

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100345.D
 Acq On : 9 Nov 2017 17:26
 Operator : SJ/JU
 Sample : PB103997BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 00:23:54 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	142574	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	576179	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	277537	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	530352	20.00	ng	0.00
75) Chrysene-d12	14.07	240	351231	20.00	ng	0.00
86) Perylene-d12	15.55	264	303199	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1053041	118.40	ng	0.02
7) Phenol-d6	6.53	99	1299660	118.50	ng	0.01
23) Nitrobenzene-d5	7.47	82	829129	95.14	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	351533	124.30	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1547137	84.88	ng	0.00
78) Terphenyl-d14	13.02	244	1396070	91.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	161409	37.239	ng	95
3) Pyridine	3.56	79	434932	36.779	ng	96
4) n-Nitrosodimethylamine	3.51	42	216565	37.719	ng	100
6) Aniline	6.57	93	327892	21.161	ng	99
8) 2-Chlorophenol	6.69	128	392526	41.717	ng	97
9) Benzaldehyde	6.46	77	137997	17.618	ng	94
10) Phenol	6.55	94	475002	41.255	ng	98
11) bis(2-Chloroethyl)ether	6.64	93	388373	40.158	ng	94
12) 1,3-Dichlorobenzene	6.85	146	439022	40.470	ng	98
13) 1,4-Dichlorobenzene	6.92	146	439581	40.036	ng	99
14) 1,2-Dichlorobenzene	7.07	146	412467	40.630	ng	97
15) Benzyl Alcohol	7.04	79	354165	41.375	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	716127	46.297	ng	97
17) 2-Methylphenol	7.15	107	342091	42.544	ng	97
18) Hexachloroethane	7.42	117	153005	42.265	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	281323	36.986	ng	96
20) 3+4-Methylphenols	7.30	107	410783	40.371	ng	# 80
22) Acetophenone	7.31	105	532286	37.885	ng	# 95
24) Nitrobenzene	7.49	77	425363	47.421	ng	98
25) Isophorone	7.72	82	795187	43.420	ng	98
26) 2-Nitrophenol	7.80	139	218604	51.533	ng	98
27) 2,4-Dimethylphenol	7.83	122	380090	46.297	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	495657	41.376	ng	100
29) 2,4-Dichlorophenol	8.04	162	350510	44.723	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	355540	41.938	ng	96
31) Naphthalene	8.21	128	1126404	40.588	ng	99
32) Benzoic acid	7.95	122	261438	42.838	ng	98
33) 4-Chloroaniline	8.25	127	123586	10.699	ng	98
34) Hexachlorobutadiene	8.32	225	205550	40.779	ng	99
35) Caprolactam	8.63	113	77558	28.836	ng	90
36) 4-Chloro-3-methylphenol	8.73	107	364173	43.264	ng	97
37) 2-Methylnaphthalene	8.90	142	777250	42.186	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	345006	37.482	ng	98
40) Hexachlorocyclopentadiene	9.05	237	432336	99.798	ng	99

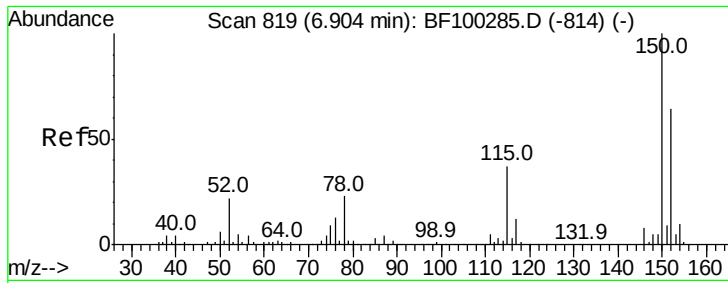
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110917\
 Data File : BF100345.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	258243	44.268	ng	97
43) 2,4,5-Trichlorophenol	9.22	196	262483	43.428	ng	# 91
45) 1,1'-Biphenyl	9.36	154	926990	38.618	ng	100
46) 2-Chloronaphthalene	9.39	162	718214	41.243	ng	97
47) 2-Nitroaniline	9.48	65	235720	45.937	ng	93
48) Acenaphthylene	9.80	152	1133864	39.289	ng	99
49) Dimethylphthalate	9.66	163	844831	39.869	ng	99
50) 2,6-Dinitrotoluene	9.72	165	190955	45.525	ng	98
51) Acenaphthene	9.97	154	753771	42.946	ng	100
52) 3-Nitroaniline	9.89	138	116226	23.465	ng	90
53) 2,4-Dinitrophenol	10.00	184	195490	96.570	ng	# 15
54) Dibenzofuran	10.15	168	987825	40.156	ng	98
55) 4-Nitrophenol	10.05	139	322676	80.231	ng	93
56) 2,4-Dinitrotoluene	10.13	165	258262	48.807	ng	# 91
57) Fluorene	10.49	166	727146	40.350	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	219460	44.303	ng	88
59) Diethylphthalate	10.36	149	832098	39.240	ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	361412	40.882	ng	94
61) 4-Nitroaniline	10.51	138	201764	42.960	ng	93
62) Azobenzene	10.64	77	805032	40.307	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	123827	46.556	ng	81
65) n-Nitrosodiphenylamine	10.60	169	714901	38.767	ng	96
66) 4-Bromophenyl-phenylether	10.97	248	239593	42.143	ng	# 83
67) Hexachlorobenzene	11.04	284	246933	41.528	ng	# 87
68) Atrazine	11.13	200	233750	41.875	ng	97
69) Pentachlorophenol	11.23	266	289287	67.848	ng	96
70) Phenanthrene	11.46	178	1114888	39.926	ng	99
71) Anthracene	11.50	178	1166064	41.160	ng	99
72) Carbazole	11.66	167	1018925	38.979	ng	100
73) Di-n-butylphthalate	11.99	149	1293940	42.299	ng	100
74) Fluoranthene	12.64	202	1152573	38.946	ng	98
76) Benzidine	12.76	184	205975	14.643	ng	98
77) Pyrene	12.87	202	1175875	46.965	ng	99
79) Butylbenzylphthalate	13.49	149	465546	45.595	ng	94
80) Benzo(a)anthracene	14.06	228	880869	41.647	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	196344	25.909	ng	99
82) Chrysene	14.10	228	840221	41.023	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	630462	46.947	ng	100
84) Di-n-octyl phthalate	14.66	149	955544	41.419	ng	98
85) Indeno(1,2,3-cd)pyrene	17.04	276	852253	51.444	ng	96
87) Benzo(b)fluoranthene	15.12	252	714611	39.783	ng	99
88) Benzo(k)fluoranthene	15.14	252	690054	40.657	ng	98
89) Benzo(a)pyrene	15.49	252	676085	42.455	ng	99
90) Dibenzo(a,h)anthracene	17.07	278	694385	53.318	ng	98
91) Benzo(g,h,i)perylene	17.50	276	731332	57.366	ng	96

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

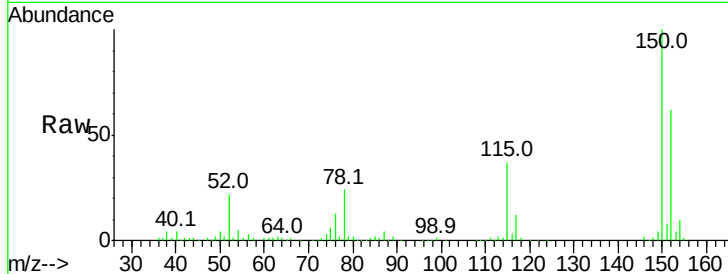


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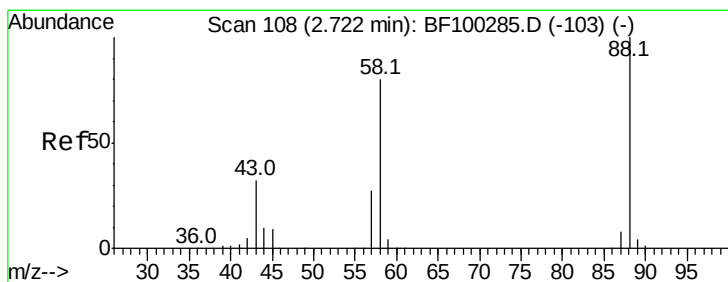
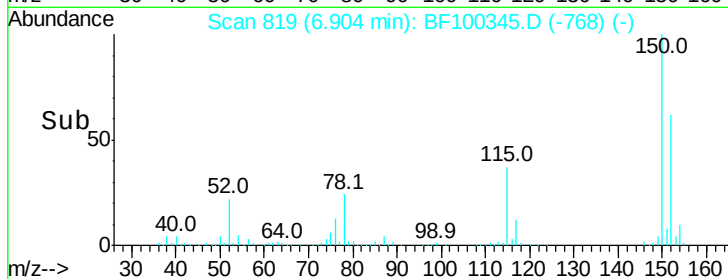
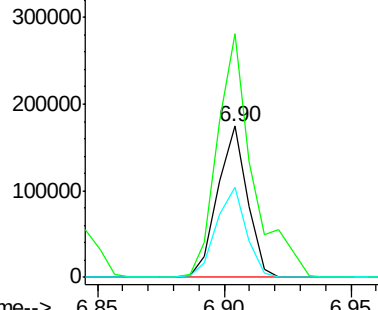
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 142574
Ion Ratio Lower Upper
152 100
150 160.9 124.6 186.8
115 59.4 50.1 75.1



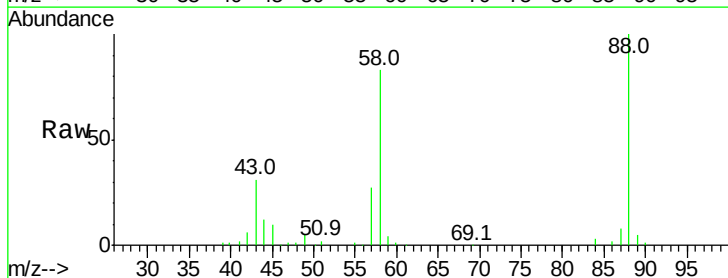
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



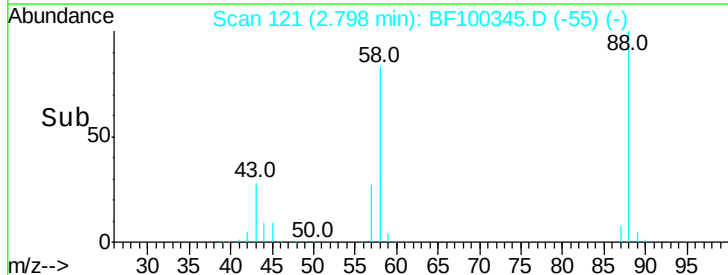
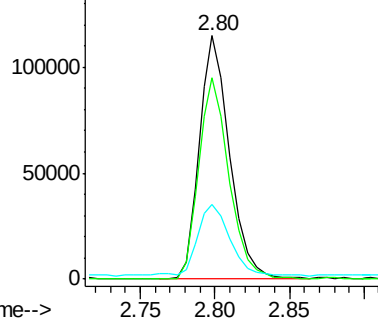
#2

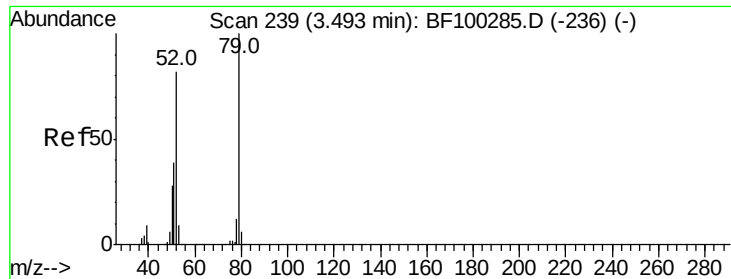
1,4-Dioxane
Concen: 37.239 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.09 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion: 88 Resp: 161409
Ion Ratio Lower Upper
88 100
58 83.9 62.6 93.8
43 32.1 24.6 37.0



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





#3

Pvridine

Concen: 36.779 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.08 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

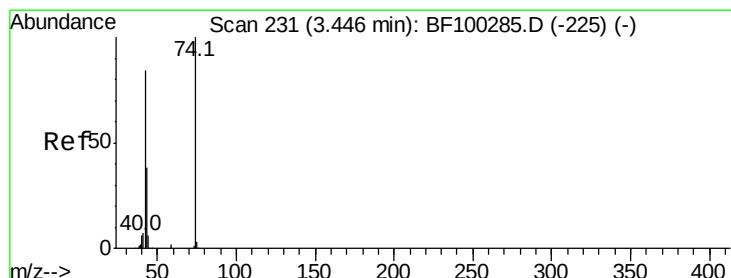
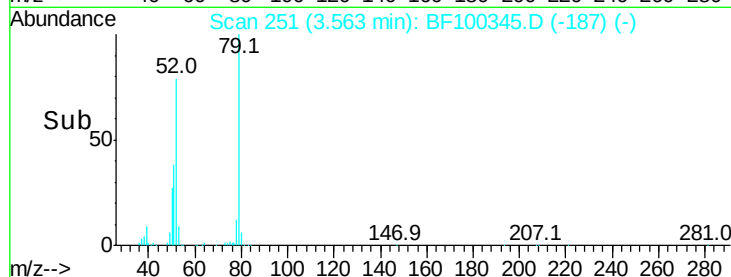
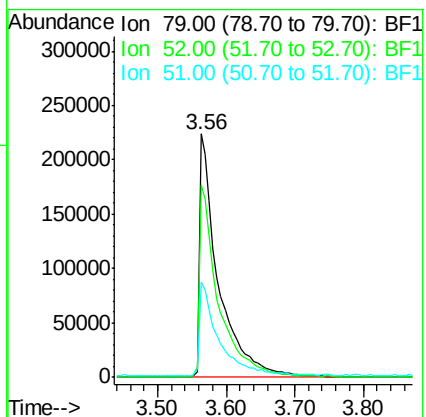
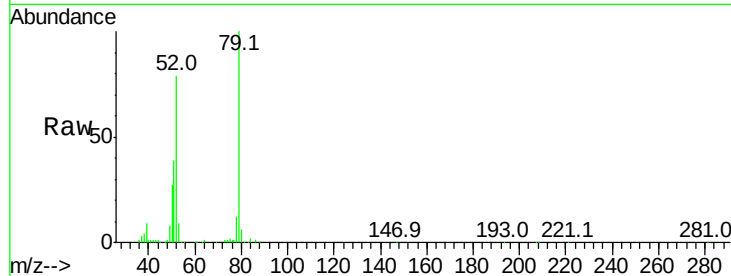
Tot Ion: 79 Resp: 434932

Ion Ratio Lower Upper

79 100

52 78.9 59.8 89.6

51 38.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.719 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.06 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

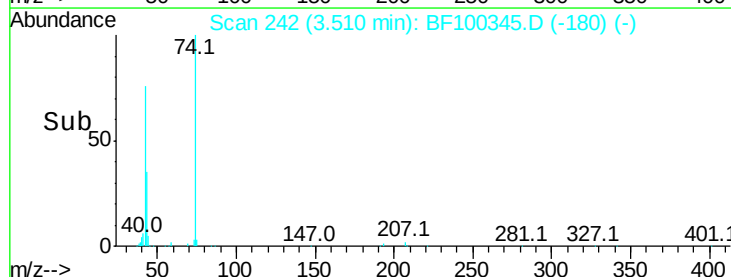
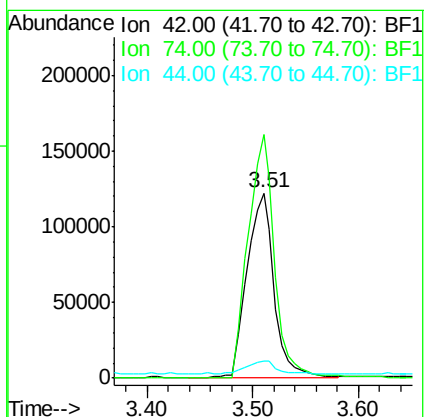
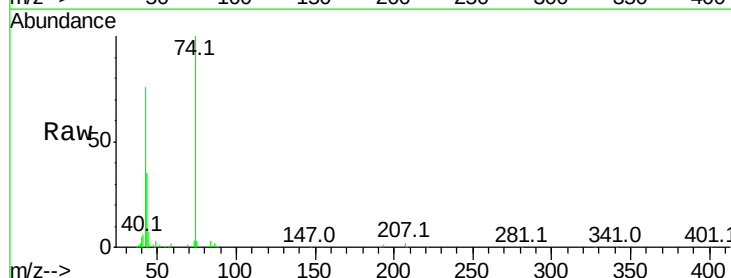
Tgt Ion: 42 Resp: 216565

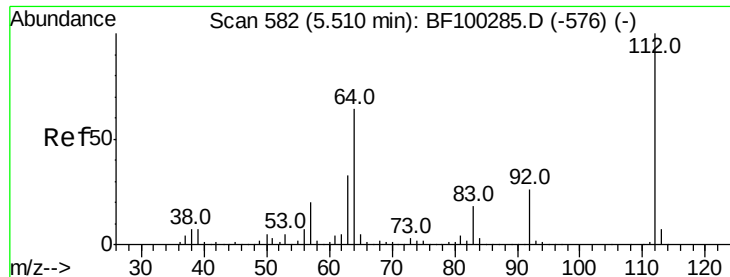
Ion Ratio Lower Upper

42 100

74 131.4 104.9 157.3

44 9.0 6.9 10.3





#5

2-Fluorophenol

Concen: 118.395 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :

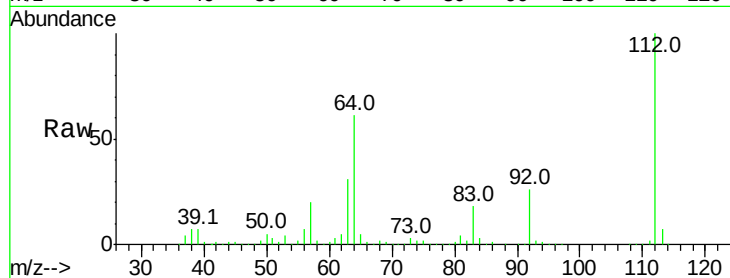
Tot Ion:112 Resp: 1053041

Ion Ratio Lower Upper

112 100

64 61.1 47.9 71.9

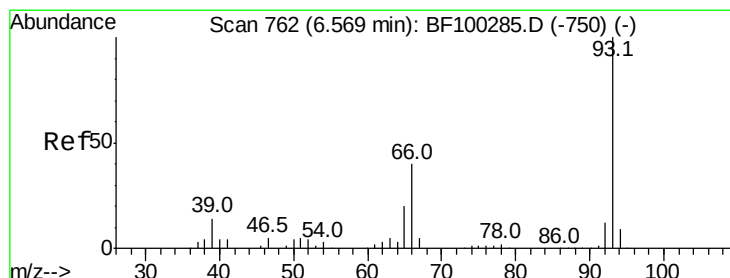
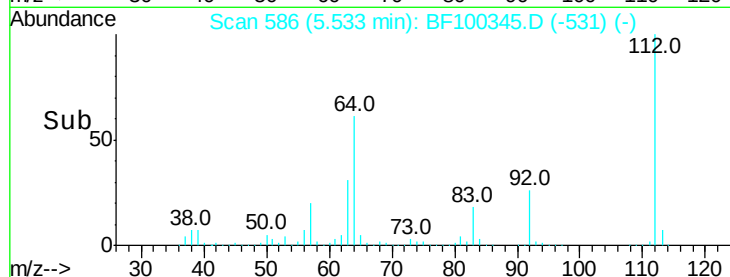
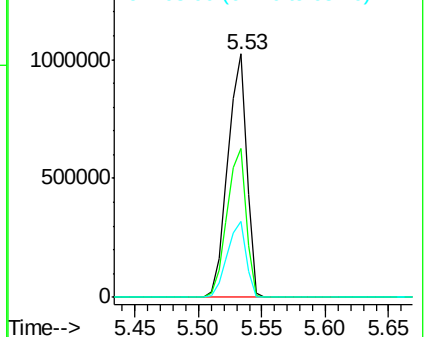
63 31.4 23.7 35.5



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: 21.161 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

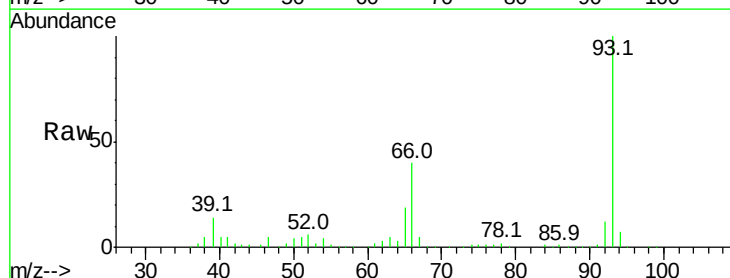
Tgt Ion: 93 Resp: 327892

Ion Ratio Lower Upper

93 100

66 40.1 32.2 48.2

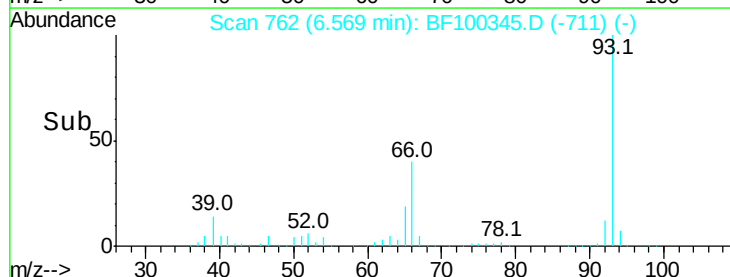
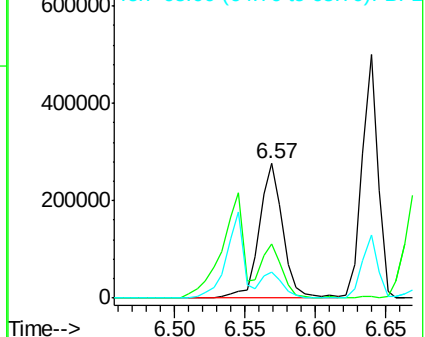
65 19.2 16.4 24.6

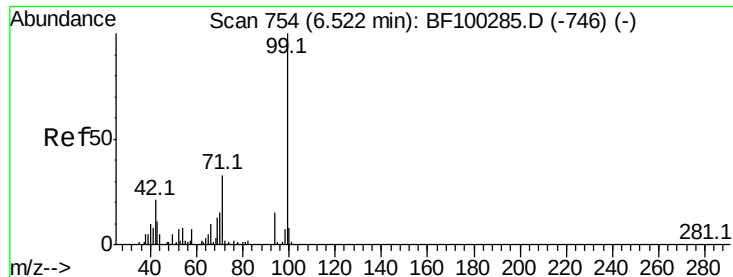


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.498 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

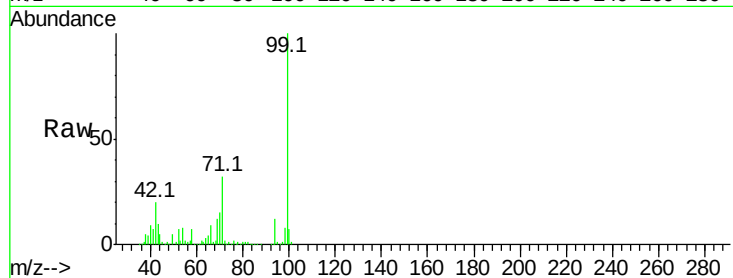
Tot Ion: 99 Resp: 1299660

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

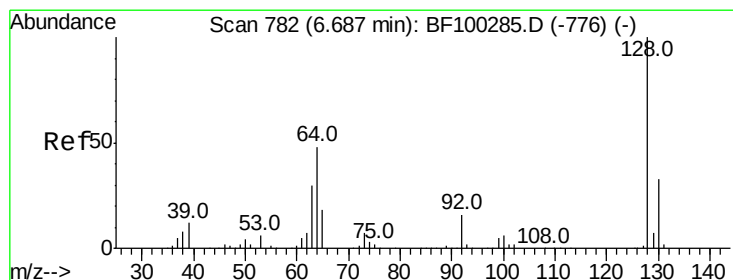
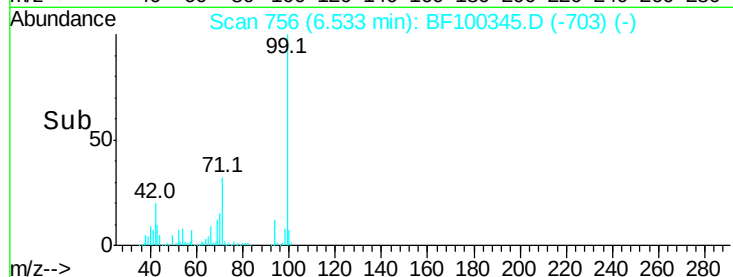
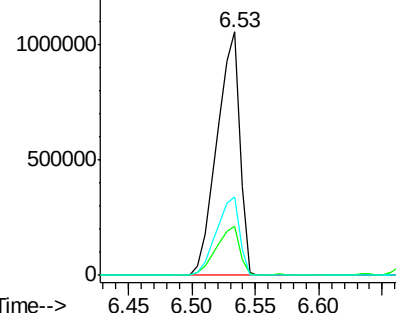
71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.717 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

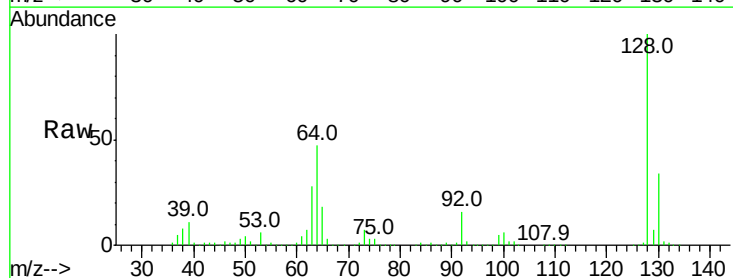
Tgt Ion: 128 Resp: 392526

Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

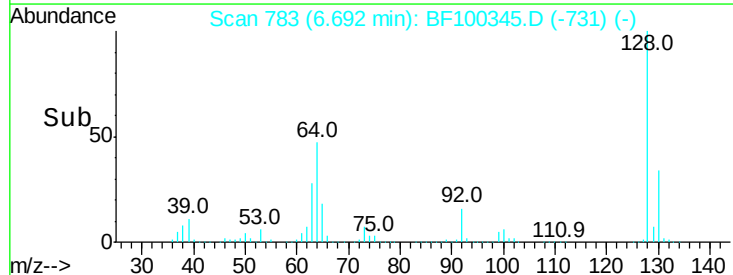
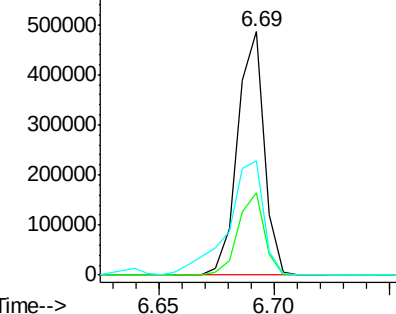
64 47.0 29.4 69.4

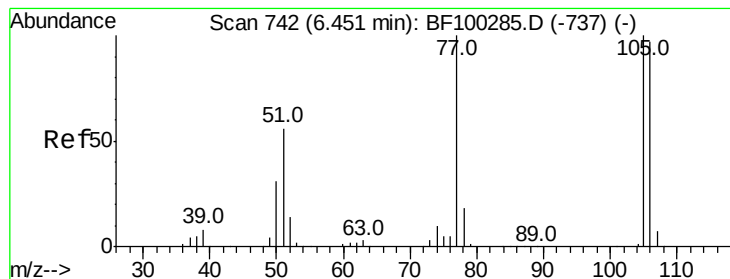


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.618 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

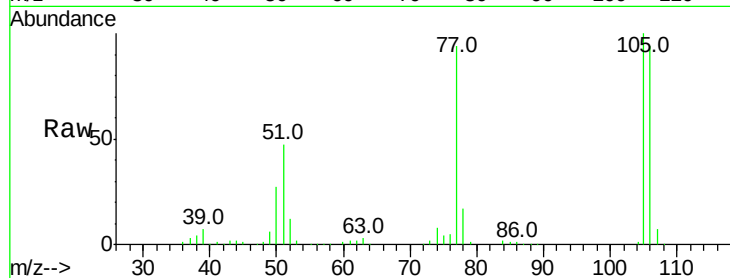
Tot Ion: 77 Resp: 137997

Ion Ratio Lower Upper

77 100

105 106.3 81.1 121.1

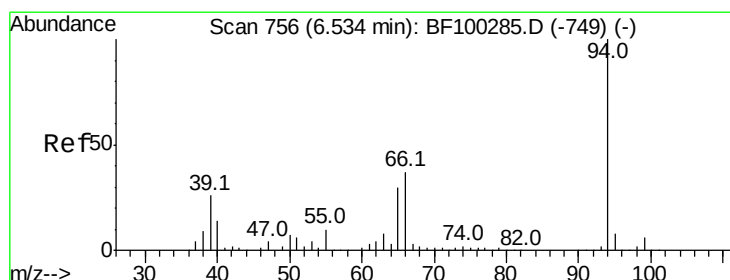
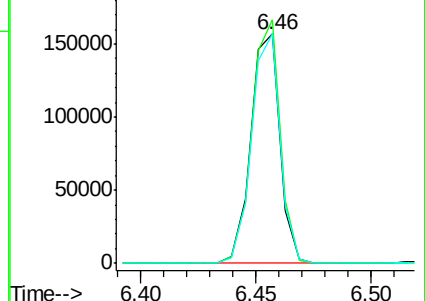
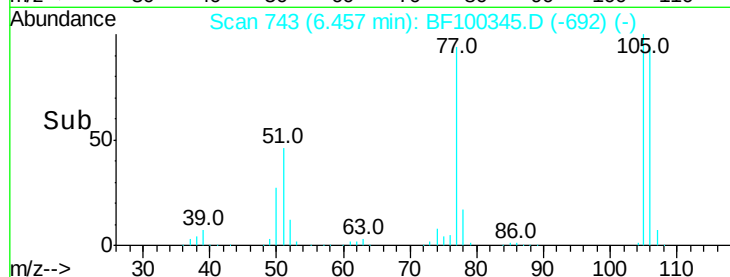
106 100.4 74.5 114.5



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: 41.255 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

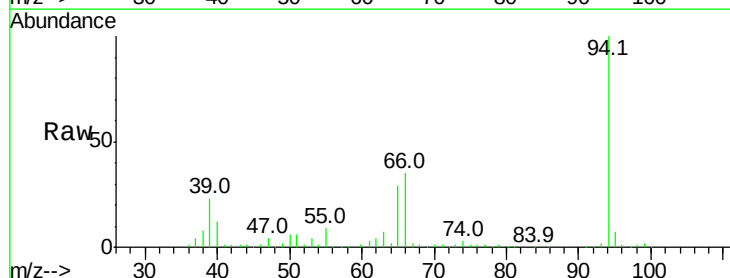
Tgt Ion: 94 Resp: 475002

Ion Ratio Lower Upper

94 100

65 28.6 7.9 47.9

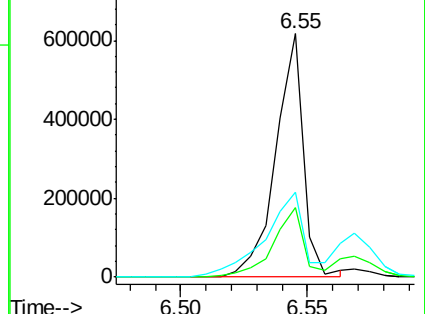
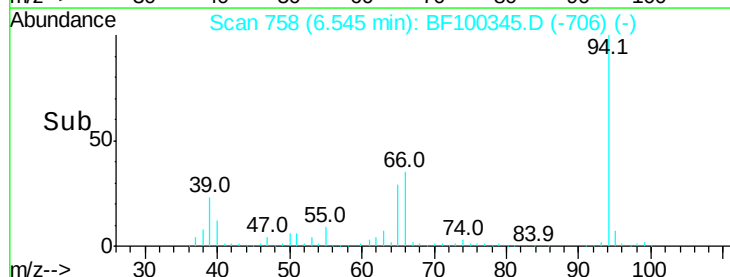
66 35.0 16.2 56.2

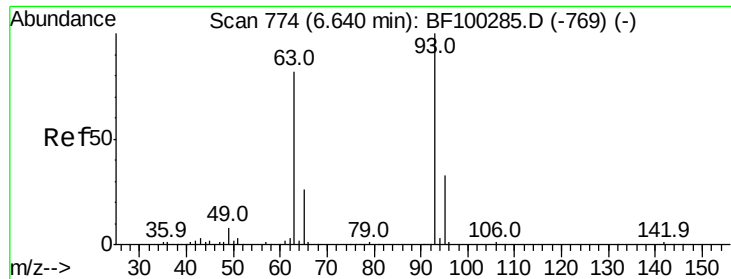


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

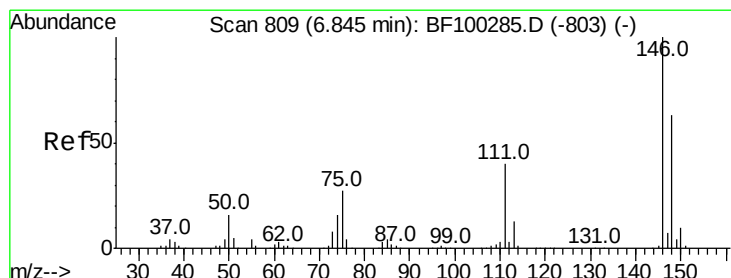
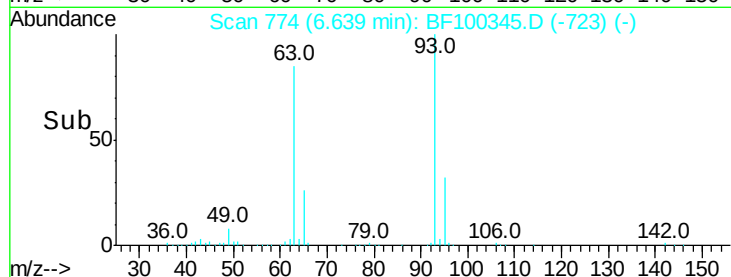
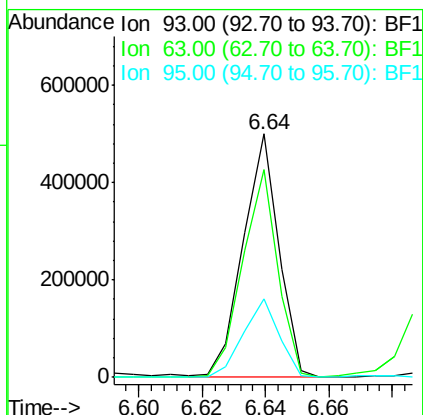
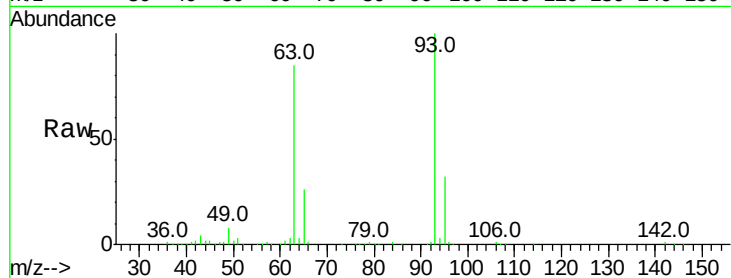




#11
bis(2-Chloroethyl)ether
Concen: 40.158 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

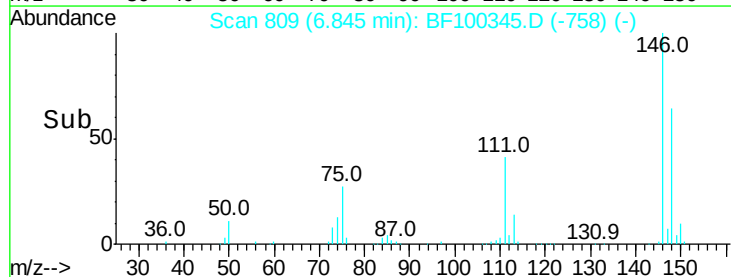
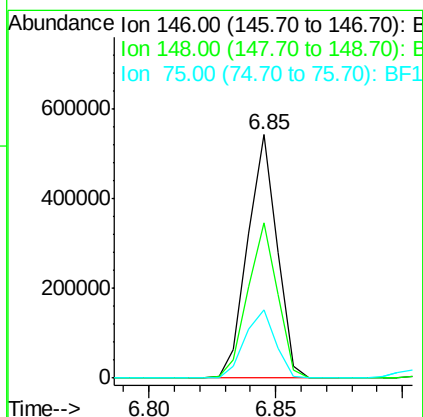
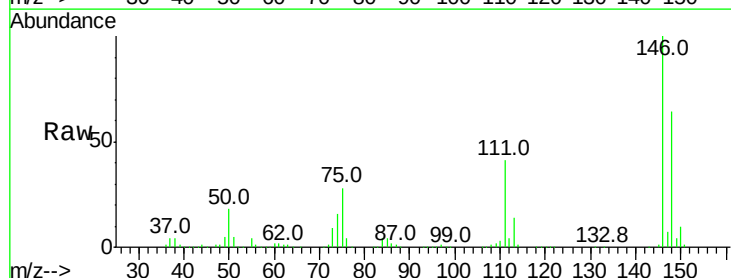
Instrument :
BNA_F
ClientSampleId :

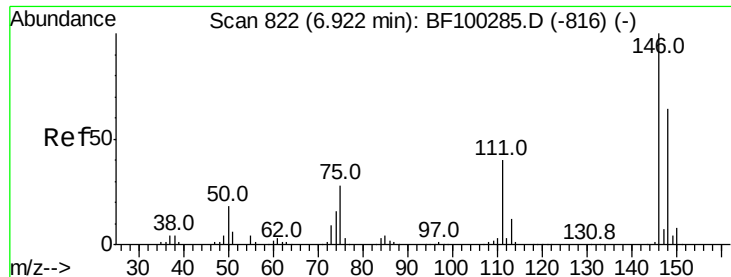
Tot Ion: 93 Resp: 388373
Ion Ratio Lower Upper
93 100
63 85.3 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 40.470 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion: 146 Resp: 439022
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 28.1 24.2 36.4

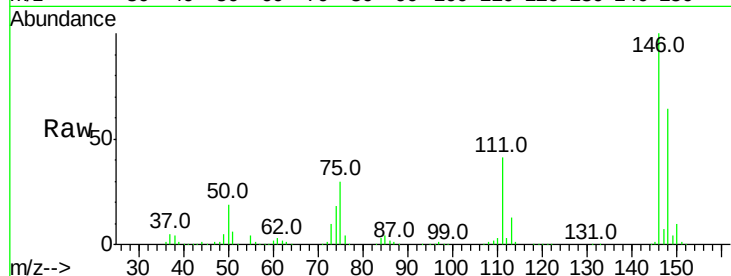




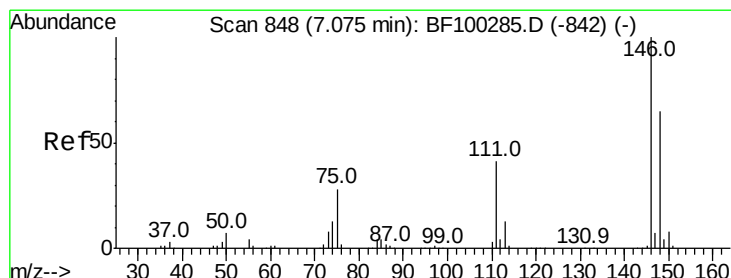
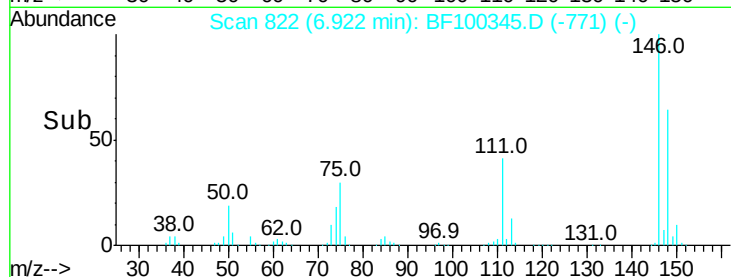
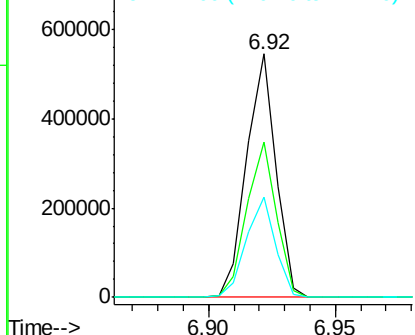
#13
 1,4-Dichlorobenzene
 Concen: 40.036 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 439581
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 41.4 34.2 51.2

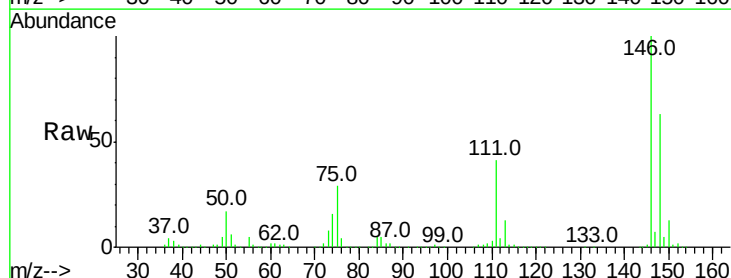


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

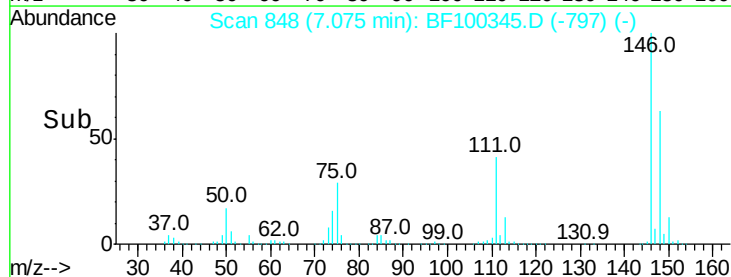
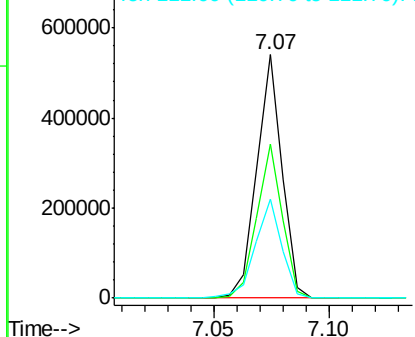


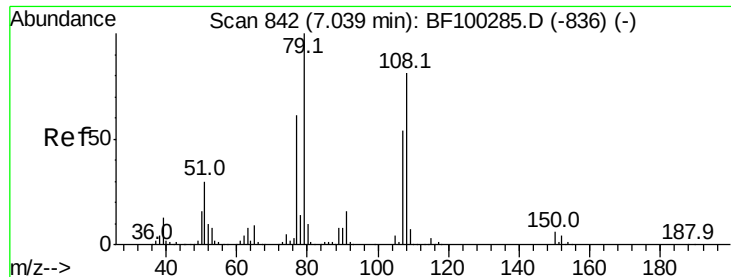
#14
 1,2-Dichlorobenzene
 Concen: 40.630 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion:146 Resp: 412467
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 40.7 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: 41.375 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

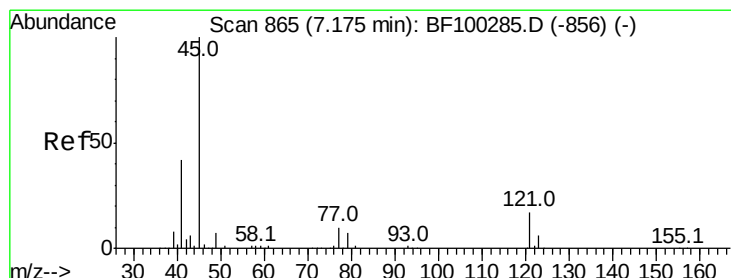
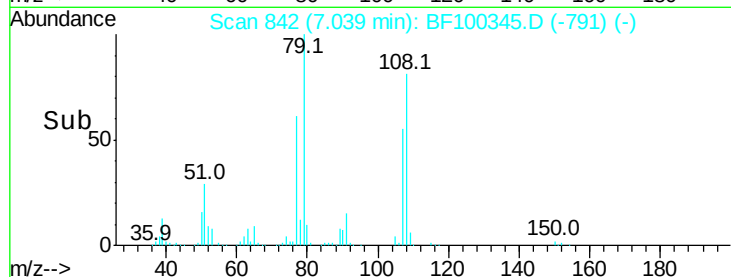
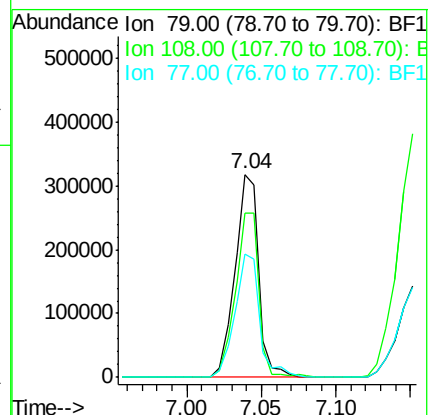
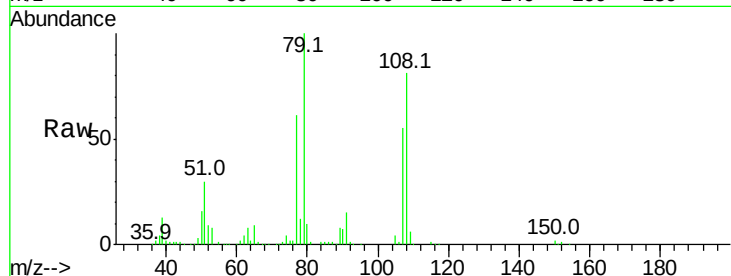
Tot Ion: 79 Resp: 354165

Ion Ratio Lower Upper

79 100

108 80.8 65.1 97.7

77 61.0 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.297 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

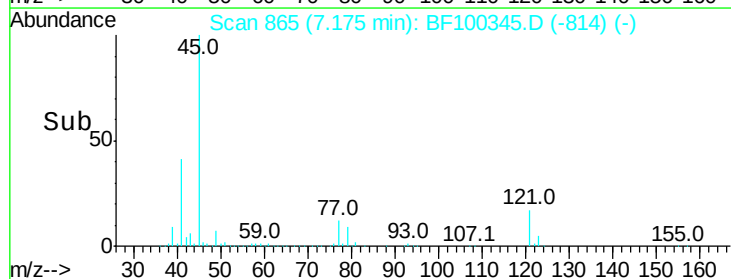
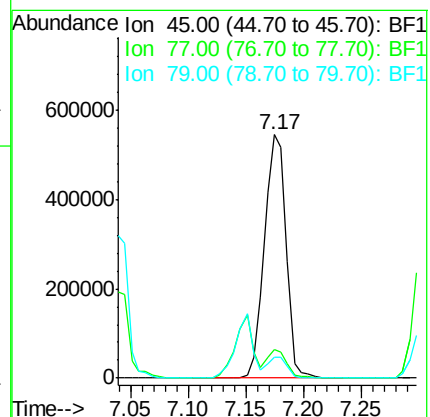
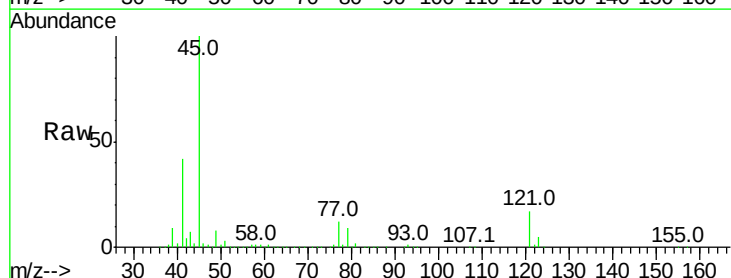
Tgt Ion: 45 Resp: 716127

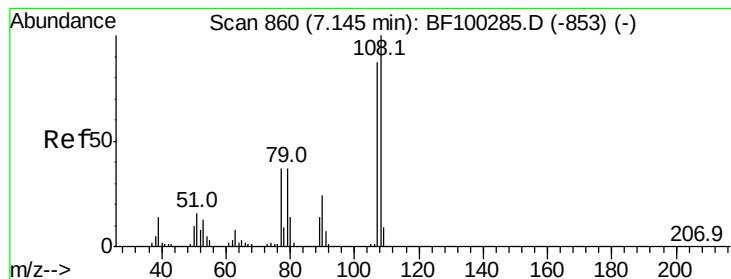
Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.9

79 8.7 0.0 29.6

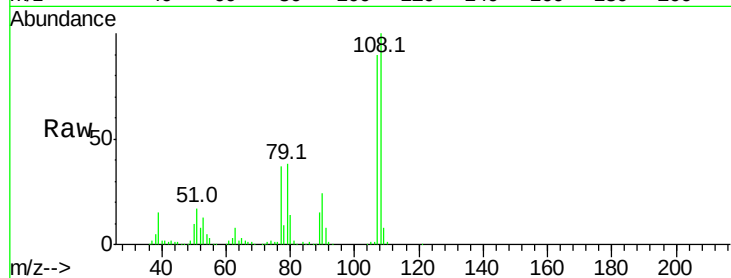




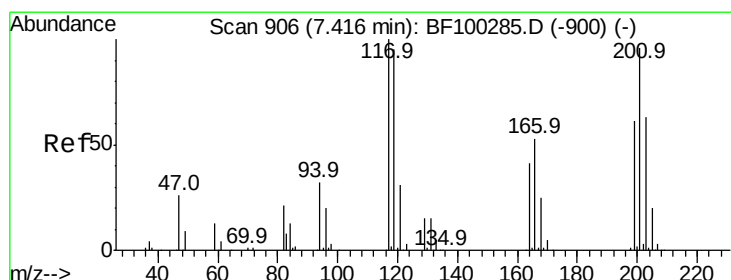
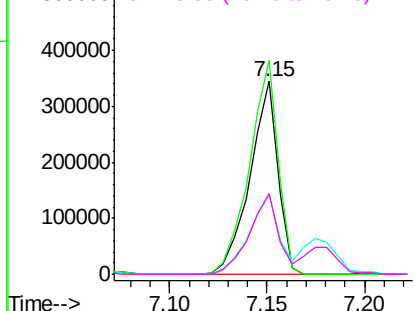
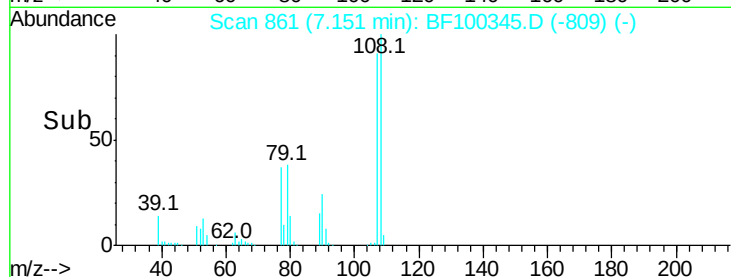
#17
2-Methylphenol
Concen: 42.544 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	91.7	137.5
77	41.0	33.8	50.8
79	41.5	33.8	50.8

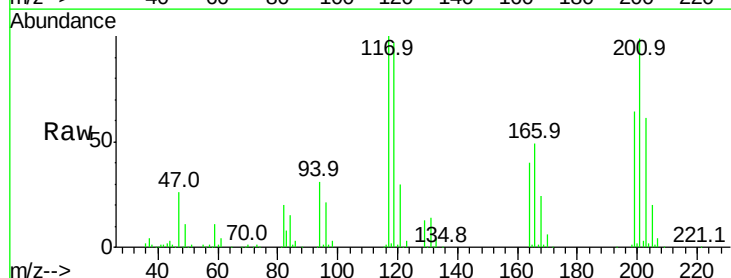


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

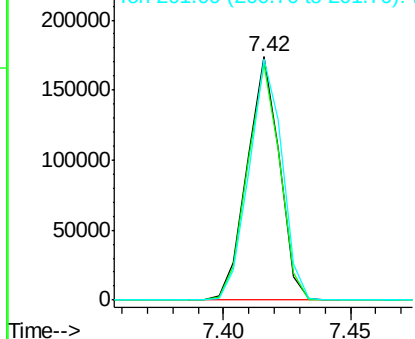
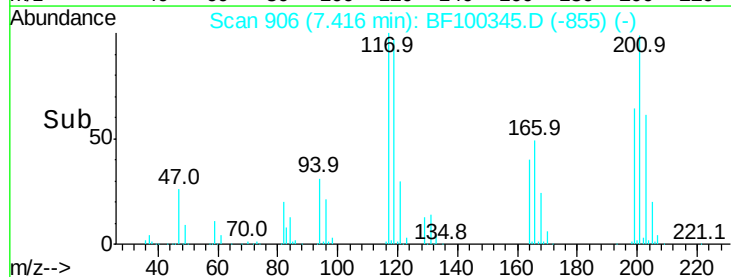


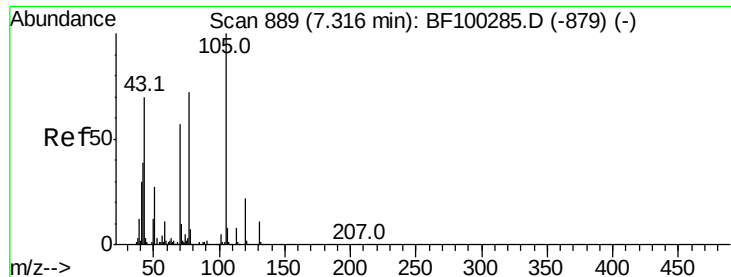
#18
Hexachloroethane
Concen: 42.265 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	99.0	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

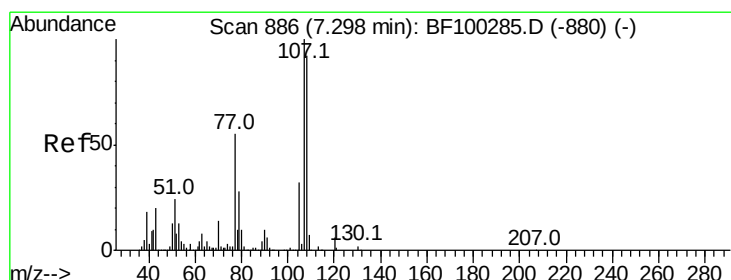
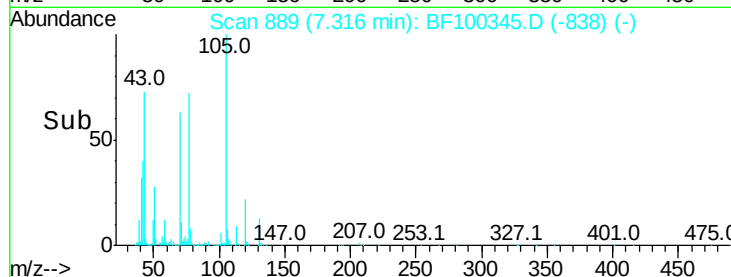
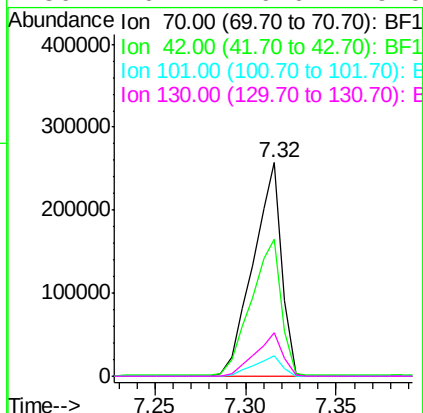
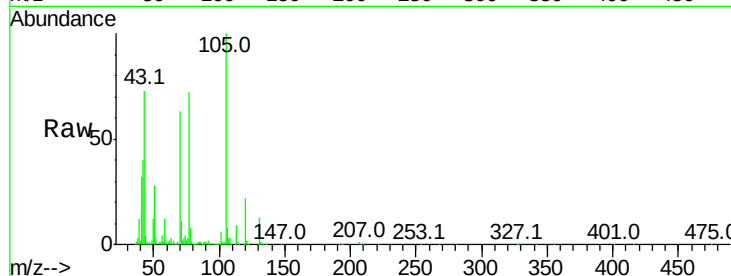




#19
n-Nitroso-di-n-propylamine
Concen: 36.986 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

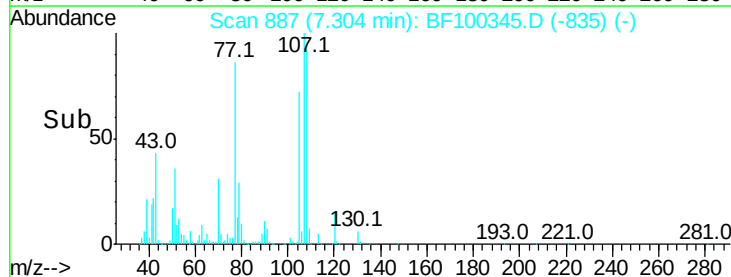
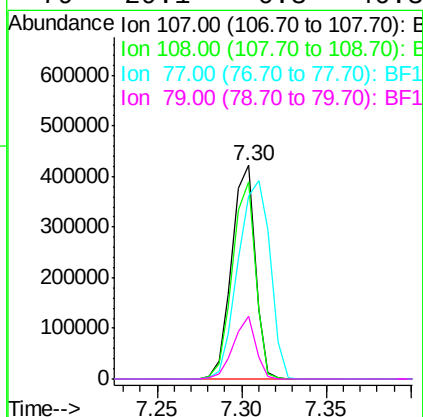
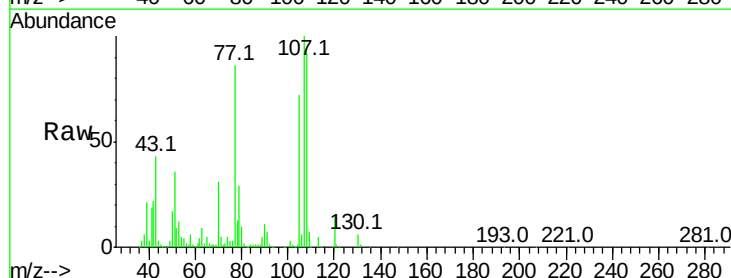
Instrument :
BNA_F
ClientSampleId :

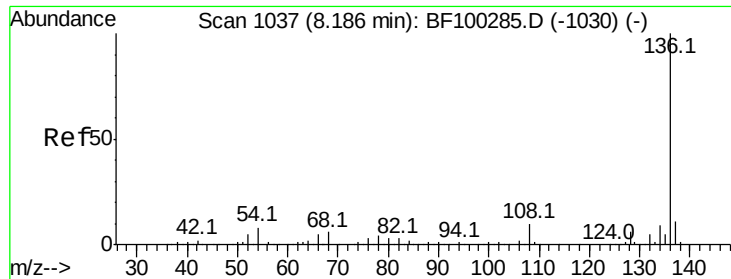
Tot Ion: 70 Resp: 281323
Ion Ratio Lower Upper
70 100
42 64.1 47.5 71.3
101 9.6 7.4 11.2
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.371 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion: 107 Resp: 410783
Ion Ratio Lower Upper
107 100
108 92.0 68.2 108.2
77 85.5 26.7 66.7#
79 29.1 6.3 46.3

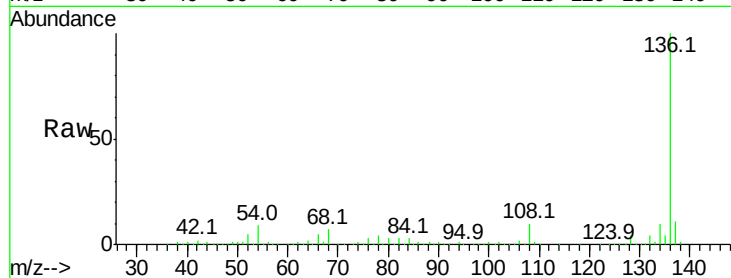




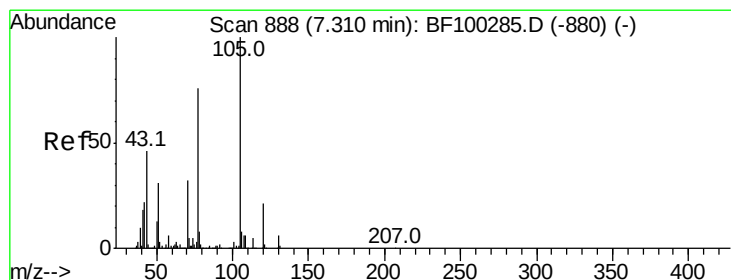
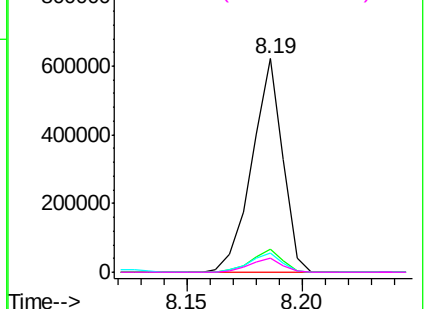
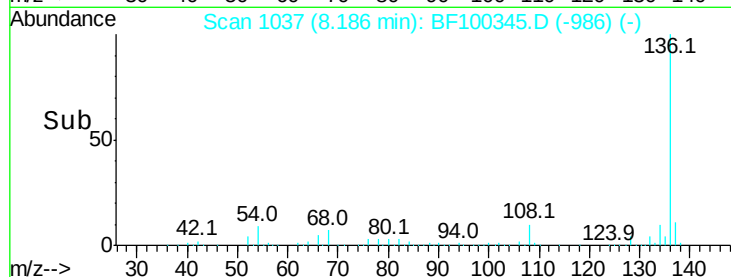
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	576179
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.2	6.6 9.8
68	6.7	5.0 7.4

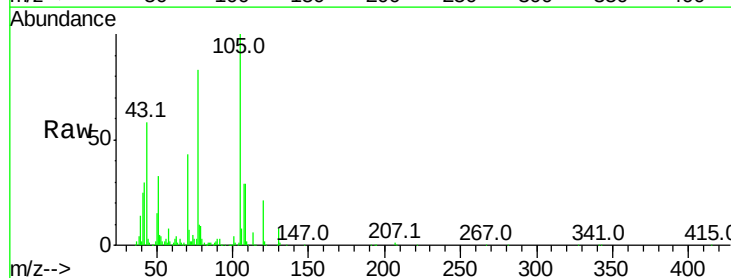


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

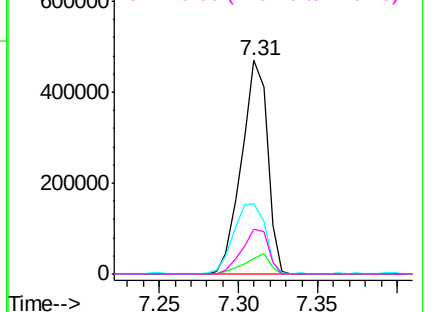
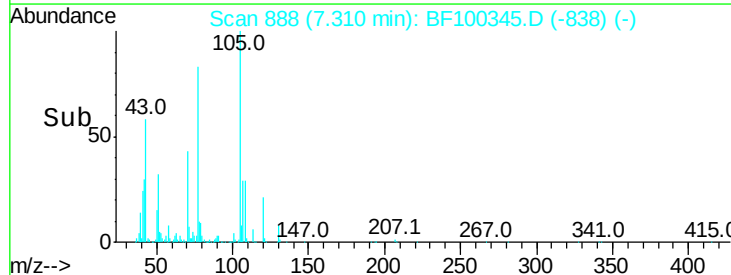


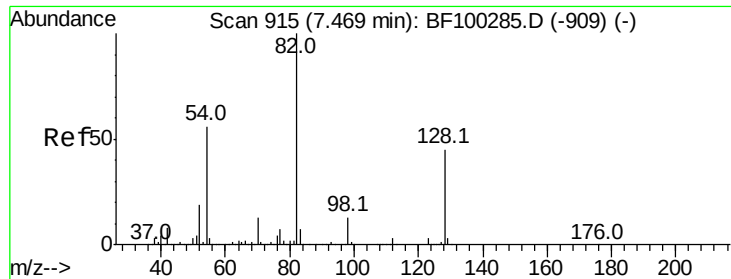
#22
Acetophenone
Concen: 37.885 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion:105	Resp:	532286
Ion Ratio	Lower	Upper
105	100	
71	7.1	4.4 6.6#
51	32.8	22.3 33.5
120	21.1	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

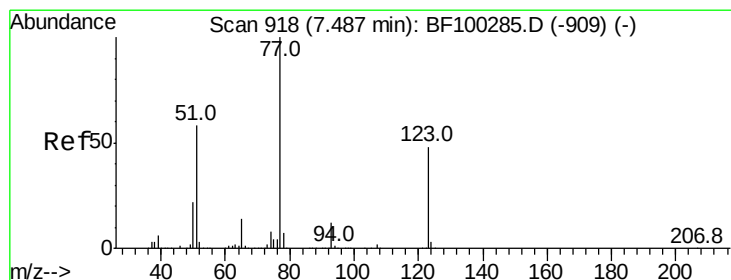
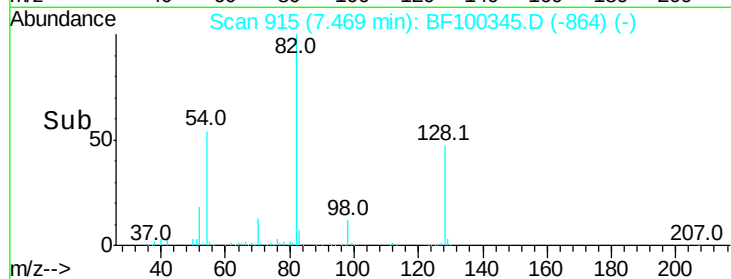
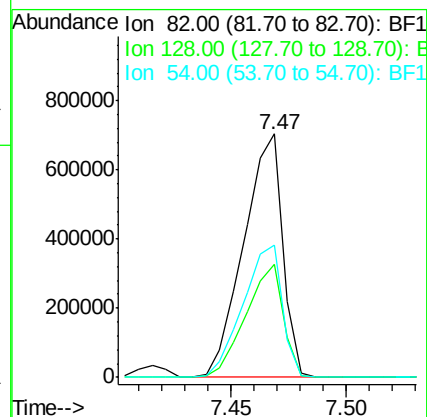
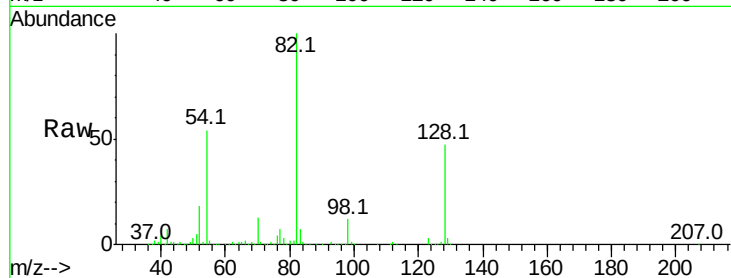




#23
 Nitrobenzene-d5
 Concen: 95.138 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

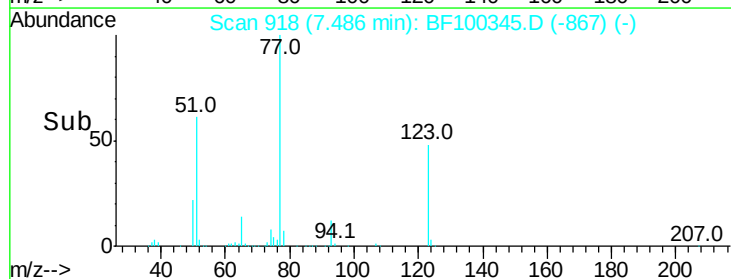
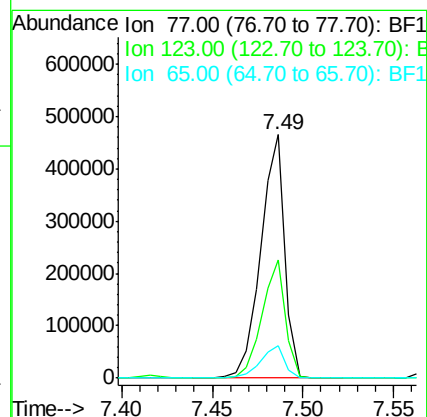
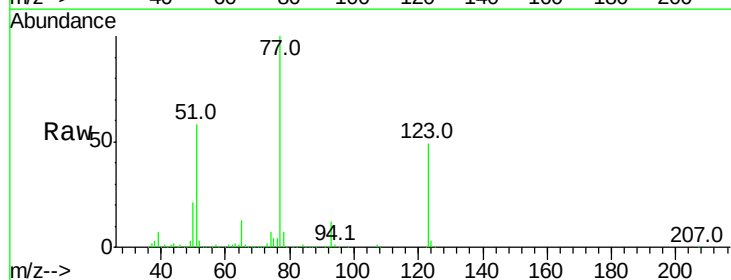
Instrument :
 BNA_F
 ClientSampled :

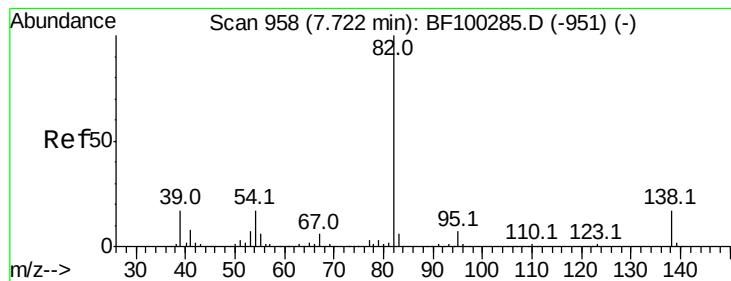
Tot Ion: 82 Resp: 829129
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 54.1 41.4 62.2



#24
 Nitrobenzene
 Concen: 47.421 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion: 77 Resp: 425363
 Ion Ratio Lower Upper
 77 100
 123 48.6 37.9 56.9
 65 13.4 11.0 16.4





#25

Isophorone

Concen: 43.420 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

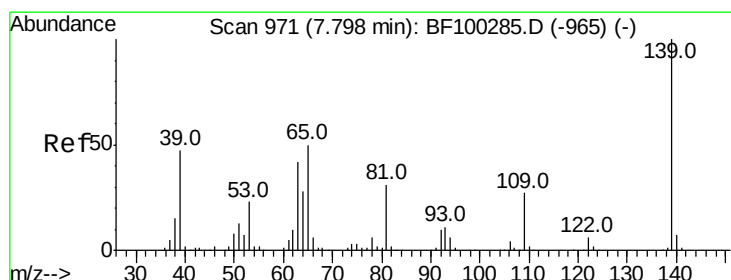
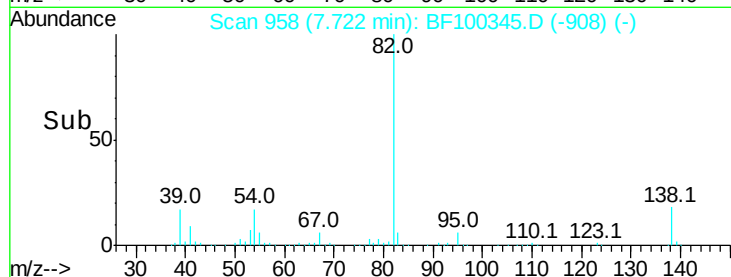
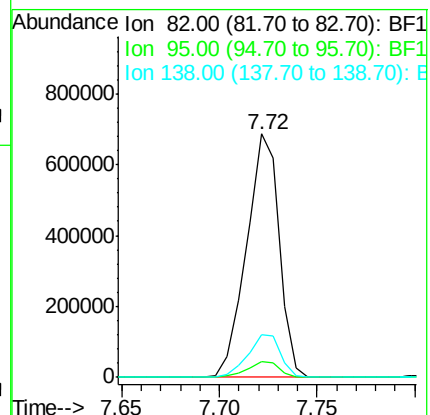
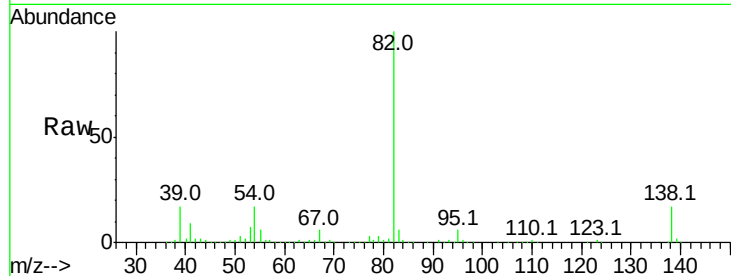
Tot Ion: 82 Resp: 795187

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 17.5 14.9 22.3



#26

2-Nitrophenol

Concen: 51.533 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

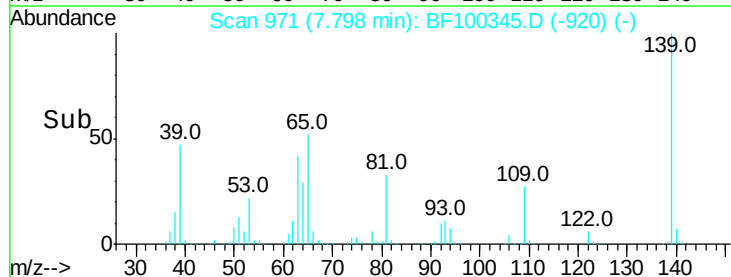
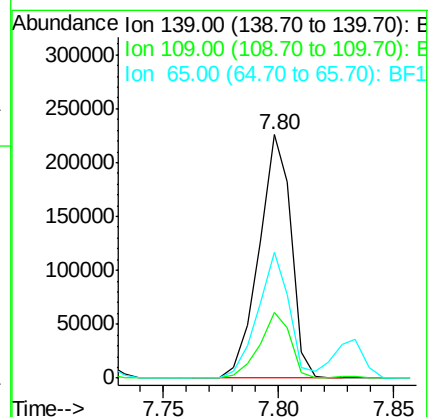
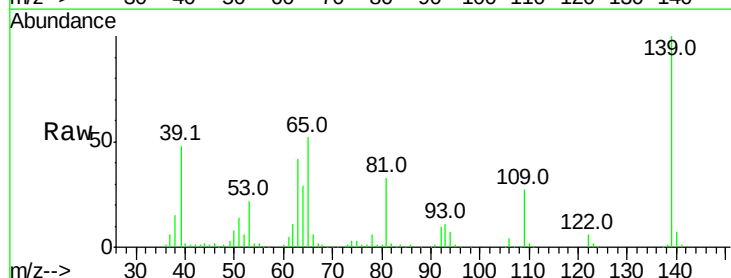
Tgt Ion: 139 Resp: 218604

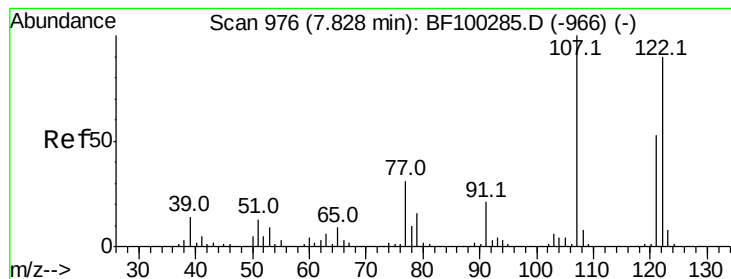
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 51.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 46.297 ng

RT: 7.83 min Scan# 977

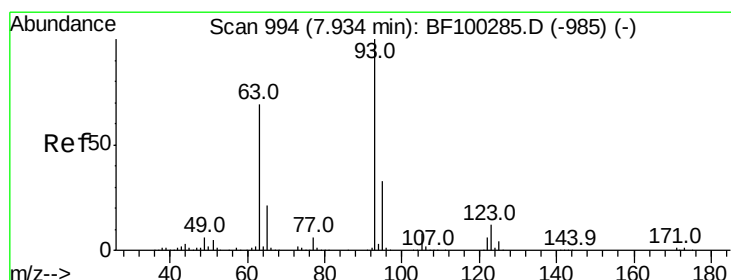
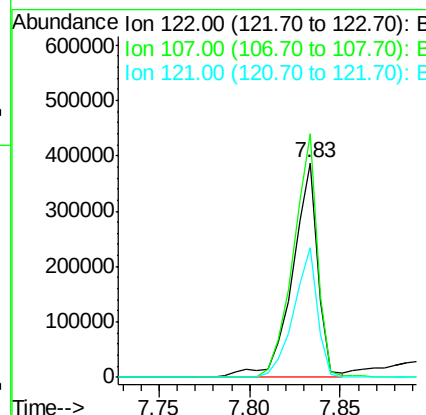
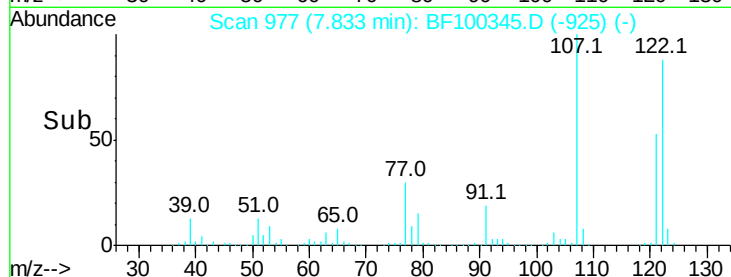
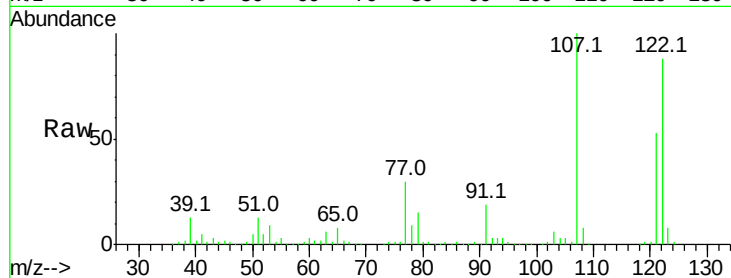
Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:	122	Resp:	380090
Ion	Ratio	Lower	Upper
122	100		
107	113.5	91.2	136.8
121	60.3	47.2	70.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.376 ng

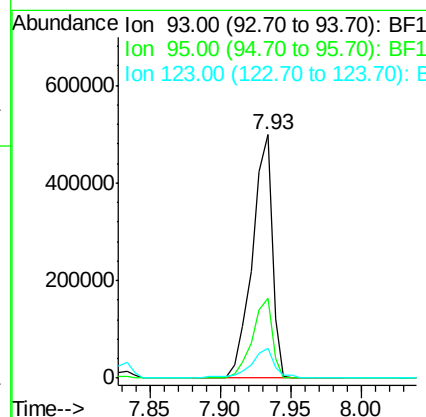
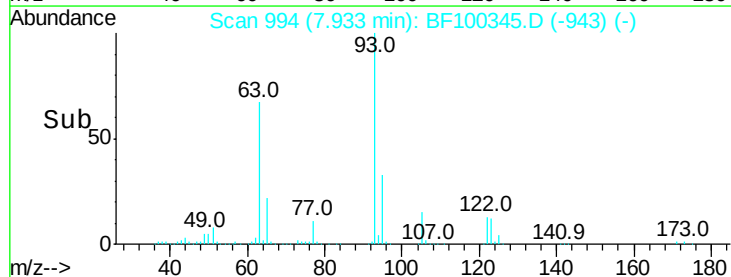
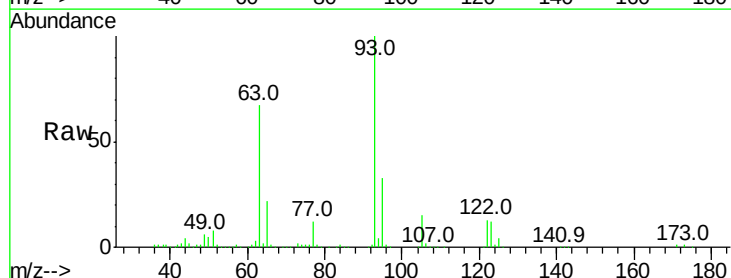
RT: 7.93 min Scan# 994

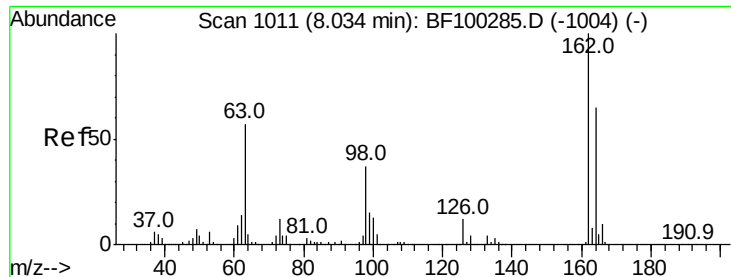
Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tgt Ion:	93	Resp:	495657
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	12.0	9.8	14.6

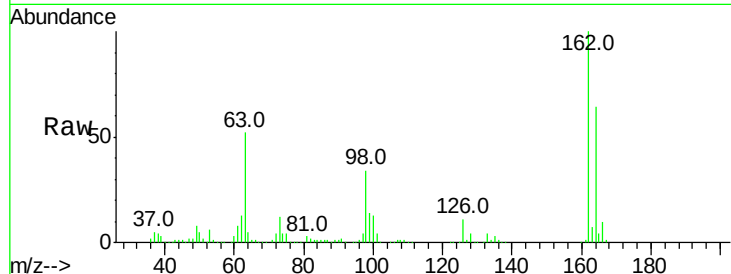




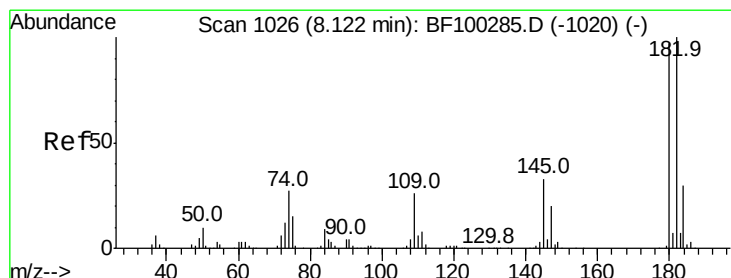
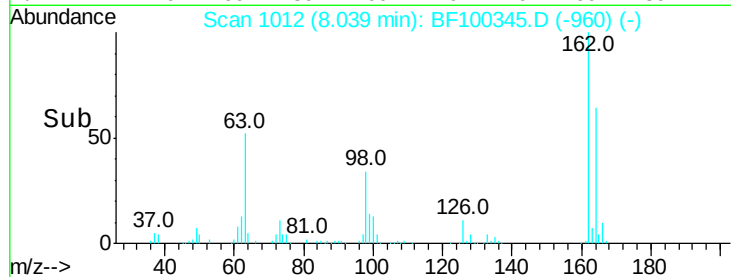
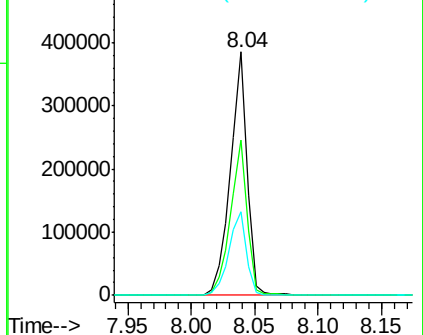
#29
 2,4-Dichlorophenol
 Concen: 44.723 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.7	82.7
98	34.1	18.1	58.1

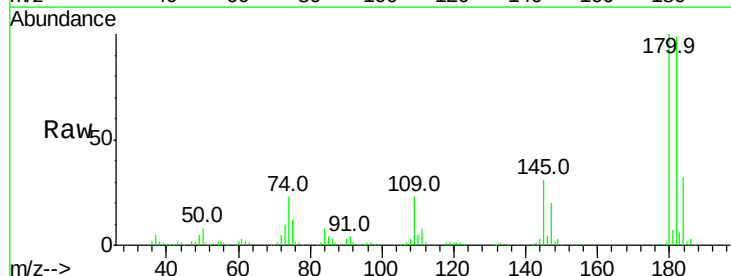


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

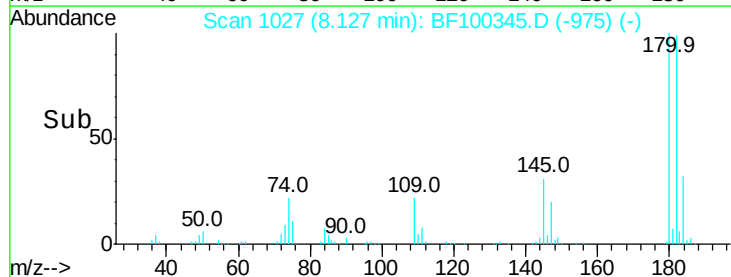
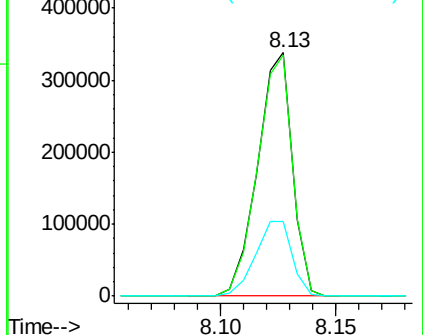


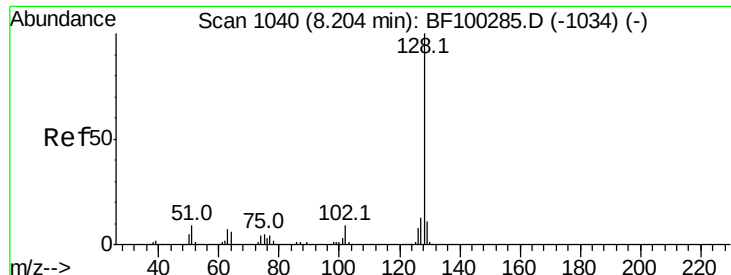
#30
 1,2,4-Trichlorobenzene
 Concen: 41.938 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.2	76.8	115.2
145	30.7	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

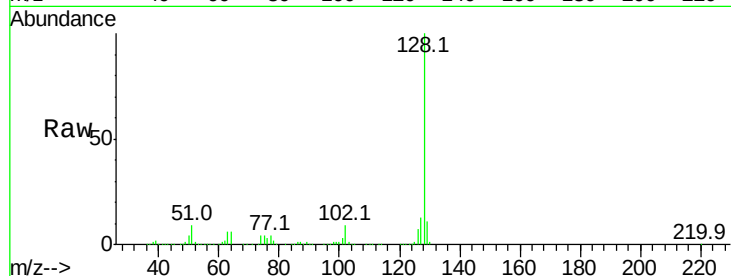




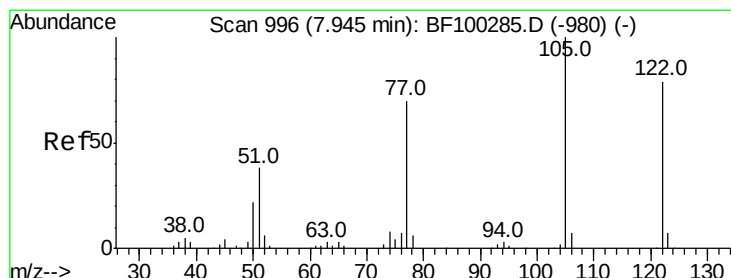
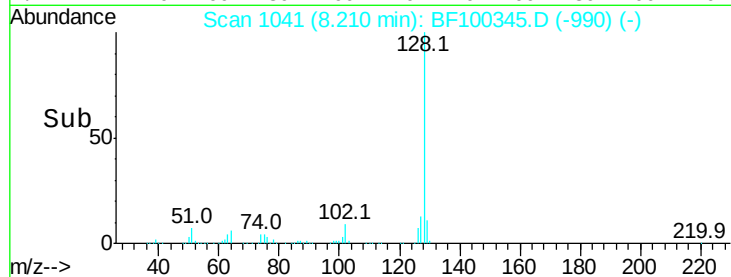
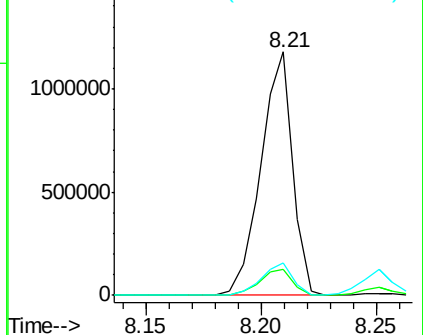
#31
Naphthalene
Concen: 40.588 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1126404
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.9 16.3

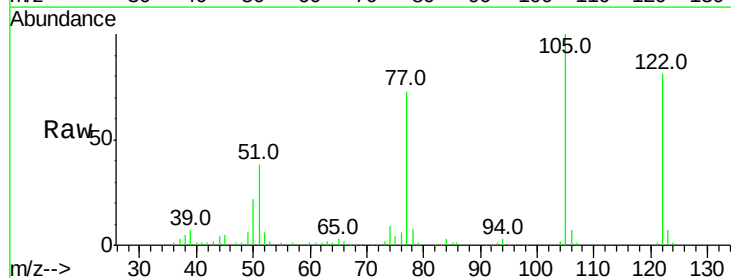


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

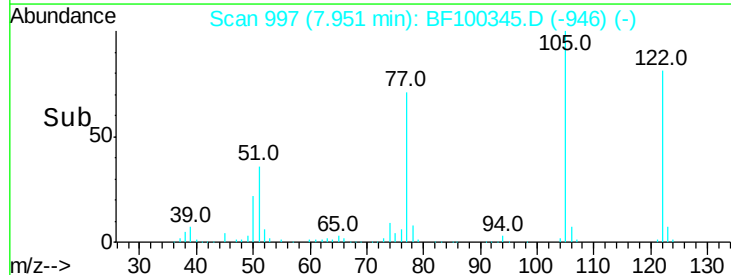
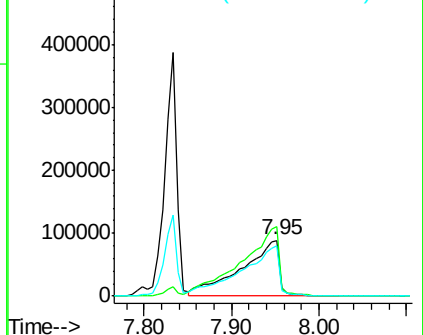


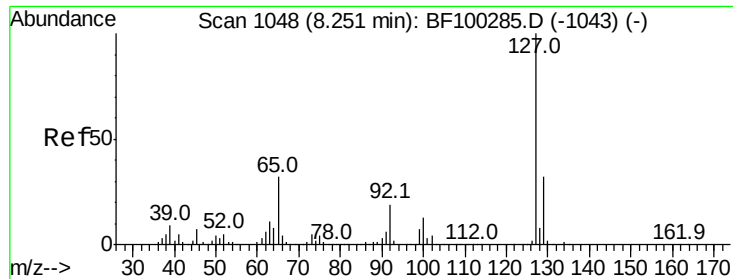
#32
Benzoic acid
Concen: 42.838 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion:122 Resp: 261438
Ion Ratio Lower Upper
122 100
105 124.1 101.1 141.1
77 90.6 70.7 110.7



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

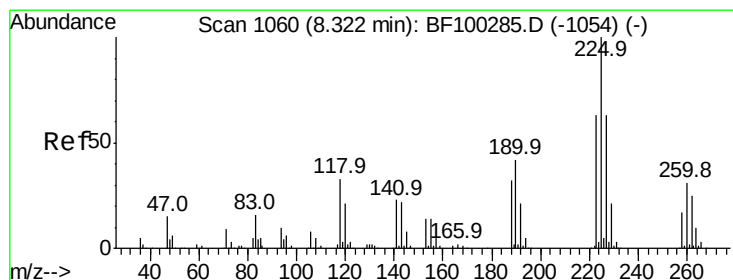
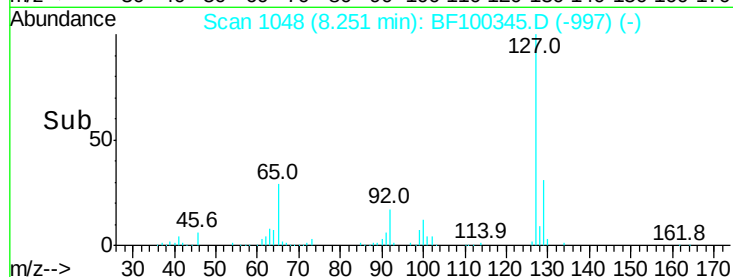
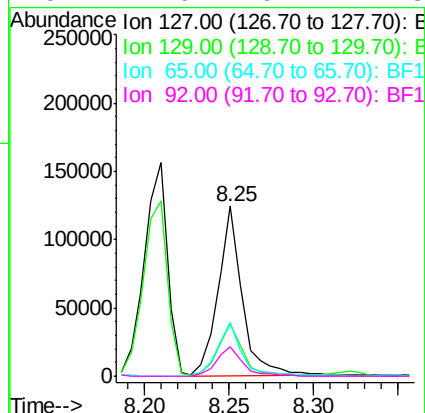
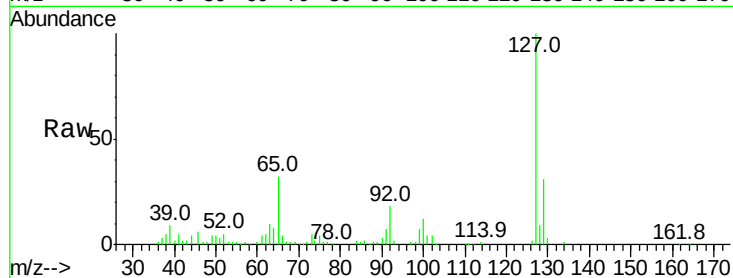




#33
4-Chloroaniline
Concen: 10.699 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

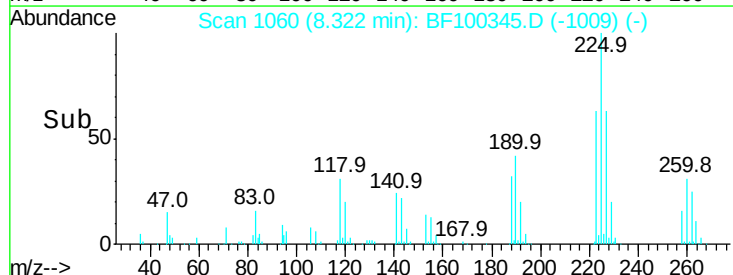
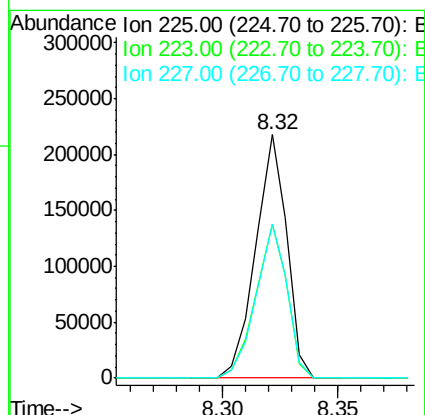
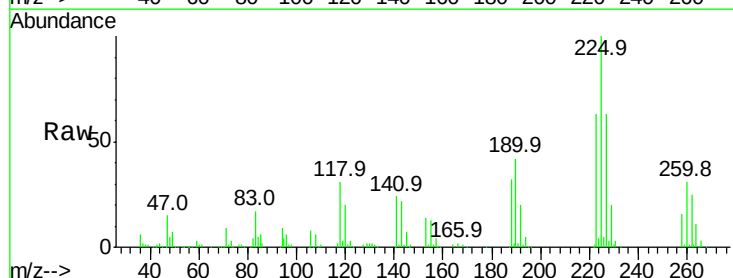
Instrument :
BNA_F
ClientSampled :

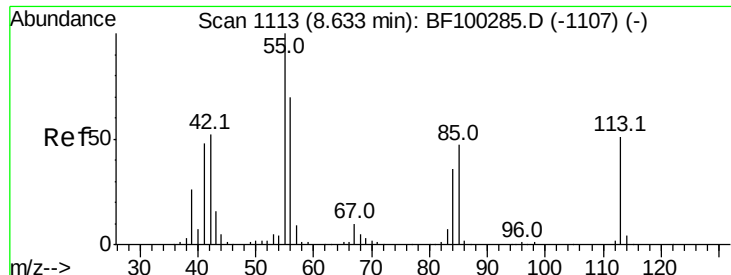
Tot Ion:	127	Resp:	123586
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.9	38.9
65	31.6	25.0	37.4
92	17.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.779 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion:	225	Resp:	205550
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.0	51.9	77.9

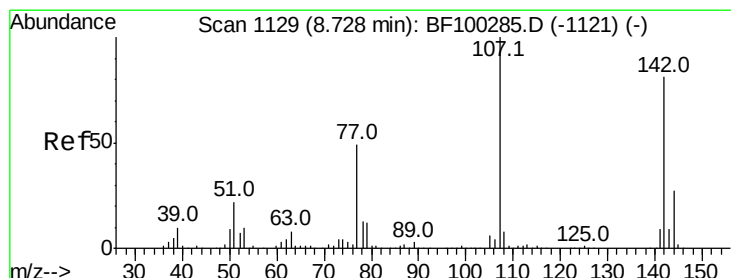
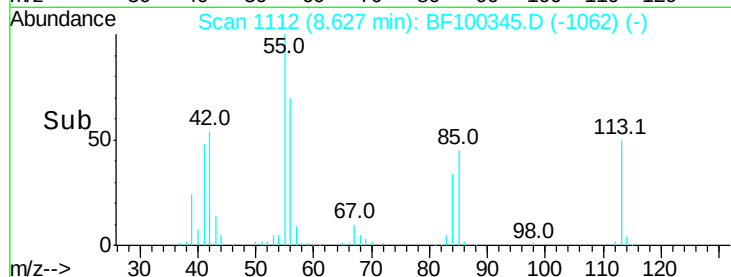
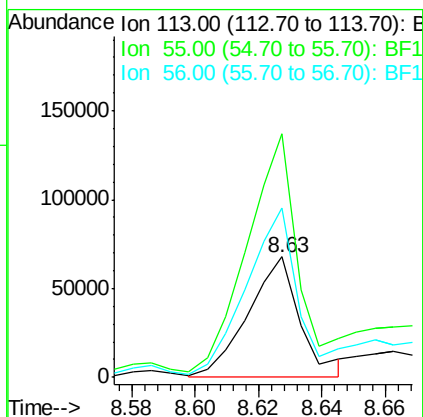
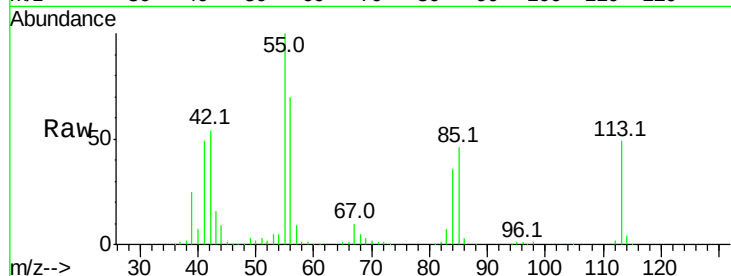




#35
 Caprolactam
 Concen: 28.836 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

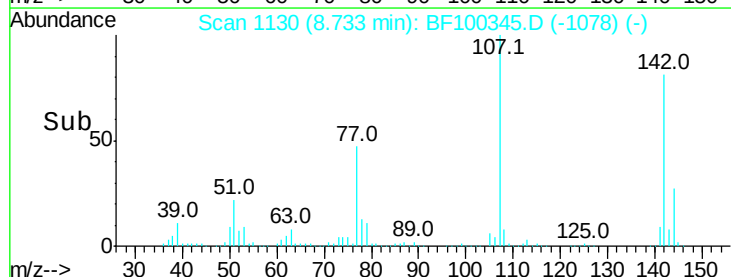
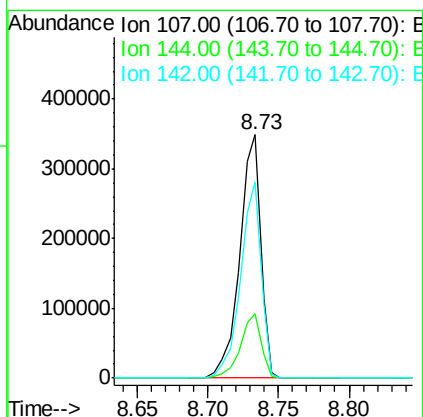
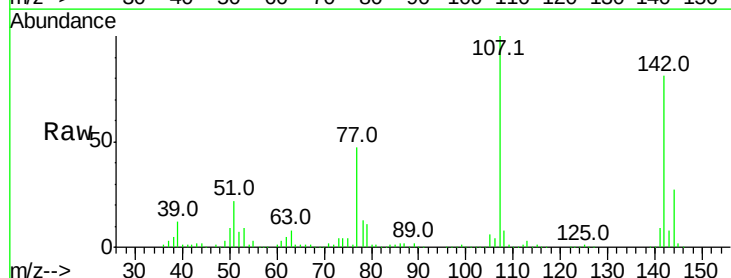
Instrument :
 BNA_F
 ClientSampled :

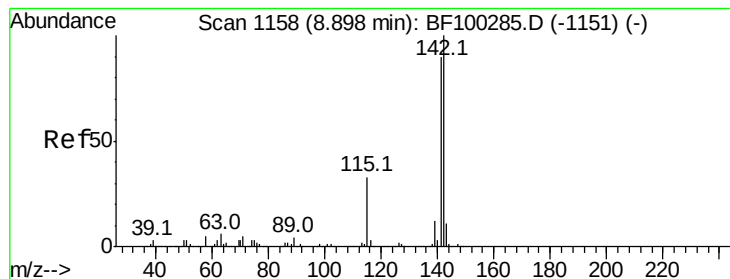
Tot Ion:113 Resp: 77558
 Ion Ratio Lower Upper
 113 100
 55 202.7 163.3 203.3
 56 141.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.264 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion:107 Resp: 364173
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 80.7 62.0 93.0





#37

2-Methylnaphthalene

Concen: 42.186 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

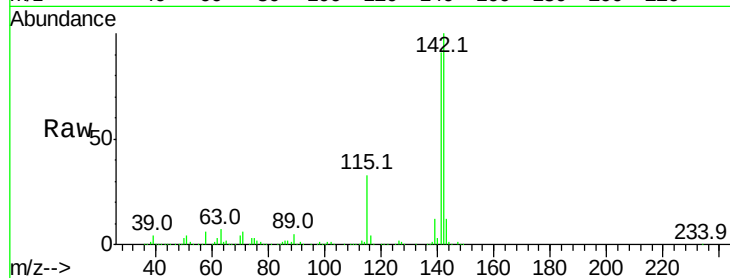
Tot Ion:142 Resp: 777250

Ion Ratio Lower Upper

142 100

141 90.6 70.8 106.2

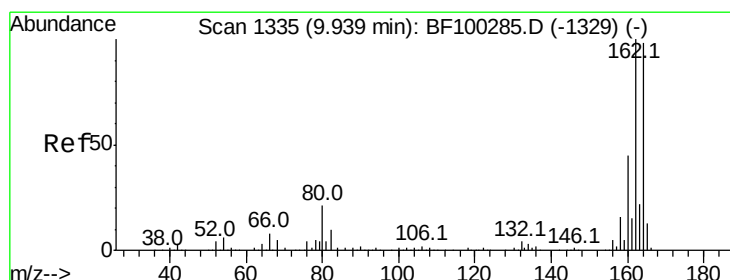
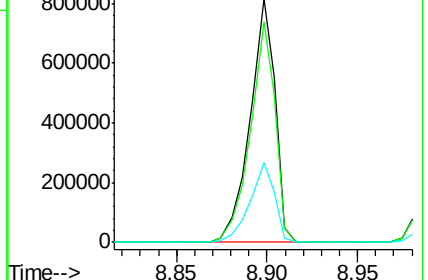
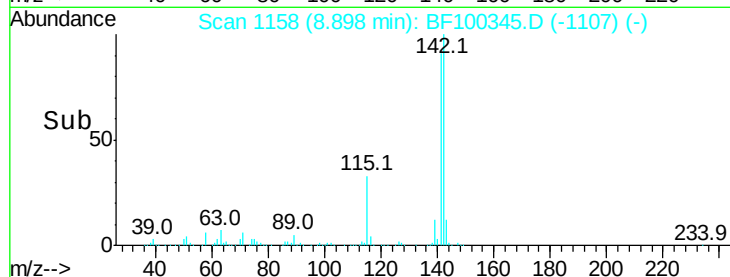
115 32.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

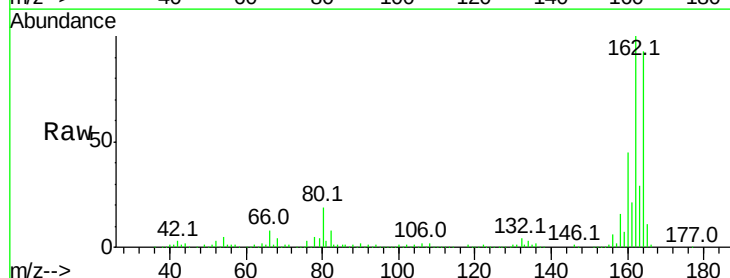
Tgt Ion:164 Resp: 277537

Ion Ratio Lower Upper

164 100

162 108.1 86.1 129.1

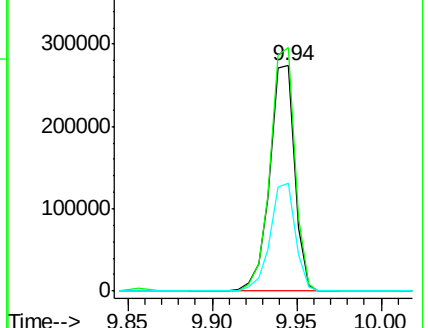
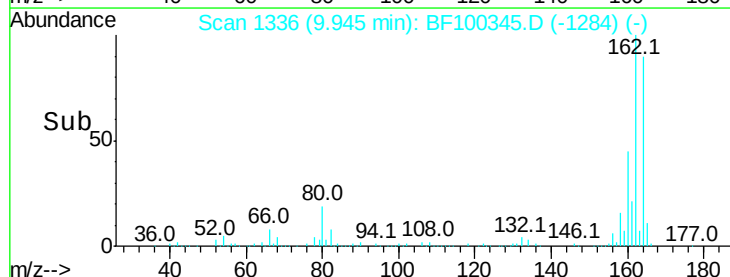
160 48.1 38.3 57.5

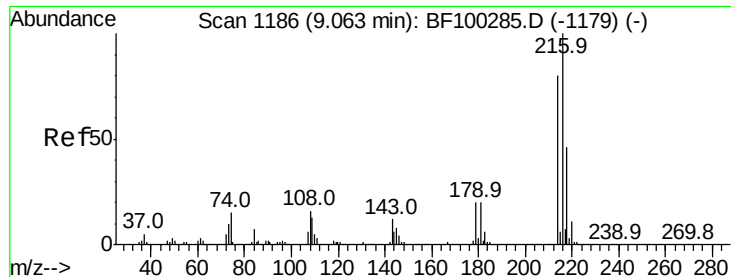


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

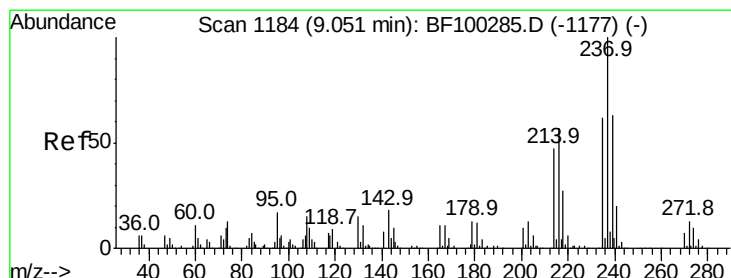
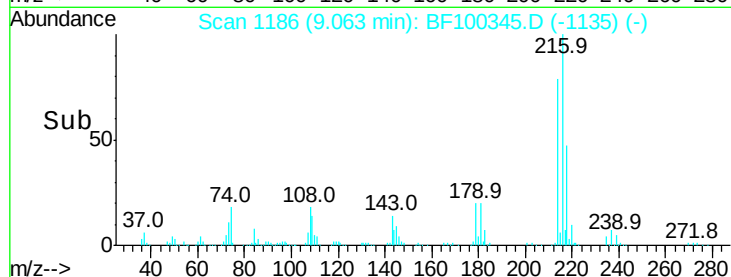
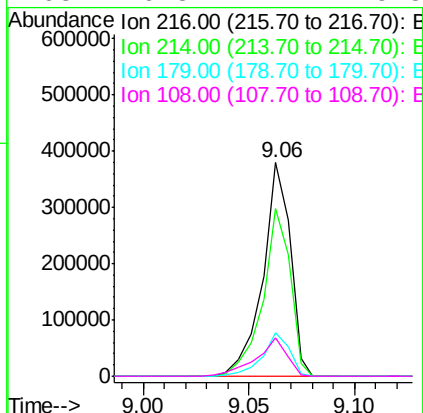
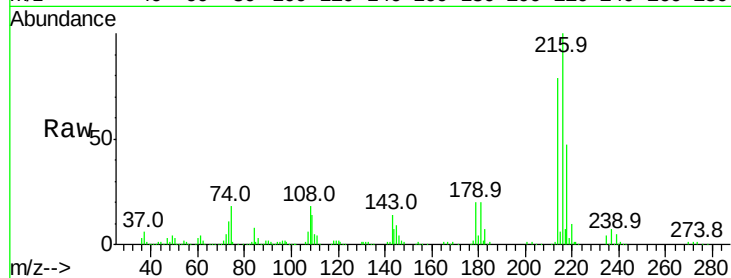




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.482 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

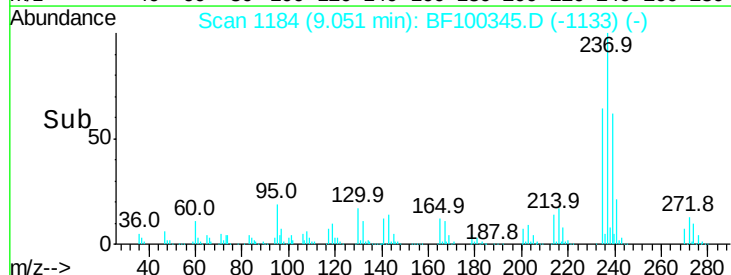
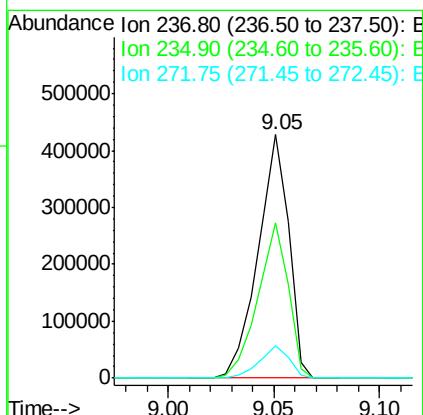
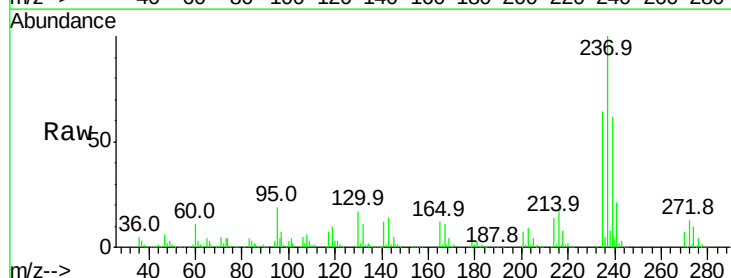
Instrument :
 BNA_F
 ClientSampled :

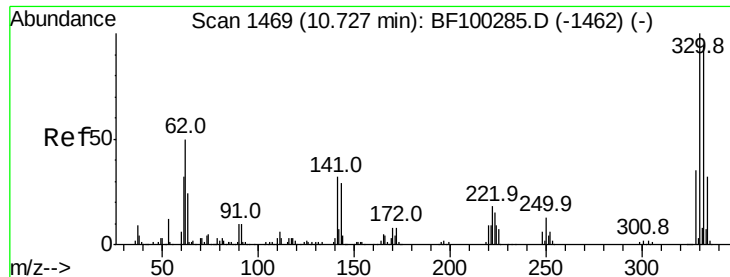
Tot Ion:	216	Resp:	345006
Ion Ratio	Lower	Upper	
216	100		
214	78.1	63.0	94.4
179	20.1	18.1	27.1
108	20.3	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 99.798 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion:	237	Resp:	432336
Ion Ratio	Lower	Upper	
237	100		
235	63.9	44.8	84.8
272	13.2	0.0	33.3

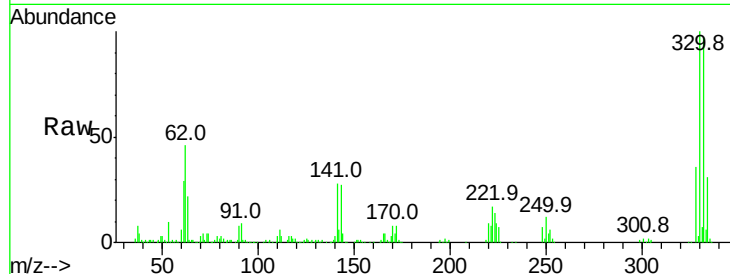




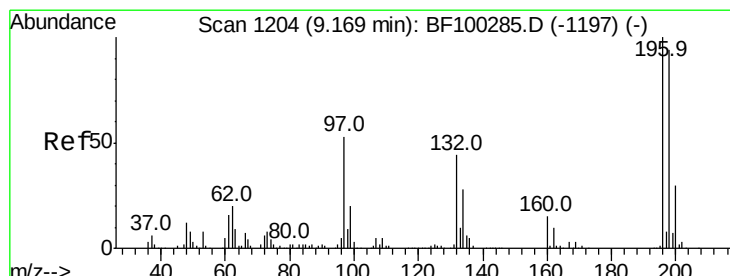
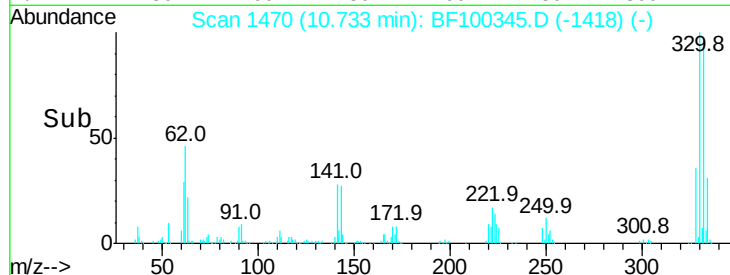
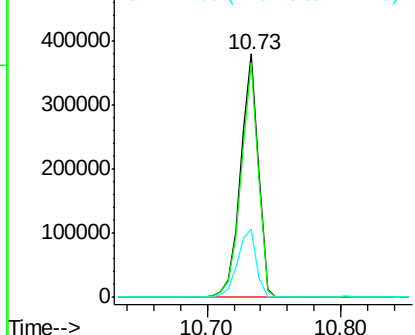
#41
 2,4,6-Tribromophenol
 Concen: 124.300 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	29.9	29.9	44.9

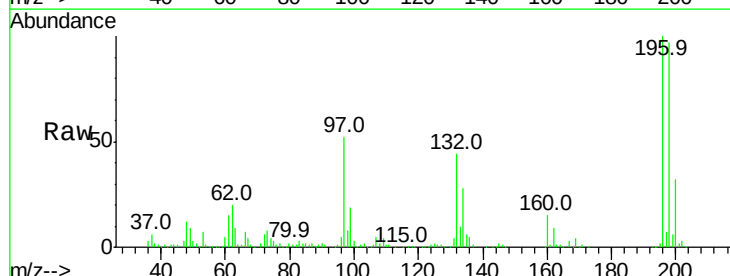


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

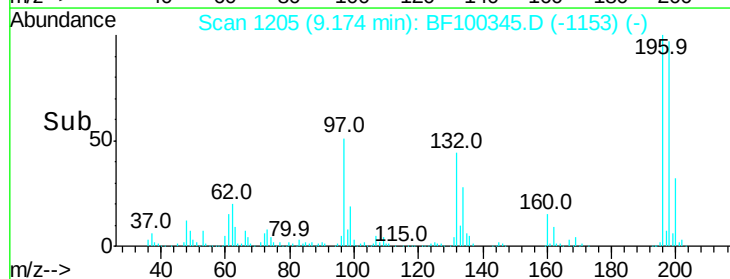
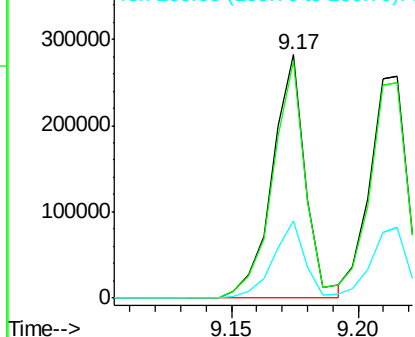


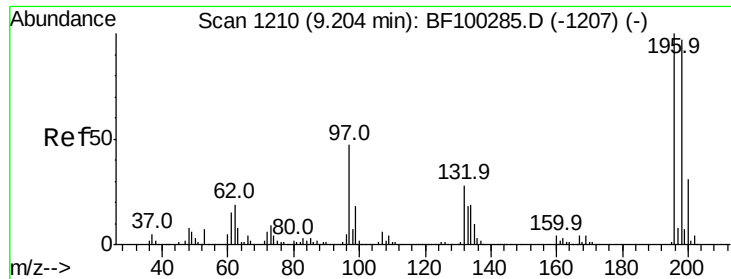
#42
 2,4,6-Trichlorophenol
 Concen: 44.268 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.7	113.5
200	31.6	24.5	36.7



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

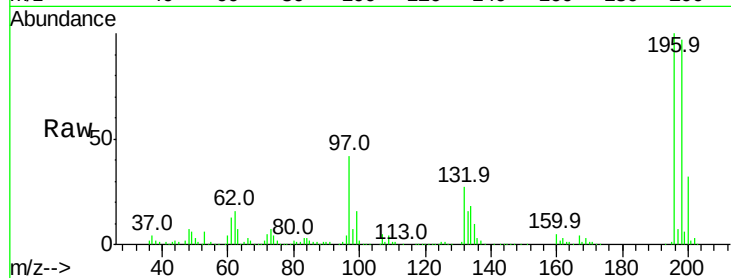




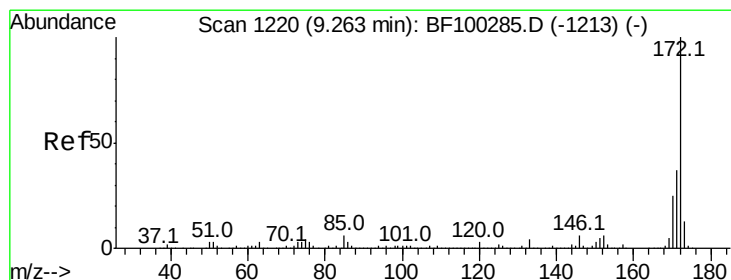
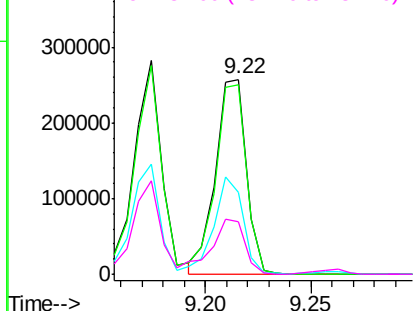
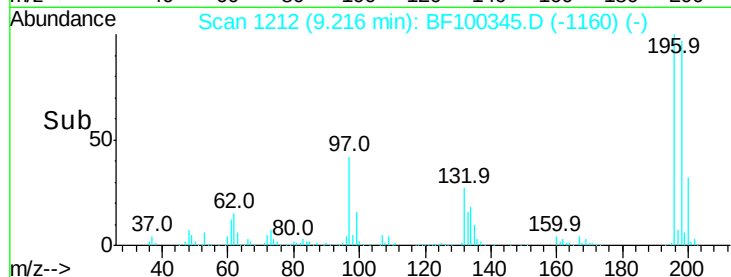
#43
 2,4,5-Trichlorophenol
 Concen: 43.428 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 262483
 Ion Ratio Lower Upper
 196 100
 198 97.1 74.6 112.0
 97 42.1 42.9 64.3#
 132 26.6 26.3 39.5

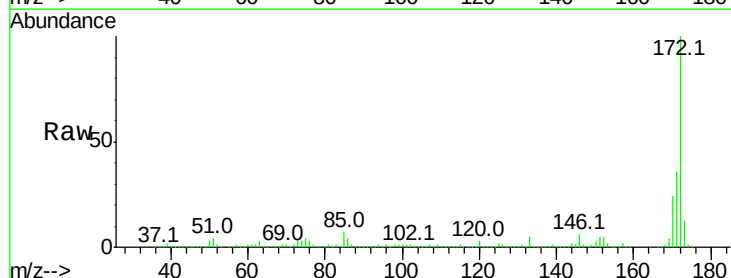


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

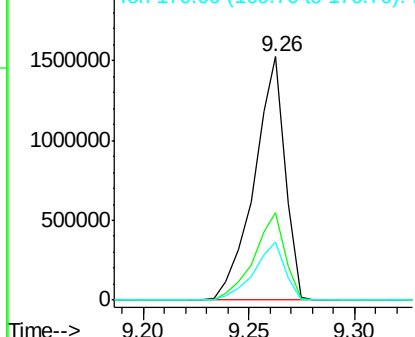
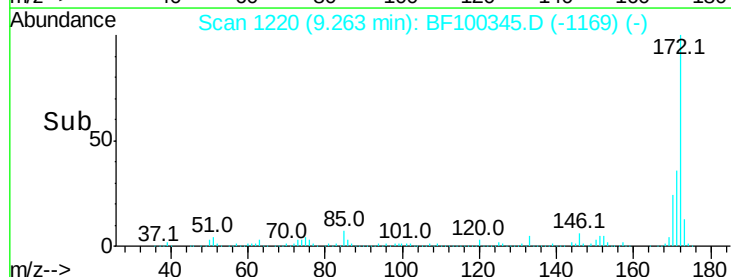


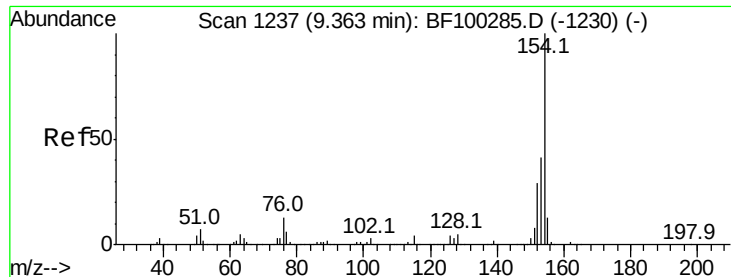
#44
 2-Fluorobiphenyl
 Concen: 84.884 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion:172 Resp: 1547137
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.1 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: 38.618 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampled :

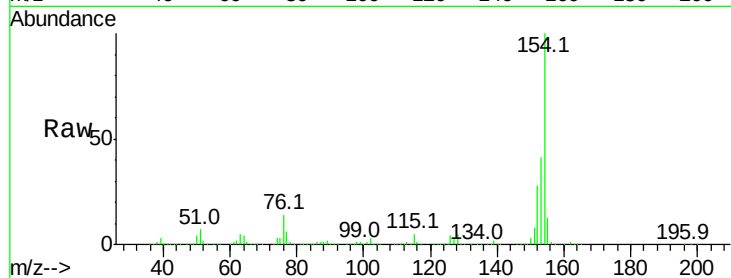
Tot Ion:154 Resp: 926990

Ion Ratio Lower Upper

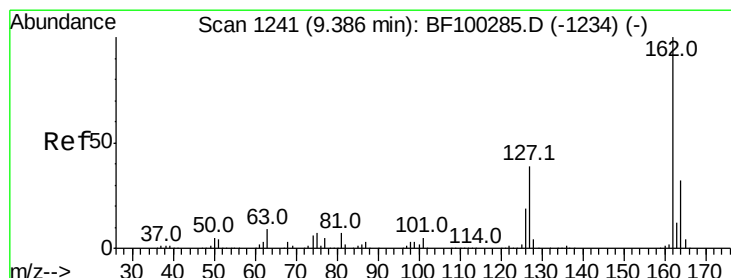
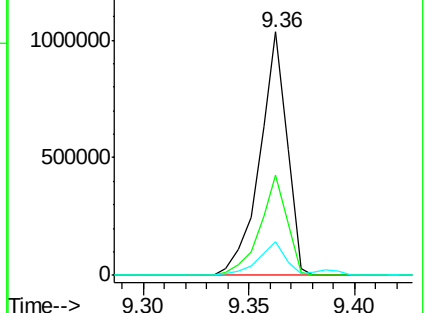
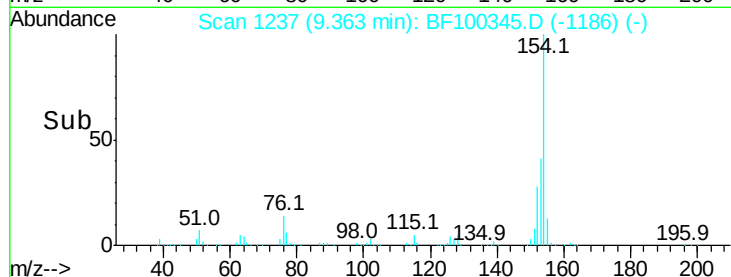
154 100

153 41.4 21.3 61.3

76 14.0 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: 41.243 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

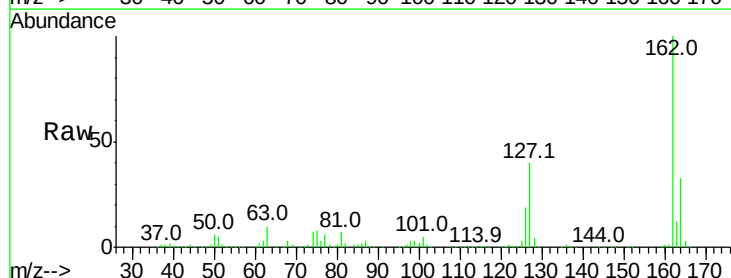
Tgt Ion:162 Resp: 718214

Ion Ratio Lower Upper

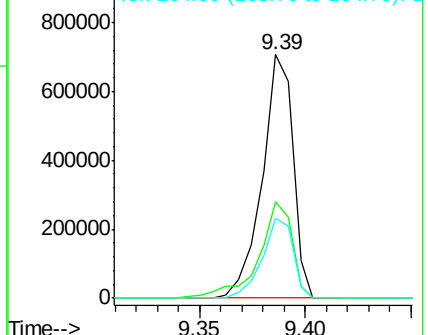
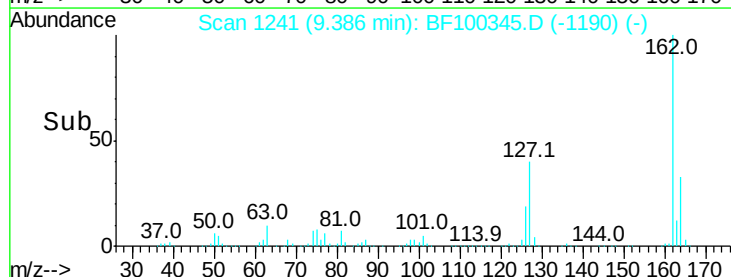
162 100

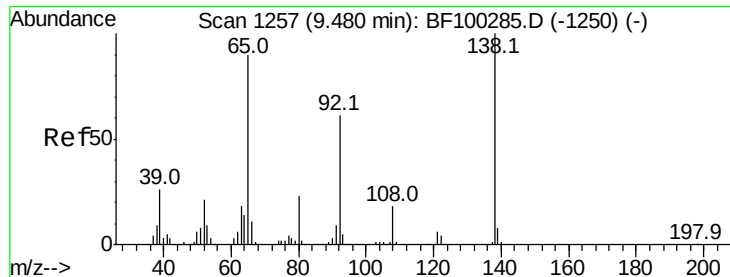
127 39.7 33.9 50.9

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: 45.937 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

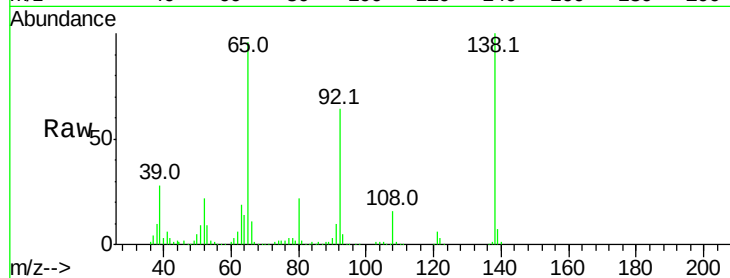
Tot Ion: 65 Resp: 235720

Ion Ratio Lower Upper

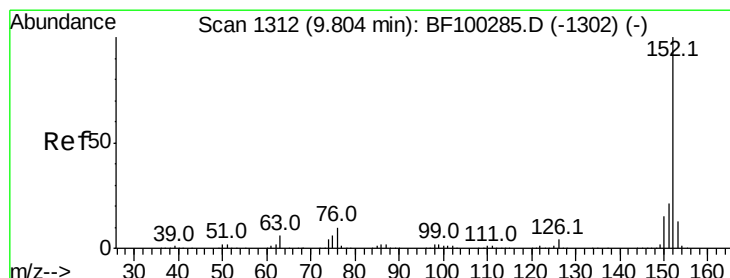
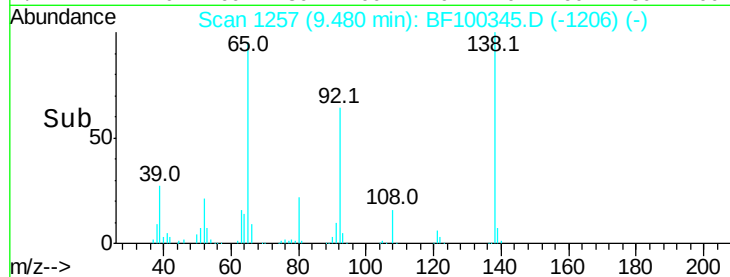
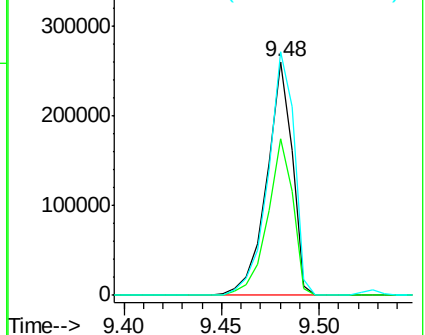
65 100

92 66.9 55.8 83.6

138 104.2 91.2 136.8



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



#48

Acenaphthylene

Concen: 39.289 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

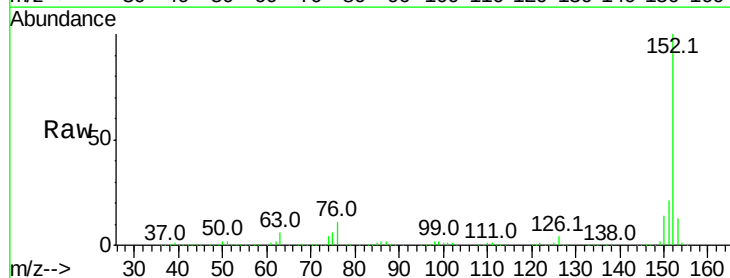
Tgt Ion: 152 Resp: 1133864

Ion Ratio Lower Upper

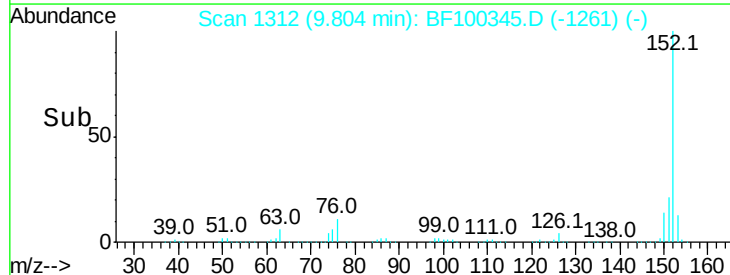
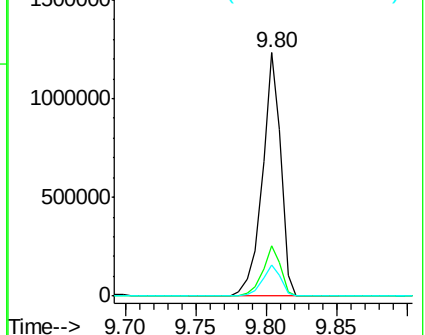
152 100

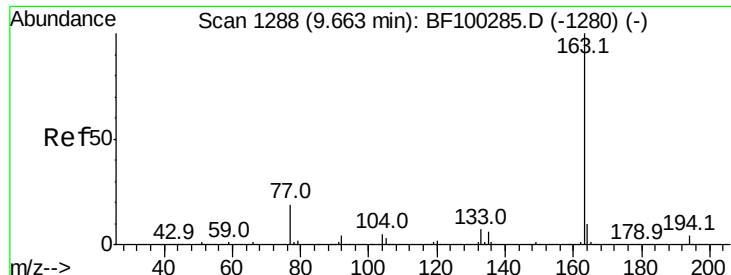
151 20.6 16.3 24.5

153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 39.869 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

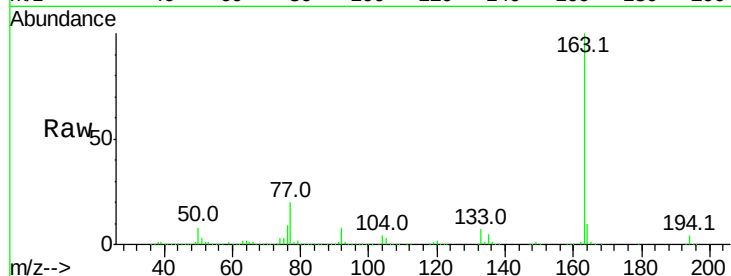
Tot Ion:163 Resp: 844831

Ion Ratio Lower Upper

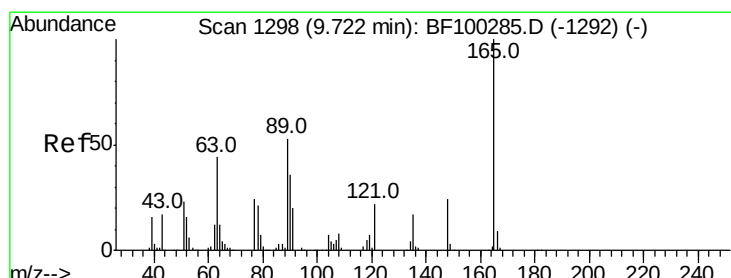
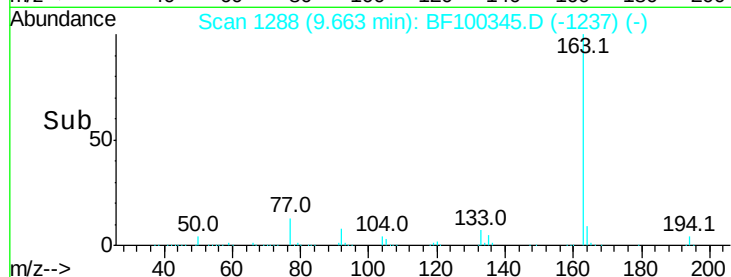
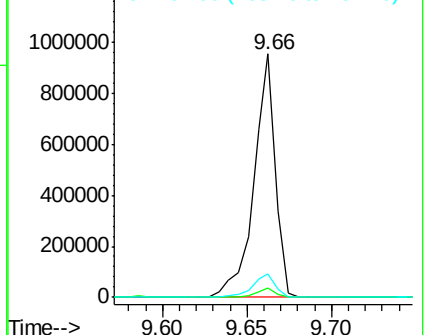
163 100

194 3.8 2.7 4.1

164 9.8 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: 45.525 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

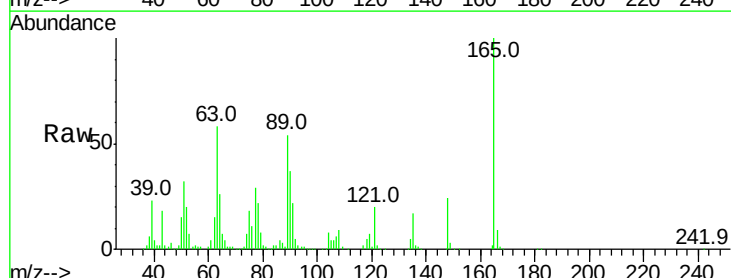
Tgt Ion:165 Resp: 190955

Ion Ratio Lower Upper

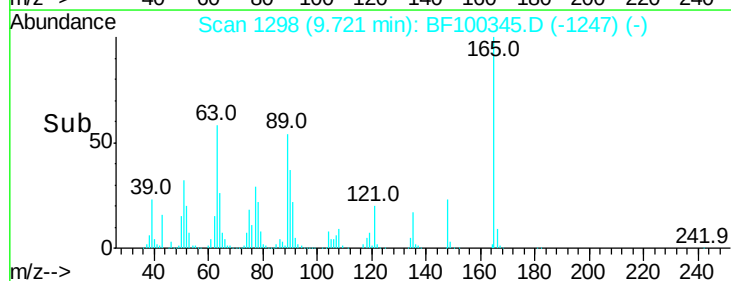
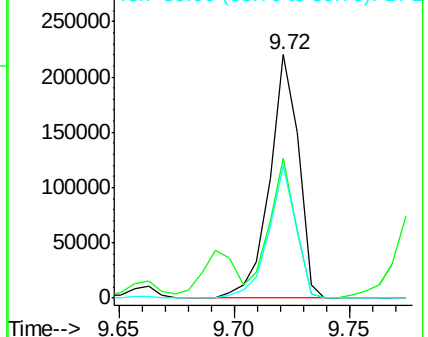
165 100

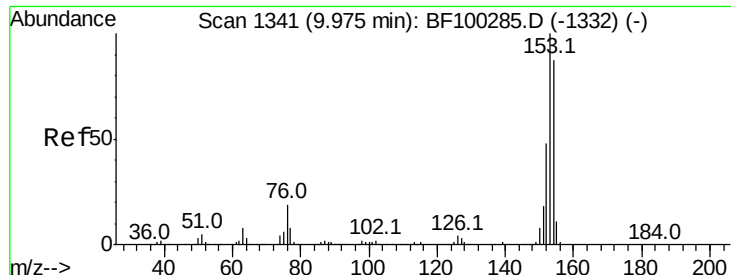
63 57.7 44.7 67.1

89 54.3 44.0 66.0



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





#51

Acenaphthene

Concen: 42.946 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

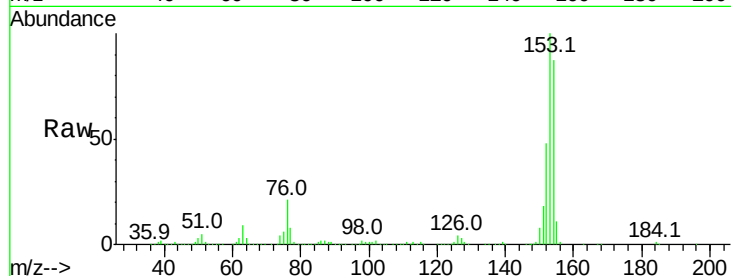
Tot Ion:154 Resp: 753771

Ion Ratio Lower Upper

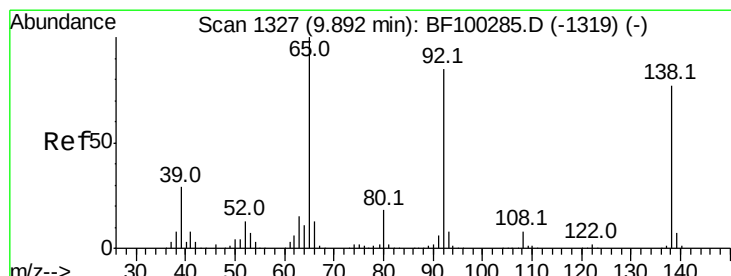
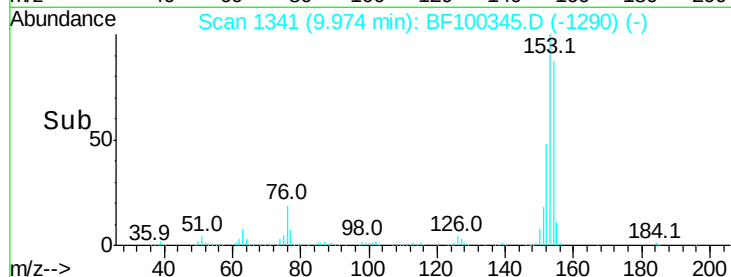
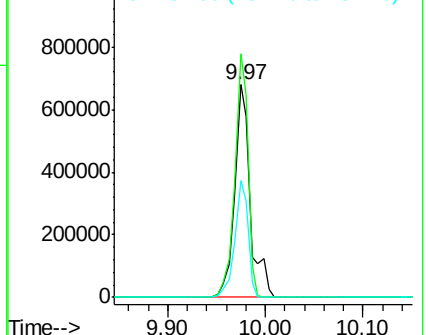
154 100

153 114.6 91.2 136.8

152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.465 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

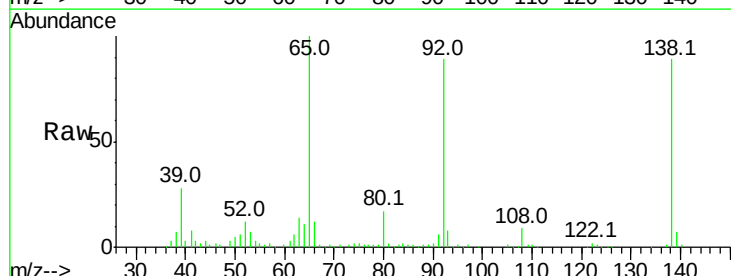
Tgt Ion:138 Resp: 116226

Ion Ratio Lower Upper

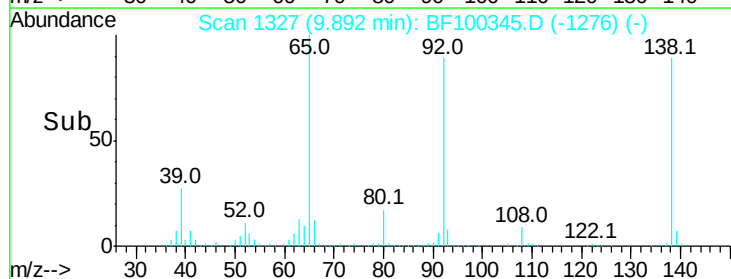
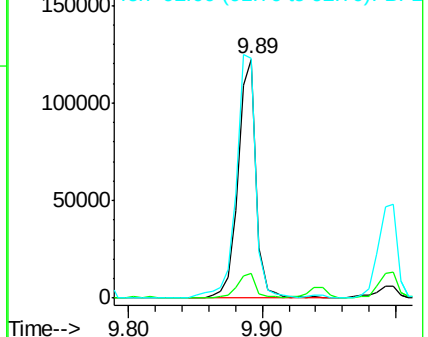
138 100

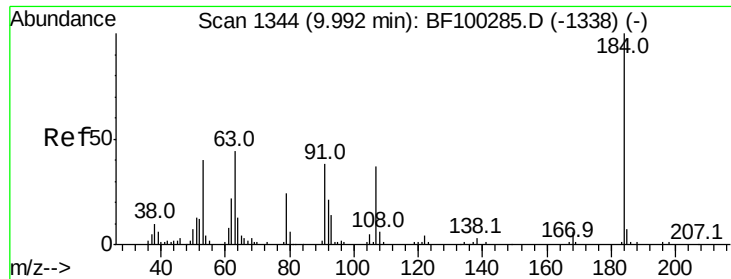
108 10.3 9.4 14.0

92 100.7 89.4 134.2



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

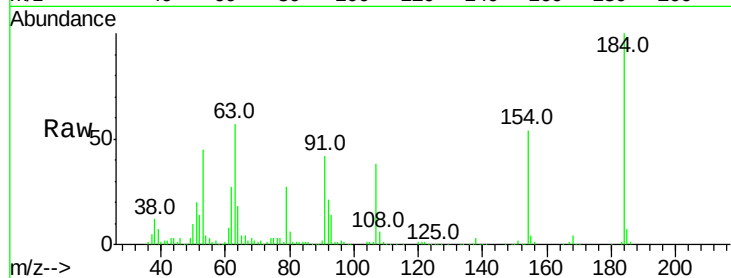




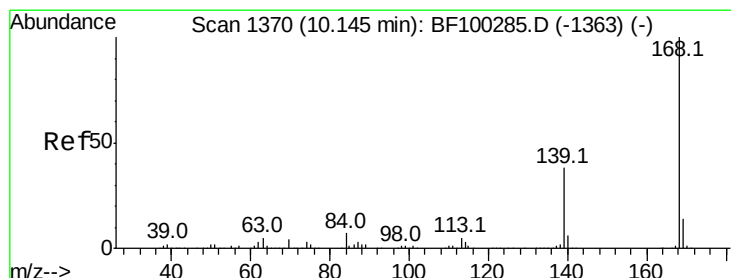
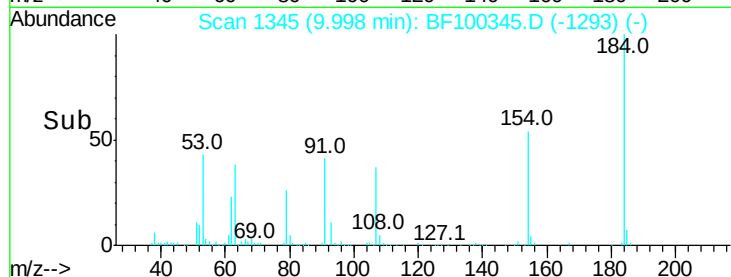
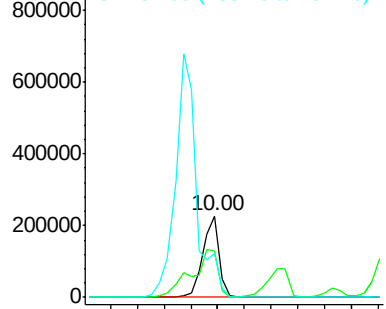
#53
 2,4-Dinitrophenol
 Concen: 96.570 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 195490
 Ion Ratio Lower Upper
 184 100
 63 56.8 54.2 81.2
 154 54.5 184.0 276.0#

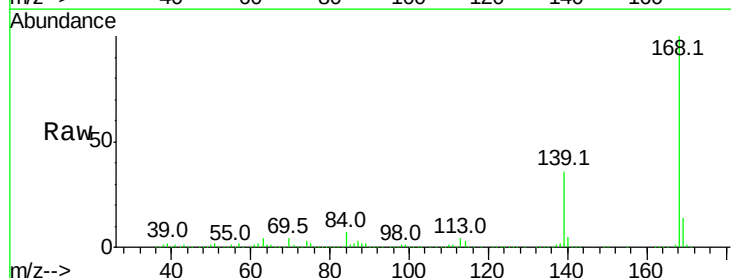


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

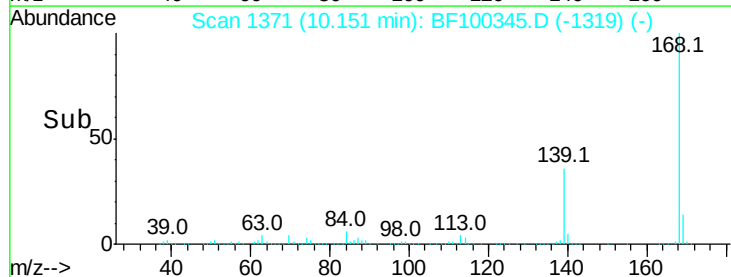
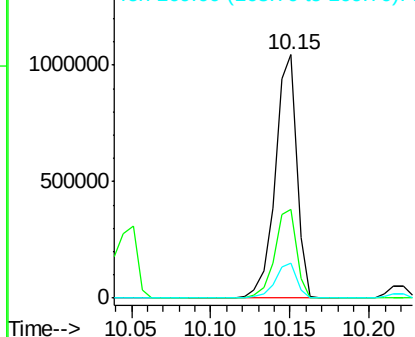


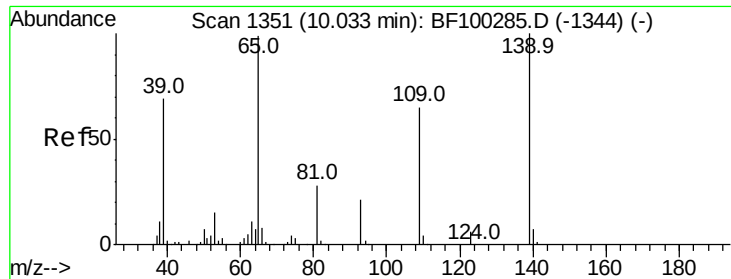
#54
 Dibenzofuran
 Concen: 40.156 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion:168 Resp: 987825
 Ion Ratio Lower Upper
 168 100
 139 36.3 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

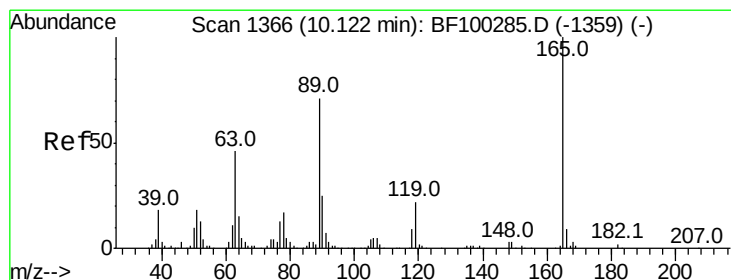
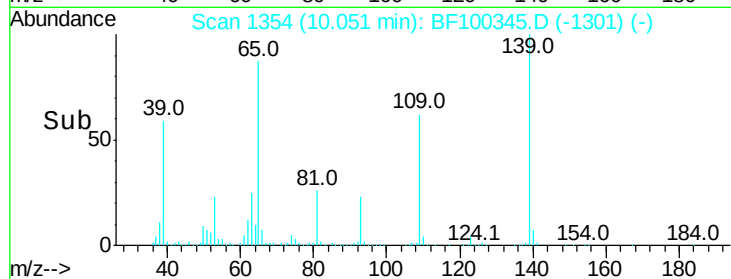
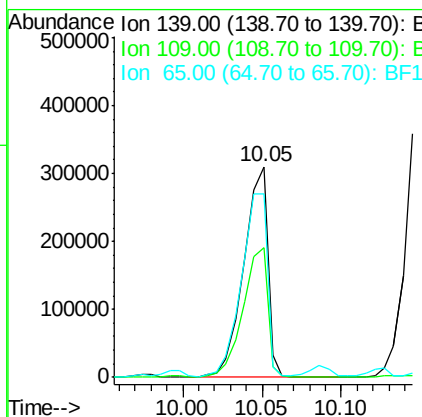
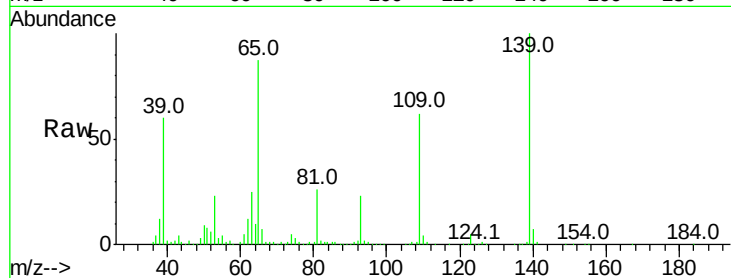




#55
4-Nitrophenol
Concen: 80.231 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

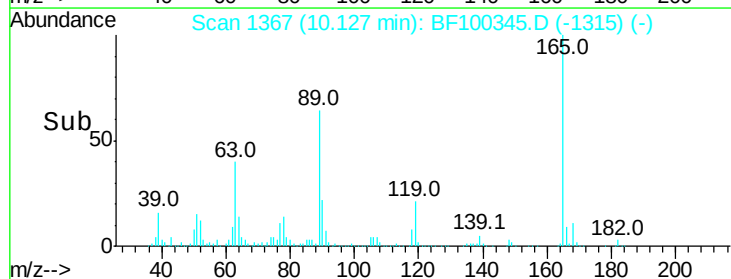
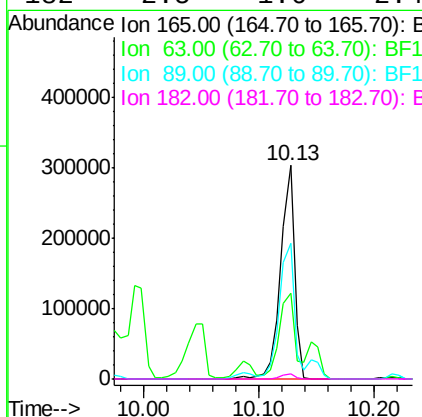
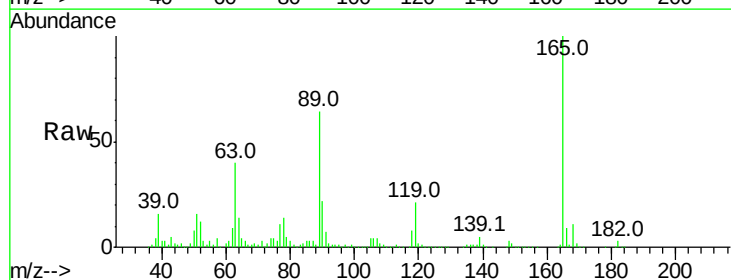
Instrument :
BNA_F
ClientSampled :

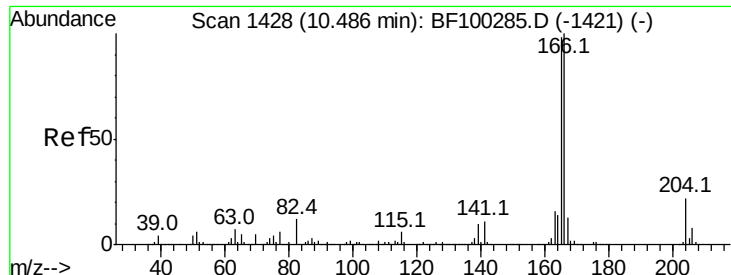
Tot Ion:139 Resp: 322676
Ion Ratio Lower Upper
139 100
109 61.7 48.4 88.4
65 87.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 48.807 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion:165 Resp: 258262
Ion Ratio Lower Upper
165 100
63 40.1 36.4 54.6
89 63.6 57.8 86.6
182 2.5 1.6 2.4#

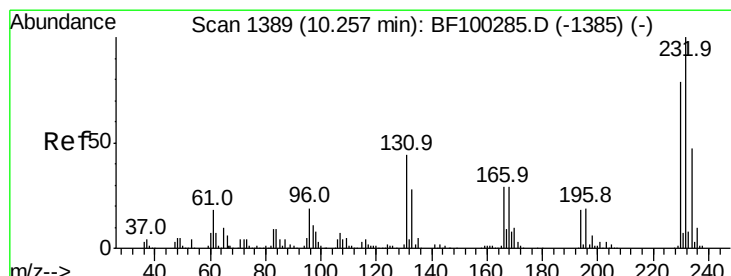
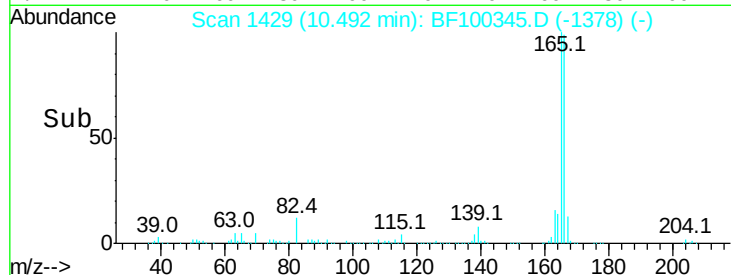
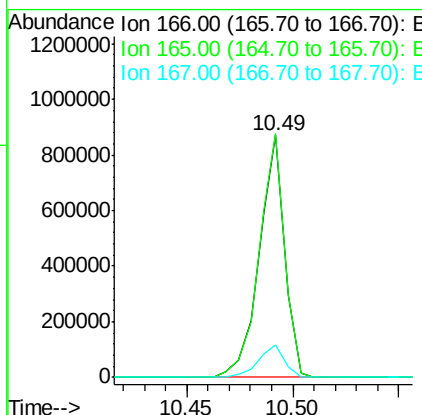
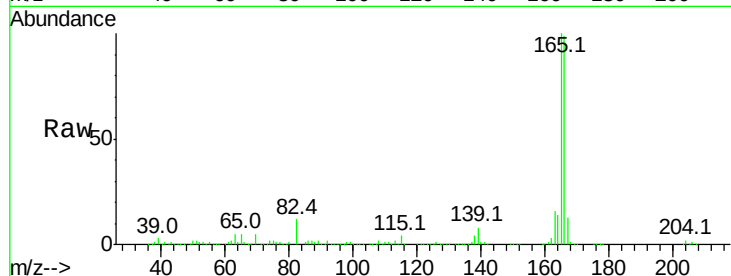




#57
 Fluorene
 Concen: 40.350 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

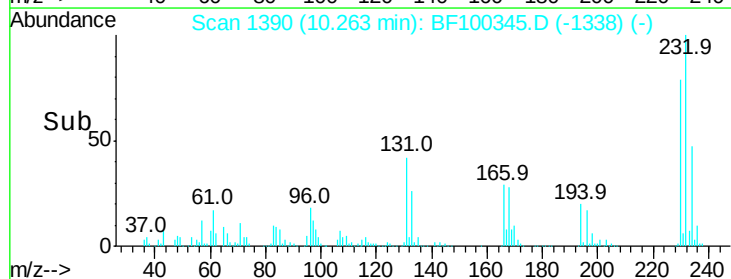
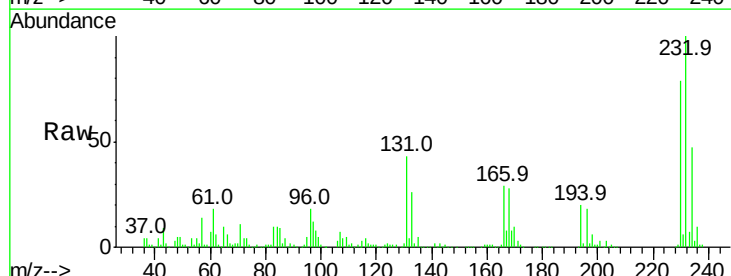
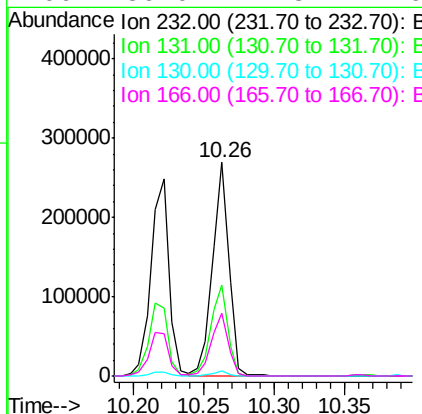
Instrument :
 BNA_F
 ClientSampleId :

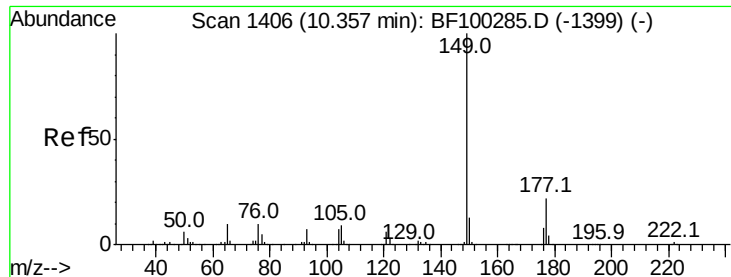
Tot Ion:166 Resp: 727146
 Ion Ratio Lower Upper
 166 100
 165 100.6 79.8 119.8
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.303 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion:232 Resp: 219460
 Ion Ratio Lower Upper
 232 100
 131 44.2 43.8 65.8
 130 2.1 2.1 3.1
 166 30.0 27.8 41.6

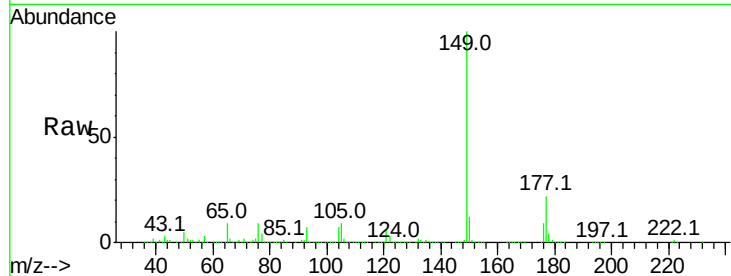




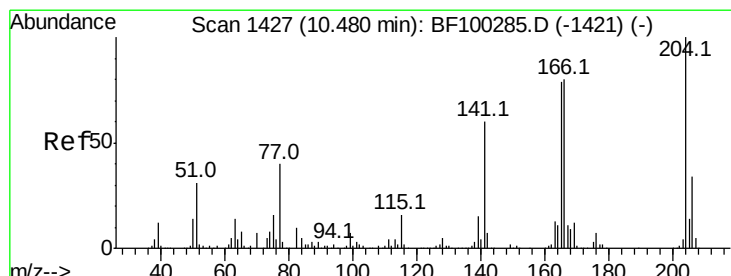
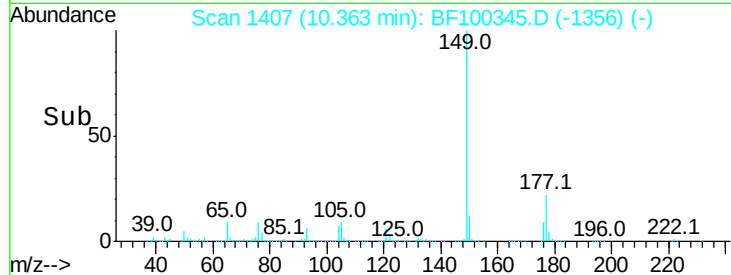
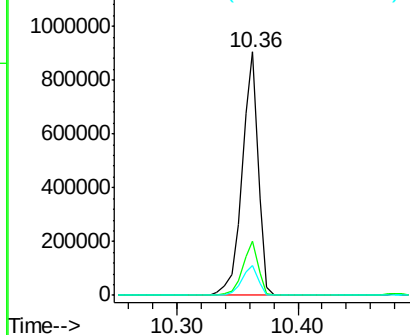
#59
Diethylphthalate
Concen: 39.240 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	12.2	10.1	15.1

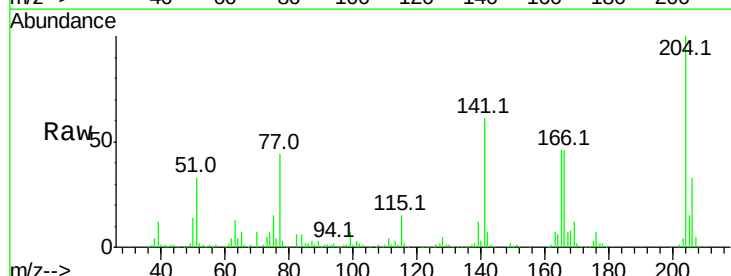


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

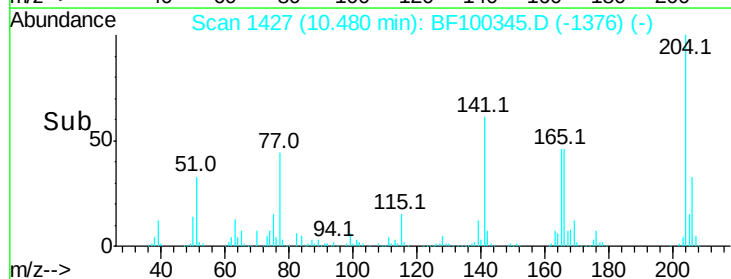
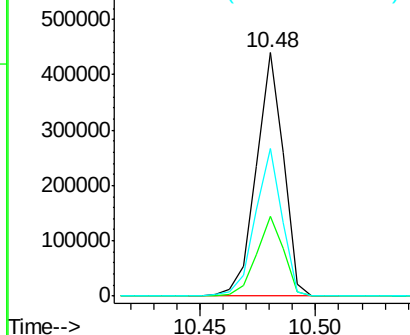


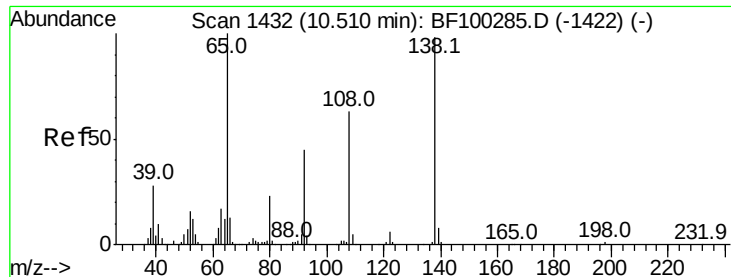
#60
4-Chlorophenyl-phenylether
Concen: 40.882 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	60.7	54.6	81.8



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

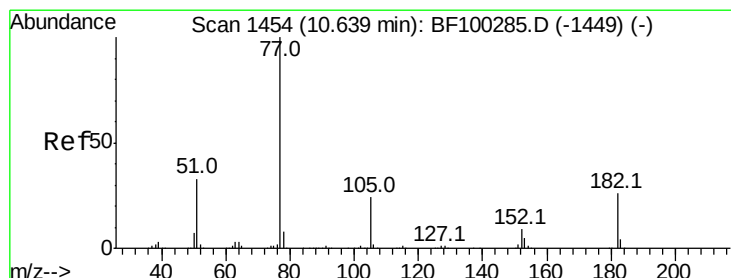
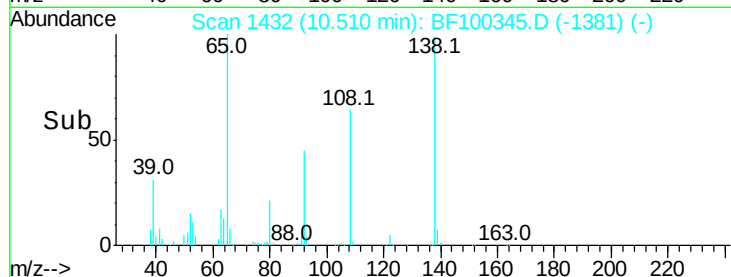
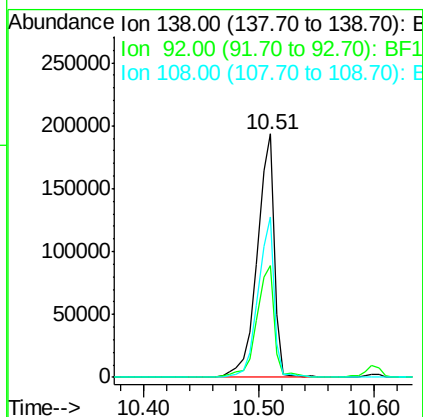
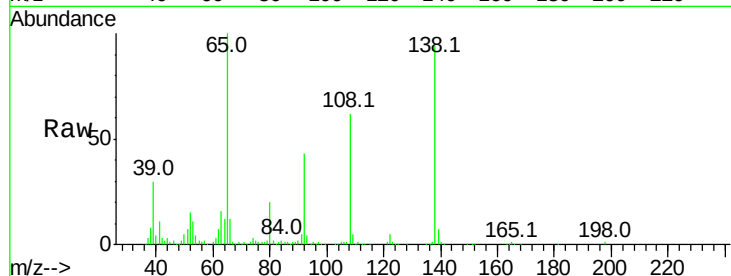




#61
4-Nitroaniline
Concen: 42.960 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

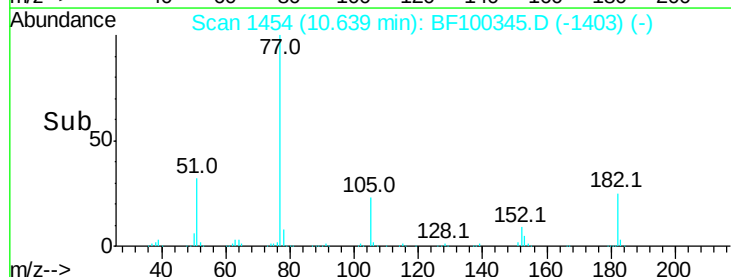
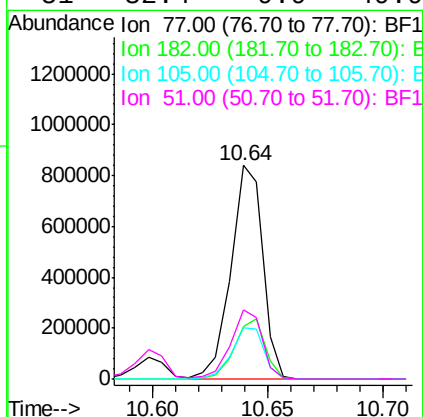
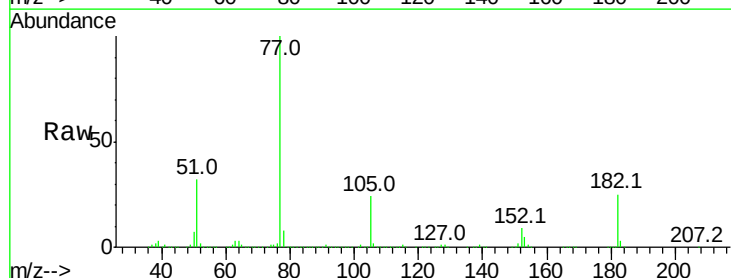
Instrument :
BNA_F
ClientSampled :

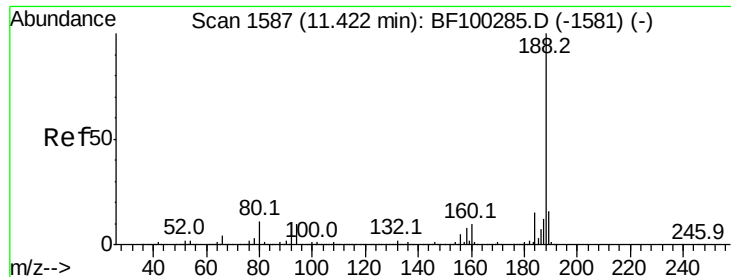
Tot Ion:138 Resp: 201764
Ion Ratio Lower Upper
138 100
92 45.7 30.2 70.2
108 66.1 52.5 92.5



#62
Azobenzene
Concen: 40.307 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion: 77 Resp: 805032
Ion Ratio Lower Upper
77 100
182 24.6 1.7 41.7
105 23.8 3.0 43.0
51 32.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

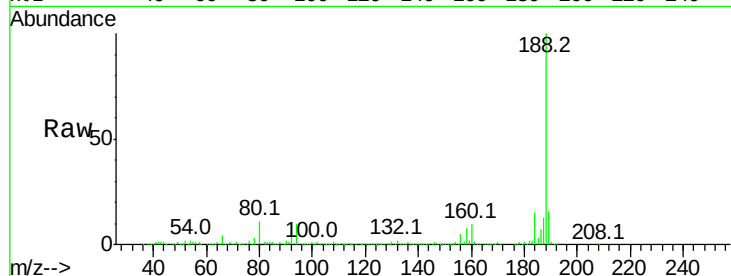
Tot Ion:188 Resp: 530352

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

80 11.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.43

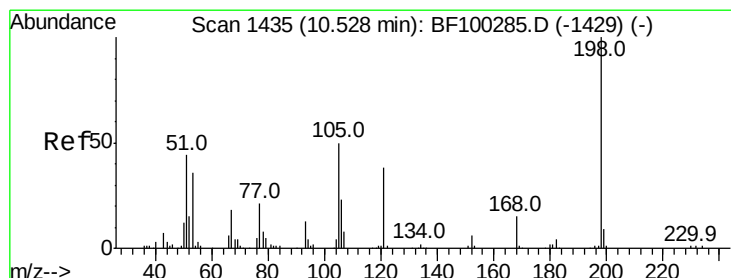
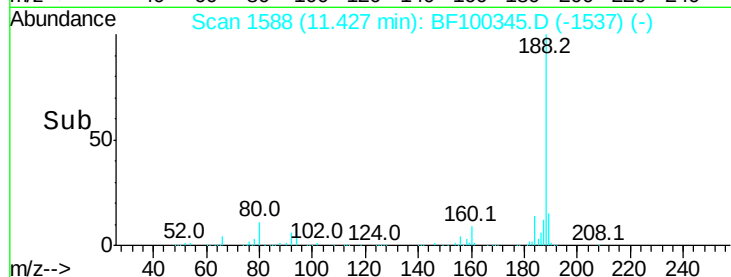
600000

400000

200000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 46.556 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

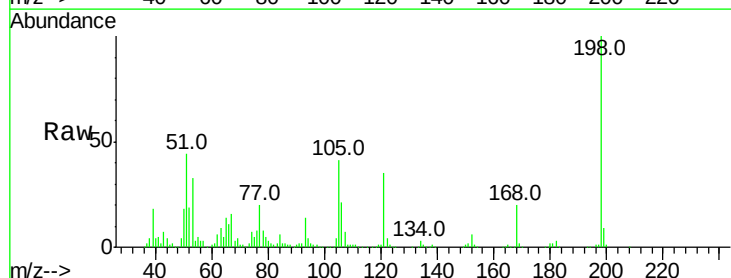
Tgt Ion:198 Resp: 123827

Ion Ratio Lower Upper

198 100

51 44.5 37.7 77.7

105 41.3 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

10.53

200000

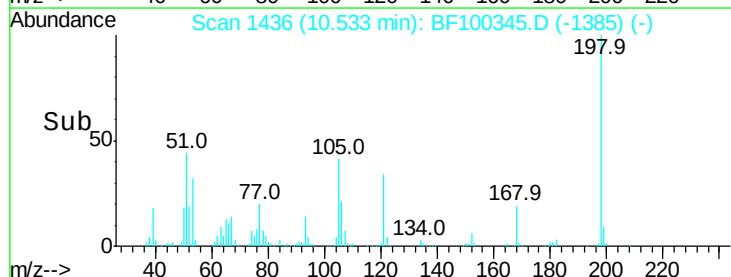
150000

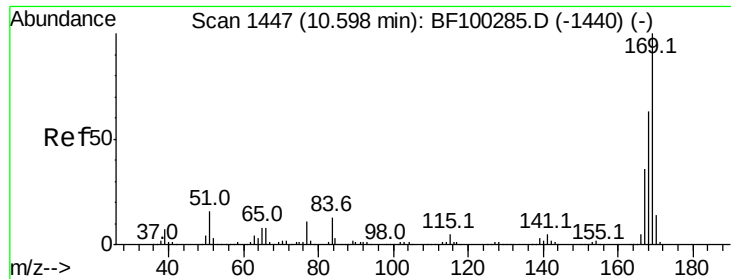
100000

50000

0

Time-->





#65

n-Nitrosodiphenylamine

Concen: 38.767 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

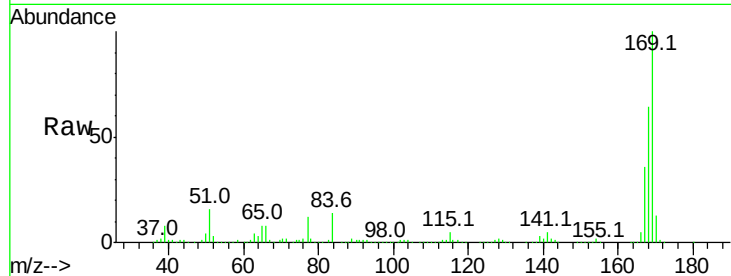
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 714901

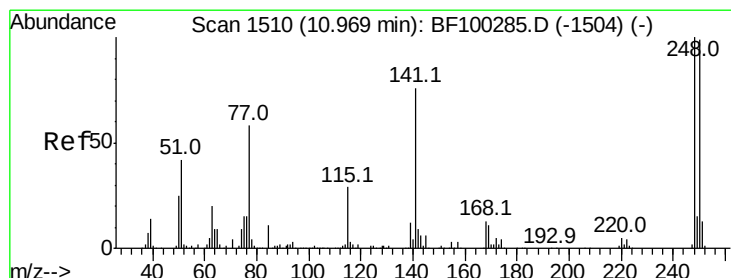
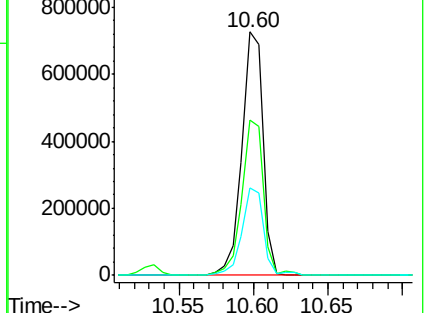
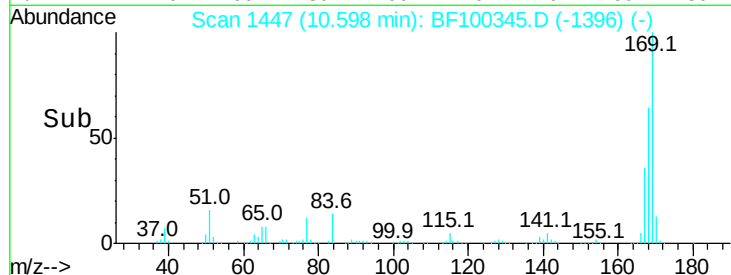
Ion	Ratio	Lower	Upper
169	100		
168	63.8	54.4	81.6
167	35.9	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.143 ng

RT: 10.97 min Scan# 1511

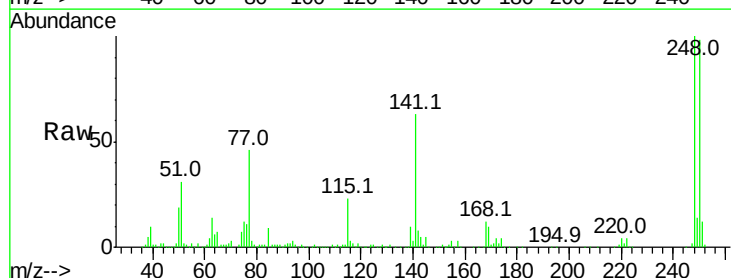
Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Tgt Ion:248 Resp: 239593

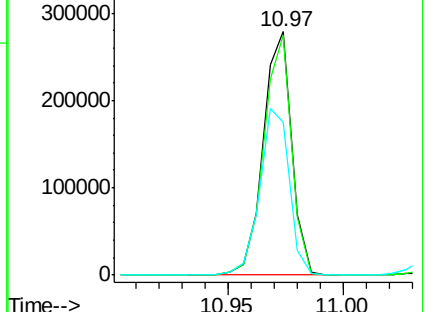
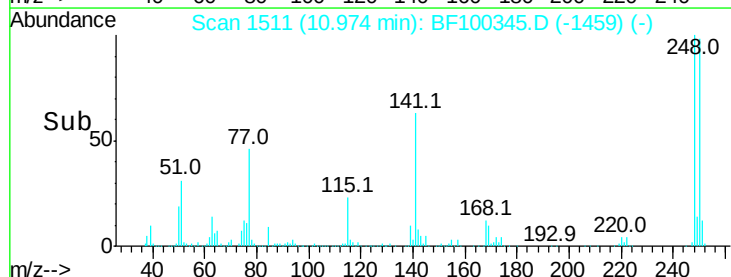
Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.9	115.3
141	62.7	74.4	111.6#

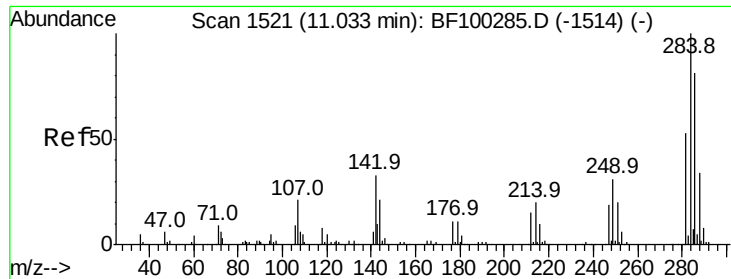


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.528 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

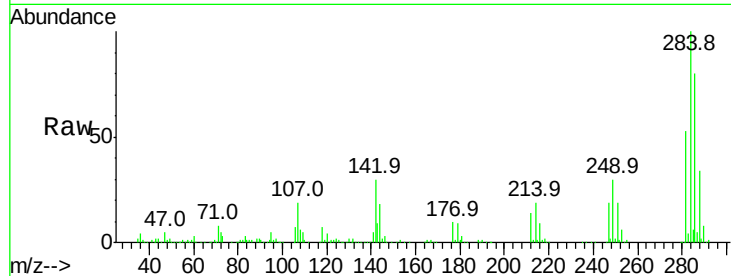
Tot Ion:284 Resp: 246933

Ion Ratio Lower Upper

284 100

142 30.0 34.6 52.0#

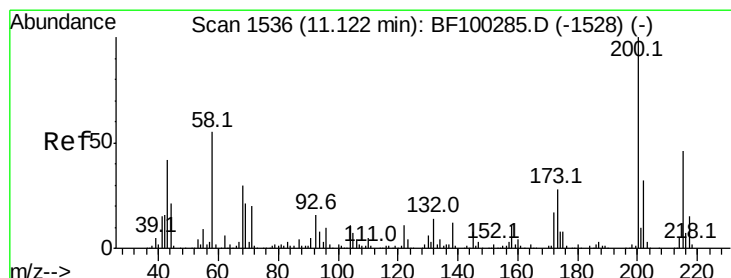
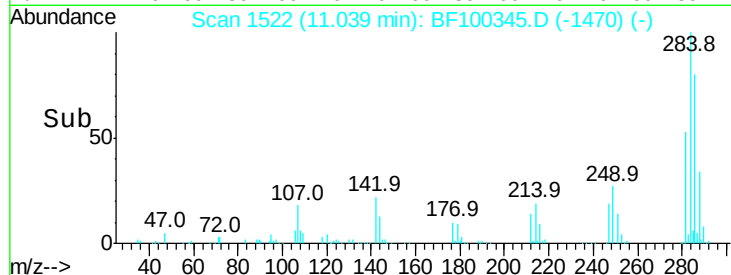
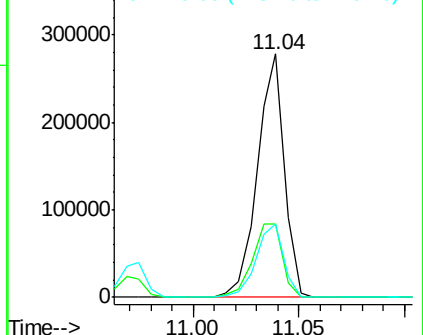
249 29.9 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.875 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

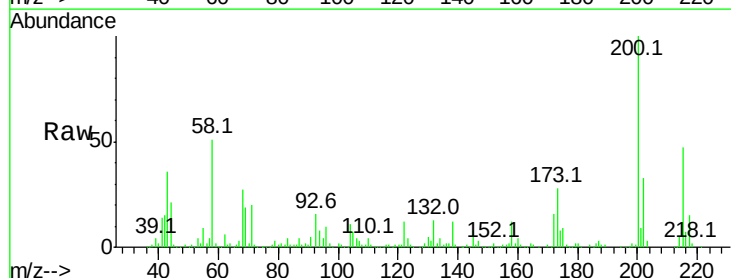
Tgt Ion:200 Resp: 233750

Ion Ratio Lower Upper

200 100

173 27.6 8.6 48.6

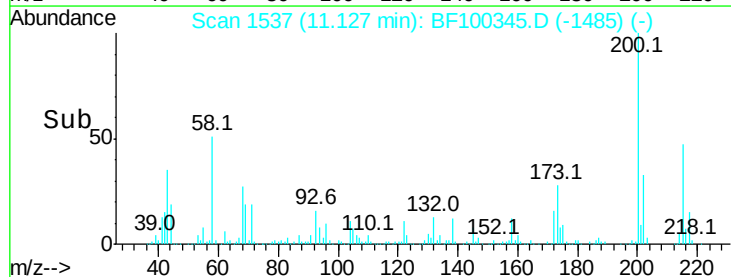
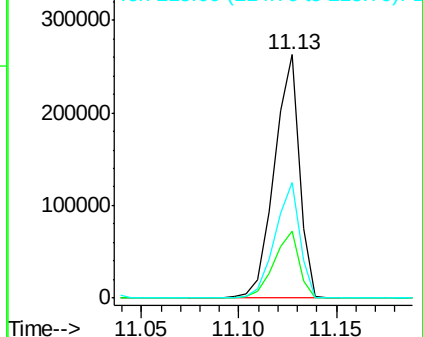
215 47.3 25.1 65.1

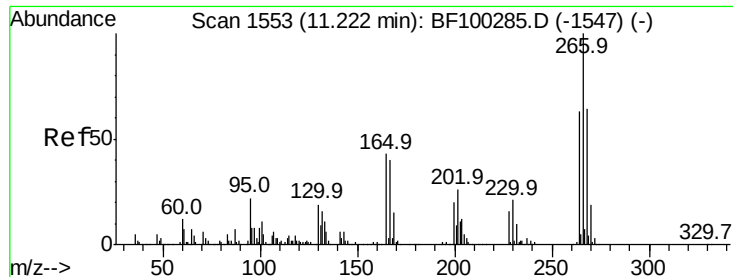


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

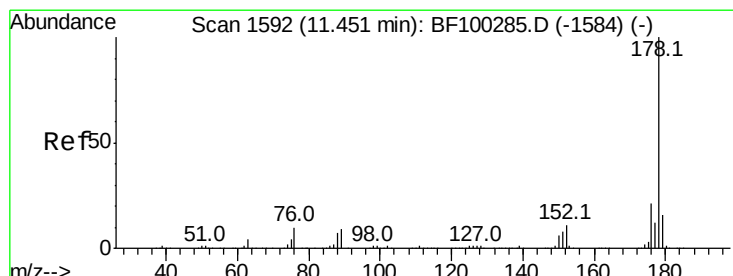
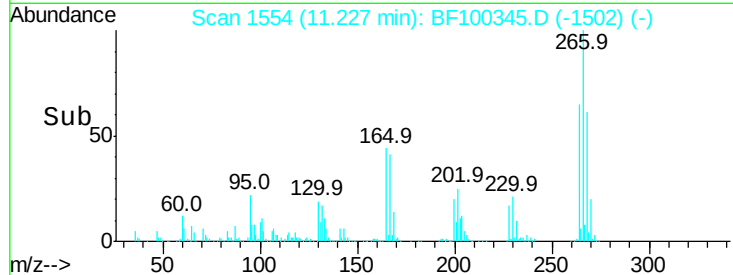
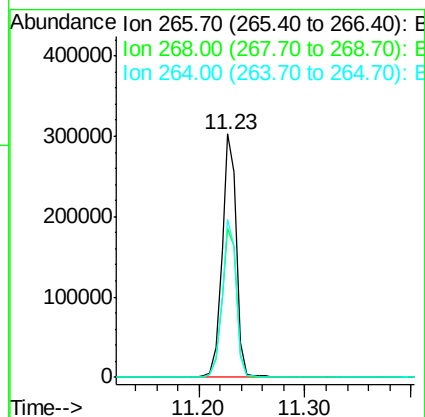
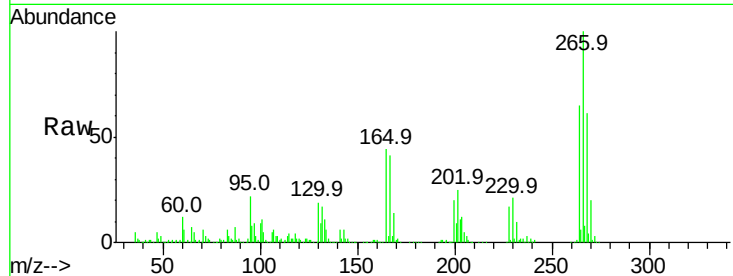




#69
 Pentachlorophenol
 Concen: 67.848 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

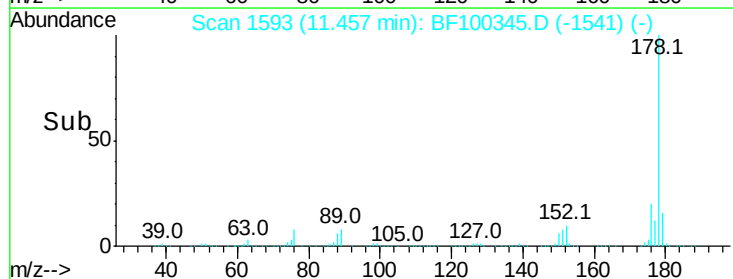
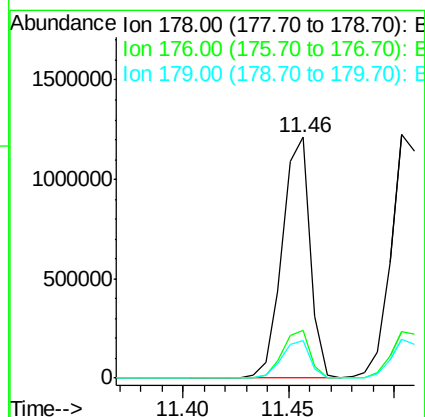
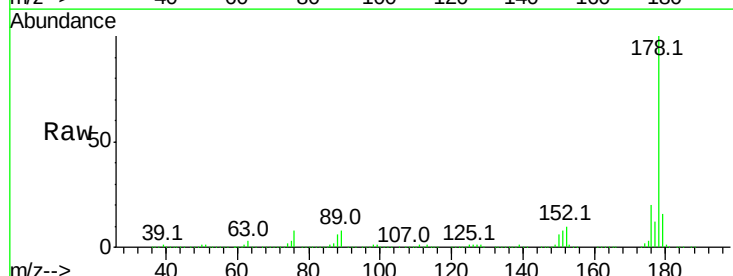
Instrument :
 BNA_F
 ClientSampleId :

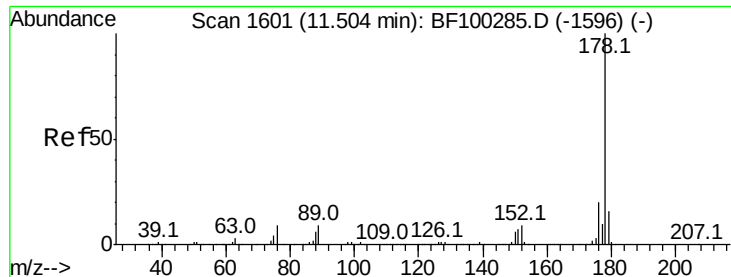
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.1	51.1	76.7
264	64.8	49.5	74.3



#70
 Phenanthrene
 Concen: 39.926 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.6	13.0	19.6

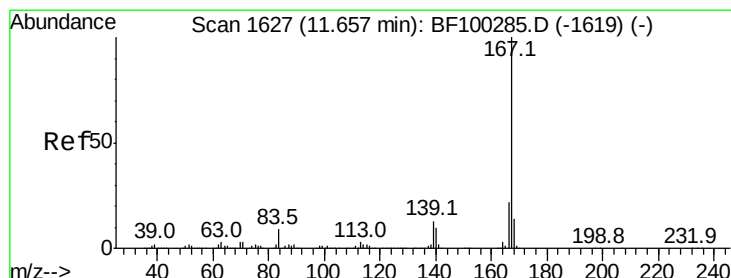
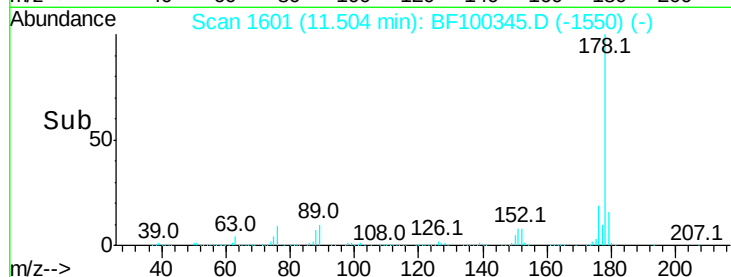
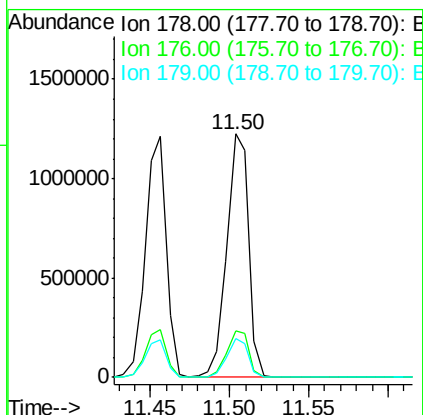
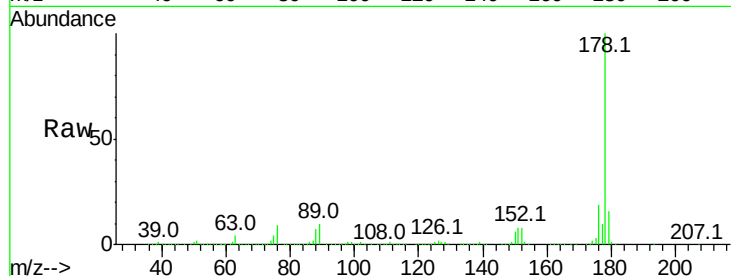




#71
 Anthracene
 Concen: 41.160 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

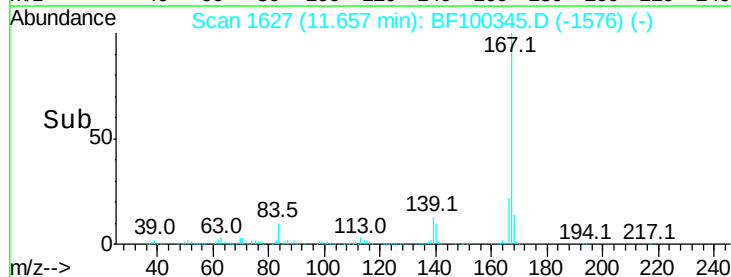
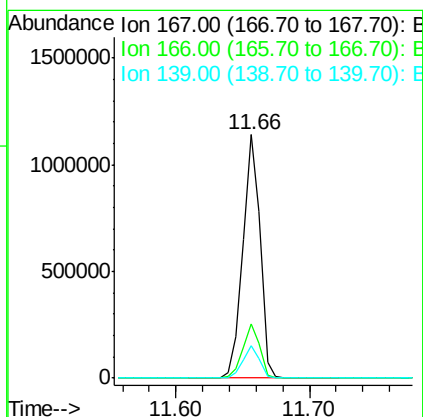
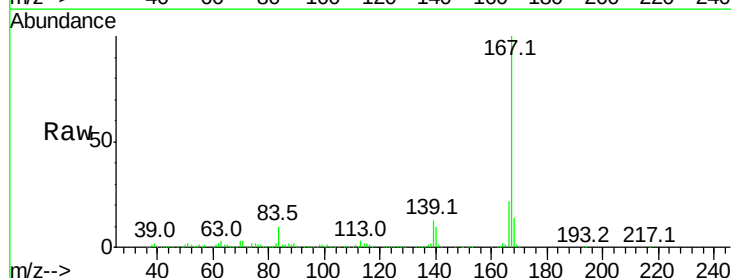
Instrument :
 BNA_F
 ClientSampleId :

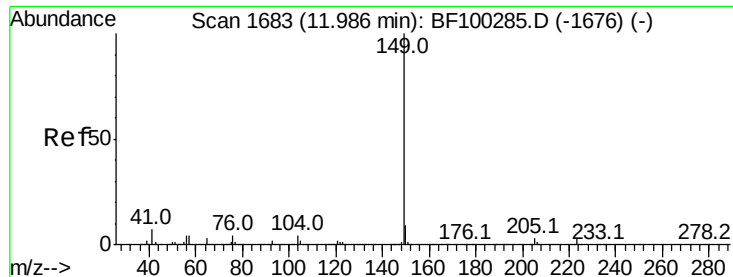
Tot Ion:178 Resp: 1166064
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 16.1 12.6 19.0



#72
 Carbazole
 Concen: 38.979 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion:167 Resp: 1018925
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.299 ng

RT: 11.99 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

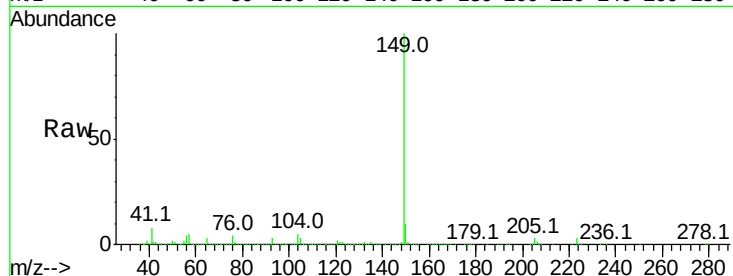
Tot Ion:149 Resp: 1293940

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

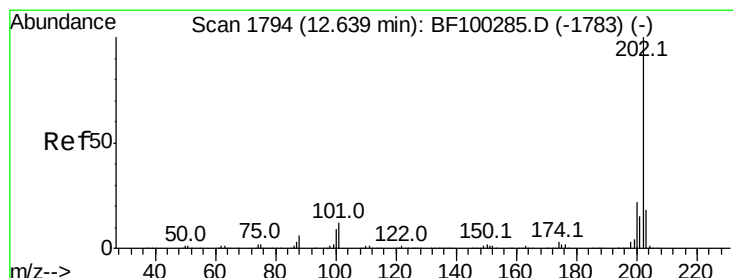
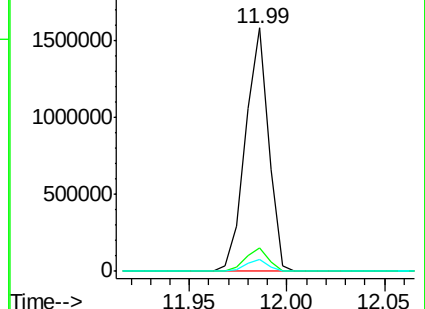
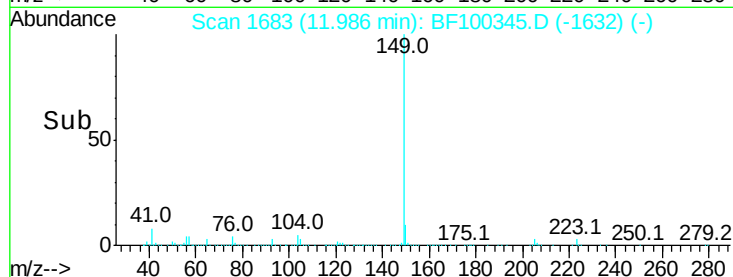
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.946 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

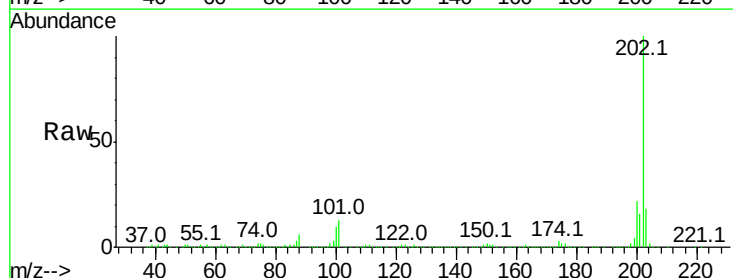
Tgt Ion:202 Resp: 1152573

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

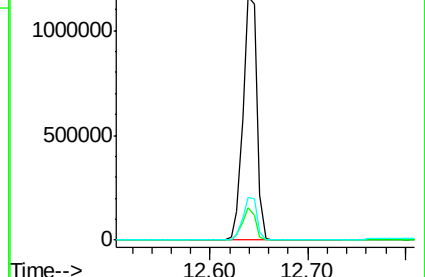
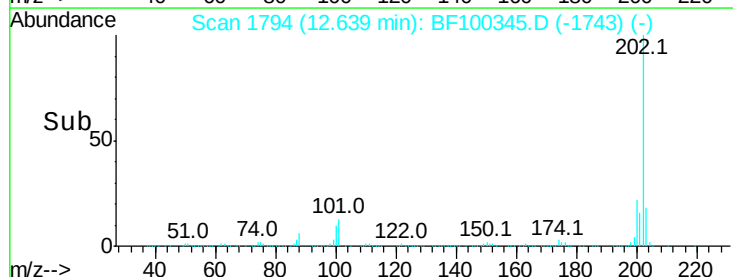
203 17.6 0.0 38.1

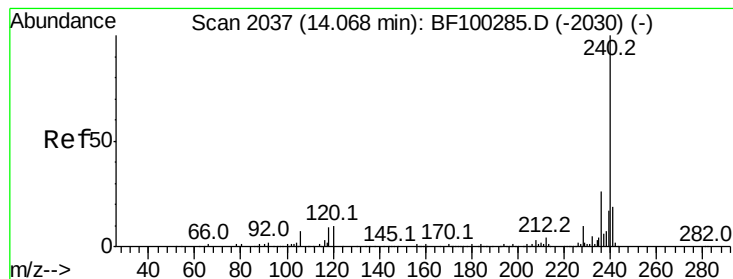


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

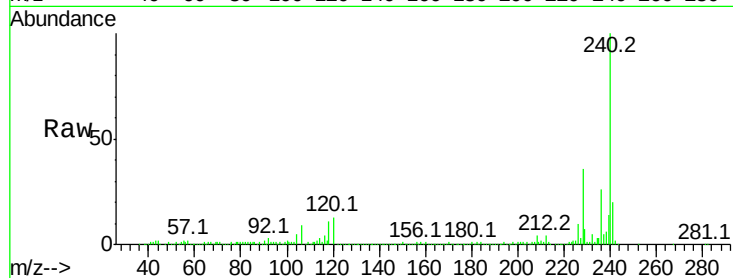
Tot Ion:240 Resp: 351231

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

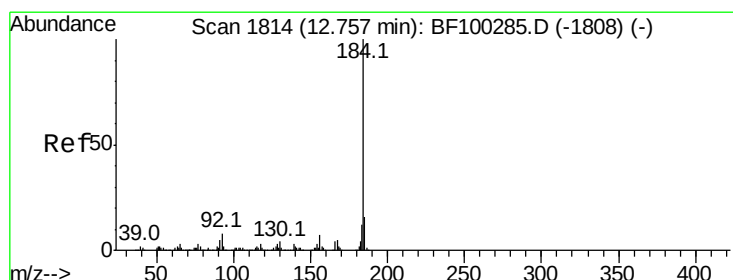
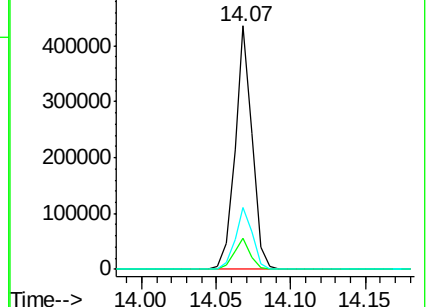
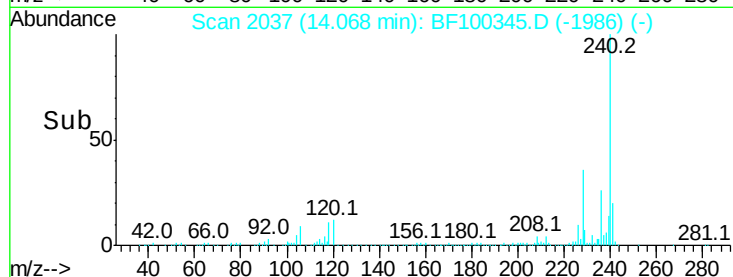
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.643 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

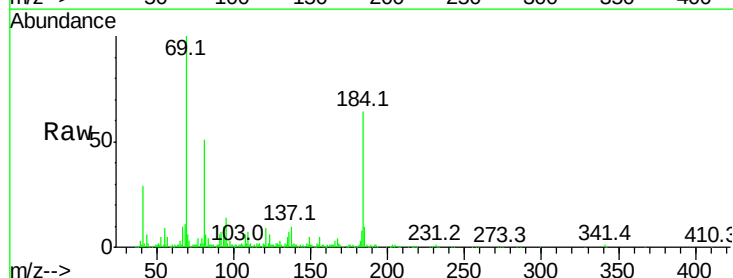
Tgt Ion:184 Resp: 205975

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

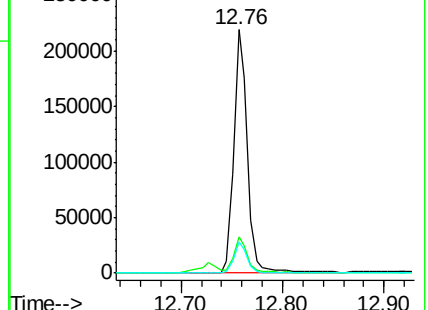
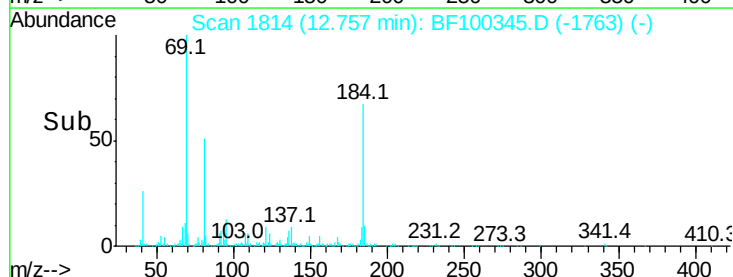
183 12.7 9.3 13.9

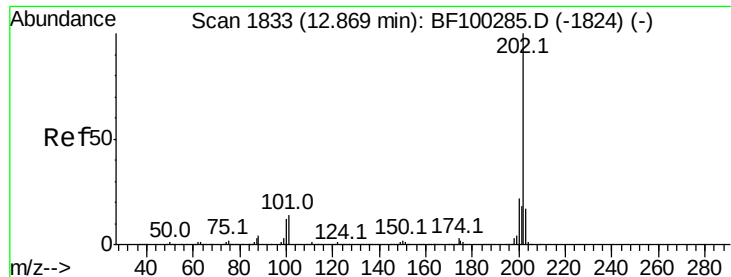


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.965 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

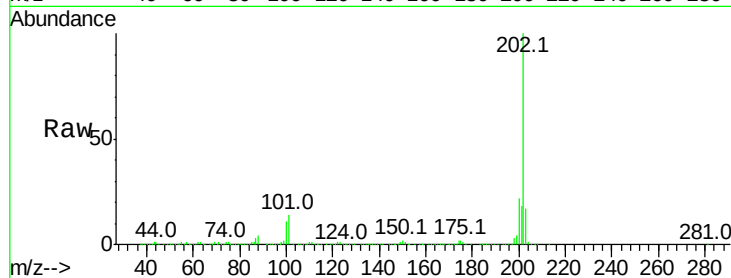
Tot Ion:202 Resp: 1175875

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

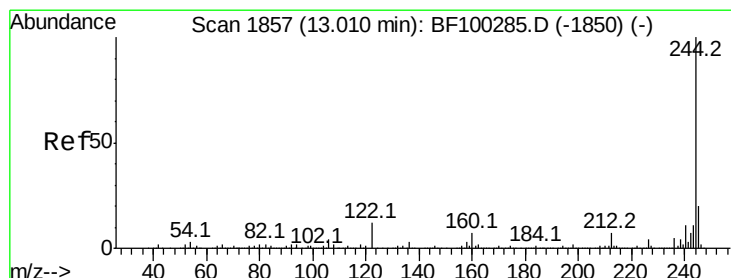
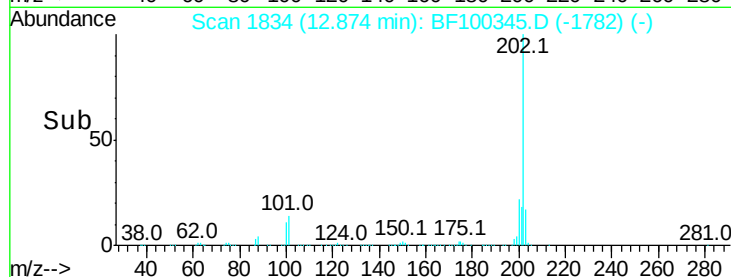
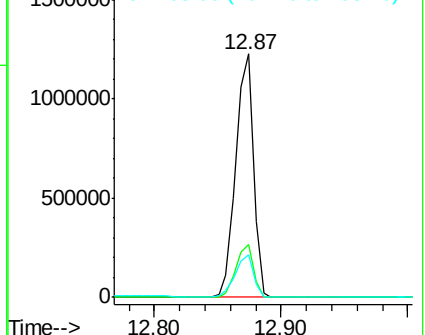
203 17.3 14.3 21.5



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



#78

Terphenyl-d14

Concen: 91.329 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

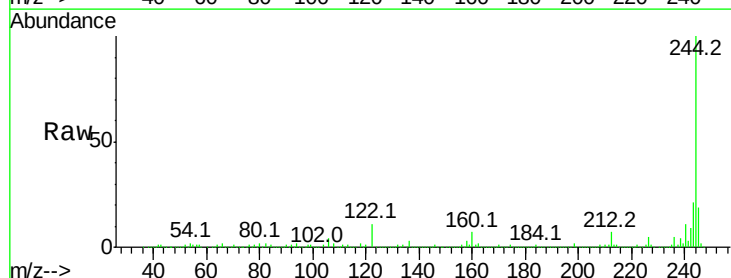
Tgt Ion:244 Resp: 1396070

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

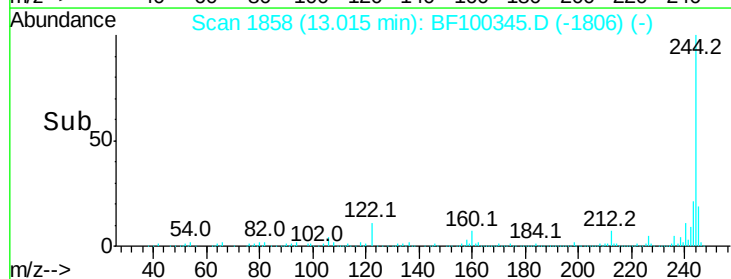
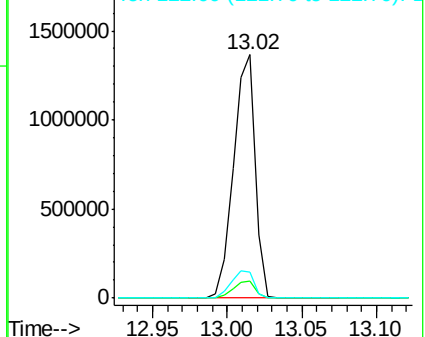
122 10.6 11.0 16.4#

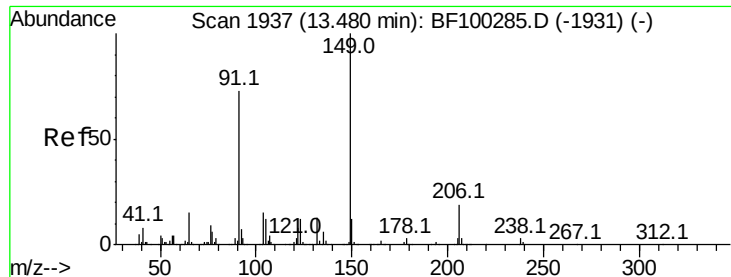


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

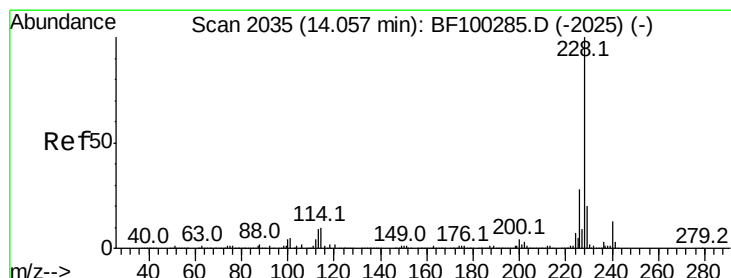
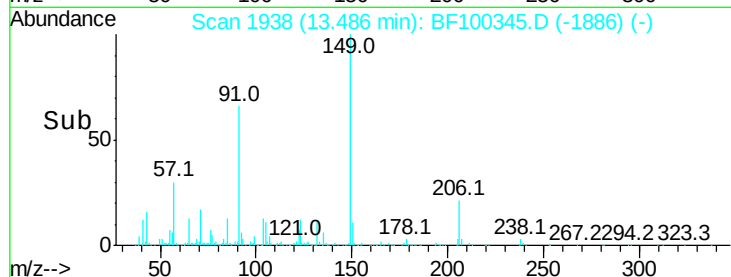
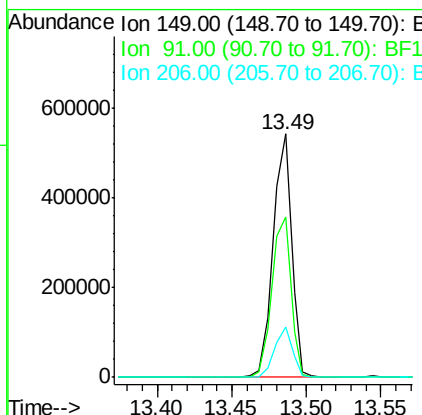
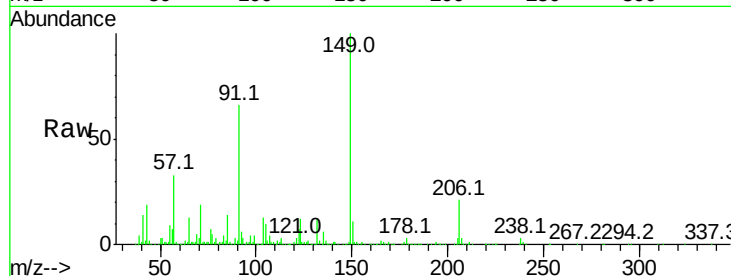




#79
Butylbenzylphthalate
Concen: 45.595 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

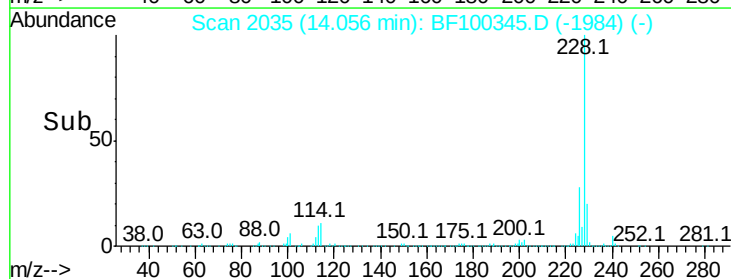
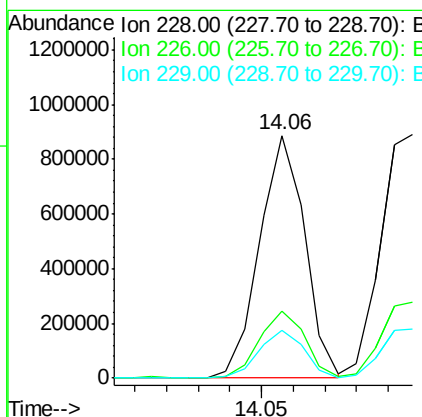
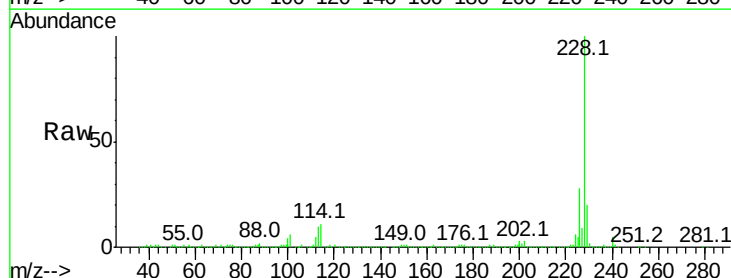
Instrument :
BNA_F
ClientSampleId :

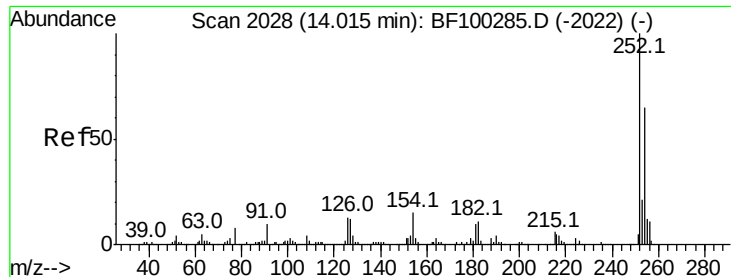
Tot Ion:149 Resp: 465546
Ion Ratio Lower Upper
149 100
91 66.1 56.8 85.2
206 20.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.647 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion:228 Resp: 880869
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.8 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 25.909 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

Instrument :

BNA_F

ClientSampleId :

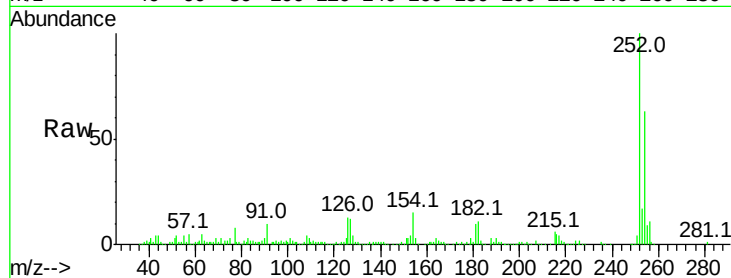
Tot Ion:252 Resp: 196344

Ion Ratio Lower Upper

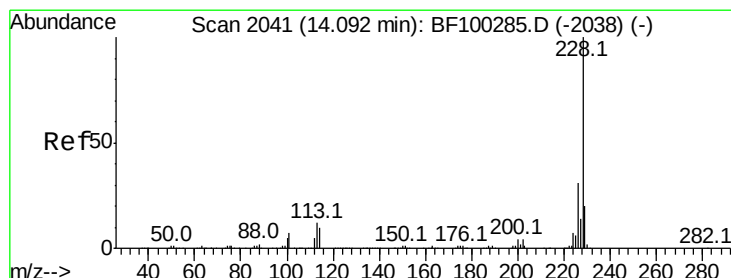
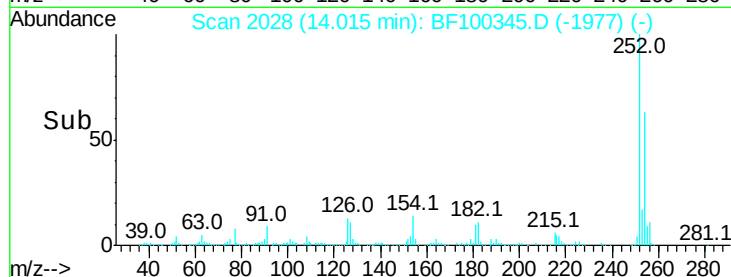
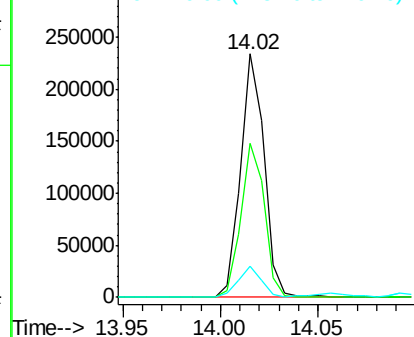
252 100

254 63.1 50.4 75.6

126 12.9 11.3 16.9



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



#82

Chrysene

Concen: 41.023 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BF100345.D

Acq: 9 Nov 2017 17:26

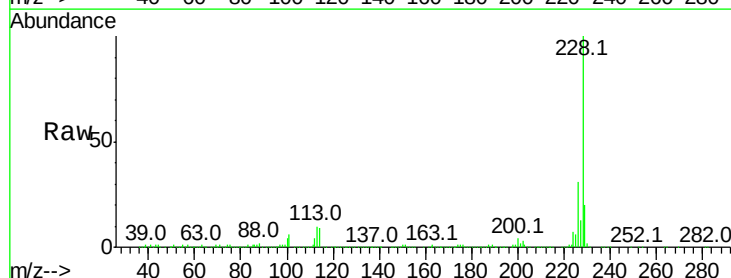
Tgt Ion:228 Resp: 840221

Ion Ratio Lower Upper

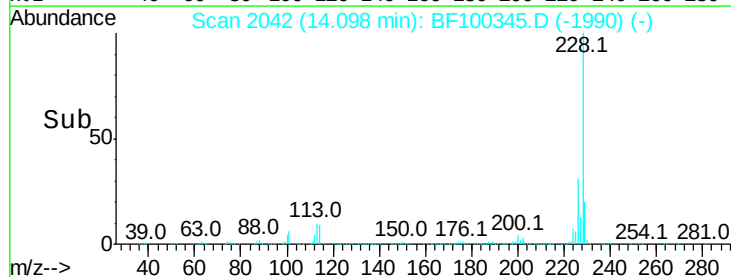
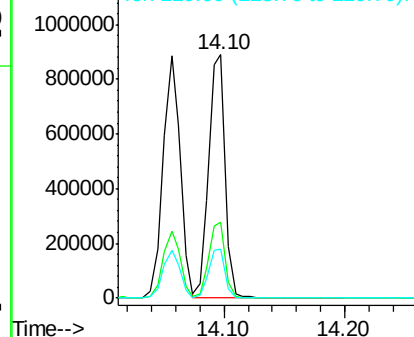
228 100

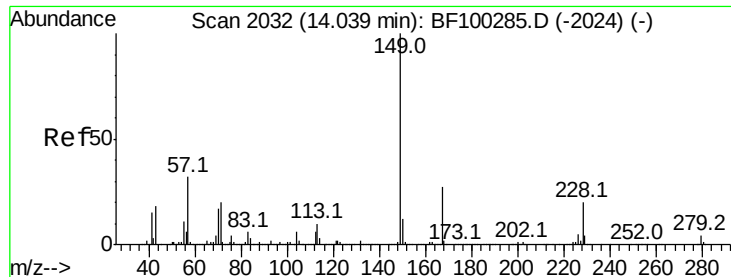
226 31.2 25.0 37.6

229 20.1 16.2 24.4



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

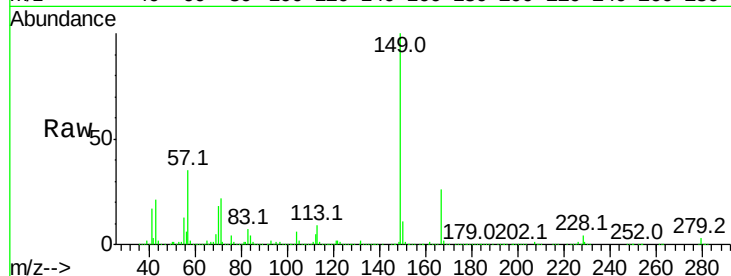




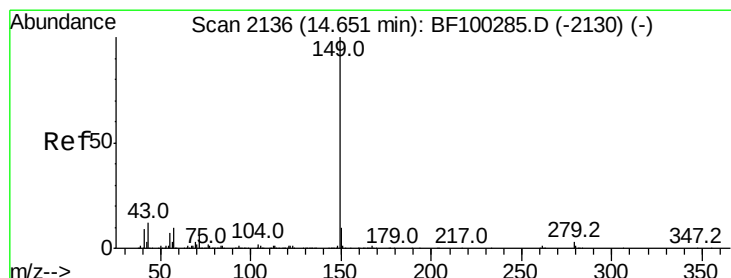
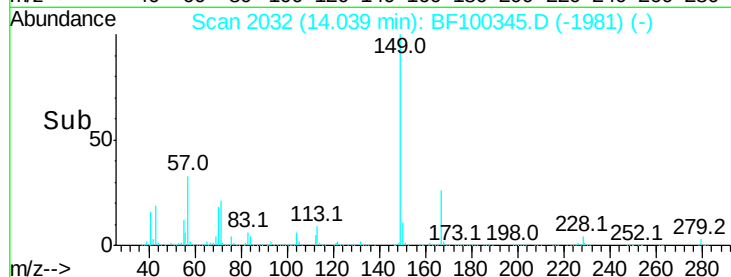
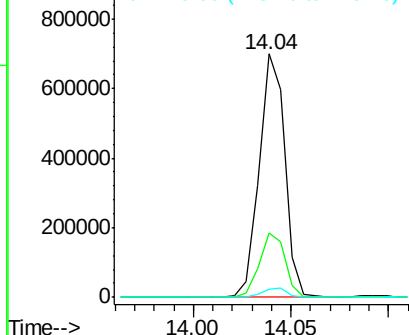
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.947 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.1	3.0	4.4

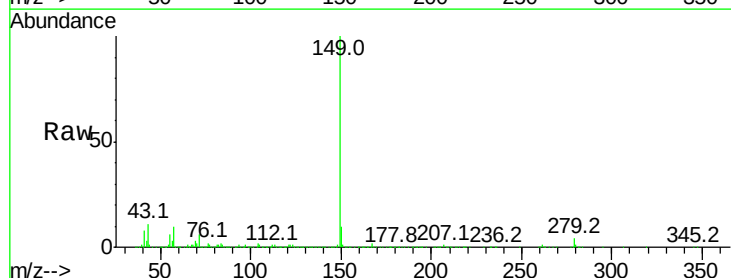


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

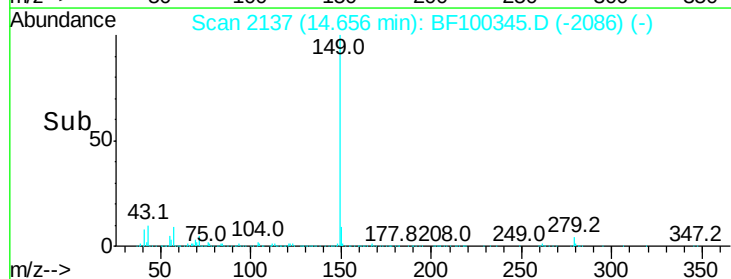
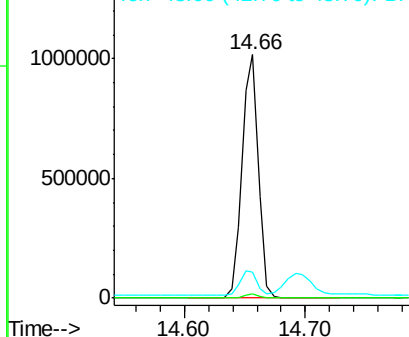


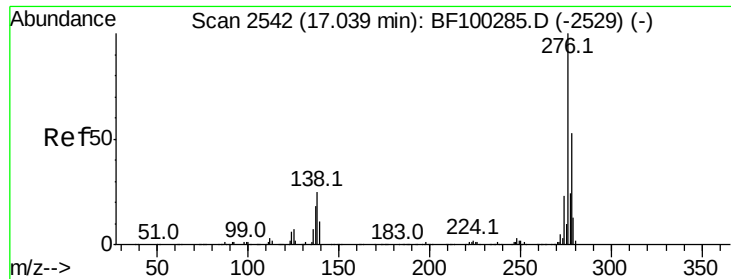
#84
 Di-n-octyl phthalate
 Concen: 41.419 ng
 RT: 14.66 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	11.6	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

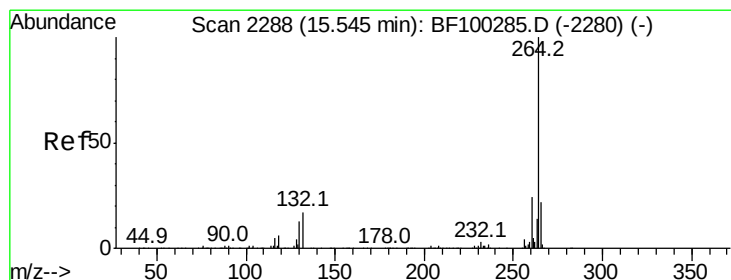
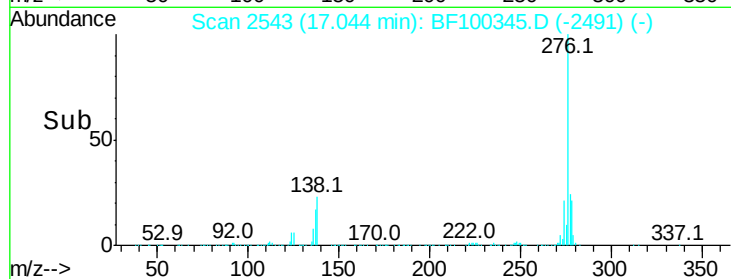
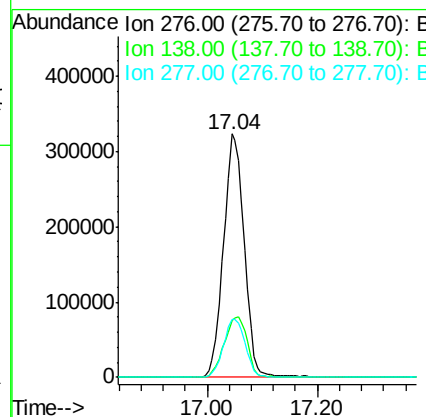
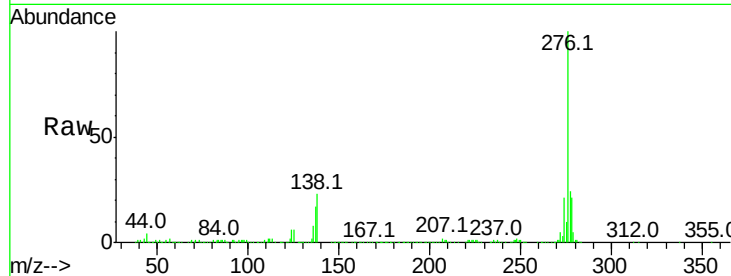




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.444 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

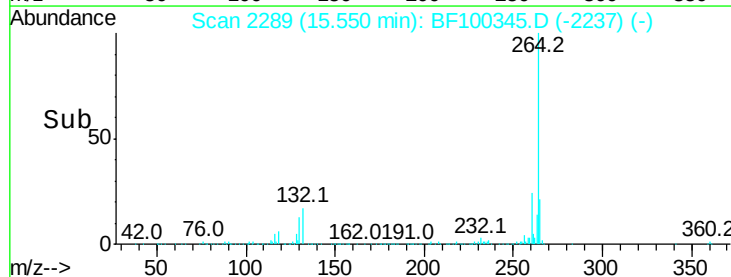
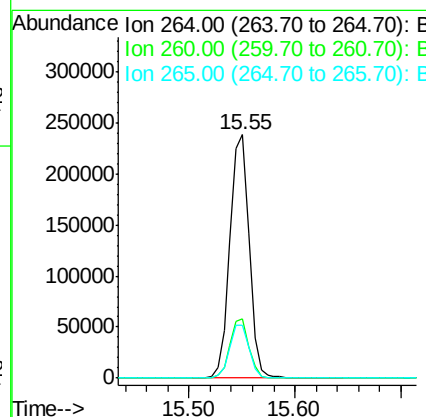
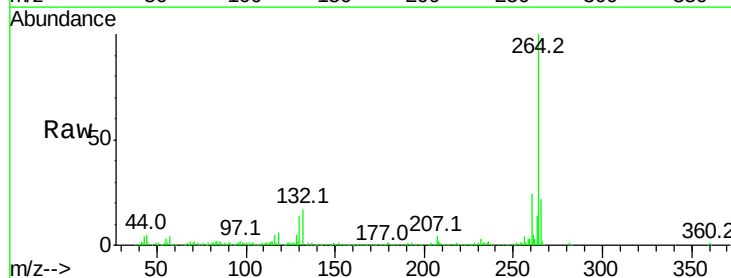
Instrument :
 BNA_F
 ClientSampleId :

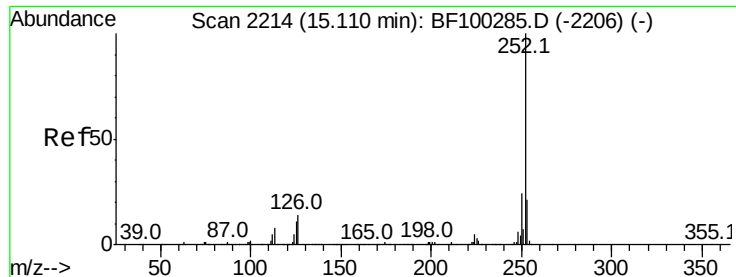
Tot Ion:276 Resp: 852253
 Ion Ratio Lower Upper
 276 100
 138 27.7 25.0 37.6
 277 25.3 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Tgt Ion:264 Resp: 303199
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.6 17.5 26.3

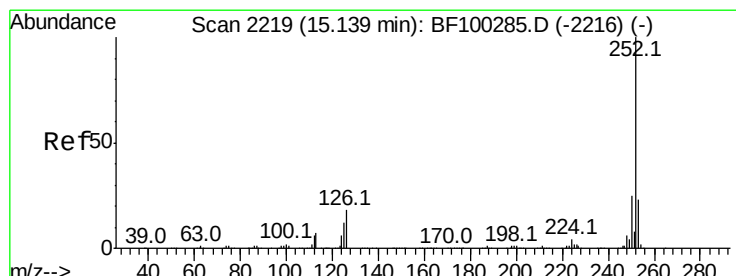
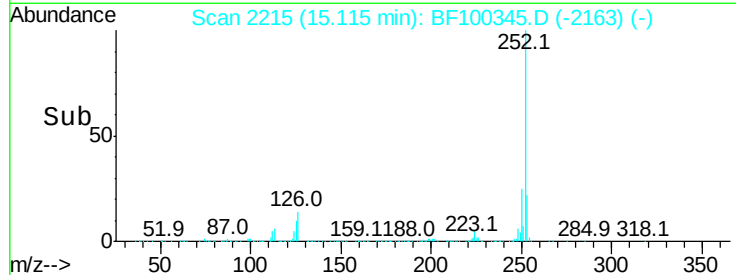
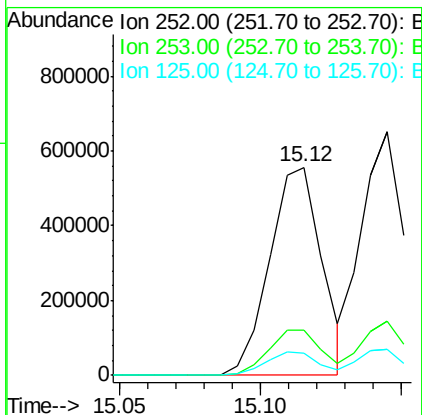
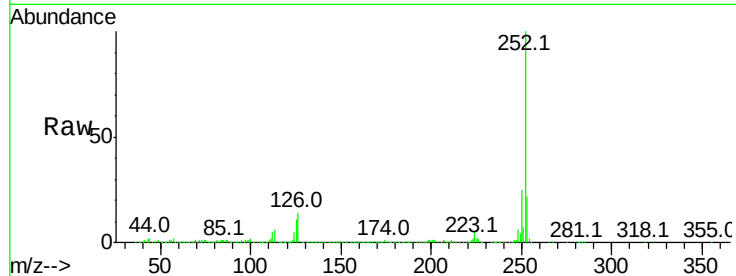




#87
Benzo(b)fluoranthene
Concen: 39.783 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

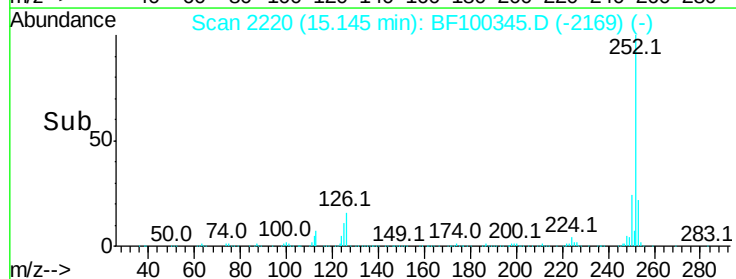
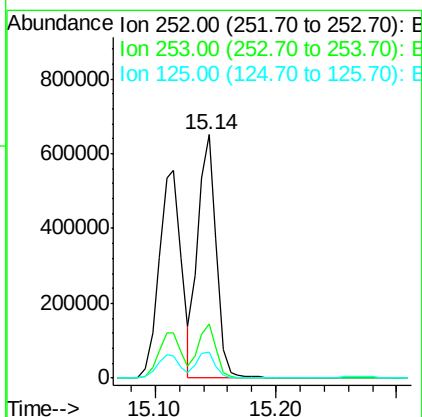
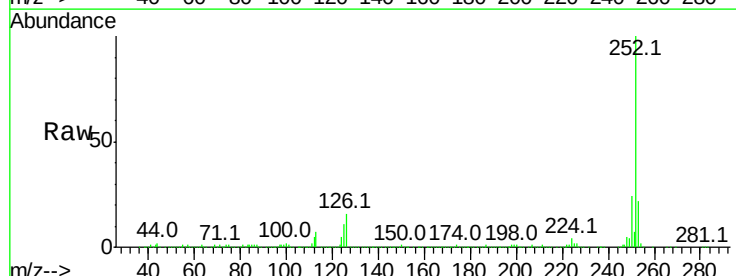
Instrument :
BNA_F
ClientSampleId :

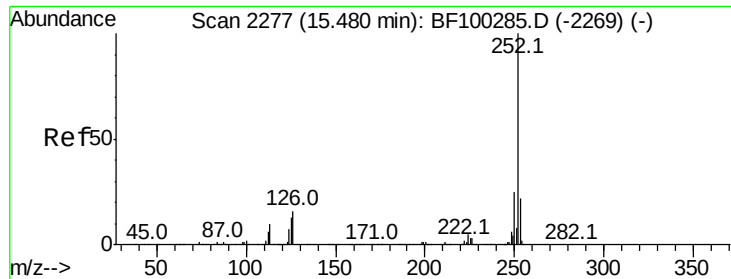
Tot Ion:252 Resp: 714611
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 10.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.657 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion:252 Resp: 690054
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.9 10.2 15.2

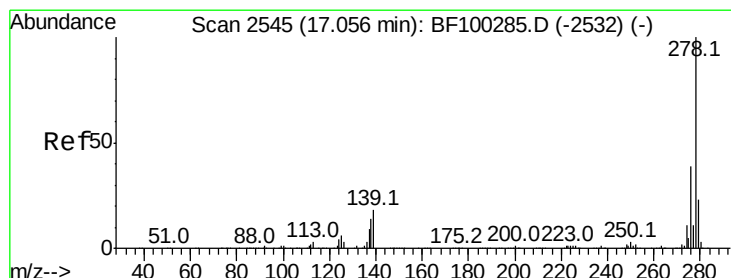
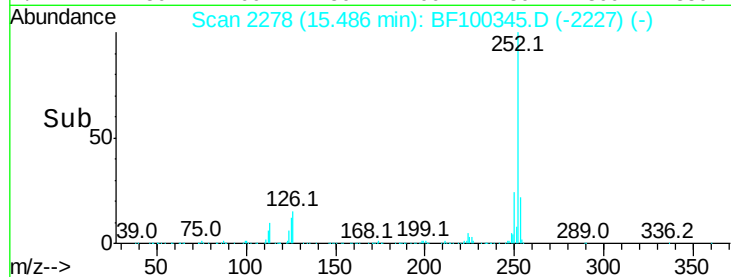
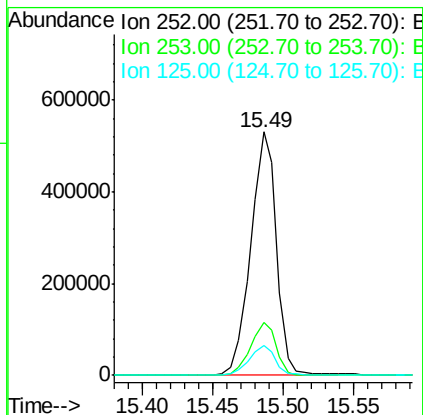
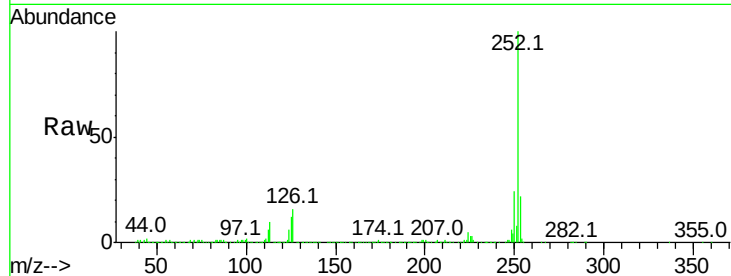




#89
Benzo(a)pyrene
Concen: 42.455 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

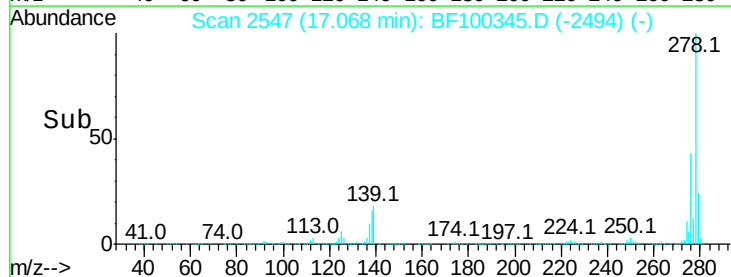
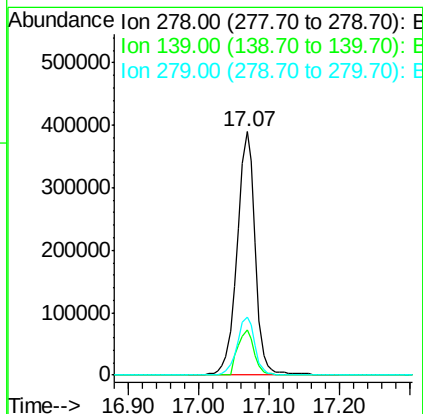
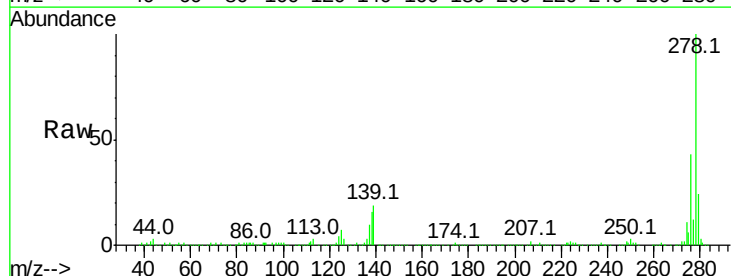
Instrument :
BNA_F
ClientSampleId :

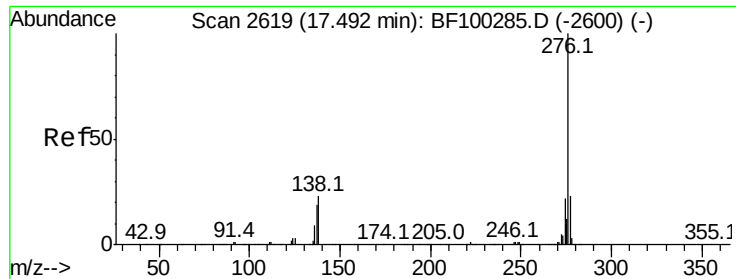
Tot Ion:252 Resp: 676085
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 12.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 53.318 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF100345.D
Acq: 9 Nov 2017 17:26

Tgt Ion:278 Resp: 694385
Ion Ratio Lower Upper
278 100
139 18.6 15.9 23.9
279 24.0 19.0 28.4

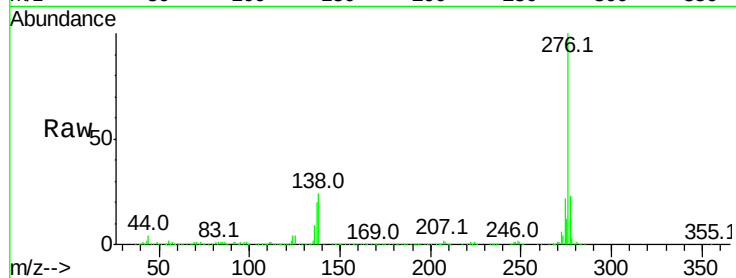




#91
 Benzo(a,h,i)perylene
 Concen: 57.366 ng
 RT: 17.50 min Scan# 2621
 Delta R.T. 0.01 min
 Lab File: BF100345.D
 Acq: 9 Nov 2017 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	23.9	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

