

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100382.D
 Acq On : 10 Nov 2017 11:11
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 10 15:44:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	159602	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	665171	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	316139	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	619979	20.00	ng	0.00
75) Chrysene-d12	14.07	240	478338	20.00	ng	0.00
86) Perylene-d12	15.54	264	398642	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	797361	80.08	ng	0.00
7) Phenol-d6	6.53	99	999220	81.38	ng	0.00
23) Nitrobenzene-d5	7.47	82	920451	91.49	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	274709	85.27	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1594986	76.82	ng	0.00
78) Terphenyl-d14	13.01	244	1605678	77.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	194928	40.174	ng	96
3) Pyridine	3.48	79	563160	42.542	ng	94
4) n-Nitrosodimethylamine	3.44	42	259149	40.321	ng	96
6) Aniline	6.57	93	709237	40.889	ng	99
8) 2-Chlorophenol	6.69	128	432715	41.082	ng	98
9) Benzaldehyde	6.46	77	350882	40.018	ng	98
10) Phenol	6.54	94	521821	40.486	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	441023	40.737	ng	97
12) 1,3-Dichlorobenzene	6.85	146	486057	40.025	ng	98
13) 1,4-Dichlorobenzene	6.92	146	491603	39.997	ng	97
14) 1,2-Dichlorobenzene	7.07	146	456001	40.126	ng	98
15) Benzyl Alcohol	7.04	79	405693	42.338	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	704989	40.715	ng	97
17) 2-Methylphenol	7.15	107	376837	41.865	ng	99
18) Hexachloroethane	7.42	117	168680	41.623	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	340871	40.033	ng	92
20) 3+4-Methylphenols	7.30	107	461049	40.477	ng	# 83
22) Acetophenone	7.32	105	624554	38.505	ng	# 99
24) Nitrobenzene	7.49	77	480799	46.430	ng	99
25) Isophorone	7.73	82	846086	40.018	ng	99
26) 2-Nitrophenol	7.80	139	240925	49.440	ng	98
27) 2,4-Dimethylphenol	7.83	122	389867	41.135	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	552233	39.931	ng	99
29) 2,4-Dichlorophenol	8.04	162	380229	42.024	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	394191	40.276	ng	95
31) Naphthalene	8.21	128	1259377	39.309	ng	99
32) Benzoic acid	7.95	122	263382	38.576	ng	96
33) 4-Chloroaniline	8.25	127	553182	41.481	ng	98
34) Hexachlorobutadiene	8.32	225	229174	39.383	ng	98
35) Caprolactam	8.63	113	131261	42.273	ng	# 83
36) 4-Chloro-3-methylphenol	8.73	107	400923	41.258	ng	99
37) 2-Methylnaphthalene	8.90	142	833347	39.179	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	428592	40.878	ng	97
40) Hexachlorocyclopentadiene	9.05	237	227813	46.166	ng	97

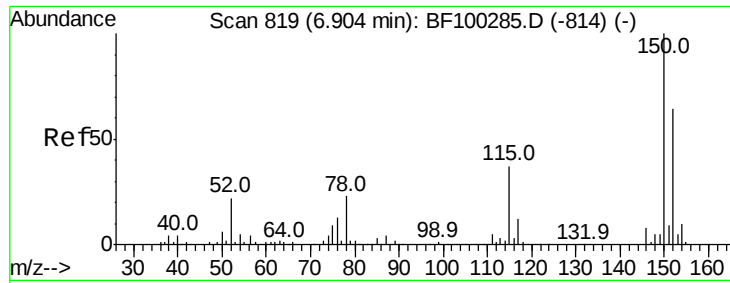
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100382.D
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 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	284266	42.778	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	306851	44.569	ng	93
45) 1,1'-Biphenyl	9.36	154	1081736	39.562	ng	99
46) 2-Chloronaphthalene	9.39	162	804958	40.580	ng	98
47) 2-Nitroaniline	9.48	65	278194	47.494	ng	92
48) Acenaphthylene	9.80	152	1313375	39.953	ng	99
49) Dimethylphthalate	9.66	163	963337	39.910	ng	99
50) 2,6-Dinitrotoluene	9.72	165	215645	45.134	ng	96
51) Acenaphthene	9.97	154	822606	41.145	ng	99
52) 3-Nitroaniline	9.89	138	258443	45.807	ng	98
53) 2,4-Dinitrophenol	9.99	184	107806	59.479	ng	# 20
54) Dibenzofuran	10.15	168	1117143	39.868	ng	98
55) 4-Nitrophenol	10.04	139	208997	45.620	ng	96
56) 2,4-Dinitrotoluene	10.13	165	286691	47.564	ng	87
57) Fluorene	10.49	166	827166	40.296	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	234532	41.565	ng	90
59) Diethylphthalate	10.36	149	958148	39.667	ng	96
60) 4-Chlorophenyl-phenylether	10.48	204	406548	40.372	ng	93
61) 4-Nitroaniline	10.51	138	247565	46.275	ng	95
62) Azobenzene	10.64	77	912772	40.121	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	170750	53.378	ng	83
65) n-Nitrosodiphenylamine	10.60	169	851237	39.487	ng	96
66) 4-Bromophenyl-phenylether	10.97	248	268351	40.377	ng	90
67) Hexachlorobenzene	11.03	284	284137	40.877	ng	93
68) Atrazine	11.13	200	264814	40.582	ng	97
69) Pentachlorophenol	11.23	266	212684	42.671	ng	98
70) Phenanthrene	11.46	178	1262768	38.685	ng	99
71) Anthracene	11.50	178	1291074	38.984	ng	100
72) Carbazole	11.66	167	1192432	39.022	ng	99
73) Di-n-butylphthalate	11.99	149	1462702	40.903	ng	98
74) Fluoranthene	12.64	202	1350531	39.038	ng	98
76) Benzidine	12.76	184	733945	38.313	ng	100
77) Pyrene	12.87	202	1373135	40.270	ng	99
79) Butylbenzylphthalate	13.49	149	606116	43.588	ng	# 92
80) Benzo(a)anthracene	14.06	228	1174316	40.767	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	430892	41.751	ng	# 96
82) Chrysene	14.10	228	1103588	39.564	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	817192	44.682	ng	100
84) Di-n-octyl phthalate	14.65	149	1326441	42.217	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	854832	37.888	ng	96
87) Benzo(b)fluoranthene	15.11	252	1008863	42.717	ng	99
88) Benzo(k)fluoranthene	15.14	252	936399	41.963	ng	98
89) Benzo(a)pyrene	15.49	252	869263	41.517	ng	99
90) Dibenzo(a,h)anthracene	17.06	278	715756	41.801	ng	97
91) Benzo(g,h,i)perylene	17.50	276	704130	42.009	ng	95

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

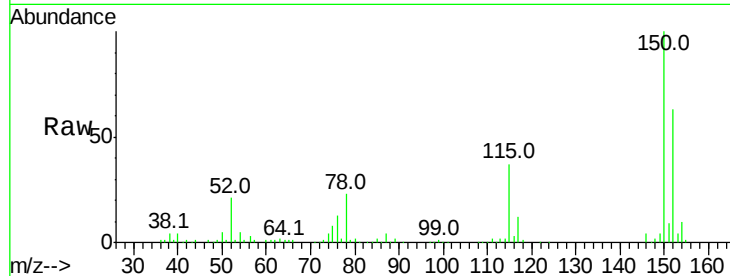


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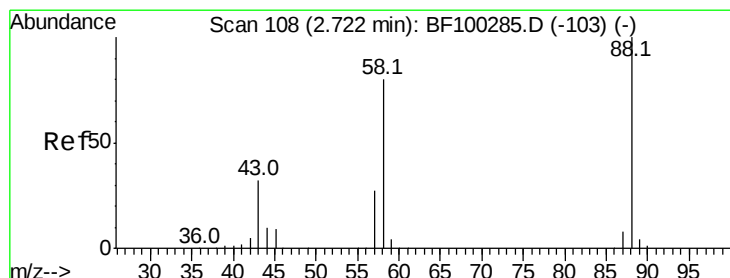
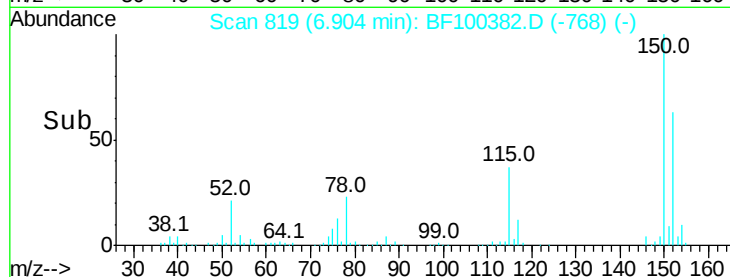
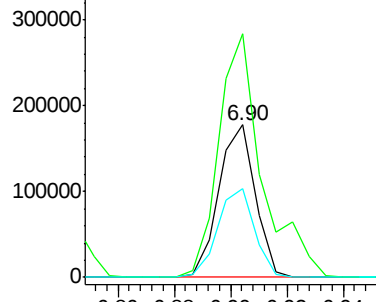
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	58.3	50.1	75.1



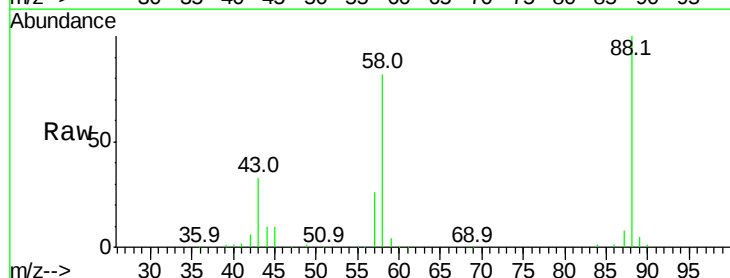
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



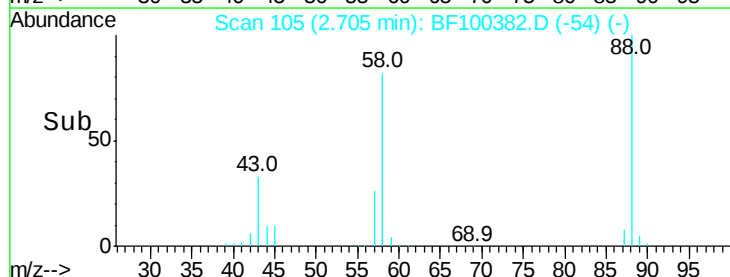
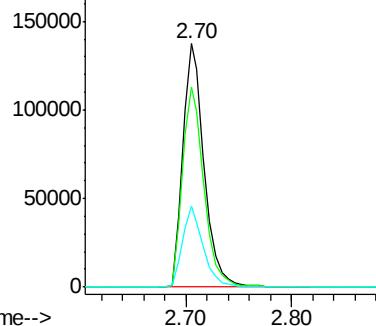
#2

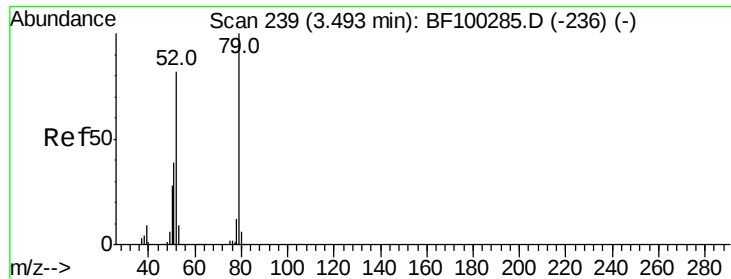
1,4-Dioxane
Concen: 40.174 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.6	62.6	93.8
43	32.2	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

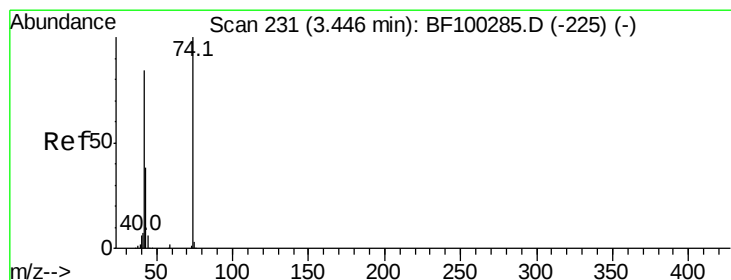
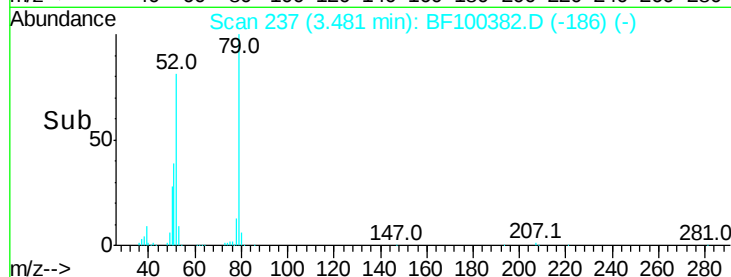
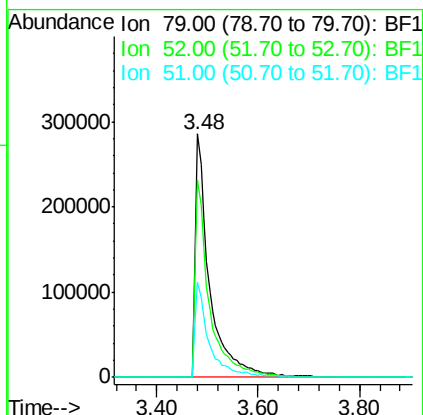
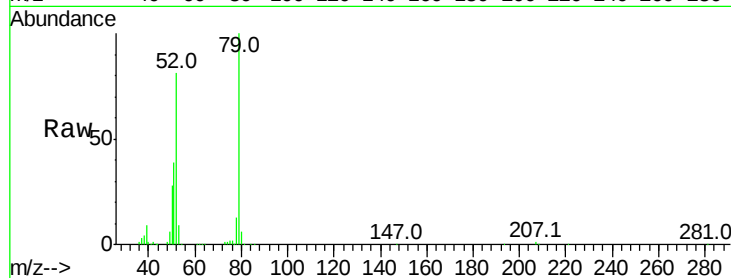




#3
 Pvridine
 Concen: 42.542 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

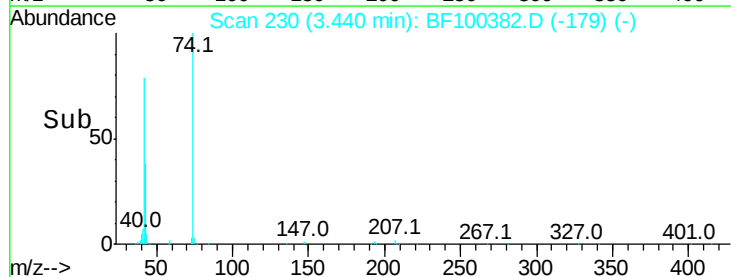
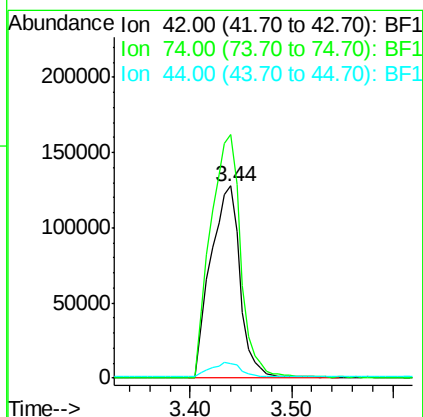
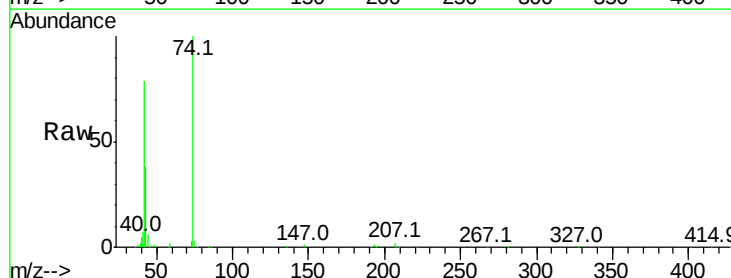
Instrument :
 BNA_F
 ClientSampleId :

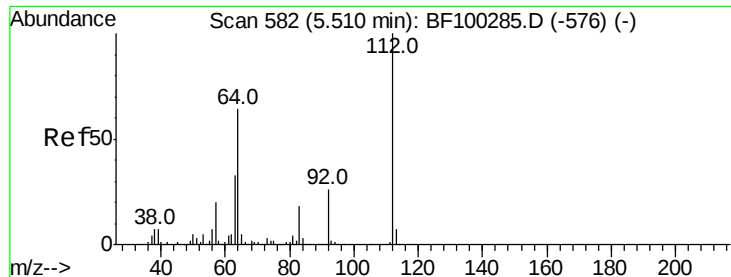
Tot Ion: 79 Resp: 563160
 Ion Ratio Lower Upper
 79 100
 52 81.3 59.8 89.6
 51 38.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 40.321 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion: 42 Resp: 259149
 Ion Ratio Lower Upper
 42 100
 74 126.8 104.9 157.3
 44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 80.084 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampleId :

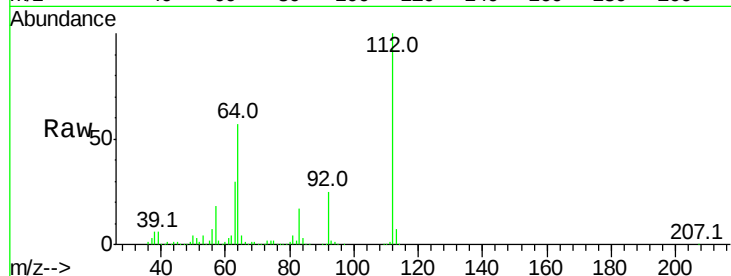
Tot Ion:112 Resp: 797361

Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

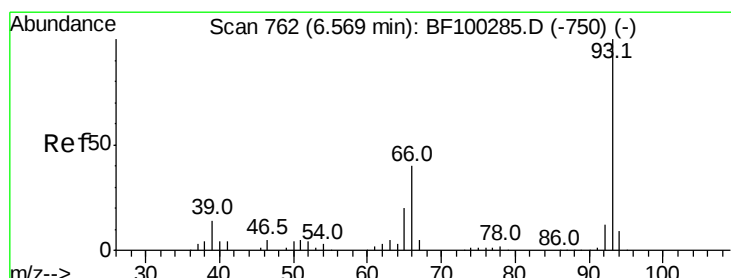
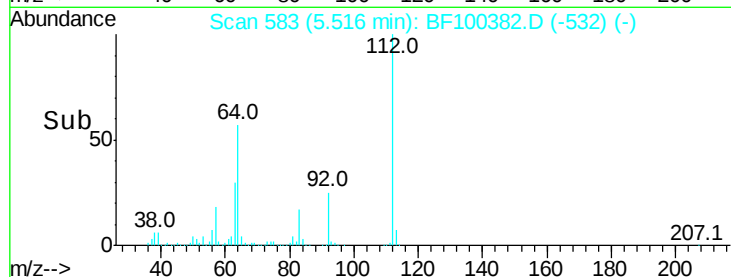
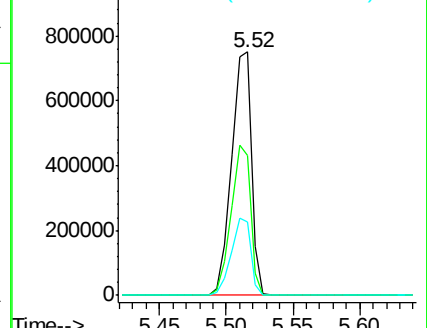
63 30.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.889 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

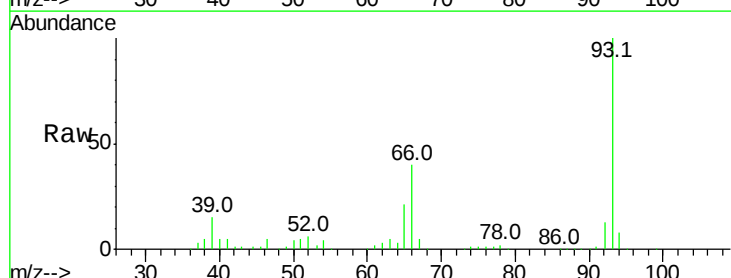
Tgt Ion: 93 Resp: 709237

Ion Ratio Lower Upper

93 100

66 40.4 32.2 48.2

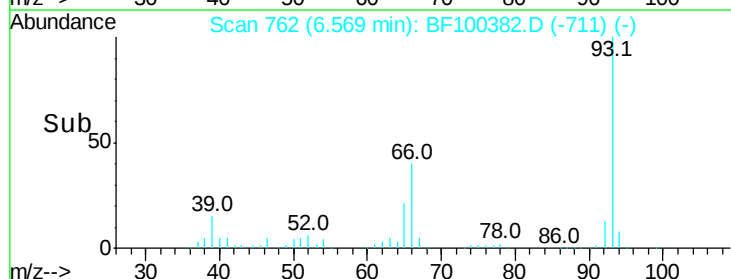
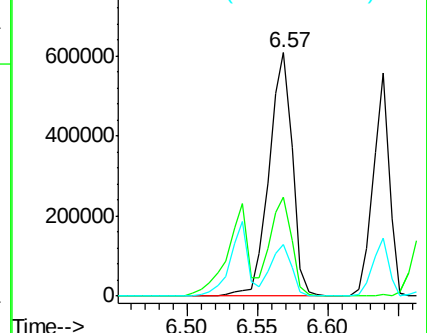
65 21.0 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.385 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampled :

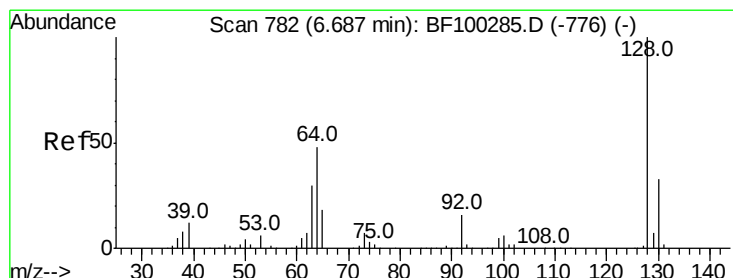
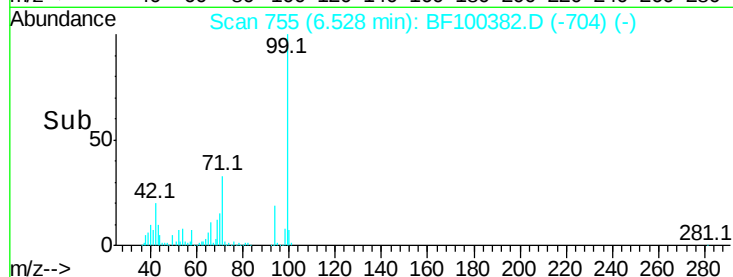
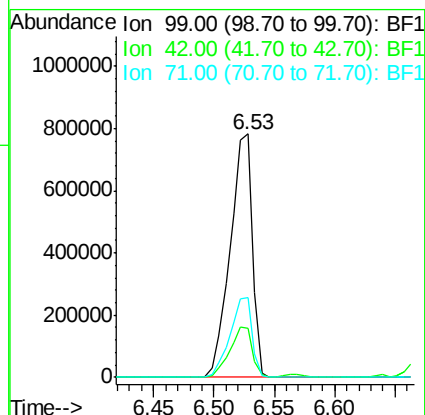
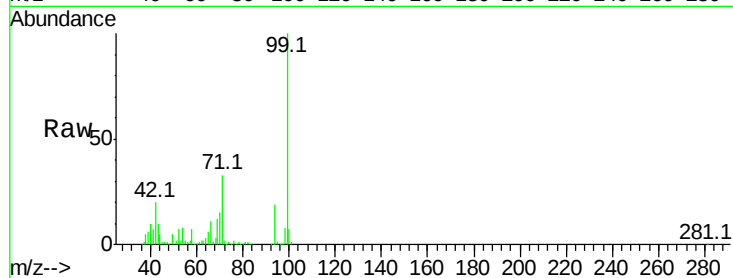
Tot Ion: 99 Resp: 999220

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 32.5 25.4 38.0



#8

2-Chlorophenol

Concen: 41.082 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

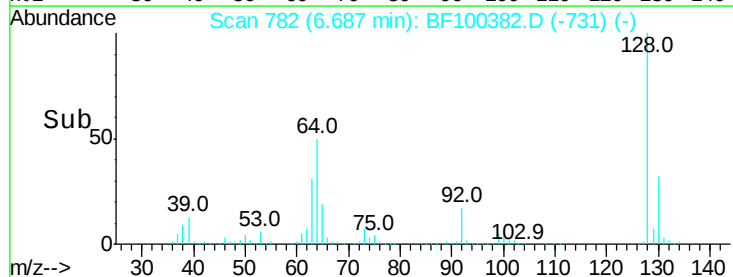
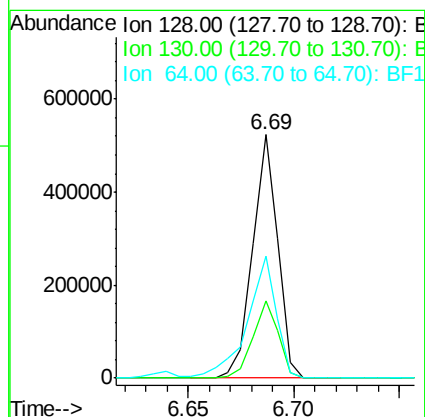
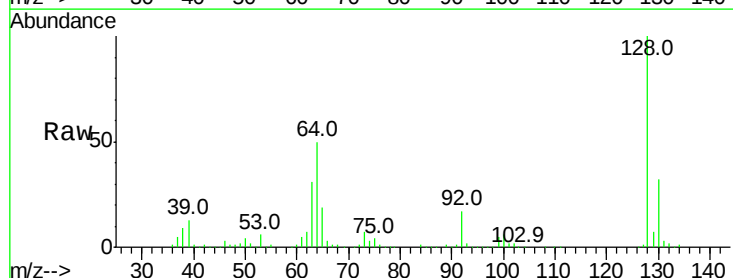
Tgt Ion: 128 Resp: 432715

Ion Ratio Lower Upper

128 100

130 31.7 13.0 53.0

64 50.1 29.4 69.4





#9

Benzaldehyde

Concen: 40.018 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampled :

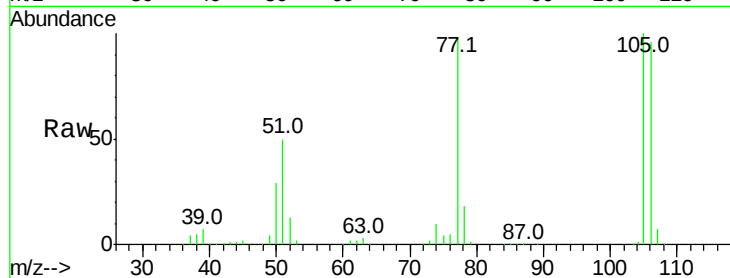
Tot Ion: 77 Resp: 350882

Ion Ratio Lower Upper

77 100

105 101.5 81.1 121.1

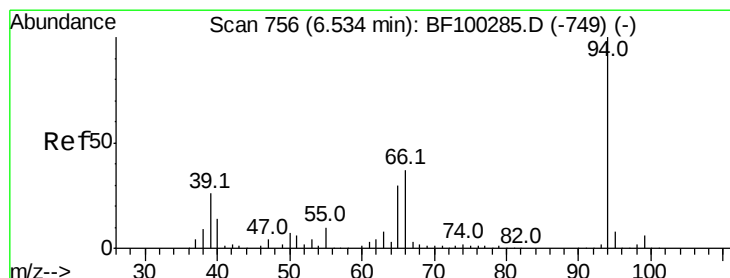
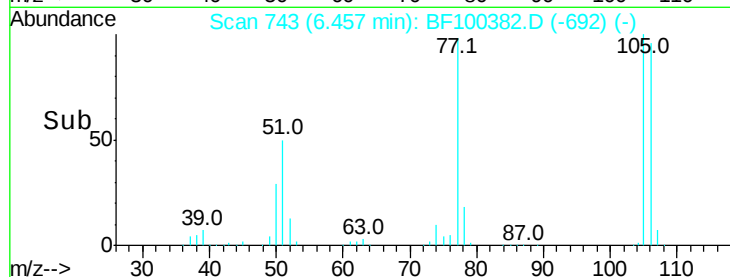
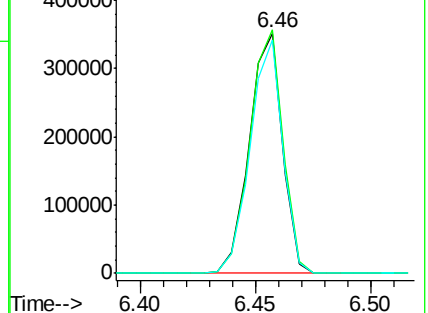
106 97.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.486 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

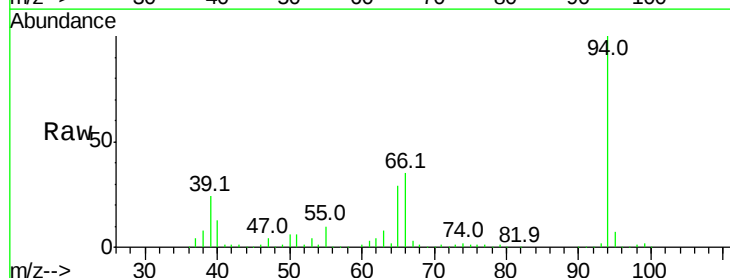
Tgt Ion: 94 Resp: 521821

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

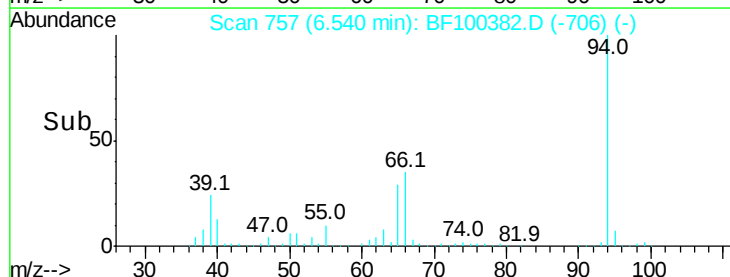
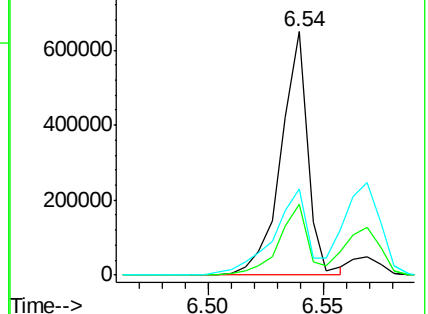
66 35.5 16.2 56.2



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: 40.737 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampleId :

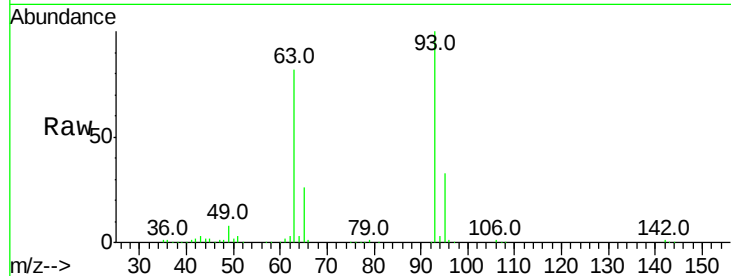
Tot Ion: 93 Resp: 441023

Ion Ratio Lower Upper

93 100

63 81.5 58.6 98.6

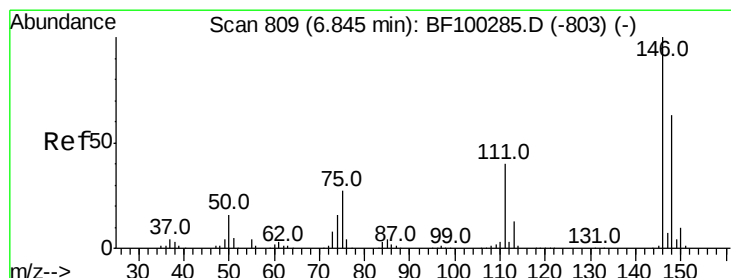
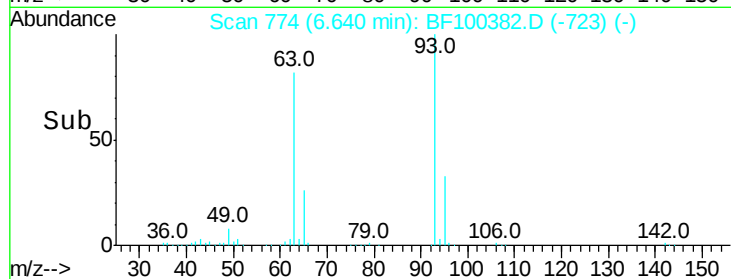
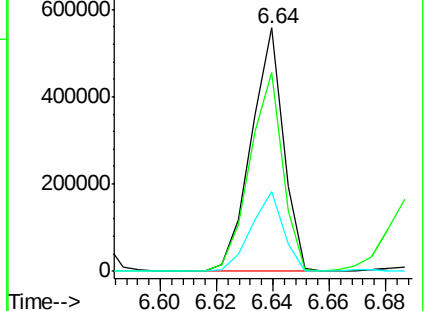
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.025 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

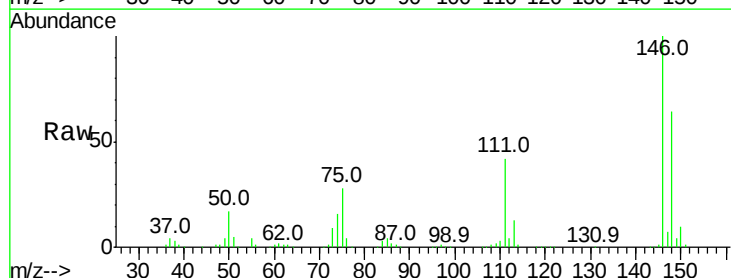
Tgt Ion: 146 Resp: 486057

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

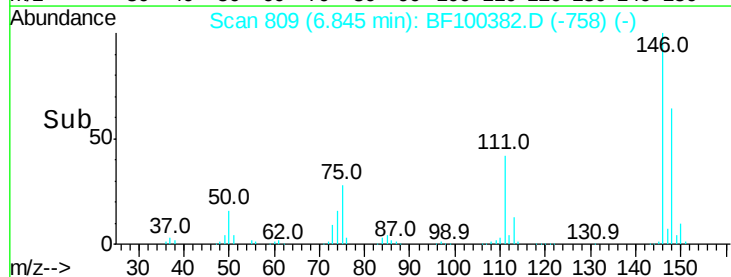
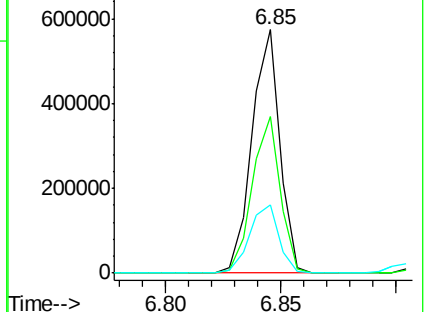
75 28.0 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

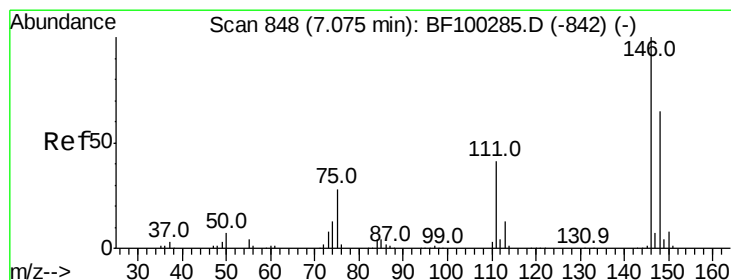
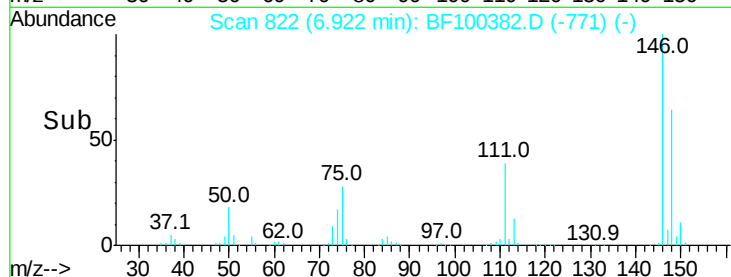
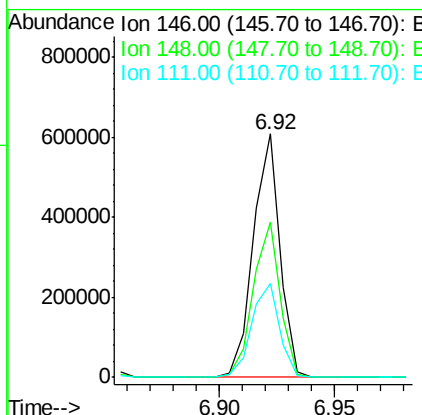
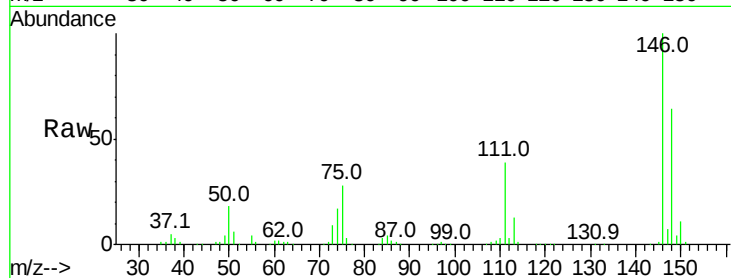




#13
 1,4-Dichlorobenzene
 Concen: 39.997 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

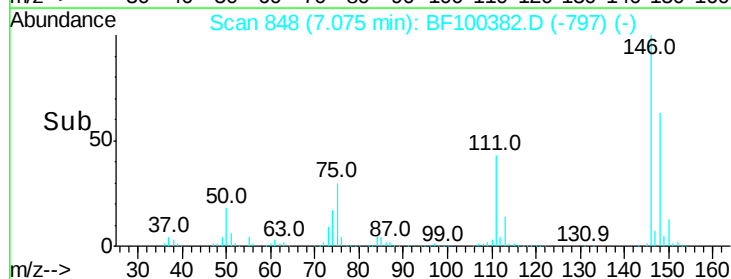
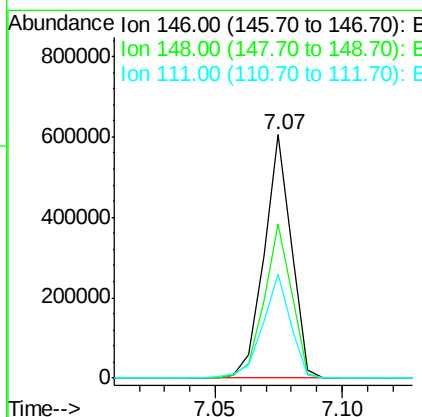
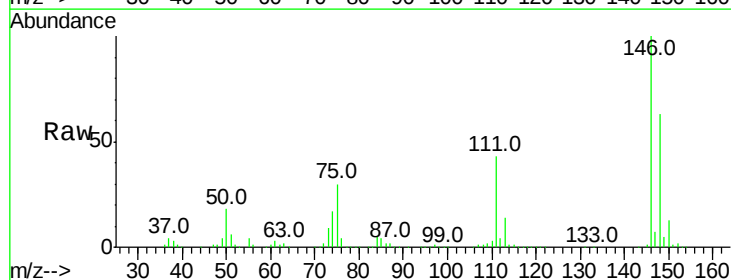
Instrument :
 BNA_F
 ClientSampleId :

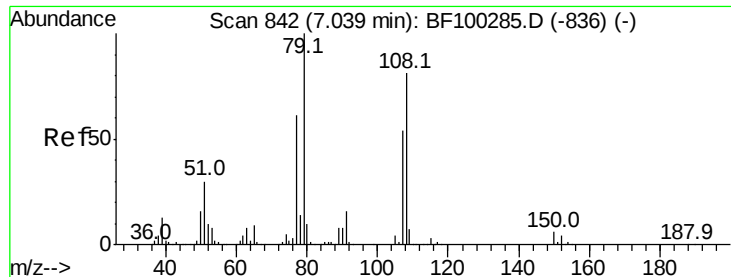
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	38.6	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.126 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	42.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.338 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampled :

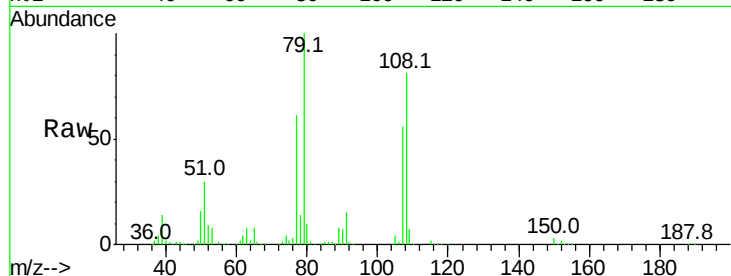
Tot Ion: 79 Resp: 405693

Ion Ratio Lower Upper

79 100

108 81.3 65.1 97.7

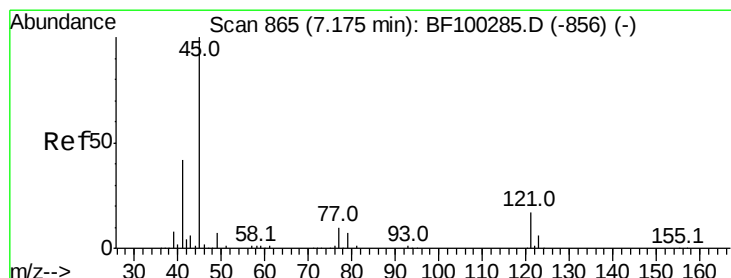
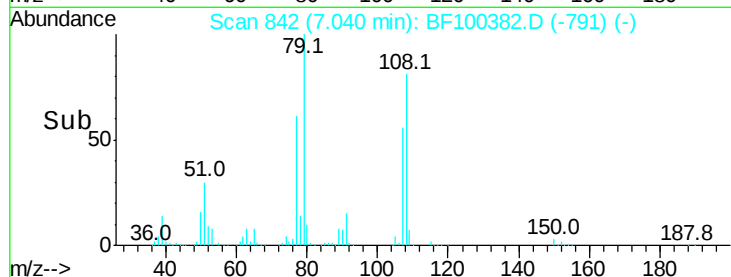
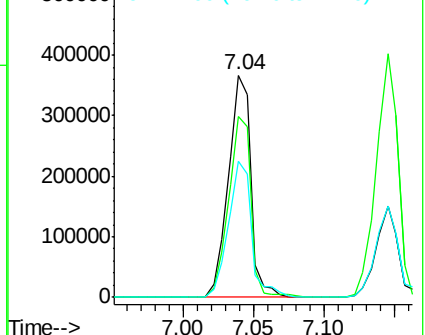
77 61.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.715 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

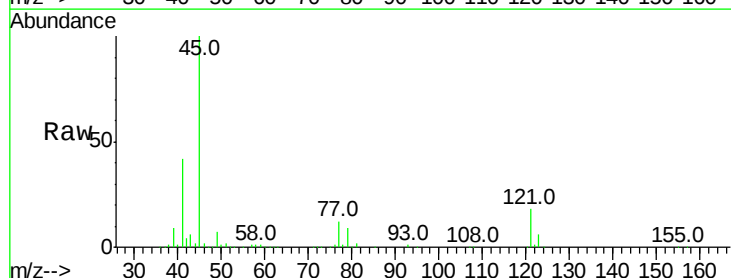
Tgt Ion: 45 Resp: 704989

Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

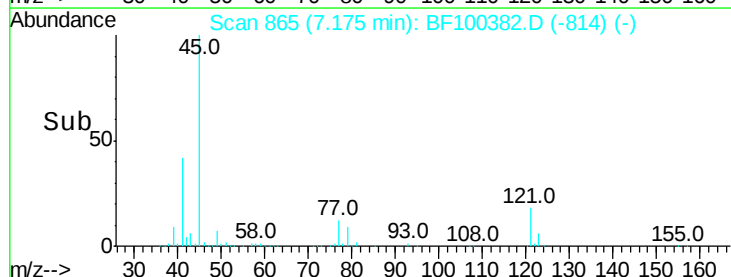
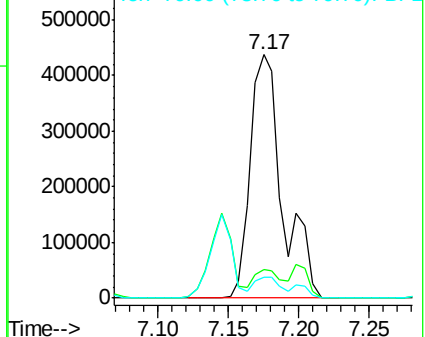
79 8.7 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

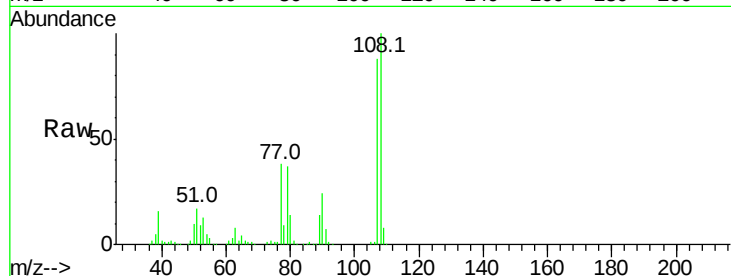




#17
2-Methylphenol
Concen: 41.865 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	91.7	137.5
77	42.9	33.8	50.8
79	42.6	33.8	50.8



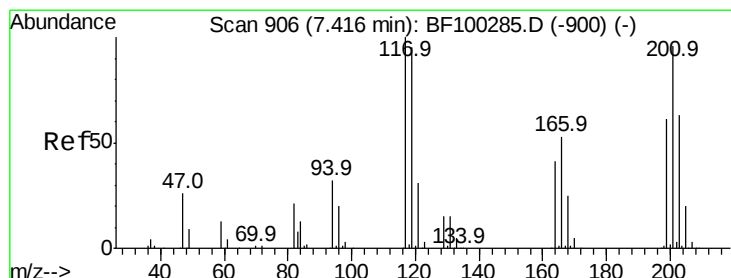
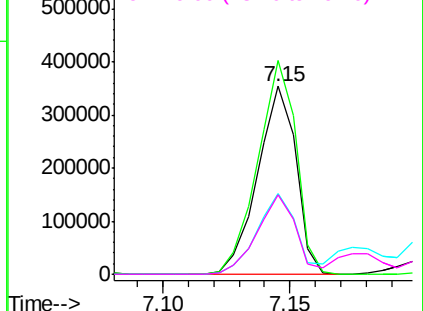
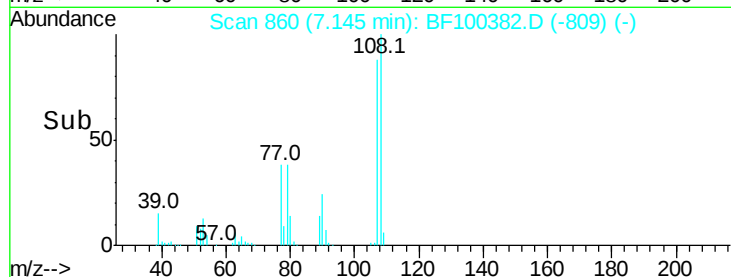
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

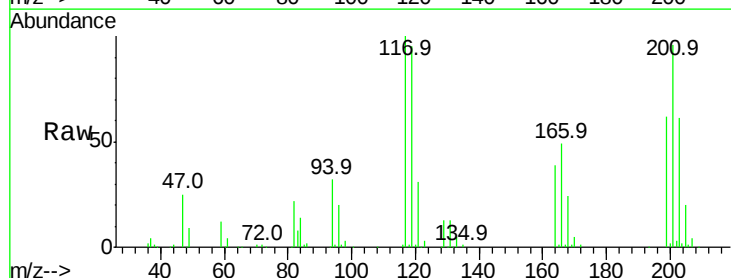
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.623 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.8	113.8
201	96.4	75.7	113.5

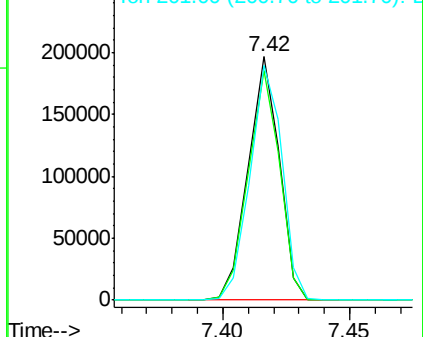
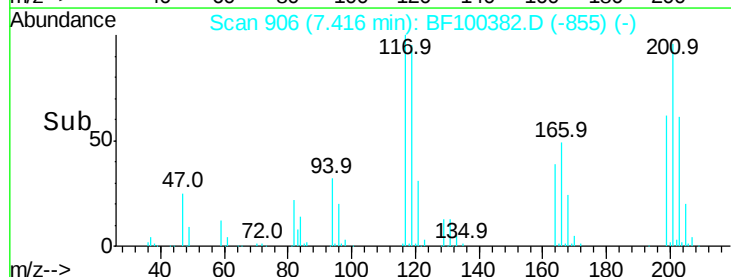


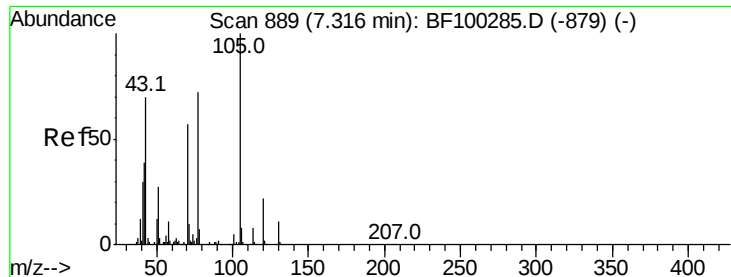
Abundance

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

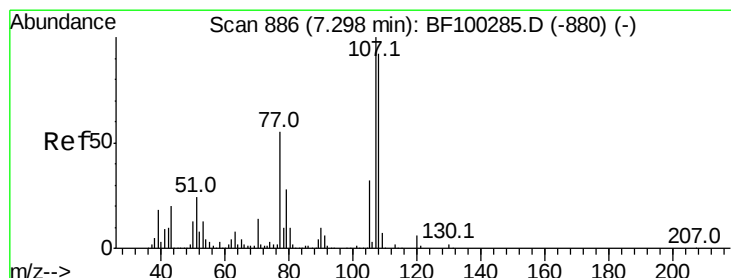
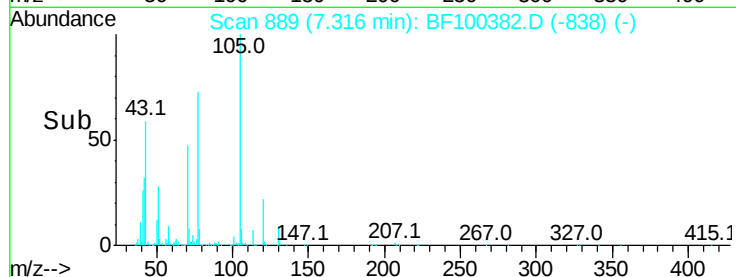
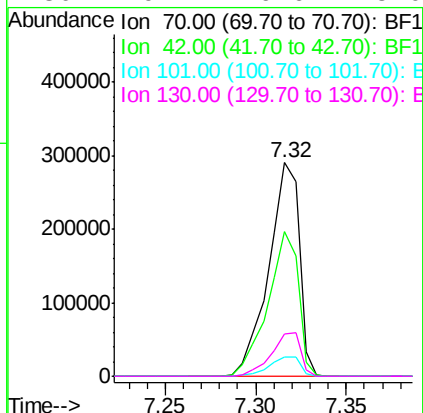
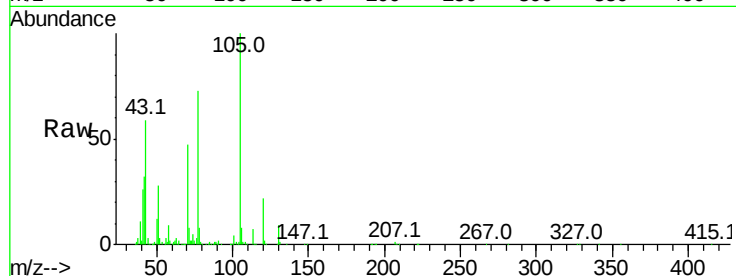




#19
n-Nitroso-di-n-propylamine
Concen: 40.033 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

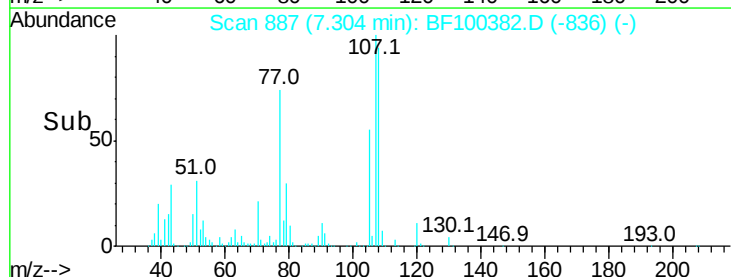
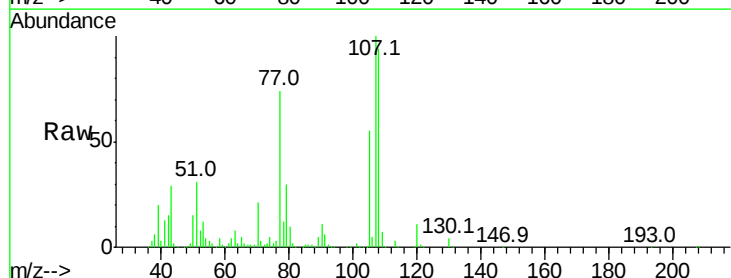
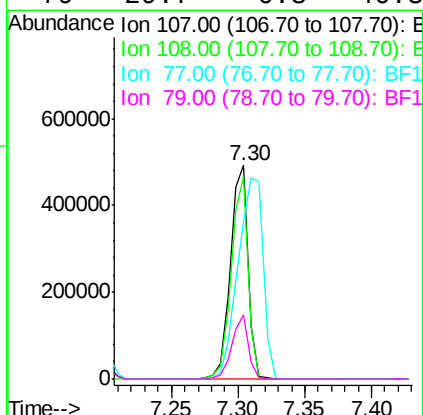
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.7	47.5	71.3
101	9.2	7.4	11.2
130	19.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.477 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.4	68.2	108.2
77	73.7	26.7	66.7#
79	29.7	6.3	46.3

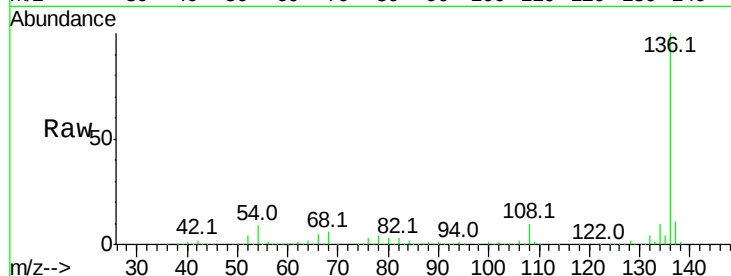




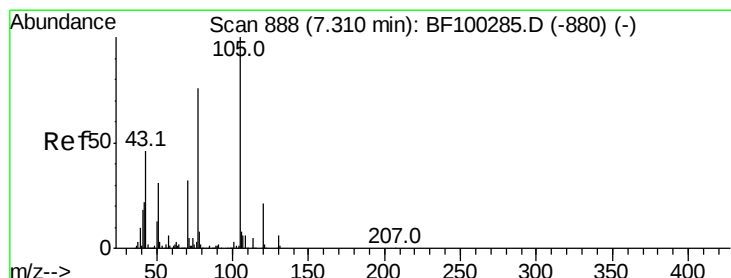
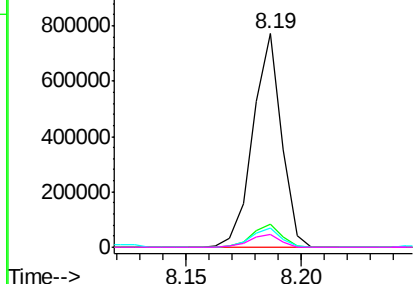
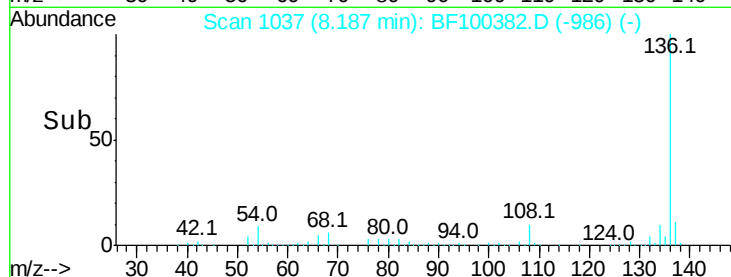
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 665171
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 8.7	6.6 9.8
68 6.3	5.0 7.4

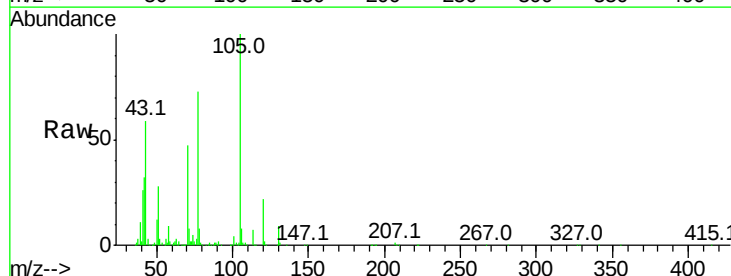


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

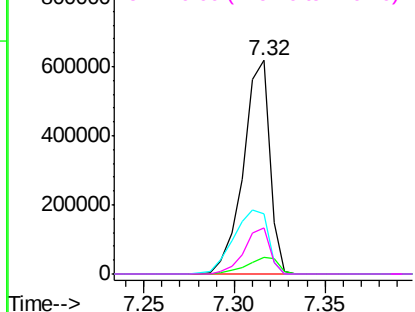
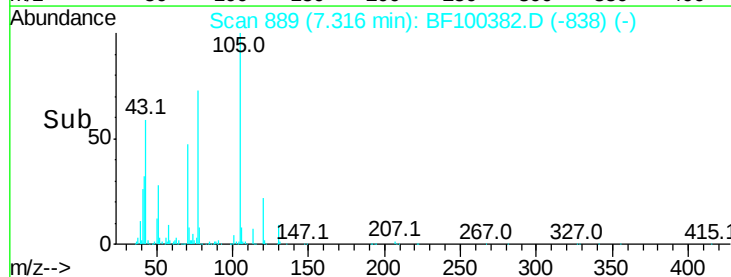


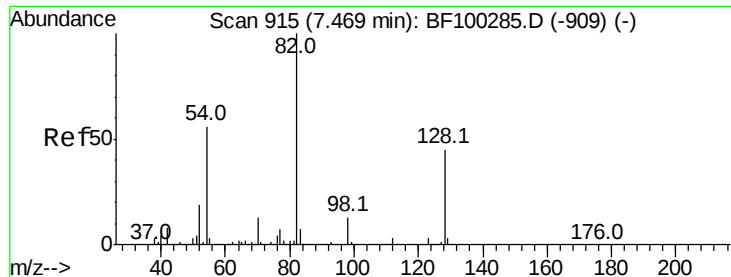
#22
Acetophenone
Concen: 38.505 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt	Ion:105	Resp:	624554
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	28.1	22.3	33.5
120	21.7	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

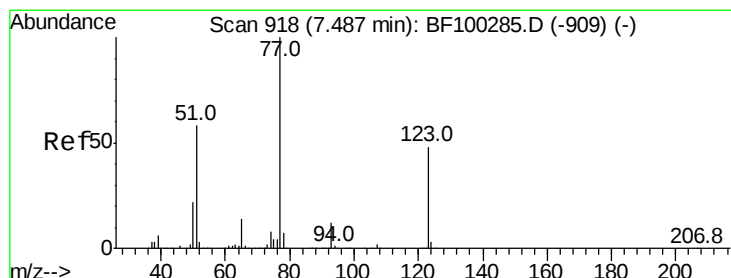
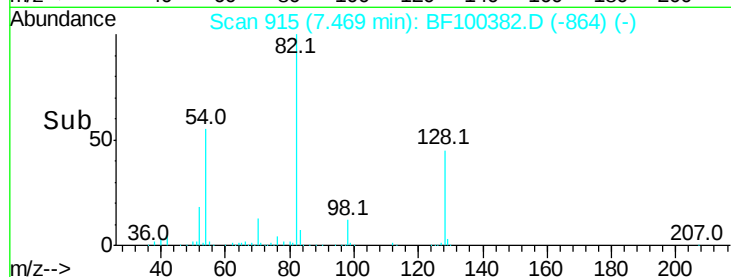
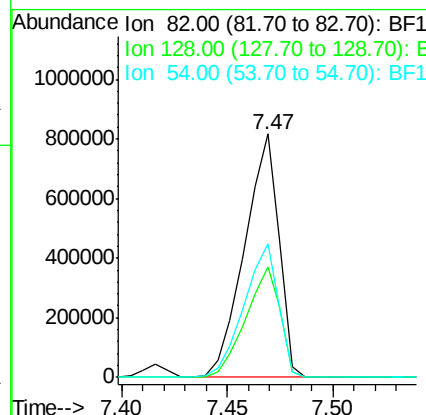
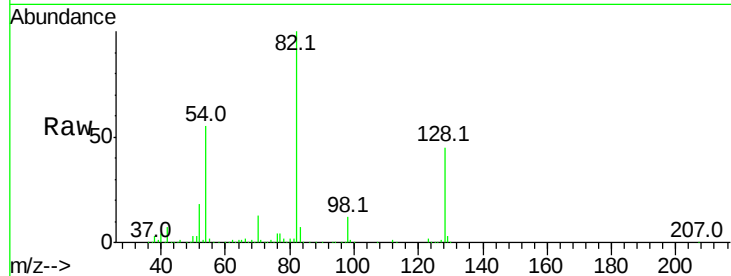




#23
Nitrobenzene-d5
Concen: 91.486 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

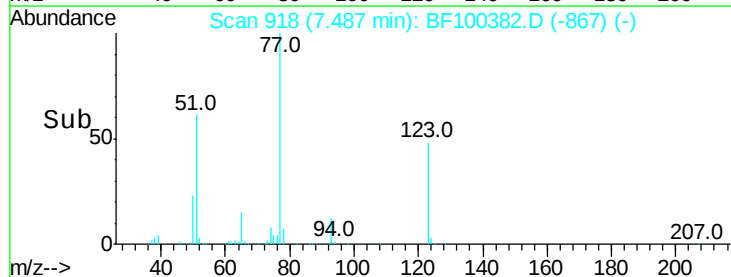
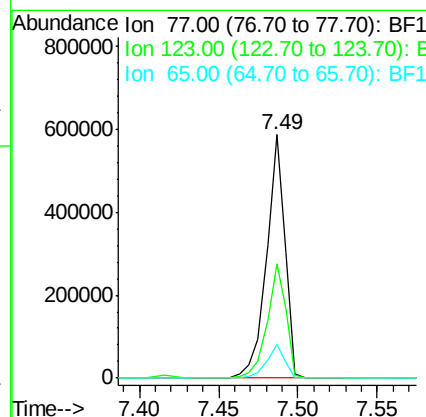
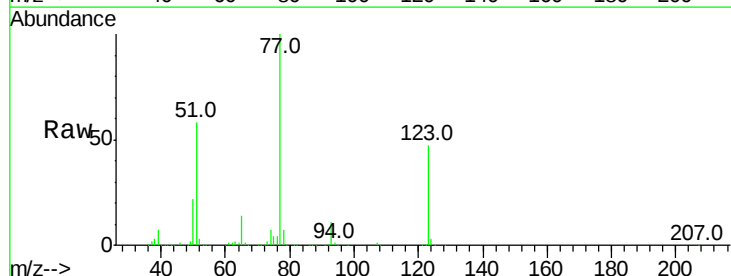
Instrument :
BNA_F
ClientSampleId :

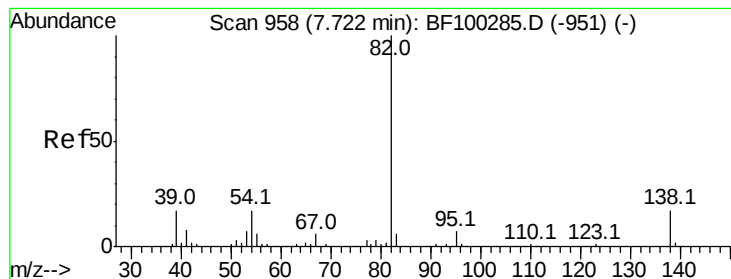
Tot Ion: 82 Resp: 920451
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 54.8 41.4 62.2



#24
Nitrobenzene
Concen: 46.430 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion: 77 Resp: 480799
Ion Ratio Lower Upper
77 100
123 46.9 37.9 56.9
65 14.1 11.0 16.4





#25

Isophorone

Concen: 40.018 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampled :

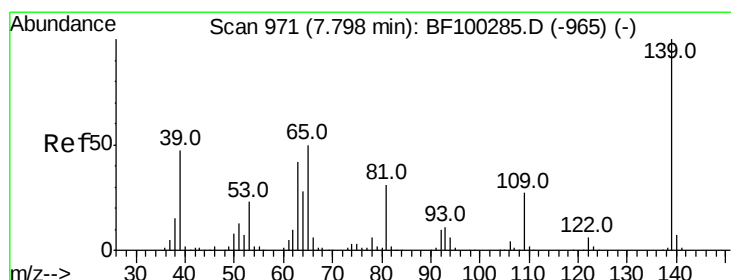
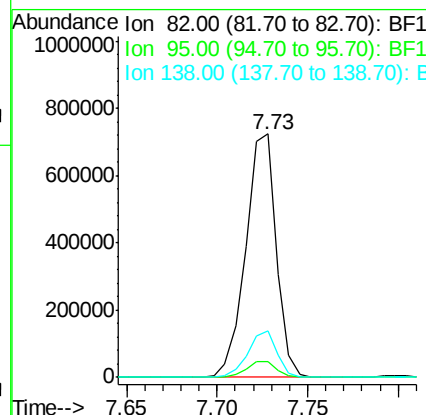
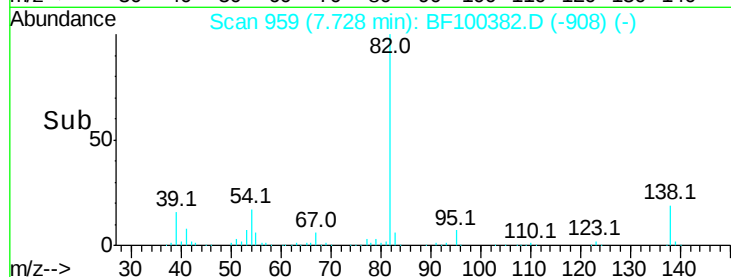
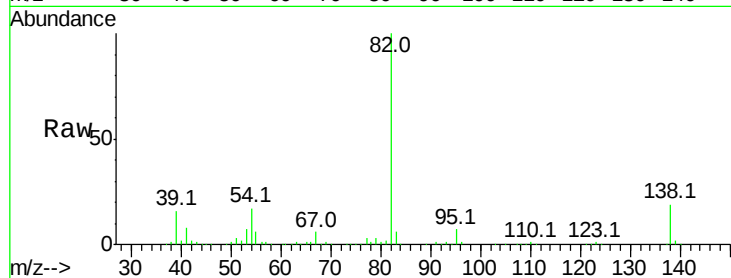
Tot Ion: 82 Resp: 846086

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 49.440 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

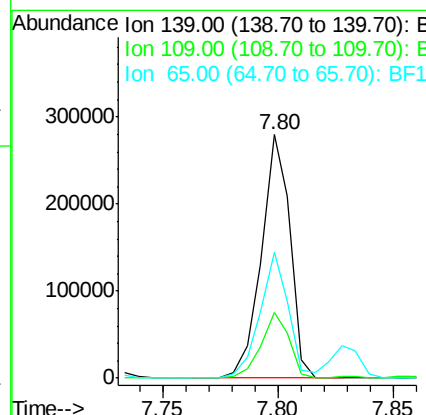
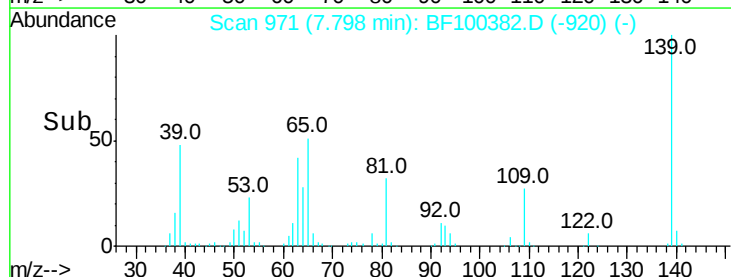
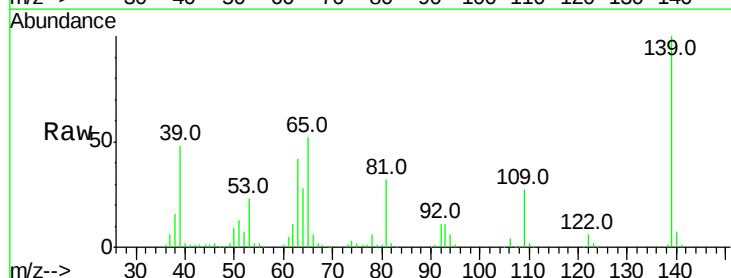
Tgt Ion:139 Resp: 240925

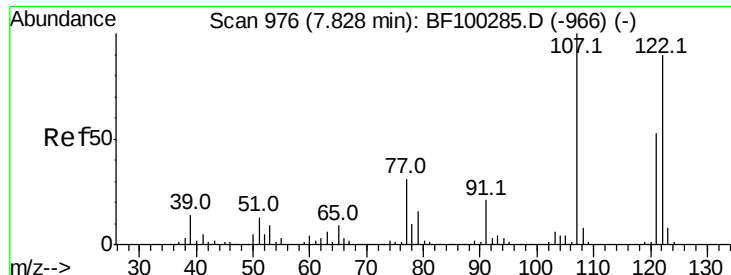
Ion Ratio Lower Upper

139 100

109 26.8 22.7 34.1

65 51.8 40.5 60.7

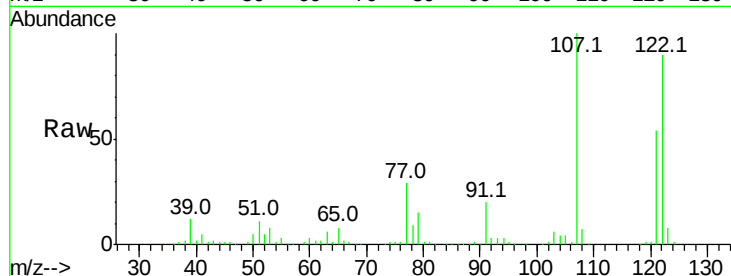




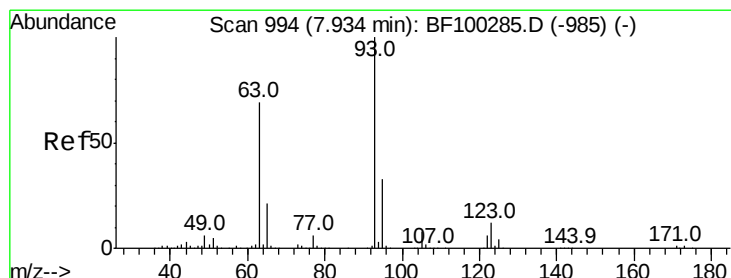
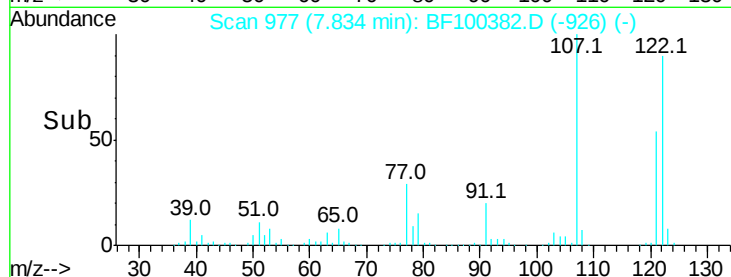
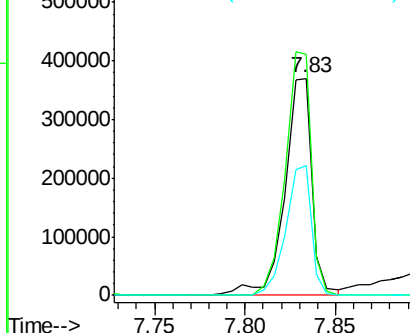
#27
2,4-Dimethylphenol
Concen: 41.135 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 389867
Ion Ratio Lower Upper
122 100
107 111.4 91.2 136.8
121 59.8 47.2 70.8

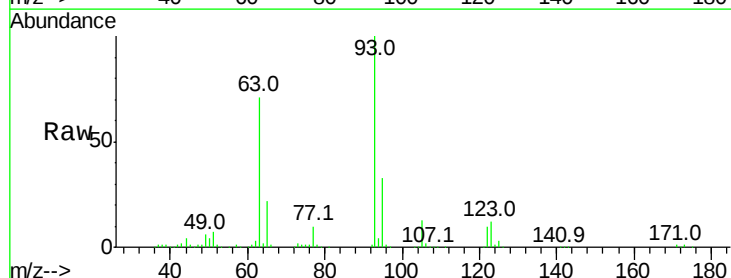


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

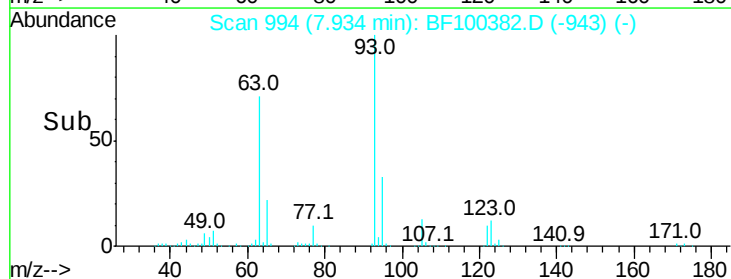
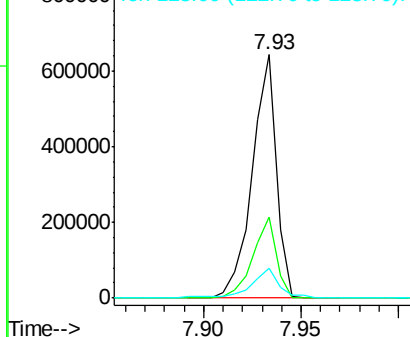


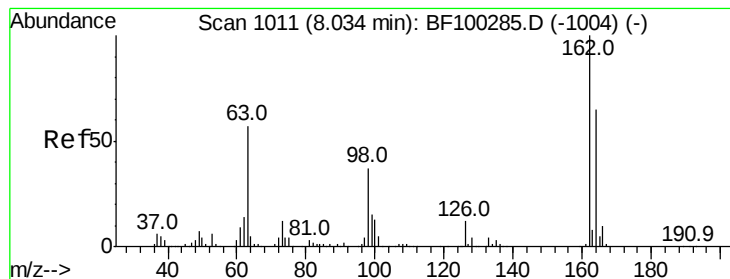
#28
bis(2-Chloroethoxy)methane
Concen: 39.931 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion: 93 Resp: 552233
Ion Ratio Lower Upper
93 100
95 33.4 26.3 39.5
123 12.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.024 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampled :

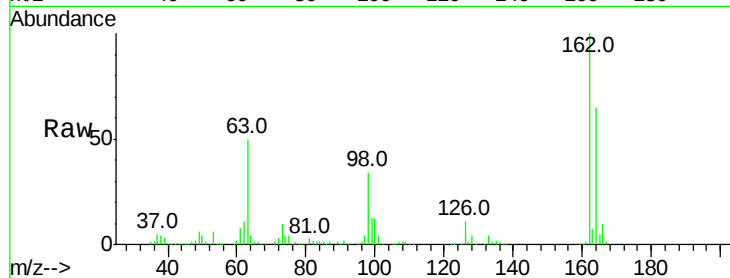
Tot Ion:162 Resp: 380229

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

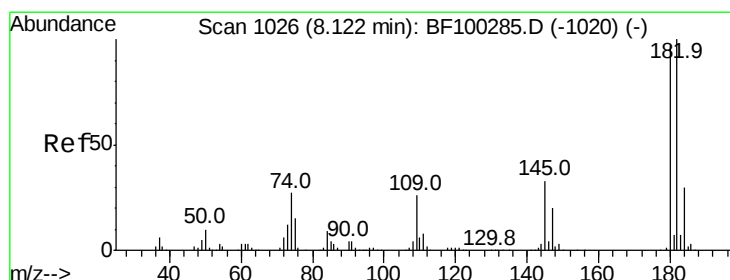
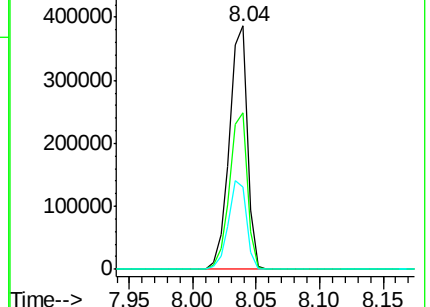
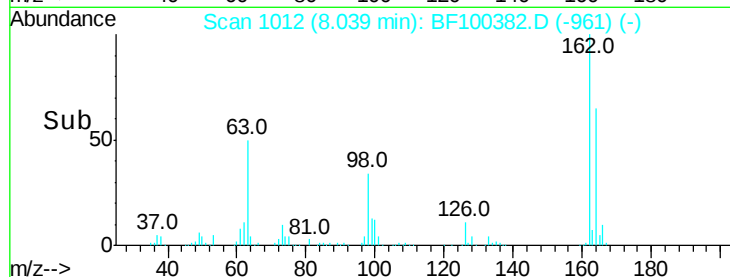
98 33.8 18.1 58.1



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: 40.276 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

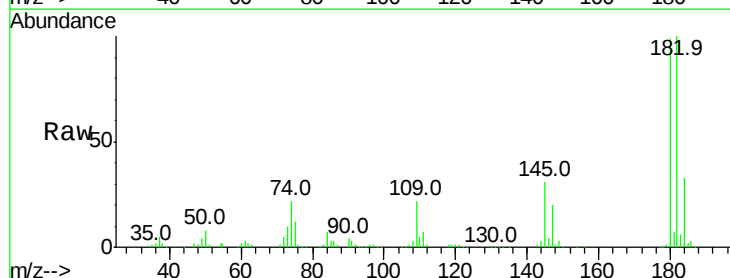
Tgt Ion:180 Resp: 394191

Ion Ratio Lower Upper

180 100

182 101.0 76.8 115.2

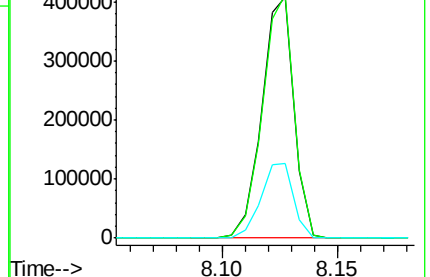
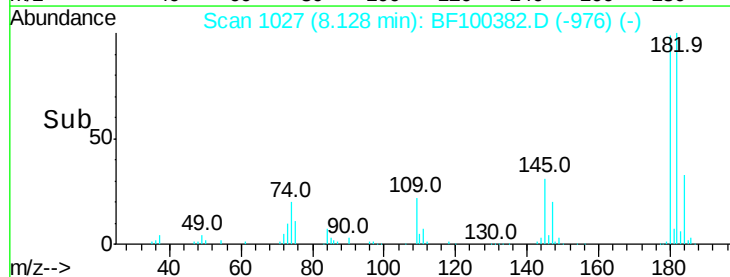
145 31.1 26.5 39.7

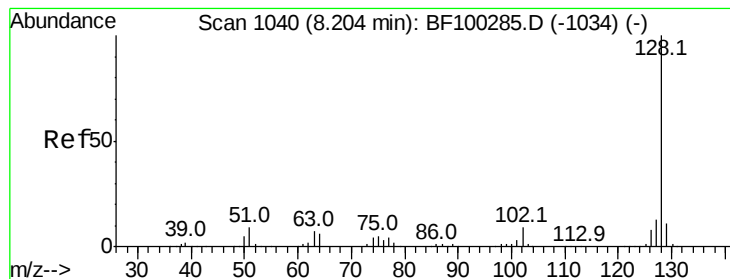


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.309 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampleId :

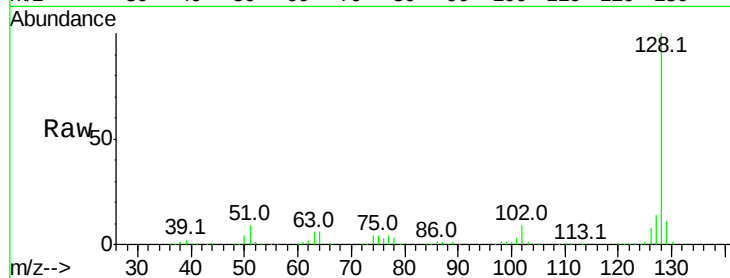
Tot Ion:128 Resp: 1259377

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

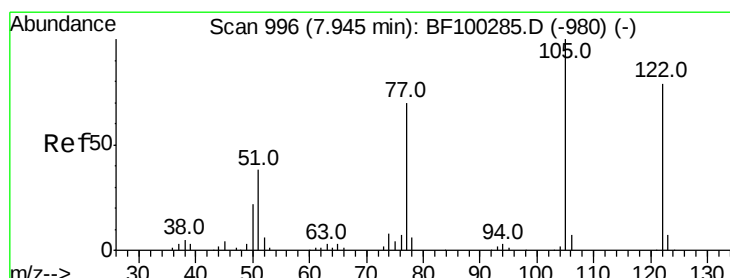
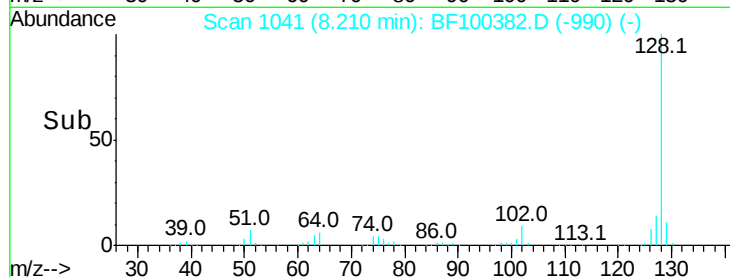
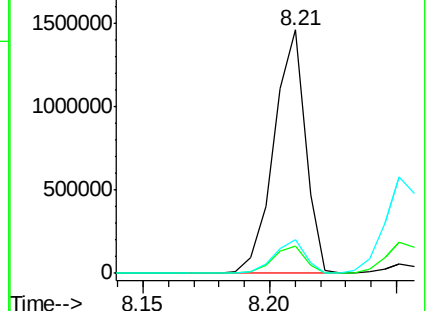
127 13.9 10.9 16.3



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: 38.576 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

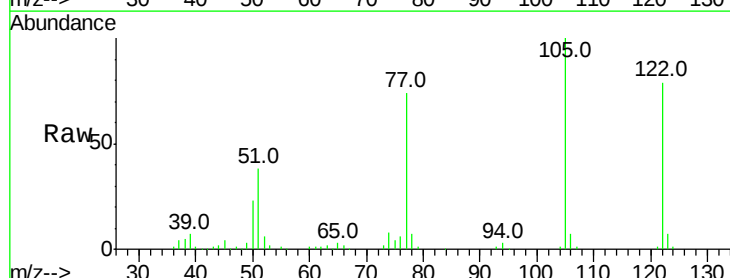
Tgt Ion:122 Resp: 263382

Ion Ratio Lower Upper

122 100

105 125.9 101.1 141.1

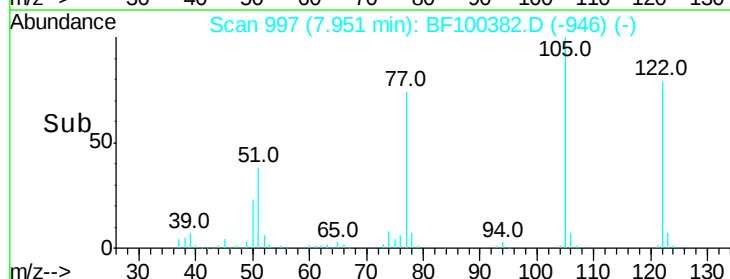
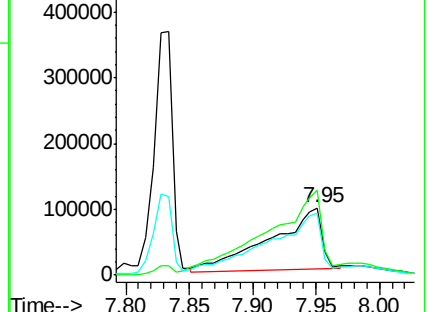
77 93.1 70.7 110.7



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

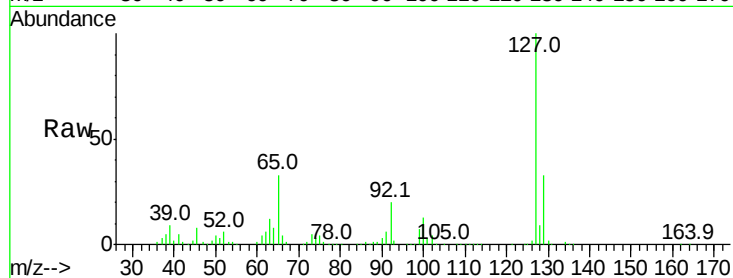




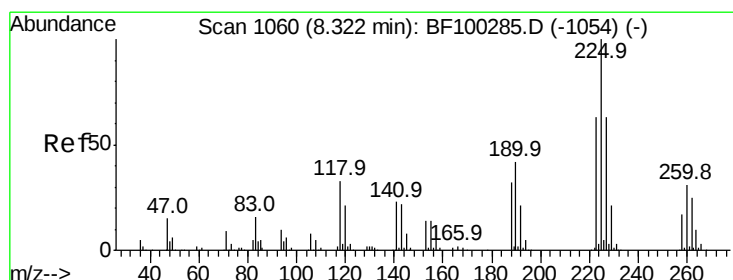
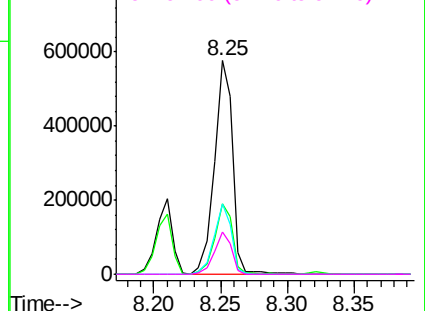
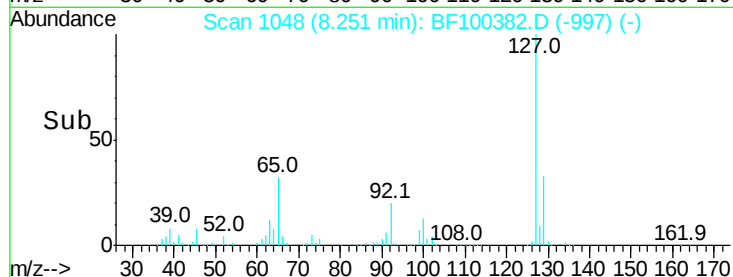
#33
 4-Chloroaniline
 Concen: 41.481 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:127	Resp:	553182
Ion Ratio	Lower	Upper
127	100	
129	32.9	25.9 38.9
65	32.9	25.0 37.4
92	19.7	15.2 22.8

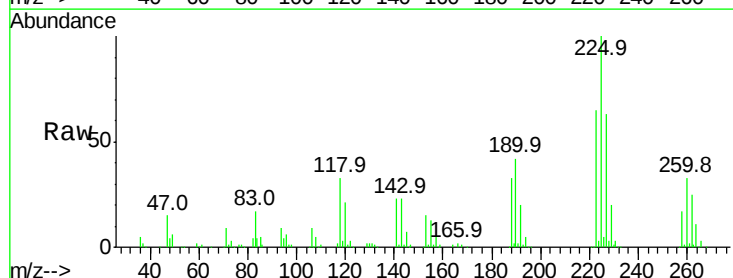


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

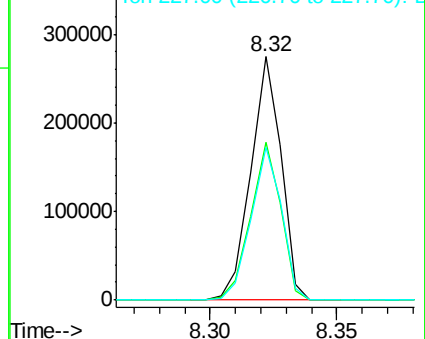
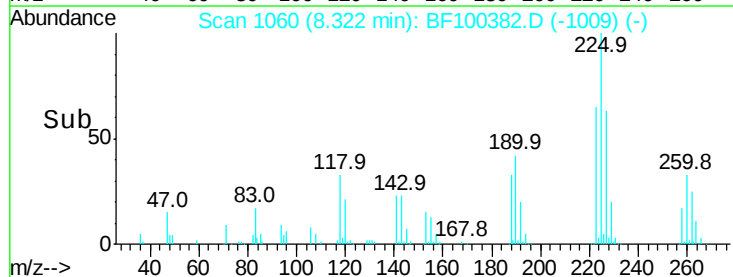


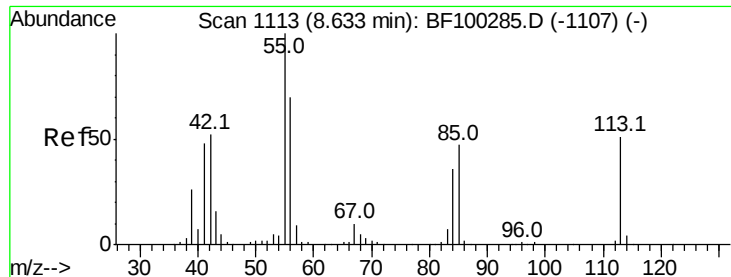
#34
 Hexachlorobutadiene
 Concen: 39.383 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion:225	Resp:	229174
Ion Ratio	Lower	Upper
225	100	
223	64.8	50.6 76.0
227	62.9	51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

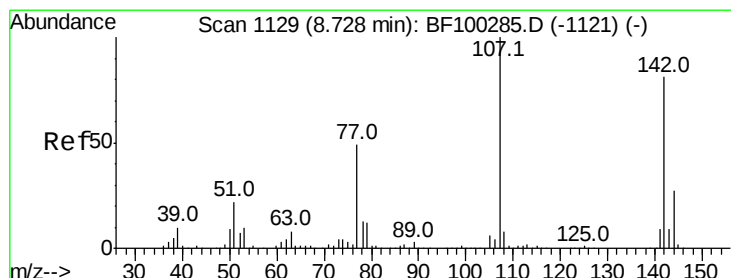
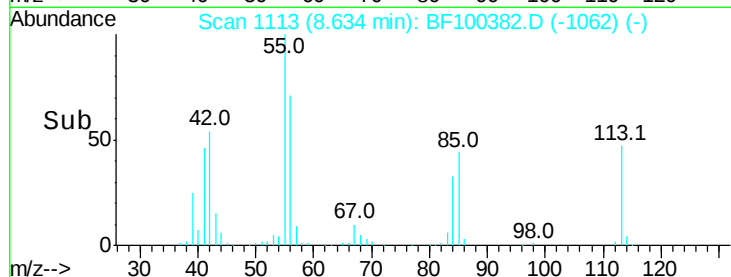
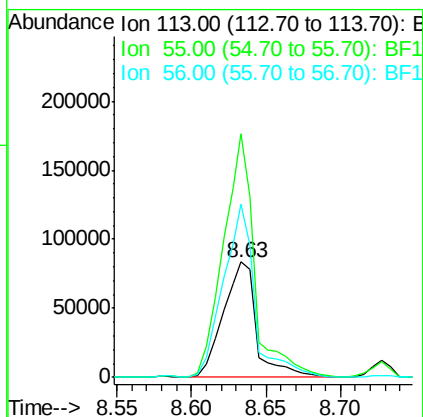
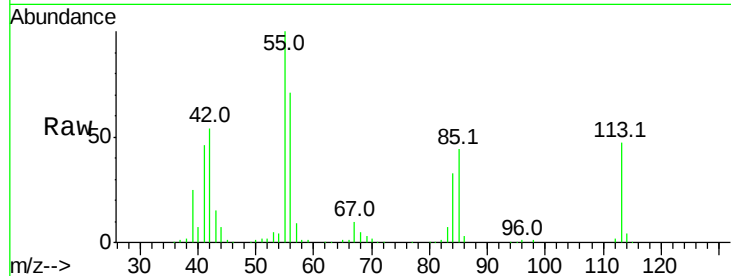




#35
 Caprolactam
 Concen: 42.273 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

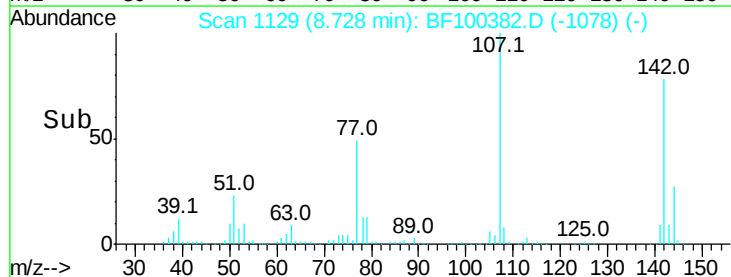
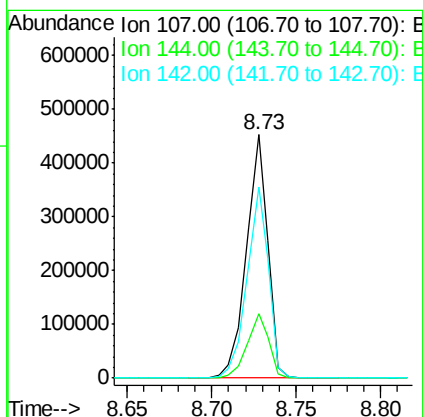
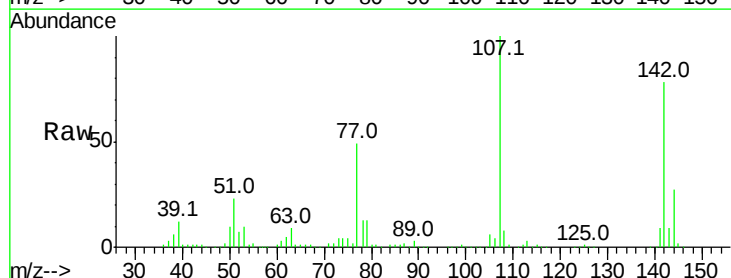
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 131261
 Ion Ratio Lower Upper
 113 100
 55 211.5 163.3 203.3#
 56 150.7 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.258 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion:107 Resp: 400923
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 78.4 62.0 93.0

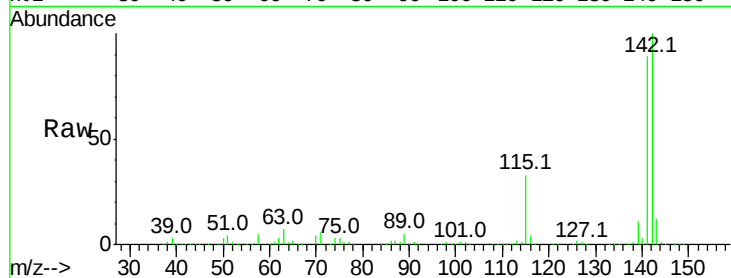




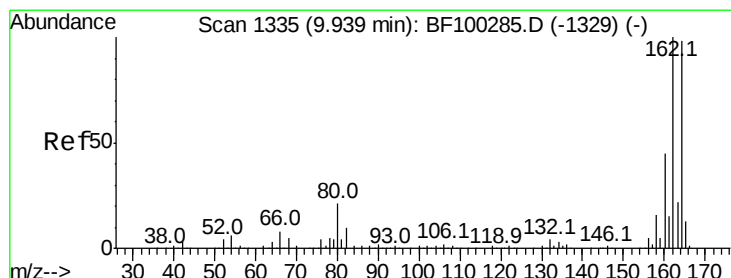
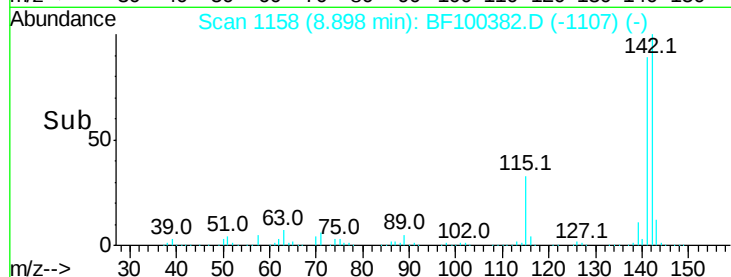
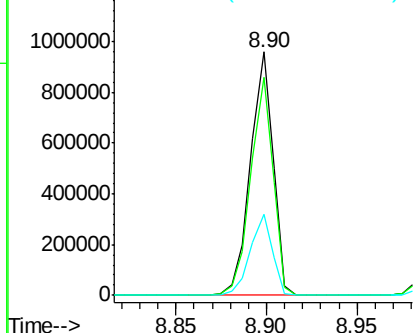
#37
 2-Methylnaphthalene
 Concen: 39.179 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	33.4	26.1	39.1

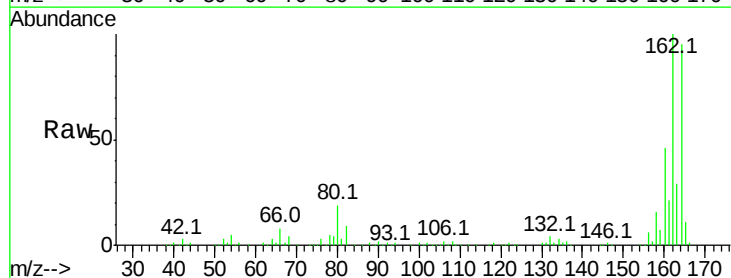


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

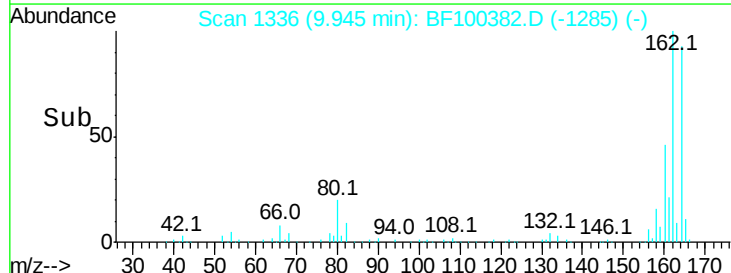
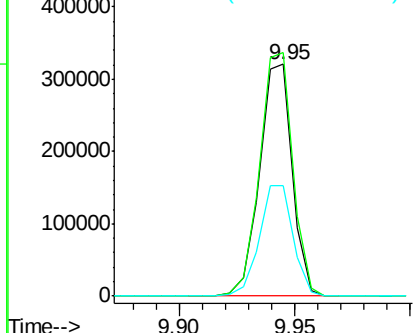


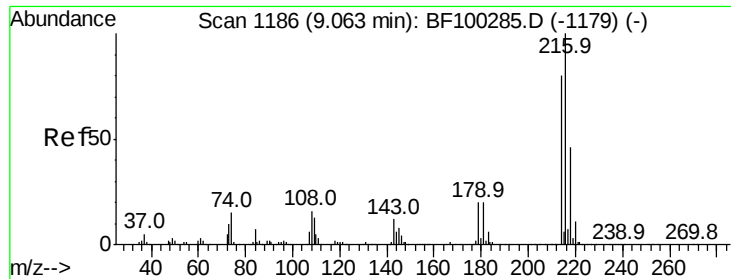
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.8	38.3	57.5



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

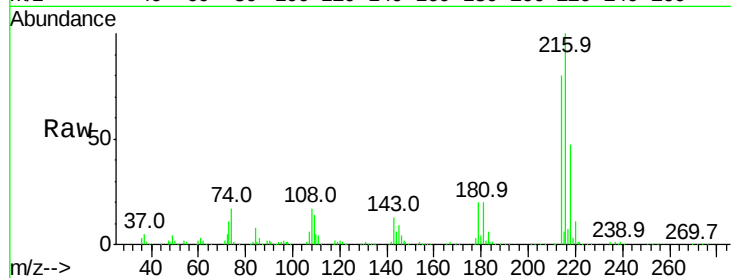




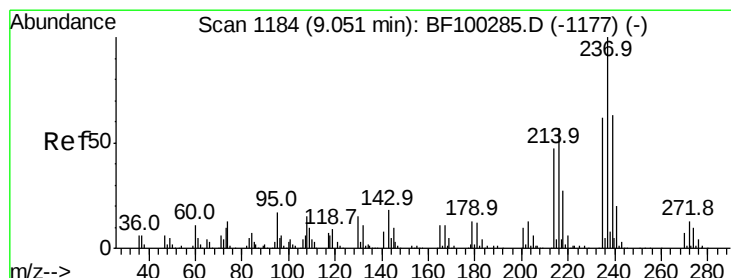
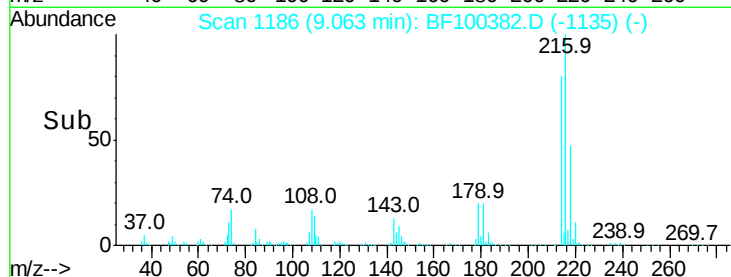
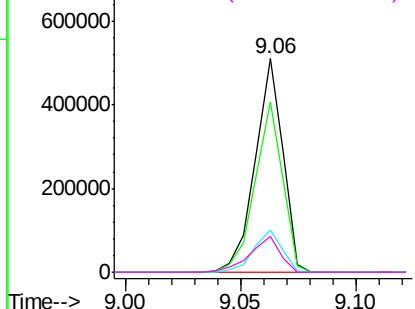
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.878 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	428592
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	20.3	18.1	27.1
108	18.3	17.2	25.8

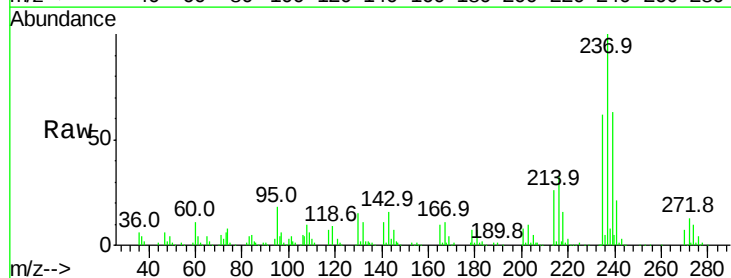


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

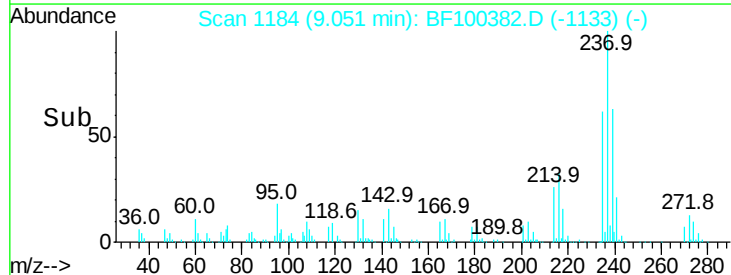
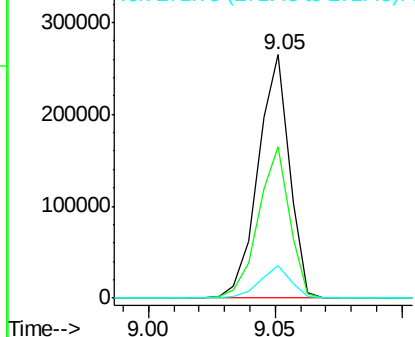


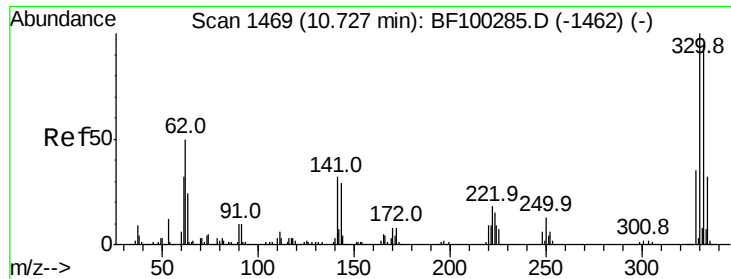
#40
 Hexachlorocyclopentadiene
 Concen: 46.166 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion:	237	Resp:	227813
Ion	Ratio	Lower	Upper
237	100		
235	62.3	44.8	84.8
272	13.1	0.0	33.3



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

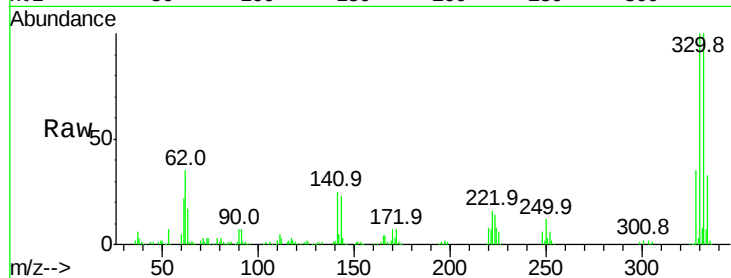




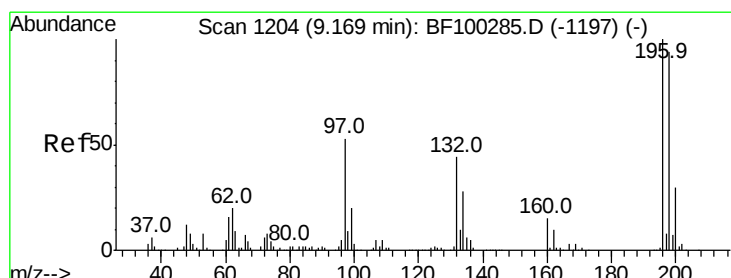
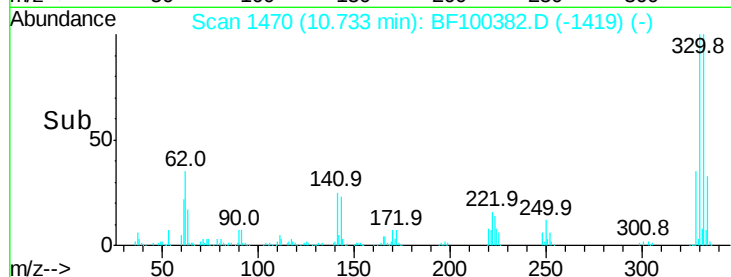
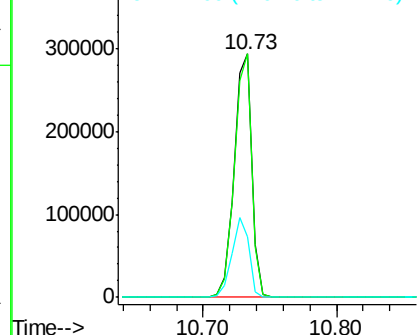
#41
 2,4,6-Tribromophenol
 Concen: 85.275 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	31.8	29.9	44.9

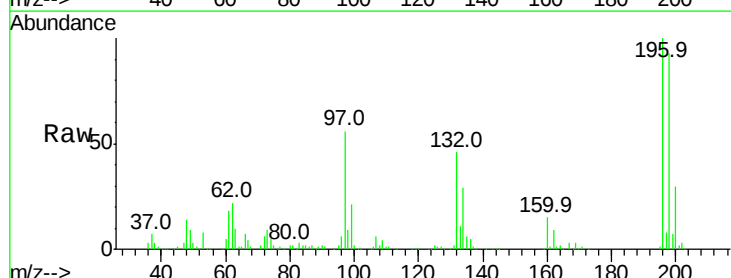


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

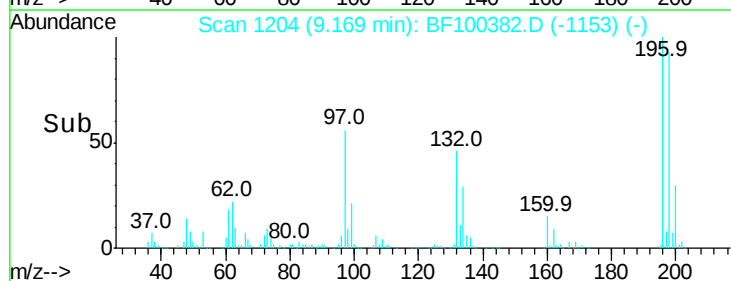
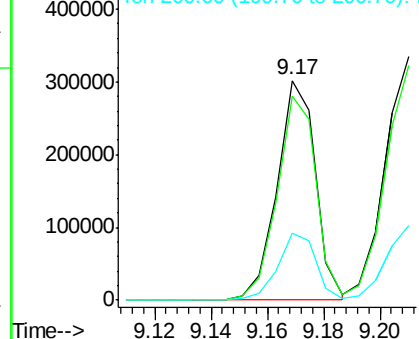


#42
 2,4,6-Trichlorophenol
 Concen: 42.778 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.7	113.5
200	30.3	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

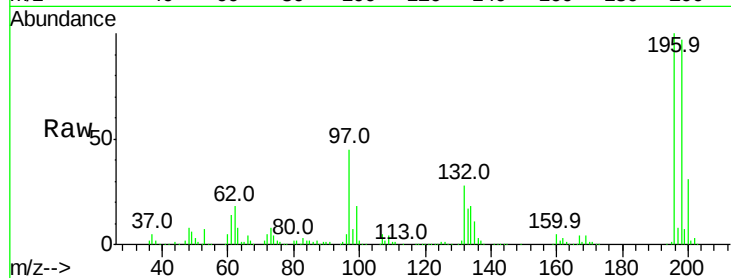




#43
 2,4,5-Trichlorophenol
 Concen: 44.569 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.6	112.0
97	44.8	42.9	64.3
132	28.0	26.3	39.5



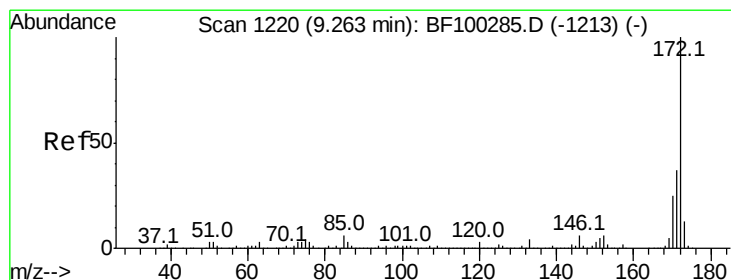
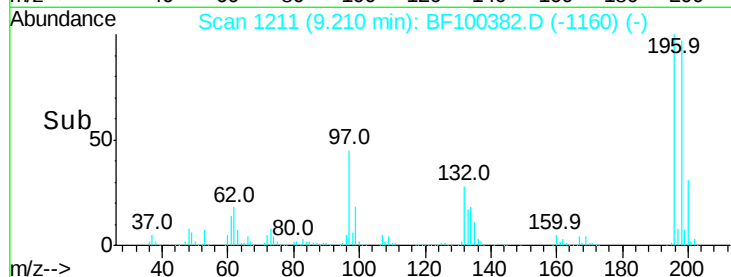
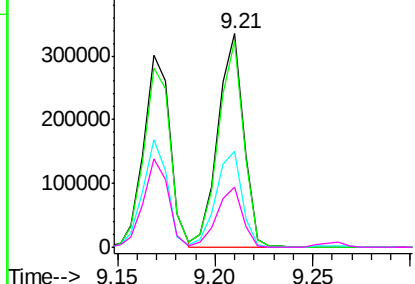
Abundance

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: 76.824 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

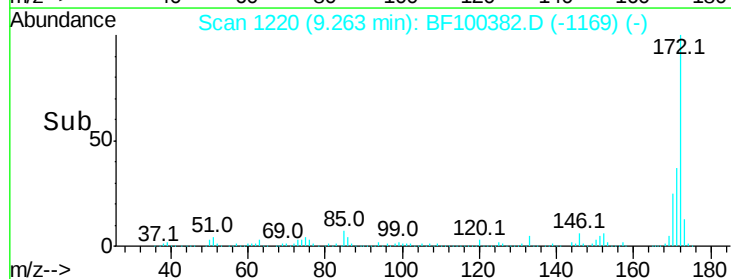
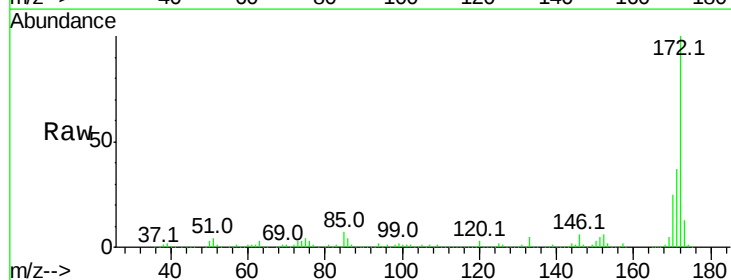
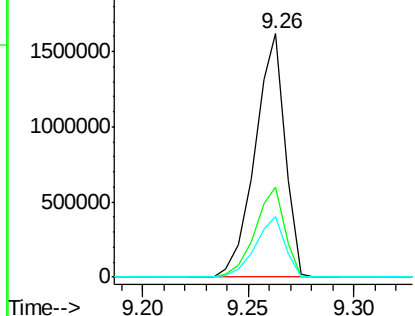
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	19.6	29.4

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



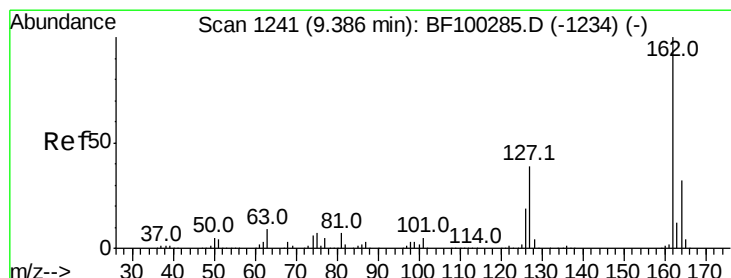
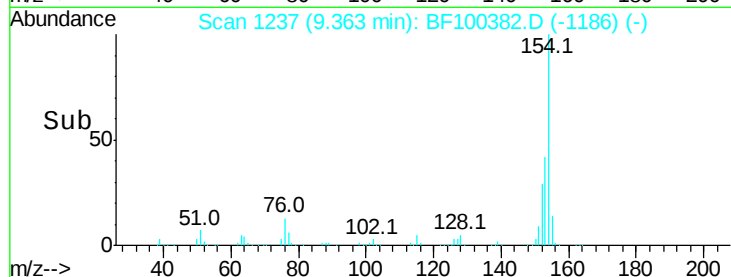
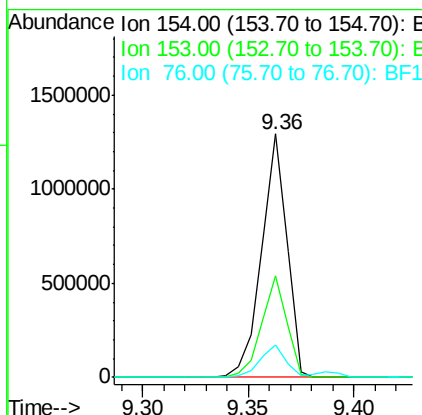
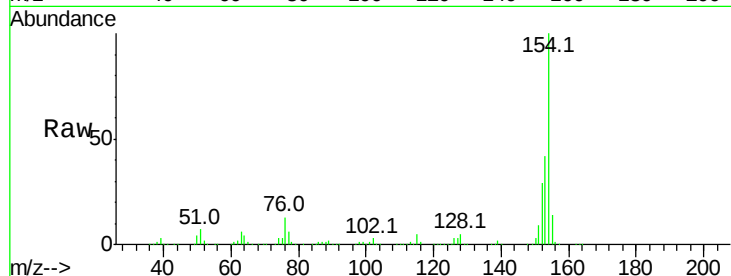


#45
 1,1'-Biphenyl
 Concen: 39.562 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1081736

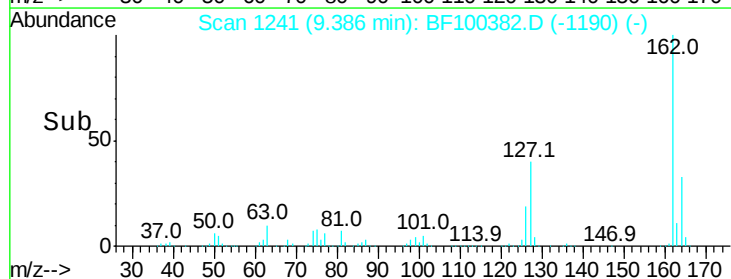
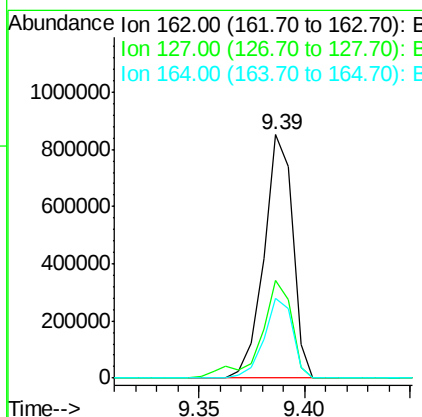
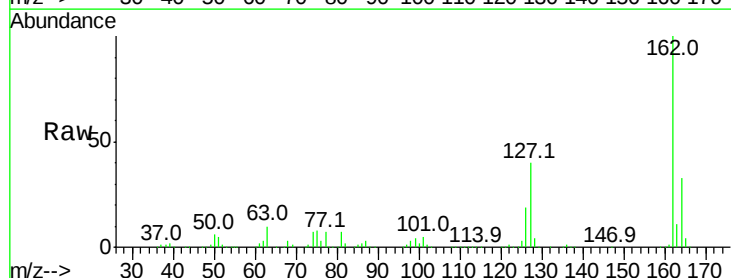
Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.3	61.3
76	13.3	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 40.580 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion:162 Resp: 804958

Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.9	50.9
164	32.6	26.5	39.7





#47

2-Nitroaniline

Concen: 47.494 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampleId :

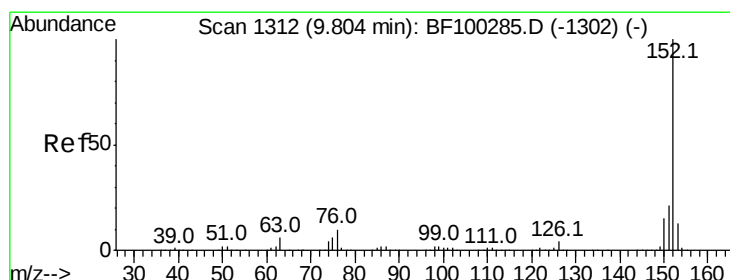
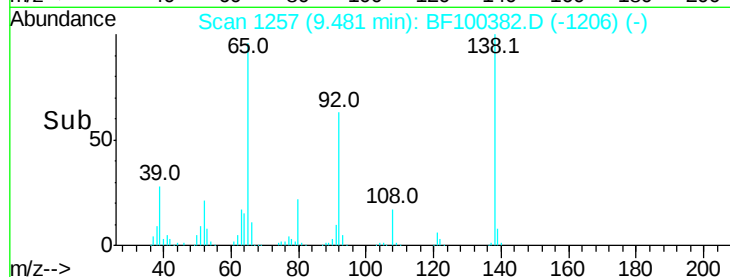
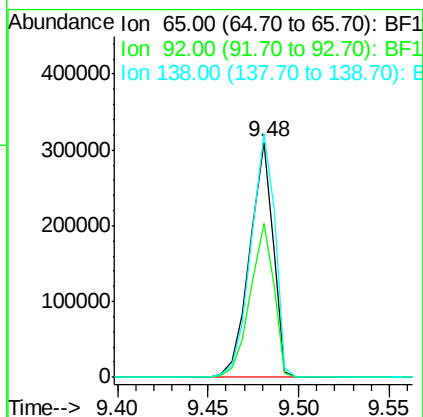
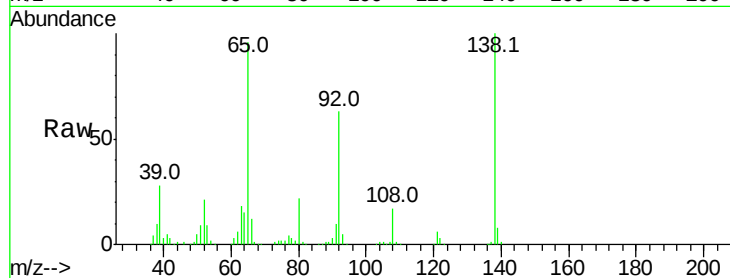
Tot Ion: 65 Resp: 278194

Ion Ratio Lower Upper

65 100

92 65.6 55.8 83.6

138 103.8 91.2 136.8



#48

Acenaphthylene

Concen: 39.953 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

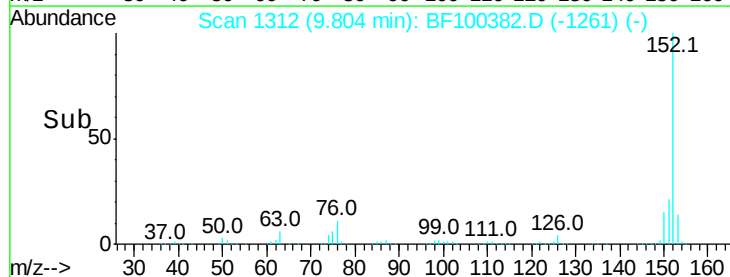
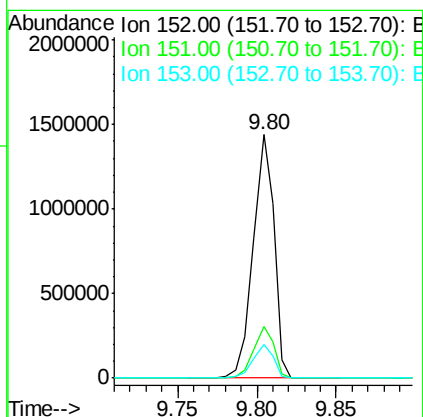
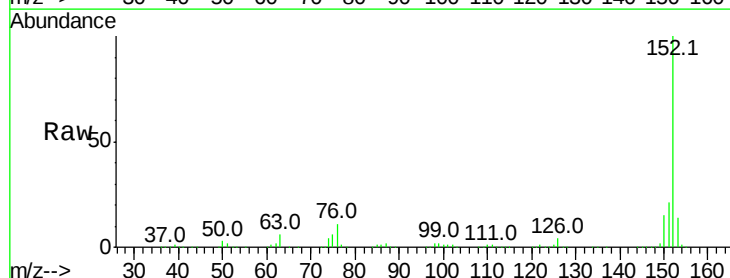
Tgt Ion: 152 Resp: 1313375

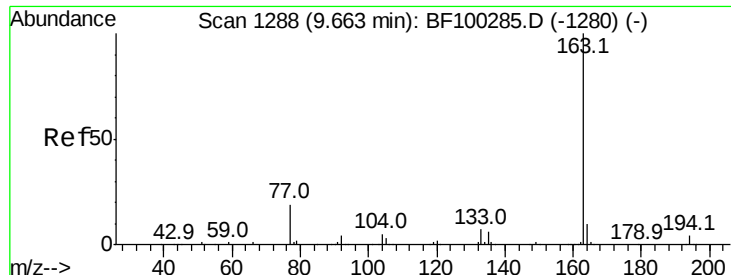
Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

153 13.7 10.7 16.1

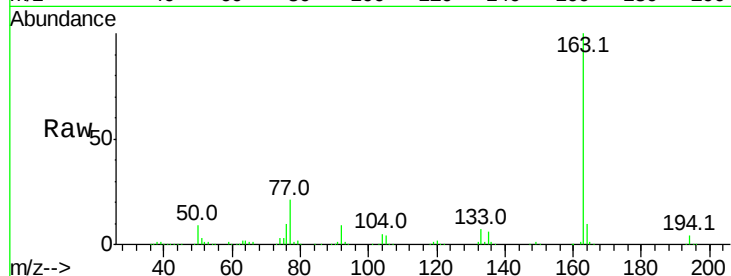




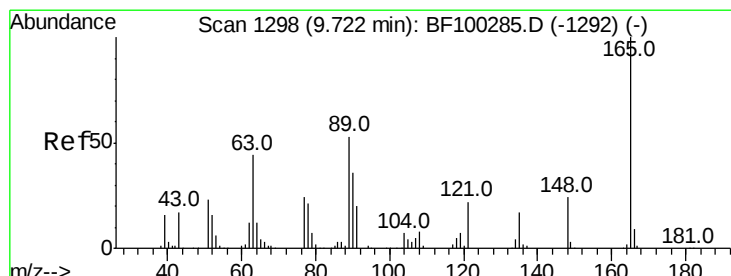
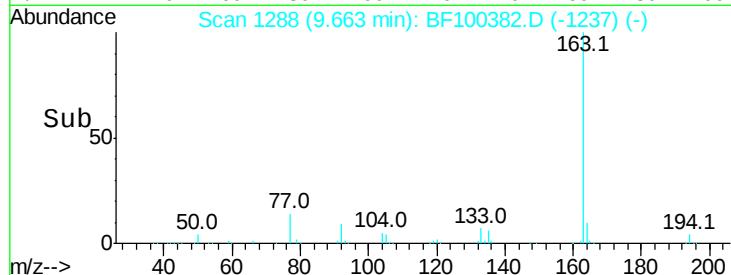
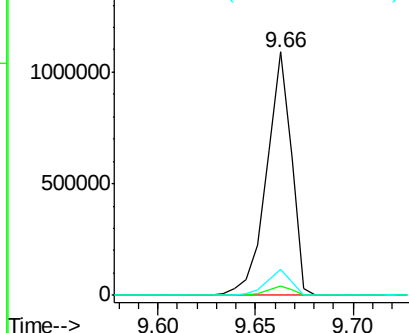
#49
Dimethylphthalate
Concen: 39.910 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 963337
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.2 12.2

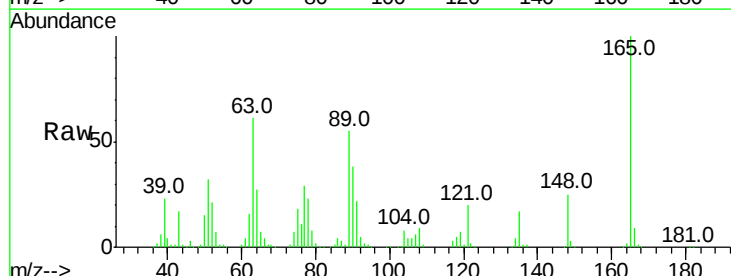


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

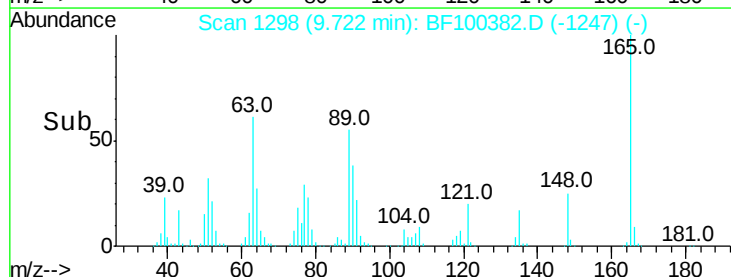
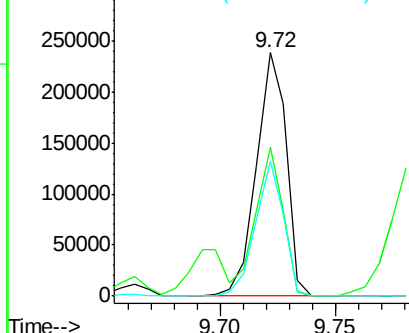


#50
2,6-Dinitrotoluene
Concen: 45.134 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion:165 Resp: 215645
Ion Ratio Lower Upper
165 100
63 61.1 44.7 67.1
89 55.5 44.0 66.0



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





#51

Acenaphthene

Concen: 41.145 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampled :

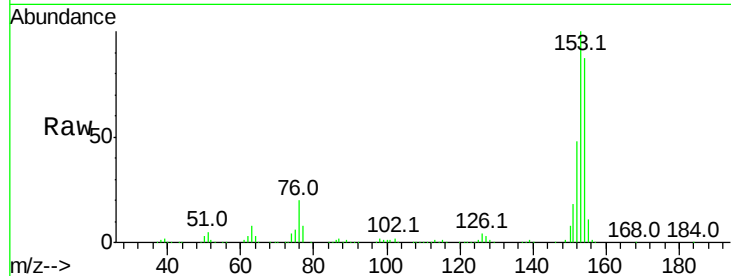
Tot Ion:154 Resp: 822606

Ion Ratio Lower Upper

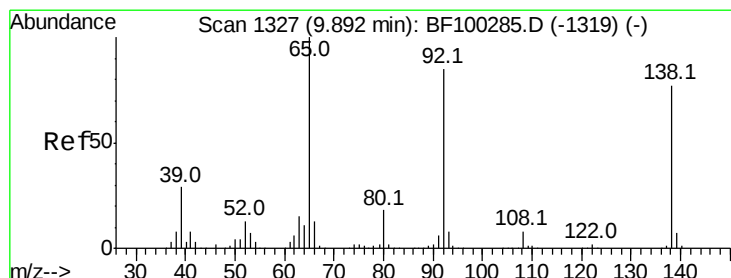
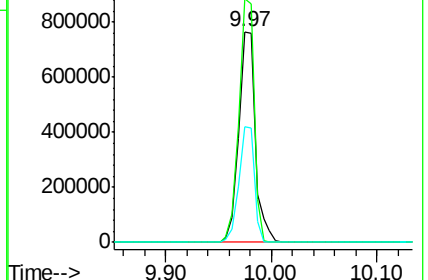
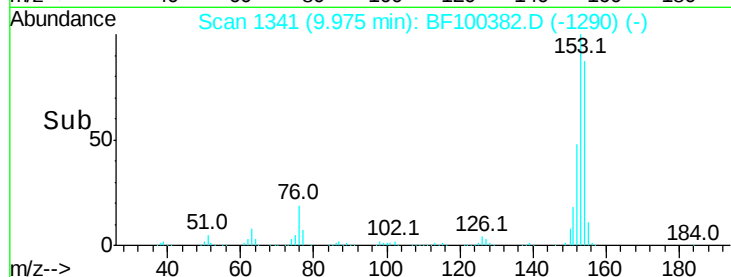
154 100

153 115.4 91.2 136.8

152 54.9 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: 45.807 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

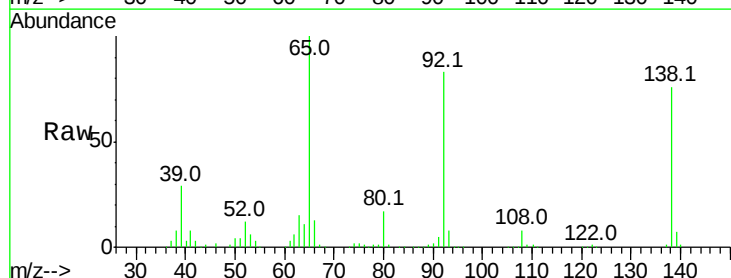
Tgt Ion:138 Resp: 258443

Ion Ratio Lower Upper

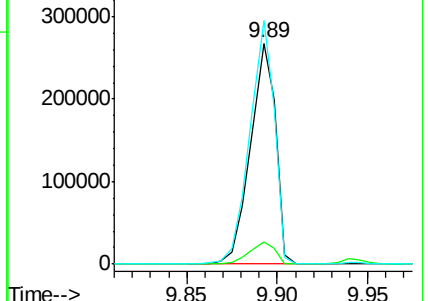
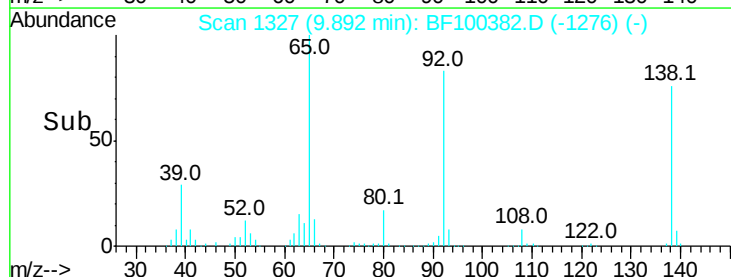
138 100

108 10.2 9.4 14.0

92 110.2 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

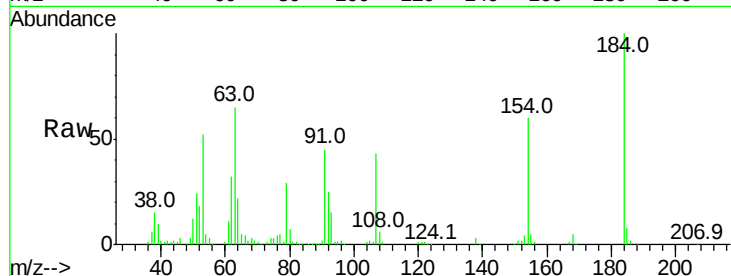




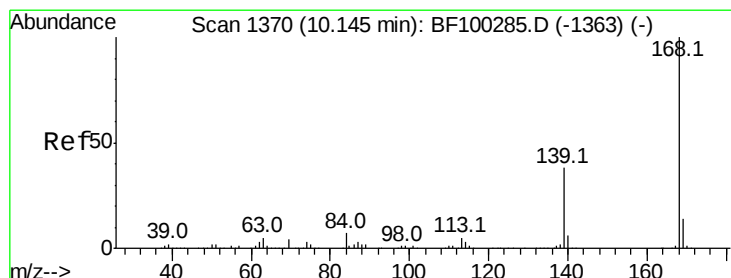
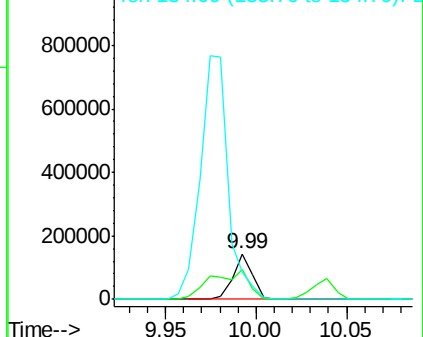
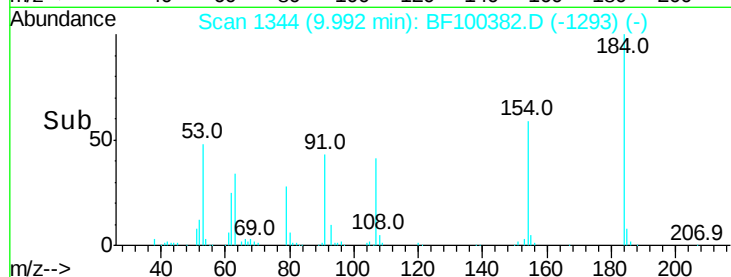
#53
2,4-Dinitrophenol
Concen: 59.479 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 107806
Ion Ratio Lower Upper
184 100
63 65.0 54.2 81.2
154 59.5 184.0 276.0#

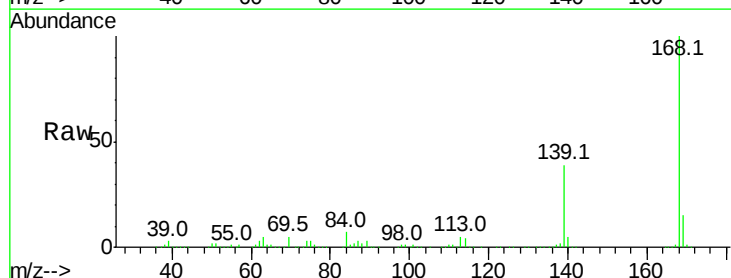


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

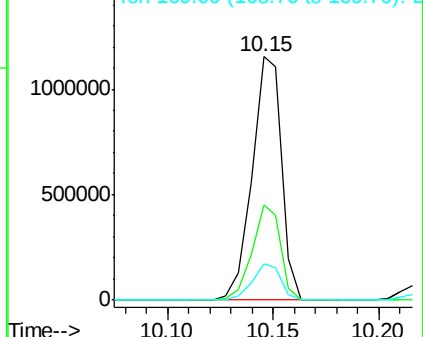
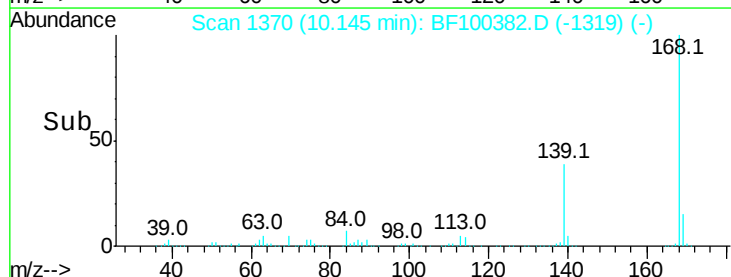


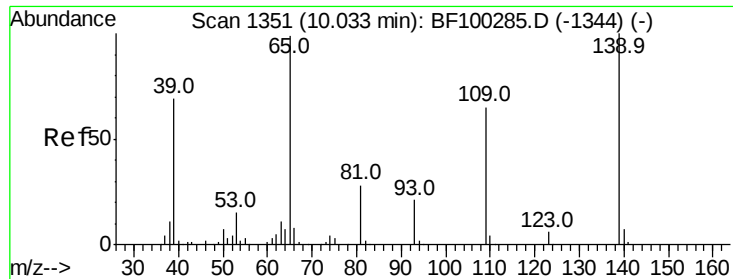
#54
Dibenzofuran
Concen: 39.868 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion:168 Resp: 1117143
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 14.7 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

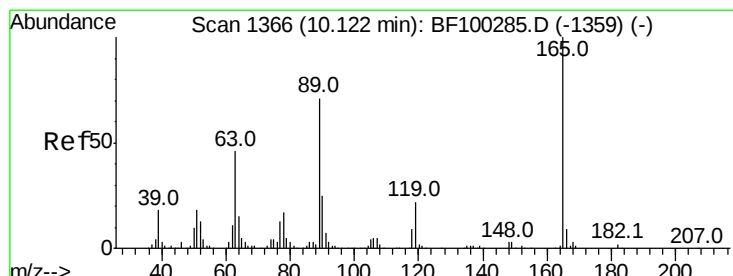
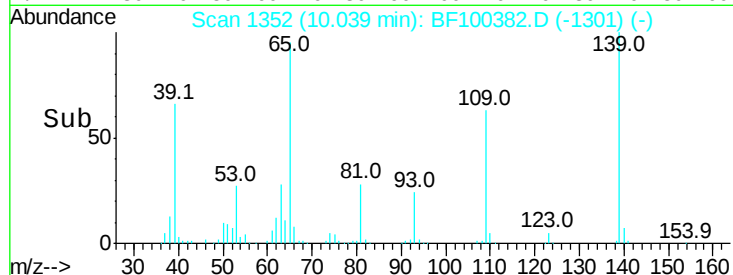
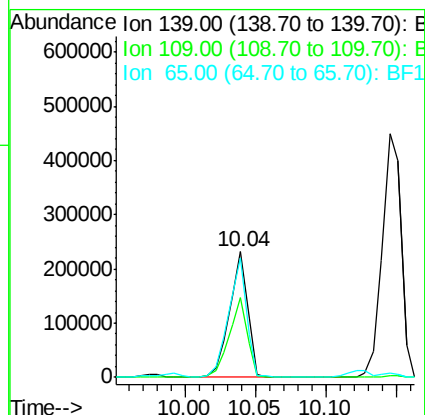
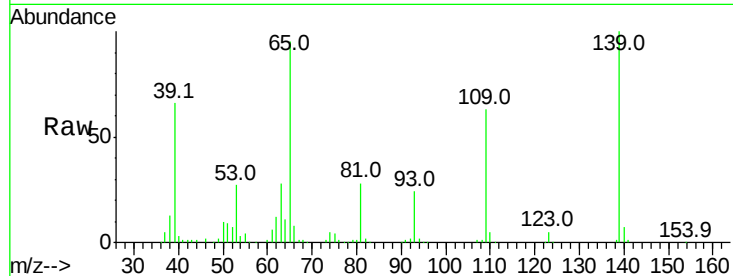




#55
 4-Nitrophenol
 Concen: 45.620 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

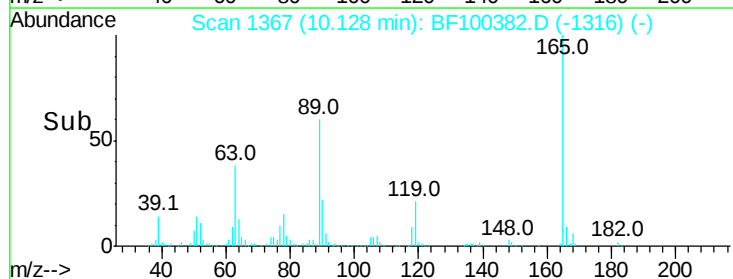
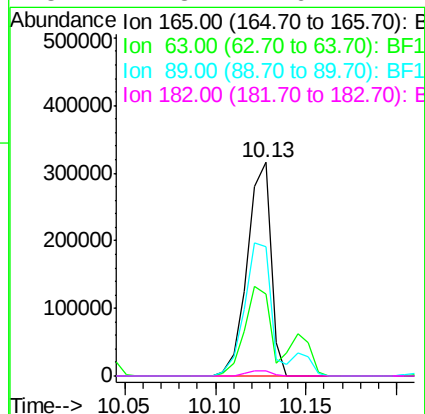
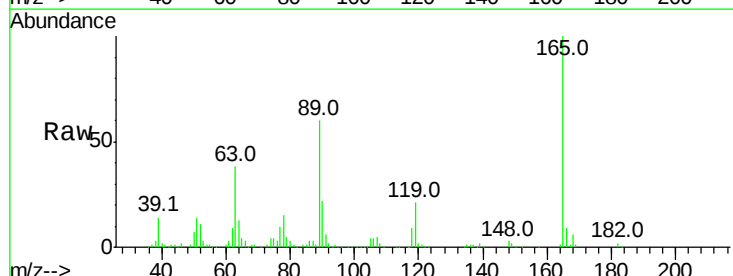
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:139 Resp: 208997
 Ion Ratio Lower Upper
 139 100
 109 63.4 48.4 88.4
 65 95.4 72.6 112.6



#56
 2,4-Dinitrotoluene
 Concen: 47.564 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion:165 Resp: 286691
 Ion Ratio Lower Upper
 165 100
 63 38.5 36.4 54.6
 89 60.3 57.8 86.6
 182 2.3 1.6 2.4

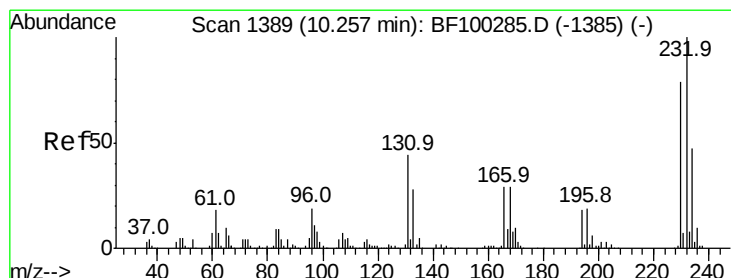
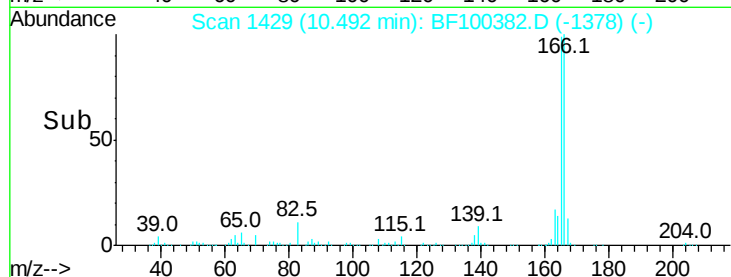
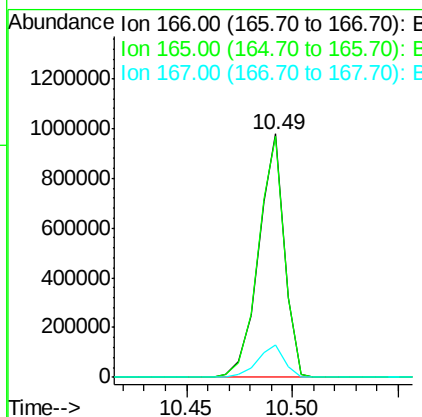
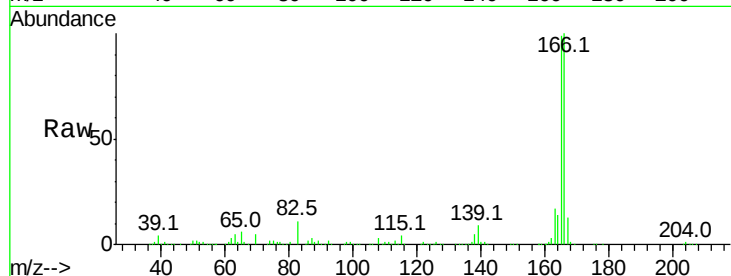




#57
 Fluorene
 Concen: 40.296 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

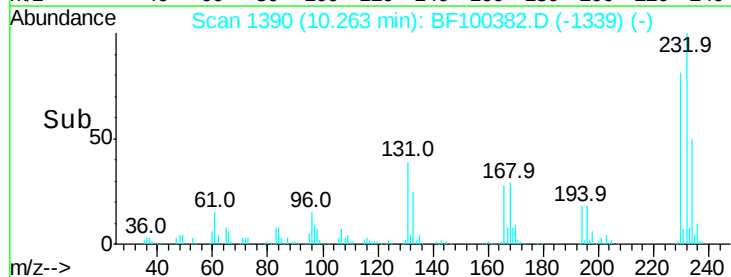
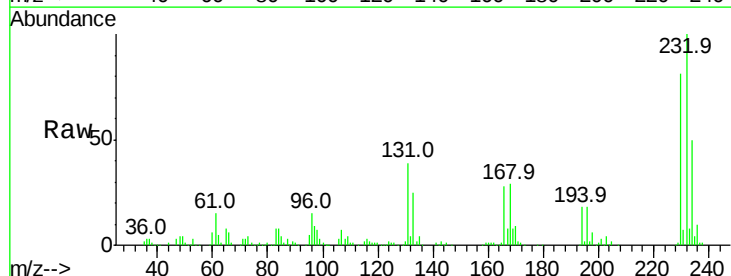
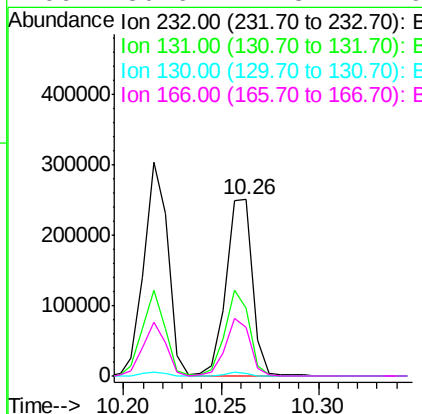
Instrument :
 BNA_F
 ClientSampled :

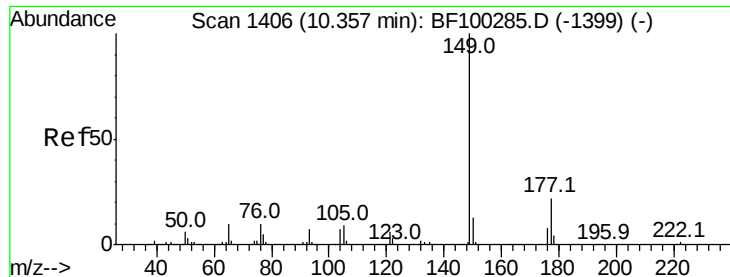
Tot Ion:166 Resp: 827166
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.565 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion:232 Resp: 234532
 Ion Ratio Lower Upper
 232 100
 131 45.5 43.8 65.8
 130 2.1 2.1 3.1
 166 30.6 27.8 41.6

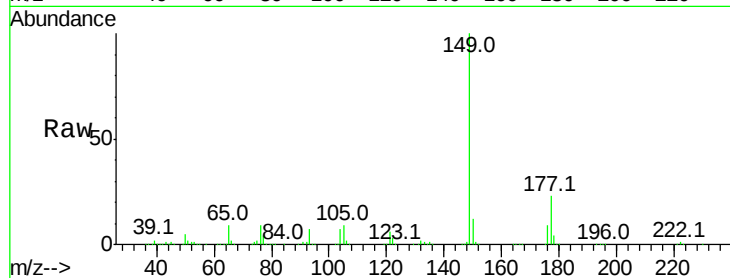




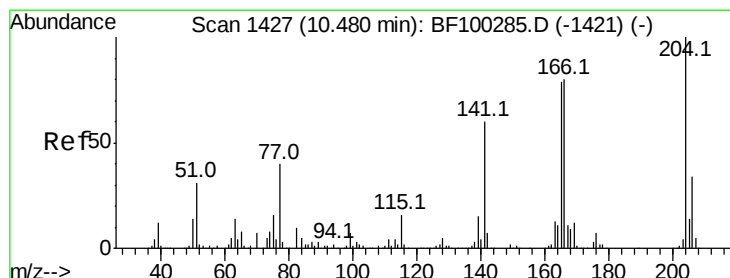
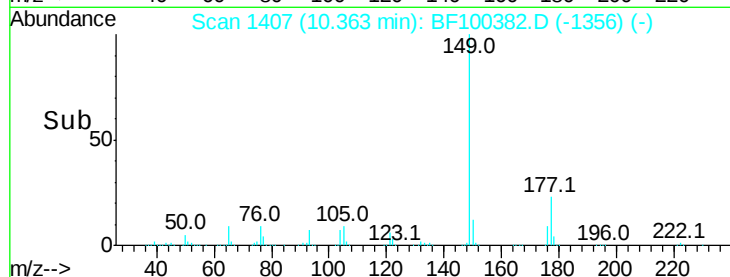
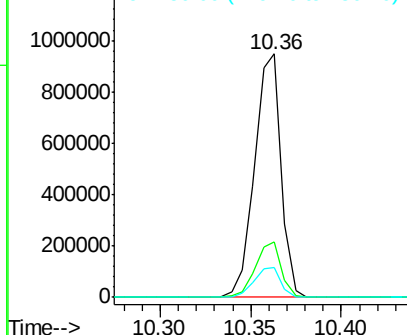
#59
Diethylphthalate
Concen: 39.667 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 958148
Ion Ratio Lower Upper
149 100
177 22.9 16.1 24.1
150 12.4 10.1 15.1

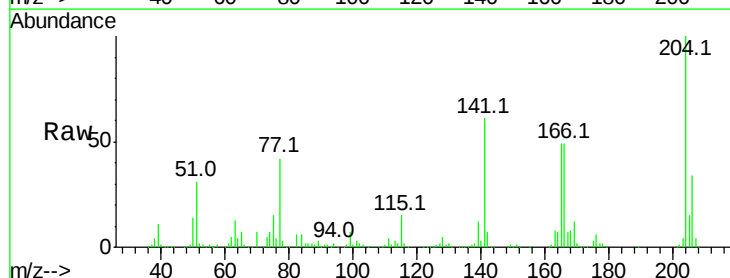


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

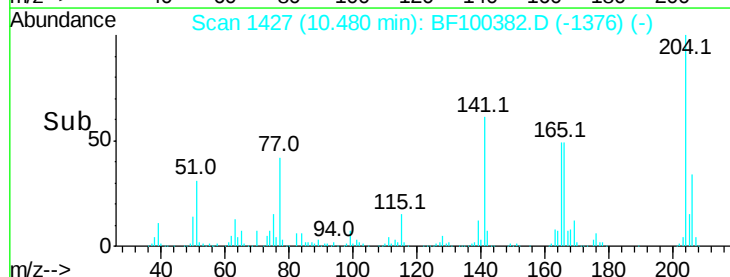
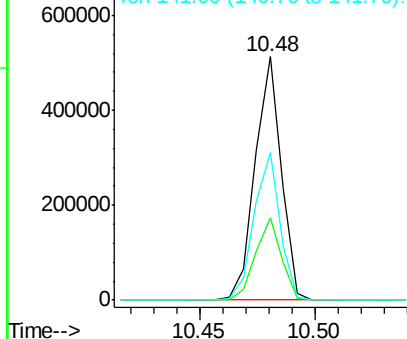


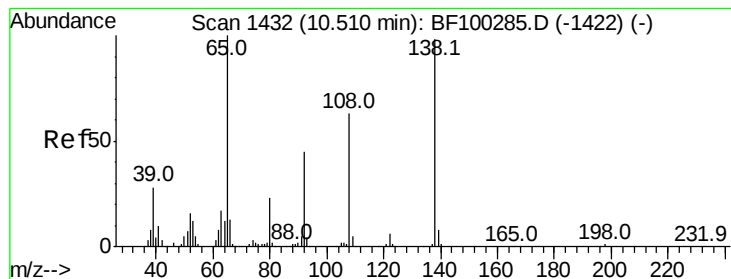
#60
4-Chlorophenyl-phenylether
Concen: 40.372 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion:204 Resp: 406548
Ion Ratio Lower Upper
204 100
206 34.1 26.5 39.7
141 60.6 54.6 81.8



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





#61

4-Nitroaniline

Concen: 46.275 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampled :

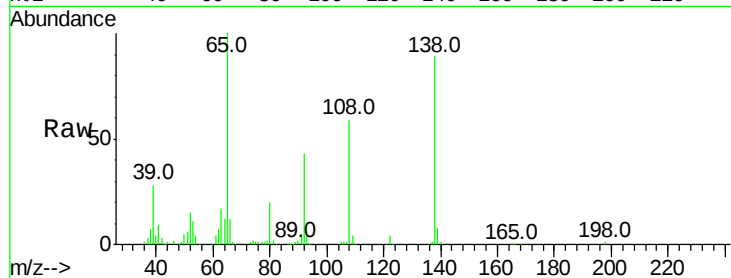
Tot Ion:138 Resp: 247565

Ion Ratio Lower Upper

138 100

92 49.1 30.2 70.2

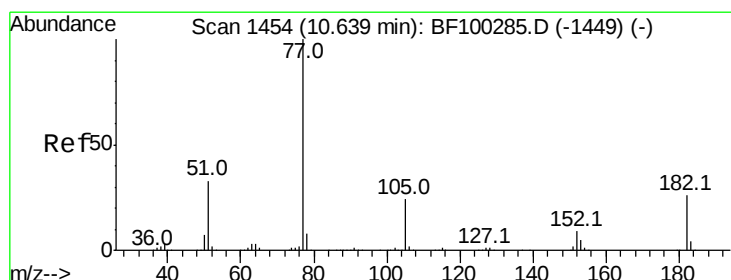
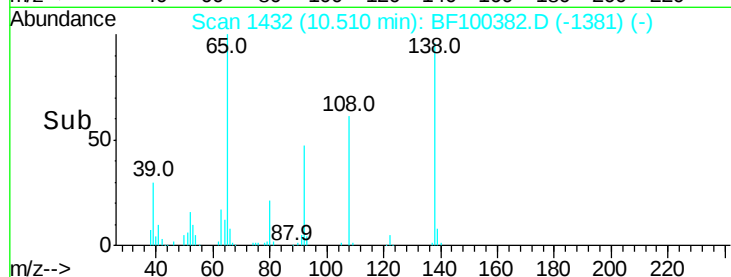
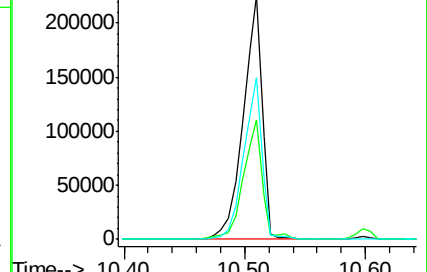
108 66.7 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.121 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Tgt Ion: 77 Resp: 912772

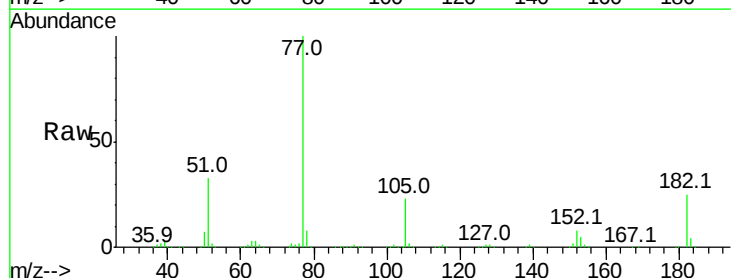
Ion Ratio Lower Upper

77 100

182 24.9 1.7 41.7

105 23.3 3.0 43.0

51 32.8 9.9 49.9

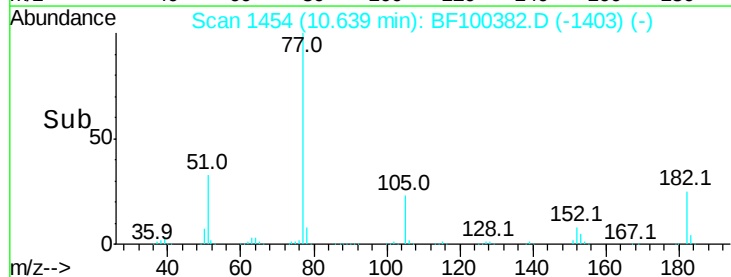
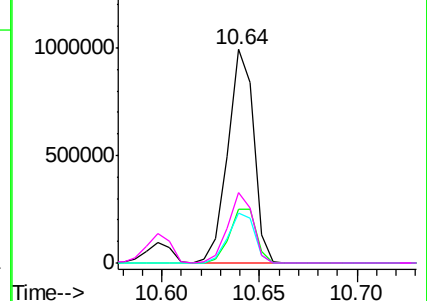


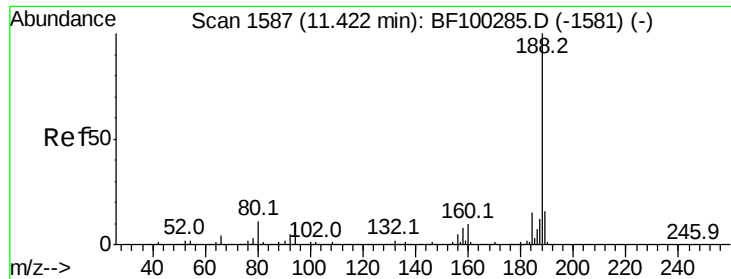
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

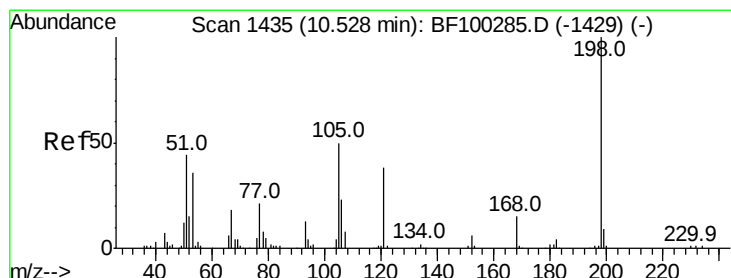
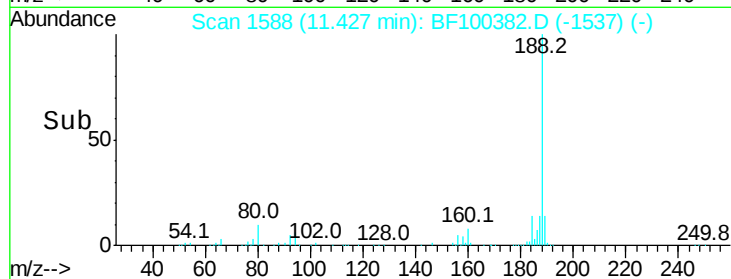
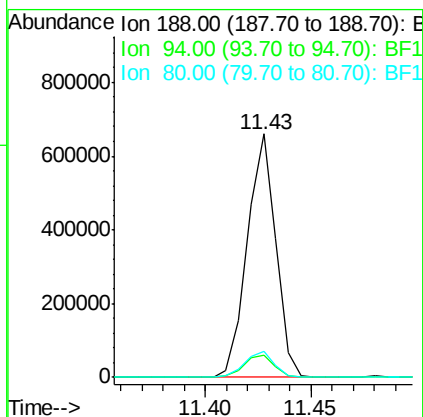
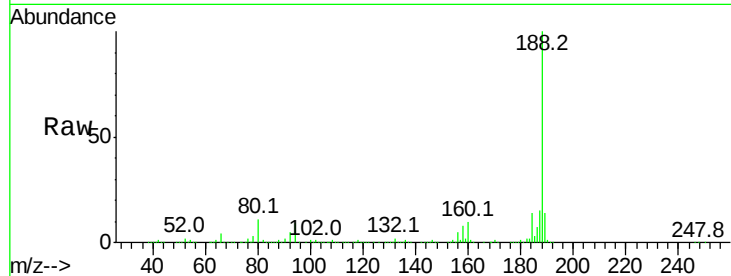




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

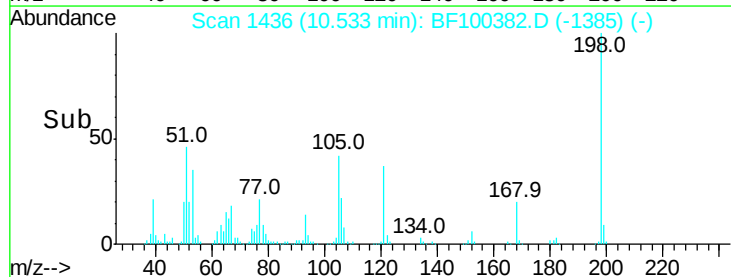
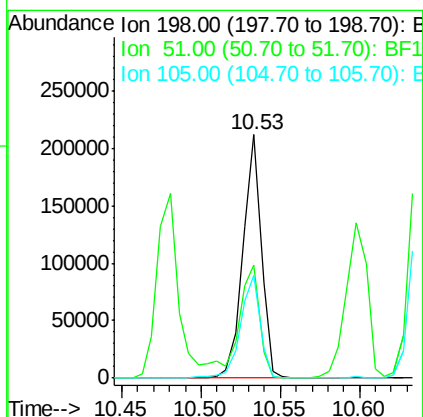
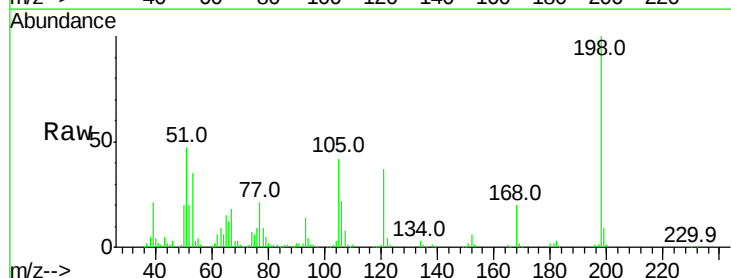
Instrument :
BNA_F
ClientSampleId :

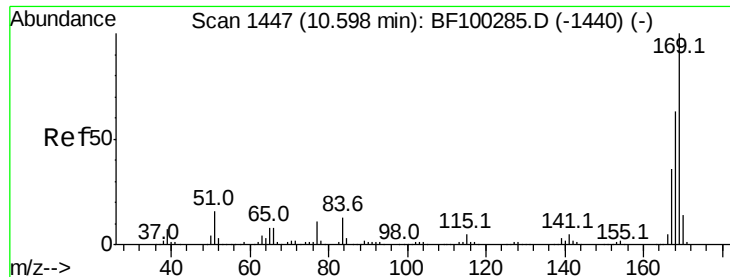
Tot Ion:188 Resp: 619979
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 53.378 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion:198 Resp: 170750
Ion Ratio Lower Upper
198 100
51 46.5 37.7 77.7
105 42.2 36.3 76.3

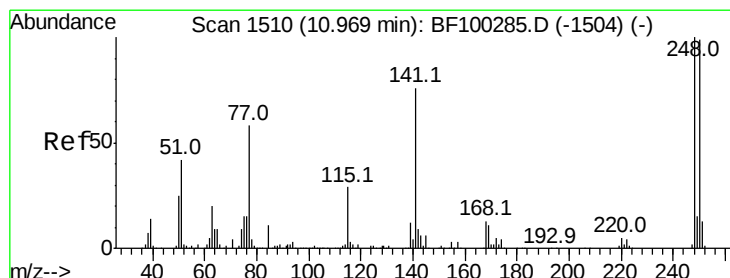
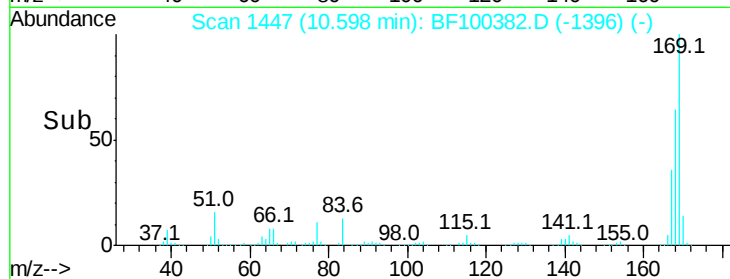
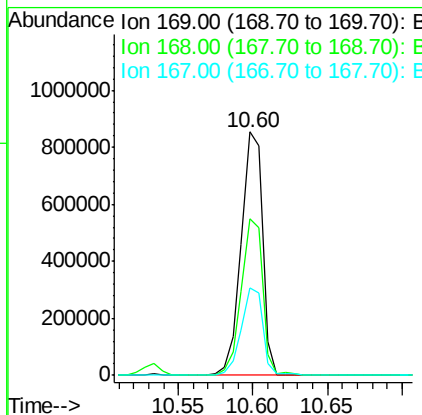
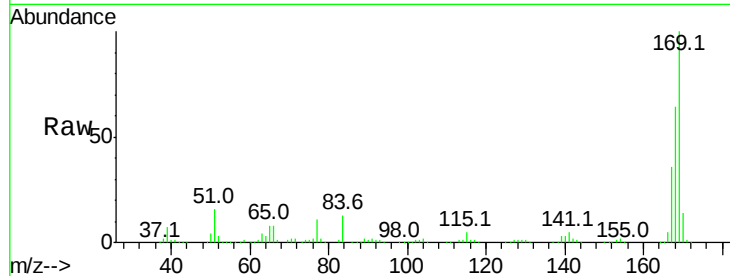




#65
 n-Nitrosodiphenylamine
 Concen: 39.487 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

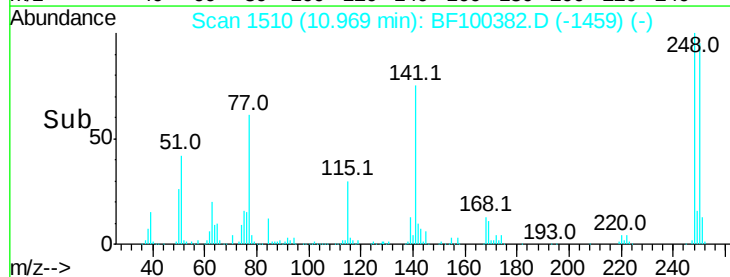
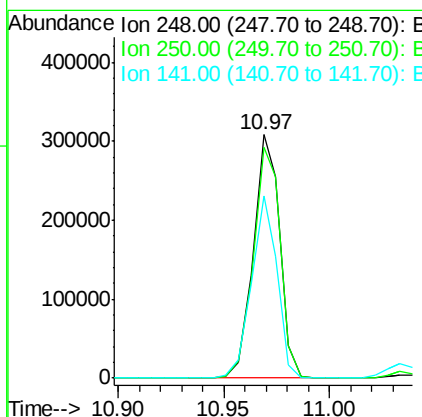
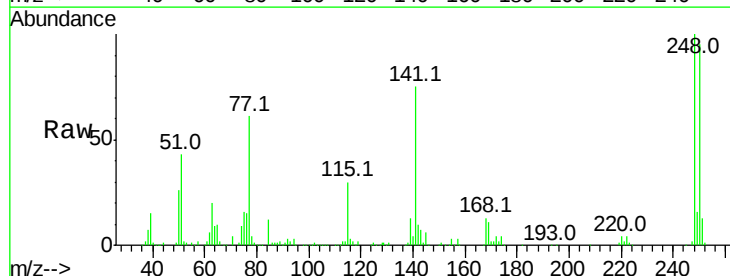
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.2	54.4	81.6
167	35.8	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.377 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.7	76.9	115.3
141	74.9	74.4	111.6

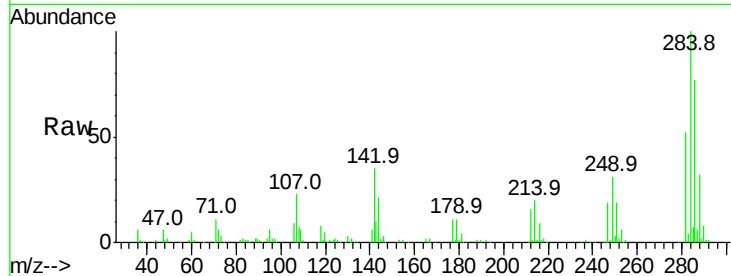




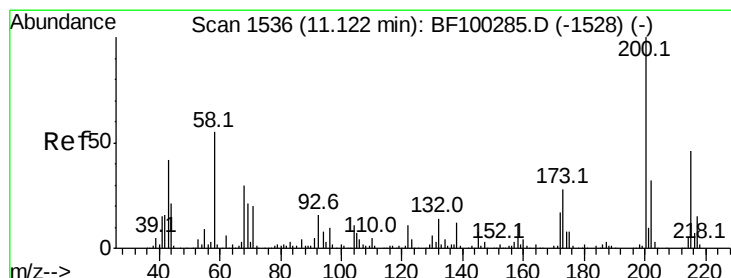
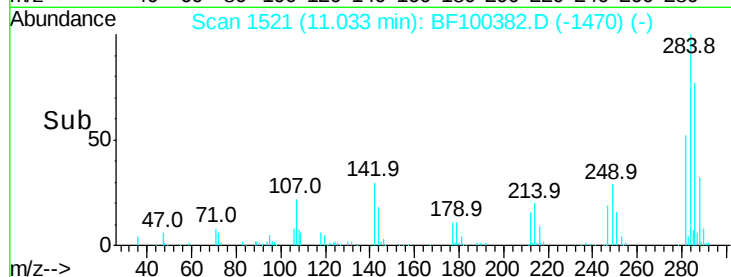
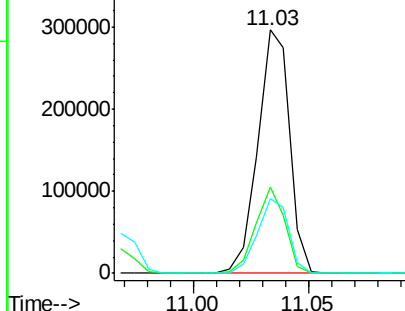
#67
Hexachlorobenzene
Concen: 40.877 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.4	34.6	52.0
249	30.9	24.8	37.2

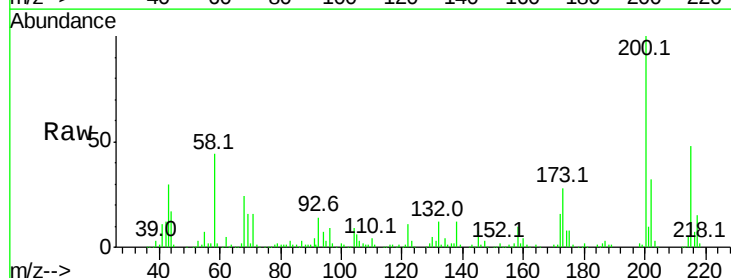


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

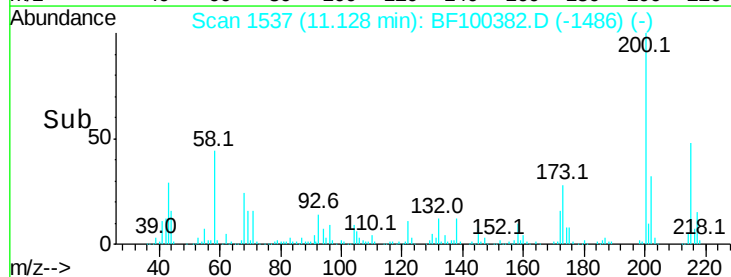
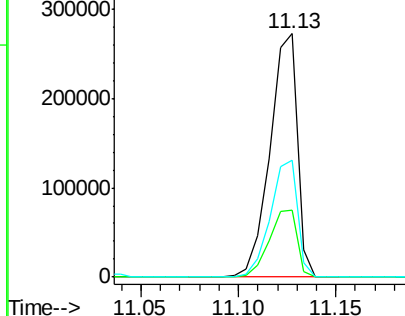


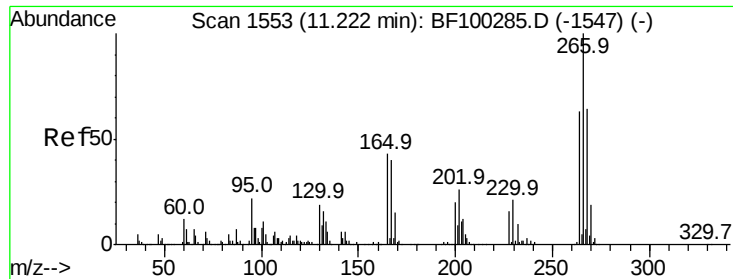
#68
Atrazine
Concen: 40.582 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.6	48.6
215	47.9	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

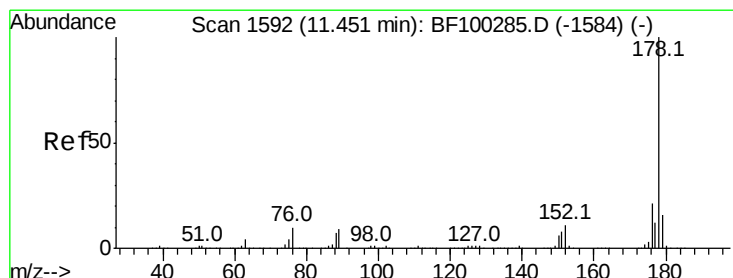
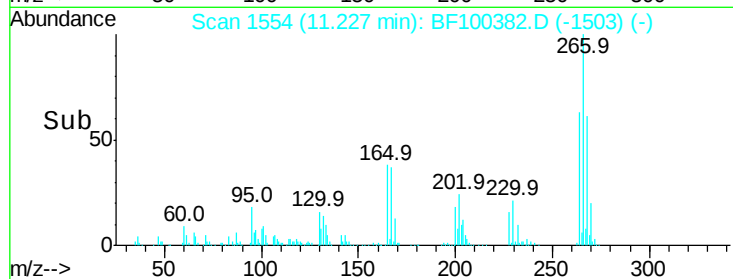
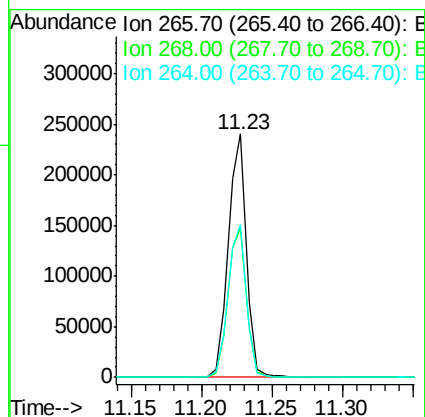
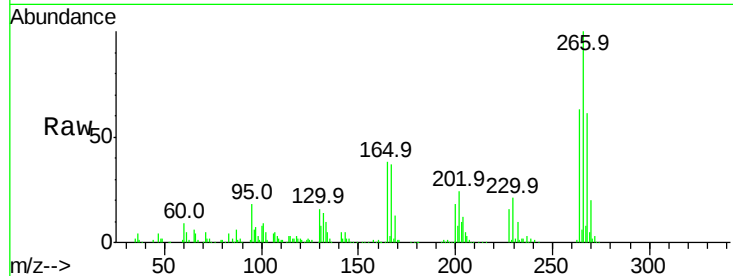




#69
 Pentachlorophenol
 Concen: 42.671 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

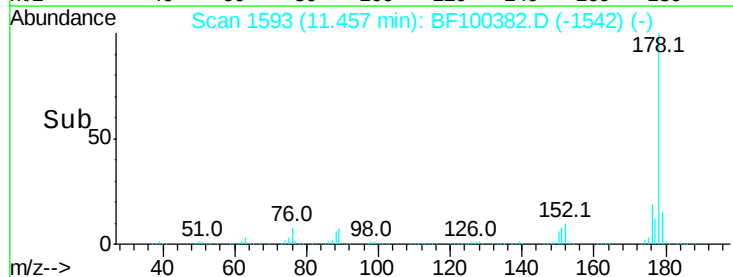
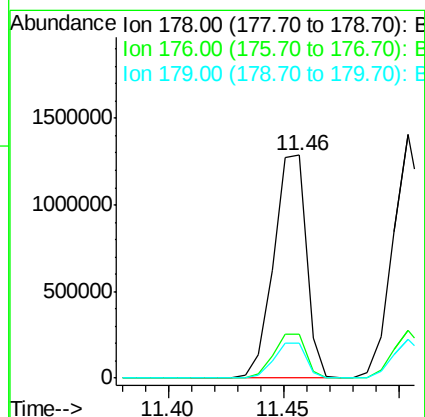
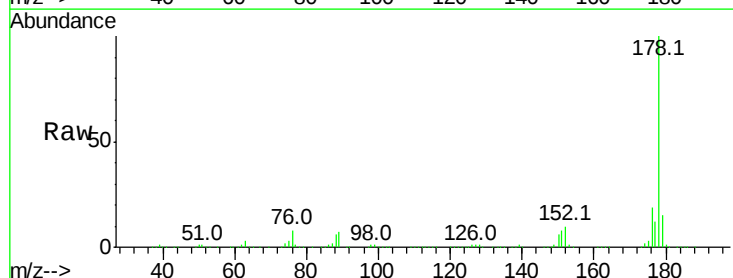
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.3	51.1	76.7
264	62.5	49.5	74.3



#70
 Phenanthrene
 Concen: 38.685 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	13.0	19.6

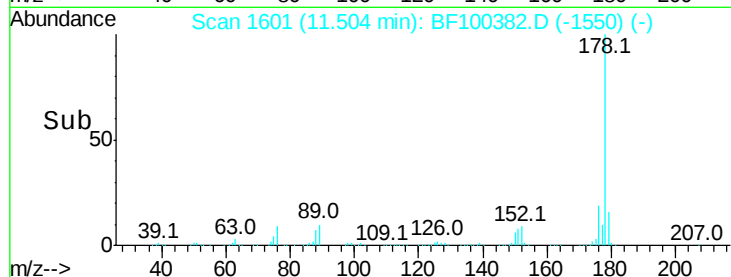
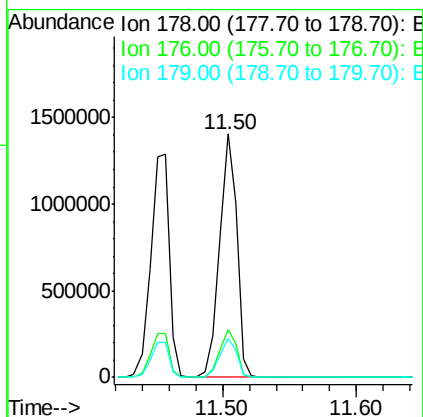
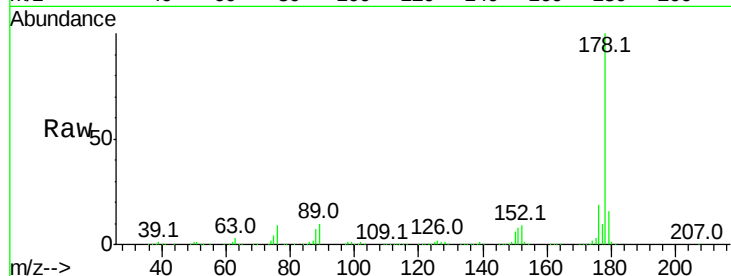




#71
 Anthracene
 Concen: 38.984 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

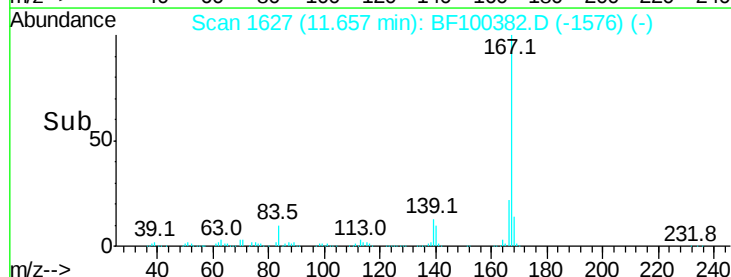
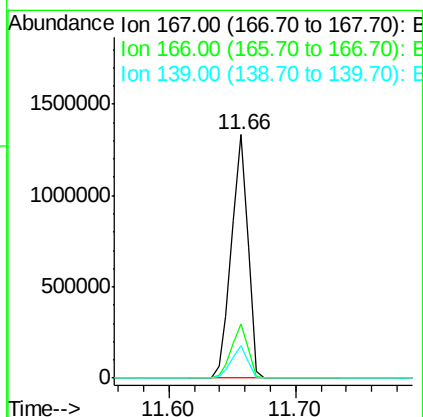
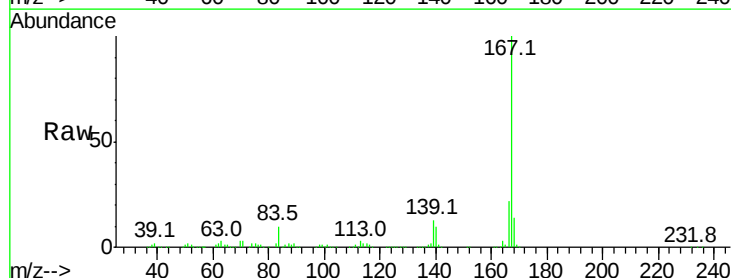
Instrument :
 BNA_F
 ClientSampleId :

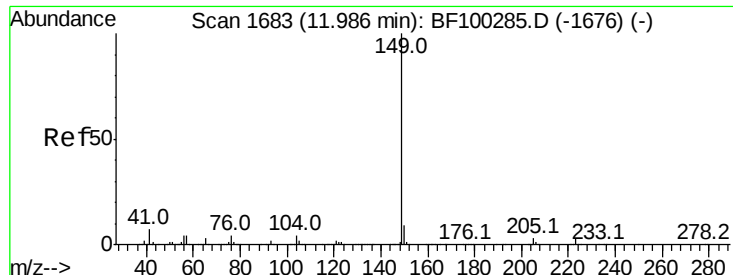
Tot Ion:178 Resp: 1291074
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 39.022 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion:167 Resp: 1192432
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 40.903 ng

RT: 11.99 min Scan# 1683

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampleId :

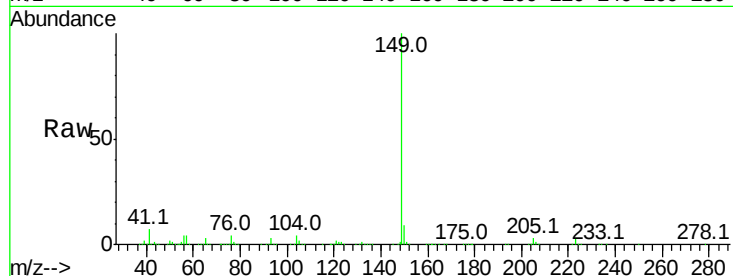
Tot Ion:149 Resp: 1462702

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

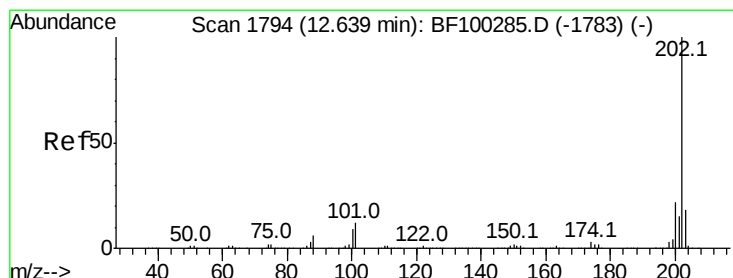
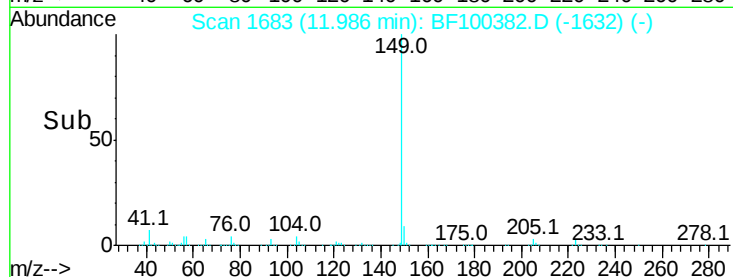
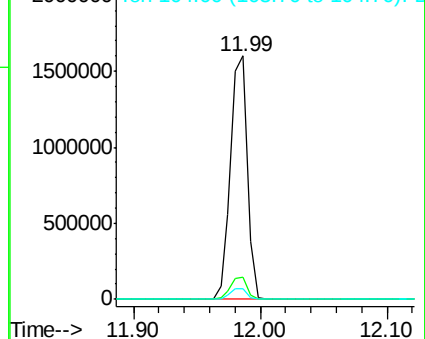
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.038 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

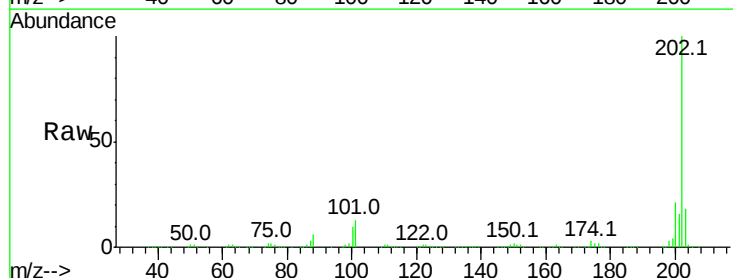
Tgt Ion:202 Resp: 1350531

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

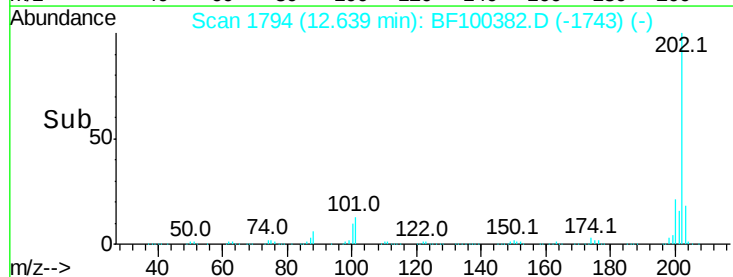
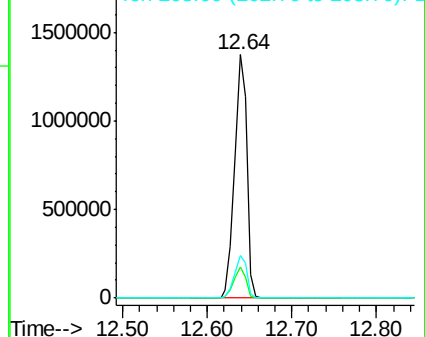
203 17.5 0.0 38.1



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: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampleId :

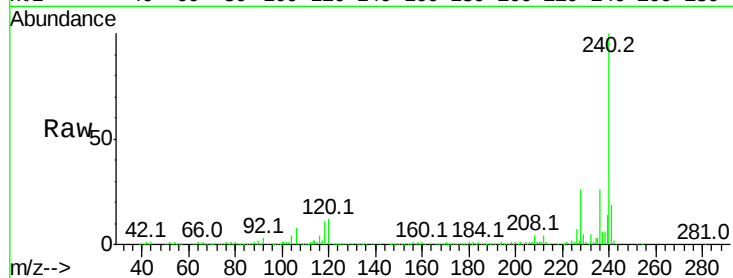
Tot Ion:240 Resp: 478338

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

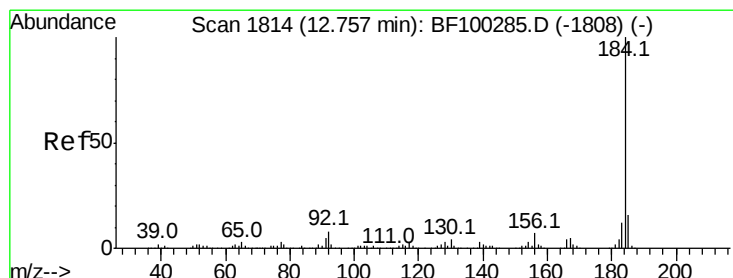
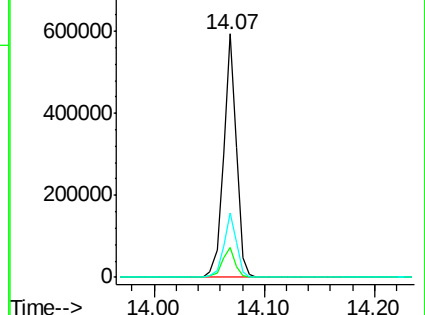
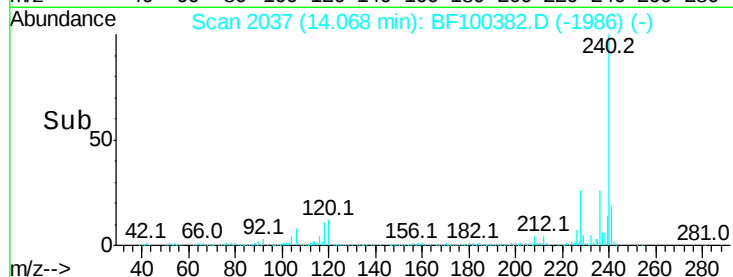
236 26.3 20.7 31.1



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: 38.313 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

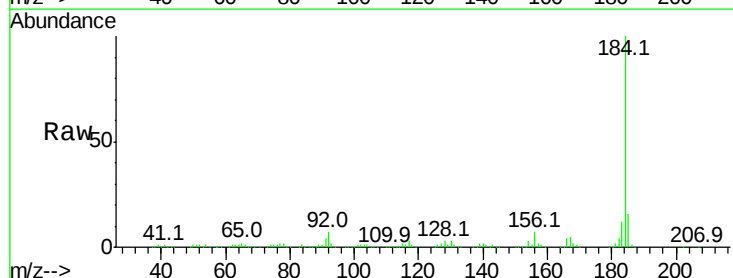
Tgt Ion:184 Resp: 733945

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

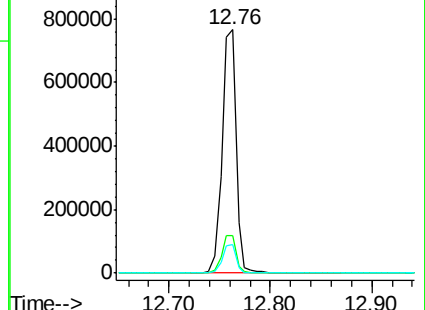
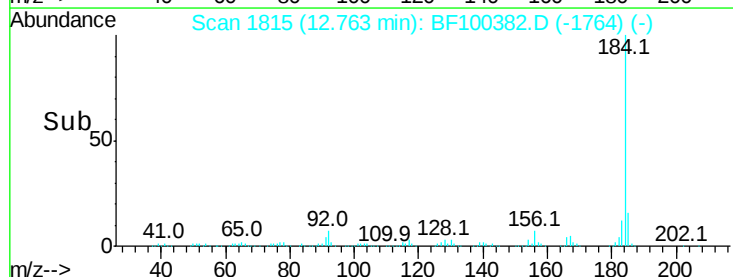
183 11.9 9.3 13.9

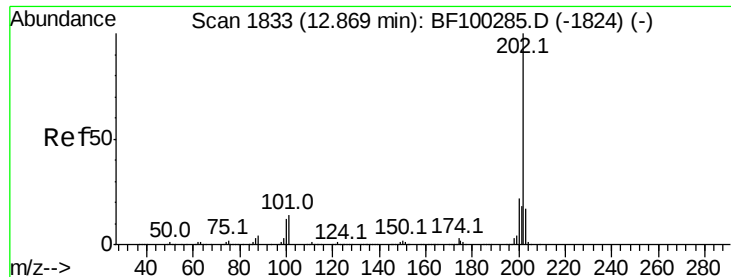


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.270 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampleId :

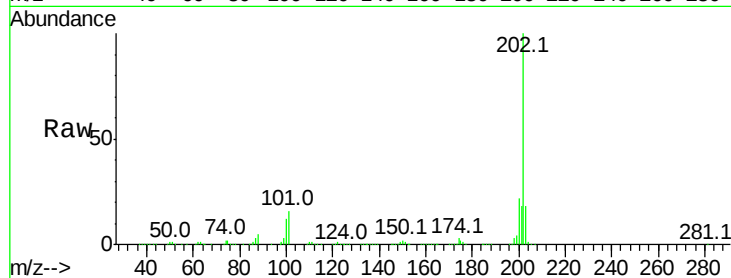
Tot Ion:202 Resp: 1373135

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

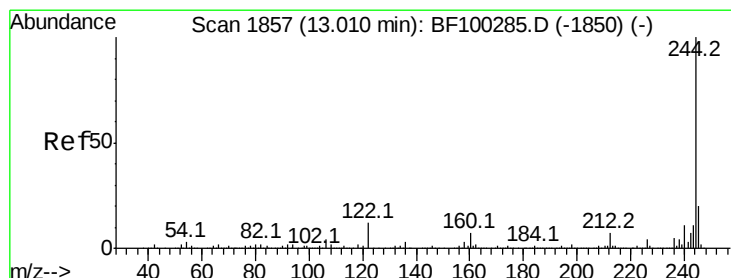
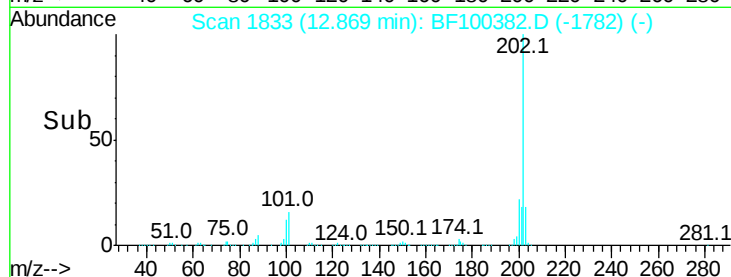
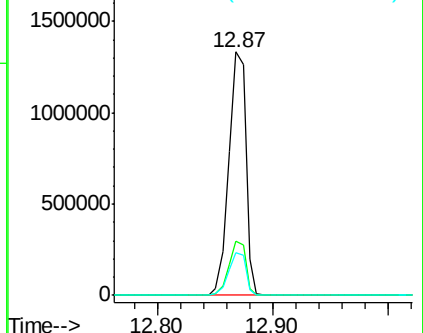
203 17.8 14.3 21.5



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: 77.129 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

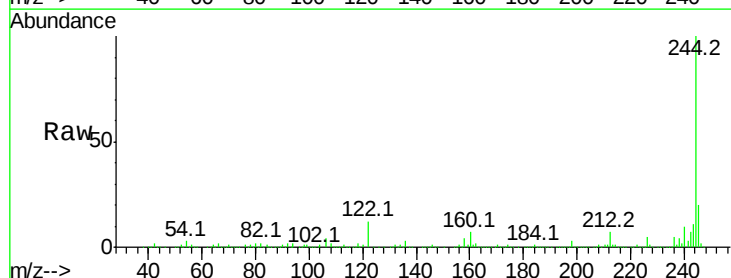
Tgt Ion:244 Resp: 1605678

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

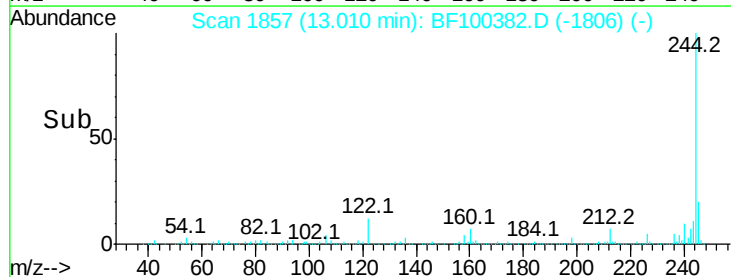
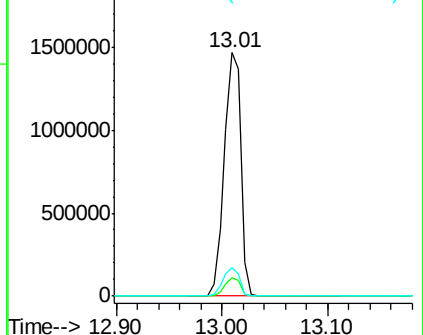
122 11.8 11.0 16.4

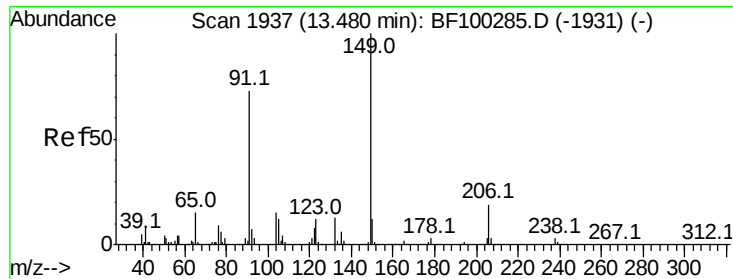


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

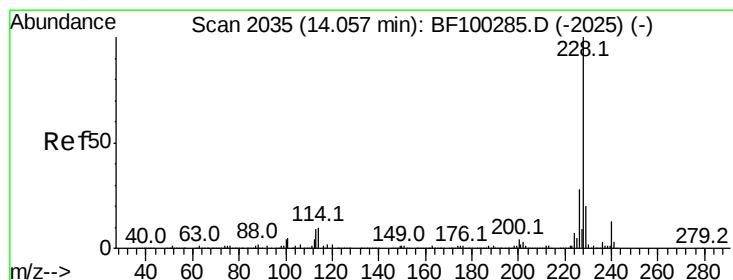
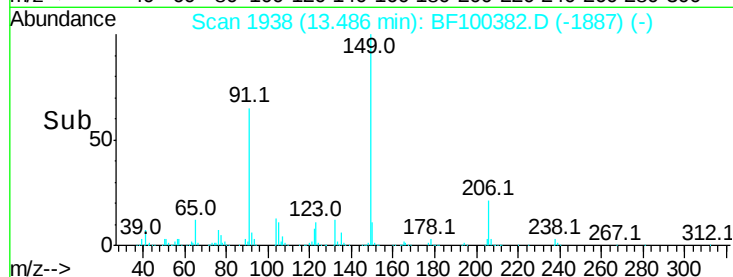
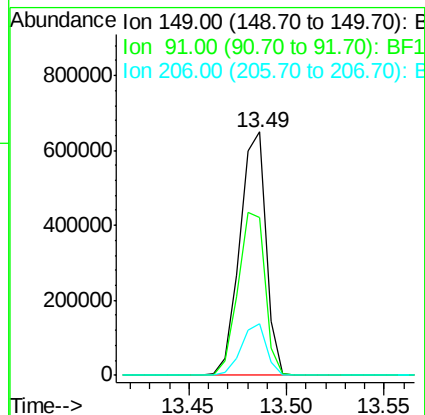
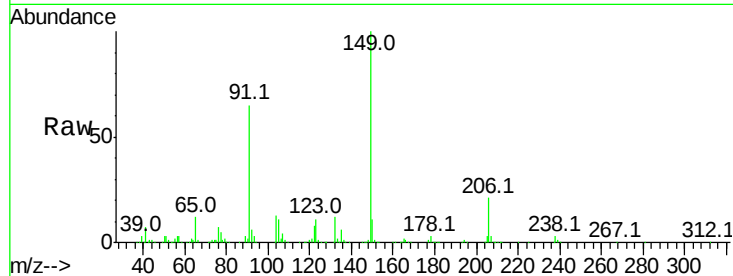




#79
Butylbenzylphthalate
Concen: 43.588 ng
RT: 13.49 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

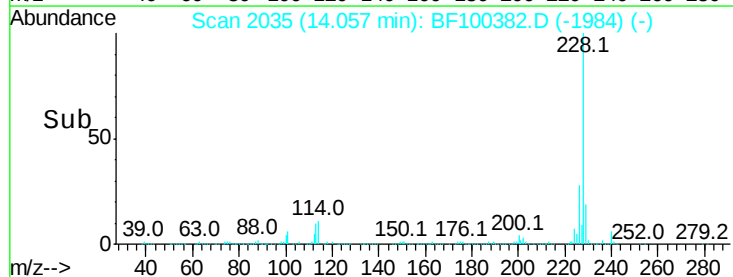
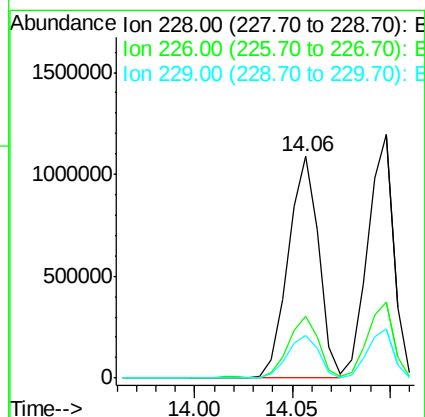
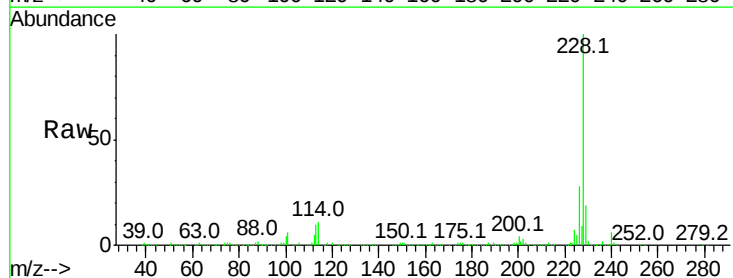
Instrument :
BNA_F
ClientSampleId :

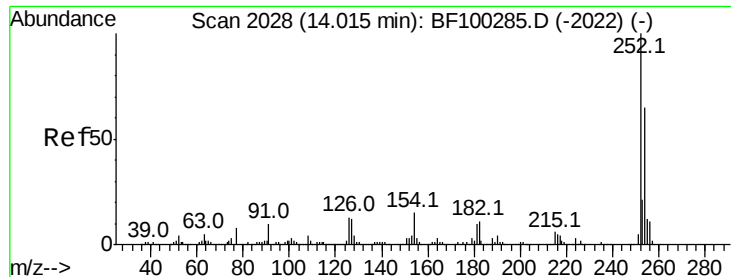
Tot Ion:149 Resp: 606116
Ion Ratio Lower Upper
149 100
91 64.8 56.8 85.2
206 21.1 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 40.767 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion:228 Resp: 1174316
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.2 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 41.751 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampleId :

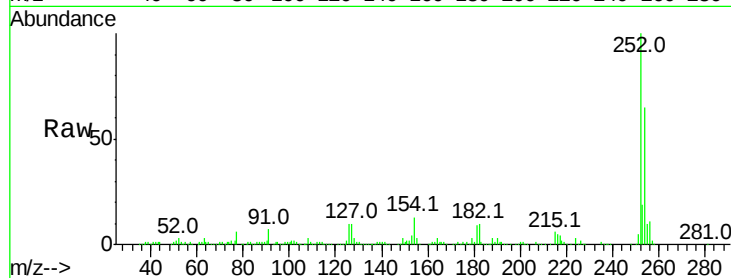
Tot Ion:252 Resp: 430892

Ion Ratio Lower Upper

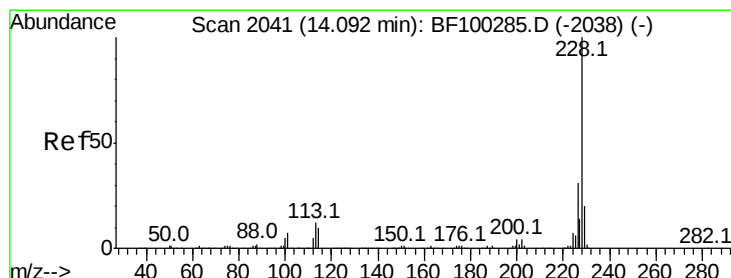
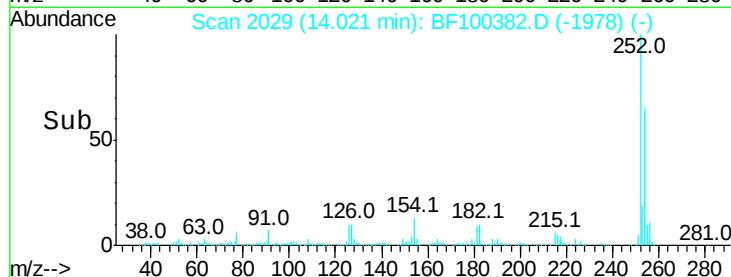
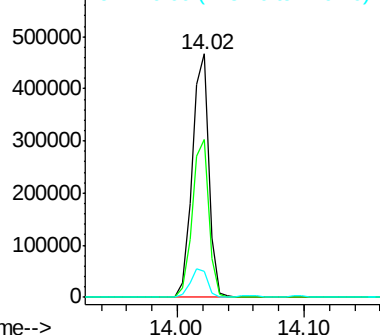
252 100

254 64.9 50.4 75.6

126 10.5 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: 39.564 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

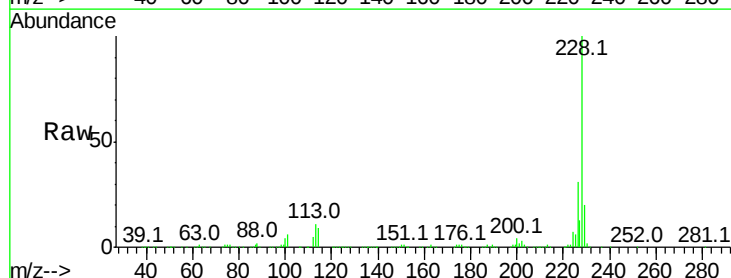
Tgt Ion:228 Resp: 1103588

Ion Ratio Lower Upper

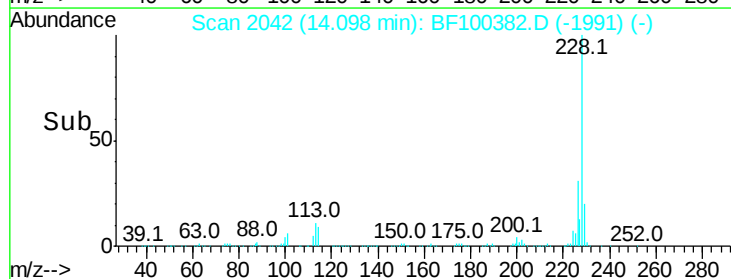
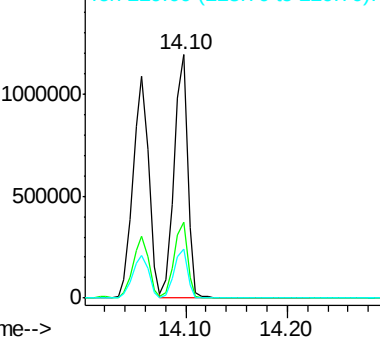
228 100

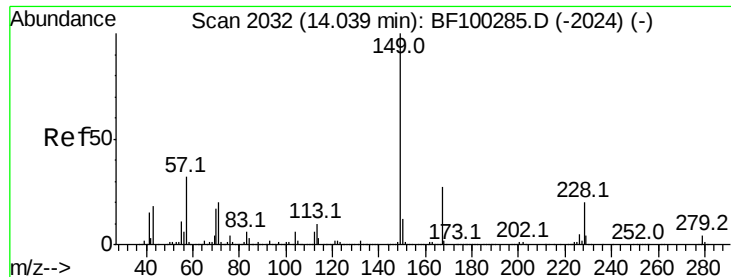
226 31.4 25.0 37.6

229 20.0 16.2 24.4



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

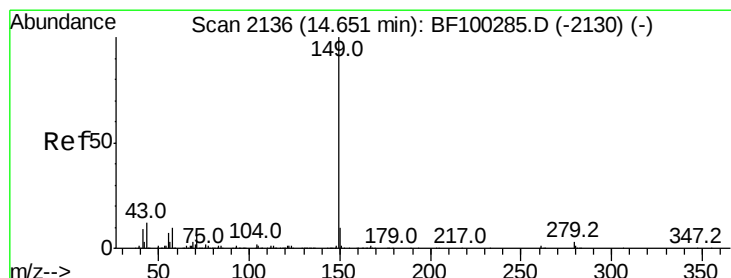
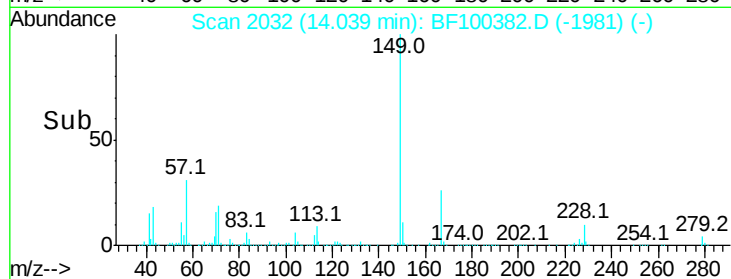
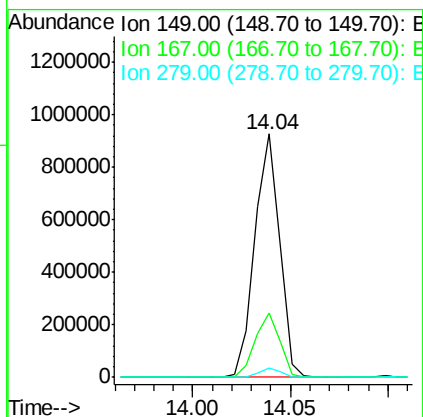
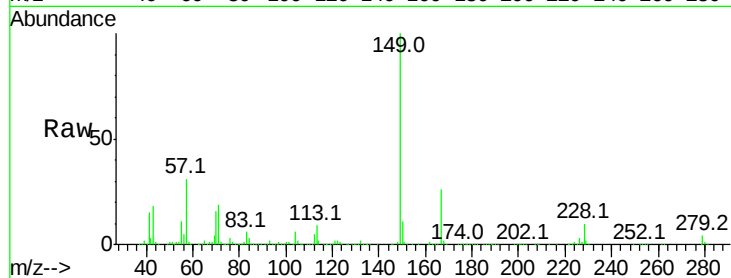




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.682 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

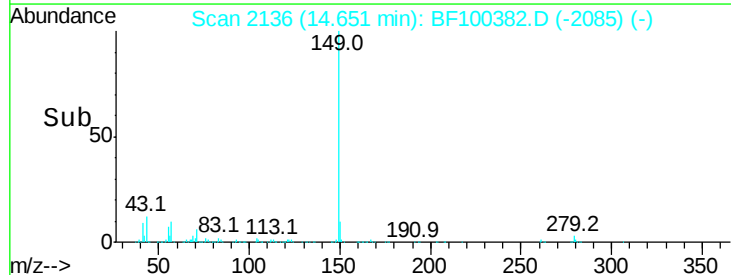
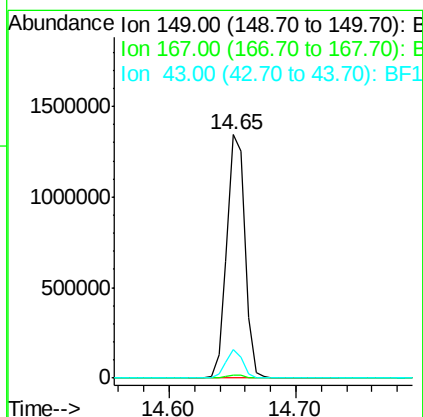
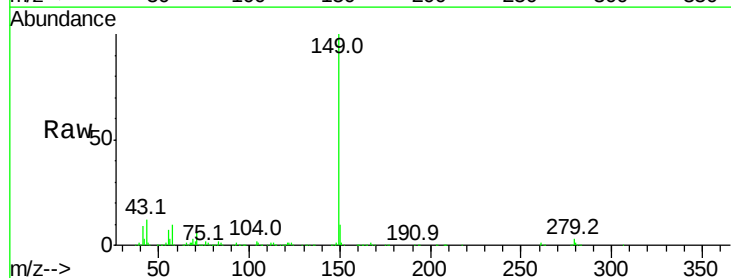
Instrument :
 BNA_F
 ClientSampleId :

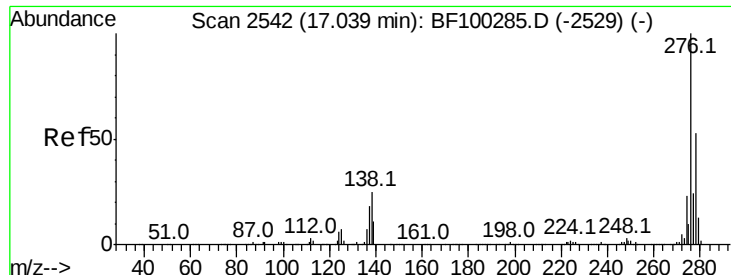
Tot Ion:149 Resp: 817192
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 42.217 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. 0.00 min
 Lab File: BF100382.D
 Acq: 10 Nov 2017 11:11

Tgt Ion:149 Resp: 1326441
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 11.1 8.4 12.6

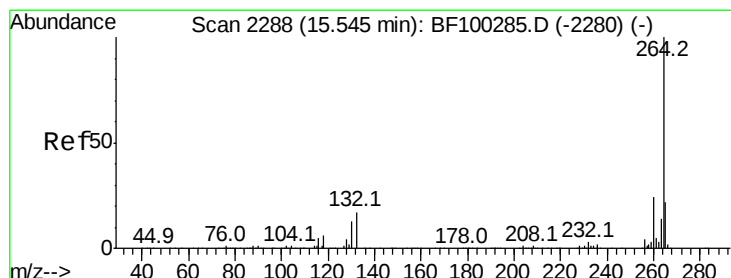
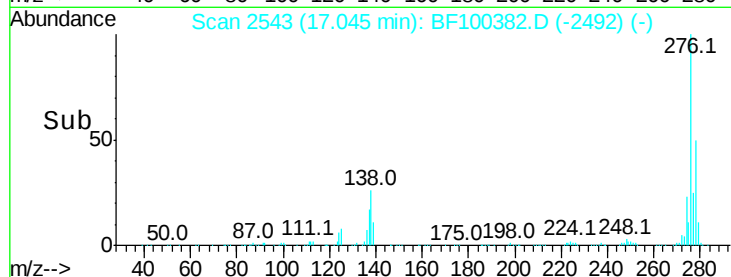
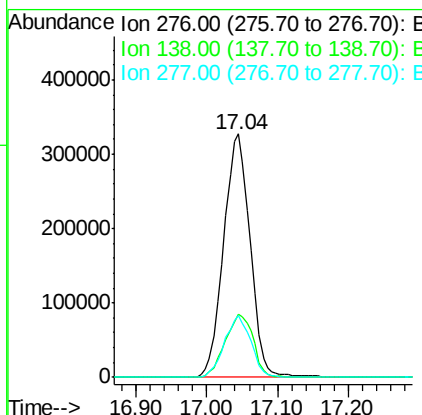
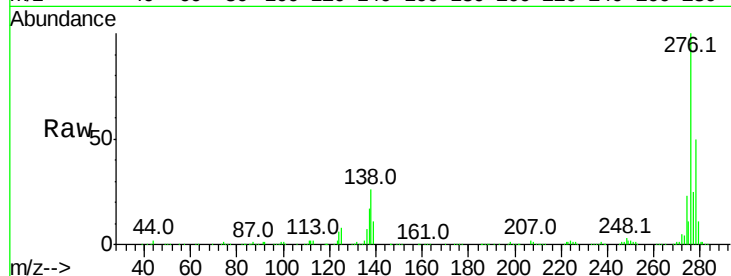




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.888 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

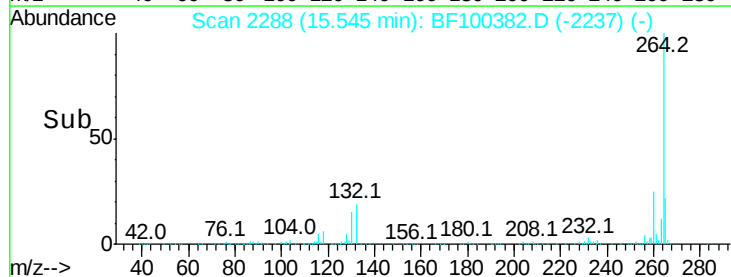
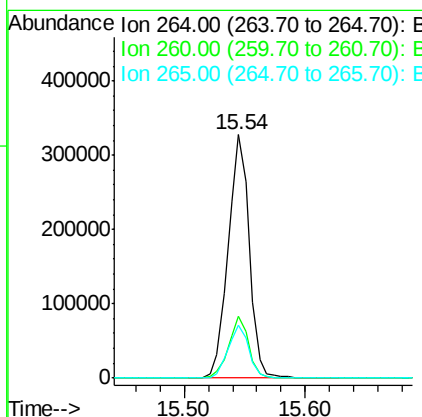
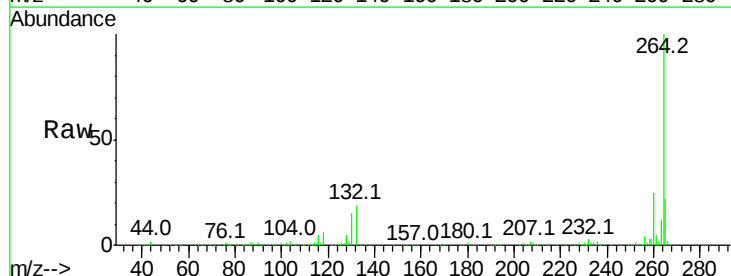
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	25.0	37.6
277	25.3	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 42.717 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampled :

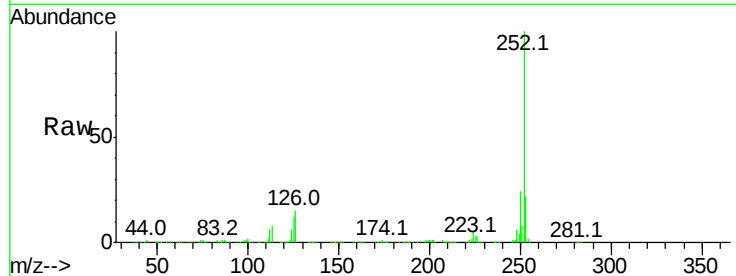
Tot Ion:252 Resp: 1008863

Ion Ratio Lower Upper

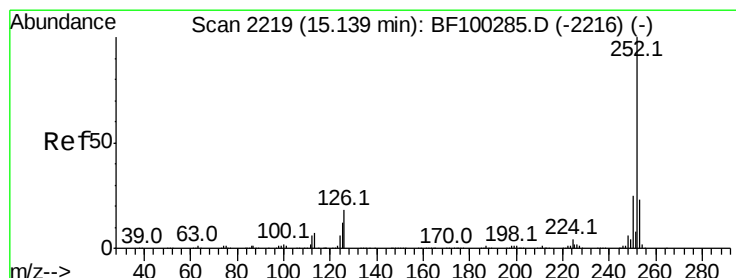
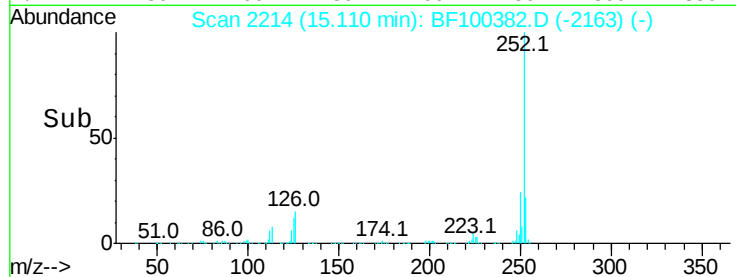
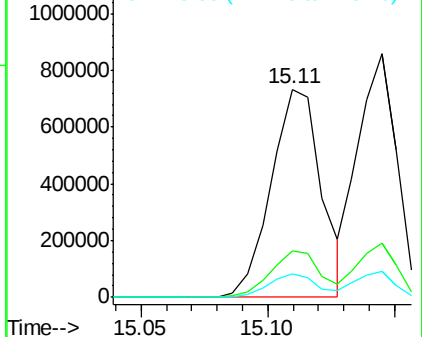
252 100

253 22.1 17.0 25.6

125 11.5 9.0 13.6



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



#88

Benzo(k)fluoranthene

Concen: 41.963 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

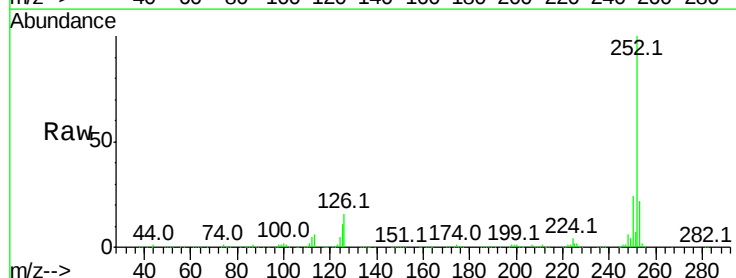
Tgt Ion:252 Resp: 936399

Ion Ratio Lower Upper

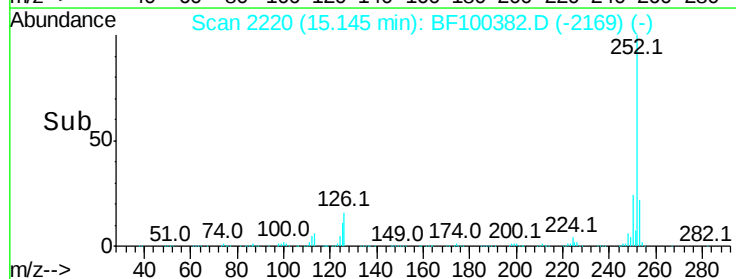
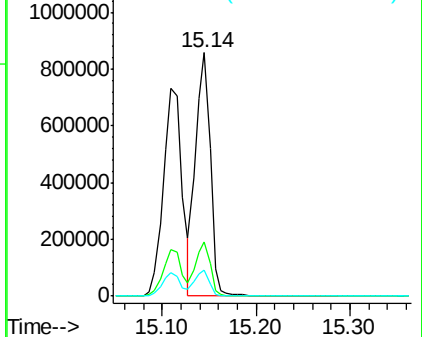
252 100

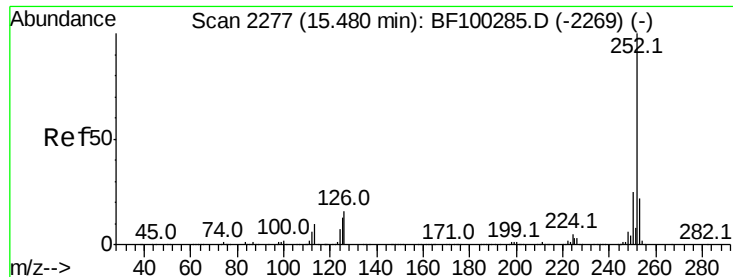
253 22.0 17.9 26.9

125 10.8 10.2 15.2



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

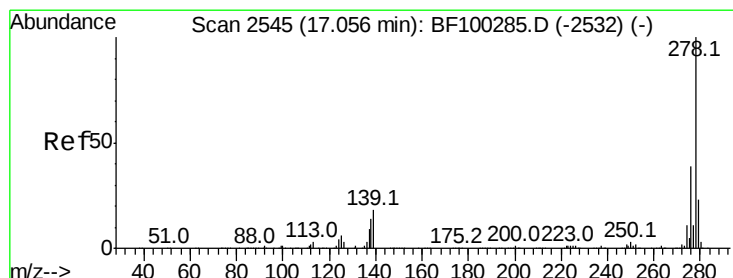
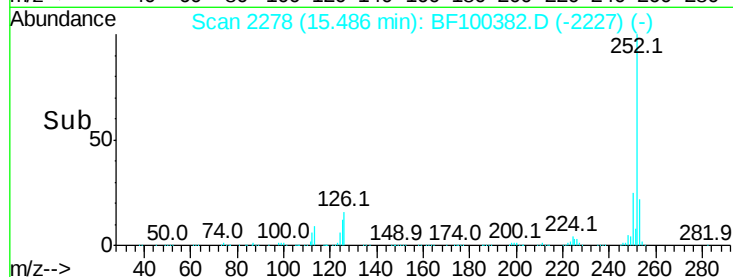
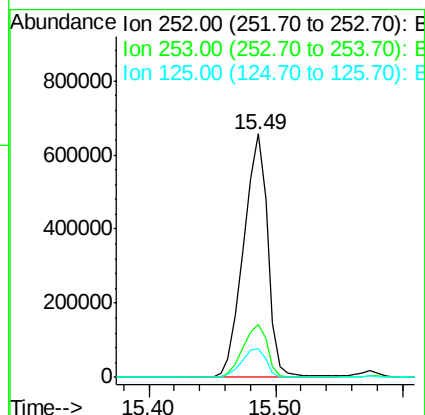
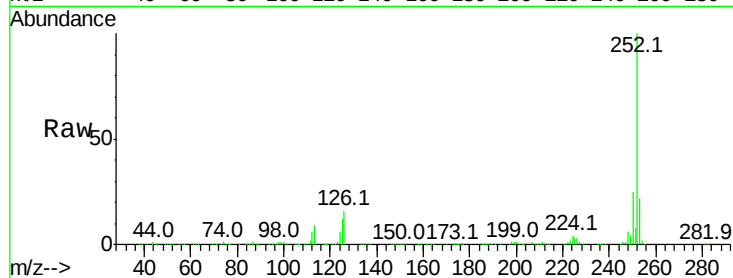




#89
Benzo(a)pyrene
Concen: 41.517 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

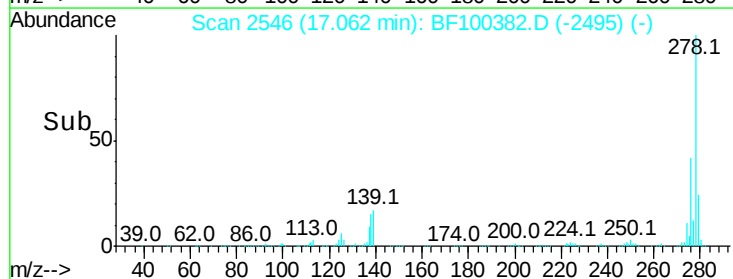
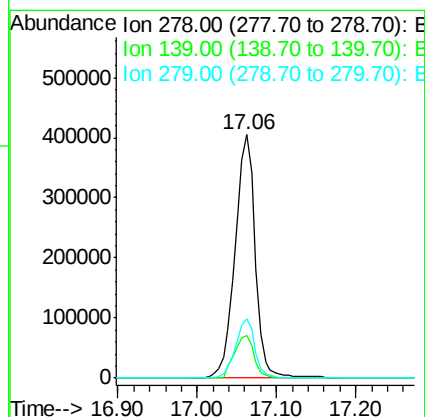
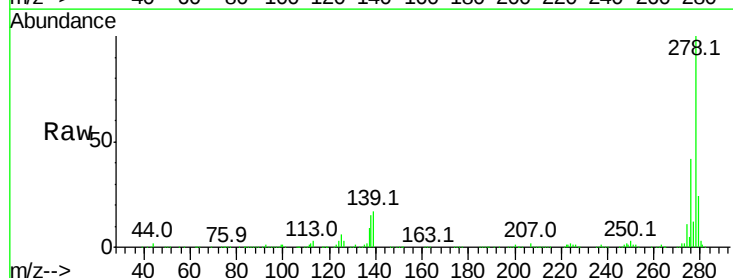
Instrument :
BNA_F
ClientSampleId :

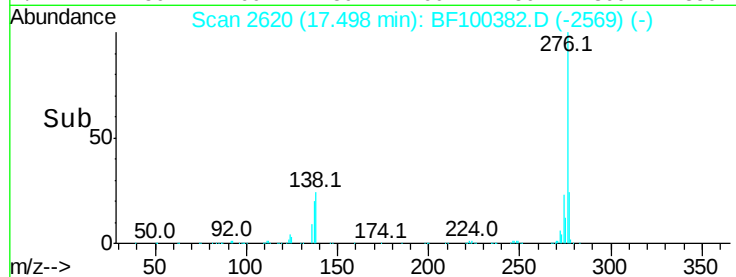
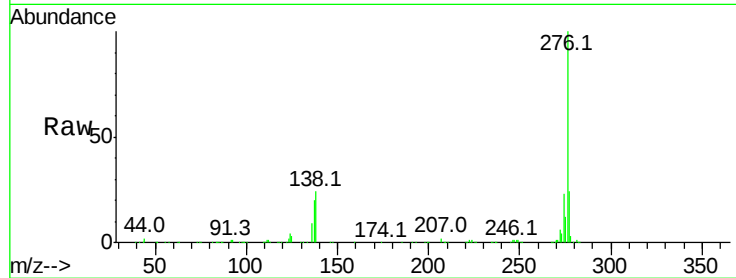
Tot Ion:252 Resp: 869263
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 12.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 41.801 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.00 min
Lab File: BF100382.D
Acq: 10 Nov 2017 11:11

Tgt Ion:278 Resp: 715756
Ion Ratio Lower Upper
278 100
139 17.4 15.9 23.9
279 24.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 42.009 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.00 min

Lab File: BF100382.D

Acq: 10 Nov 2017 11:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 704130

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 23.8 21.8 32.8

