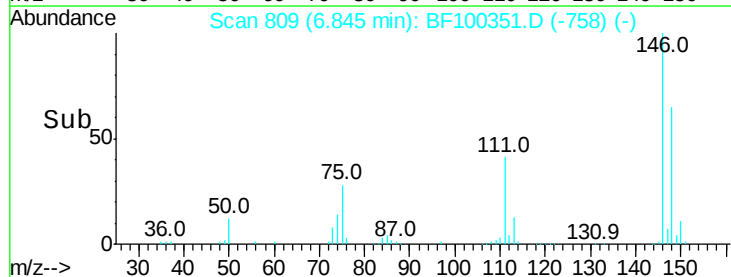
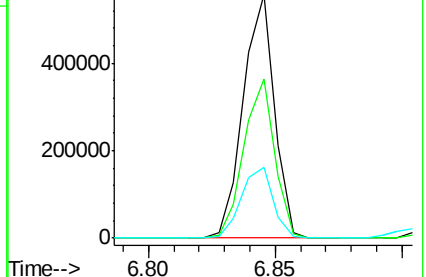
75 29.1 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

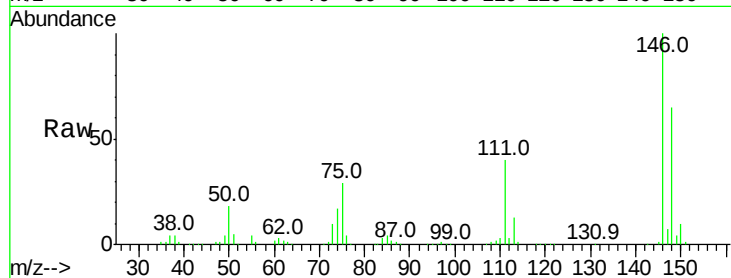




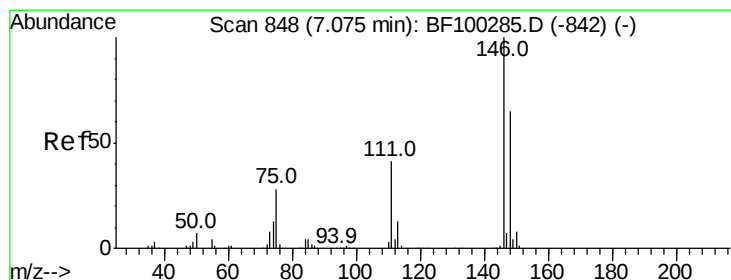
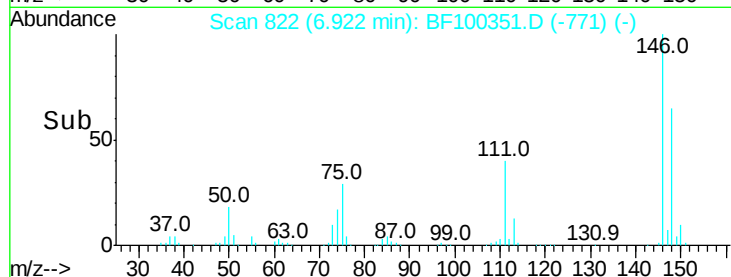
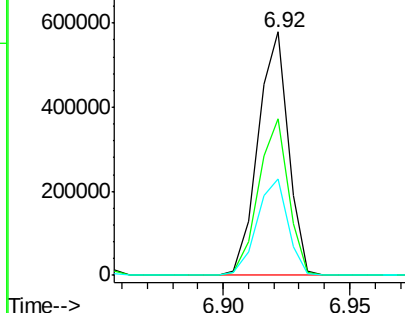
#13
 1,4-Dichlorobenzene
 Concen: 40.354 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 485989
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 39.8 34.2 51.2

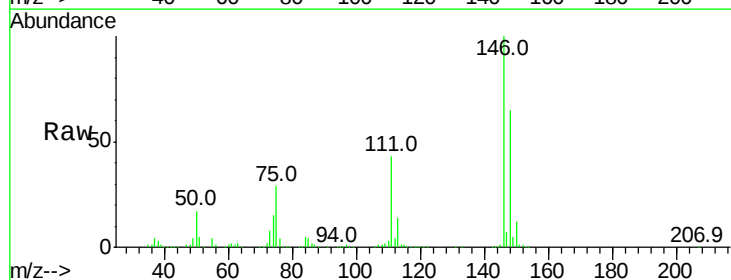


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

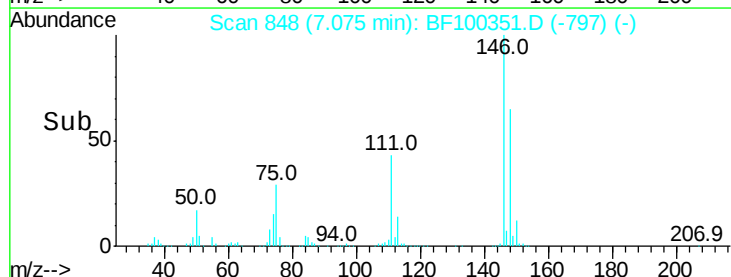
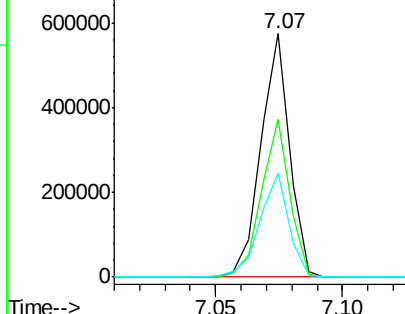


#14
 1,2-Dichlorobenzene
 Concen: 40.390 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion:146 Resp: 449747
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.6 75.8
 111 42.9 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.275 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

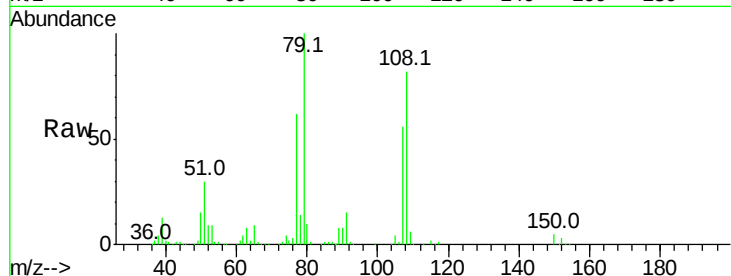
Tot Ion: 79 Resp: 396918

Ion Ratio Lower Upper

79 100

108 81.5 65.1 97.7

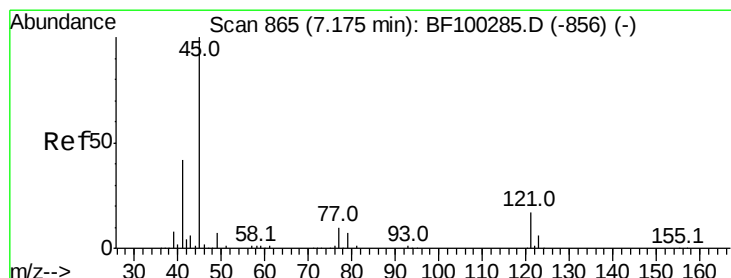
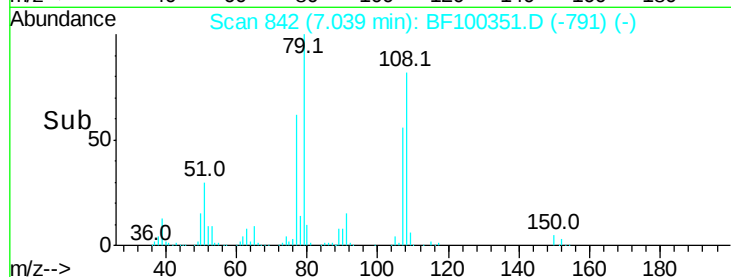
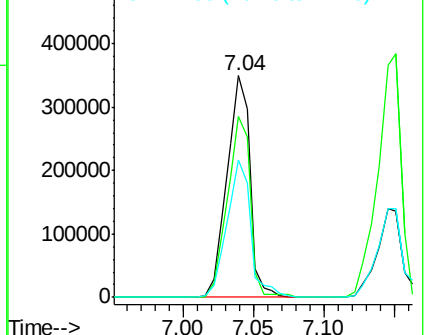
77 62.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.655 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

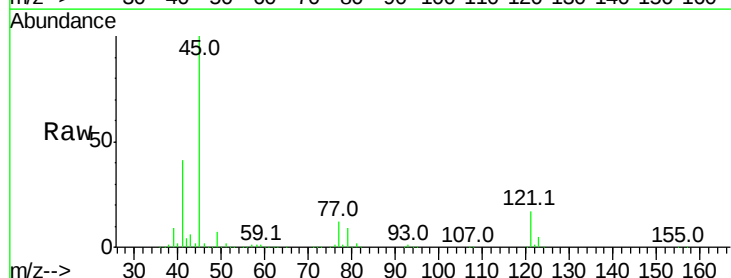
Tgt Ion: 45 Resp: 791557

Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

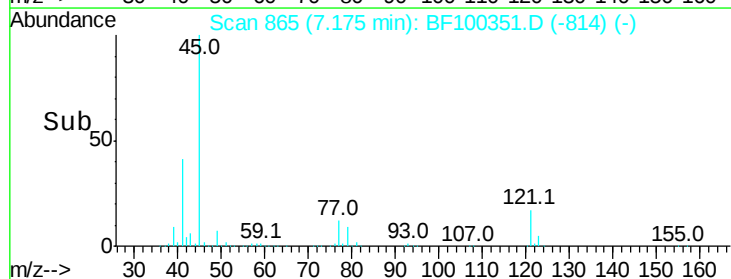
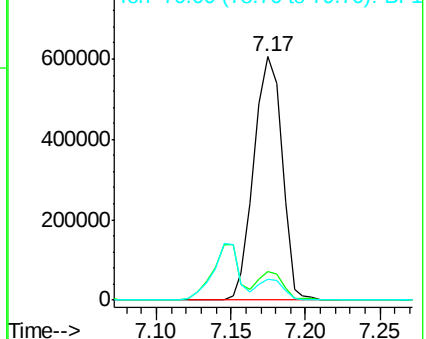
79 8.6 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

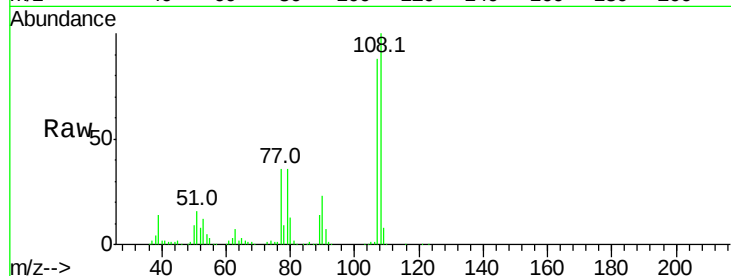




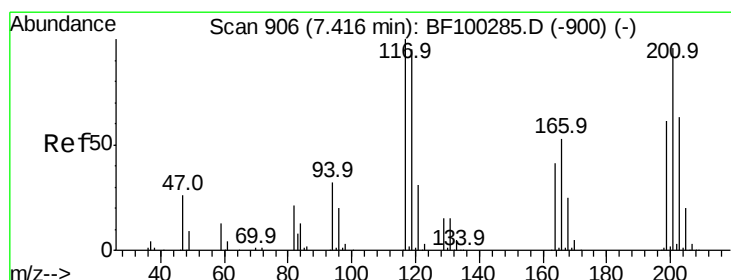
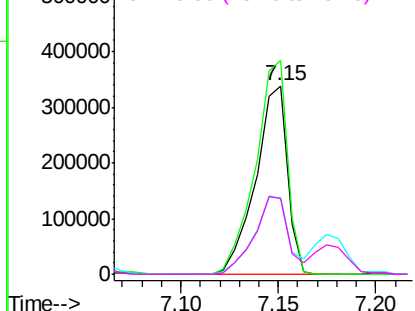
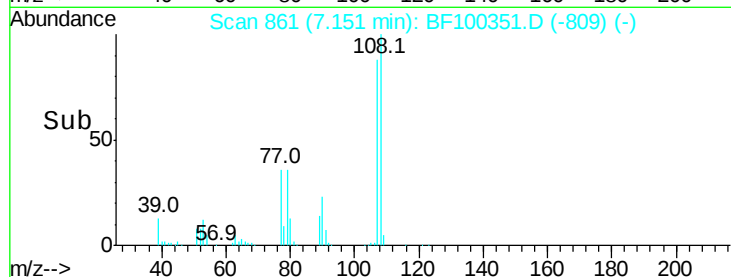
#17
2-Methylphenol
Concen: 43.529 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.7	137.5
77	41.2	33.8	50.8
79	40.4	33.8	50.8

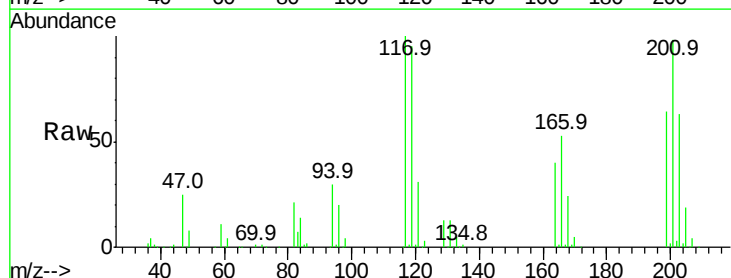


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

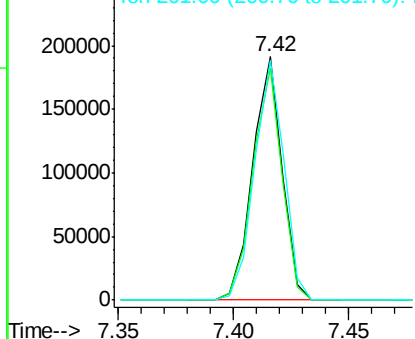
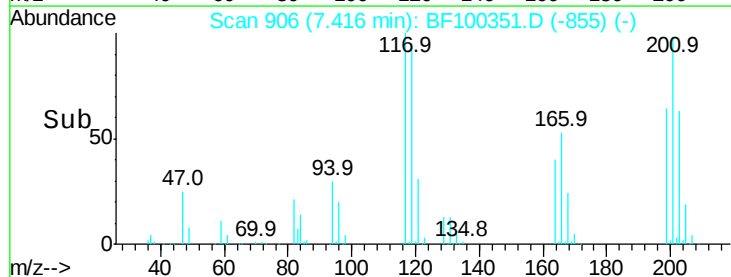


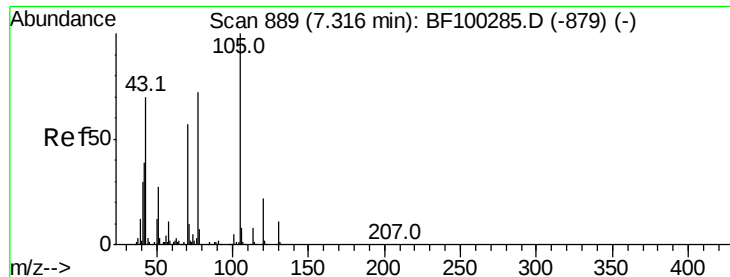
#18
Hexachloroethane
Concen: 42.790 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.8
201	98.5	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0

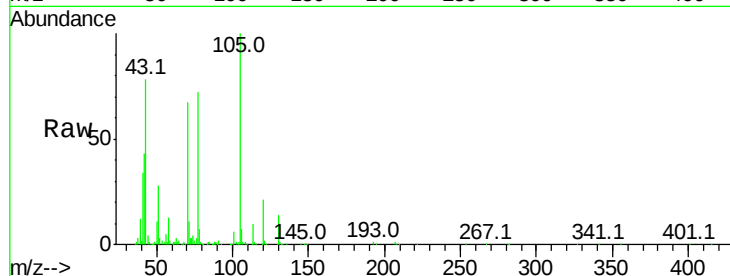




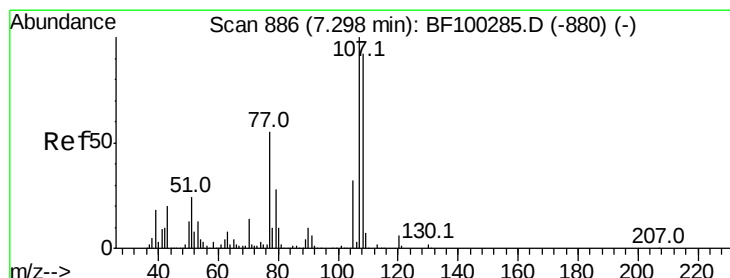
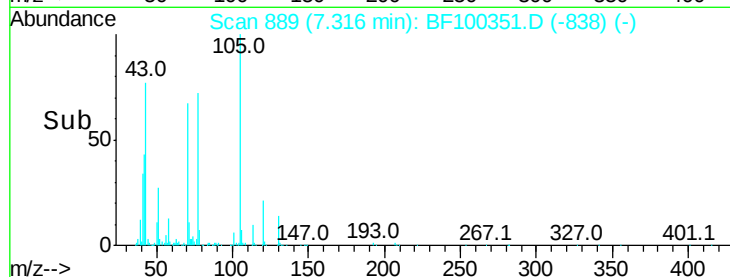
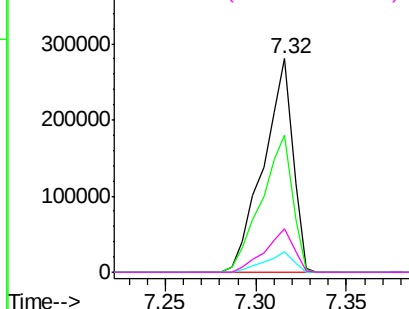
#19
n-Nitroso-di-n-propylamine
Concen: 38.005 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 317075
Ion Ratio Lower Upper
70 100
42 63.9 47.5 71.3
101 9.4 7.4 11.2
130 20.1 16.6 25.0

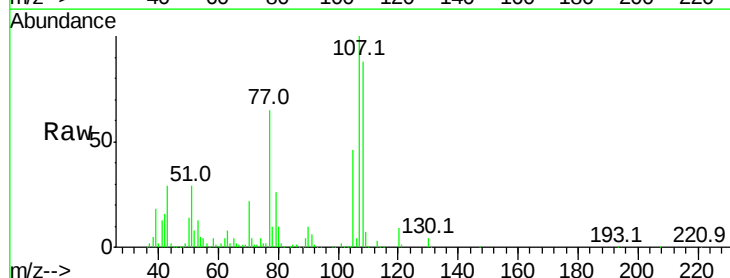


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

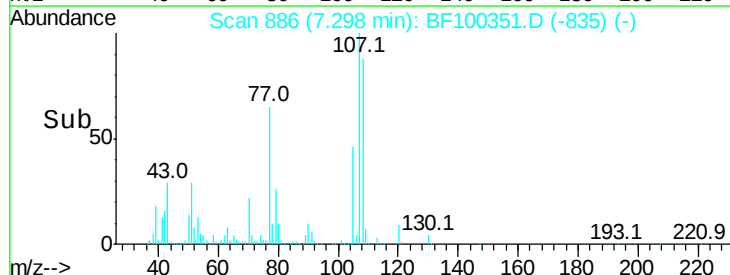
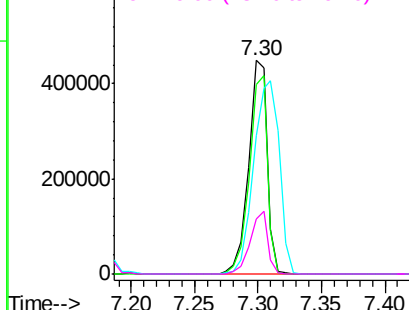


#20
3+4-Methylphenols
Concen: 41.348 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion: 107 Resp: 461474
Ion Ratio Lower Upper
107 100
108 88.5 68.2 108.2
77 64.5 26.7 66.7
79 25.8 6.3 46.3



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

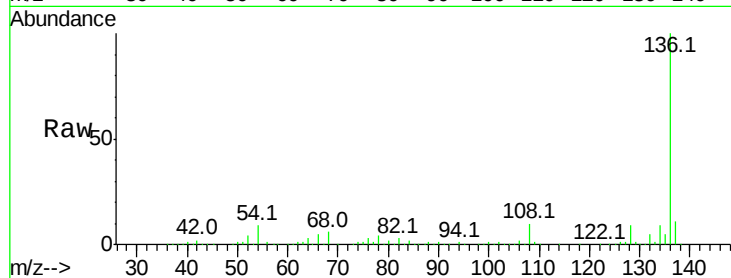




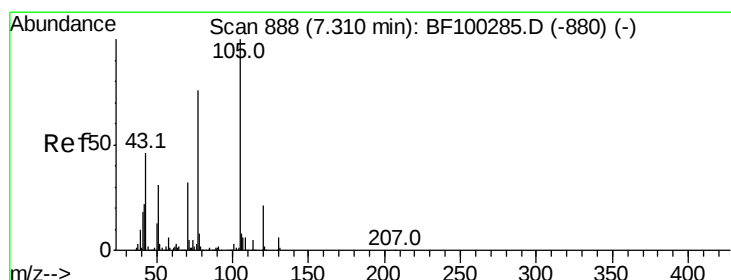
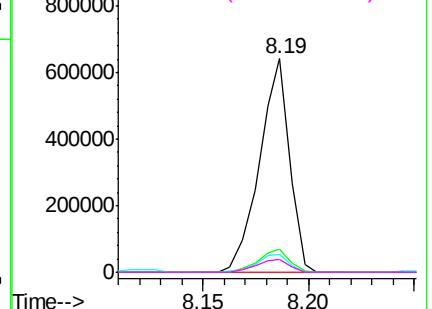
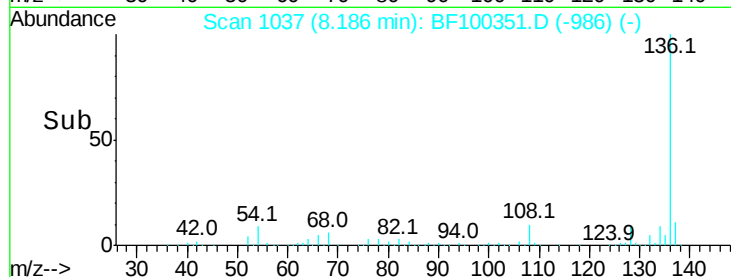
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 632526
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 8.5	6.6 9.8
68 6.1	5.0 7.4

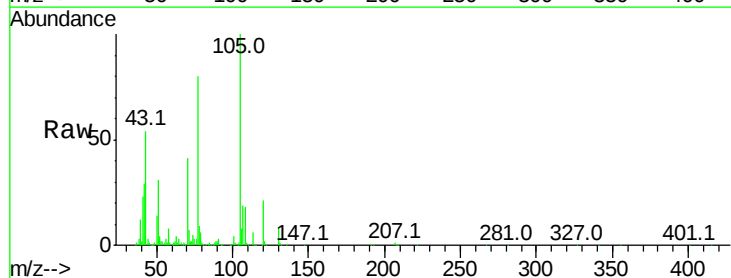


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

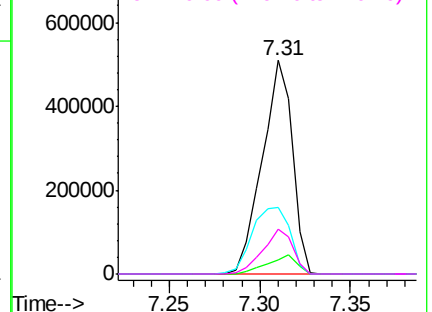
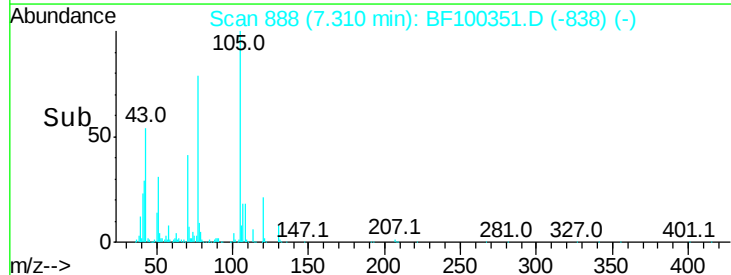


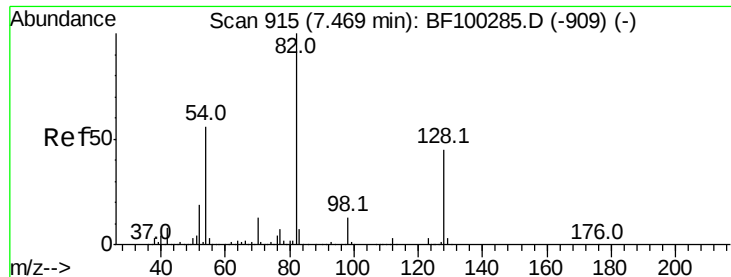
#22
Acetophenone
Concen: 38.221 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt	Ion:105	Resp:	589528
Ion	Ratio	Lower	Upper
105	100		
71	6.9	4.4	6.6#
51	31.4	22.3	33.5
120	20.8	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: 95.585 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampled :

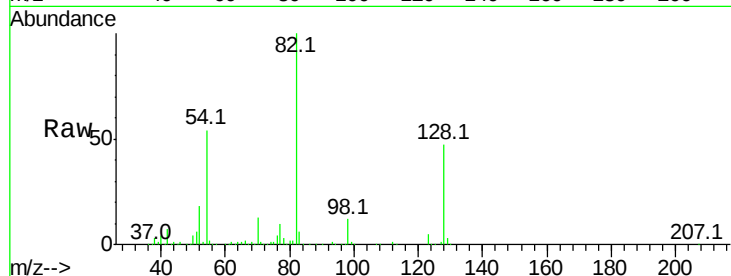
Tot Ion: 82 Resp: 914492

Ion Ratio Lower Upper

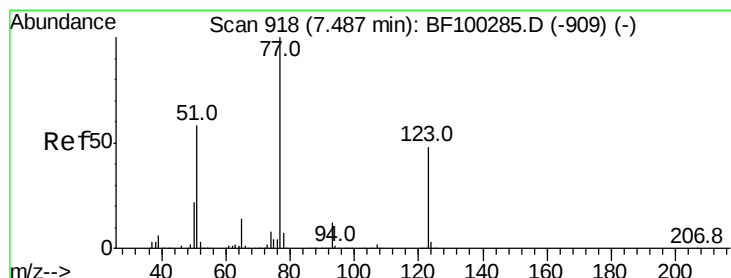
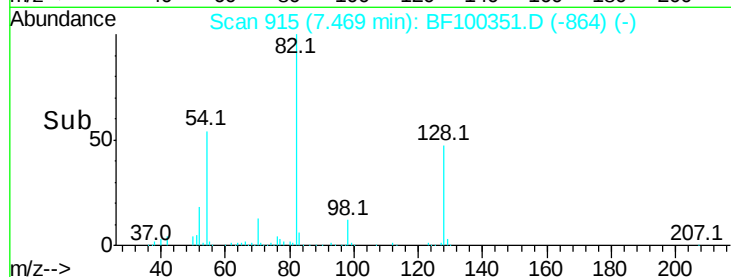
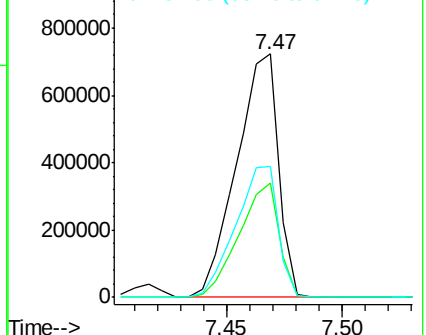
82 100

128 47.0 36.1 54.1

54 53.6 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: 47.636 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

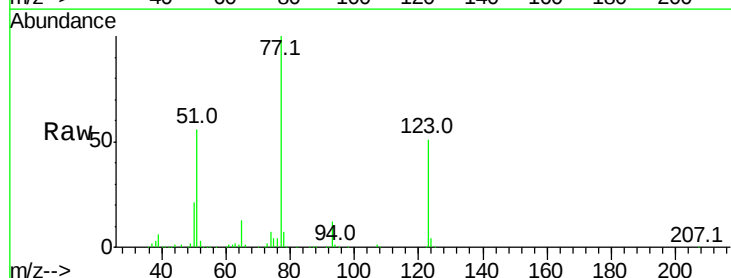
Tgt Ion: 77 Resp: 469076

Ion Ratio Lower Upper

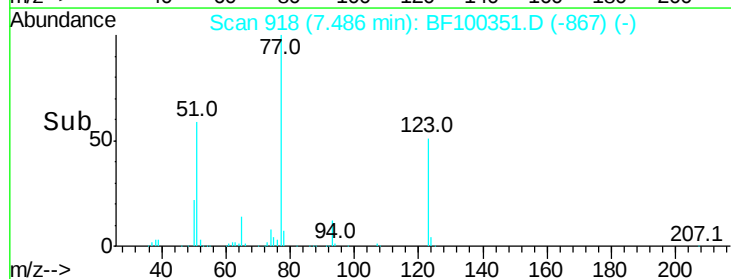
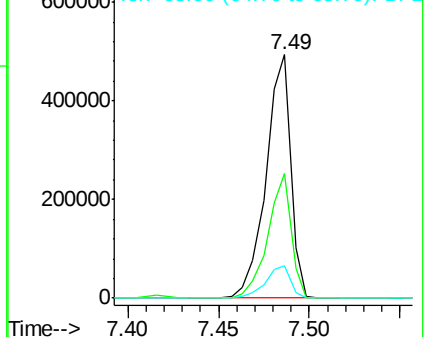
77 100

123 51.3 37.9 56.9

65 13.5 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: 44.579 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

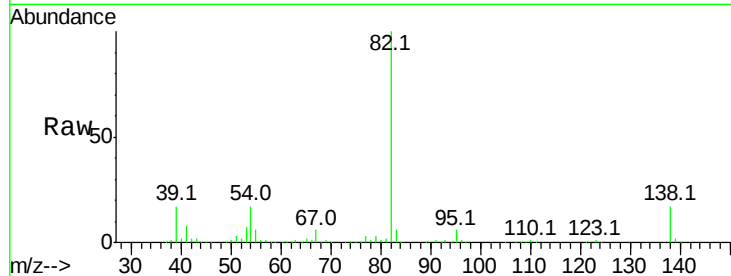
Tot Ion: 82 Resp: 896250

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

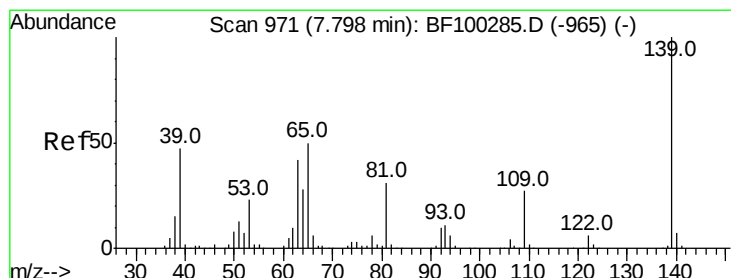
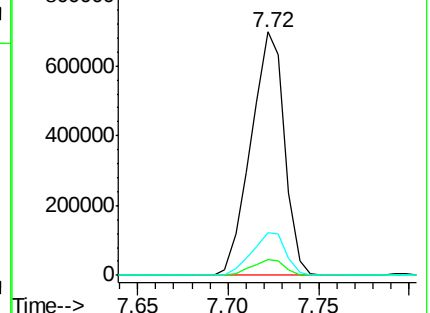
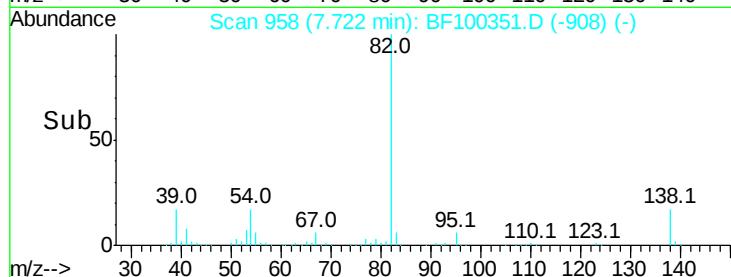
138 17.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 51.301 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

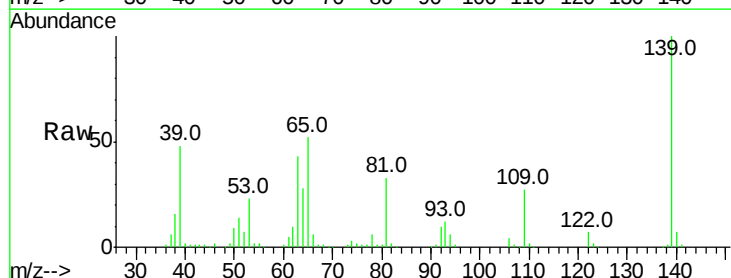
Tgt Ion: 139 Resp: 238774

Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

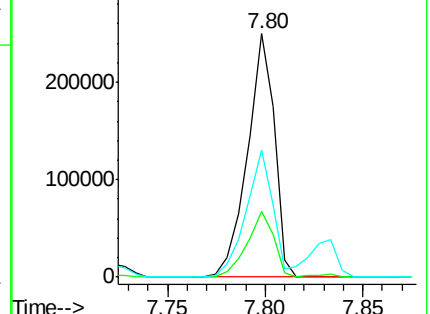
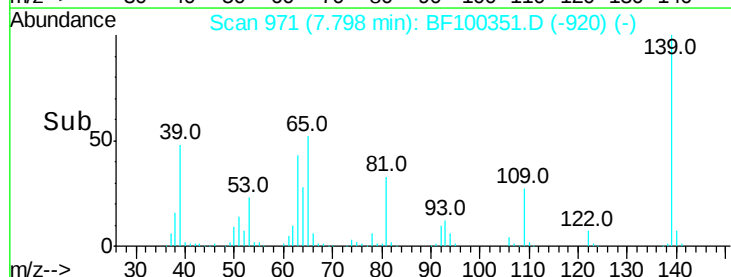
65 52.4 40.5 60.7

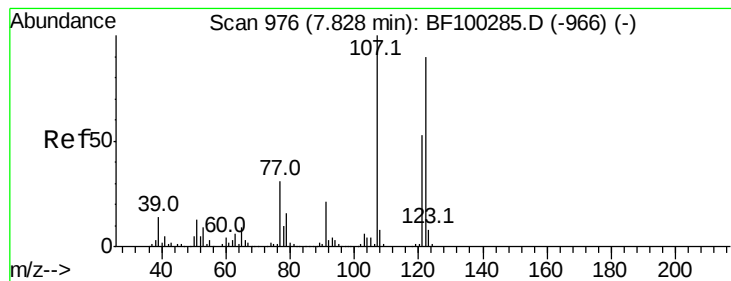


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

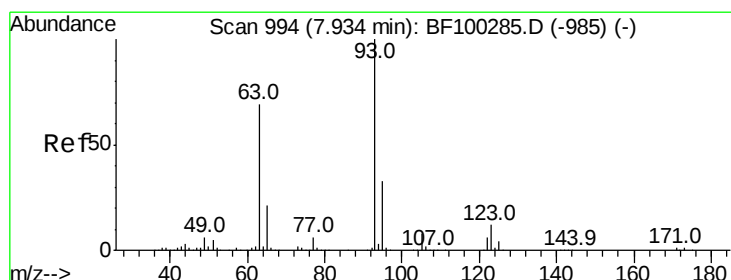
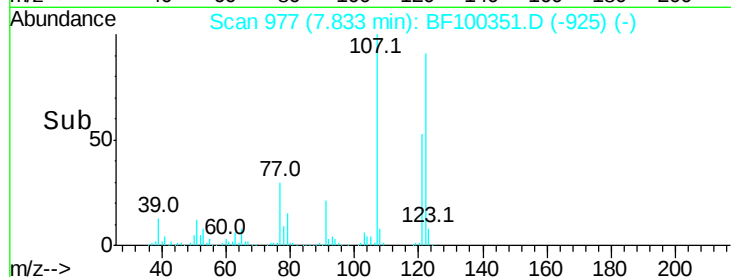
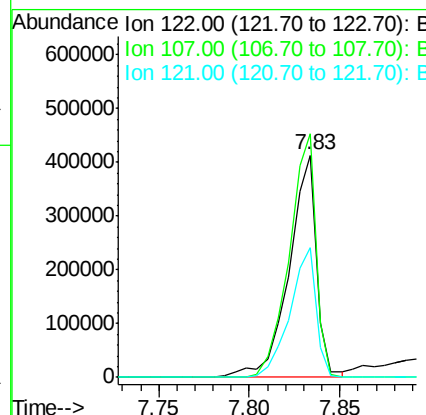
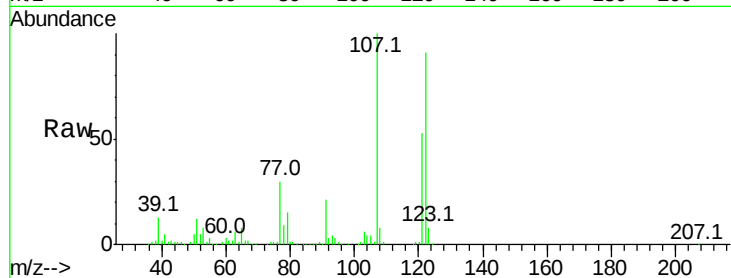




#27
 2,4-Dimethylphenol
 Concen: 48.900 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

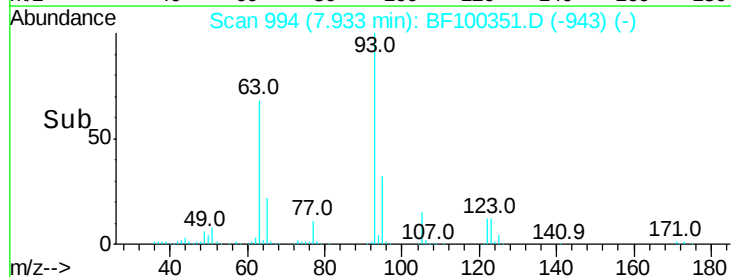
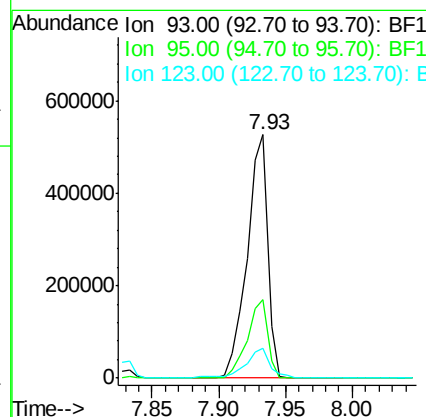
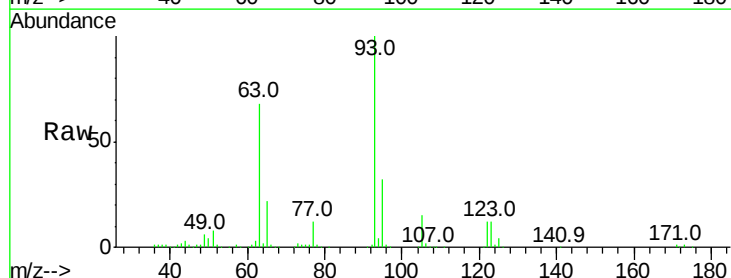
Instrument :
 BNA_F
 ClientSampled :

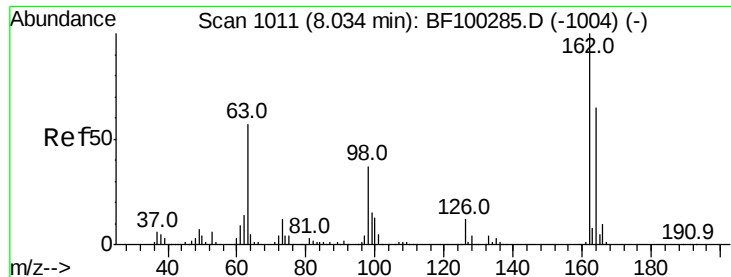
Tot Ion:122 Resp: 440717
 Ion Ratio Lower Upper
 122 100
 107 109.5 91.2 136.8
 121 58.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.426 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion: 93 Resp: 557938
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.3 39.5
 123 12.1 9.8 14.6

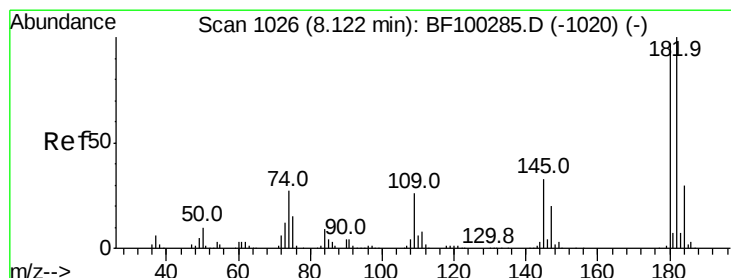
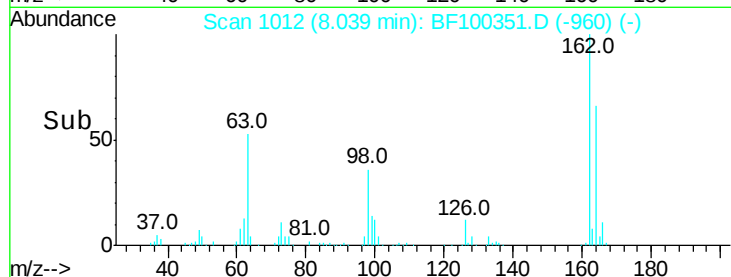
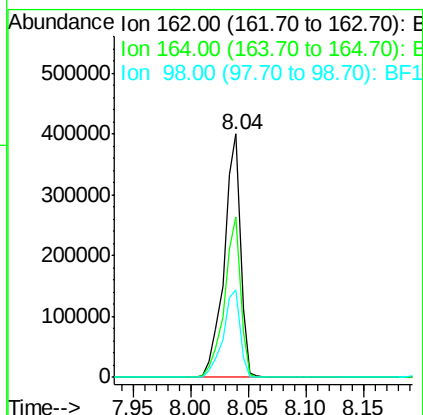
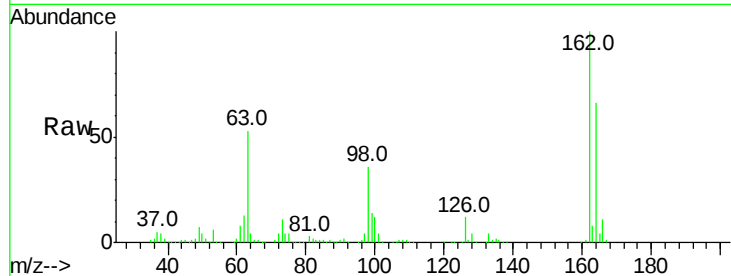




#29
 2,4-Dichlorophenol
 Concen: 45.855 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

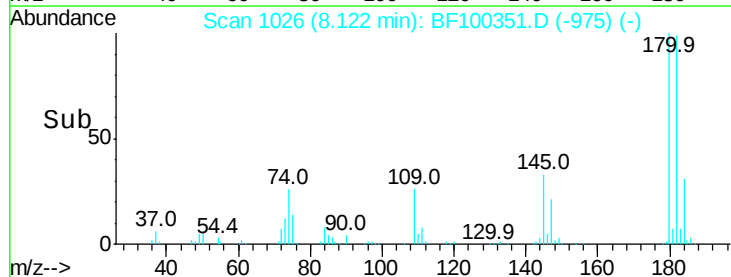
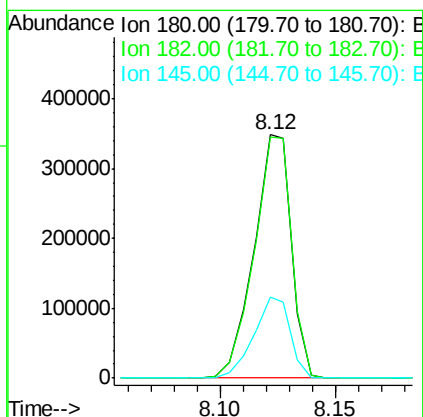
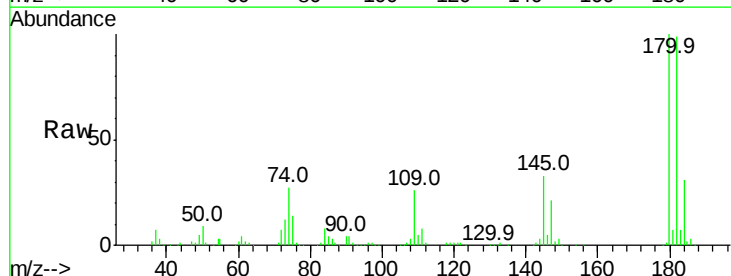
Instrument :
 BNA_F
 ClientSampled :

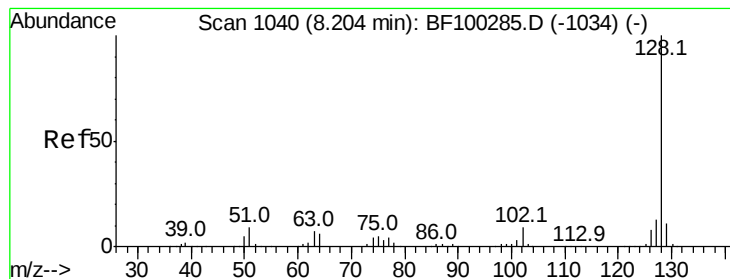
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	42.7	82.7
98	35.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.067 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	76.8	115.2
145	33.4	26.5	39.7





#31

Naphthalene

Concen: 41.457 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

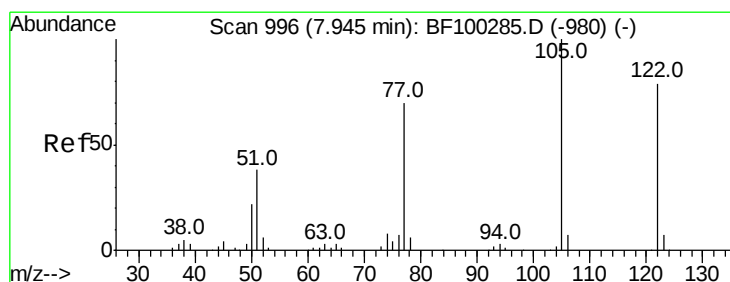
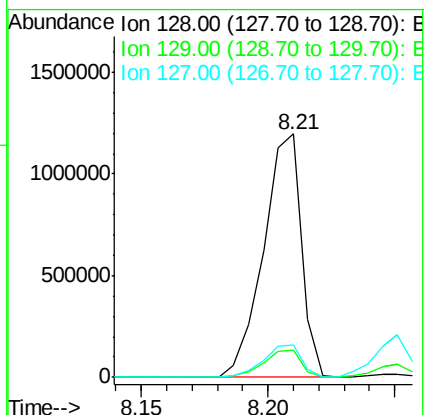
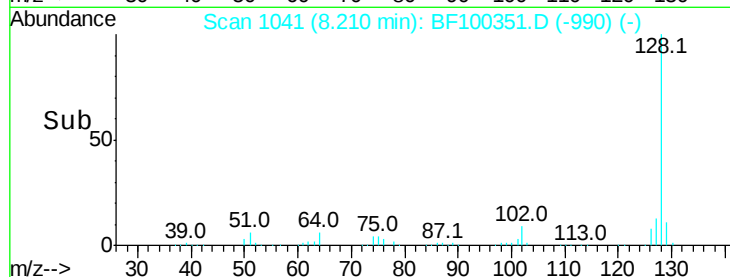
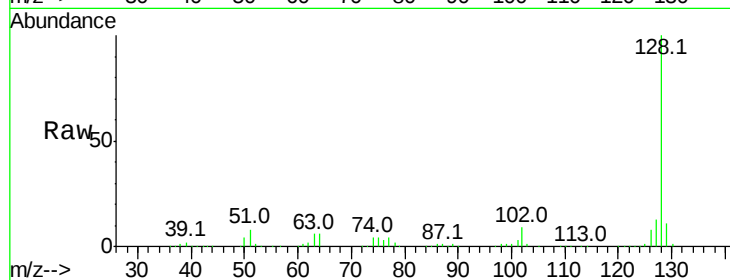
Instrument :

BNA_F

ClientSampleId :

Tot Ion:128 Resp: 1263008

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.3	10.9	16.3



#32

Benzoic acid

Concen: 43.305 ng

RT: 7.95 min Scan# 996

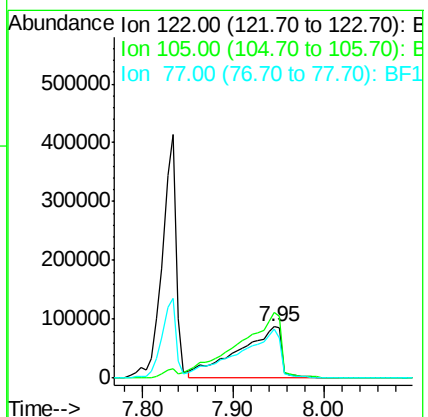
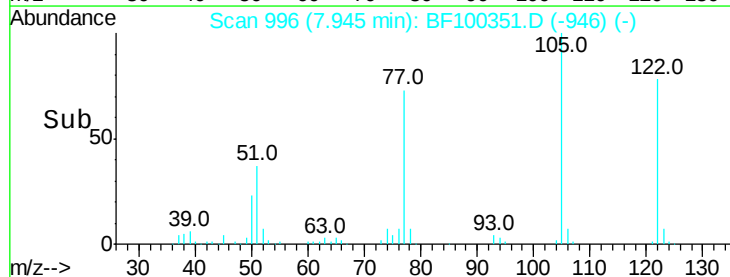
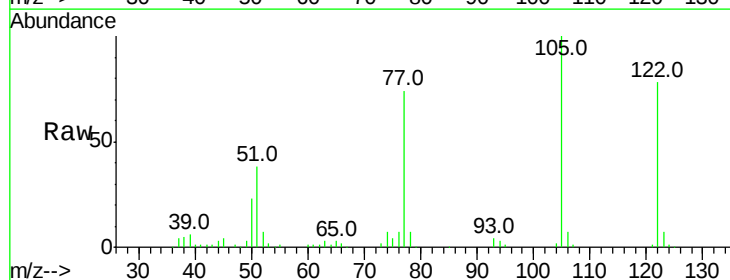
Delta R.T. -0.01 min

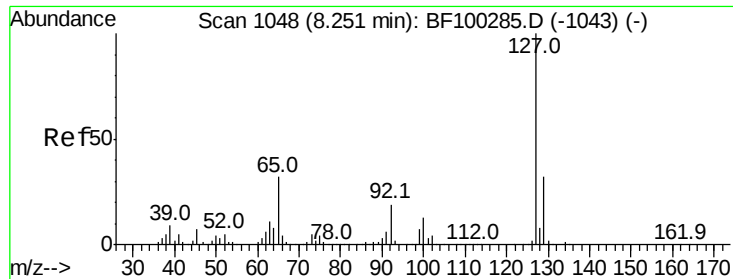
Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:122 Resp: 291009

Ion	Ratio	Lower	Upper
122	100		
105	127.4	101.1	141.1
77	94.3	70.7	110.7

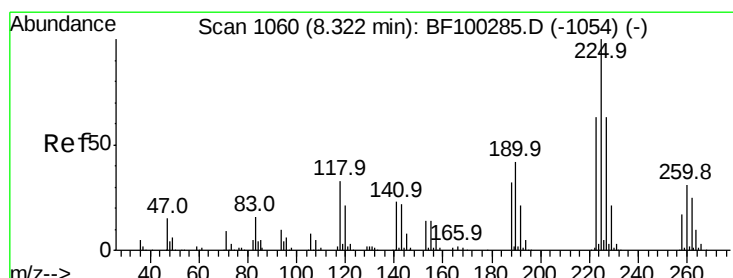
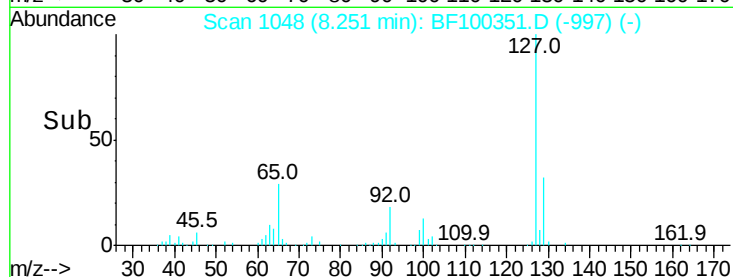
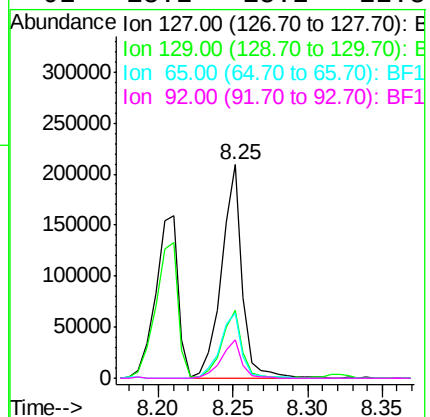
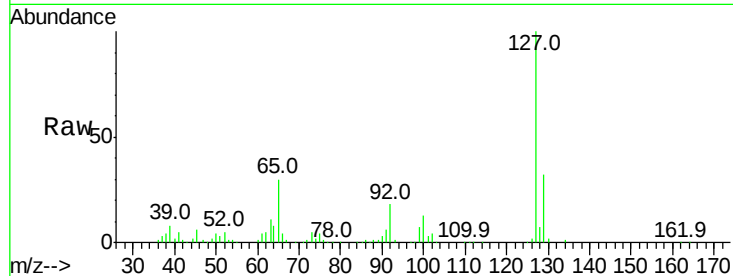




#33
4-Chloroaniline
Concen: 15.880 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

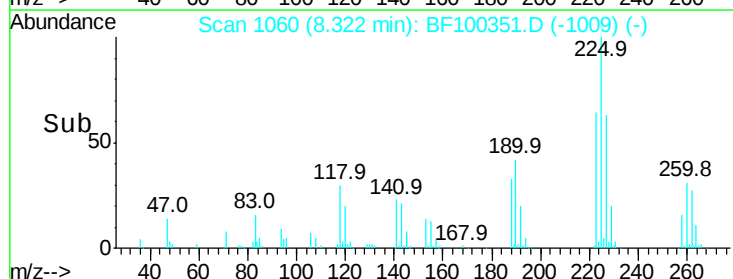
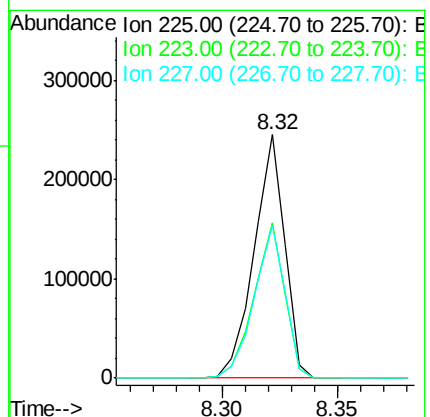
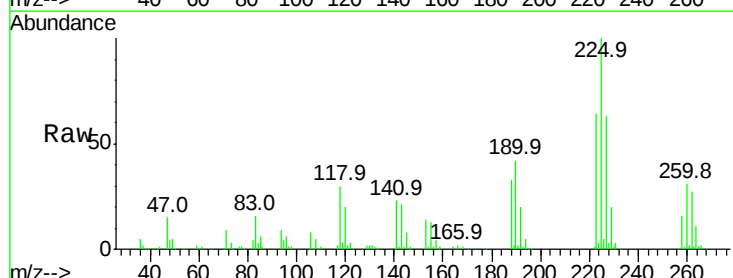
Instrument :
BNA_F
ClientSampleId :

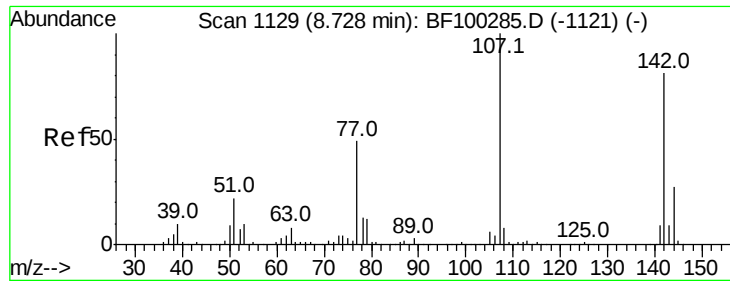
Tot Ion:	127	Resp:	201375
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	30.3	25.0	37.4
92	18.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.099 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:	225	Resp:	227422
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	62.7	51.9	77.9

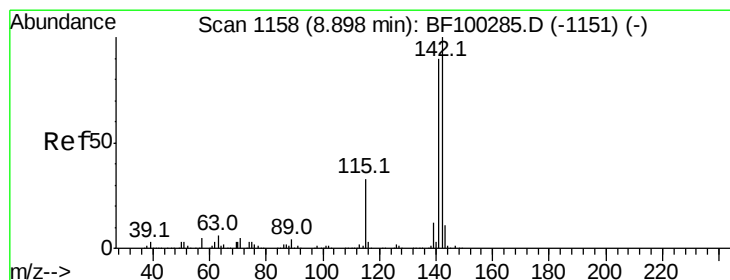
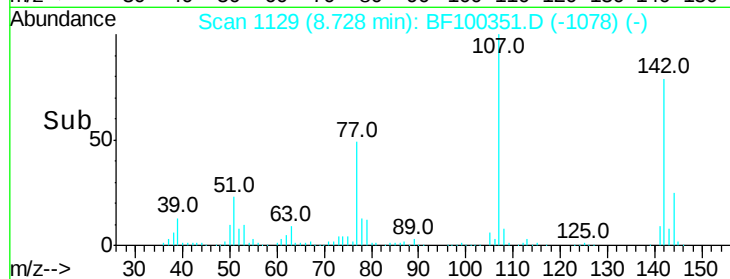
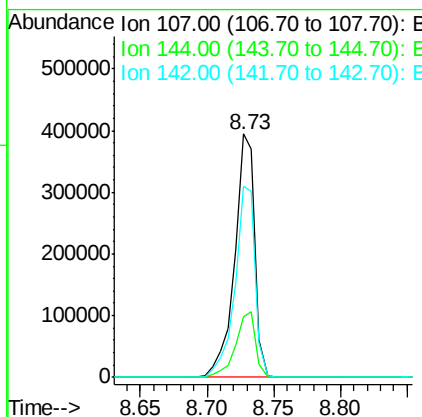
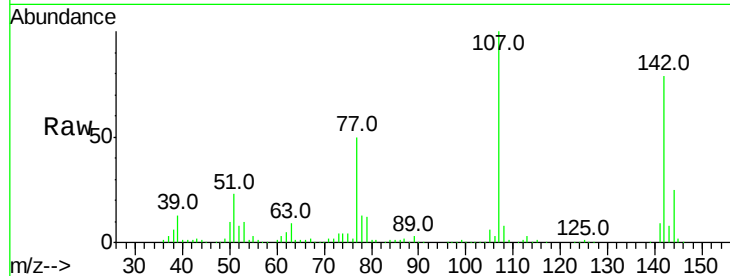




#36
 4-Chloro-3-methylphenol
 Concen: 45.072 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

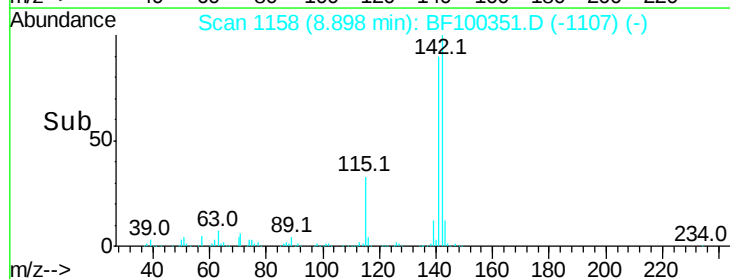
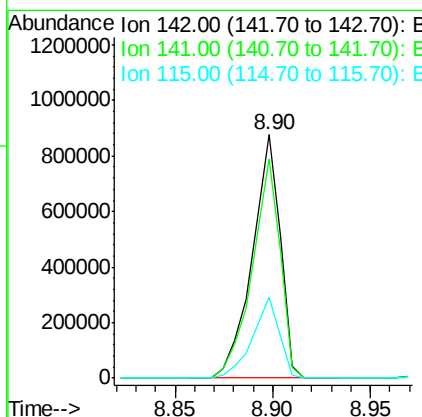
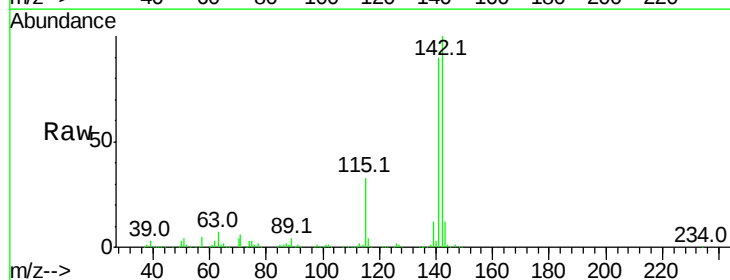
Instrument :
 BNA_F
 ClientSampled :

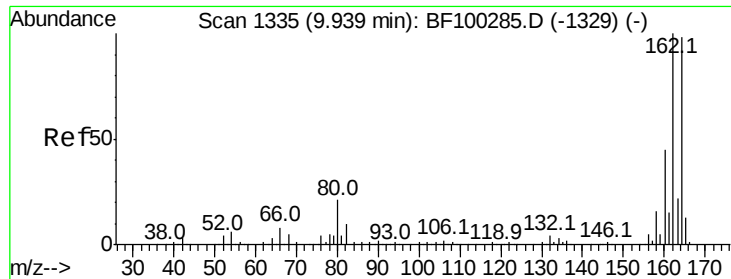
Tot Ion:107 Resp: 416494
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.5 30.7
 142 78.5 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 42.991 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion:142 Resp: 869543
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.8 106.2
 115 33.3 26.1 39.1

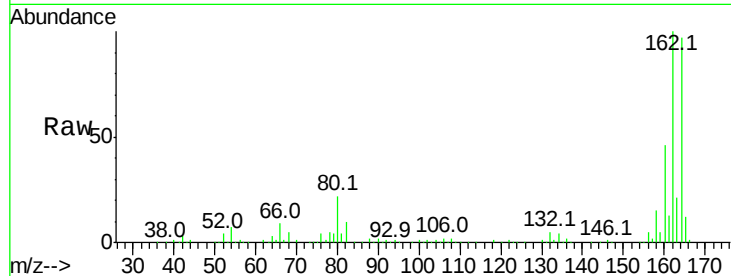




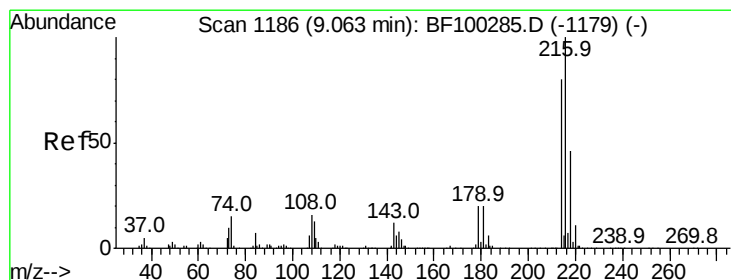
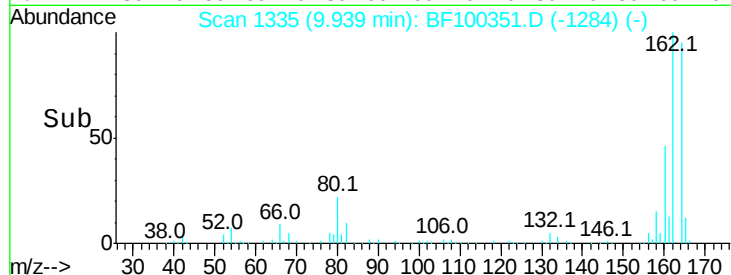
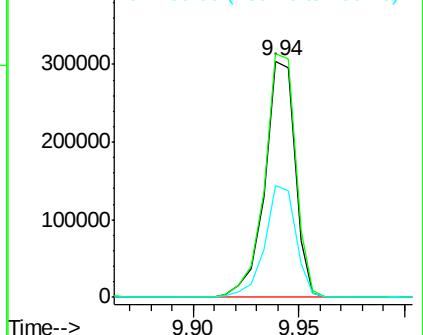
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 305040
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 47.3 38.3 57.5

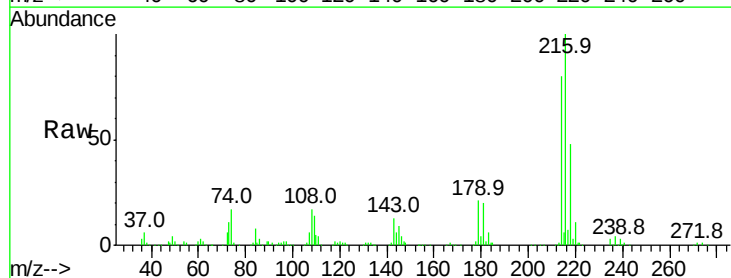


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

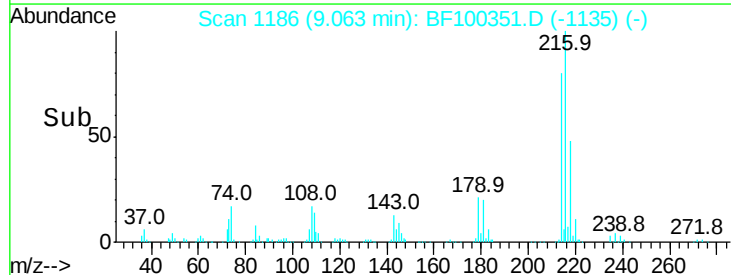
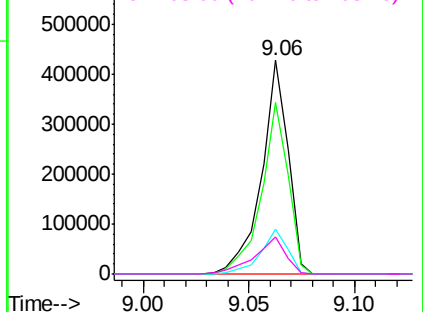


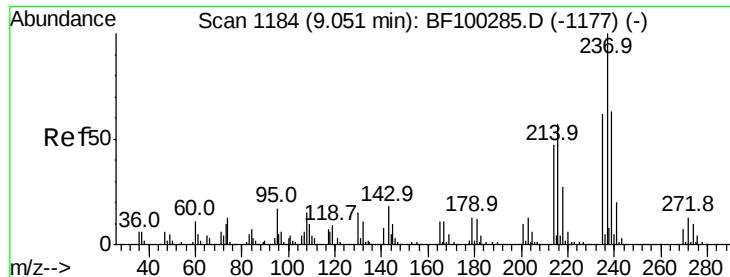
#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.059 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:216 Resp: 374916
Ion Ratio Lower Upper
216 100
214 80.7 63.0 94.4
179 21.0 18.1 27.1
108 20.5 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

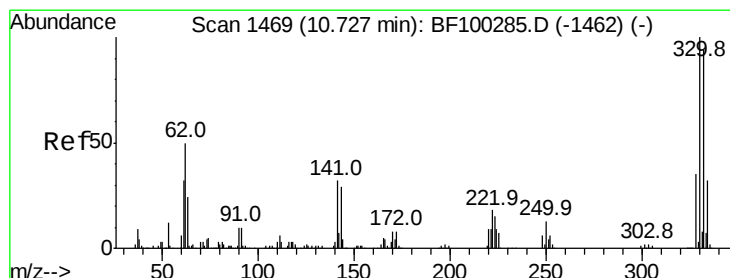
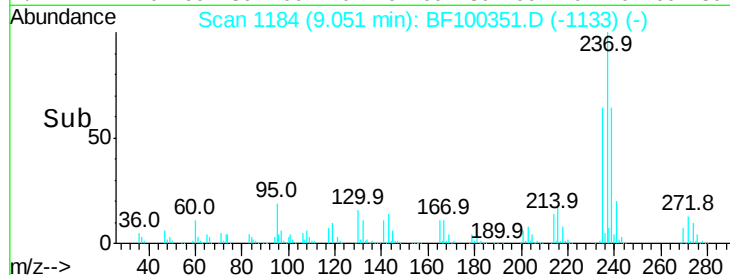
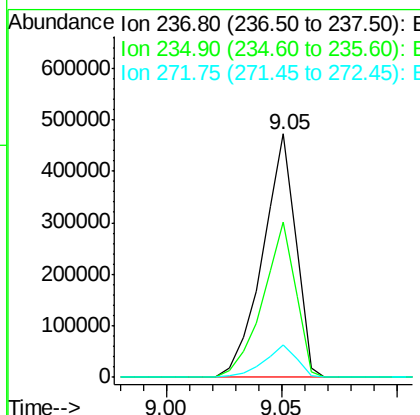
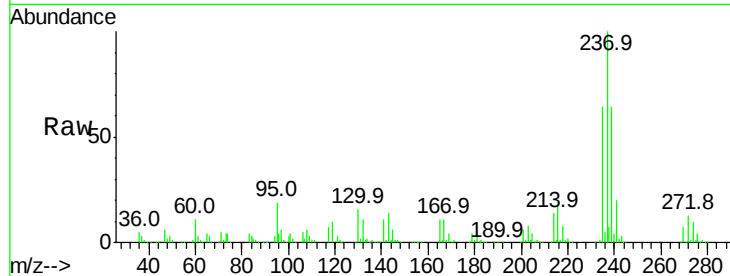




#40
Hexachlorocyclopentadiene
Concen: 98.890 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

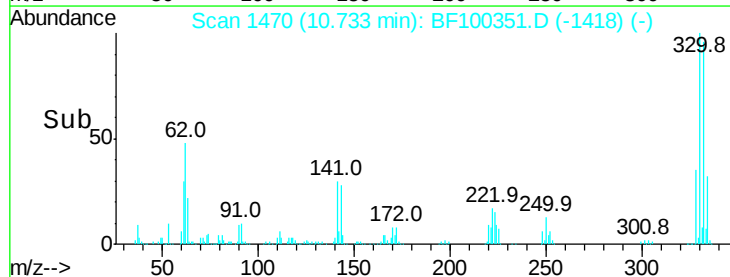
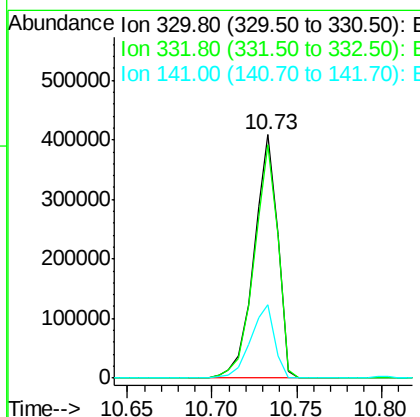
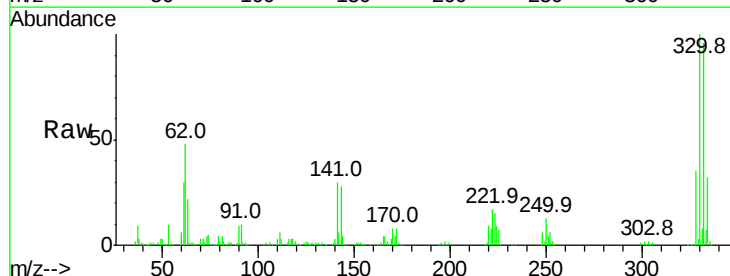
Instrument :
BNA_F
ClientSampleId :

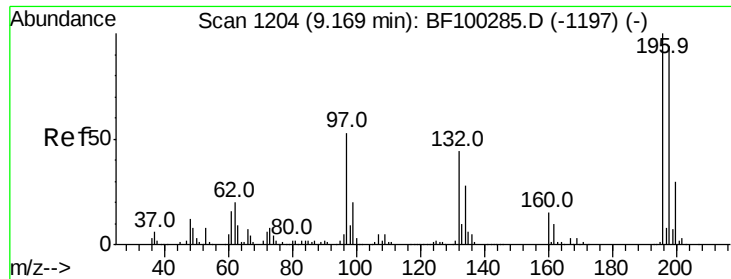
Tot Ion:237 Resp: 470853
Ion Ratio Lower Upper
237 100
235 63.6 44.8 84.8
272 13.2 0.0 33.3



#41
2,4,6-Tribromophenol
Concen: 129.021 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:330 Resp: 401042
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 30.7 29.9 44.9

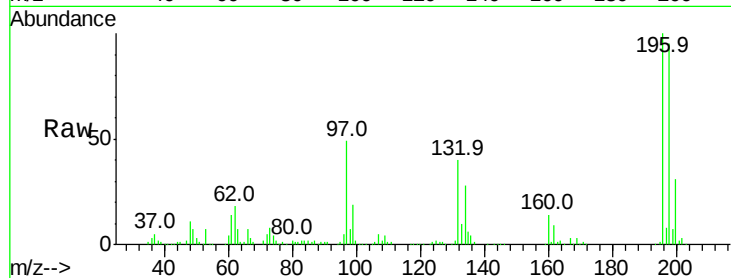




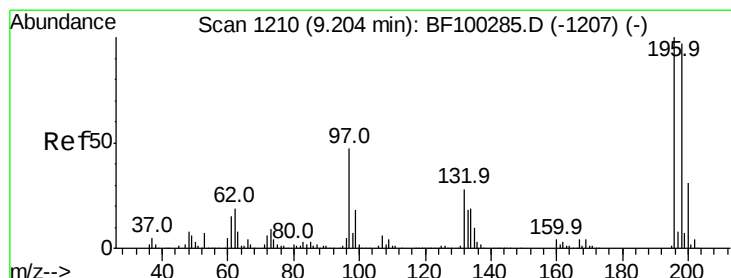
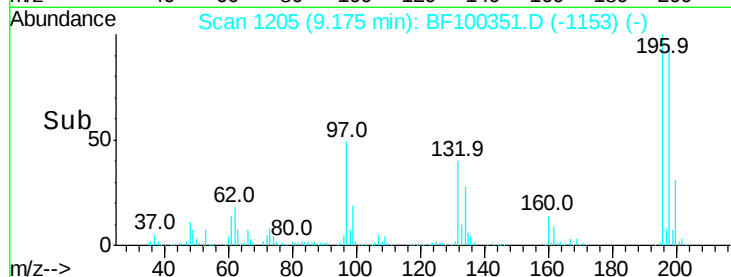
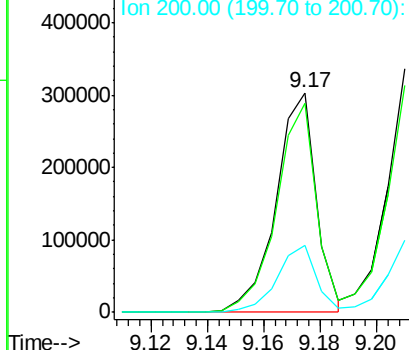
#42
 2,4,6-Trichlorophenol
 Concen: 46.697 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 299408
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 200 30.5 24.5 36.7

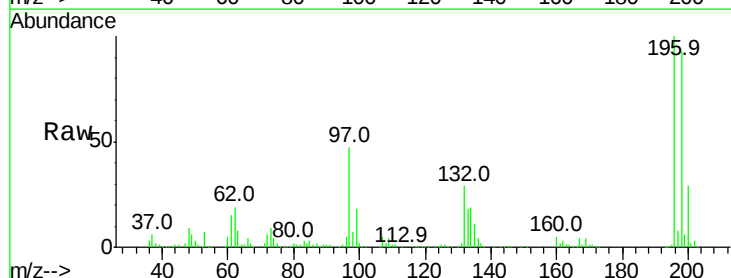


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

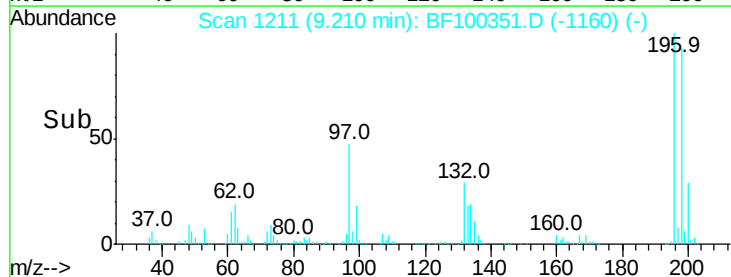
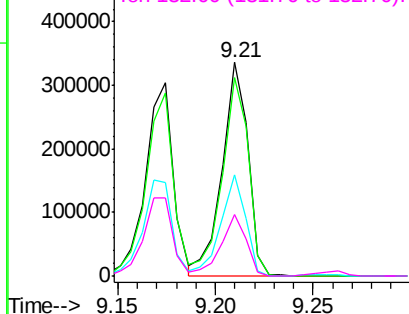


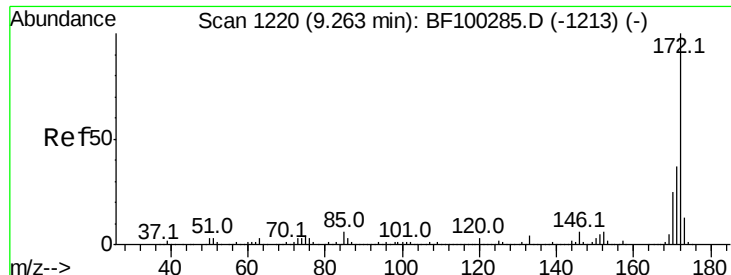
#43
 2,4,5-Trichlorophenol
 Concen: 46.574 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion:196 Resp: 309398
 Ion Ratio Lower Upper
 196 100
 198 93.1 74.6 112.0
 97 47.5 42.9 64.3
 132 28.8 26.3 39.5



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

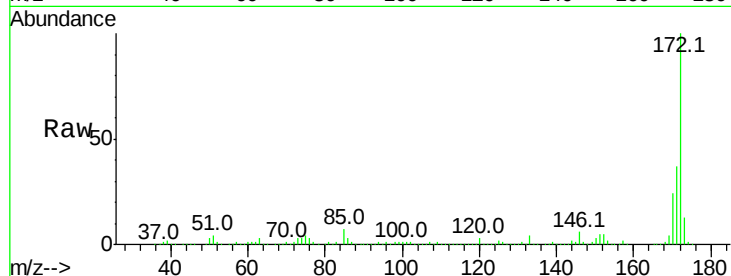




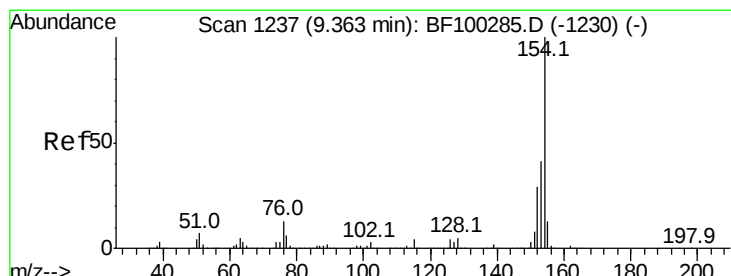
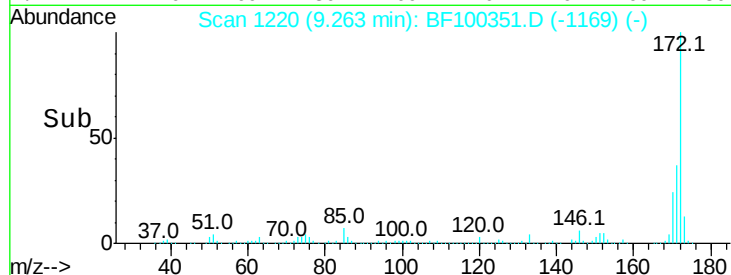
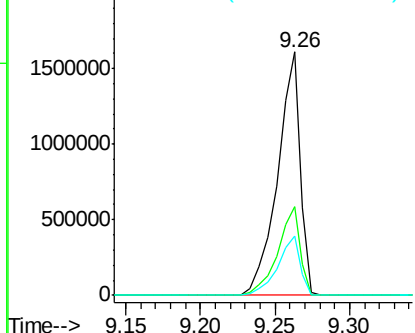
#44
2-Fluorobiphenyl
Concen: 85.284 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1708474
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.2 19.6 29.4

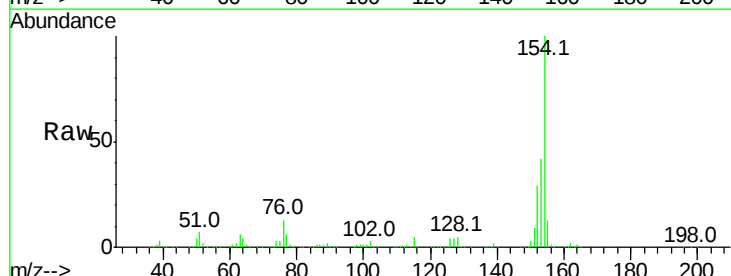


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

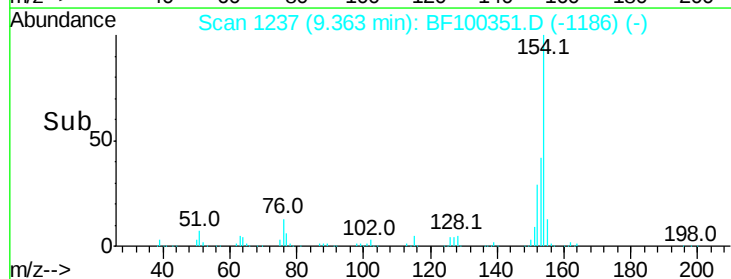
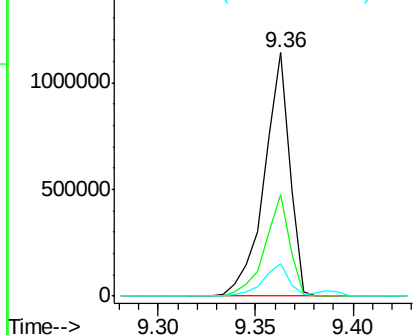


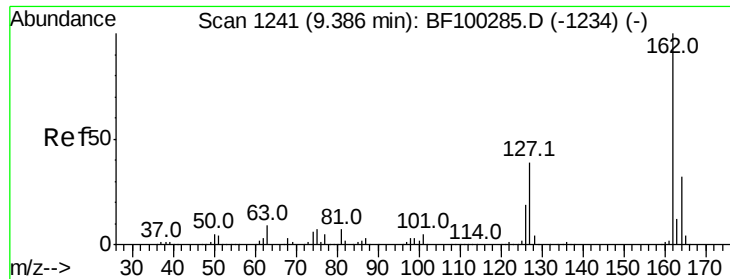
#45
1,1'-Biphenyl
Concen: 38.963 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:154 Resp: 1027955
Ion Ratio Lower Upper
154 100
153 41.9 21.3 61.3
76 13.1 0.0 34.0



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

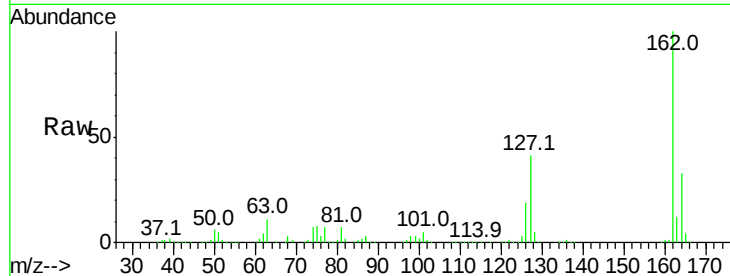




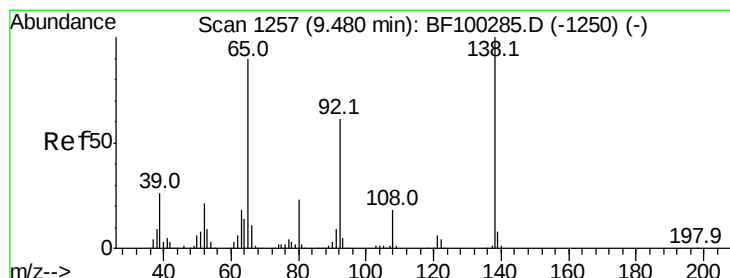
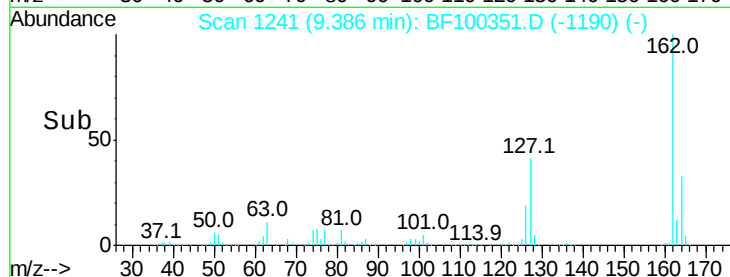
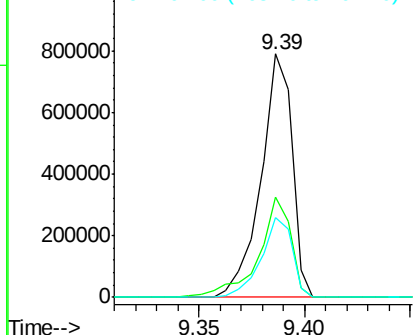
#46
 2-Chloronaphthalene
 Concen: 42.335 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 810274
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.9 50.9
 164 32.6 26.5 39.7

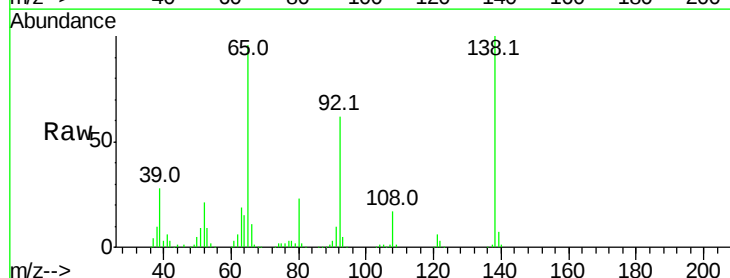


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

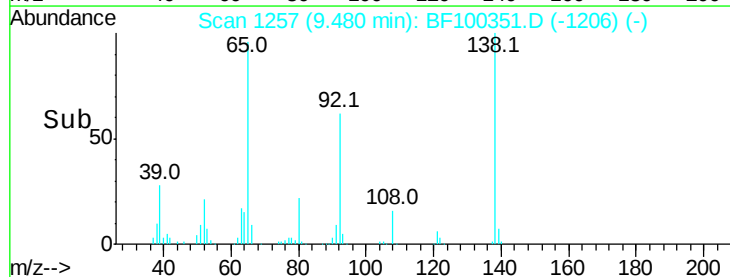
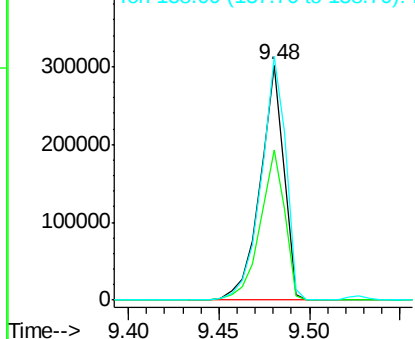


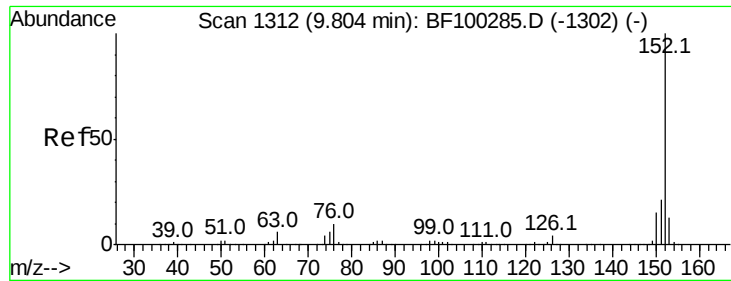
#47
 2-Nitroaniline
 Concen: 48.719 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion: 65 Resp: 275783
 Ion Ratio Lower Upper
 65 100
 92 64.0 55.8 83.6
 138 103.7 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): E





#48

Acenaphthylene

Concen: 40.770 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

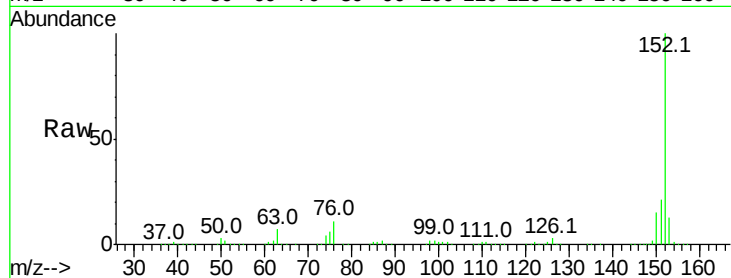
Tot Ion:152 Resp: 1293174

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

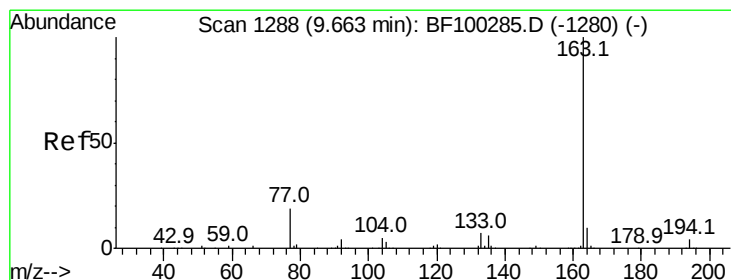
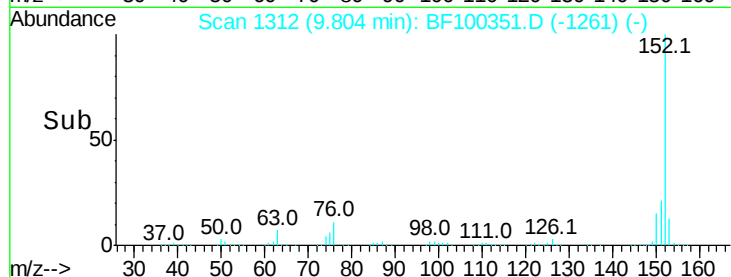
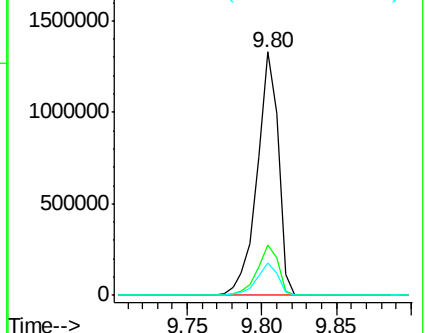
153 13.3 10.7 16.1



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: 42.048 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

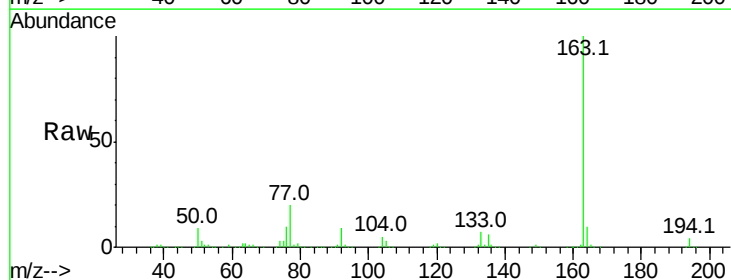
Tgt Ion:163 Resp: 979298

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

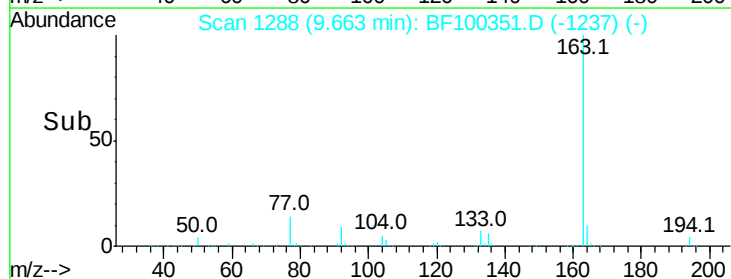
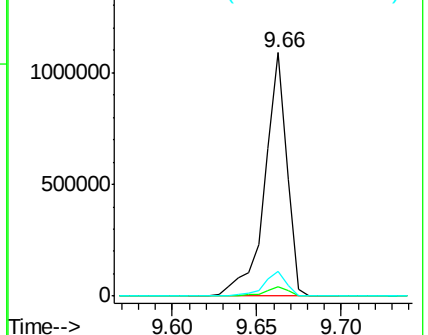
164 10.2 8.2 12.2

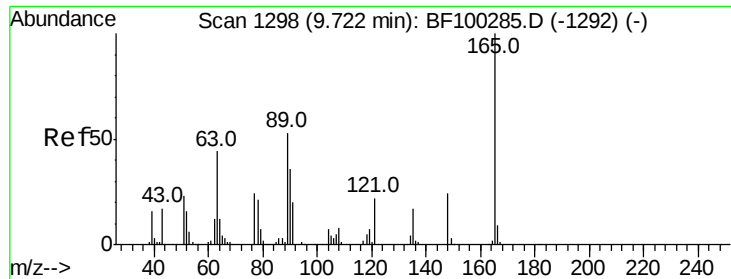


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

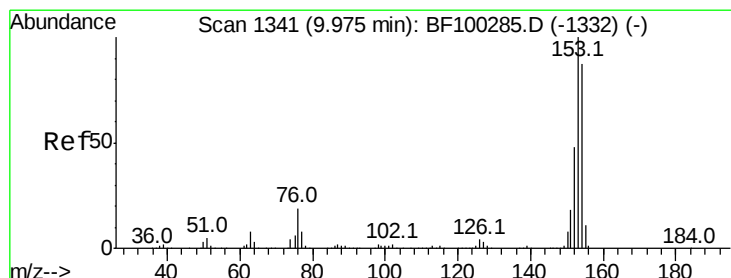
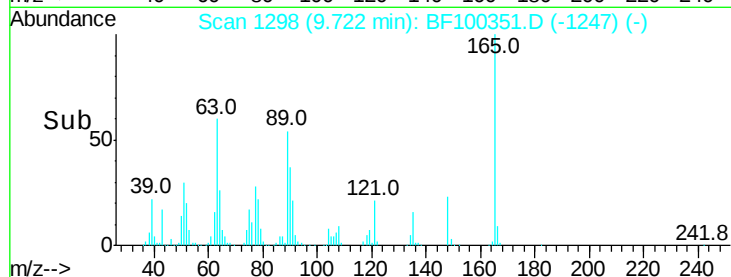
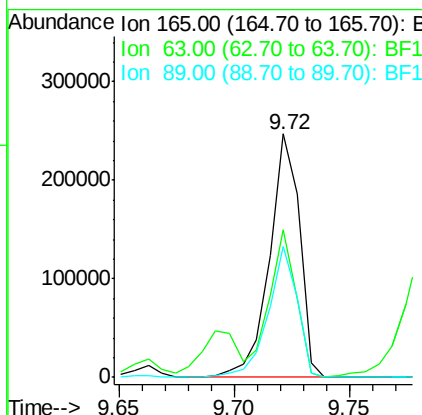
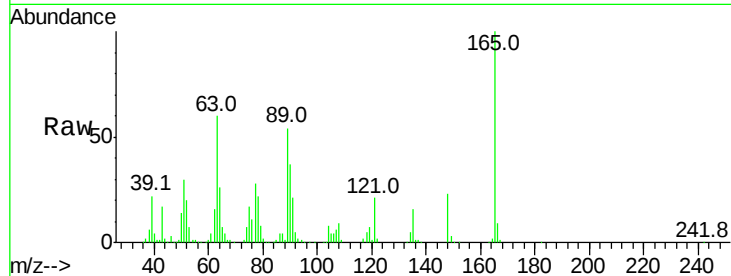




#50
 2,6-Dinitrotoluene
 Concen: 48.408 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

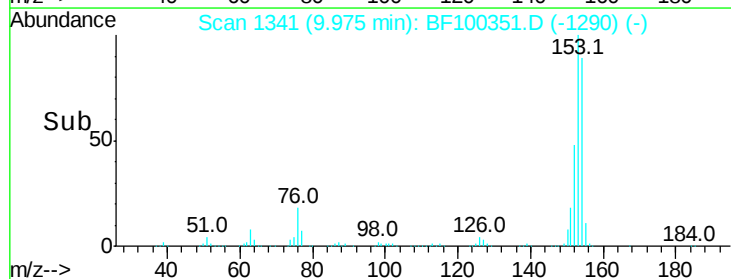
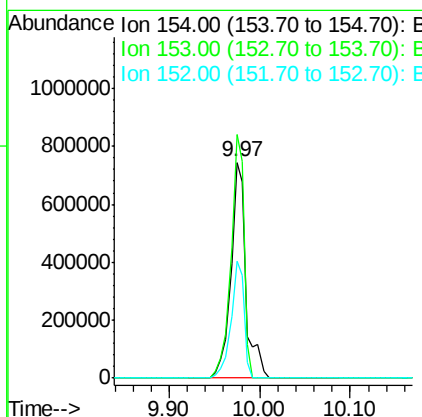
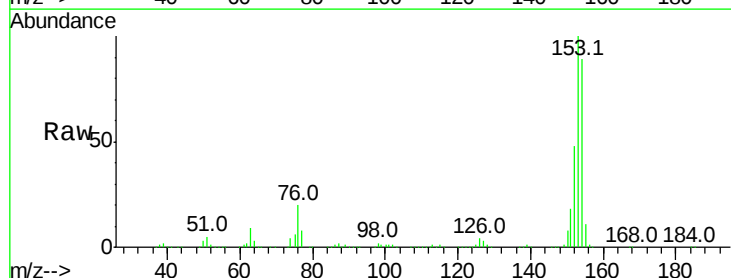
Instrument :
 BNA_F
 ClientSampleId :

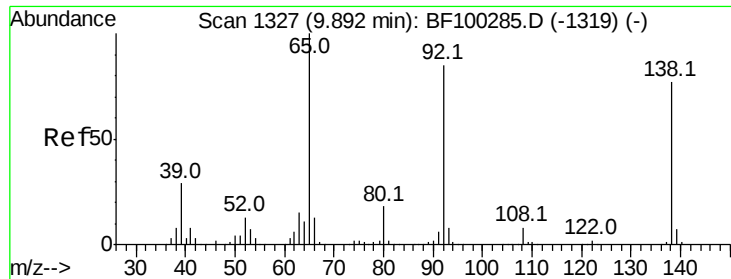
Tot Ion:165 Resp: 223167
 Ion Ratio Lower Upper
 165 100
 63 60.5 44.7 67.1
 89 54.0 44.0 66.0



#51
 Acenaphthene
 Concen: 44.544 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion:154 Resp: 859290
 Ion Ratio Lower Upper
 154 100
 153 112.9 91.2 136.8
 152 54.1 43.8 65.8

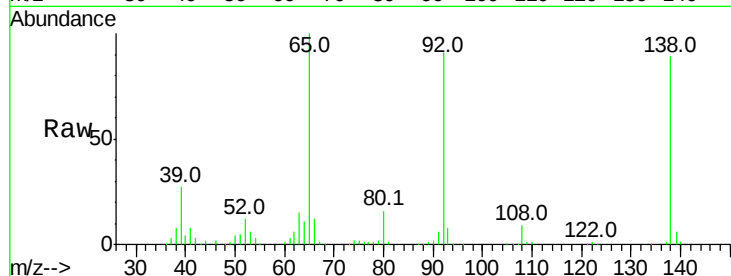




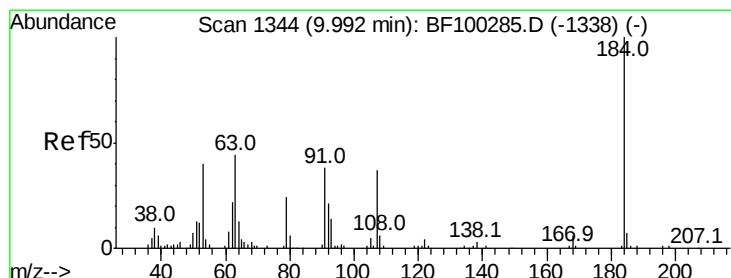
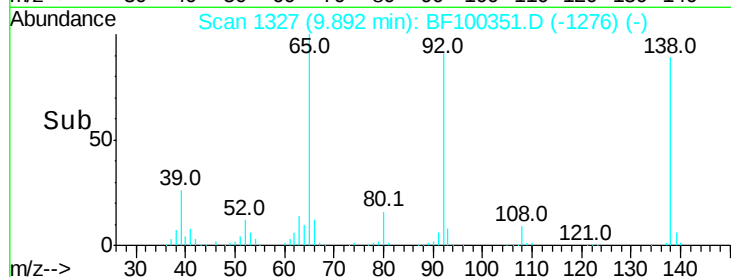
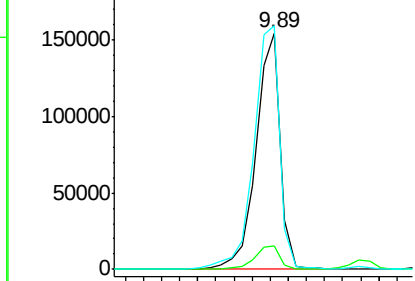
#52
3-Nitroaniline
Concen: 26.263 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 142971
Ion Ratio Lower Upper
138 100
108 10.1 9.4 14.0
92 103.0 89.4 134.2

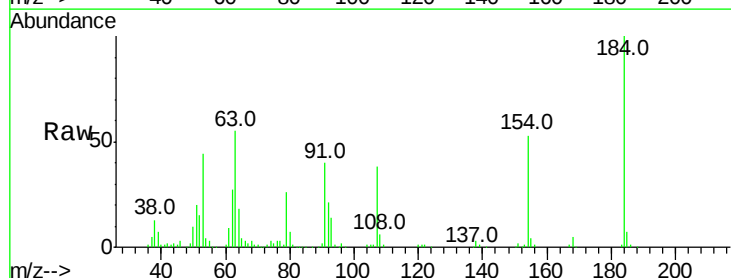


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

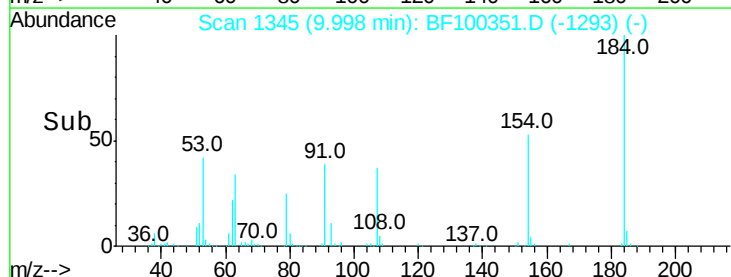
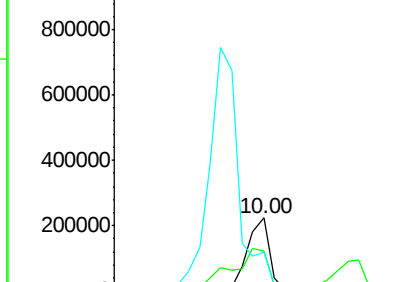


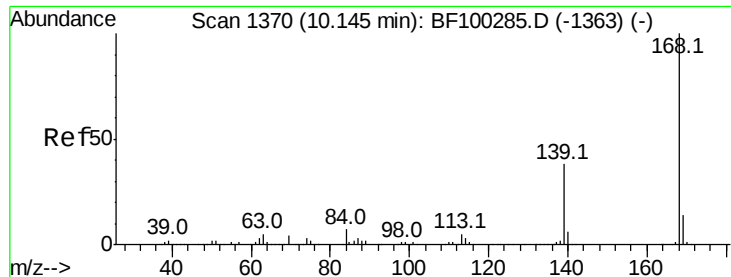
#53
2,4-Dinitrophenol
Concen: 89.885 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:184 Resp: 192655
Ion Ratio Lower Upper
184 100
63 55.1 54.2 81.2
154 53.1 184.0 276.0#



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





#54

Dibenzenofuran

Concen: 41.846 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

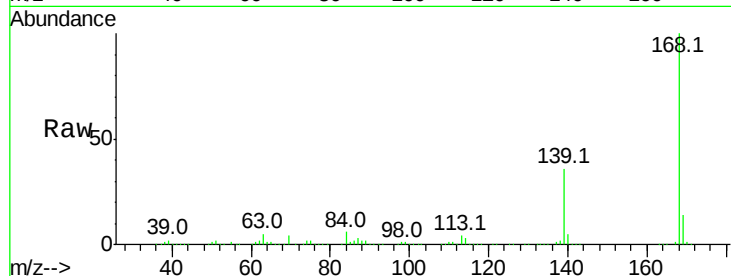
Tot Ion:168 Resp: 1131405

Ion Ratio Lower Upper

168 100

139 36.1 30.1 45.1

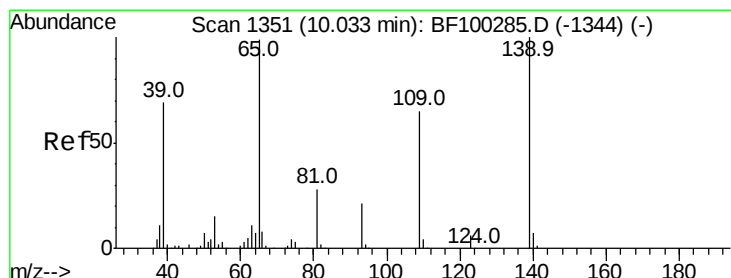
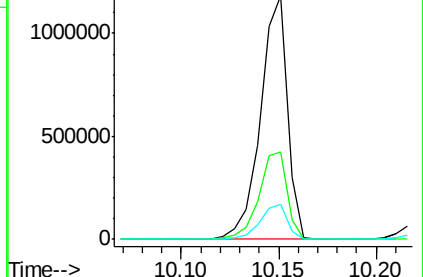
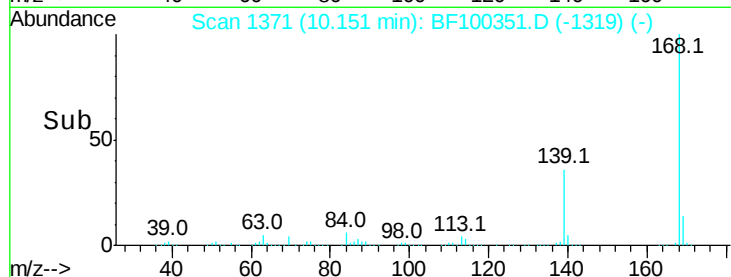
169 14.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 87.999 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

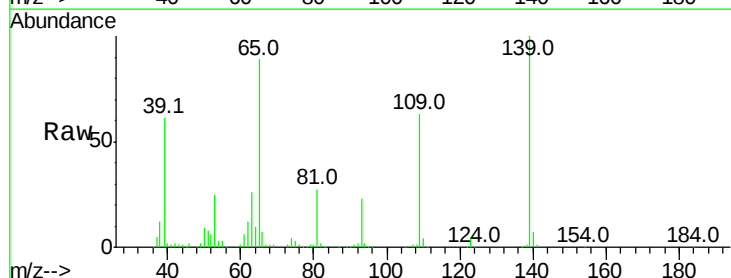
Tgt Ion:139 Resp: 388989

Ion Ratio Lower Upper

139 100

109 62.5 48.4 88.4

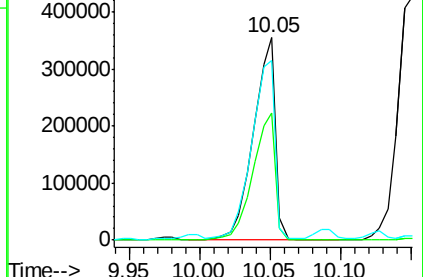
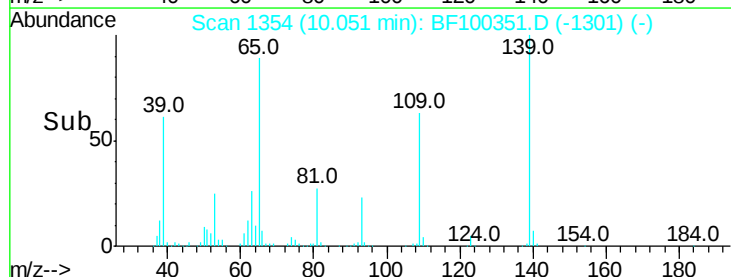
65 88.9 72.6 112.6

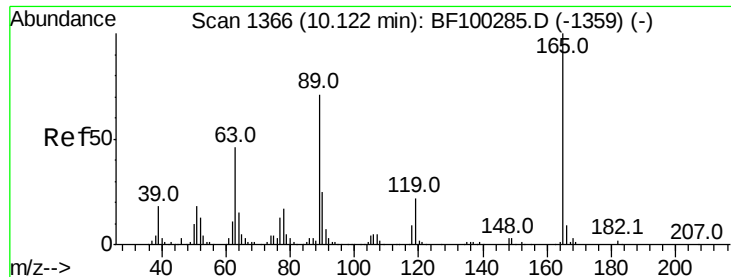


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

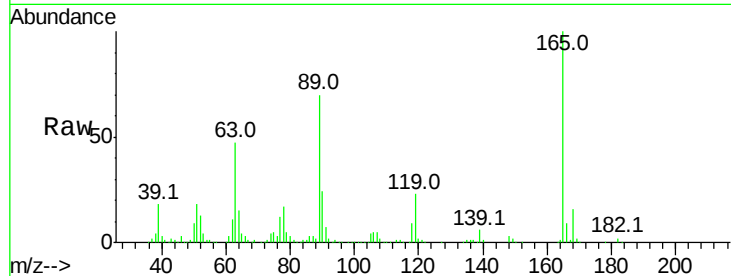




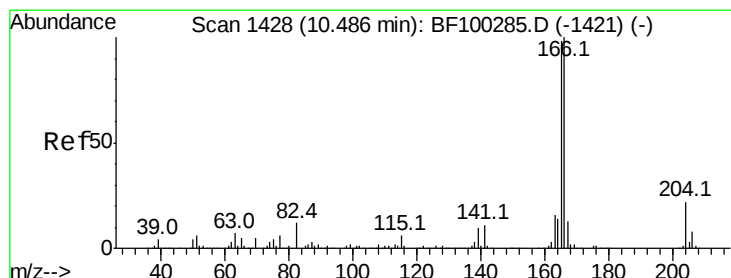
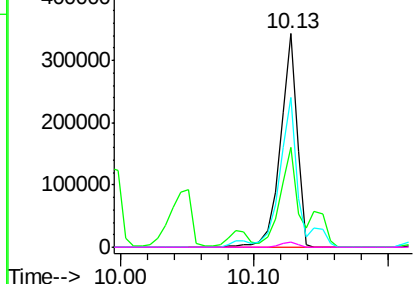
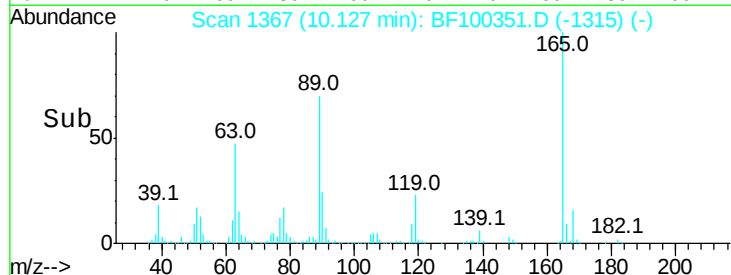
#56
2,4-Dinitrotoluene
Concen: 51.946 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 302112
Ion Ratio Lower Upper
165 100
63 46.5 36.4 54.6
89 70.2 57.8 86.6
182 2.4 1.6 2.4

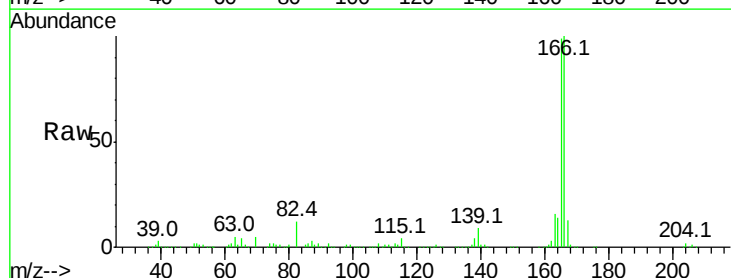


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

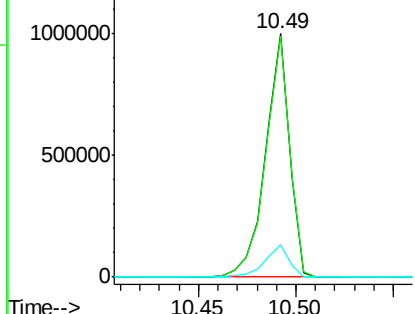
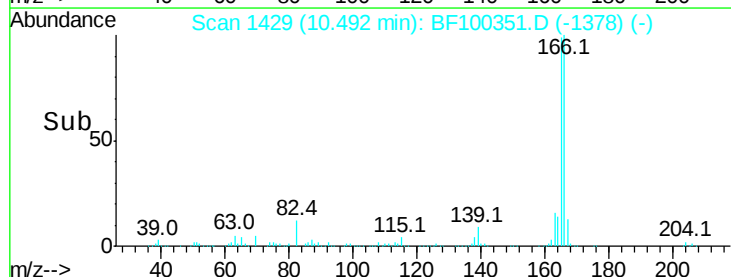


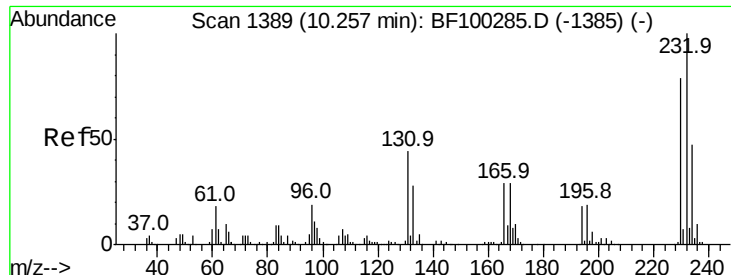
#57
Fluorene
Concen: 42.910 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:166 Resp: 849901
Ion Ratio Lower Upper
166 100
165 98.9 79.8 119.8
167 13.2 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: 47.103 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 256454

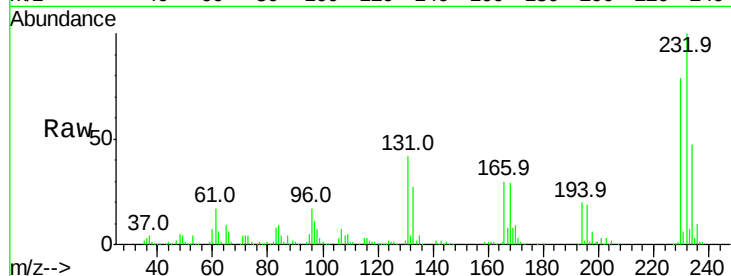
Ion Ratio Lower Upper

232 100

131 44.7 43.8 65.8

130 2.1 2.1 3.1#

166 30.5 27.8 41.6

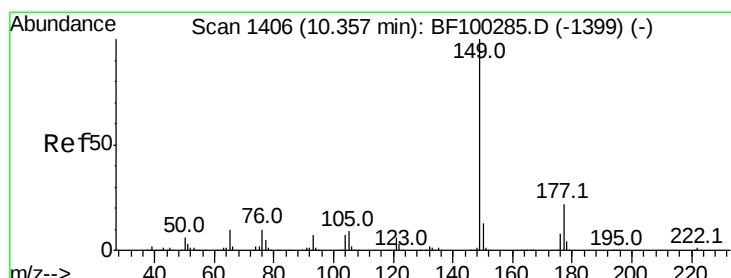
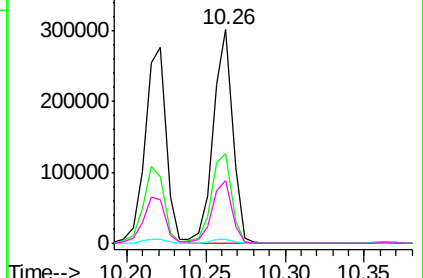
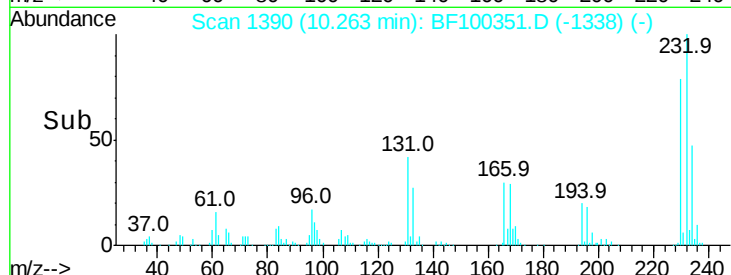


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 41.558 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

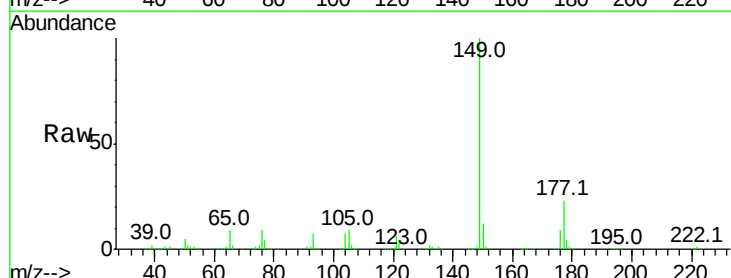
Tgt Ion:149 Resp: 968593

Ion Ratio Lower Upper

149 100

177 22.5 16.1 24.1

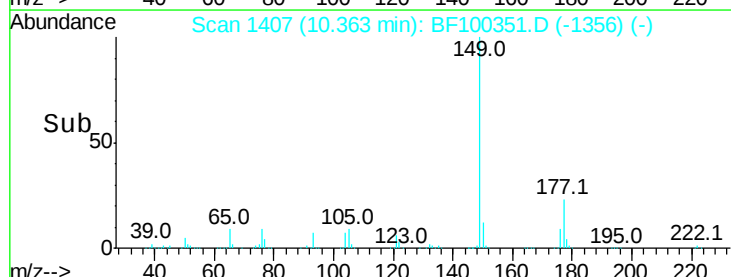
150 12.3 10.1 15.1



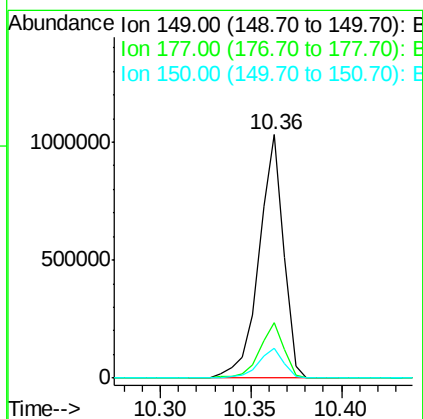
Abundance Ion 149.00 (148.70 to 149.70): E

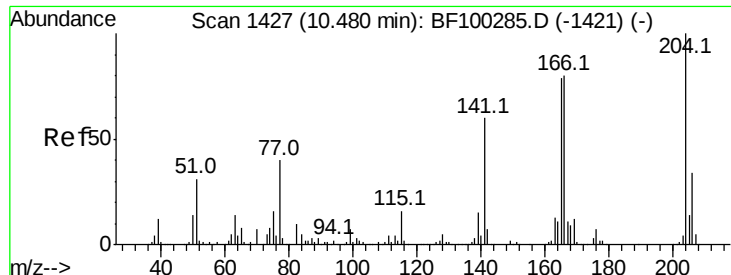
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->

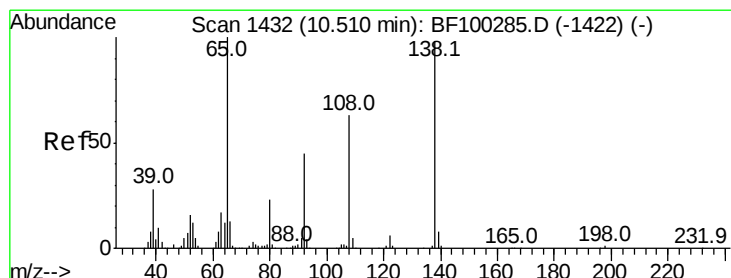
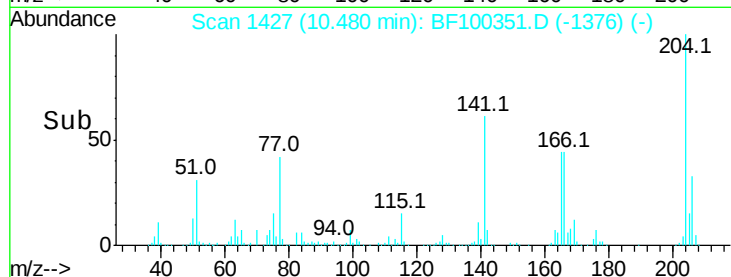
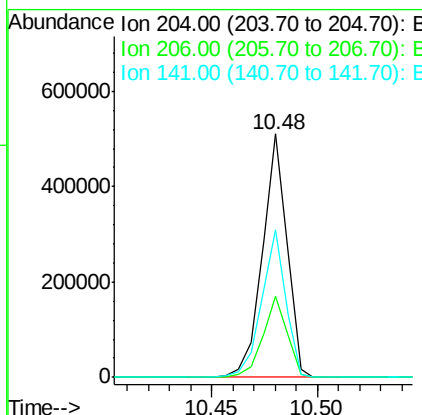
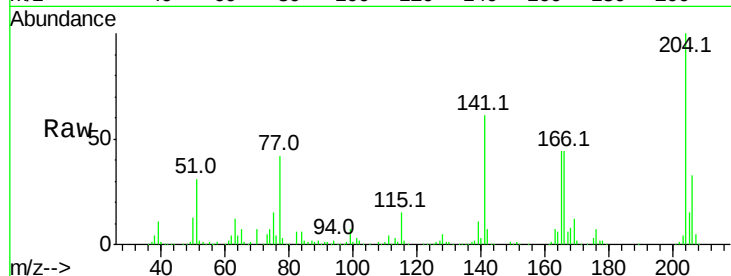




#60
4-Chlorophenyl-phenylether
Concen: 42.625 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

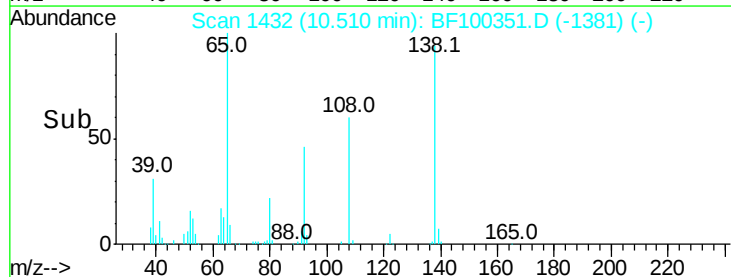
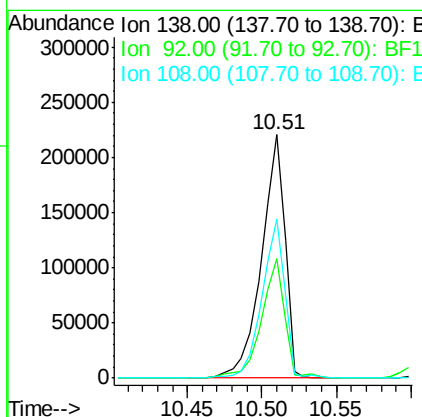
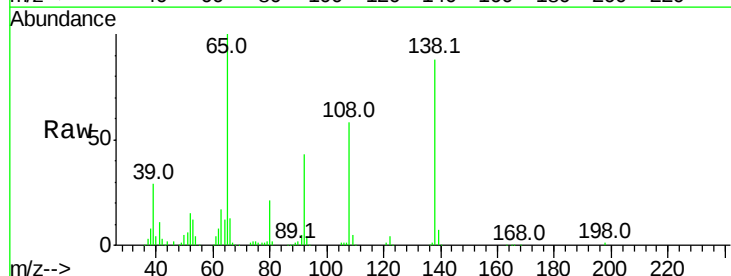
Instrument :
BNA_F
ClientSampled :

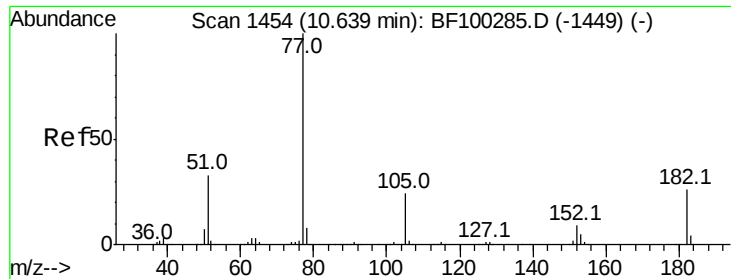
Tot Ion:204 Resp: 414164
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 60.6 54.6 81.8



#61
4-Nitroaniline
Concen: 46.185 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:138 Resp: 238407
Ion Ratio Lower Upper
138 100
92 49.2 30.2 70.2
108 65.5 52.5 92.5





#62

Azobenzene

Concen: 43.491 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 954683

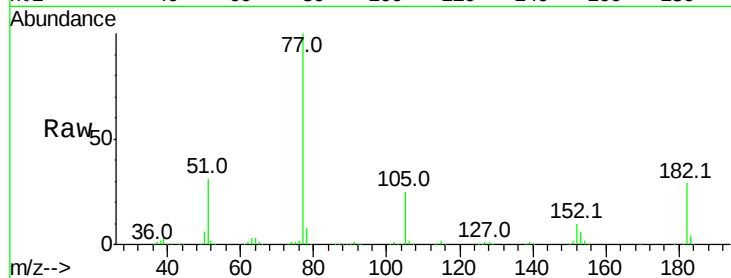
Ion Ratio Lower Upper

77 100

182 28.5 1.7 41.7

105 25.1 3.0 43.0

51 31.3 9.9 49.9

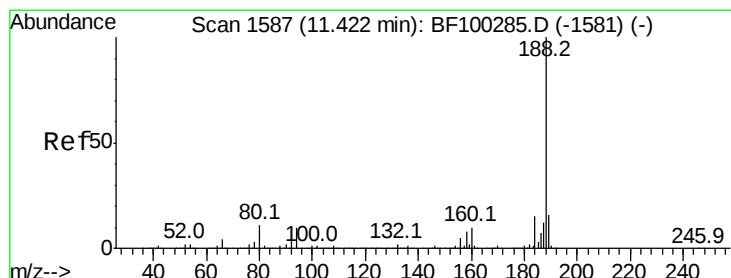
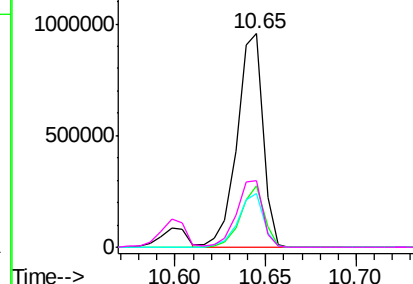
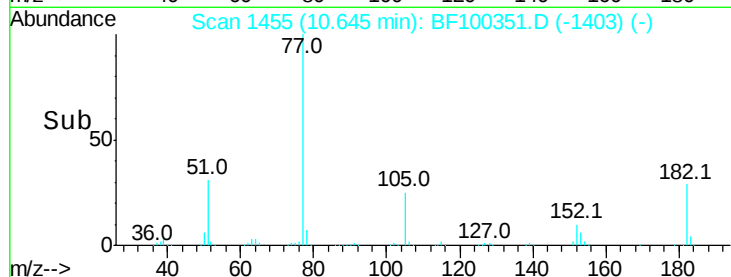


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

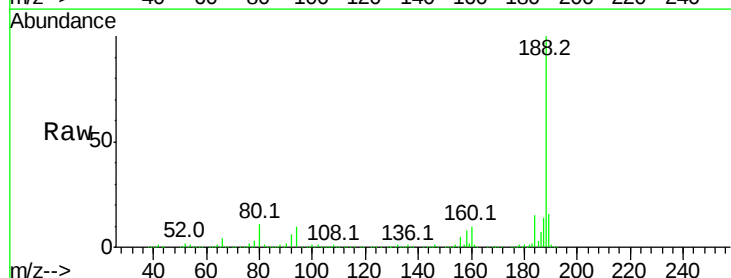
Tgt Ion: 188 Resp: 596298

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

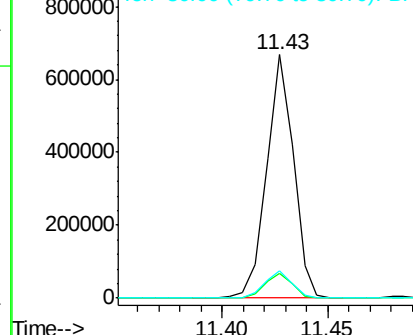
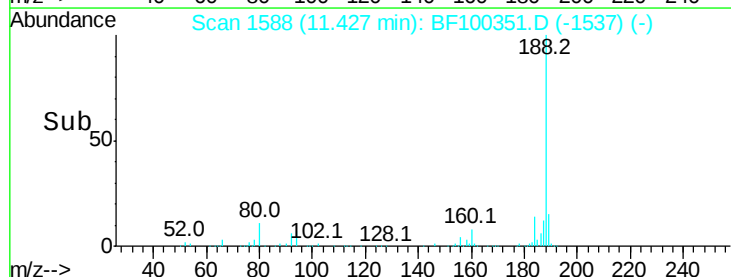
80 11.0 9.2 13.8

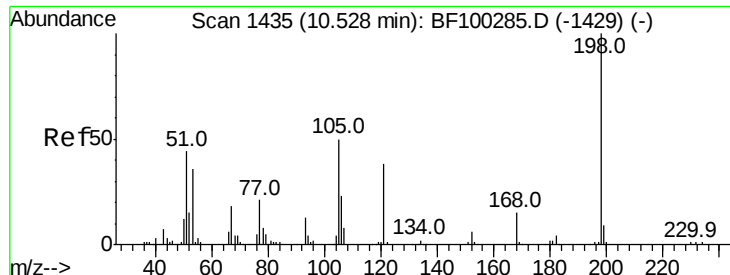


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 46.186 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

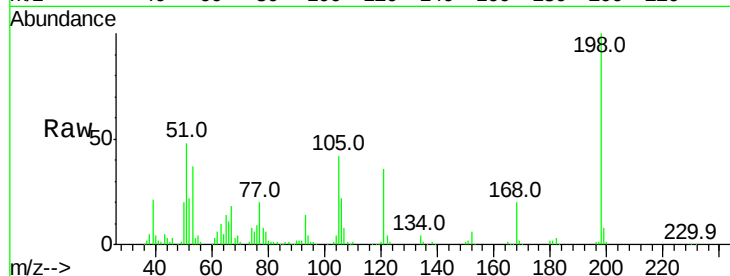
Tot Ion:198 Resp: 137870

Ion Ratio Lower Upper

198 100

51 47.8 37.7 77.7

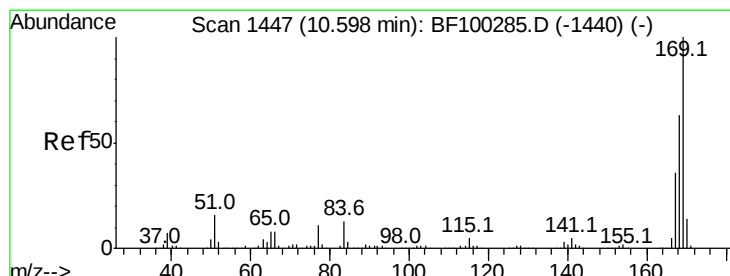
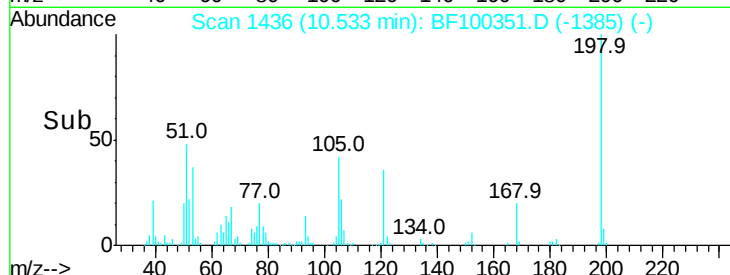
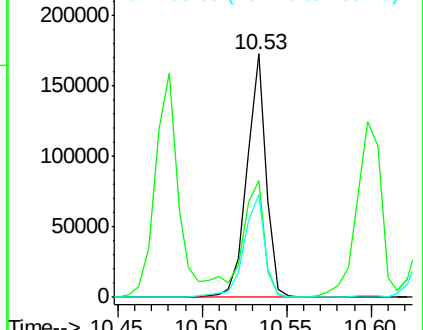
105 42.1 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 40.394 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

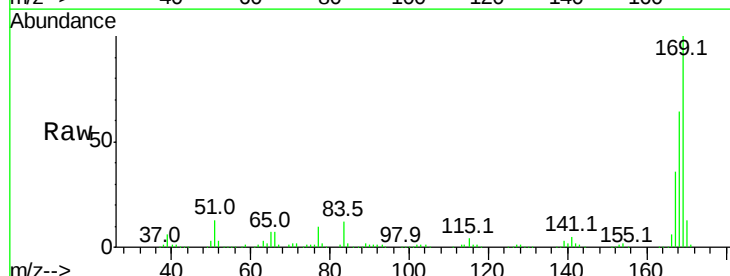
Tgt Ion:169 Resp: 837516

Ion Ratio Lower Upper

169 100

168 64.1 54.4 81.6

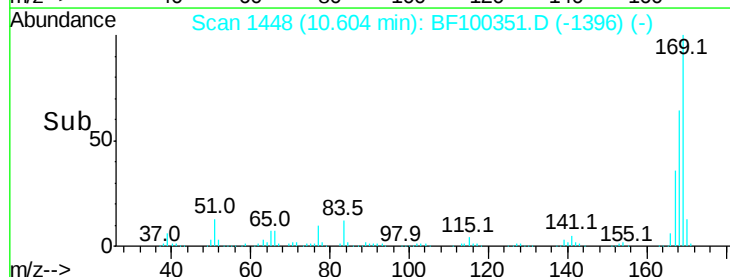
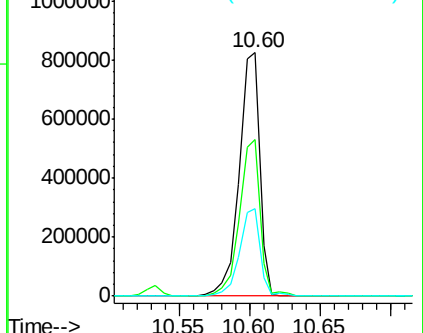
167 36.0 29.8 44.6

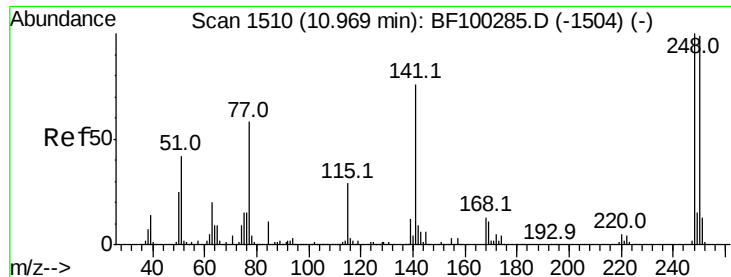


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

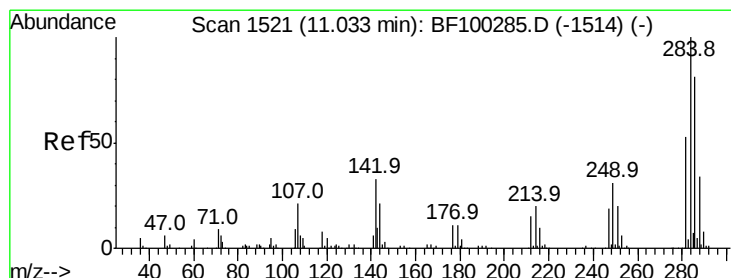
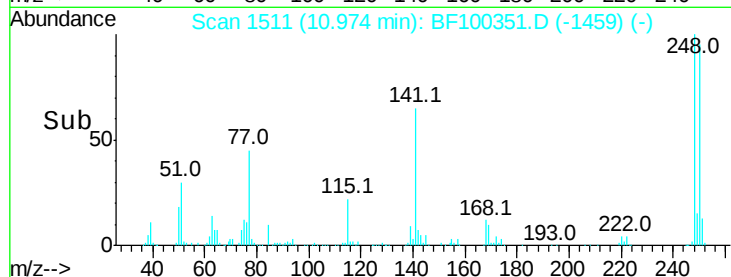
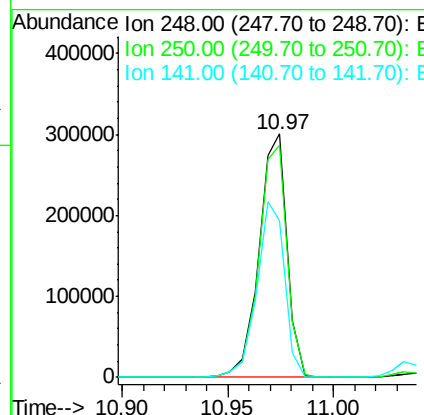
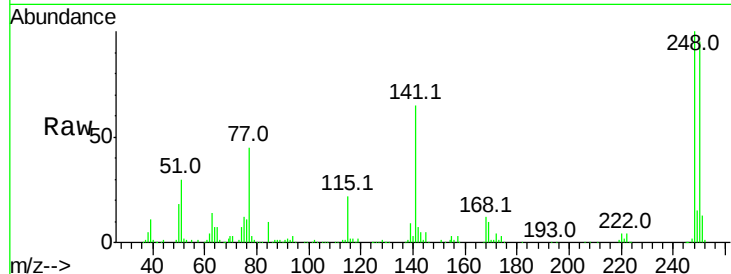




#66
4-Bromophenyl-phenylether
Concen: 43.304 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

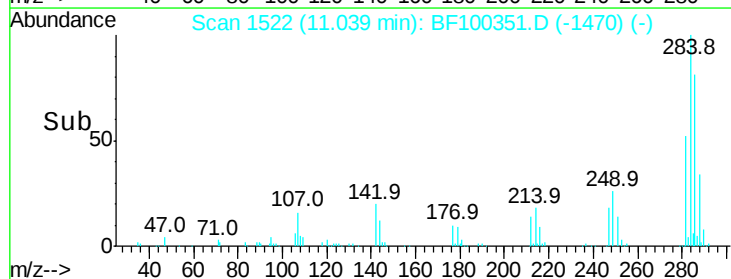
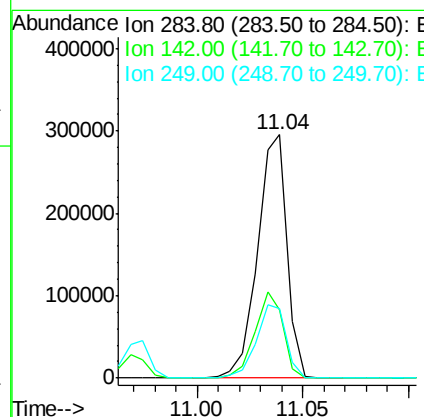
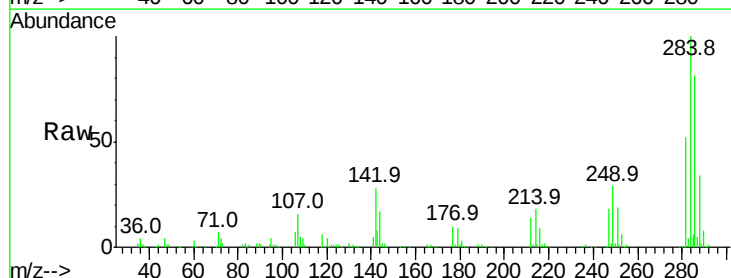
Instrument :
BNA_F
ClientSampleId :

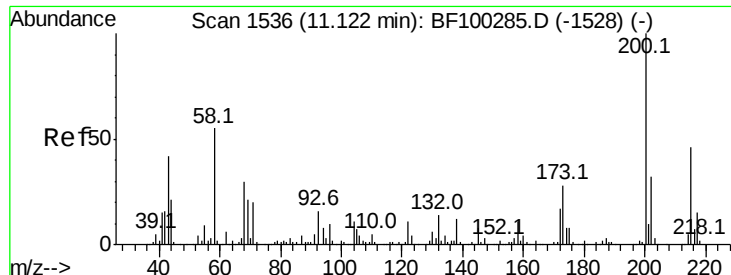
Tot Ion:248 Resp: 276810
Ion Ratio Lower Upper
248 100
250 95.4 76.9 115.3
141 64.5 74.4 111.6#



#67
Hexachlorobenzene
Concen: 42.915 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:284 Resp: 286908
Ion Ratio Lower Upper
284 100
142 27.9 34.6 52.0#
249 28.7 24.8 37.2

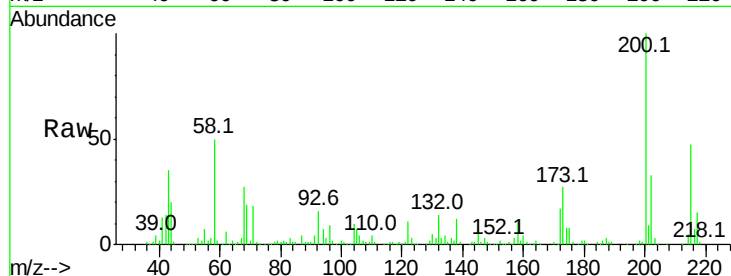




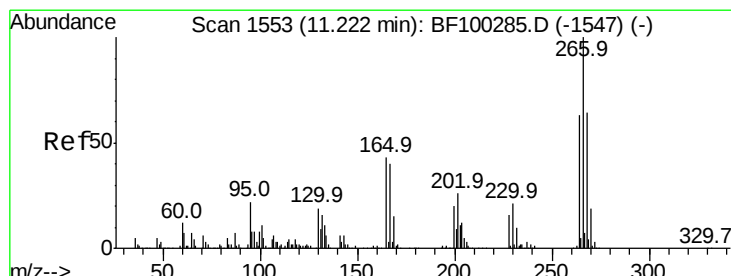
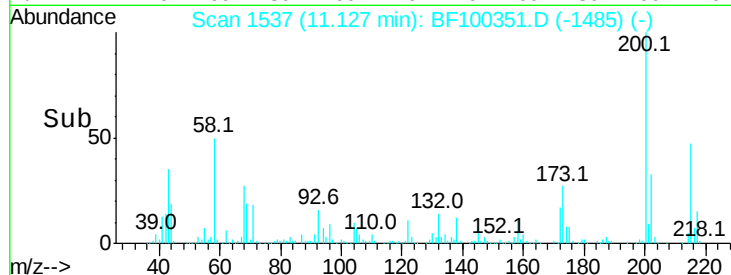
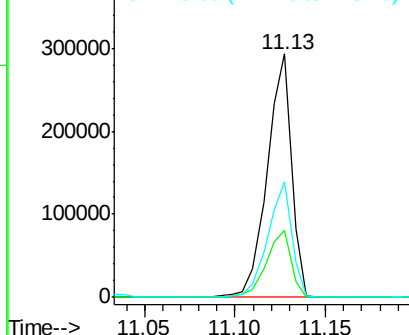
#68
Atrazine
Concen: 43.528 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 273189
Ion Ratio Lower Upper
200 100
173 27.3 8.6 48.6
215 47.3 25.1 65.1

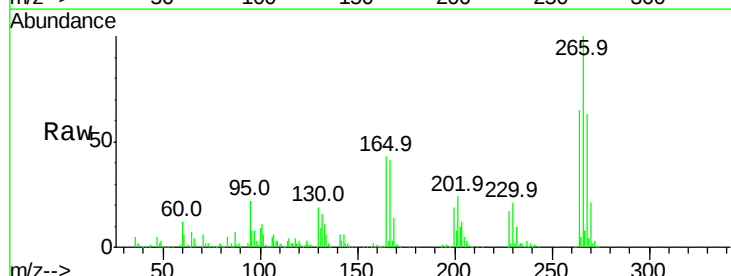


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

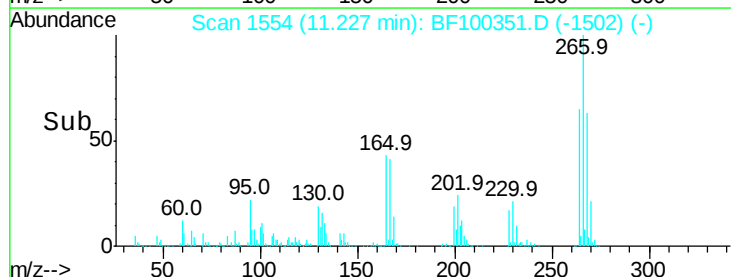
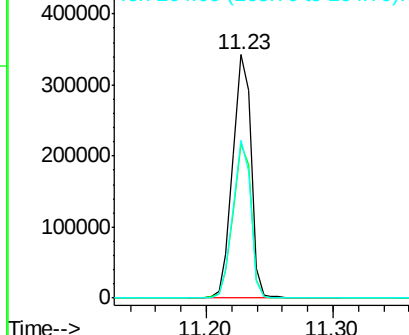


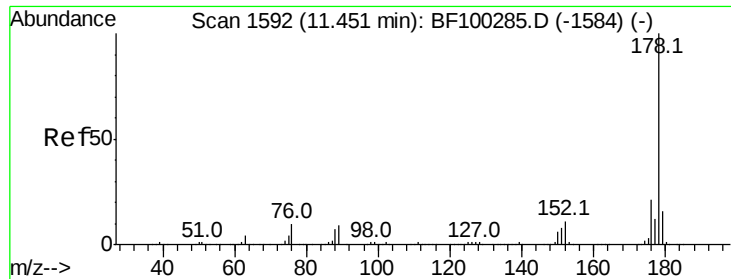
#69
Pentachlorophenol
Concen: 71.373 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:266 Resp: 342153
Ion Ratio Lower Upper
266 100
268 63.1 51.1 76.7
264 64.7 49.5 74.3



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





#70

Phenanthrene

Concen: 41.442 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

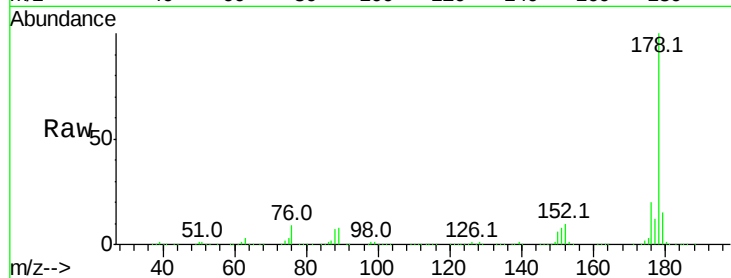
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1301108

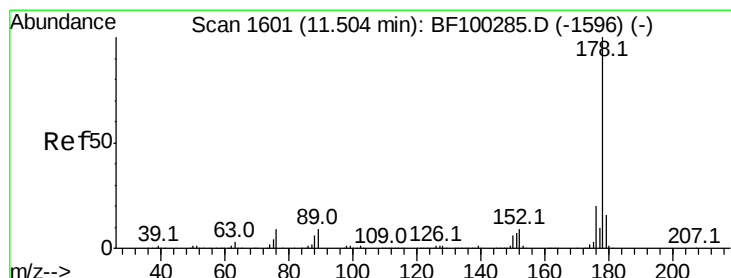
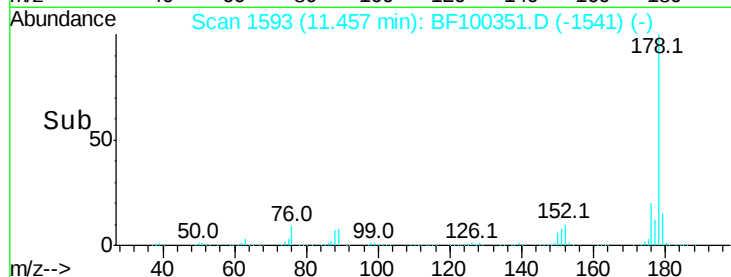
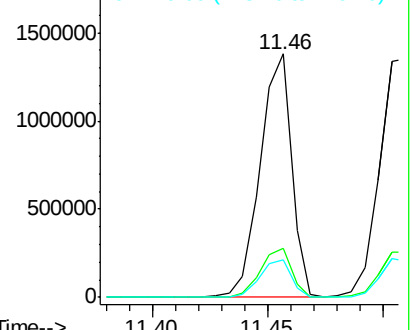
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.3	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 42.350 ng

RT: 11.51 min Scan# 1602

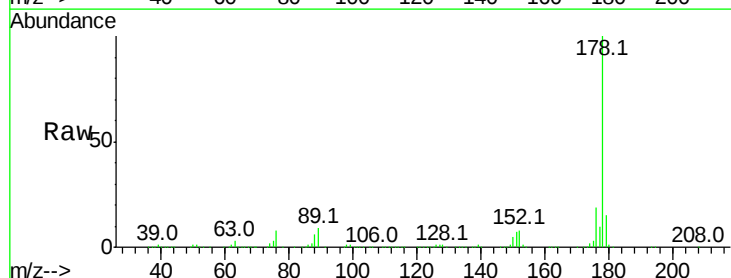
Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:178 Resp: 1348955

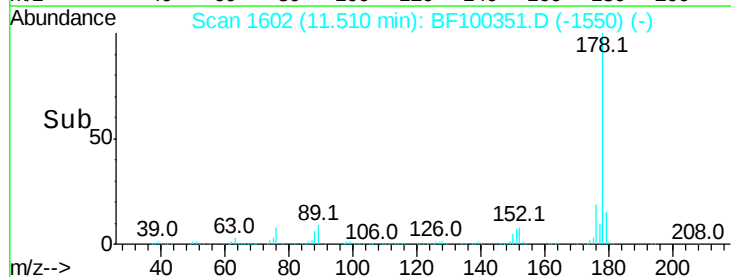
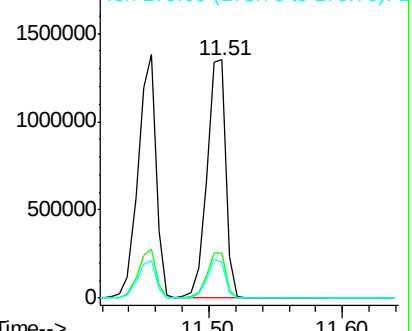
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.0	12.6	19.0

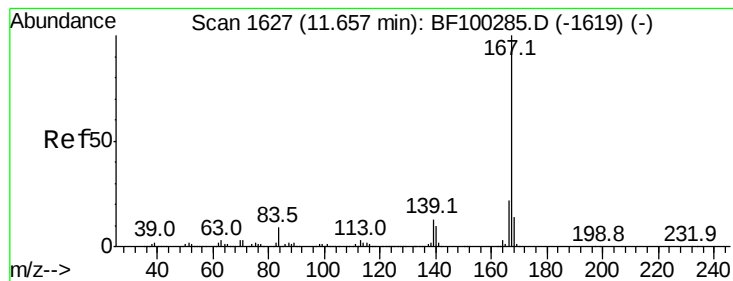


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 40.920 ng

RT: 11.66 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

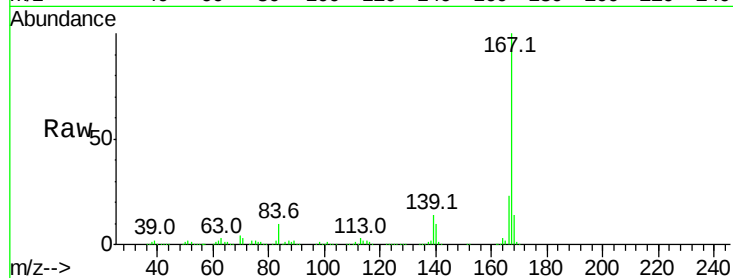
Instrument :

BNA_F

ClientSampleId :

Tot Ion:167 Resp: 1202669

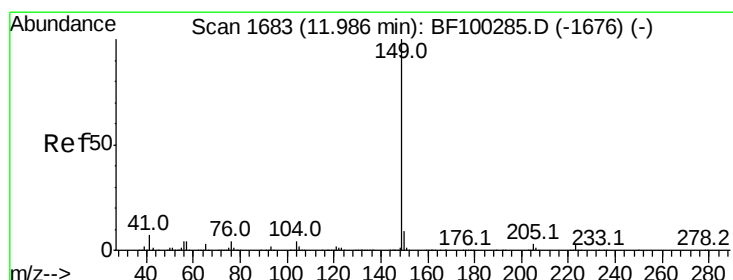
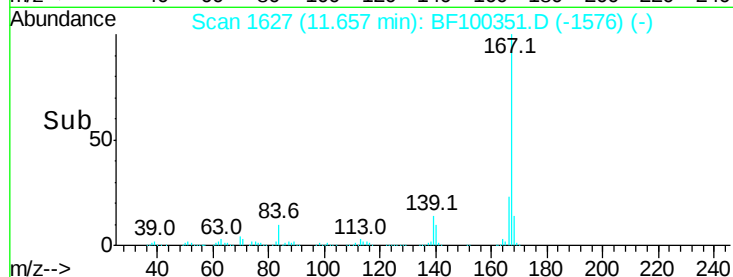
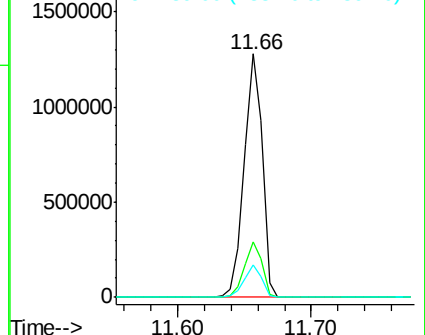
Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.6	26.4
139	13.6	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 44.134 ng

RT: 11.99 min Scan# 1683

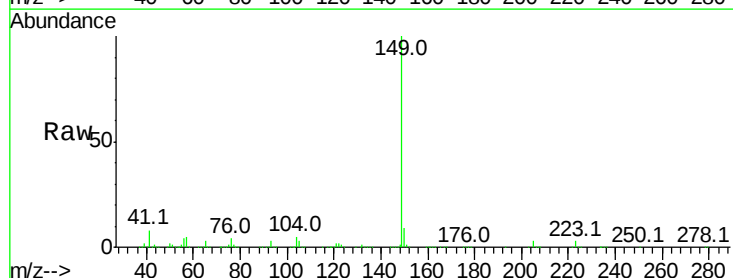
Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Tgt Ion:149 Resp: 1517969

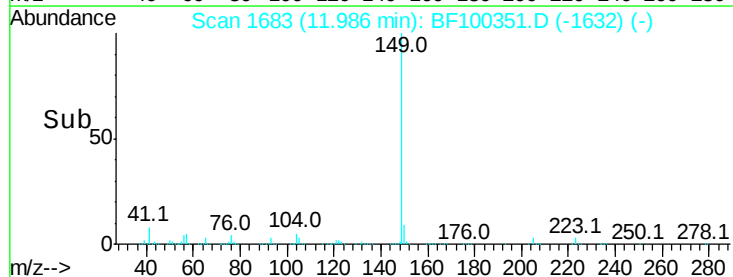
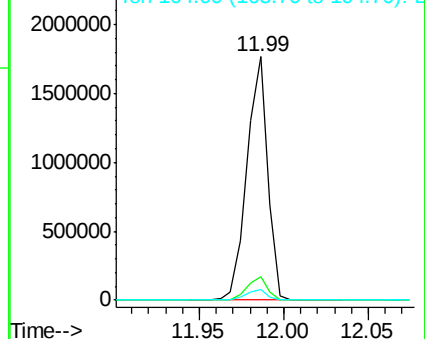
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.5	3.8	5.8

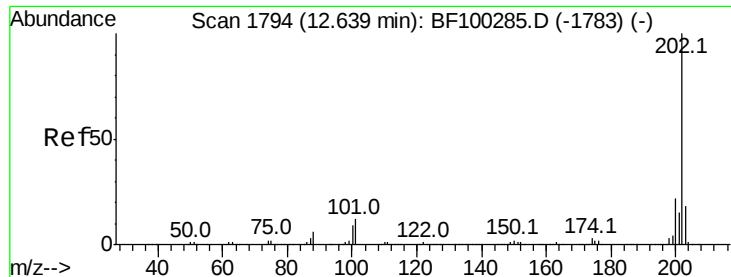


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



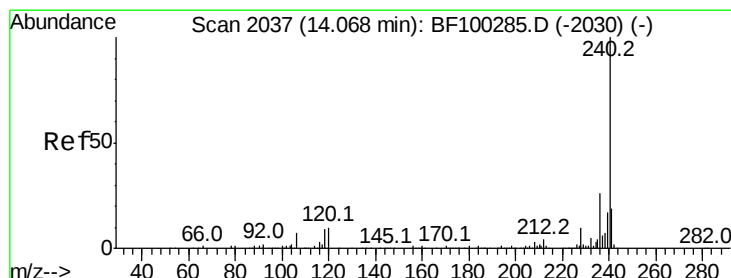
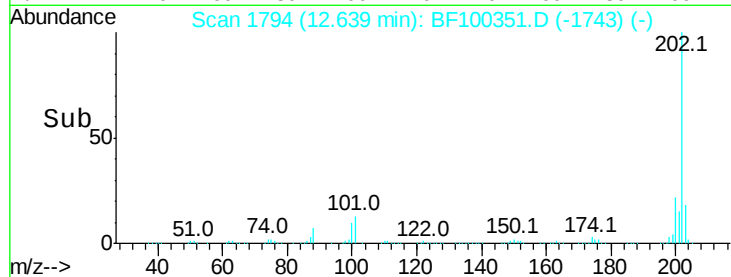
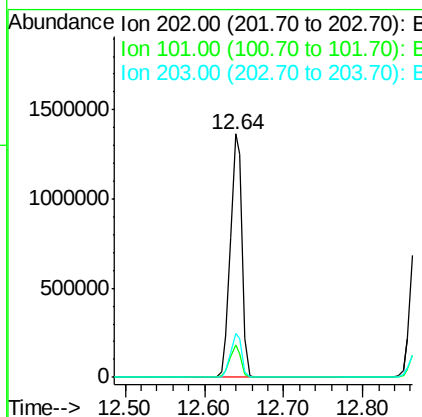
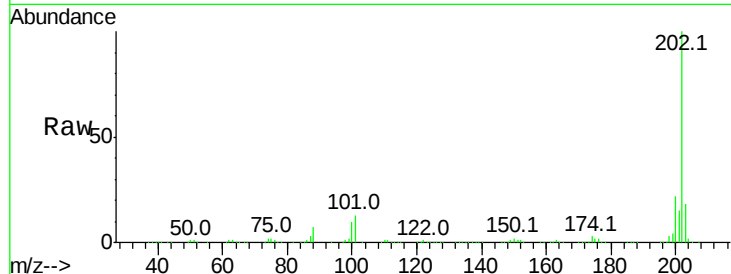


#74
Fluoranthene
 Concen: 41.578 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1383471

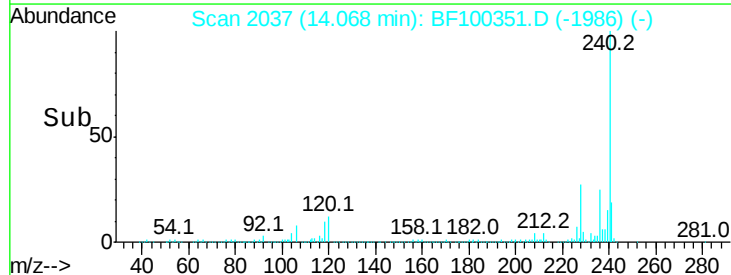
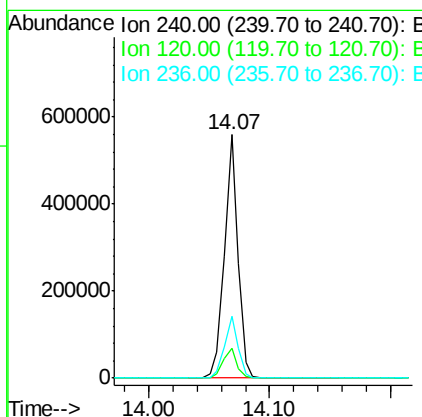
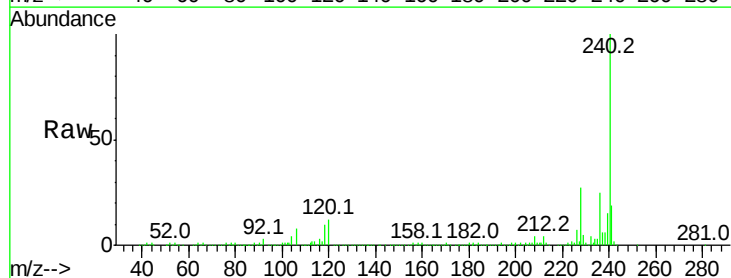
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	18.1	0.0	38.1

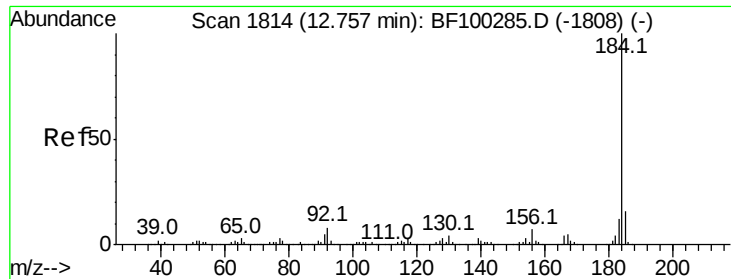


#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion:240 Resp: 432560

Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.4	20.7	31.1





#76

Benzidine

Concen: 36.770 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

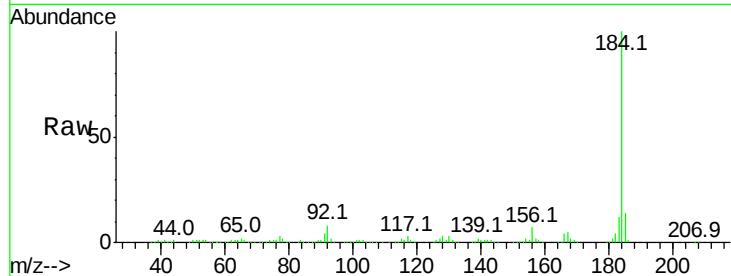
Tot Ion:184 Resp: 636977

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

183 11.7 9.3 13.9

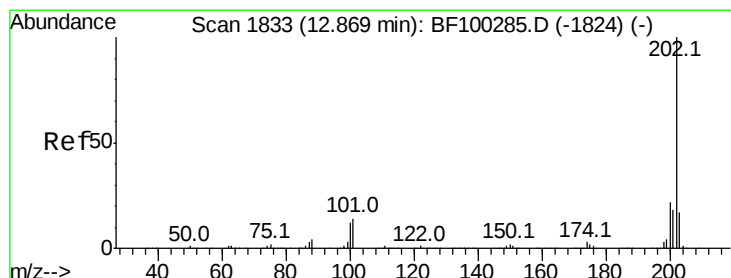
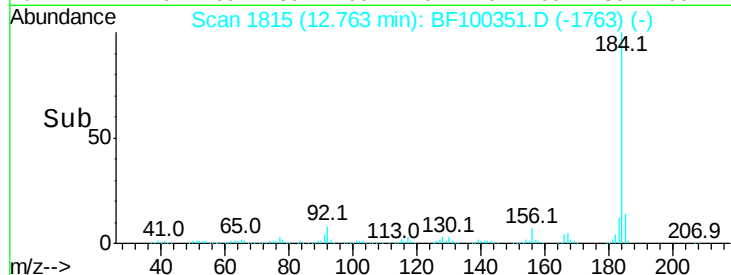
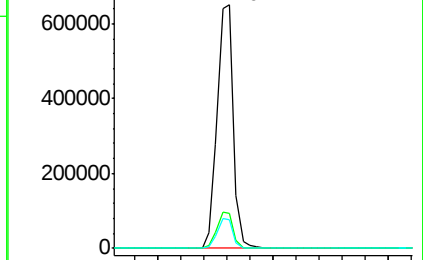


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.76



#77

Pyrene

Concen: 45.225 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

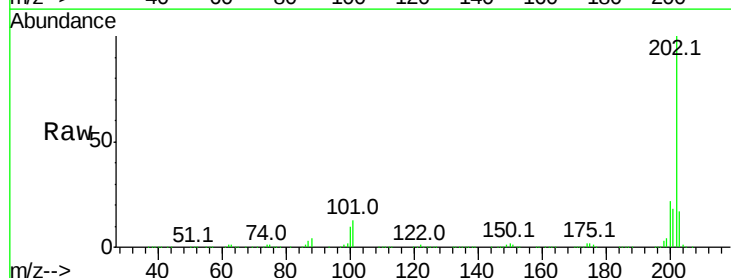
Tgt Ion:202 Resp: 1394479

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 17.3 14.3 21.5

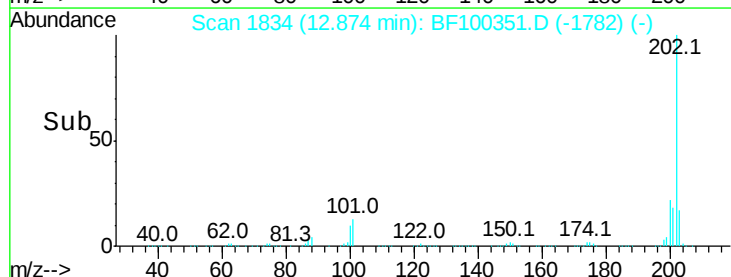
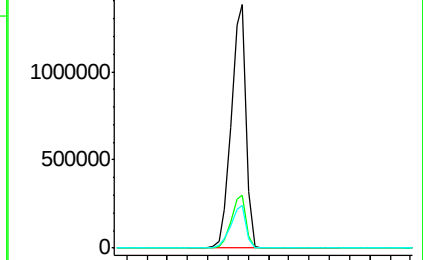


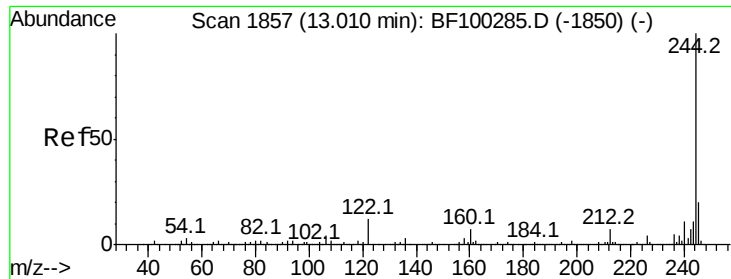
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.87

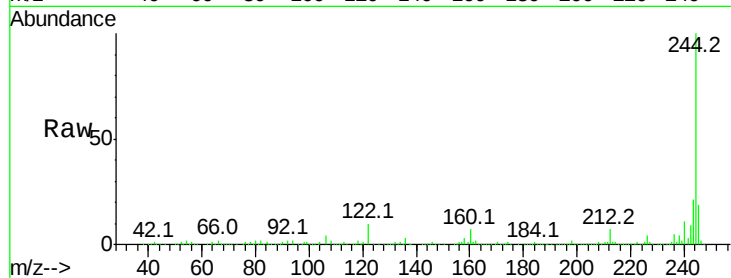




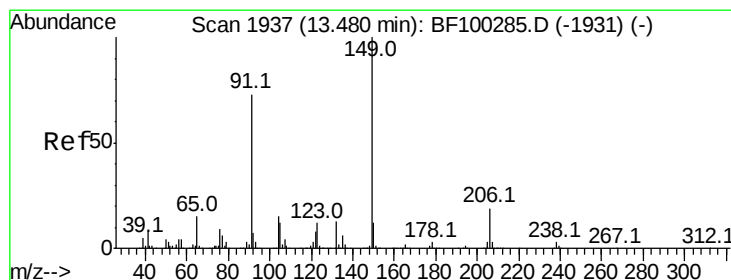
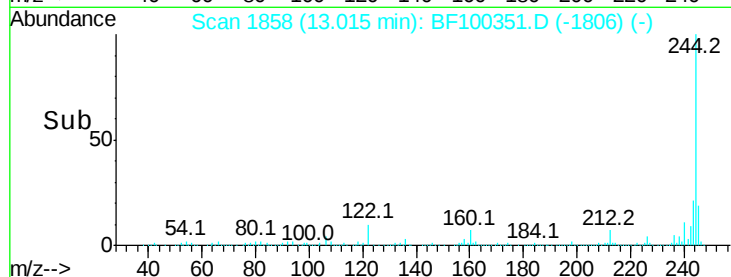
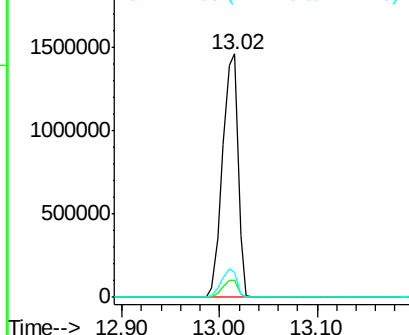
#78
 Terphenyl-d14
 Concen: 86.205 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1622874
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.4 11.0 16.4#

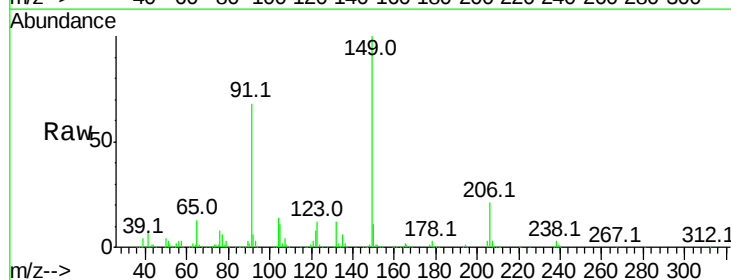


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

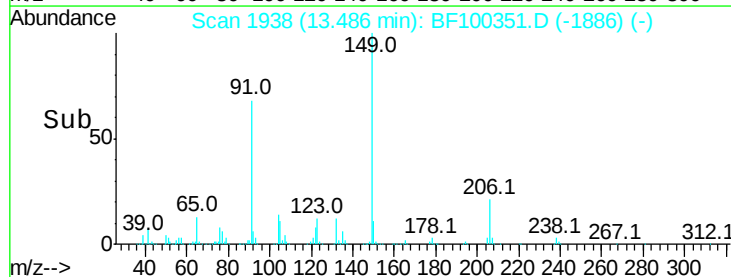
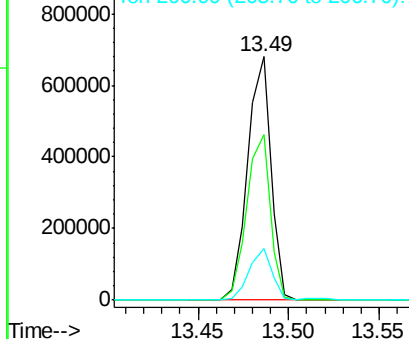


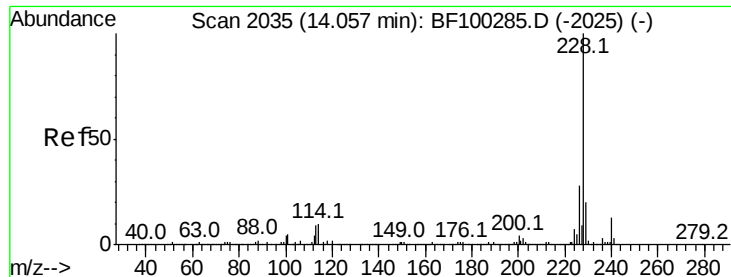
#79
 Butylbenzylphthalate
 Concen: 48.517 ng
 RT: 13.49 min Scan# 1938
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion:149 Resp: 610090
 Ion Ratio Lower Upper
 149 100
 91 68.2 56.8 85.2
 206 21.2 14.1 21.1#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

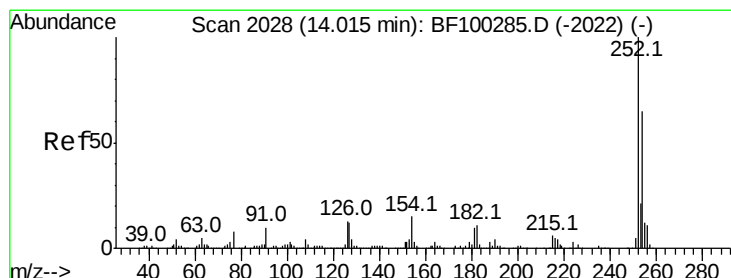
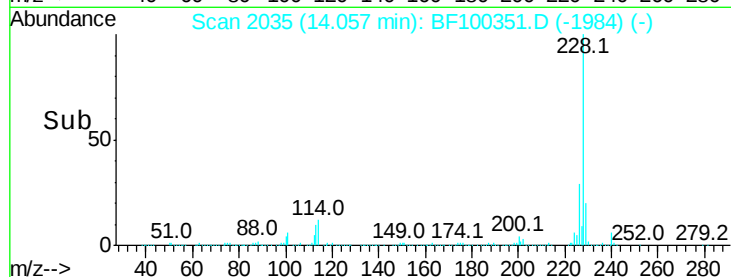
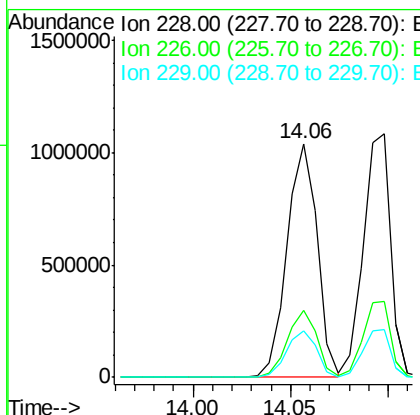
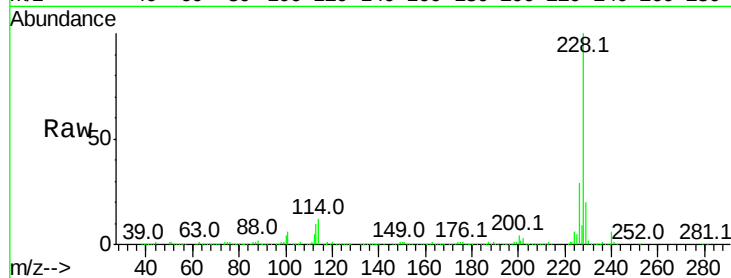




#80
Benzo(a)anthracene
Concen: 42.623 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

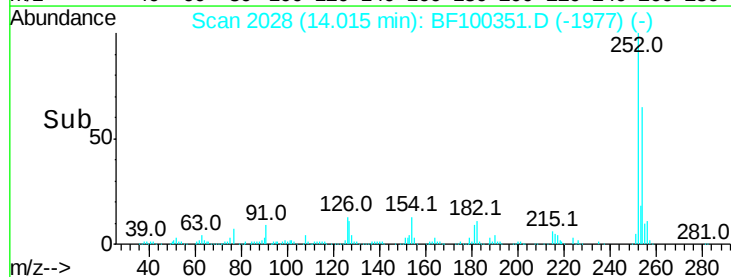
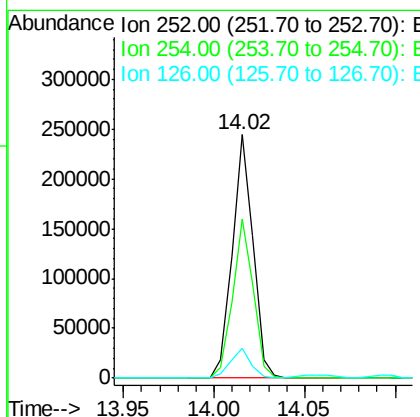
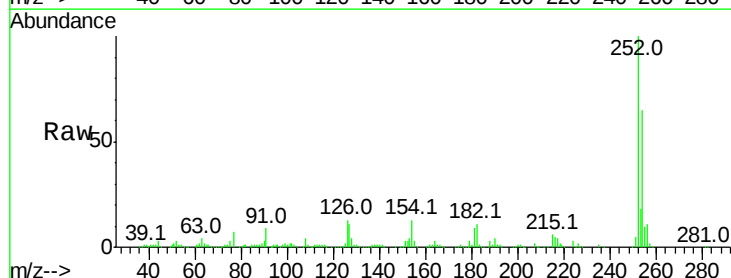
Instrument :
BNA_F
ClientSampled :

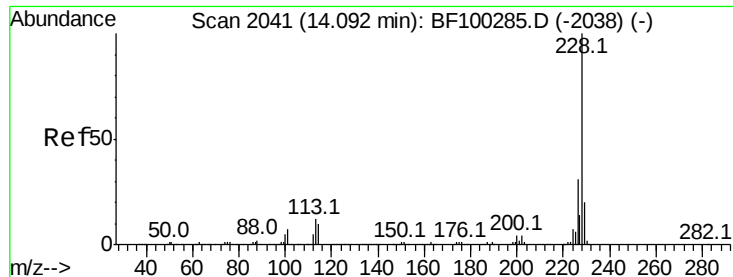
Tot Ion:228 Resp: 1110272
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.0 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 20.936 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:252 Resp: 195397
Ion Ratio Lower Upper
252 100
254 65.3 50.4 75.6
126 12.5 11.3 16.9

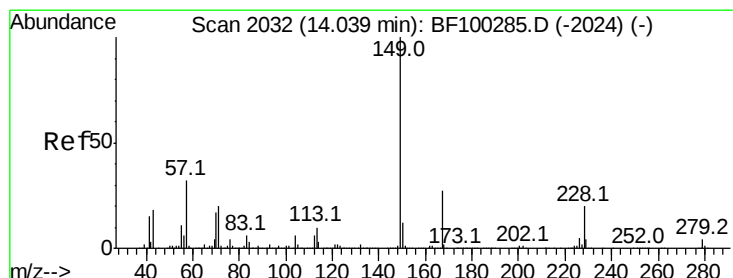
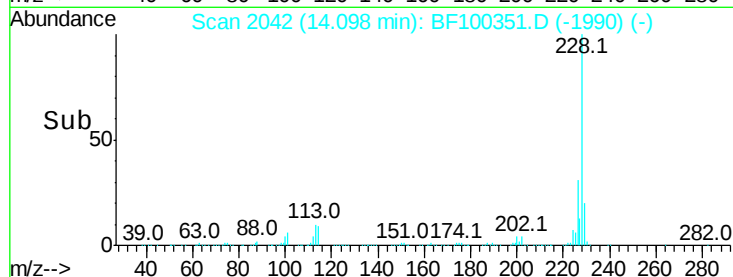
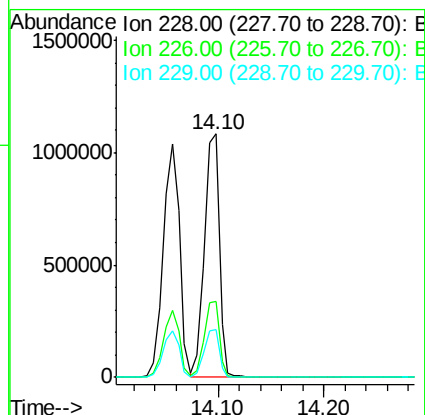
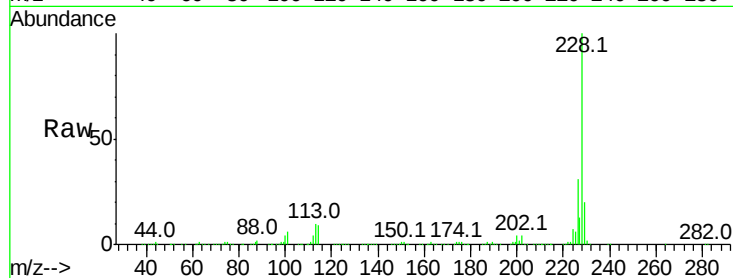




#82
 Chrvsene
 Concen: 41.949 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

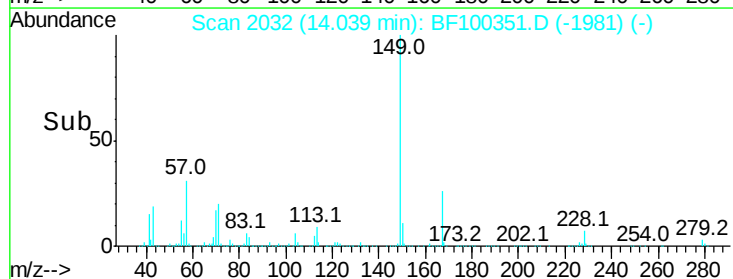
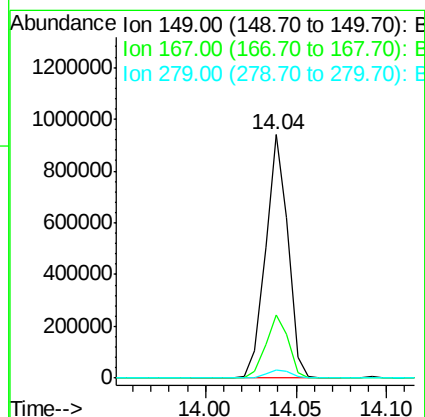
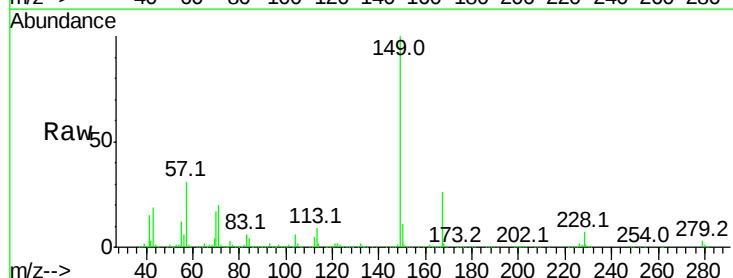
Instrument :
 BNA_F
 ClientSampled :

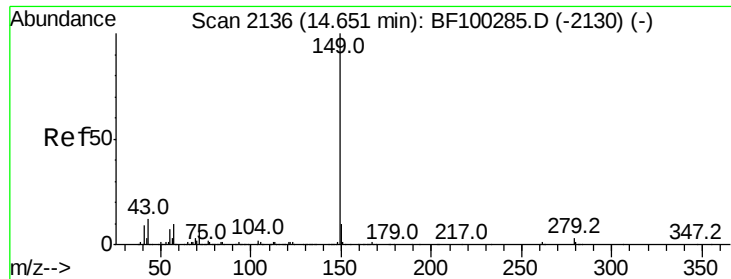
Tot Ion:228 Resp: 1058148
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 19.5 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.456 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF100351.D
 Acq: 9 Nov 2017 20:08

Tgt Ion:149 Resp: 801408
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.3 31.9
 279 3.5 3.0 4.4

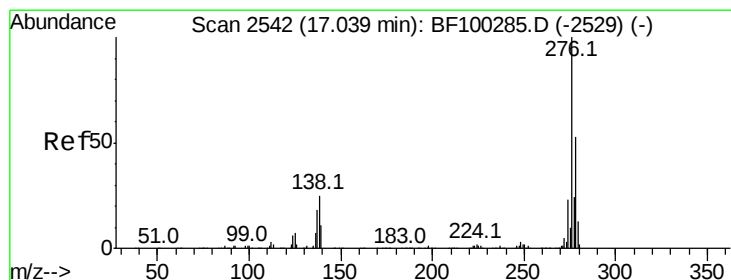
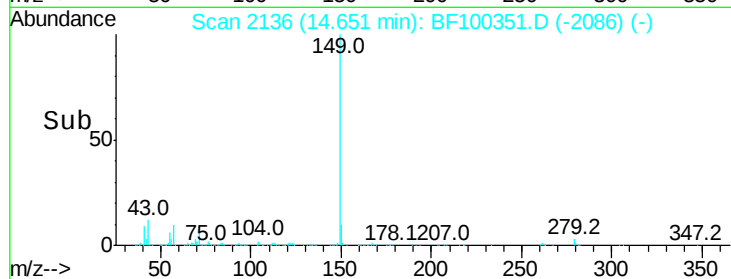
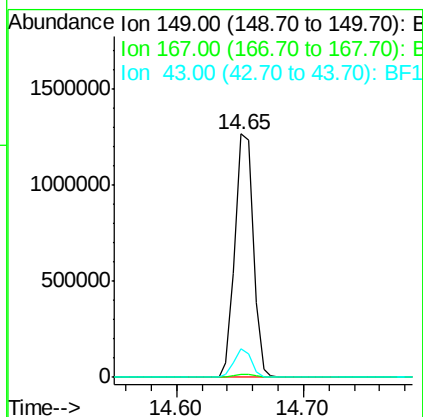
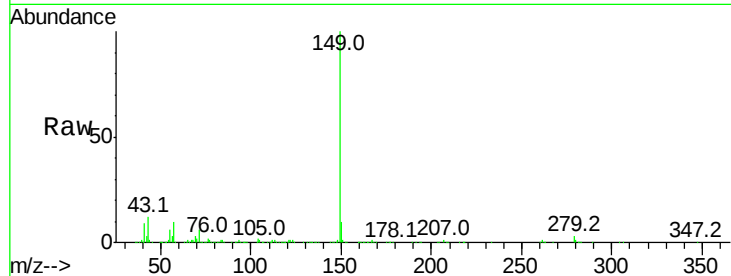




#84
Di-n-octyl phthalate
Concen: 44.325 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

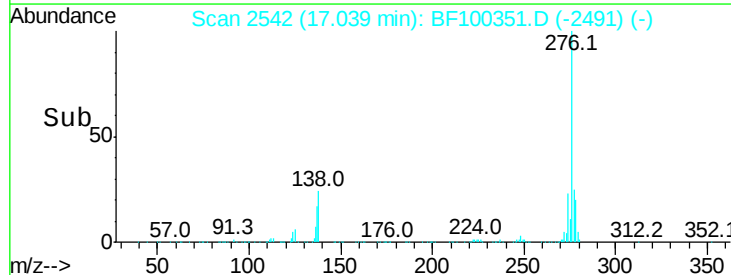
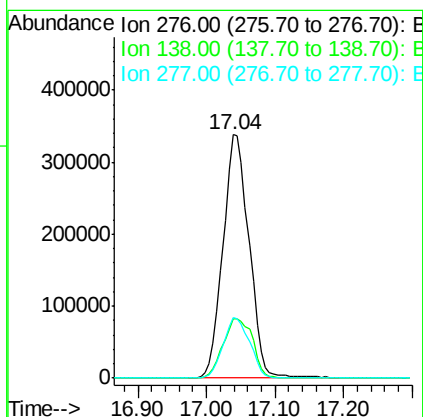
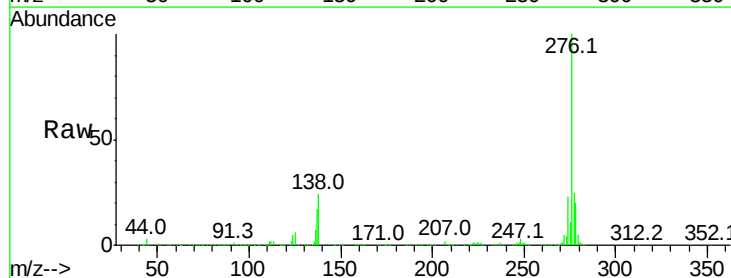
Instrument :
BNA_F
ClientSampleId :

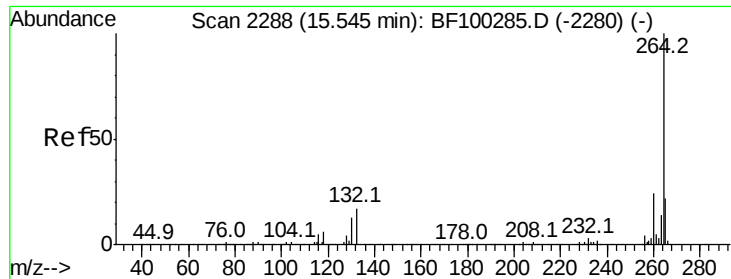
Tot Ion:149 Resp: 1259387
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 43.769 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:276 Resp: 893015
Ion Ratio Lower Upper
276 100
138 27.5 25.0 37.6
277 25.5 20.1 30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

Instrument :

BNA_F

ClientSampleId :

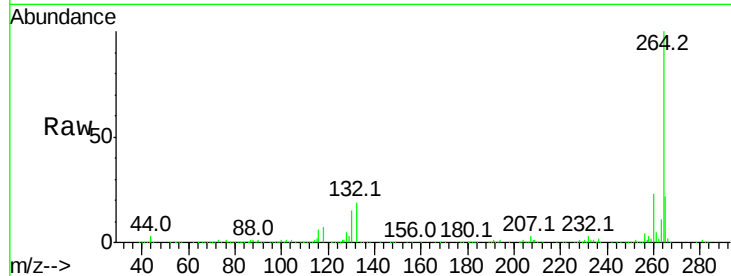
Tot Ion:264 Resp: 346533

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

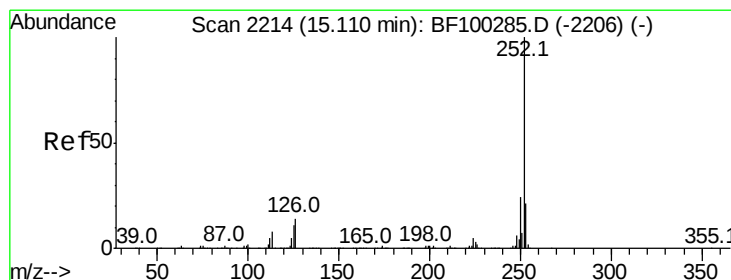
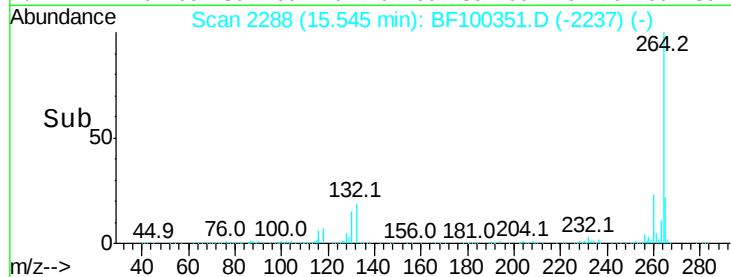
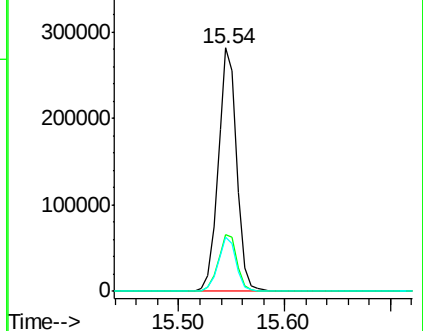
265 22.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 44.044 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF100351.D

Acq: 9 Nov 2017 20:08

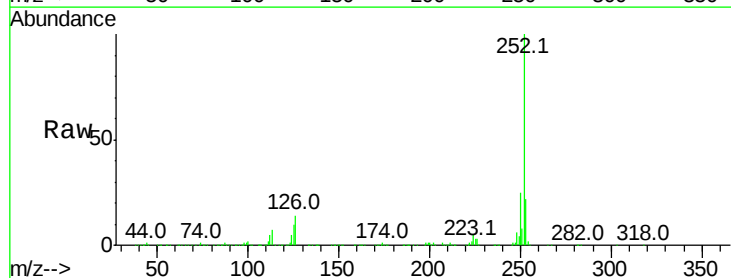
Tgt Ion:252 Resp: 904238

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

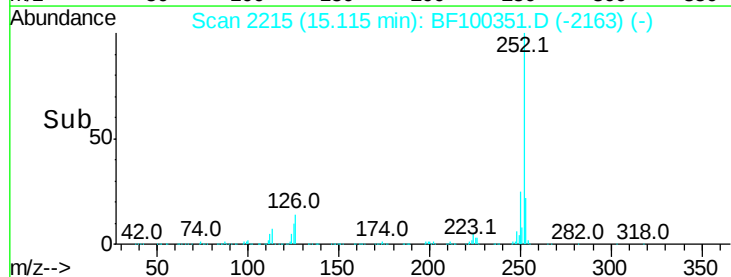
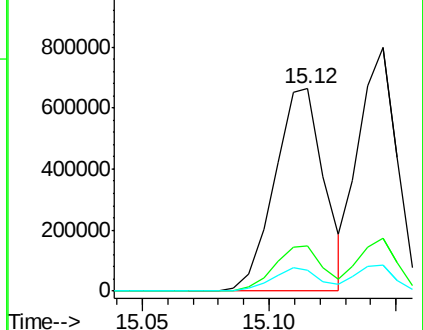
125 10.4 9.0 13.6

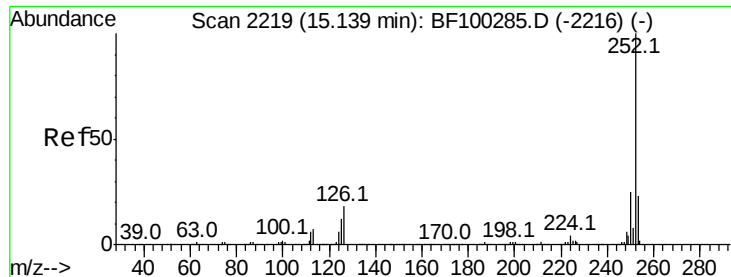


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

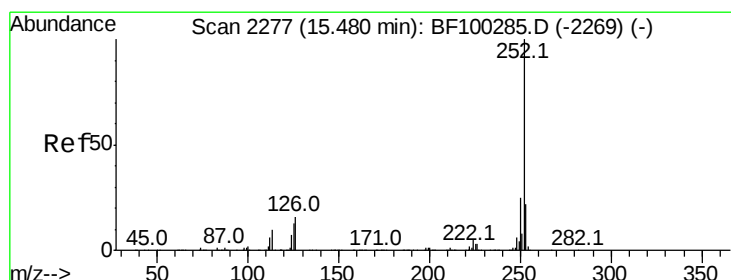
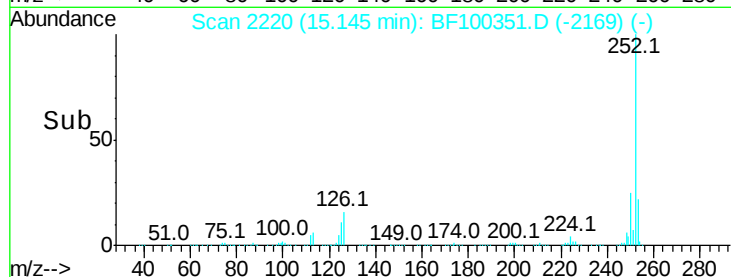
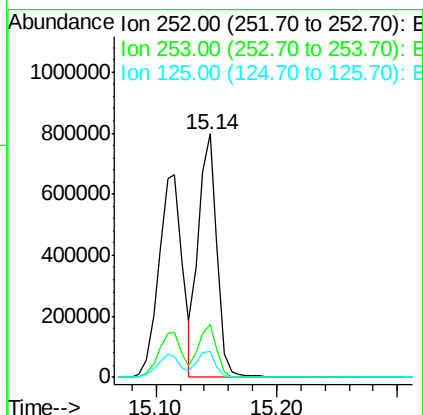
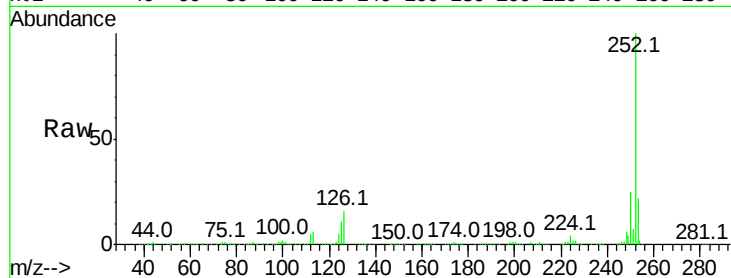




#88
Benzo(k)fluoranthene
Concen: 43.549 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

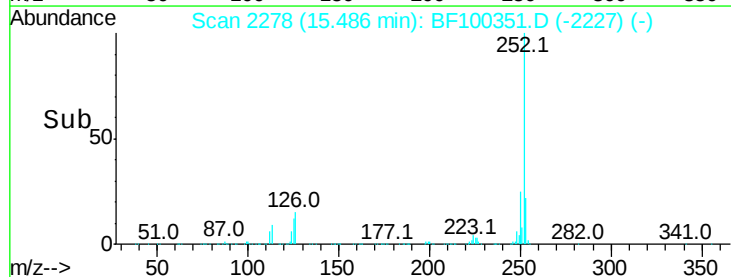
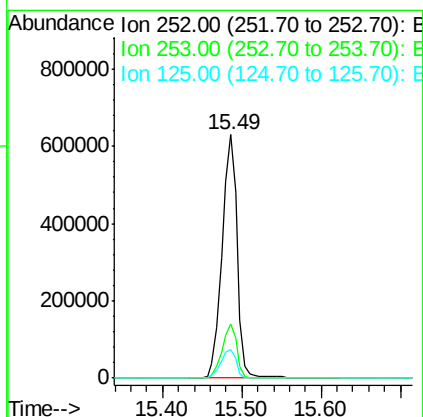
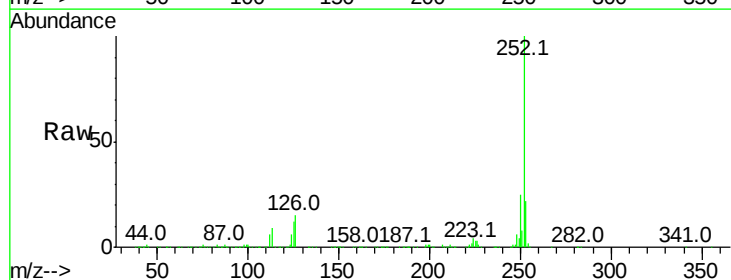
Instrument :
BNA_F
ClientSampleId :

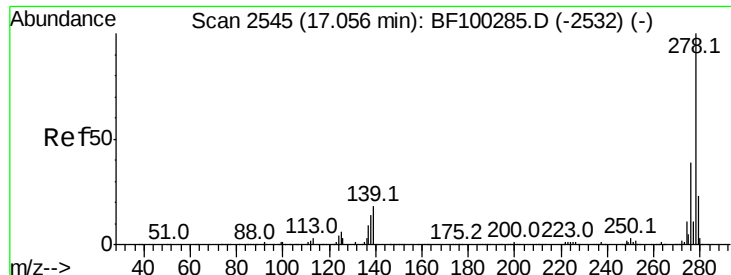
Tot Ion:252 Resp: 844775
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 10.5 10.2 15.2



#89
Benzo(a)pyrene
Concen: 45.403 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:252 Resp: 826367
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 11.7 9.8 14.6

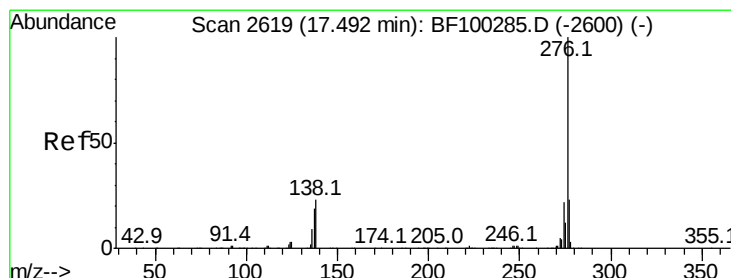
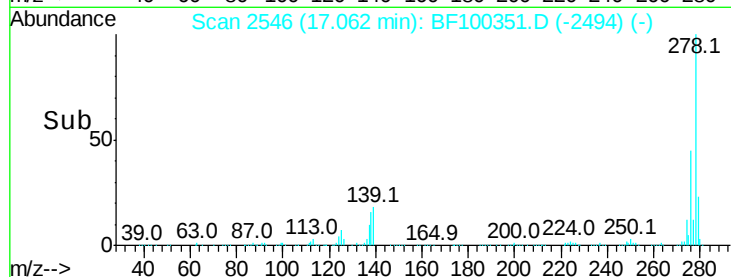
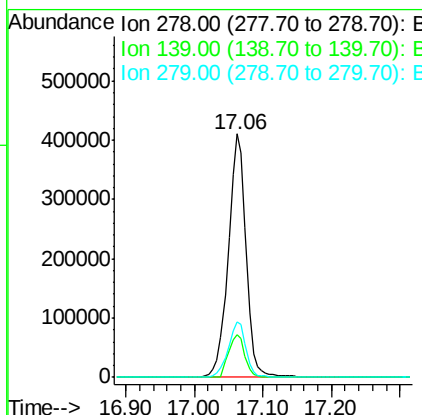
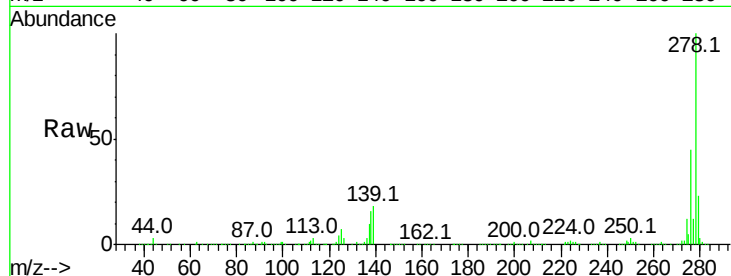




#90
Dibenzo(a,h)anthracene
Concen: 49.899 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 742743
Ion Ratio Lower Upper
278 100
139 17.8 15.9 23.9
279 22.9 19.0 28.4



#91
Benzo(g,h,i)perylene
Concen: 52.181 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.01 min
Lab File: BF100351.D
Acq: 9 Nov 2017 20:08

Tgt Ion:276 Resp: 760310
Ion Ratio Lower Upper
276 100
277 23.2 17.9 26.9
138 23.3 21.8 32.8

