

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100427.D
 Acq On : 11 Nov 2017 7:57
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 13 07:19:36 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	139028	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	534840	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	223077	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	358392	20.00	ng	0.00
75) Chrysene-d12	14.06	240	269934	20.00	ng	0.00
86) Perylene-d12	15.54	264	220113	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	707577	81.58	ng	0.00
7) Phenol-d6	6.53	99	868060	81.16	ng	0.00
23) Nitrobenzene-d5	7.47	82	767433	94.86	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	169708	74.66	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1272928	86.89	ng	0.00
78) Terphenyl-d14	13.01	244	976957	83.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	175451	41.511	ng	95
3) Pyridine	3.47	79	476599	41.331	ng	95
4) n-Nitrosodimethylamine	3.42	42	229556	41.002	ng	97
6) Aniline	6.57	93	598592	39.617	ng	99
8) 2-Chlorophenol	6.69	128	378613	41.265	ng	98
9) Benzaldehyde	6.46	77	307312	40.236	ng	97
10) Phenol	6.54	94	451682	40.230	ng	98
11) bis(2-Chloroethyl)ether	6.64	93	388805	41.228	ng	98
12) 1,3-Dichlorobenzene	6.85	146	425296	40.204	ng	97
13) 1,4-Dichlorobenzene	6.92	146	435910	40.714	ng	98
14) 1,2-Dichlorobenzene	7.07	146	397848	40.190	ng	97
15) Benzyl Alcohol	7.04	79	328255	39.326	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	499721	33.131	ng	98
17) 2-Methylphenol	7.15	107	311553	39.735	ng	99
18) Hexachloroethane	7.42	117	107743	30.521	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	276421	37.268	ng	93
20) 3+4-Methylphenols	7.30	107	379768	38.275	ng	# 83
22) Acetophenone	7.32	105	518230	39.736	ng	# 98
24) Nitrobenzene	7.49	77	399571	47.989	ng	100
25) Isophorone	7.72	82	674001	39.647	ng	99
26) 2-Nitrophenol	7.80	139	162416	42.320	ng	97
27) 2,4-Dimethylphenol	7.83	122	302910	39.748	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	467391	42.032	ng	99
29) 2,4-Dichlorophenol	8.04	162	299473	41.164	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	323155	41.064	ng	96
31) Naphthalene	8.21	128	1041610	40.434	ng	100
32) Benzoic acid	7.96	122	43567	15.379	ng	96
33) 4-Chloroaniline	8.25	127	434670	40.537	ng	98
34) Hexachlorobutadiene	8.32	225	192085	41.053	ng	100
35) Caprolactam	8.63	113	89432	35.820	ng	94
36) 4-Chloro-3-methylphenol	8.73	107	298636	38.221	ng	98
37) 2-Methylnaphthalene	8.90	142	662447	38.734	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	341549	46.166	ng	# 97
40) Hexachlorocyclopentadiene	9.05	237	18496	5.312	ng	93

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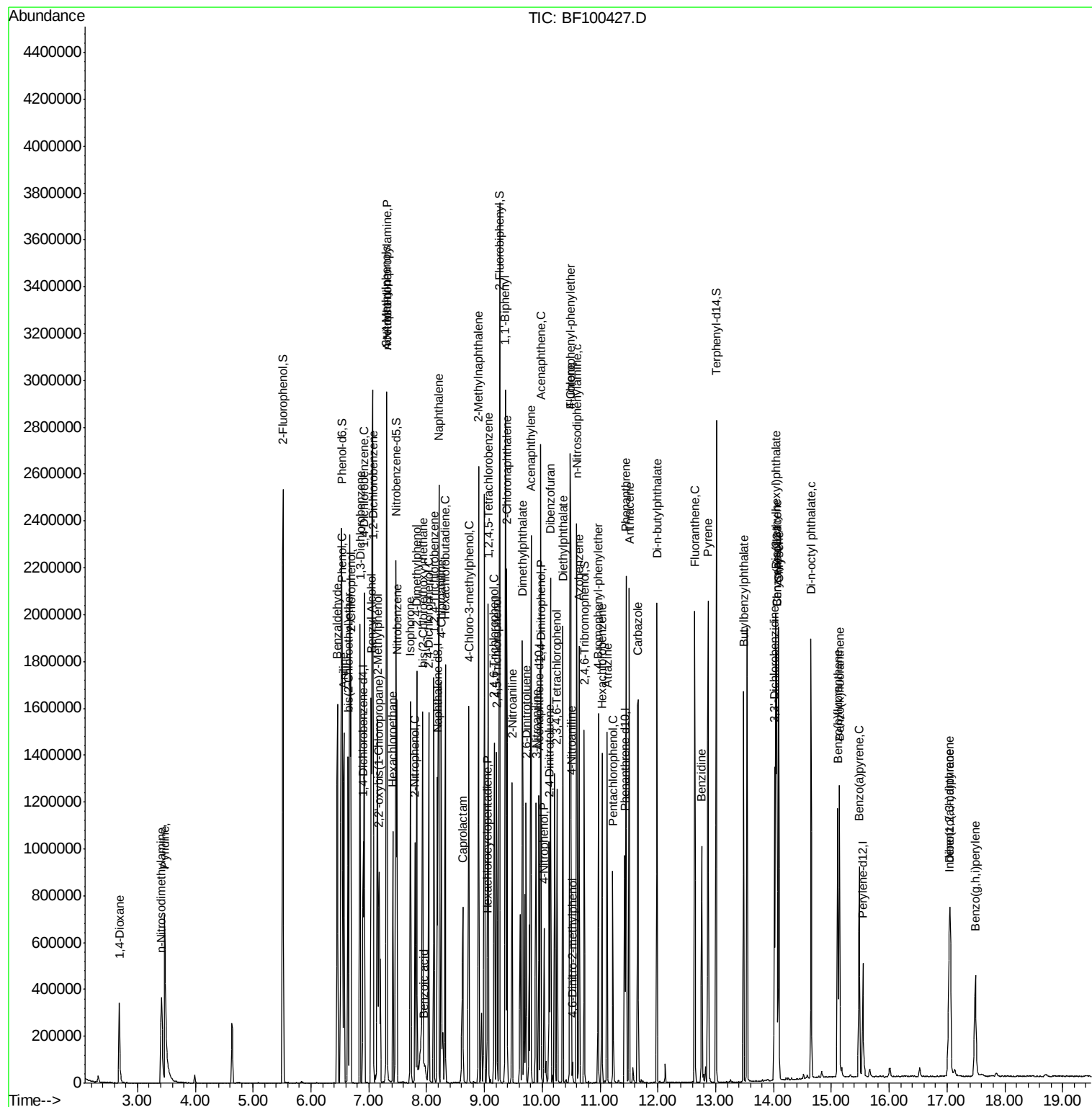
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	200604	42.782	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	204782	42.153	ng	94
45) 1,1'-Biphenyl	9.36	154	834938	43.275	ng	99
46) 2-Chloronaphthalene	9.39	162	604277	43.172	ng	97
47) 2-Nitroaniline	9.48	65	200965	48.556	ng	96
48) Acenaphthylene	9.80	152	936960	40.393	ng	100
49) Dimethylphthalate	9.66	163	737498	43.300	ng	99
50) 2,6-Dinitrotoluene	9.72	165	143859	42.670	ng	92
51) Acenaphthene	9.97	154	549362	38.941	ng	99
52) 3-Nitroaniline	9.89	138	178305	44.787	ng	94
53) 2,4-Dinitrophenol	9.99	184	3414	10.966	ng	# 1
54) Dibenzofuran	10.15	168	788308	39.869	ng	99
55) 4-Nitrophenol	10.03	139	103789	32.107	ng	93
56) 2,4-Dinitrotoluene	10.12	165	170126	40.000	ng	91
57) Fluorene	10.49	166	567778	39.198	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	142025	35.670	ng	# 88
59) Diethylphthalate	10.36	149	708757	41.583	ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	297953	41.932	ng	90
61) 4-Nitroaniline	10.50	138	155212	41.116	ng	92
62) Azobenzene	10.64	77	612608	38.161	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	10711	13.432	ng	81
65) n-Nitrosodiphenylamine	10.60	169	583518	46.825	ng	95
66) 4-Bromophenyl-phenylether	10.97	248	178151	46.370	ng	# 89
67) Hexachlorobenzene	11.03	284	177620	44.204	ng	# 91
68) Atrazine	11.12	200	166573	44.158	ng	98
69) Pentachlorophenol	11.23	266	105925	36.763	ng	98
70) Phenanthrene	11.45	178	774469	41.043	ng	99
71) Anthracene	11.50	178	774719	40.467	ng	99
72) Carbazole	11.66	167	684603	38.756	ng	99
73) Di-n-butylphthalate	11.98	149	986195	47.707	ng	99
74) Fluoranthene	12.64	202	761833	38.095	ng	97
76) Benzidine	12.76	184	369036	34.138	ng	99
77) Pyrene	12.87	202	782601	40.672	ng	99
79) Butylbenzylphthalate	13.48	149	352319	44.898	ng	99
80) Benzo(a)anthracene	14.06	228	682790	42.004	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	258417	44.370	ng	98
82) Chrysene	14.09	228	644027	40.914	ng	98
83) Bis(2-ethylhexyl)phthalate	14.04	149	497788	48.231	ng	100
84) Di-n-octyl phthalate	14.65	149	843626	47.581	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	468164	36.770	ng	96
87) Benzo(b)fluoranthene	15.11	252	587761	45.072	ng	99
88) Benzo(k)fluoranthene	15.14	252	504919	40.979	ng	98
89) Benzo(a)pyrene	15.48	252	479850	41.506	ng	99
90) Dibenzo(a,h)anthracene	17.06	278	405236	42.861	ng	97
91) Benzo(g,h,i)perylene	17.49	276	378420	40.888	ng	95

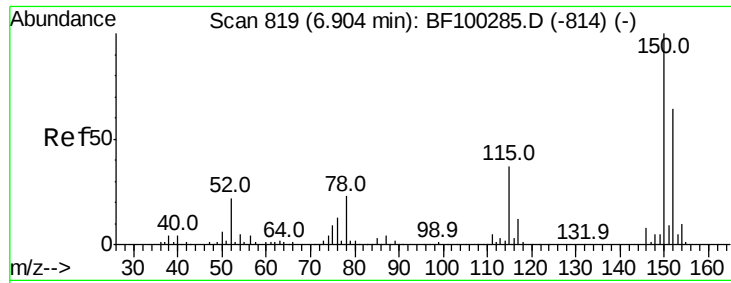
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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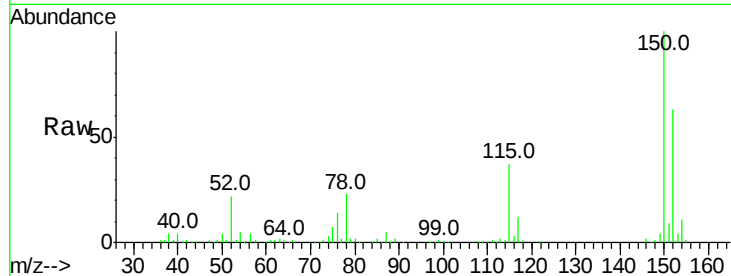


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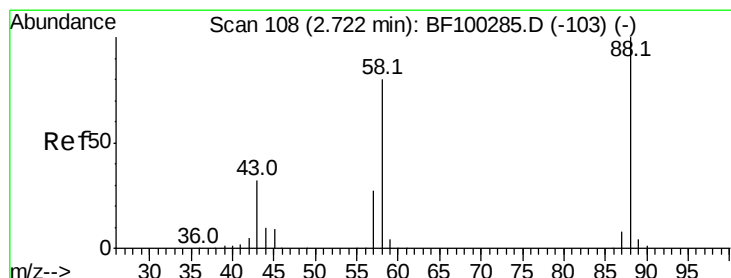
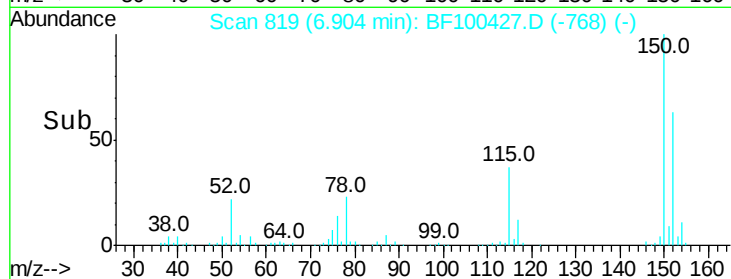
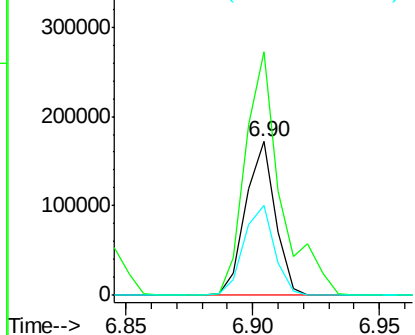
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 139028
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 58.7 50.1 75.1



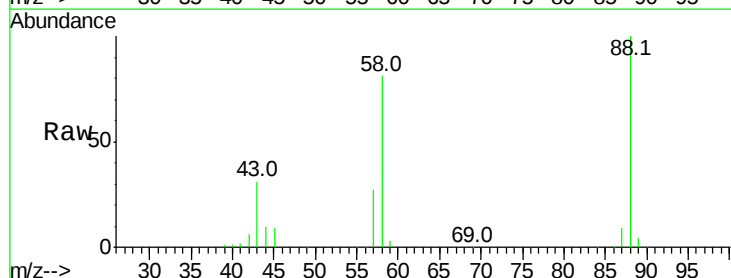
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



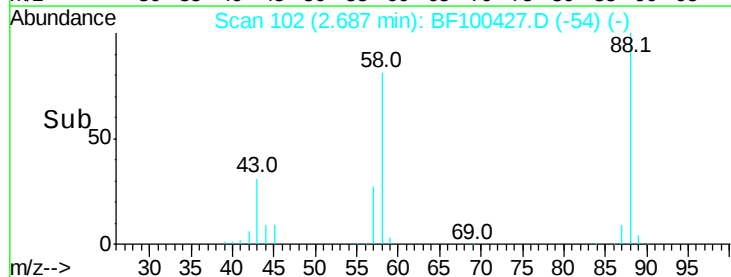
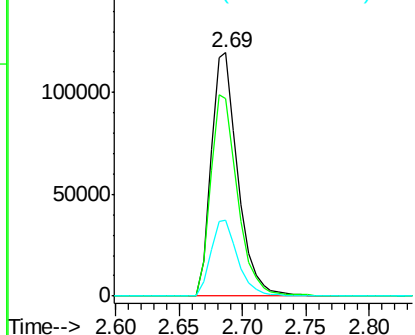
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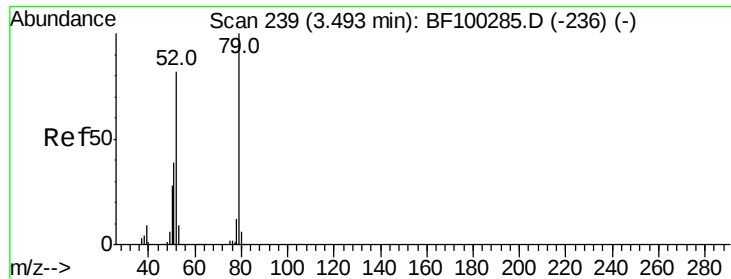
1,4-Dioxane
Concen: 41.511 ng
RT: 2.69 min Scan# 102
Delta R.T. -0.02 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion: 88 Resp: 175451
Ion Ratio Lower Upper
88 100
58 83.6 62.6 93.8
43 31.6 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: 41.331 ng

RT: 3.47 min Scan# 235

Delta R.T. -0.01 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

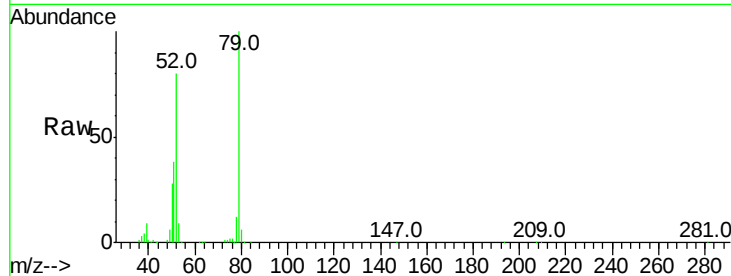
Tot Ion: 79 Resp: 476599

Ion Ratio Lower Upper

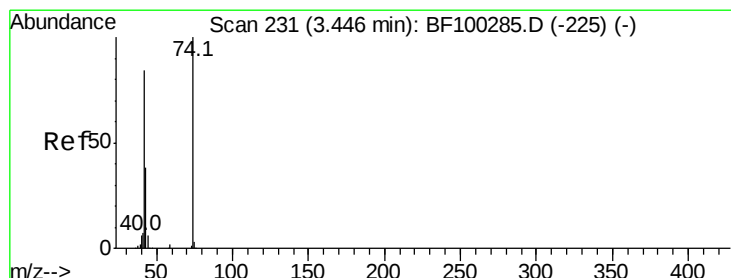
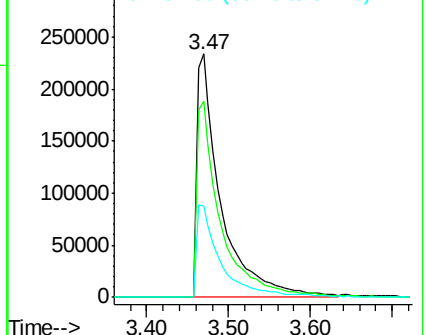
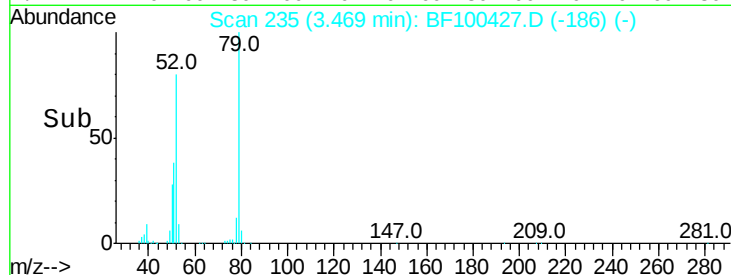
79 100

52 80.4 59.8 89.6

51 37.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.002 ng

RT: 3.42 min Scan# 226

Delta R.T. -0.02 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

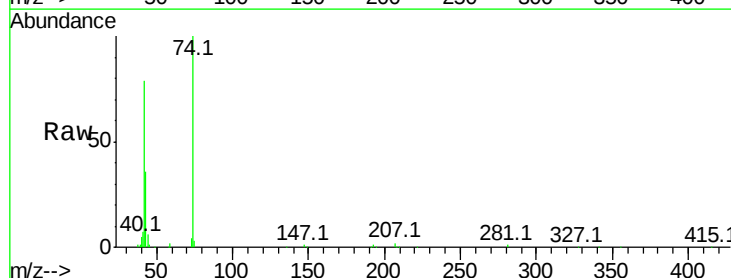
Tgt Ion: 42 Resp: 229556

Ion Ratio Lower Upper

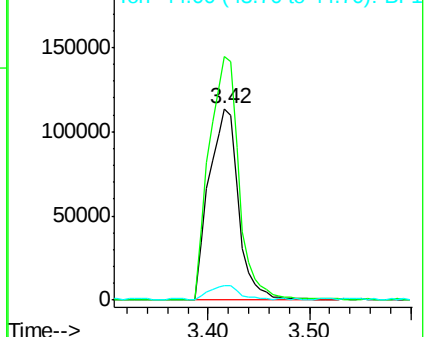
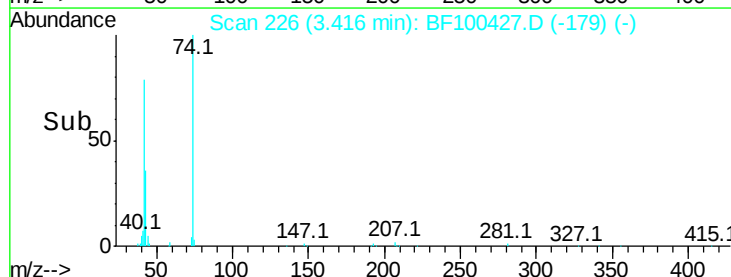
42 100

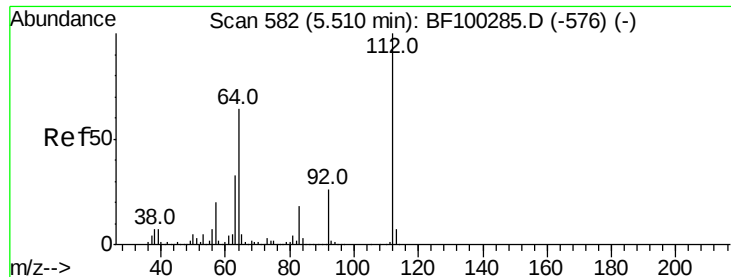
74 127.1 104.9 157.3

44 7.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 81.583 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

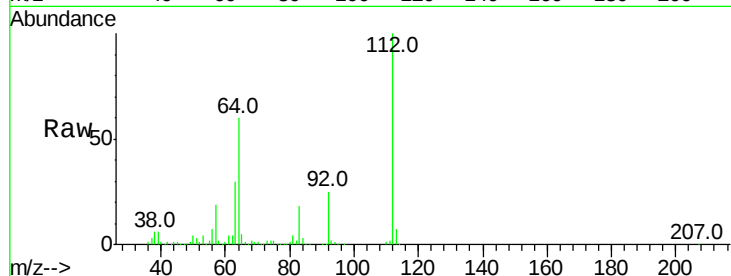
Tot Ion:112 Resp: 707577

Ion Ratio Lower Upper

112 100

64 59.7 47.9 71.9

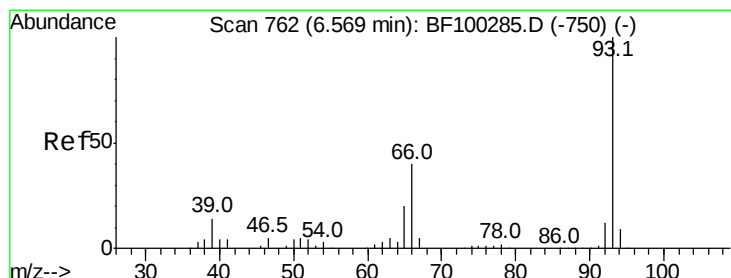
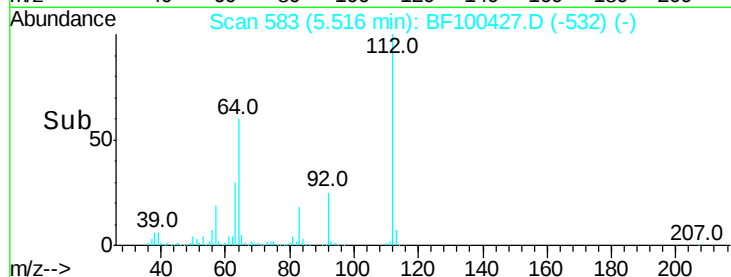
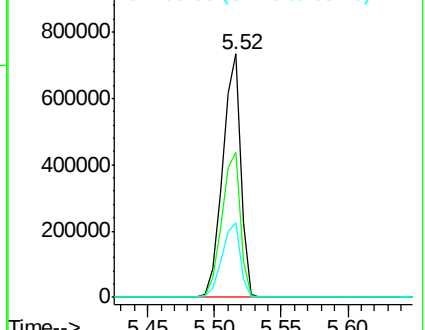
63 30.5 23.7 35.5



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: 39.617 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

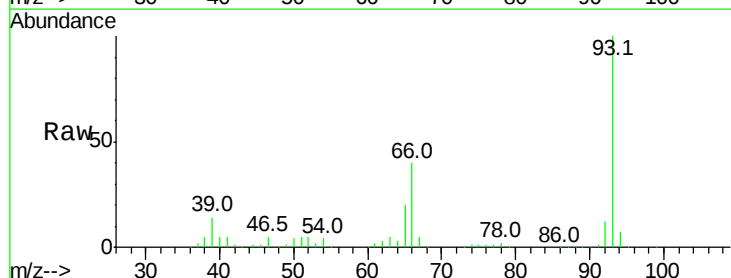
Tgt Ion: 93 Resp: 598592

Ion Ratio Lower Upper

93 100

66 39.6 32.2 48.2

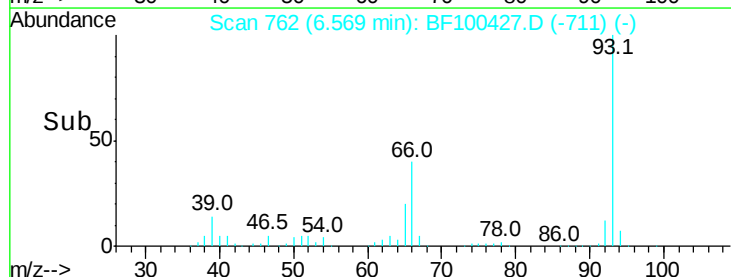
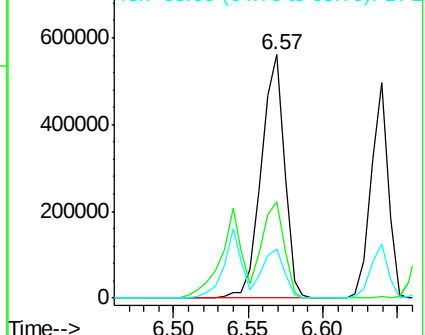
65 20.2 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.165 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

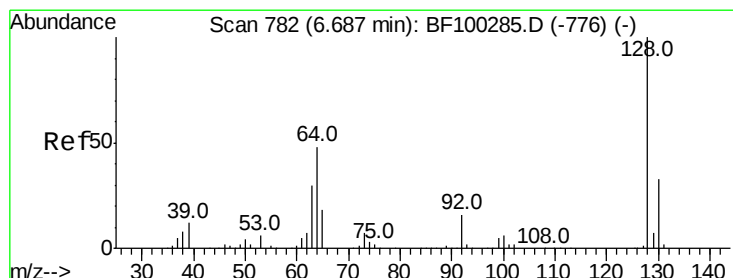
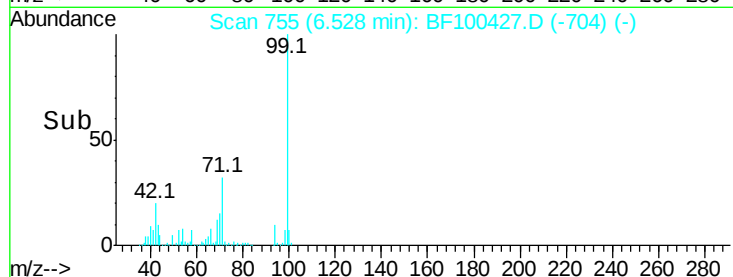
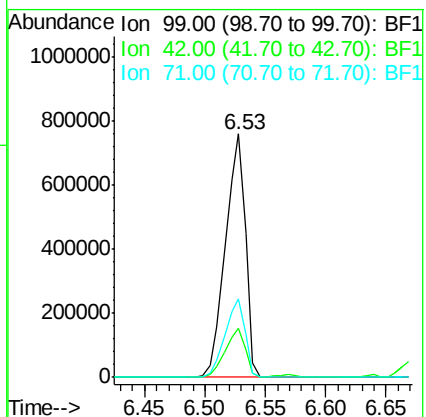
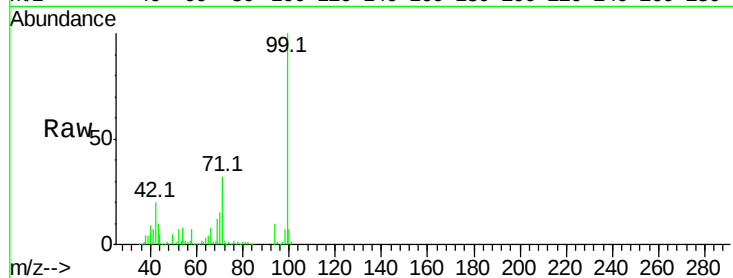
Tot Ion: 99 Resp: 868060

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 32.4 25.4 38.0



#8

2-Chlorophenol

Concen: 41.265 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

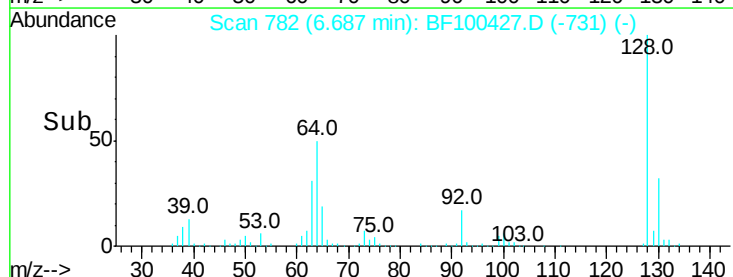
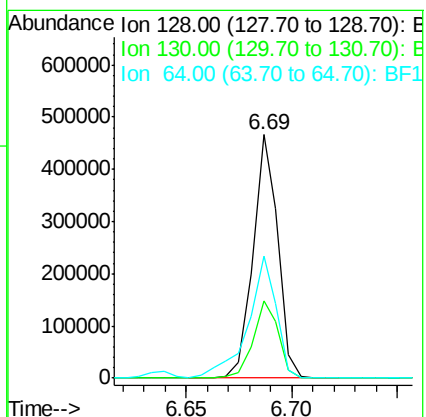
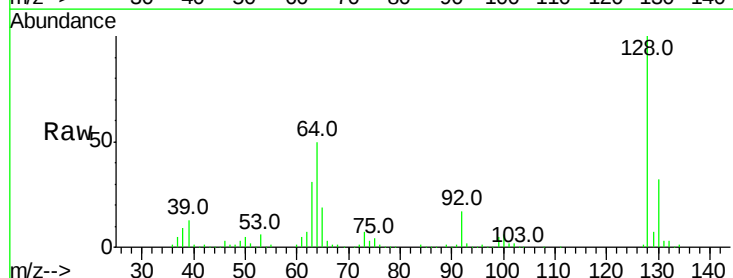
Tgt Ion: 128 Resp: 378613

Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 50.3 29.4 69.4

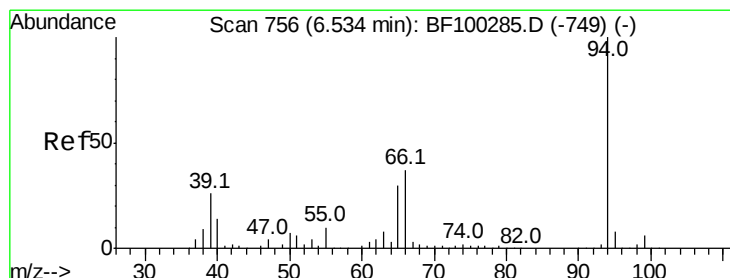
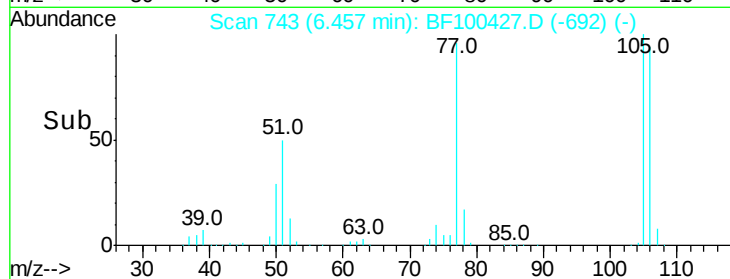
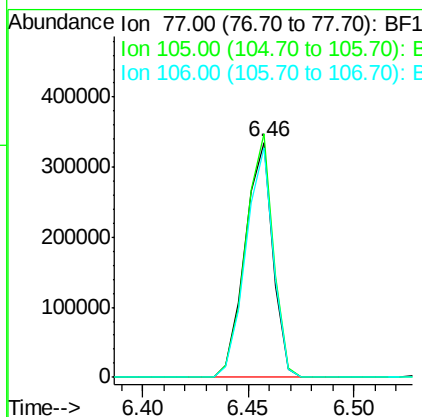
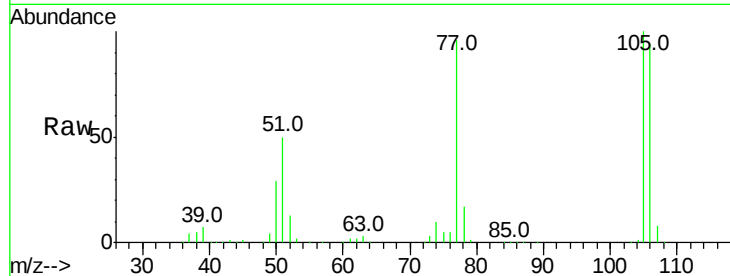




#9
Benzaldehyde
Concen: 40.236 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

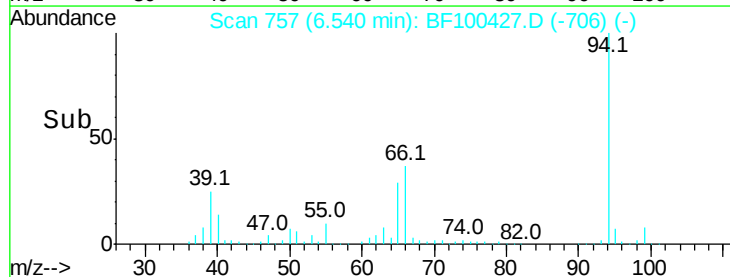
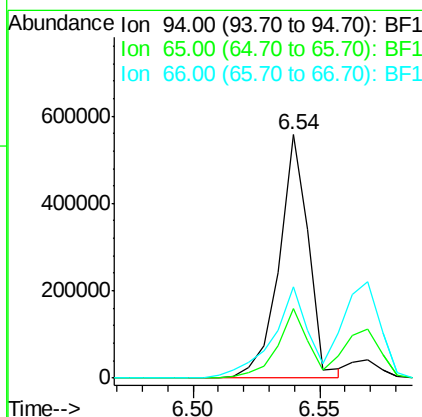
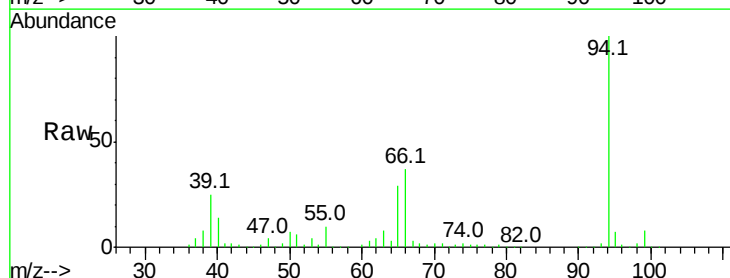
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 307312
Ion Ratio Lower Upper
77 100
105 103.6 81.1 121.1
106 97.6 74.5 114.5



#10
Phenol
Concen: 40.230 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion: 94 Resp: 451682
Ion Ratio Lower Upper
94 100
65 28.7 7.9 47.9
66 37.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 41.228 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

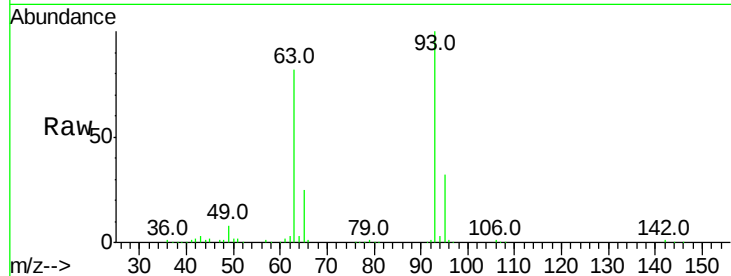
Tot Ion: 93 Resp: 388805

Ion Ratio Lower Upper

93 100

63 81.6 58.6 98.6

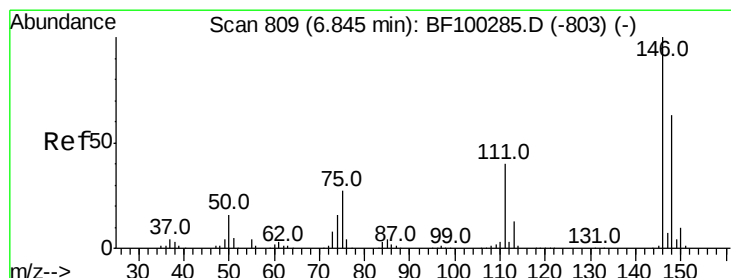
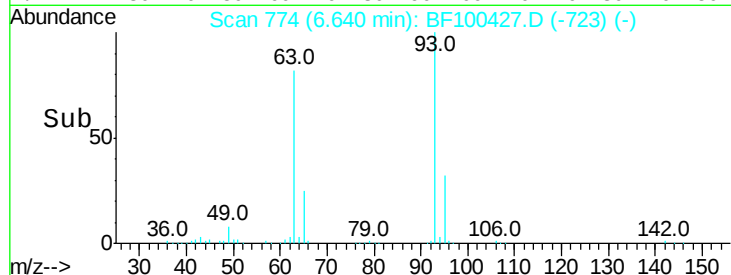
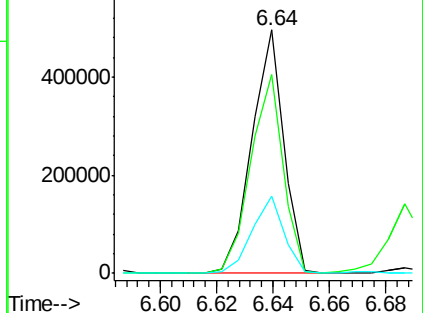
95 31.7 11.8 51.8



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: 40.204 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

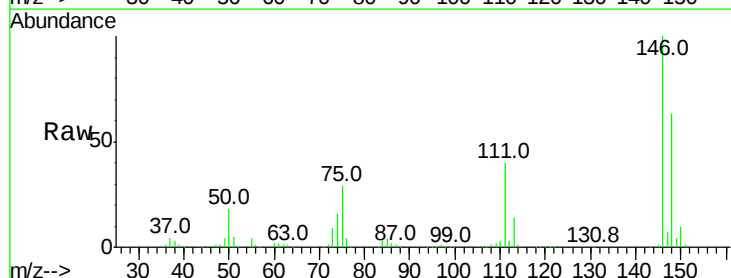
Tgt Ion: 146 Resp: 425296

Ion Ratio Lower Upper

146 100

148 62.6 51.8 77.8

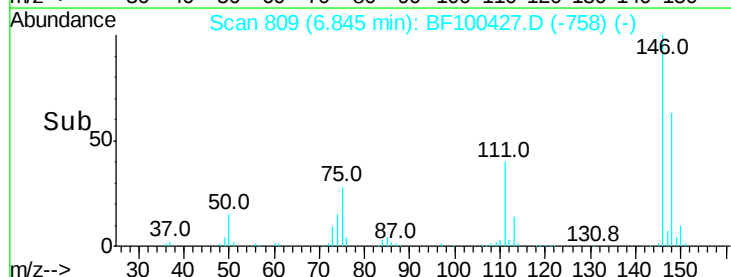
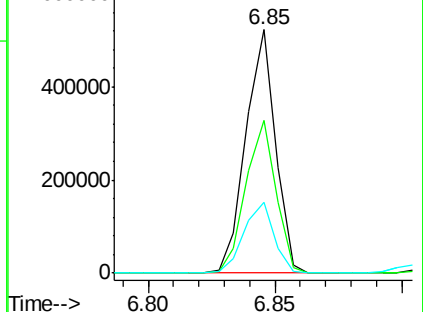
75 29.0 24.2 36.4

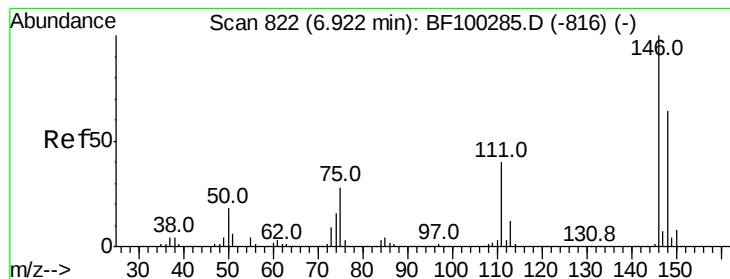


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.714 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

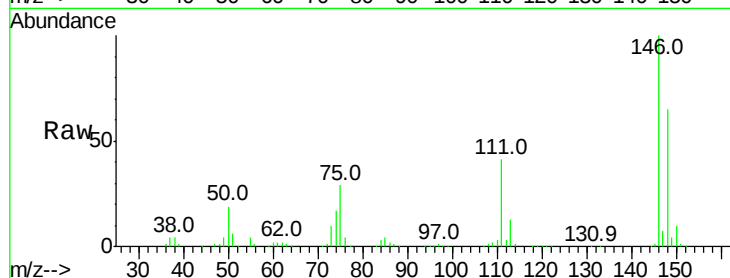
Tot Ion:146 Resp: 435910

Ion Ratio Lower Upper

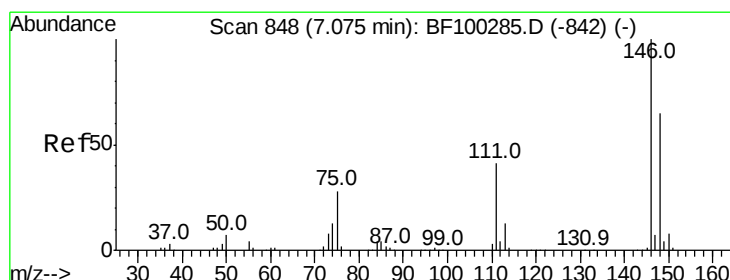
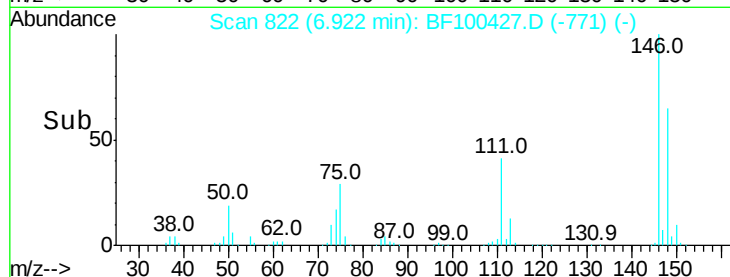
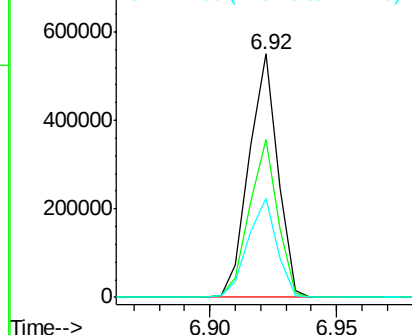
146 100

148 65.0 50.8 76.2

111 40.9 34.2 51.2



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



#14

1,2-Dichlorobenzene

Concen: 40.190 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

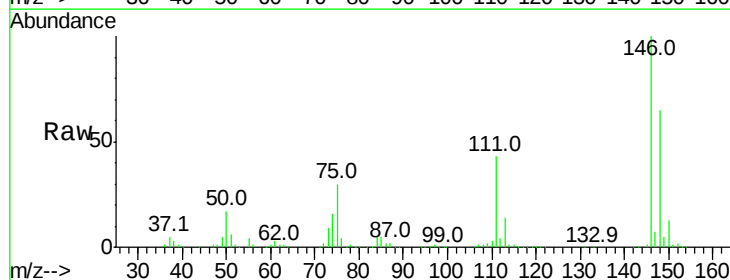
Tgt Ion:146 Resp: 397848

Ion Ratio Lower Upper

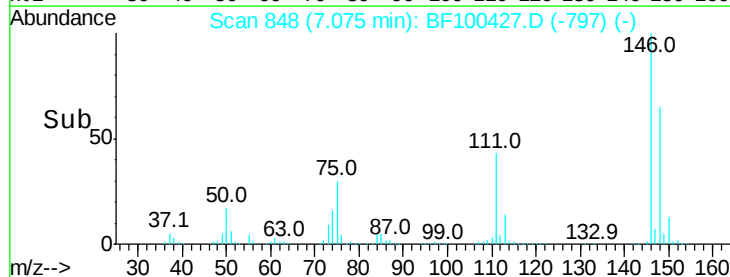
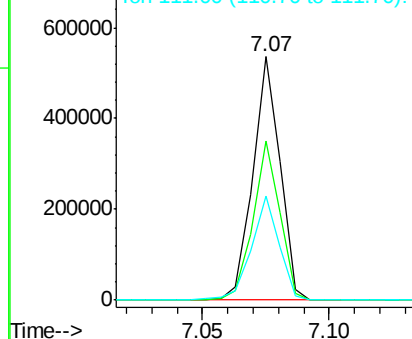
146 100

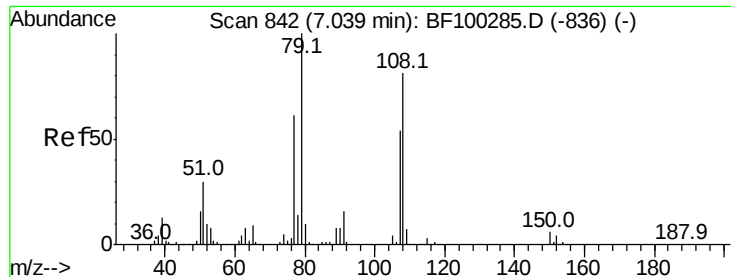
148 65.3 50.6 75.8

111 42.6 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 39.326 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

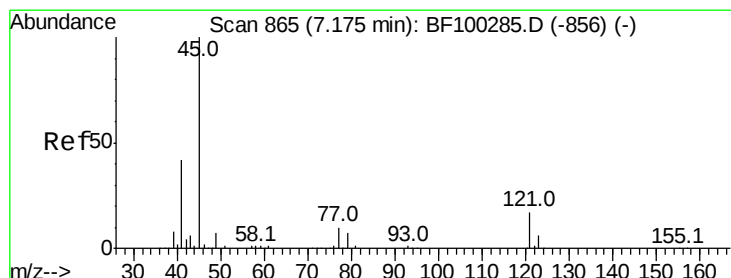
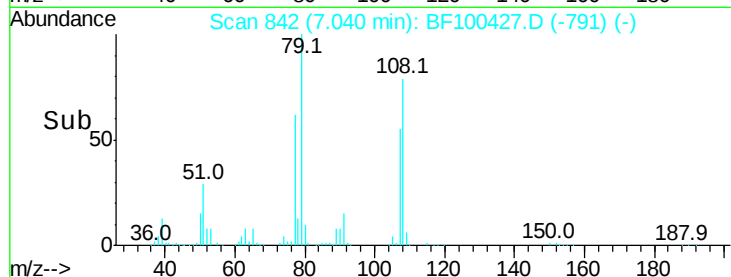
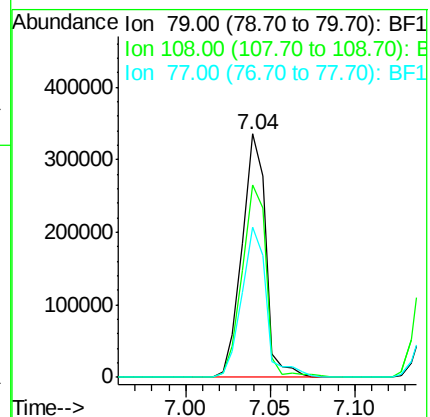
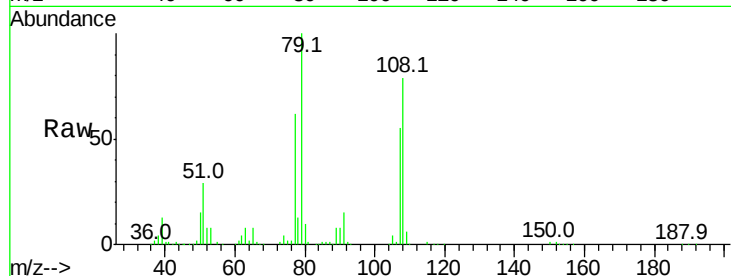
Tot Ion: 79 Resp: 328255

Ion Ratio Lower Upper

79 100

108 79.3 65.1 97.7

77 61.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.131 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

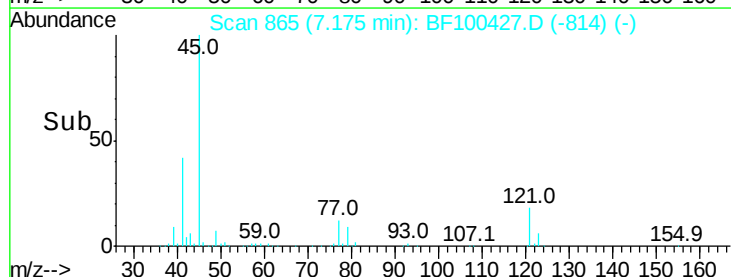
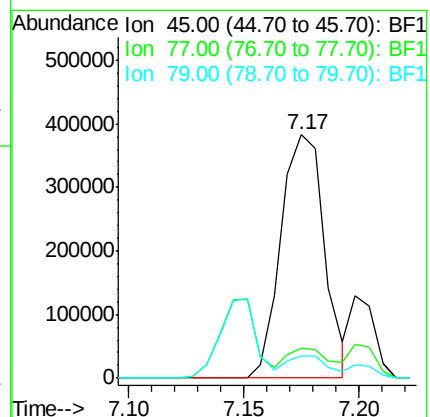
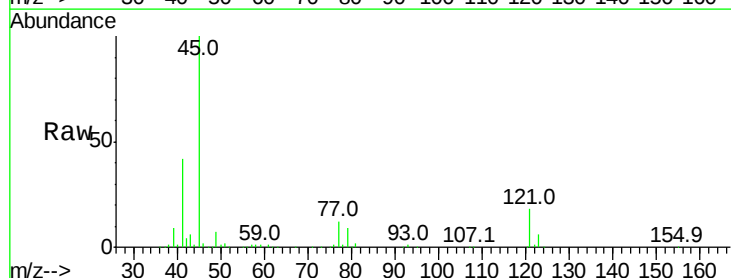
Tgt Ion: 45 Resp: 499721

Ion Ratio Lower Upper

45 100

77 12.2 0.0 32.9

79 9.1 0.0 29.6

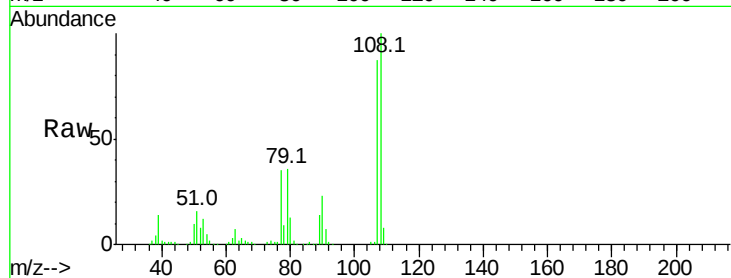




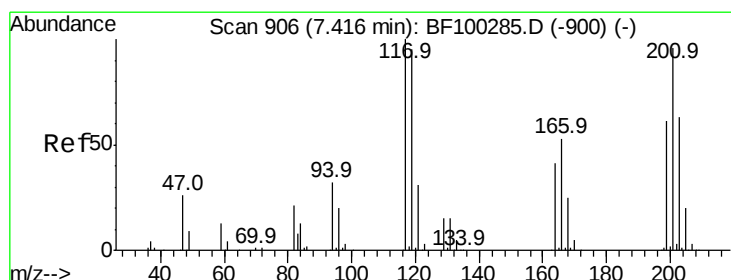
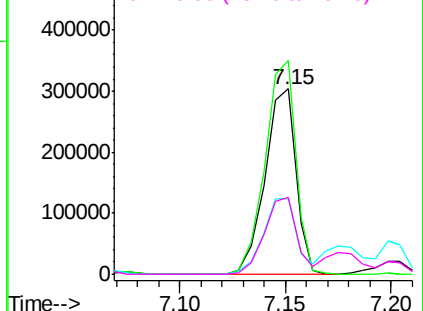
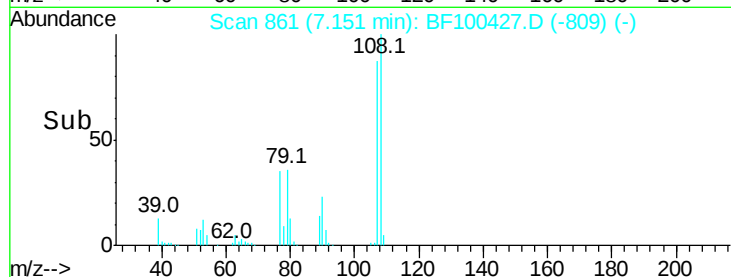
#17
2-Methylphenol
Concen: 39.735 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 311553
Ion Ratio Lower Upper
107 100
108 115.3 91.7 137.5
77 40.7 33.8 50.8
79 41.3 33.8 50.8

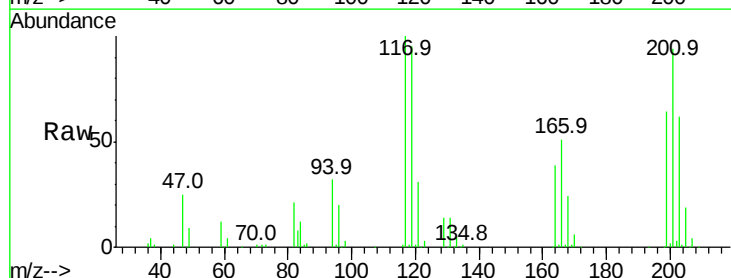


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

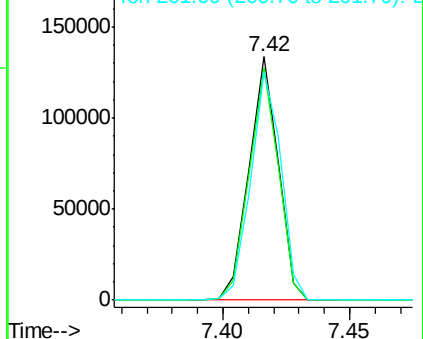
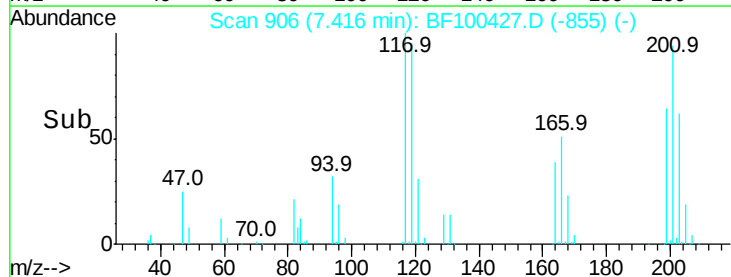


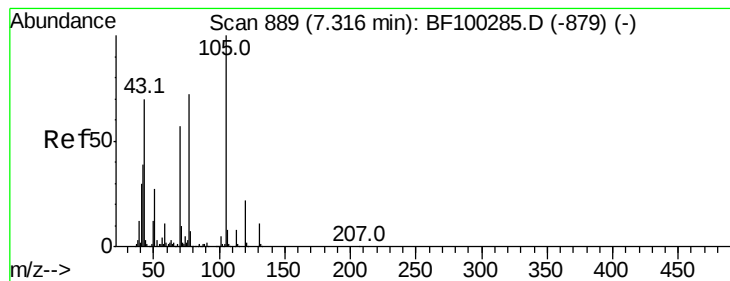
#18
Hexachloroethane
Concen: 30.521 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion:117 Resp: 107743
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 93.8 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: 37.268 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 276421

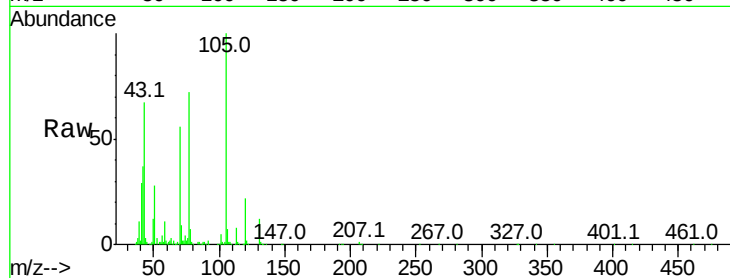
Ion Ratio Lower Upper

70 100

42 66.7 47.5 71.3

101 9.5 7.4 11.2

130 20.8 16.6 25.0

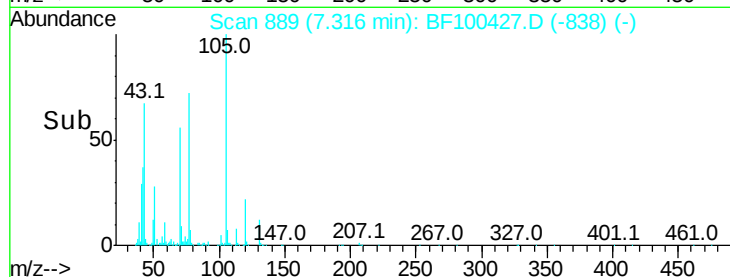


Abundance Ion 70.00 (69.70 to 70.70): BF1

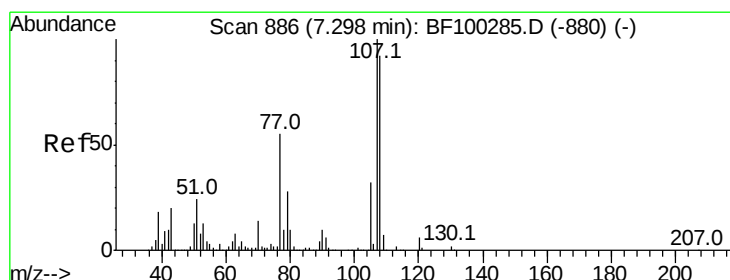
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Time-->



#20

3+4-Methylphenols

Concen: 38.275 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Tgt Ion:107 Resp: 379768

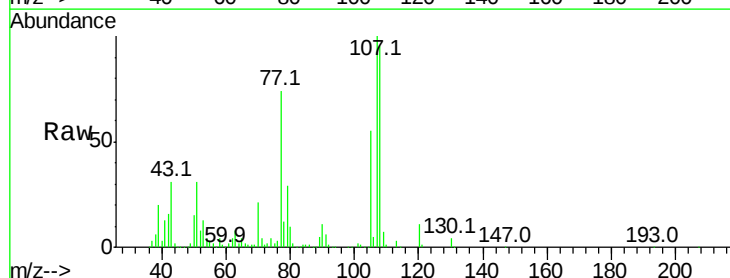
Ion Ratio Lower Upper

107 100

108 94.9 68.2 108.2

77 73.9 26.7 66.7#

79 29.1 6.3 46.3

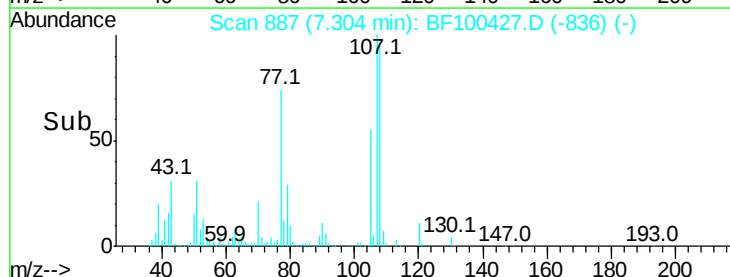


Abundance Ion 107.00 (106.70 to 107.70): BF1

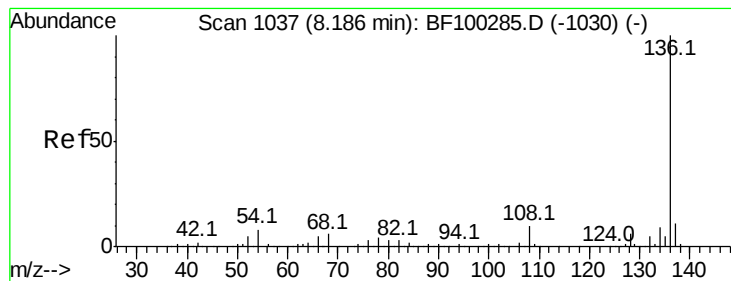
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 534840

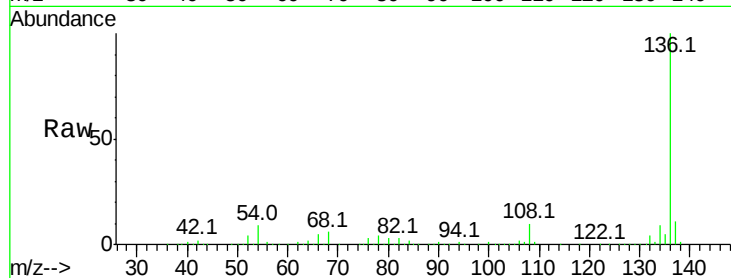
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.9 6.6 9.8

68 6.4 5.0 7.4

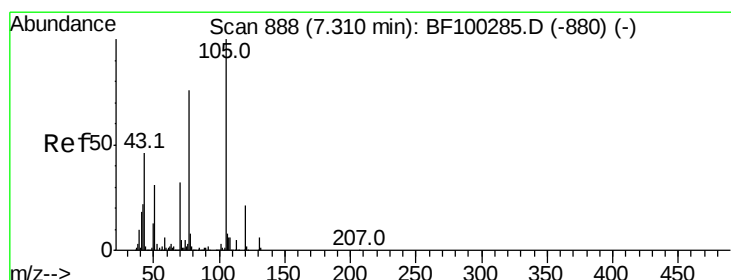
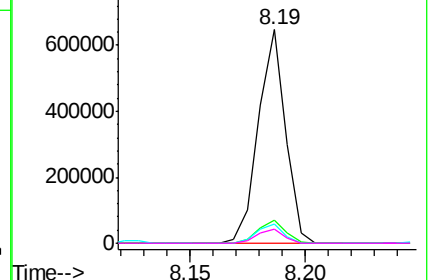
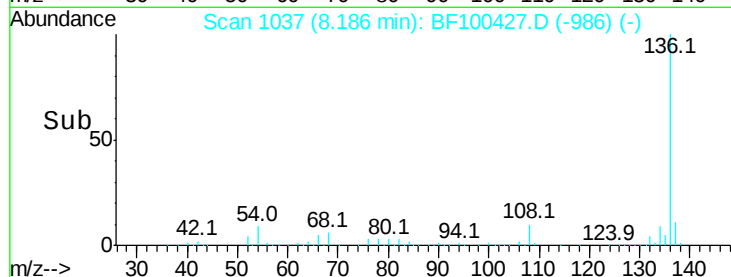


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.736 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Tgt Ion:105 Resp: 518230

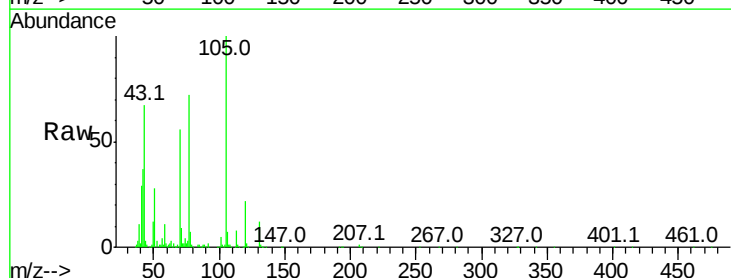
Ion Ratio Lower Upper

105 100

71 9.3 4.4 6.6#

51 27.9 22.3 33.5

120 22.5 16.9 25.3

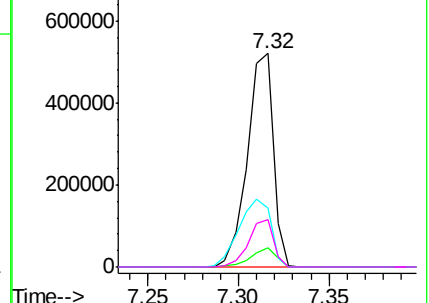
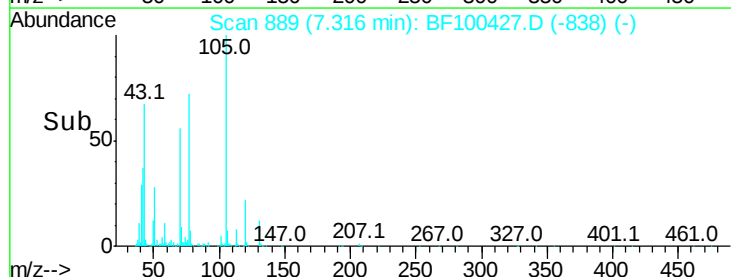


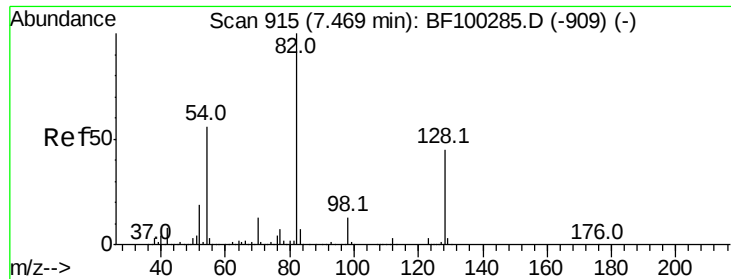
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

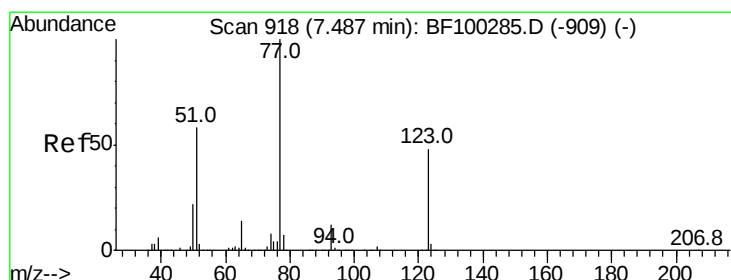
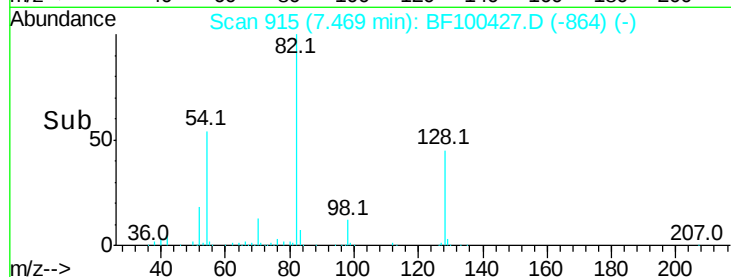
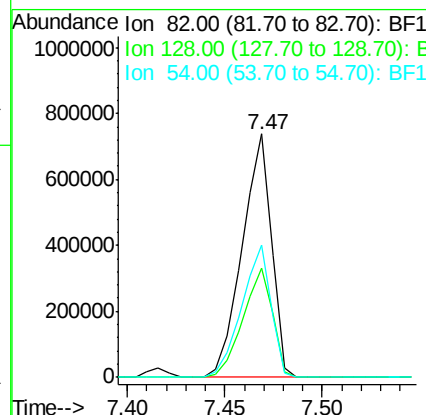
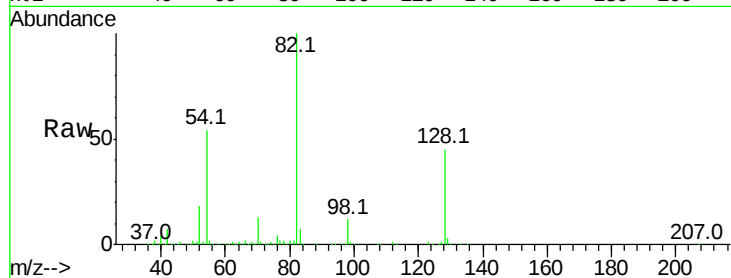




#23
 Nitrobenzene-d5
 Concen: 94.865 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

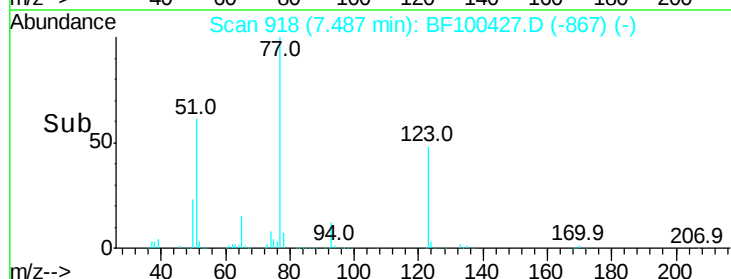
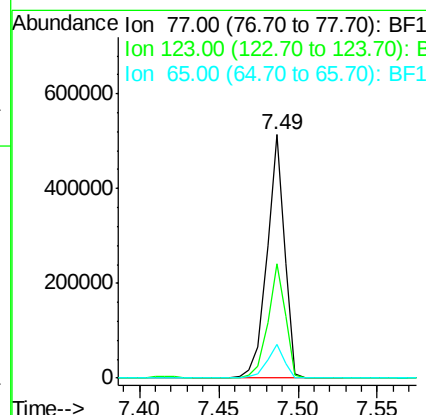
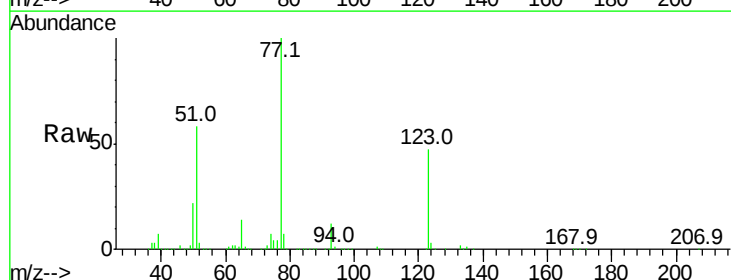
Instrument :
 BNA_F
 ClientSampleId :

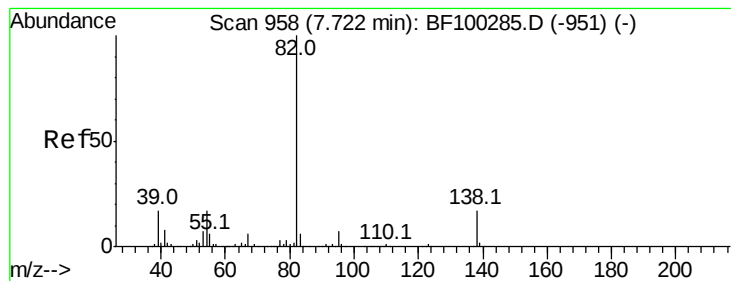
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	54.3	41.4	62.2



#24
 Nitrobenzene
 Concen: 47.989 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 39.647 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

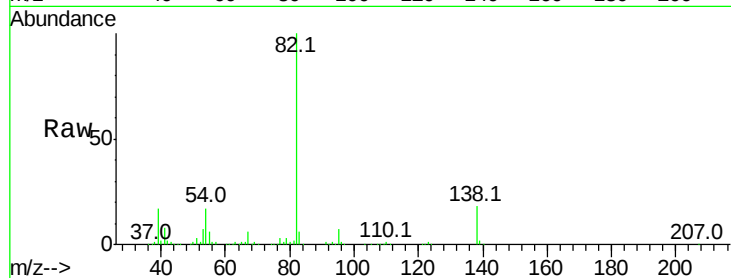
Tot Ion: 82 Resp: 674001

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

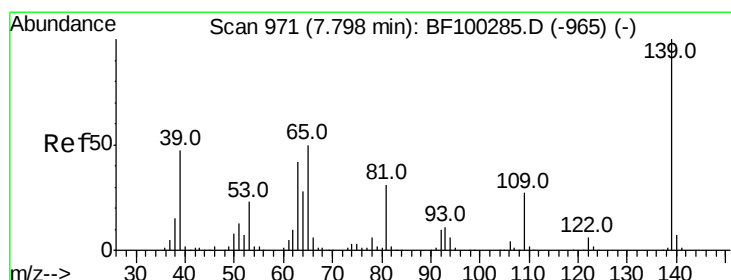
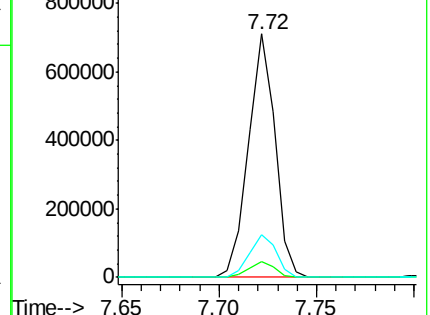
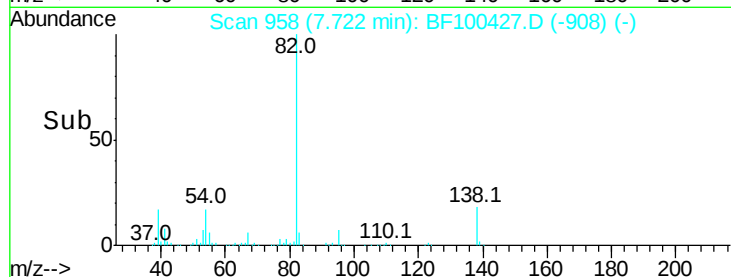
138 17.7 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.320 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

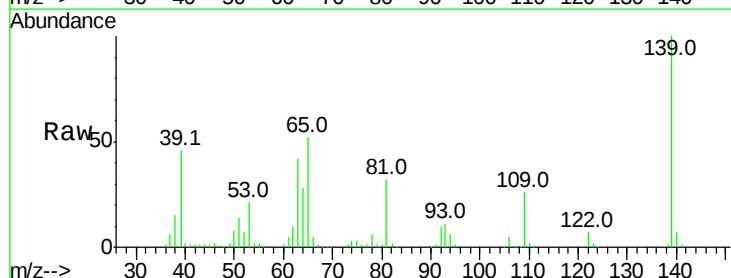
Tgt Ion: 139 Resp: 162416

Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

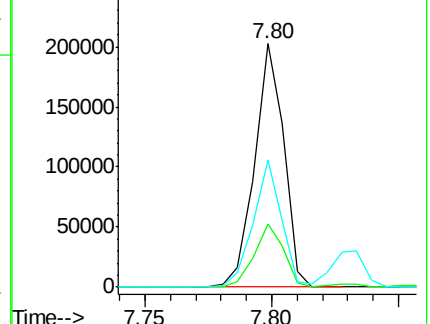
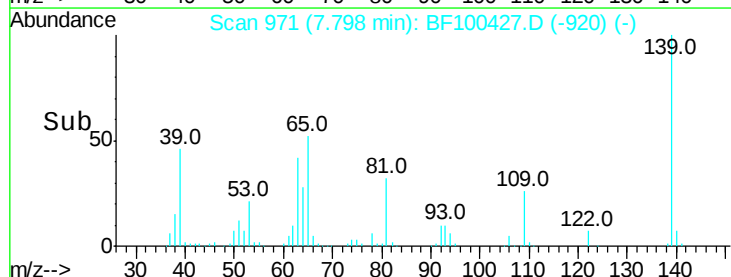
65 52.2 40.5 60.7

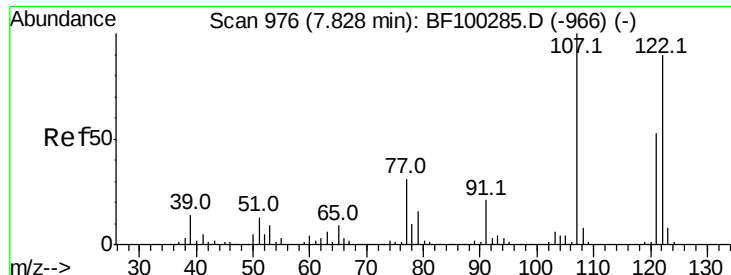


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

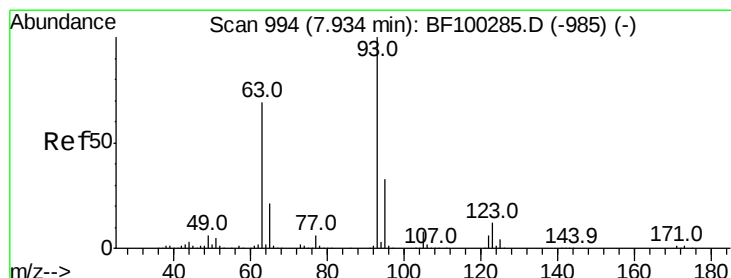
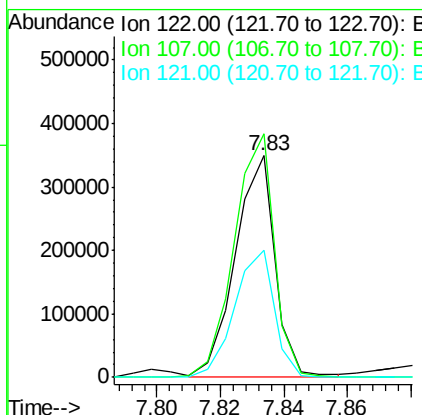
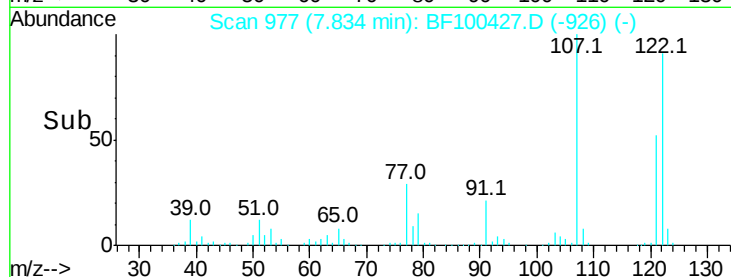
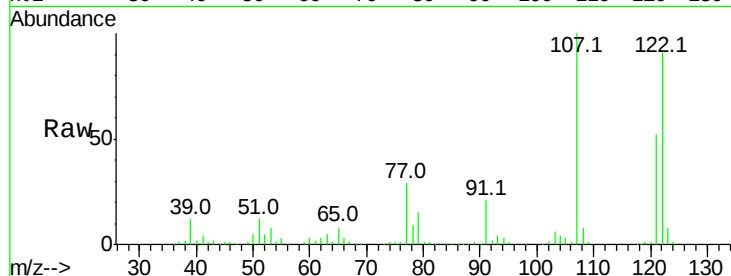




#27
 2,4-Dimethylphenol
 Concen: 39.748 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

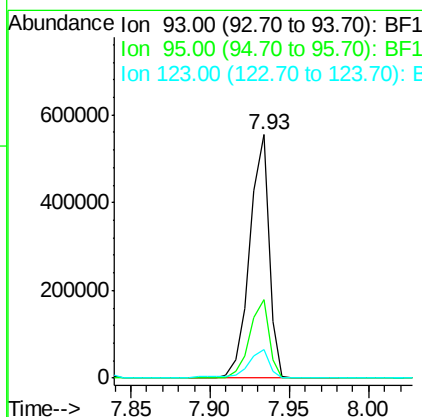
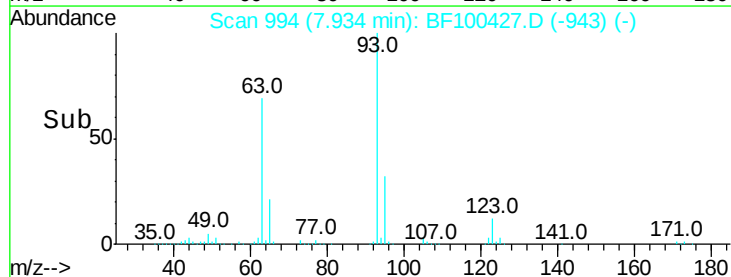
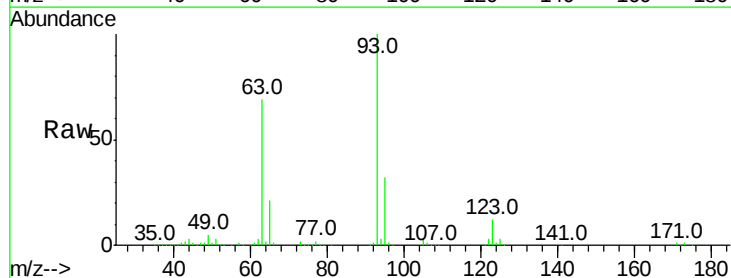
Instrument :
 BNA_F
 ClientSampleId :

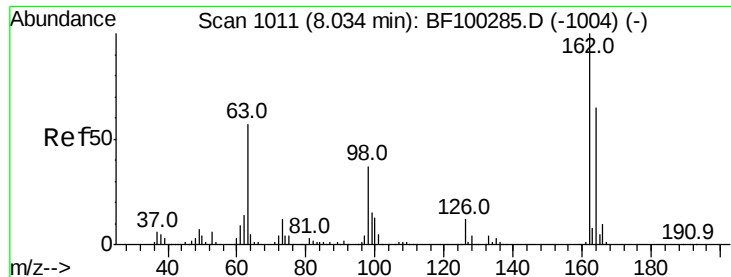
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.8	91.2	136.8
121	57.5	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.032 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.5	9.8	14.6

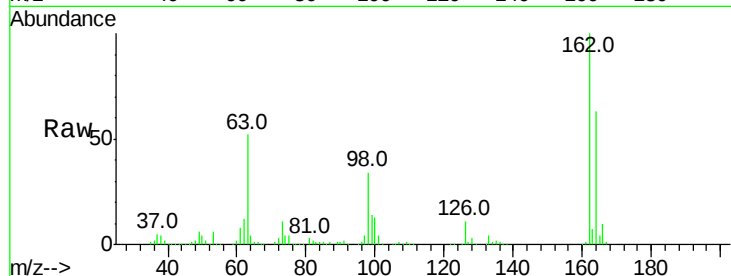




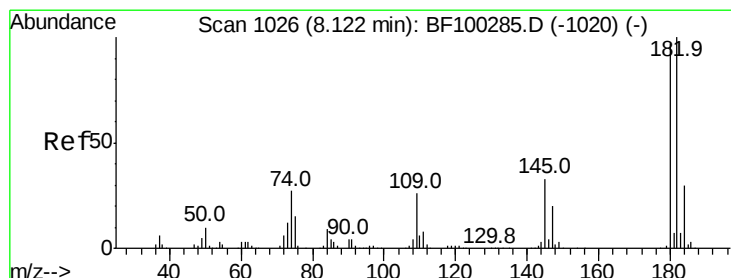
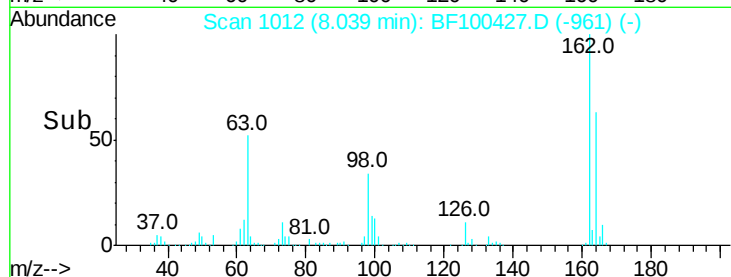
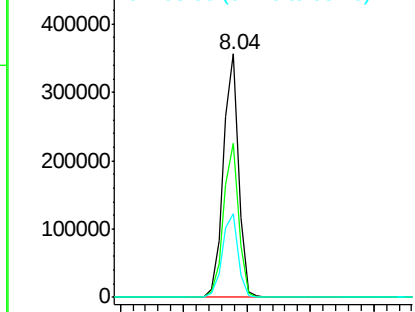
#29
 2,4-Dichlorophenol
 Concen: 41.164 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	42.7	82.7
98	34.4	18.1	58.1

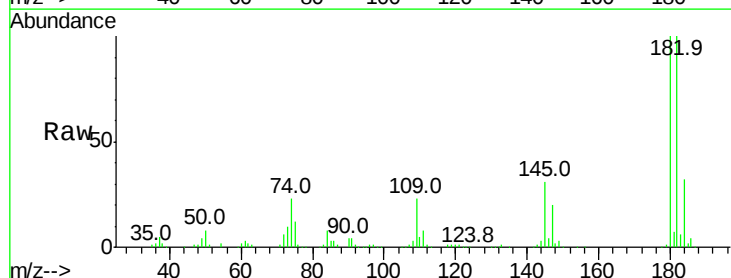


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

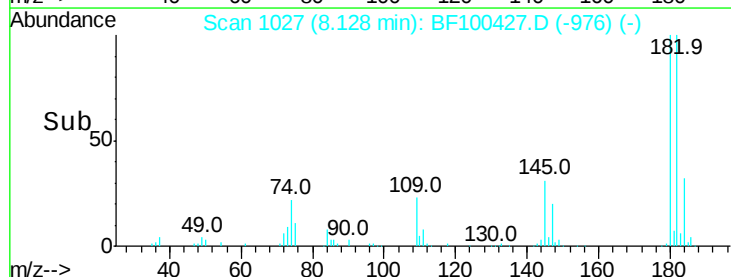
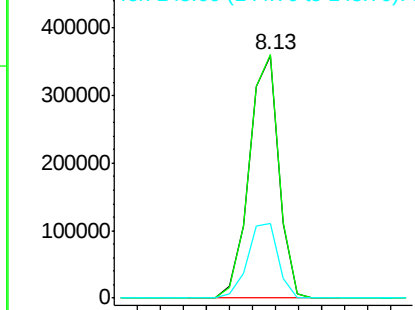


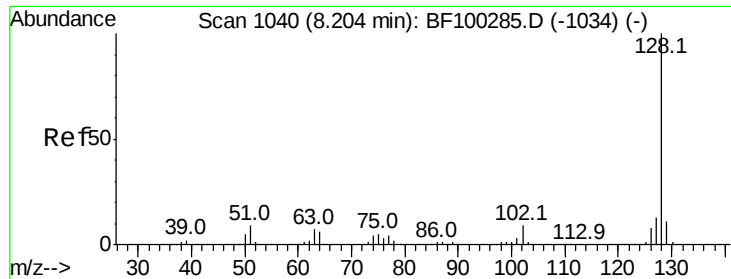
#30
 1,2,4-Trichlorobenzene
 Concen: 41.064 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.4	76.8	115.2
145	31.0	26.5	39.7



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

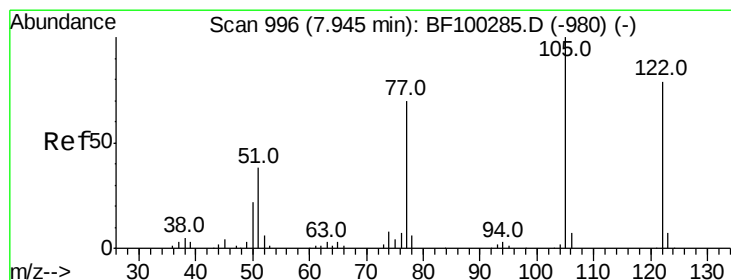
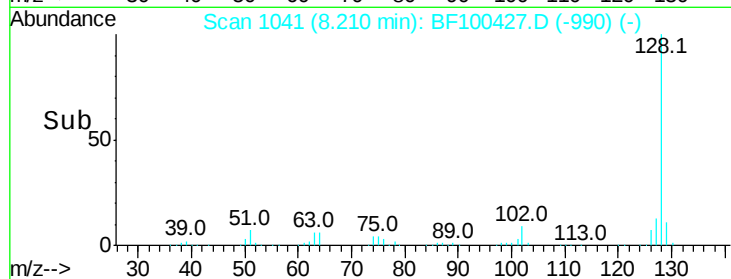
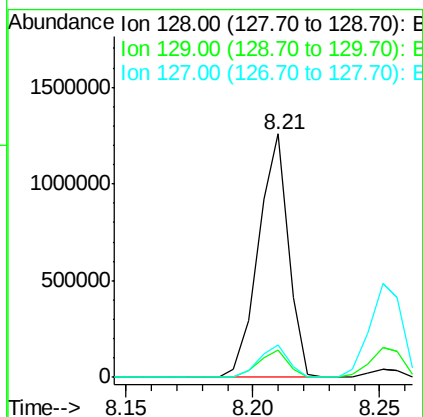
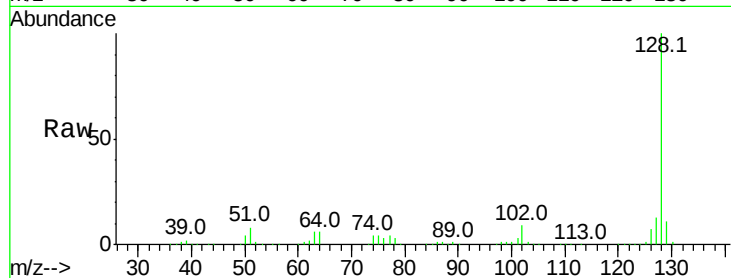




#31
Naphthalene
Concen: 40.434 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

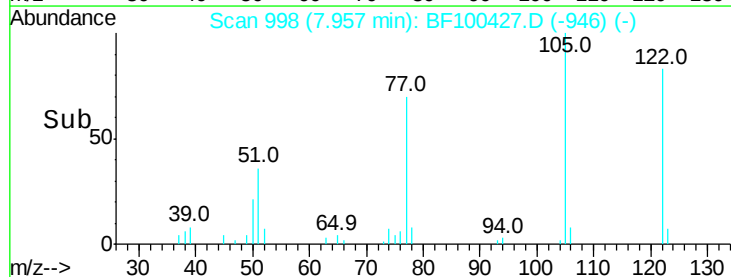
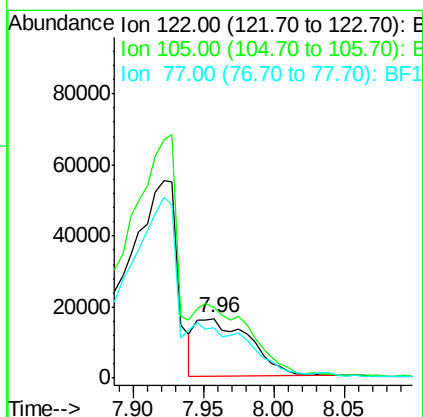
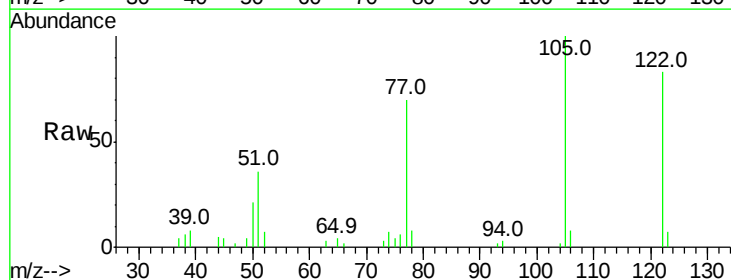
Instrument :
BNA_F
ClientSampleId :

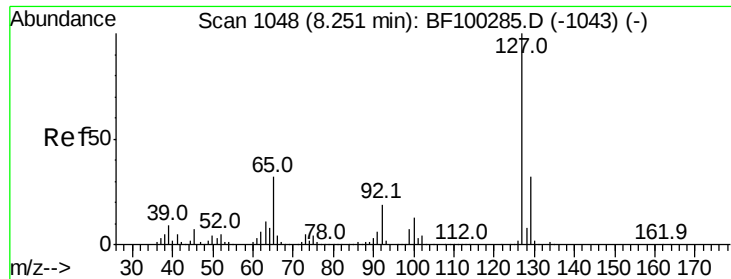
Tot Ion:128 Resp: 1041610
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 15.379 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion:122 Resp: 43567
Ion Ratio Lower Upper
122 100
105 119.9 101.1 141.1
77 84.0 70.7 110.7

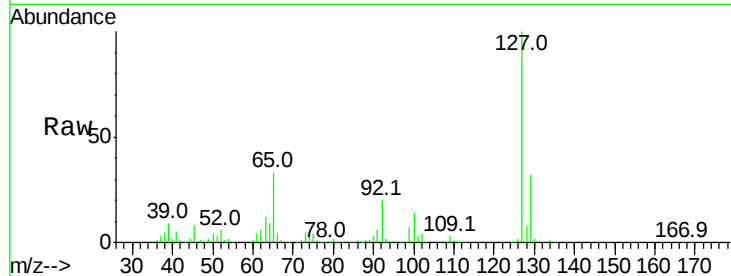




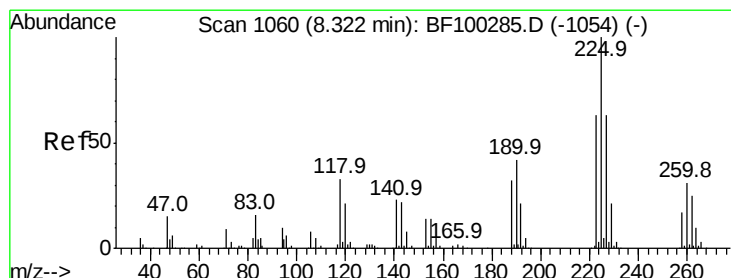
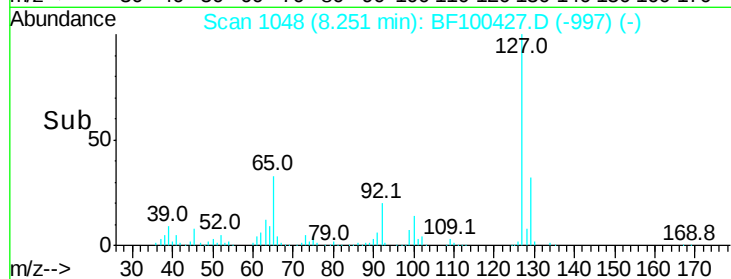
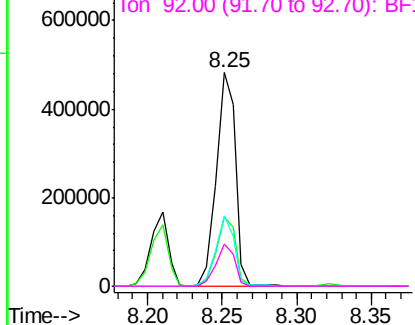
#33
4-Chloroaniline
Concen: 40.537 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	434670
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	33.0	25.0	37.4
92	19.7	15.2	22.8

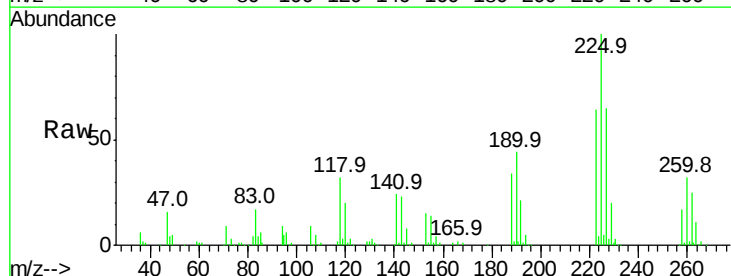


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

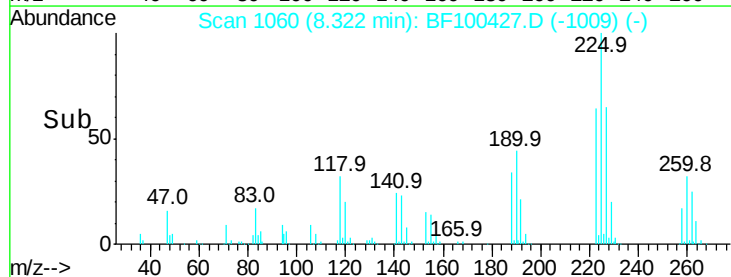
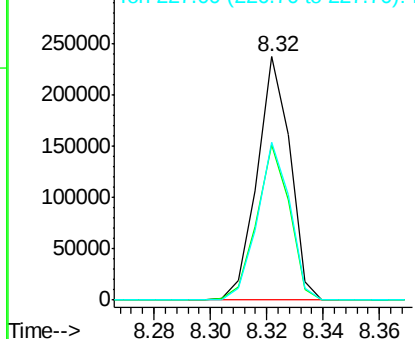


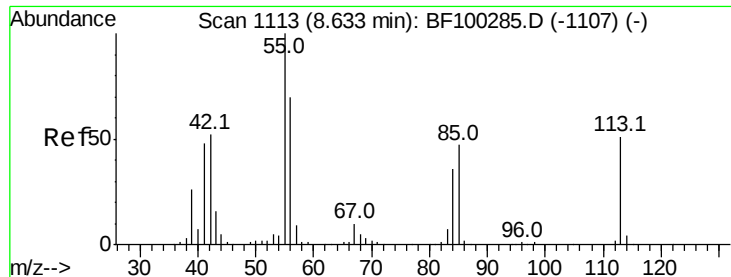
#34
Hexachlorobutadiene
Concen: 41.053 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion:	225	Resp:	192085
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.9	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

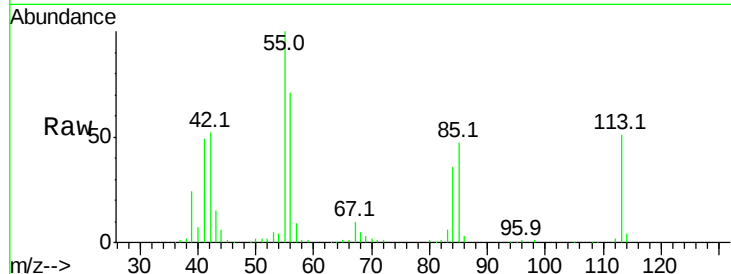




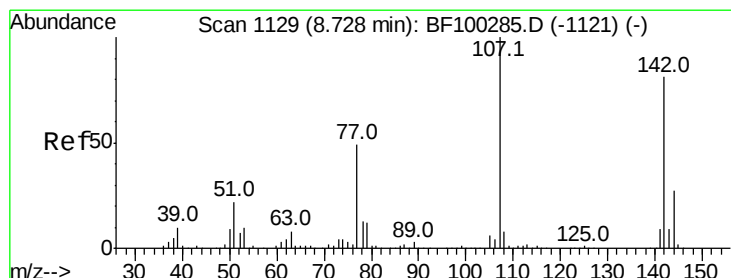
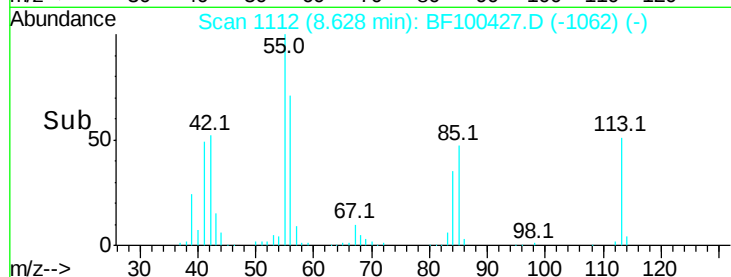
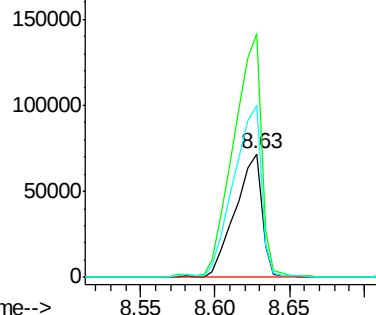
#35
 Caprolactam
 Concen: 35.820 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 89432
 Ion Ratio Lower Upper
 113 100
 55 196.5 163.3 203.3
 56 138.9 115.7 155.7

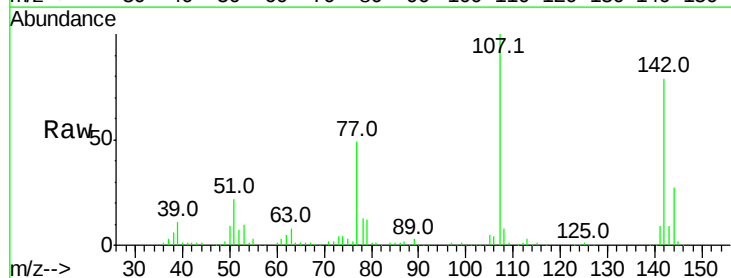


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

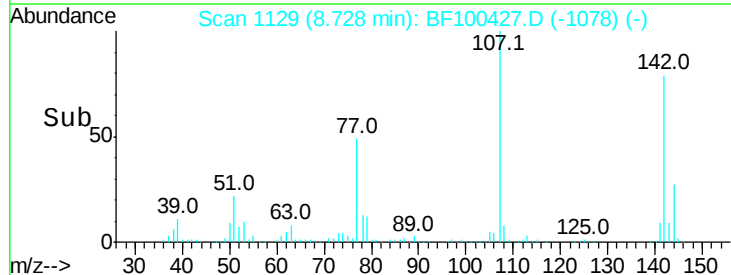
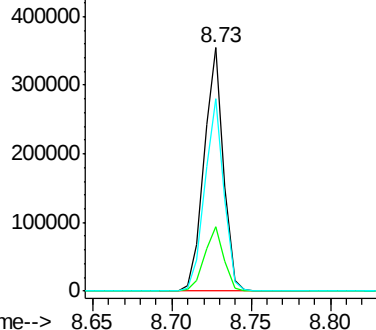


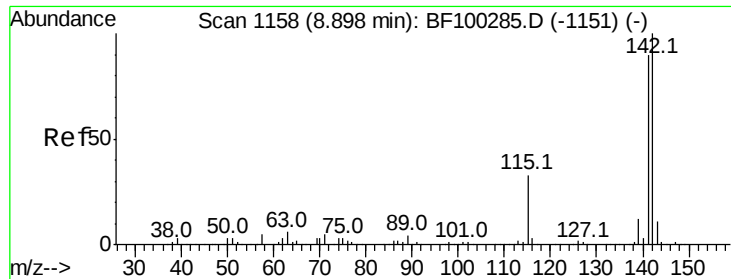
#36
 4-Chloro-3-methylphenol
 Concen: 38.221 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion:107 Resp: 298636
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 79.1 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

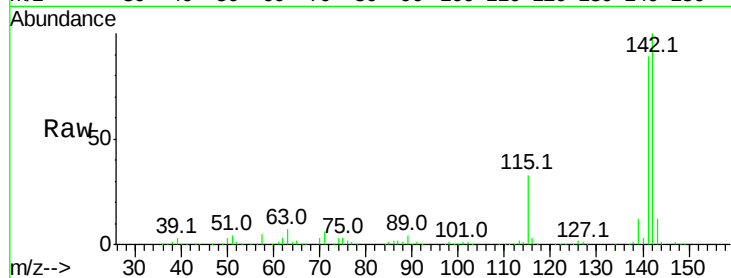




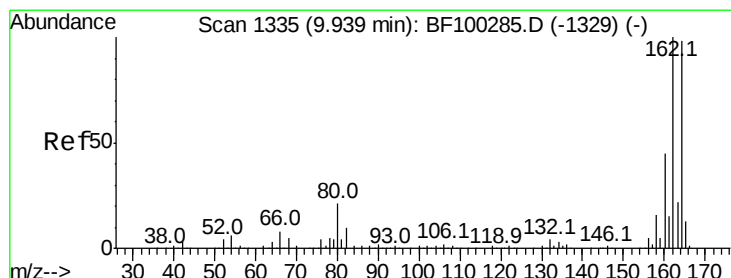
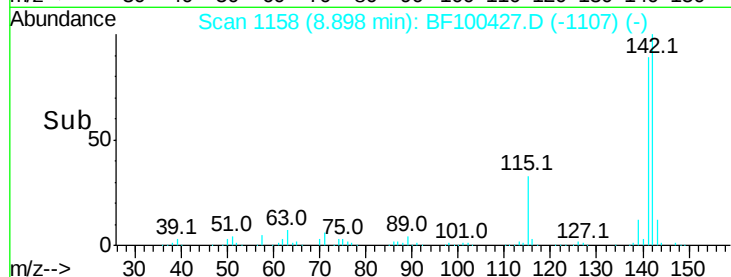
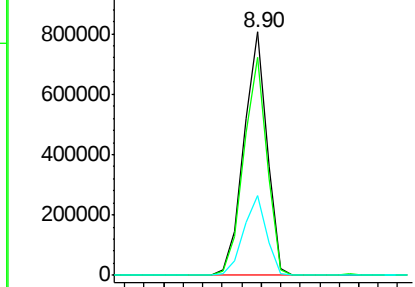
#37
2-Methylnaphthalene
Concen: 38.734 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	32.7	26.1	39.1

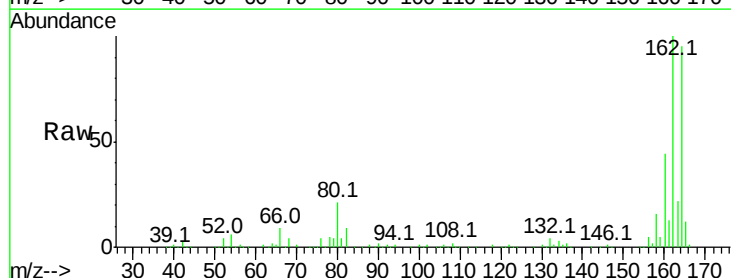


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

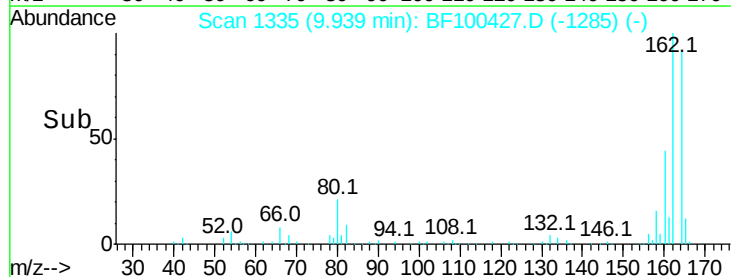
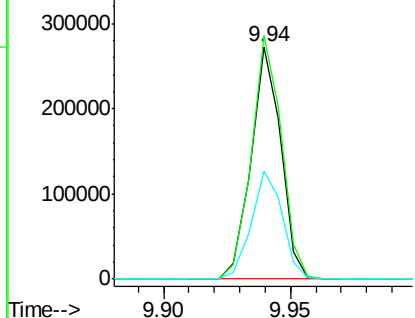


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.4	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

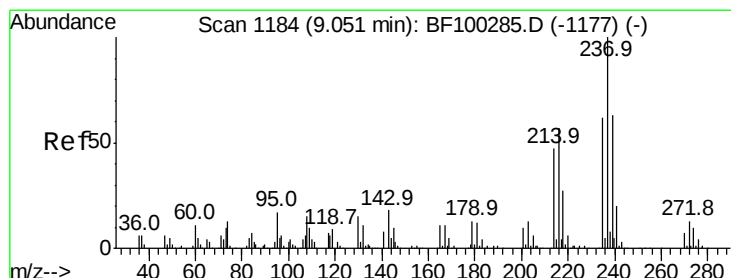
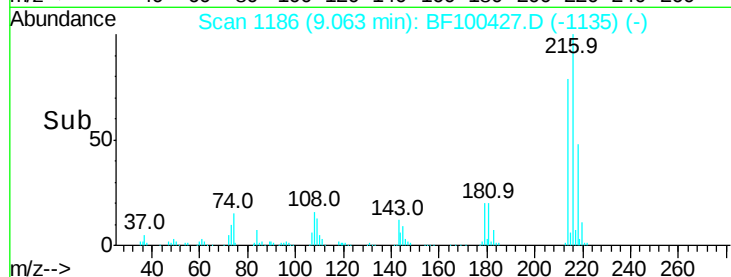
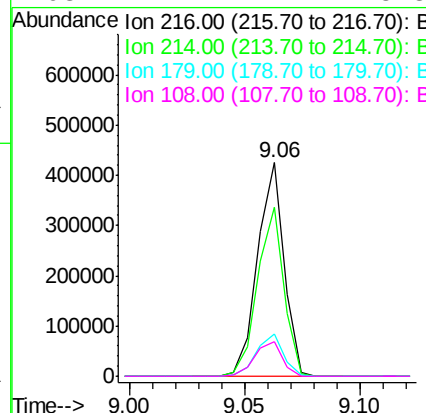
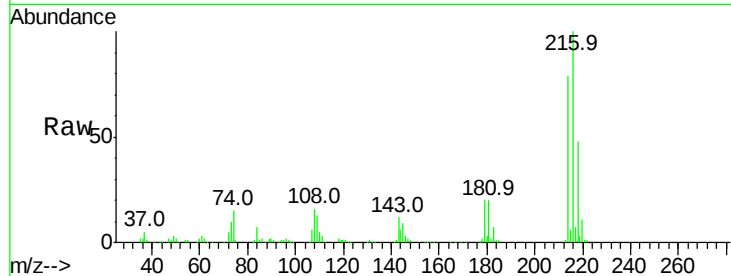




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.166 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

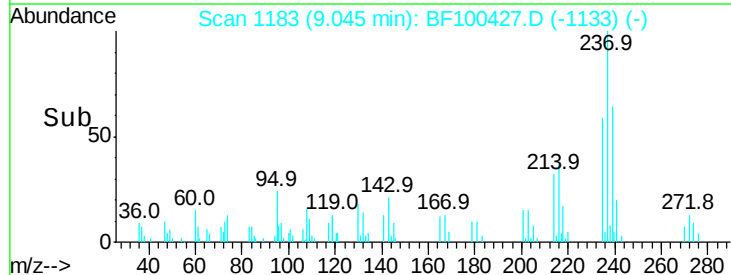
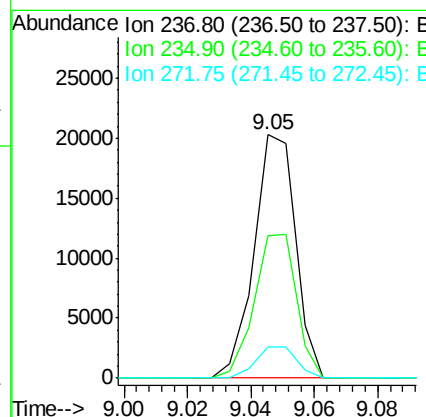
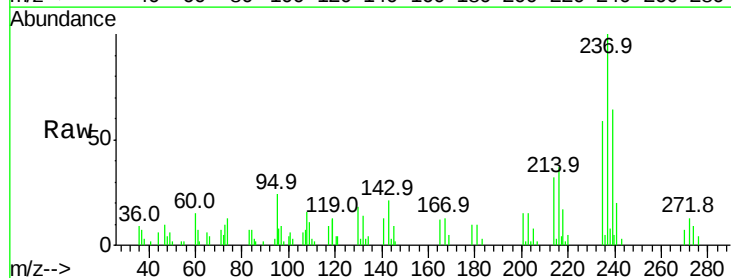
Instrument :
 BNA_F
 ClientSampleId :

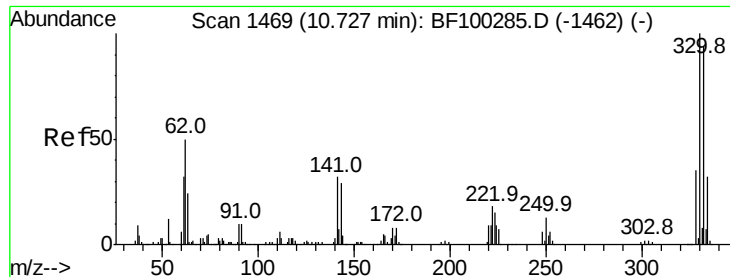
Tot Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.2	18.1	27.1
108	17.2	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 5.312 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
237	100		
235	58.5	44.8	84.8
272	12.9	0.0	33.3

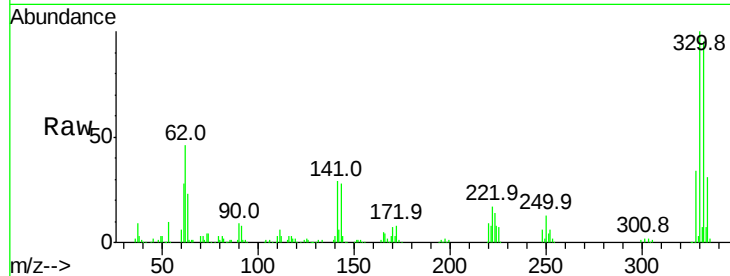




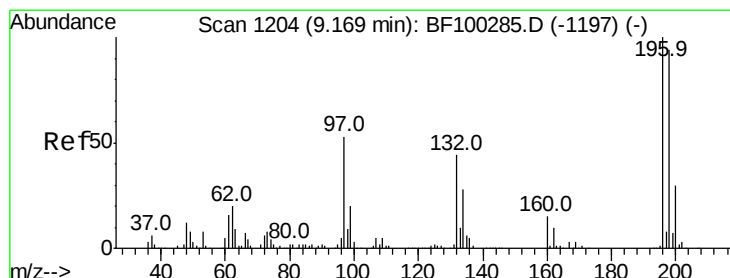
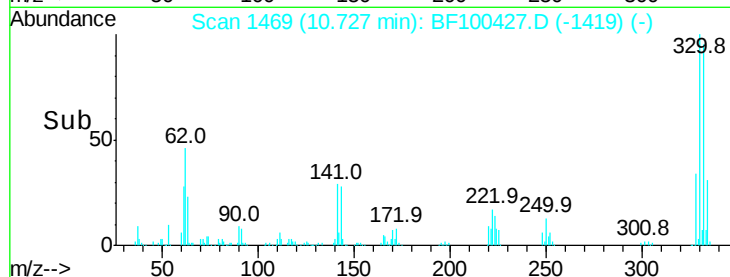
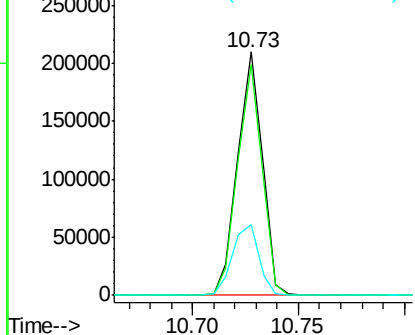
#41
 2,4,6-Tribromophenol
 Concen: 74.657 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.5	77.0	115.6
141	30.8	29.9	44.9

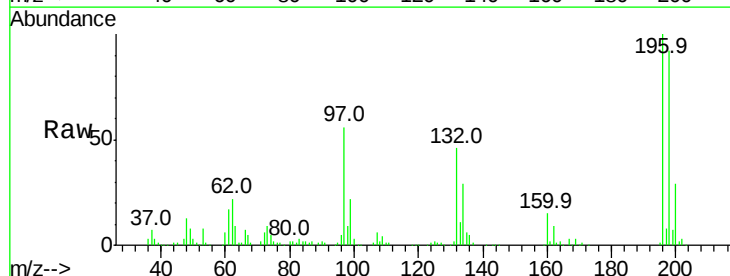


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

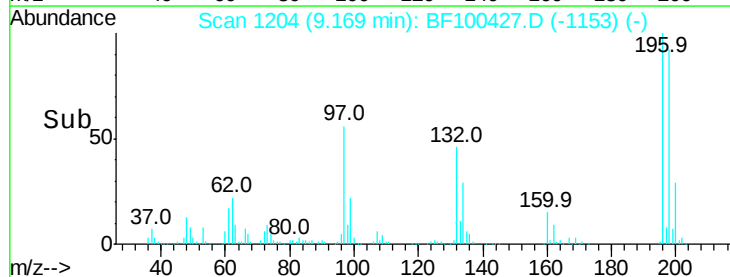
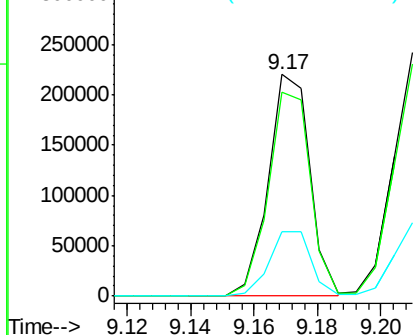


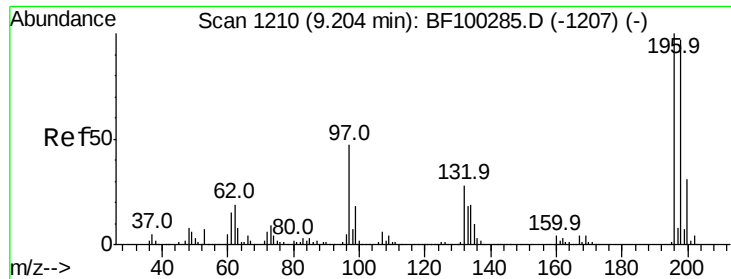
#42
 2,4,6-Trichlorophenol
 Concen: 42.782 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.7	113.5
200	28.9	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

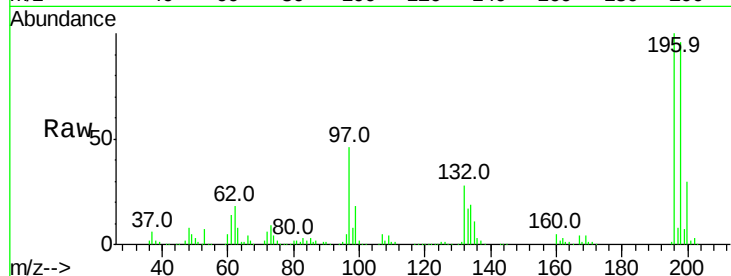




#43
 2,4,5-Trichlorophenol
 Concen: 42.153 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	46.4	42.9	64.3
132	27.9	26.3	39.5



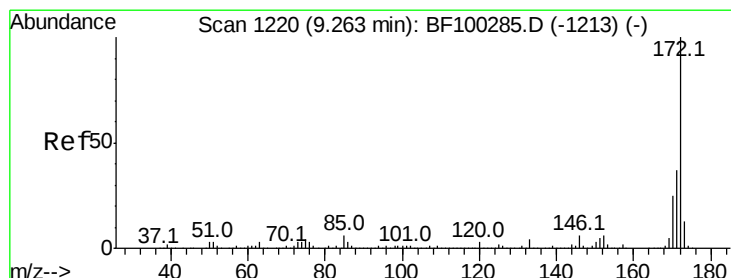
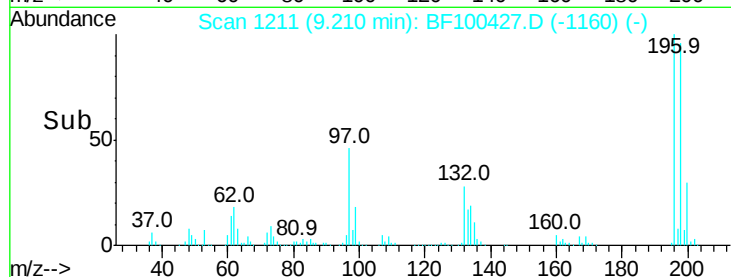
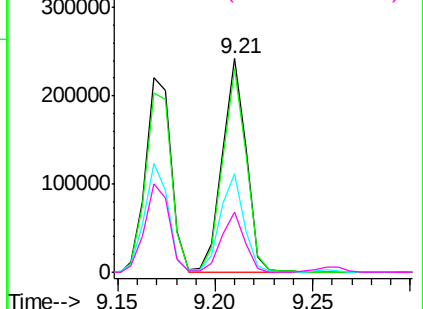
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

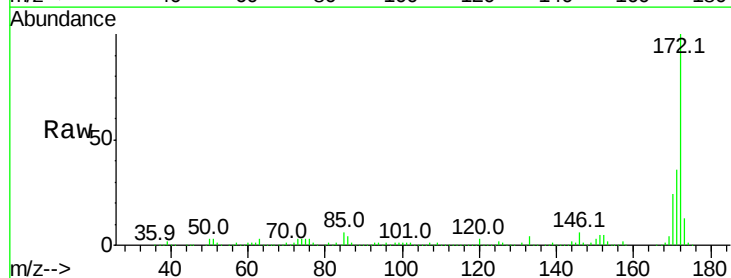
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.889 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4

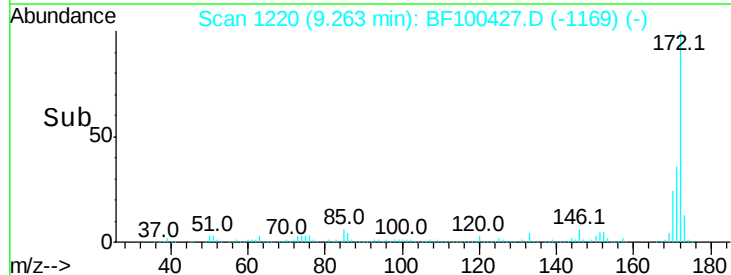
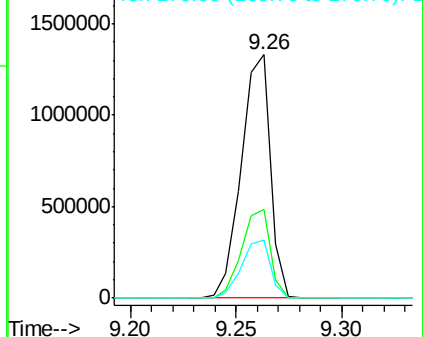


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.275 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampled :

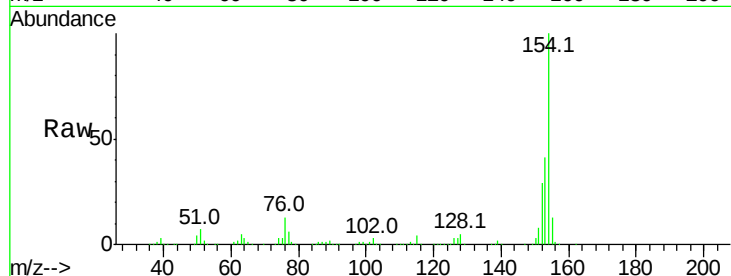
Tot Ion:154 Resp: 834938

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

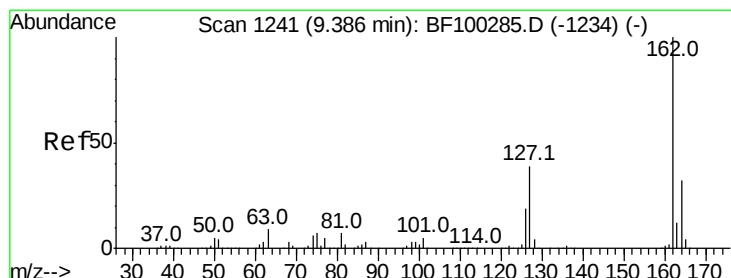
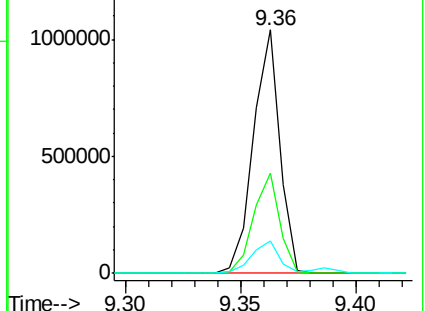
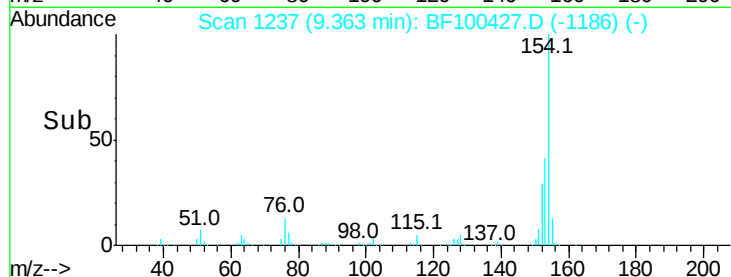
76 13.2 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 43.172 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

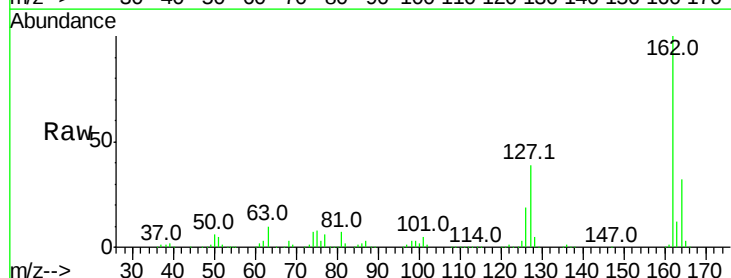
Tgt Ion:162 Resp: 604277

Ion Ratio Lower Upper

162 100

127 39.3 33.9 50.9

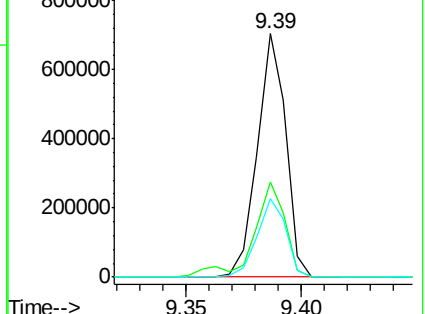
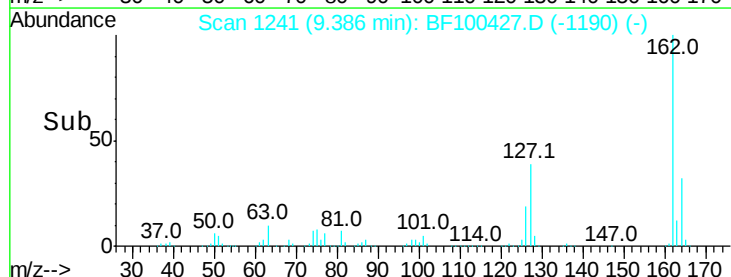
164 32.4 26.5 39.7

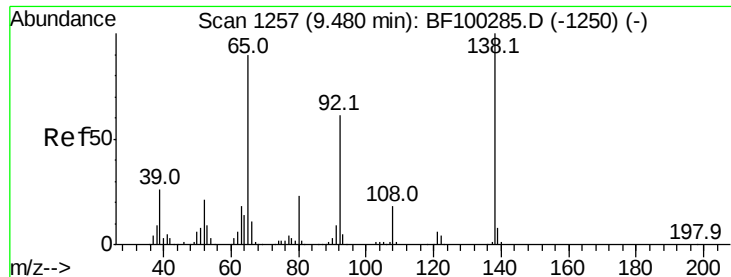


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.556 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

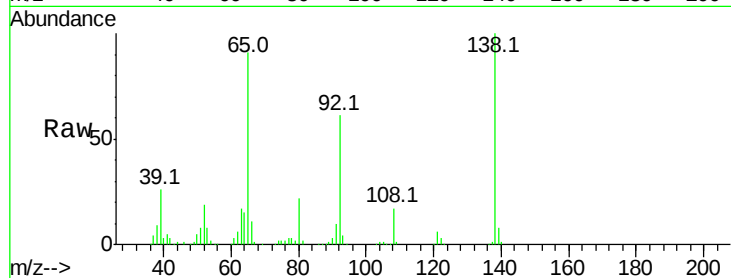
Tot Ion: 65 Resp: 200965

Ion Ratio Lower Upper

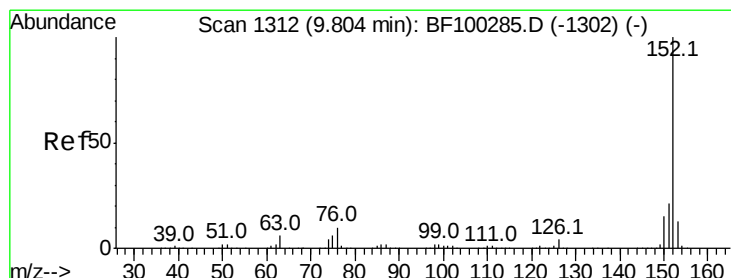
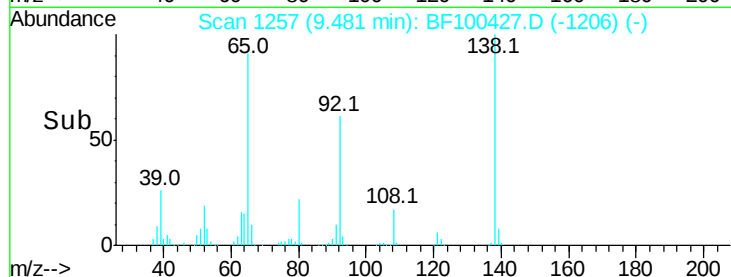
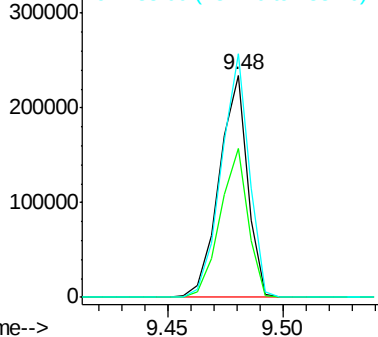
65 100

92 67.1 55.8 83.6

138 109.7 91.2 136.8



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



#48

Acenaphthylene

Concen: 40.393 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

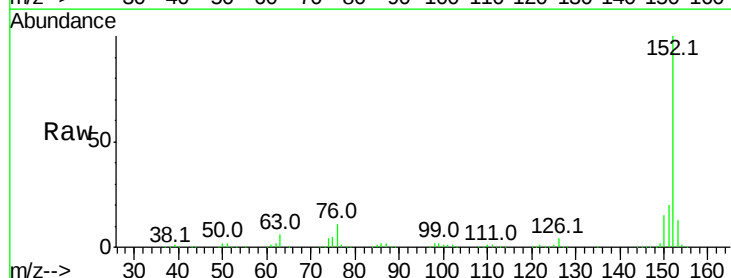
Tgt Ion: 152 Resp: 936960

Ion Ratio Lower Upper

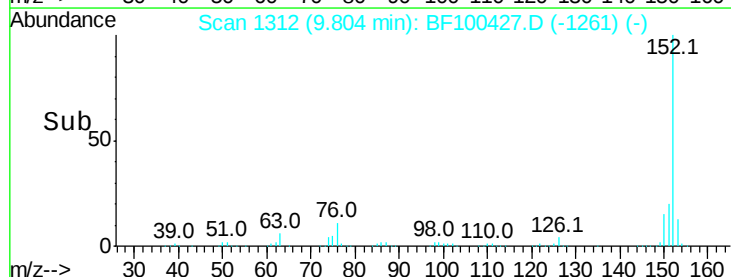
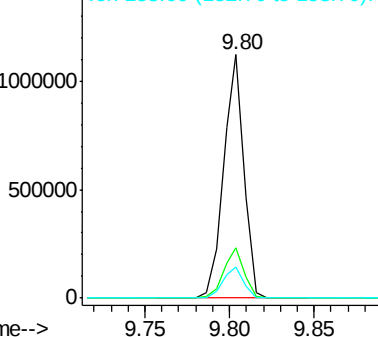
152 100

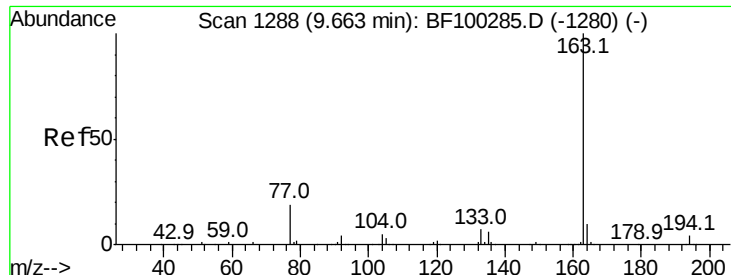
151 20.4 16.3 24.5

153 13.0 10.7 16.1



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

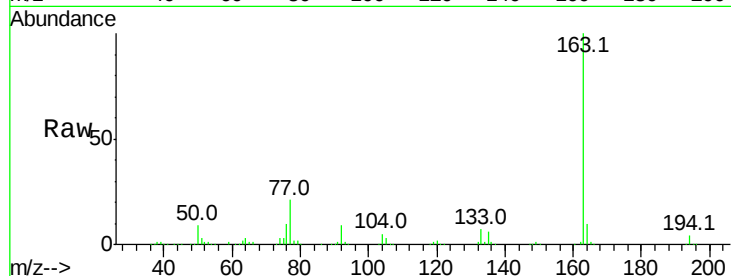




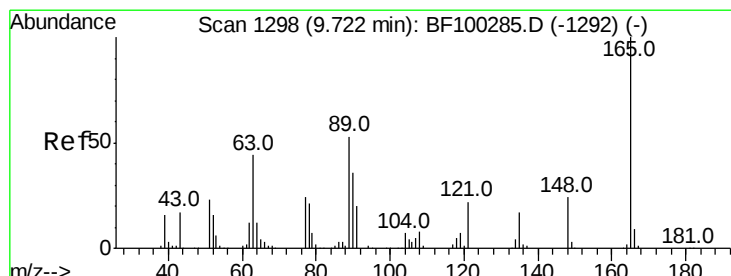
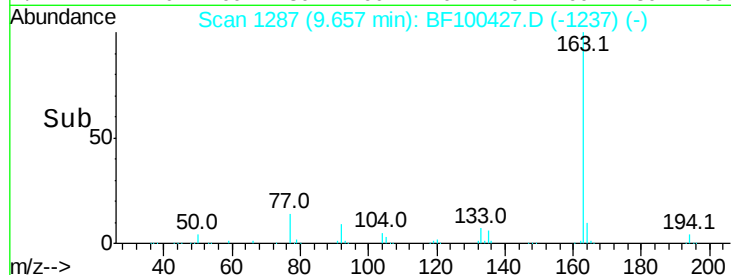
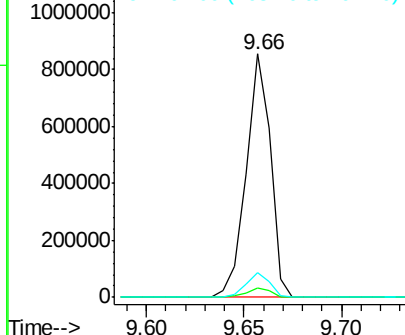
#49
Dimethylphthalate
Concen: 43.300 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 737498
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.4 8.2 12.2

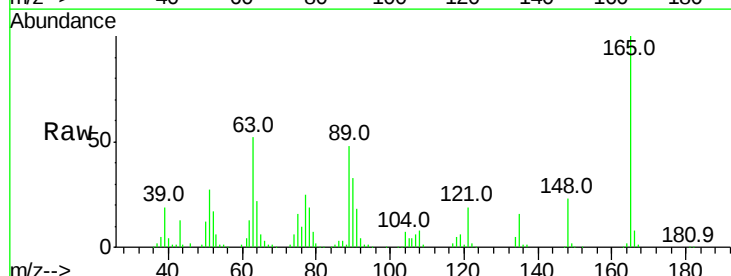


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

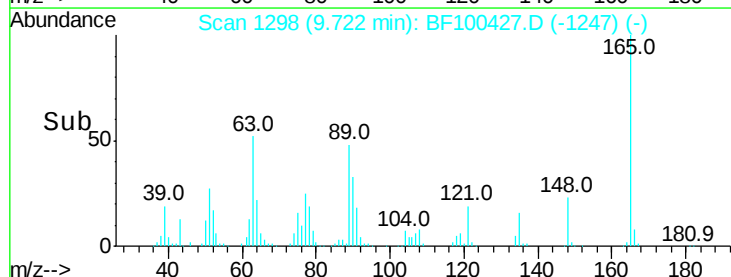
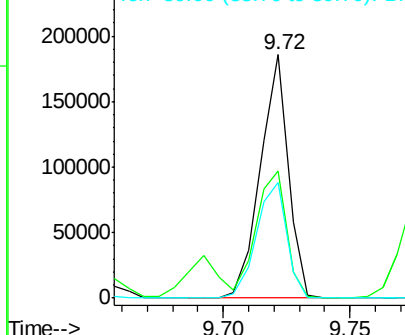


#50
2,6-Dinitrotoluene
Concen: 42.670 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion:165 Resp: 143859
Ion Ratio Lower Upper
165 100
63 52.3 44.7 67.1
89 47.6 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: 38.941 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

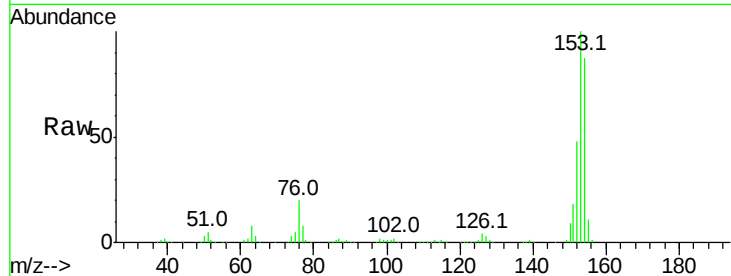
Tot Ion:154 Resp: 549362

Ion Ratio Lower Upper

154 100

153 115.2 91.2 136.8

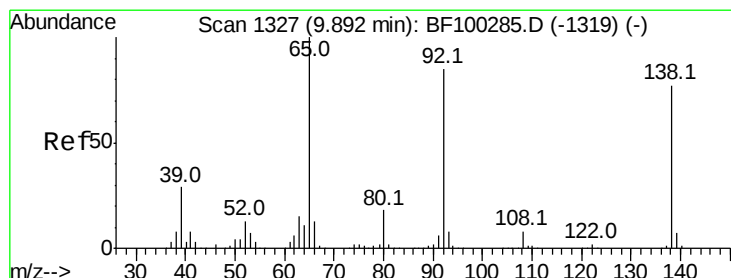
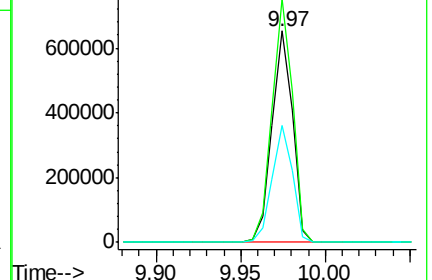
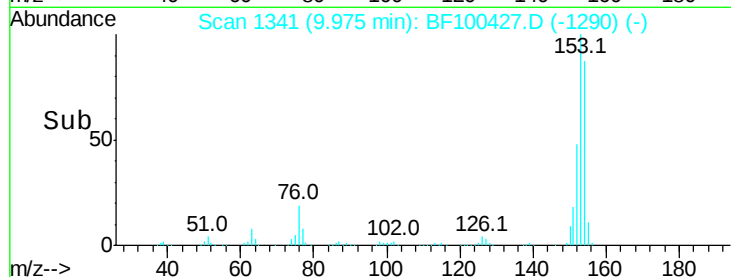
152 55.4 43.8 65.8



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: 44.787 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

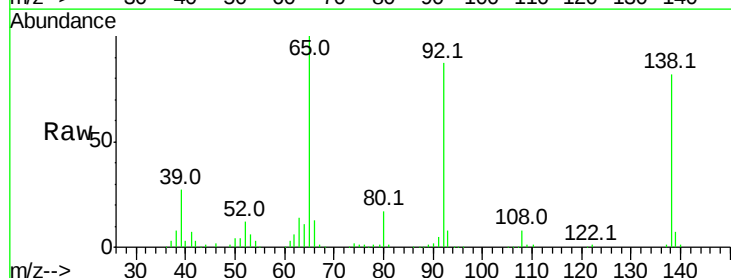
Tgt Ion:138 Resp: 178305

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

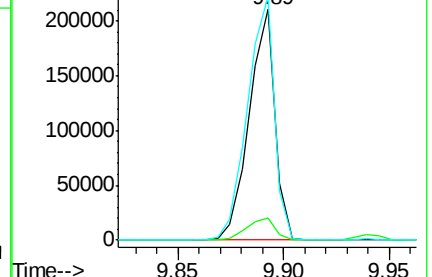
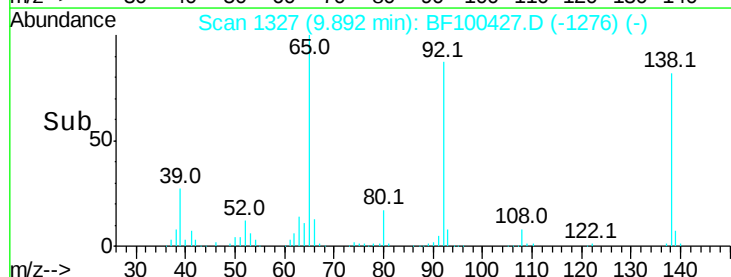
92 105.6 89.4 134.2

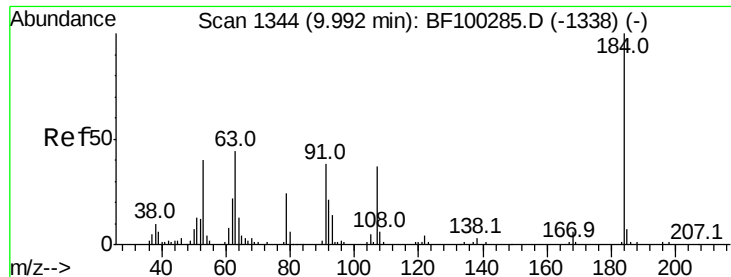


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

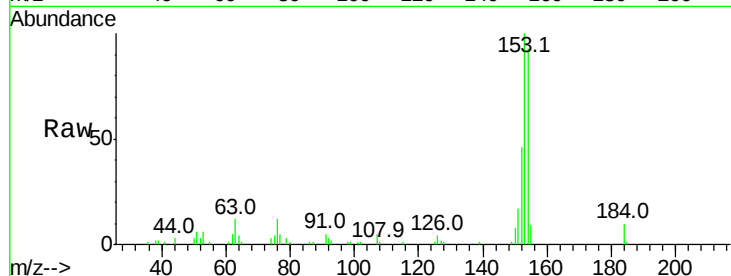




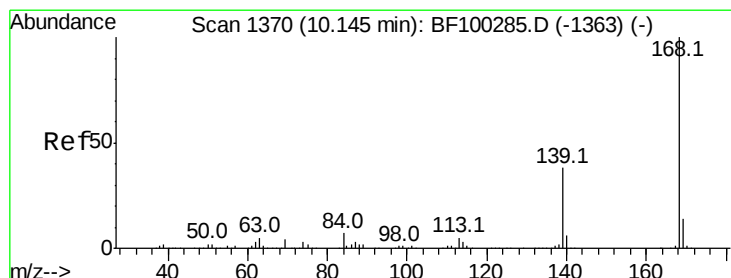
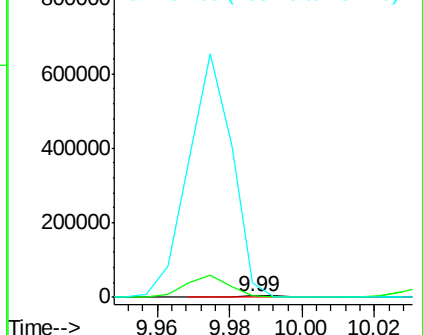
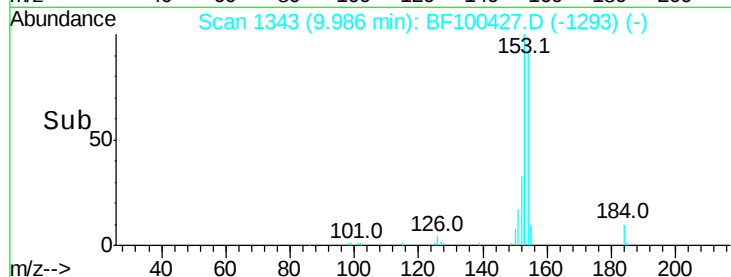
#53
2,4-Dinitrophenol
Concen: 10.966 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 3414
Ion Ratio Lower Upper
184 100
63 115.8 54.2 81.2#
154 899.5 184.0 276.0#

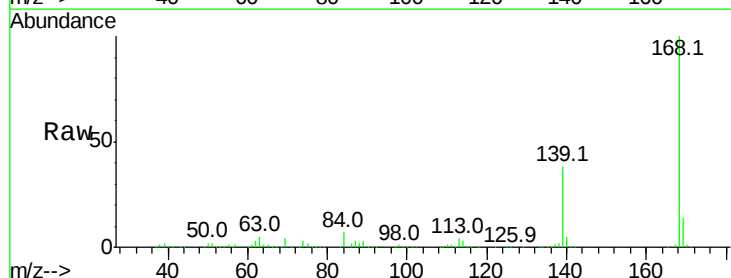


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

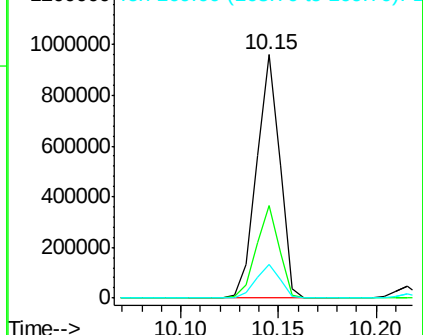
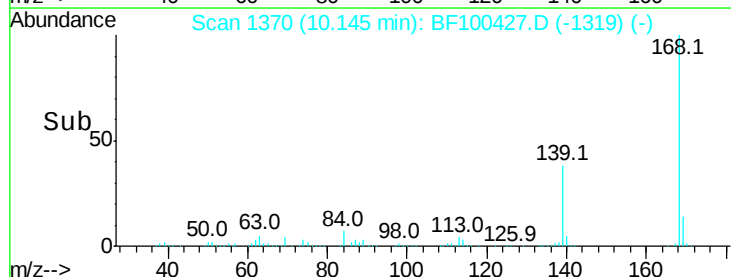


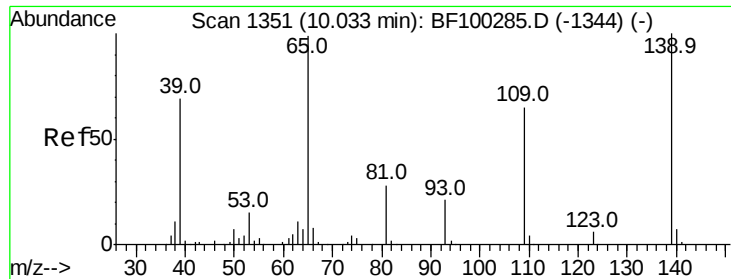
#54
Dibenzofuran
Concen: 39.869 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion:168 Resp: 788308
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 14.1 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

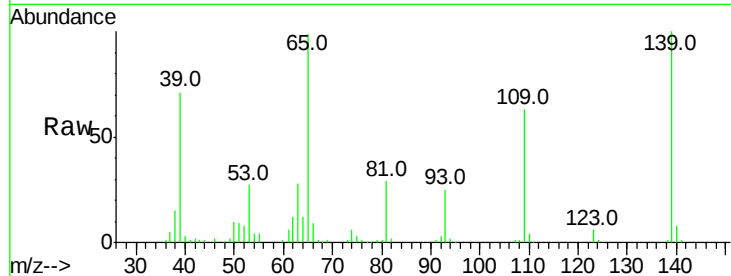




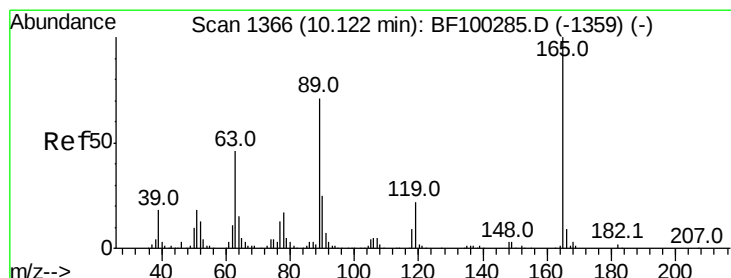
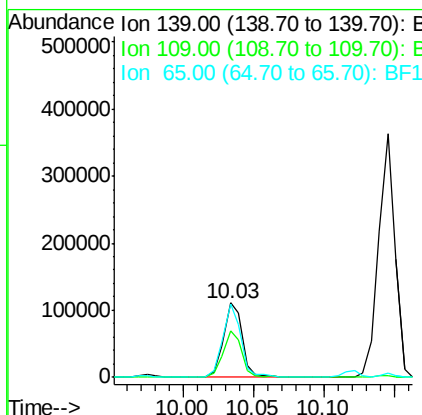
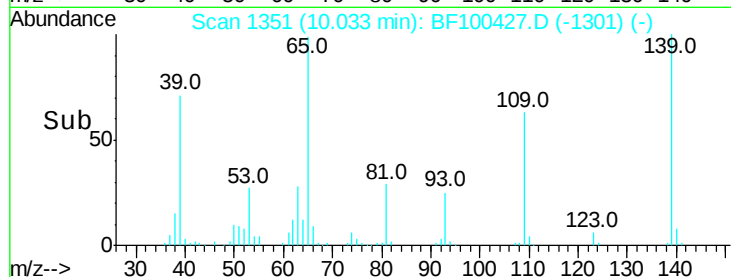
#55
4-Nitrophenol
Concen: 32.107 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 103789
Ion Ratio Lower Upper
139 100
109 63.1 48.4 88.4
65 99.2 72.6 112.6

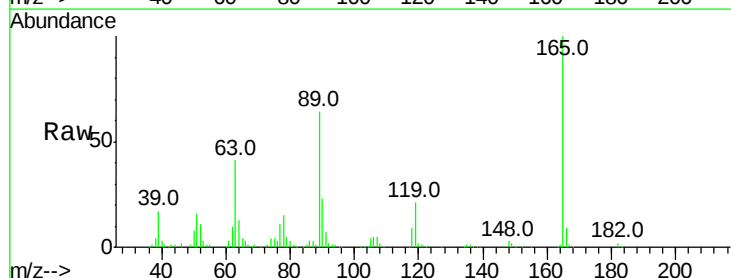


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

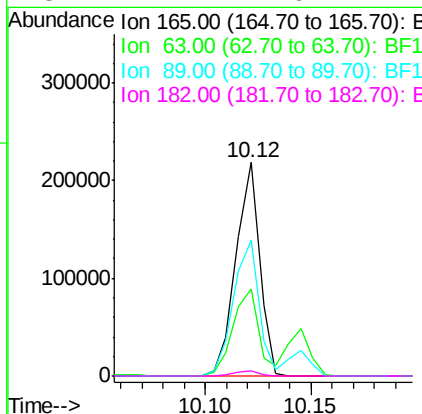
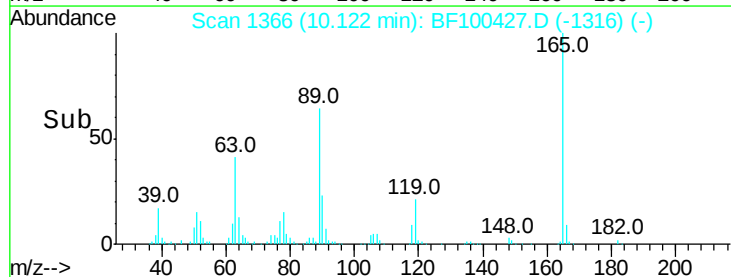


#56
2,4-Dinitrotoluene
Concen: 40.000 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion:165 Resp: 170126
Ion Ratio Lower Upper
165 100
63 40.7 36.4 54.6
89 63.6 57.8 86.6
182 2.2 1.6 2.4



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

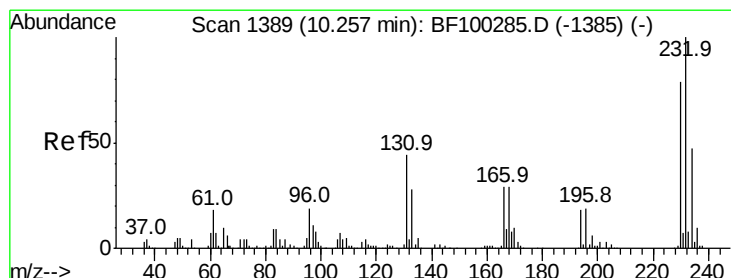
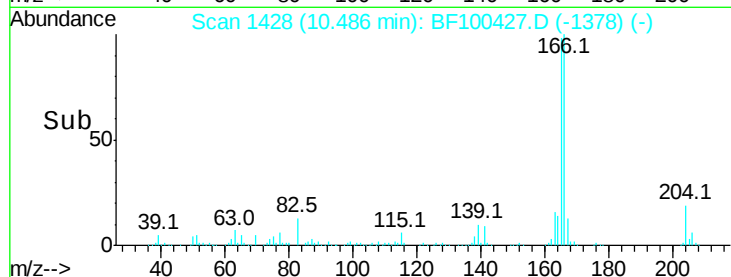
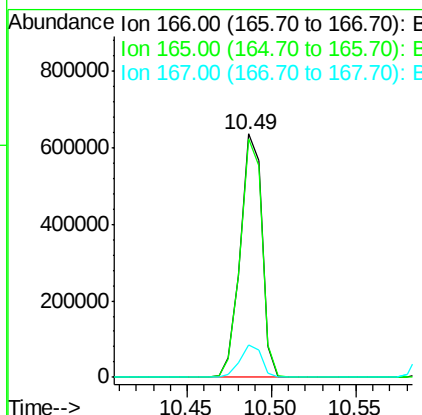
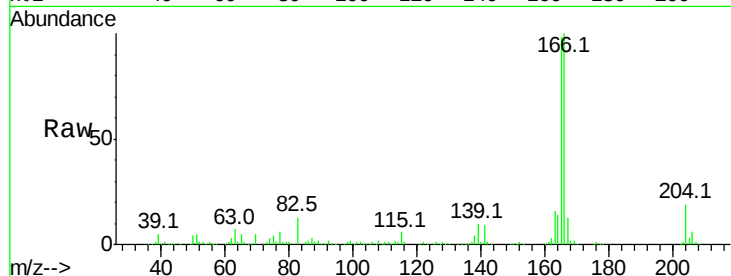




#57
Fluorene
 Concen: 39.198 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

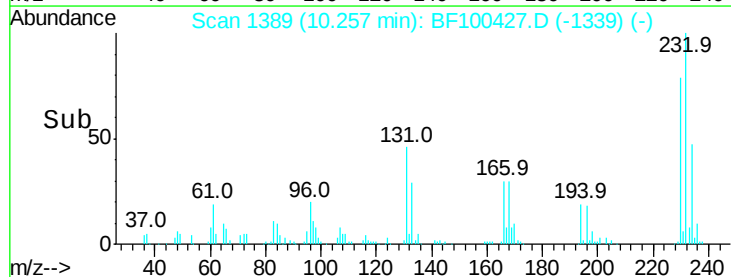
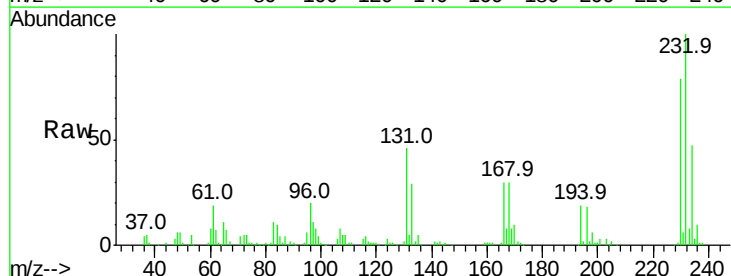
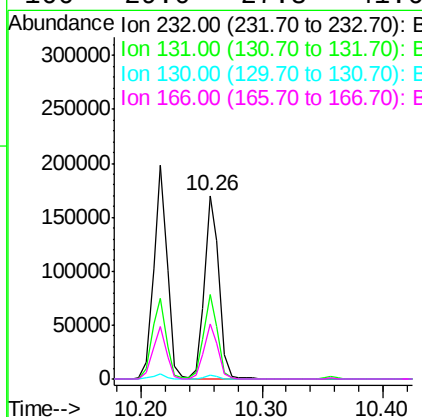
Instrument :
 BNA_F
 ClientSampleId :

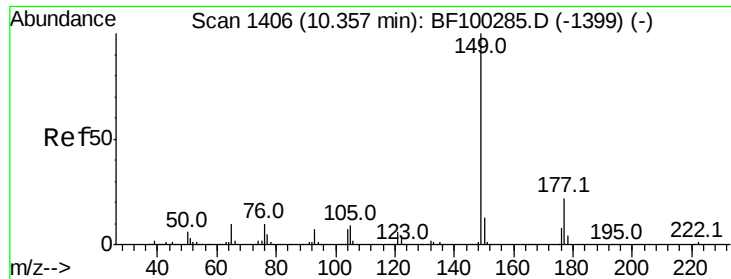
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.8
167	13.5	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.670 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.3	43.8	65.8
130	1.8	2.1	3.1#
166	29.0	27.8	41.6

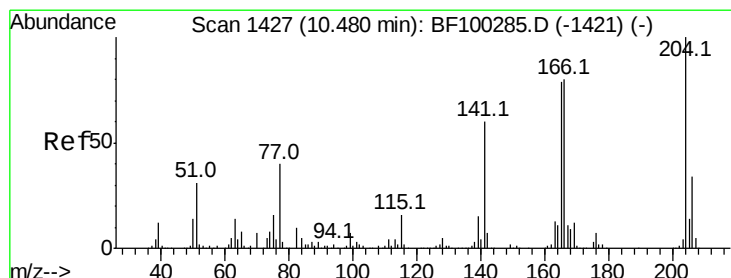
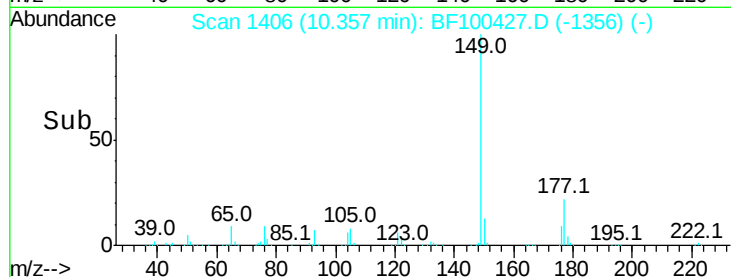
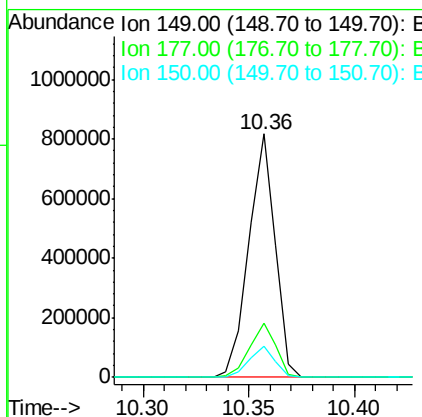
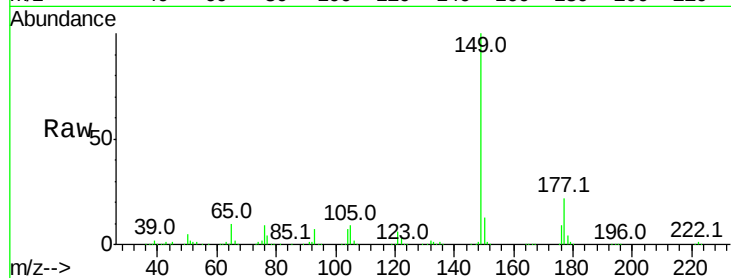




#59
Diethylphthalate
Concen: 41.583 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

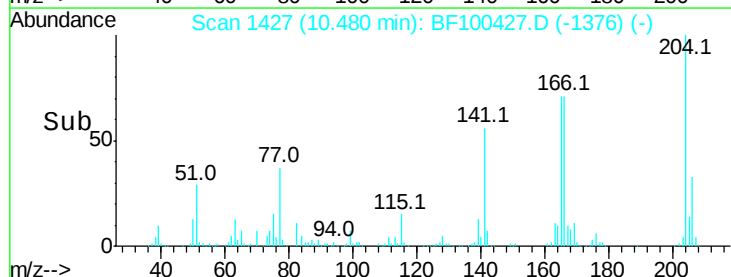
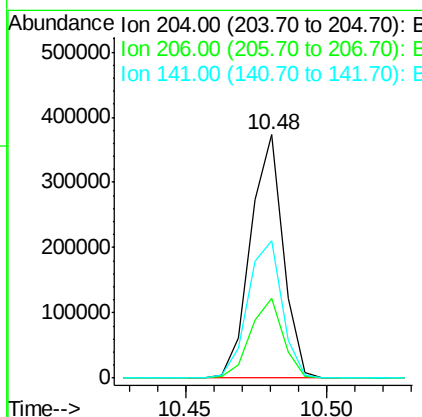
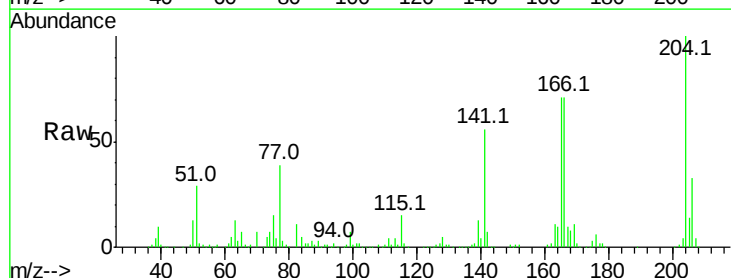
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 708757
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 41.932 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion:204 Resp: 297953
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 56.4 54.6 81.8

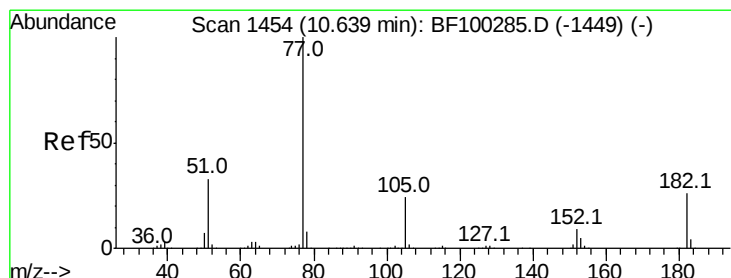
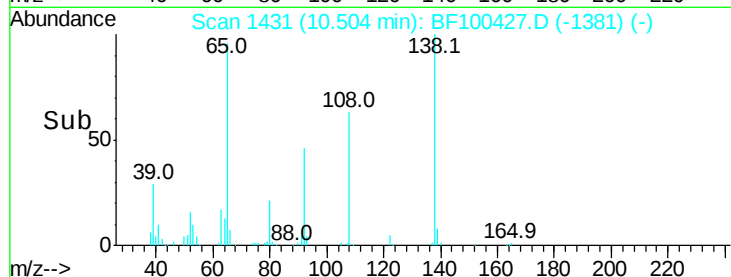
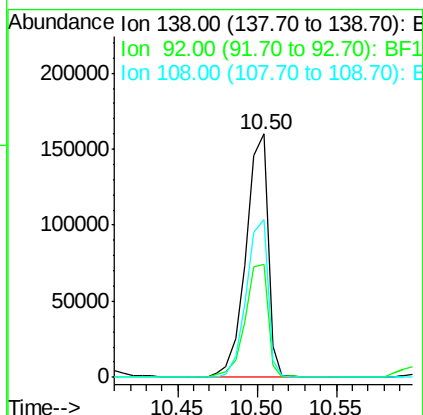
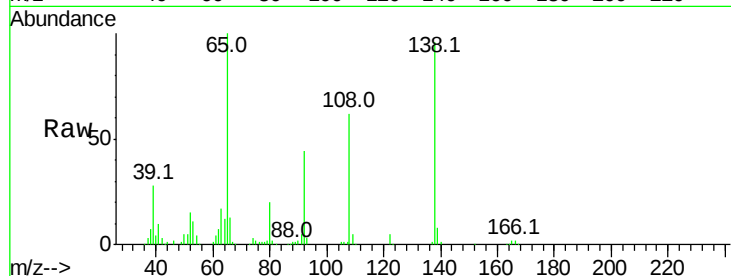




#61
4-Nitroaniline
Concen: 41.116 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

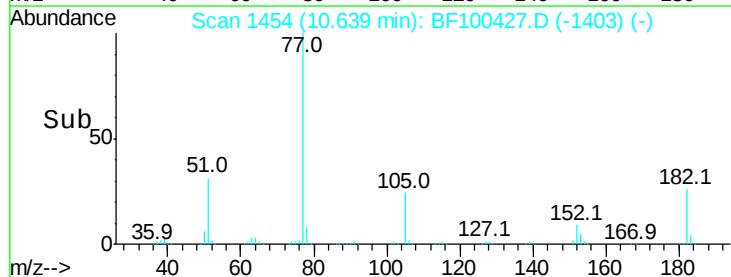
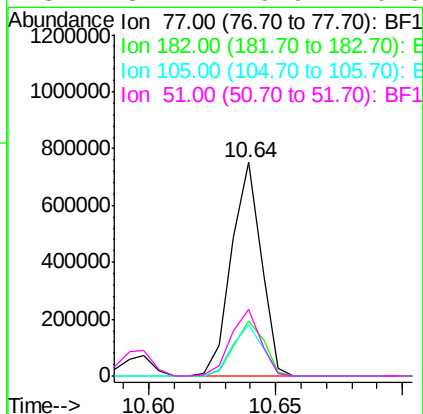
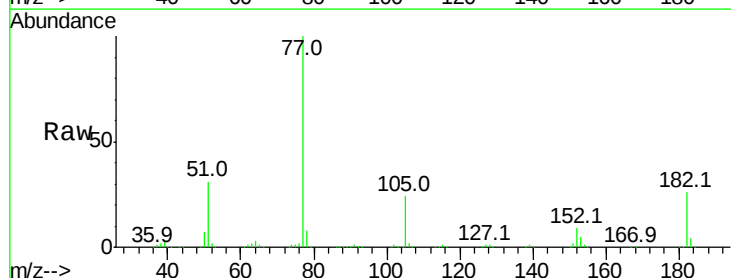
Instrument :
BNA_F
ClientSampleId :

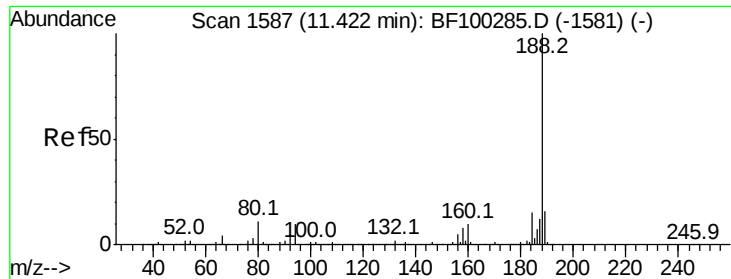
Tot Ion:138 Resp: 155212
Ion Ratio Lower Upper
138 100
92 46.2 30.2 70.2
108 65.1 52.5 92.5



#62
Azobenzene
Concen: 38.161 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion: 77 Resp: 612608
Ion Ratio Lower Upper
77 100
182 25.8 1.7 41.7
105 24.1 3.0 43.0
51 31.2 9.9 49.9

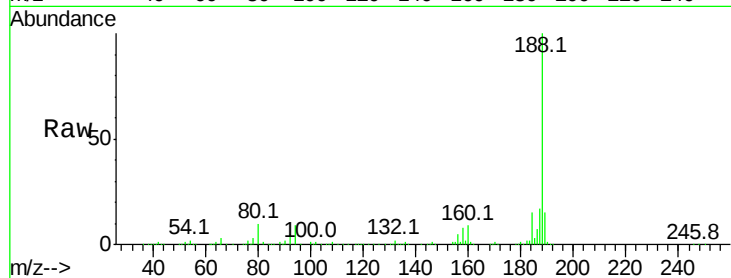




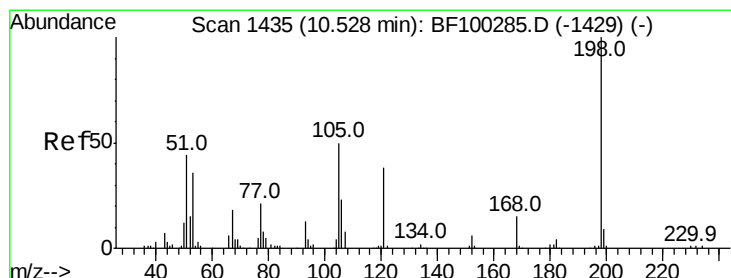
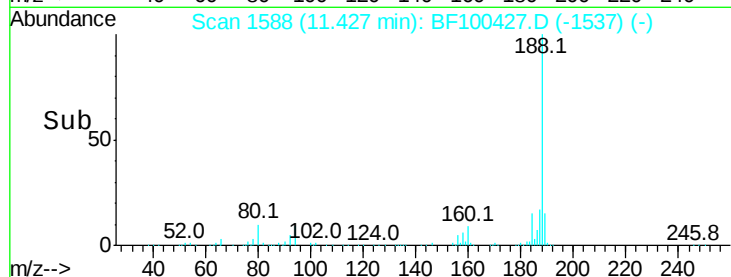
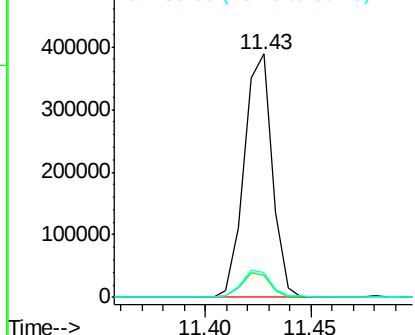
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 358392
Ion Ratio Lower Upper
188 100
94 9.3 8.5 12.7
80 10.1 9.2 13.8

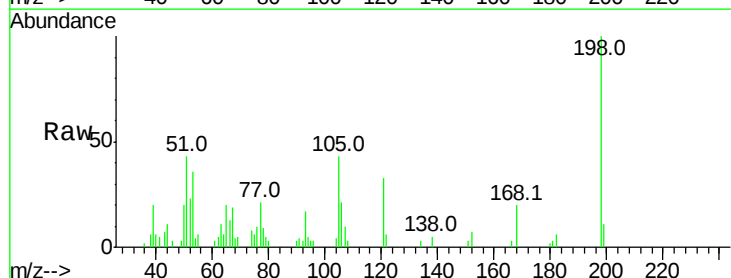


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

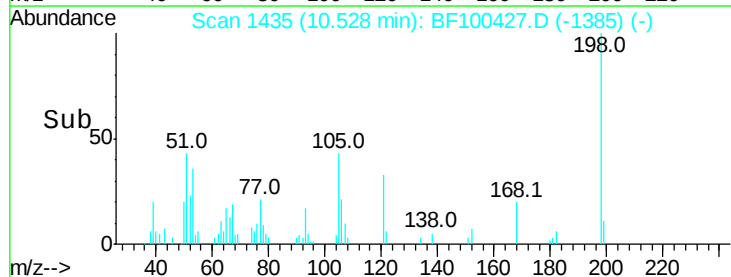
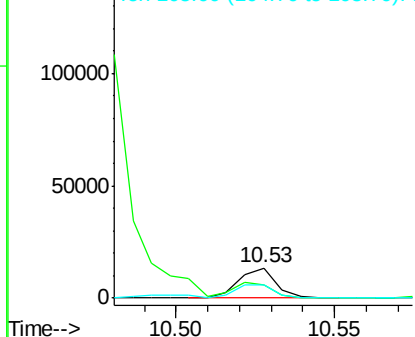


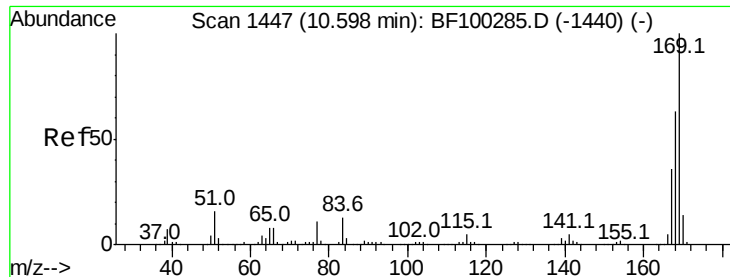
#64
4,6-Dinitro-2-methylphenol
Concen: 13.432 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion:198 Resp: 10711
Ion Ratio Lower Upper
198 100
51 42.8 37.7 77.7
105 42.6 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

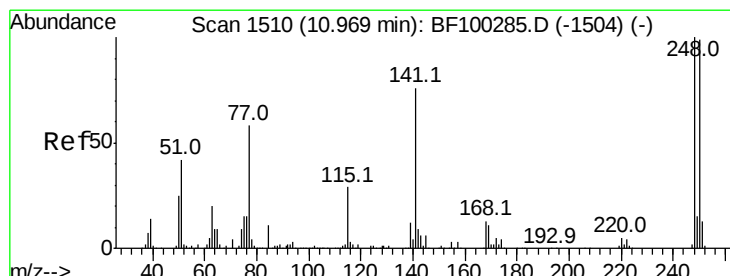
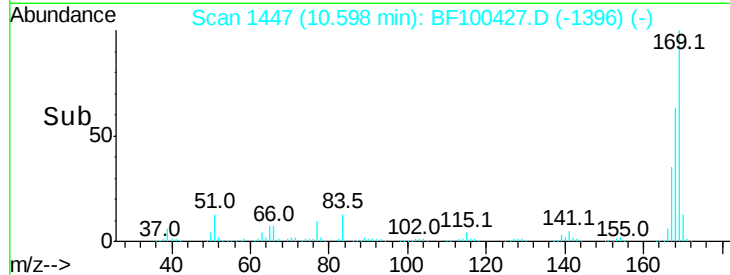
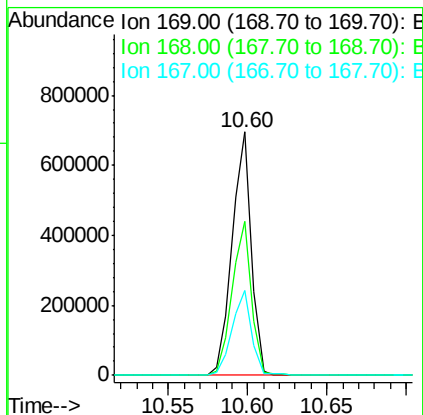
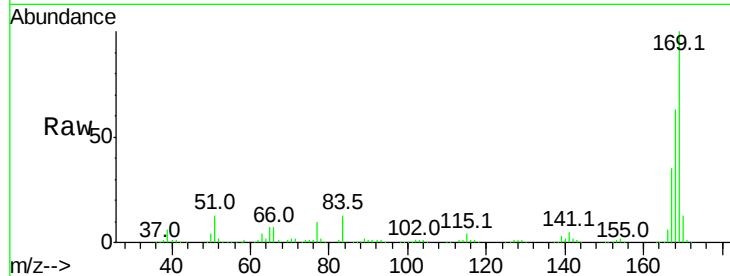




#65
 n-Nitrosodiphenylamine
 Concen: 46.825 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

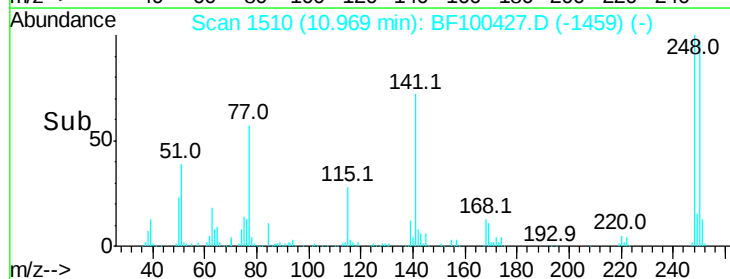
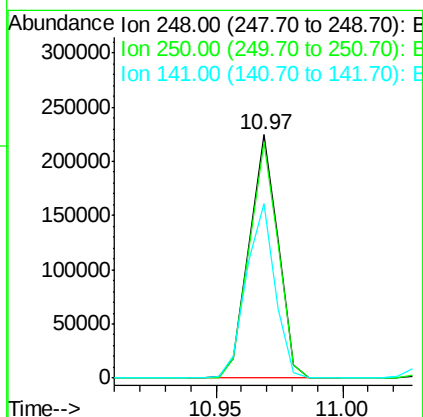
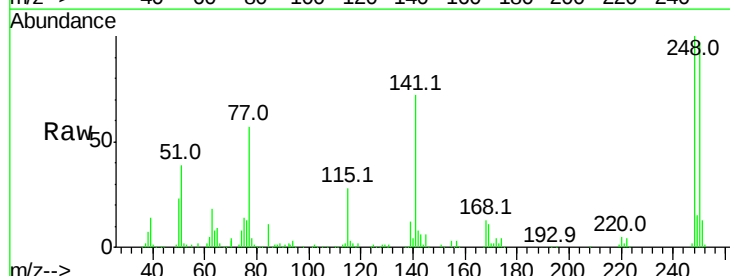
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.1	54.4	81.6
167	35.1	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.370 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.9	115.3
141	71.7	74.4	111.6#

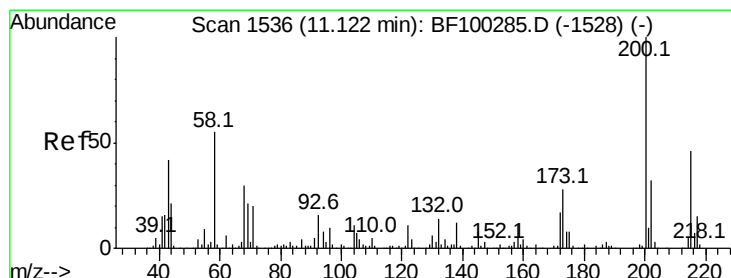
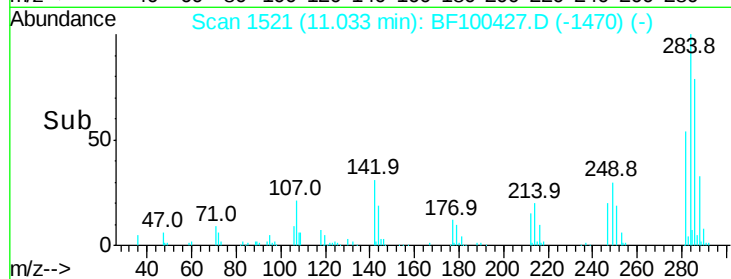
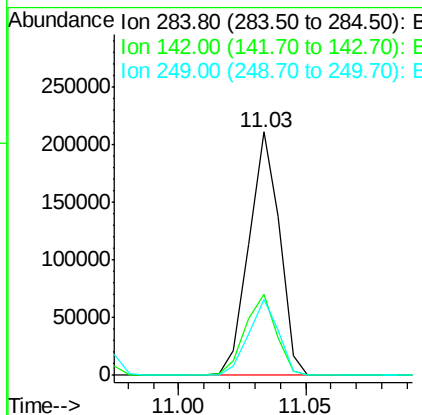
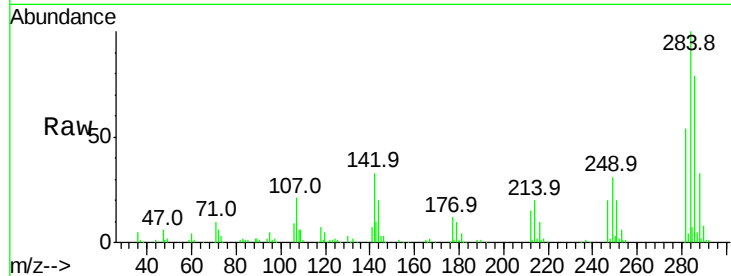




#67
Hexachlorobenzene
Concen: 44.204 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

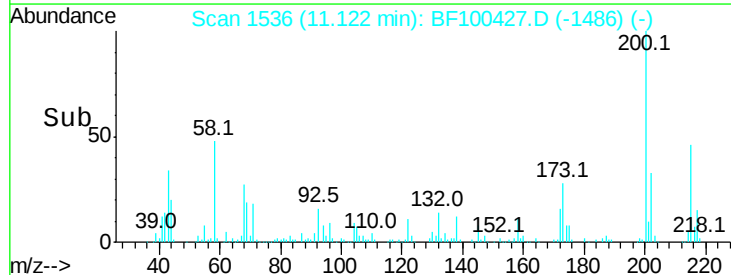
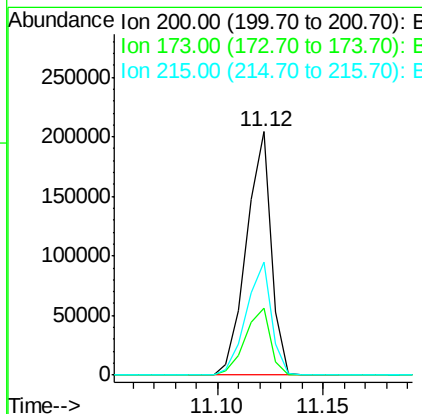
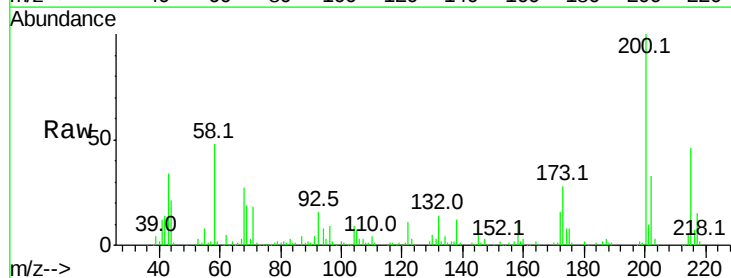
Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 177620
Ion Ratio Lower Upper
284 100
142 33.1 34.6 52.0#
249 31.0 24.8 37.2



#68
Atrazine
Concen: 44.158 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion:200 Resp: 166573
Ion Ratio Lower Upper
200 100
173 27.7 8.6 48.6
215 46.5 25.1 65.1

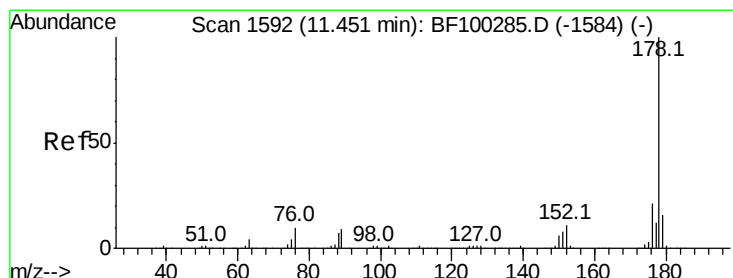
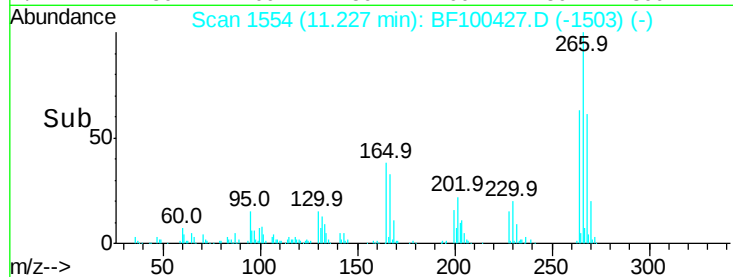
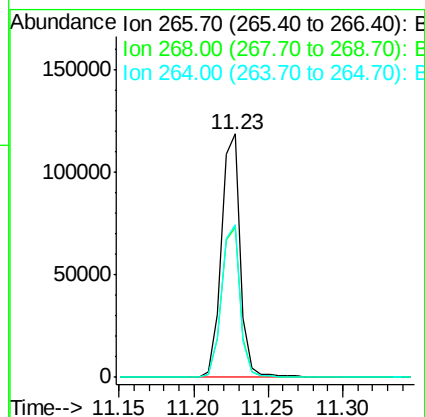
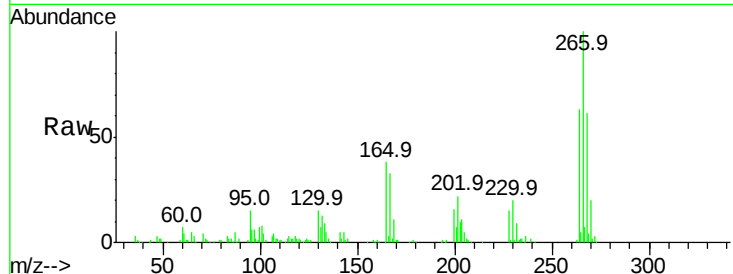




#69
 Pentachlorophenol
 Concen: 36.763 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

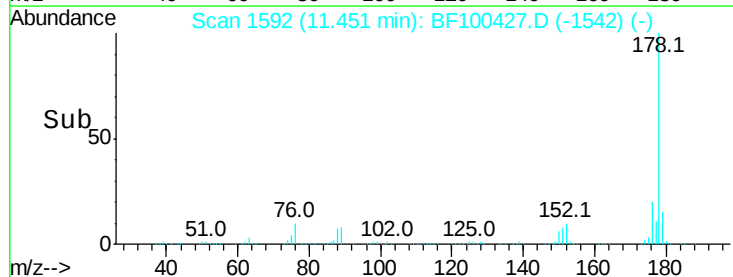
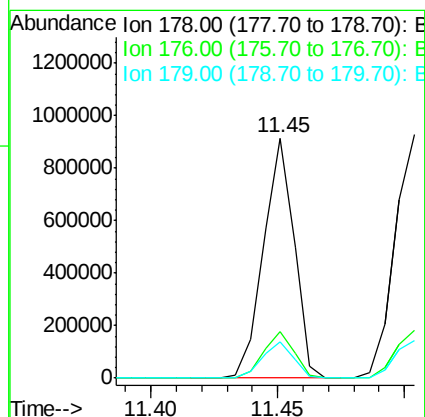
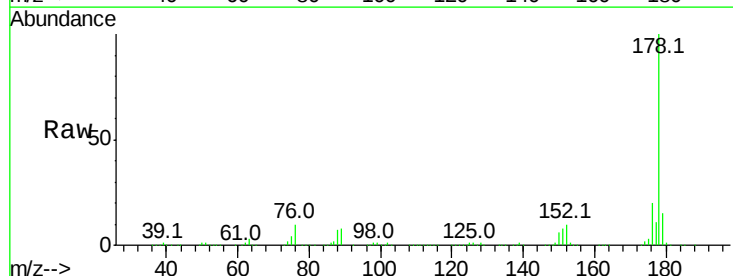
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.1	76.7
264	62.9	49.5	74.3



#70
 Phenanthrene
 Concen: 41.043 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

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

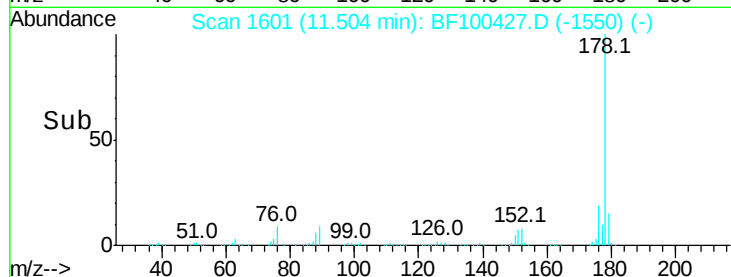
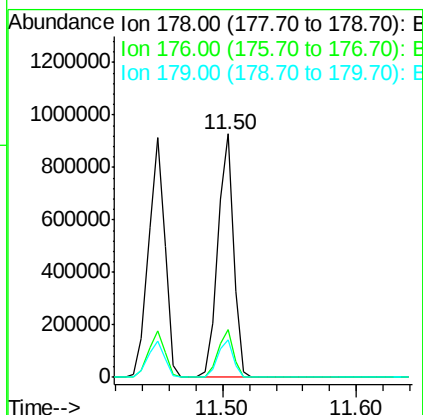
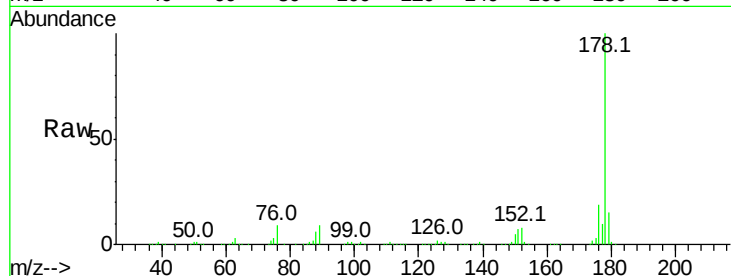




#71
 Anthracene
 Concen: 40.467 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

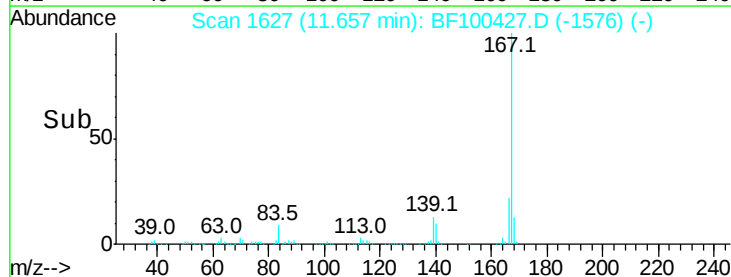
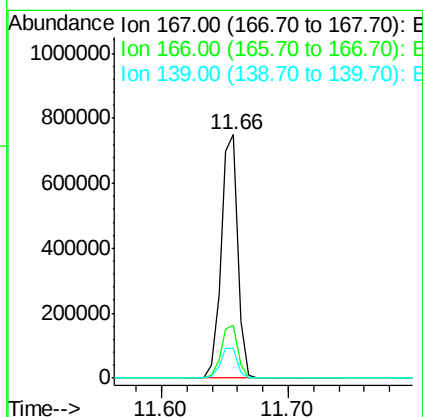
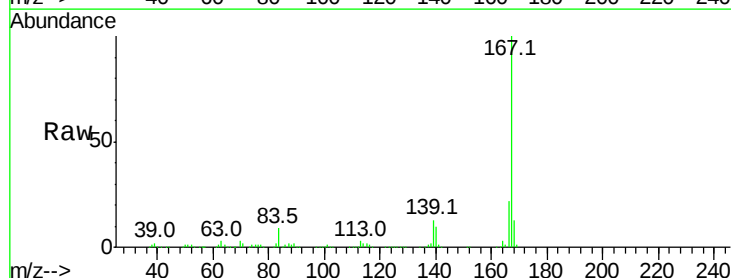
Instrument :
 BNA_F
 ClientSampleId :

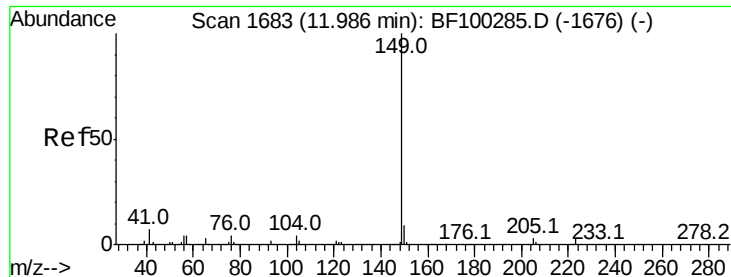
Tot Ion:178 Resp: 774719
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 38.756 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion:167 Resp: 684603
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.5 10.9 16.3





#73

Di-n-butylphthalate

Concen: 47.707 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BF100427.D

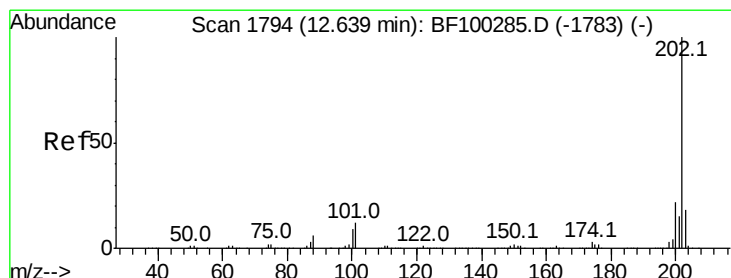
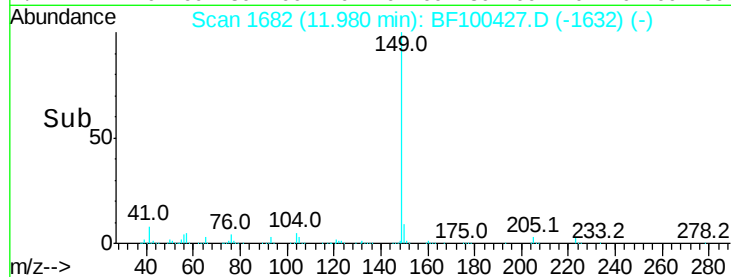
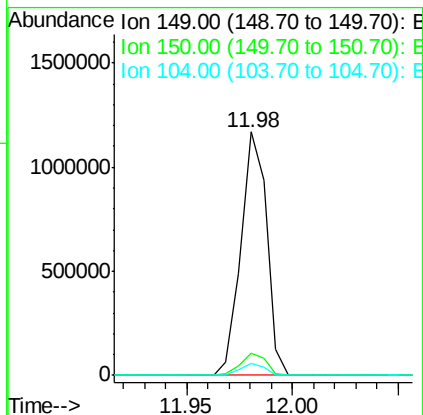
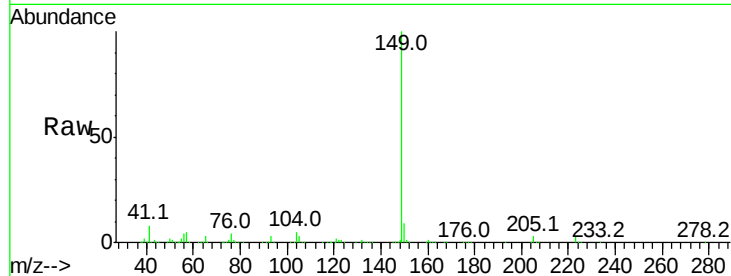
Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	986195
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	4.7	3.8	5.8



#74

Fluoranthene

Concen: 38.095 ng

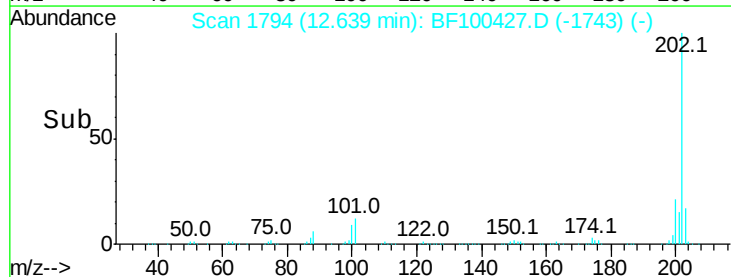
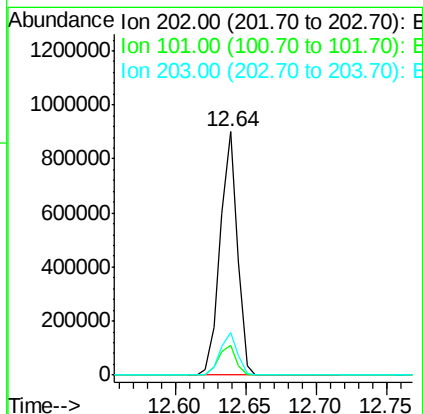
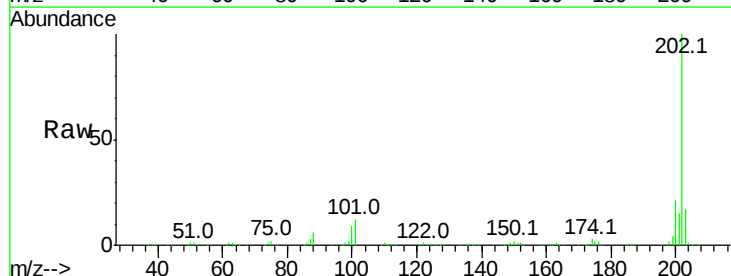
RT: 12.64 min Scan# 1794

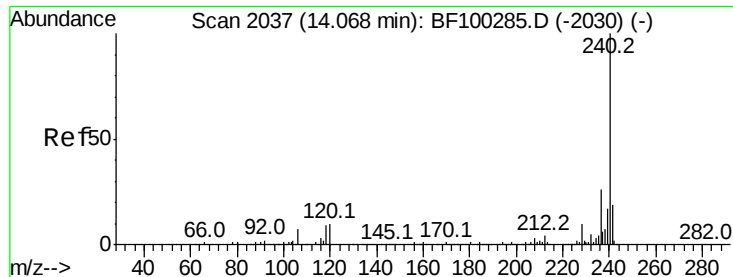
Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Tgt Ion:	202	Resp:	761833
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

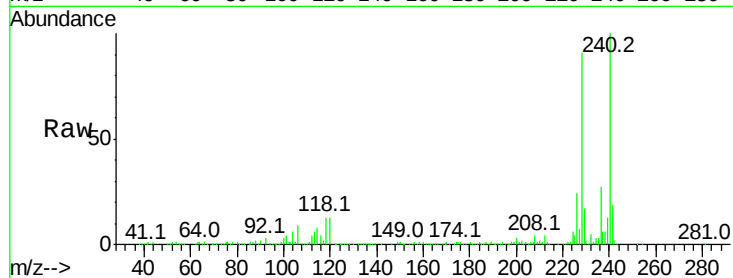
Tot Ion:240 Resp: 269934

Ion Ratio Lower Upper

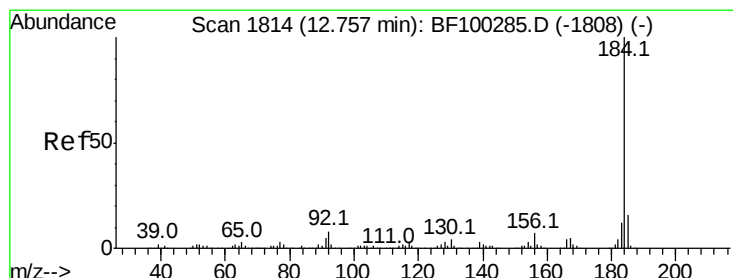
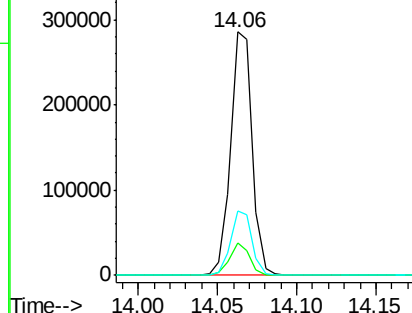
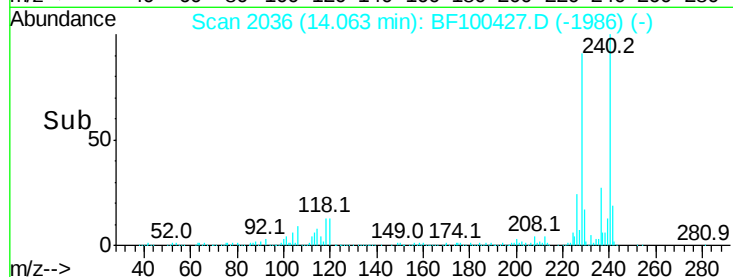
240 100

120 13.2 9.5 14.3

236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.138 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

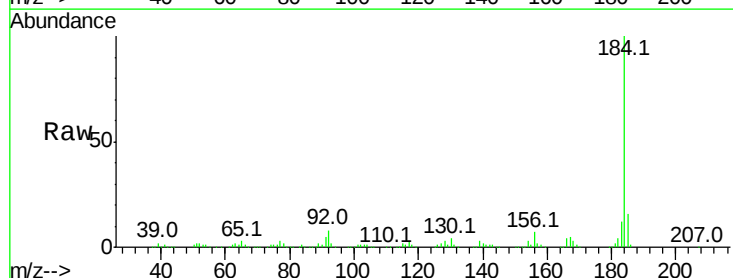
Tgt Ion:184 Resp: 369036

Ion Ratio Lower Upper

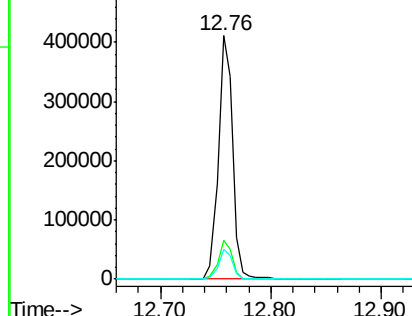
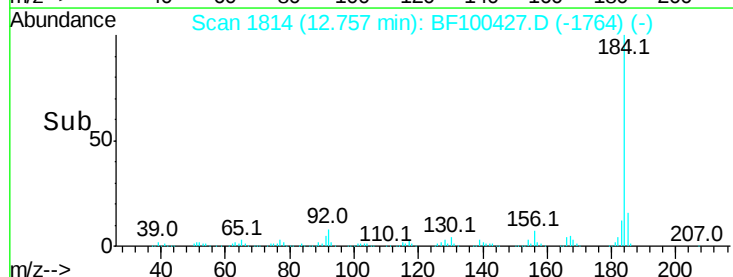
184 100

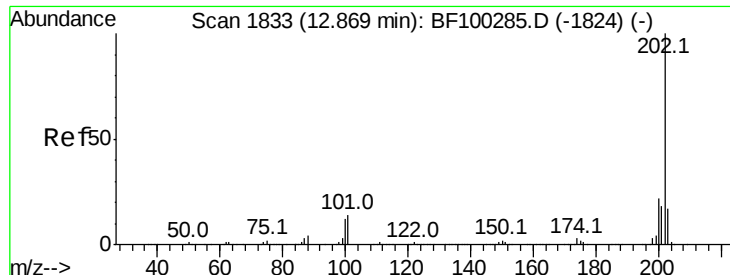
185 15.7 12.6 18.8

183 12.0 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

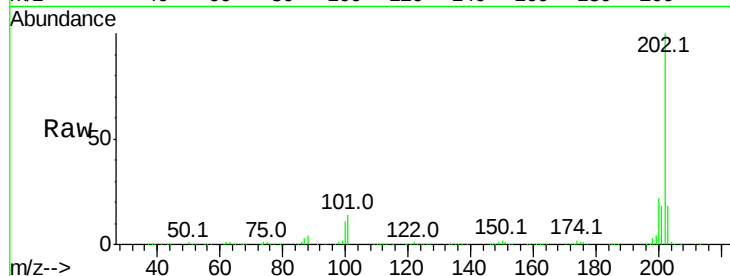




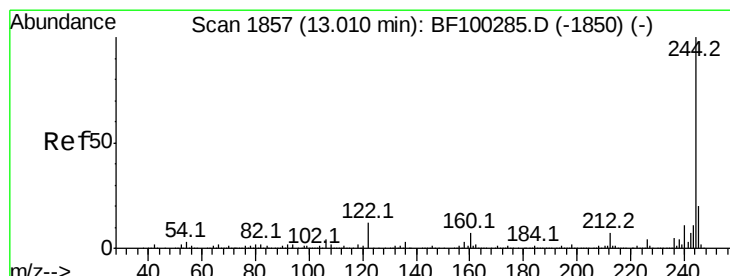
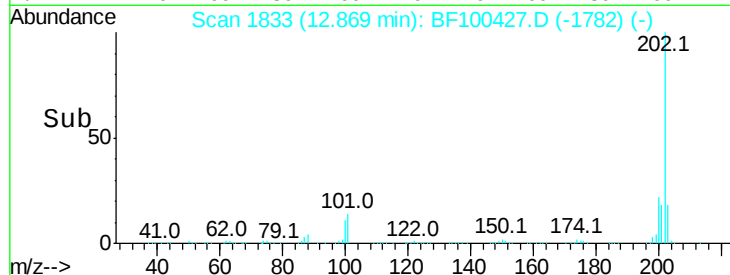
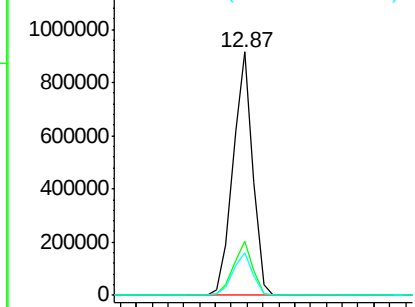
#77
Pvrene
Concen: 40.672 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 782601
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 17.6 14.3 21.5

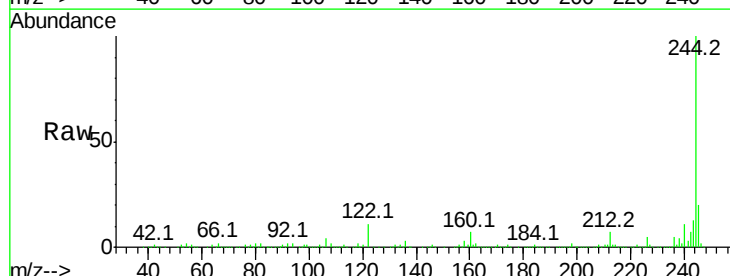


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

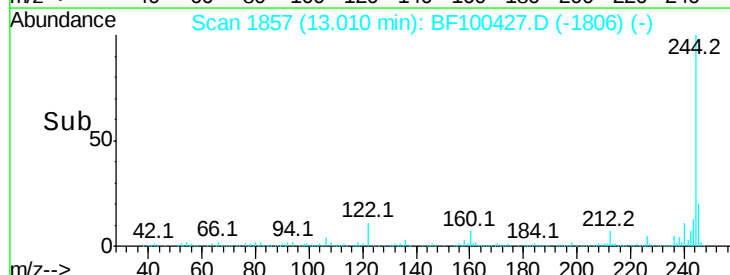
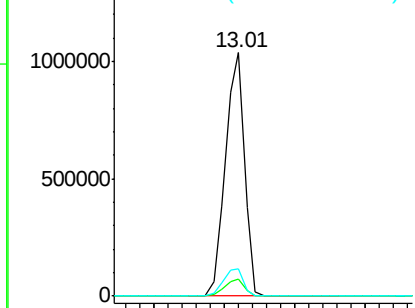


#78
Terphenyl-d14
Concen: 83.160 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion:244 Resp: 976957
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 11.0 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

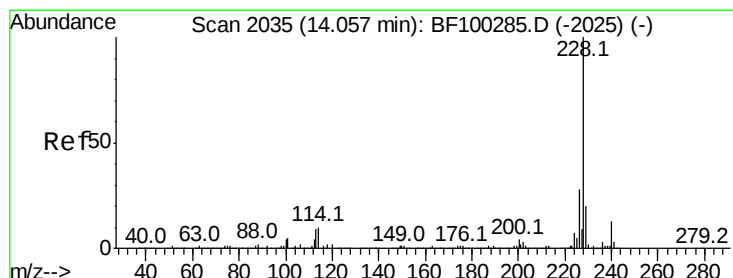
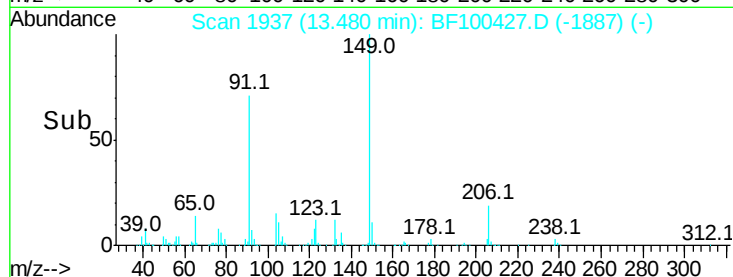
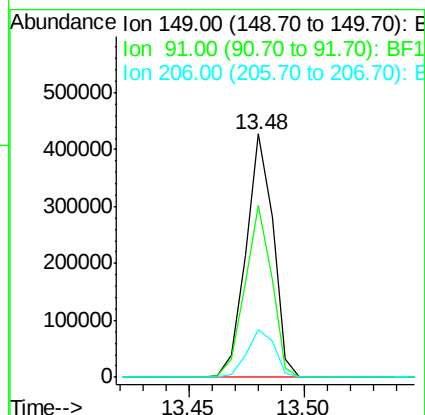
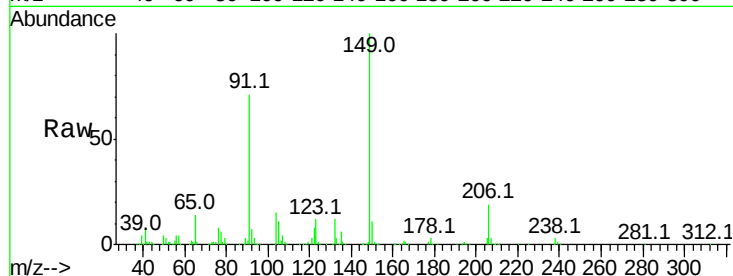




#79
Butylbenzylphthalate
Concen: 44.898 ng
RT: 13.48 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

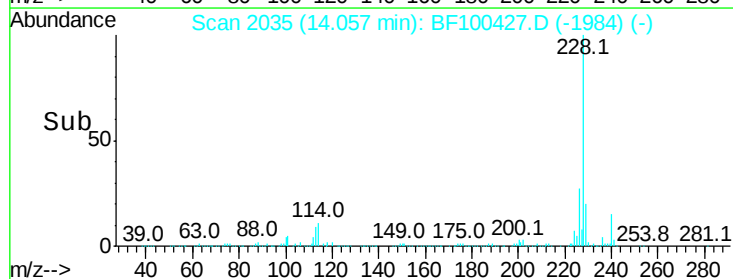
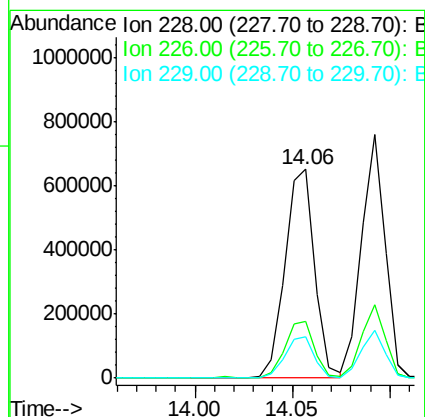
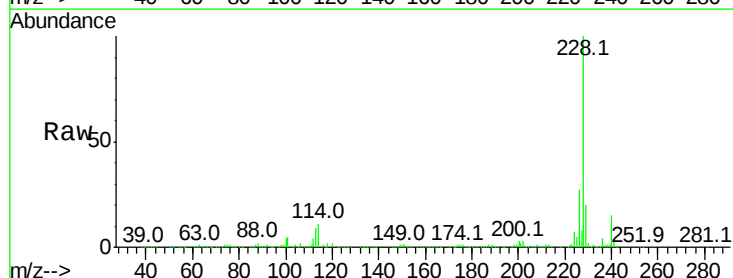
Instrument :
BNA_F
ClientSampled :

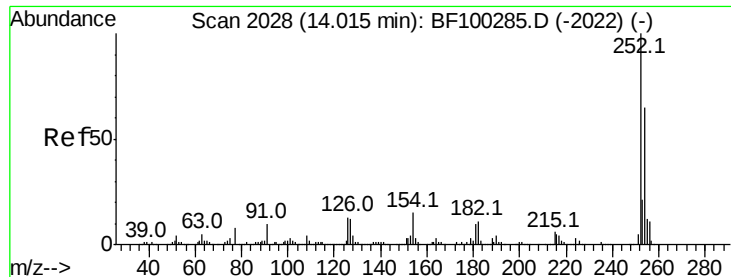
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.7	56.8	85.2
206	19.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 42.004 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.6	15.8	23.6

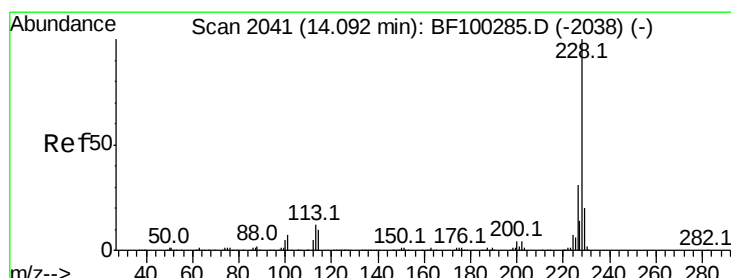
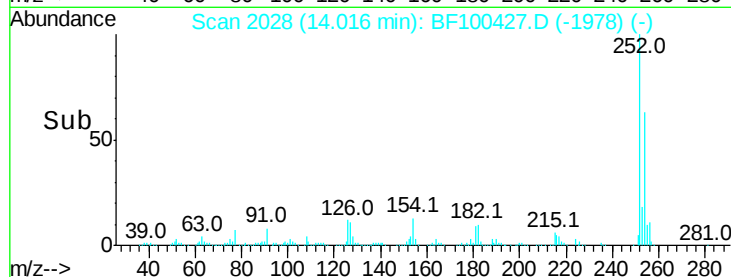
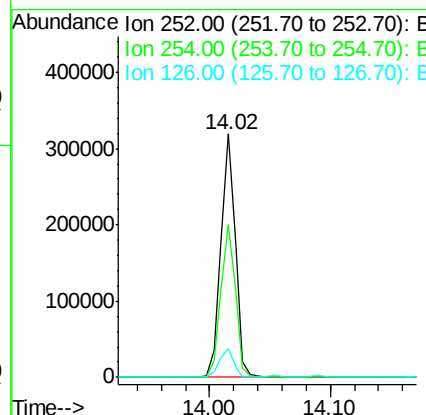
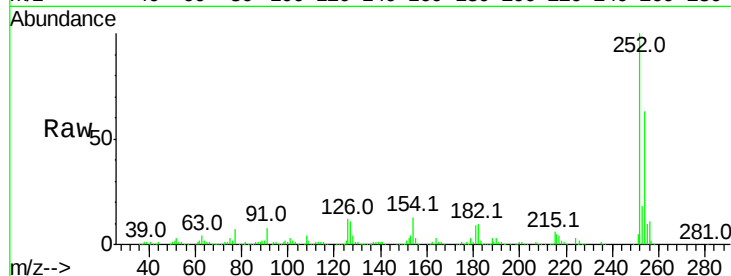




#81
 3,3'-Dichlorobenzidine
 Concen: 44.370 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

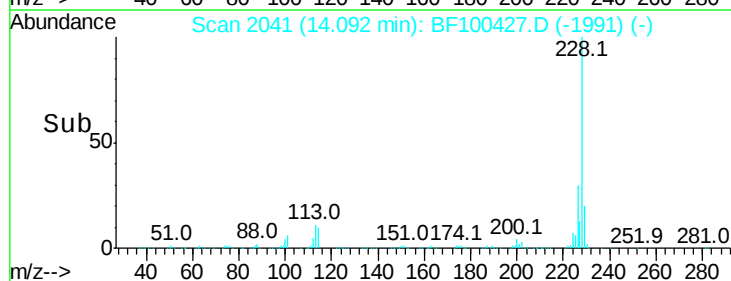
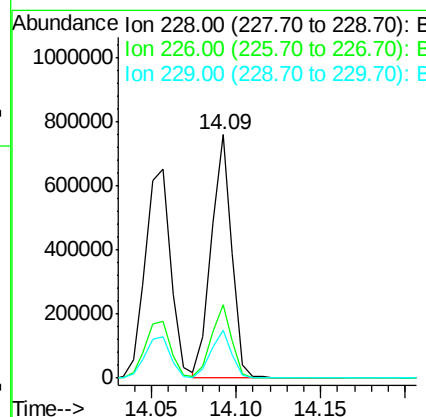
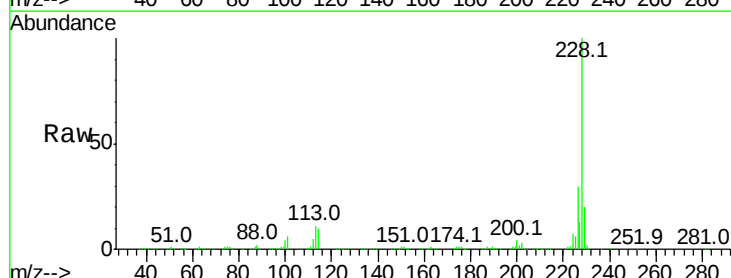
Instrument :
 BNA_F
 ClientSampleId :

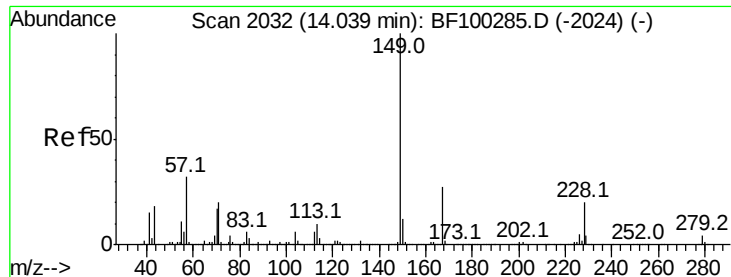
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.4	75.6
126	11.6	11.3	16.9



#82
 Chrysene
 Concen: 40.914 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.8	16.2	24.4

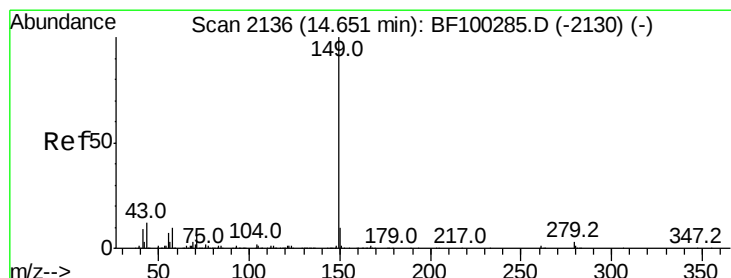
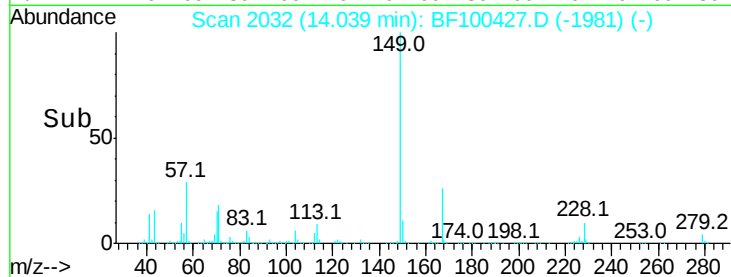
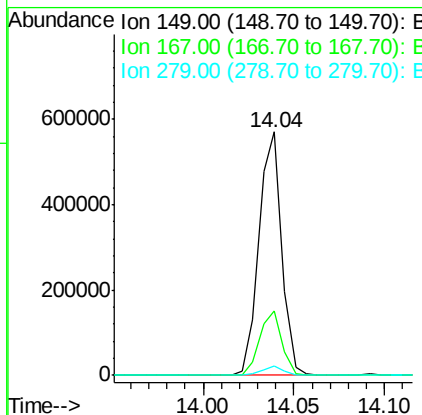
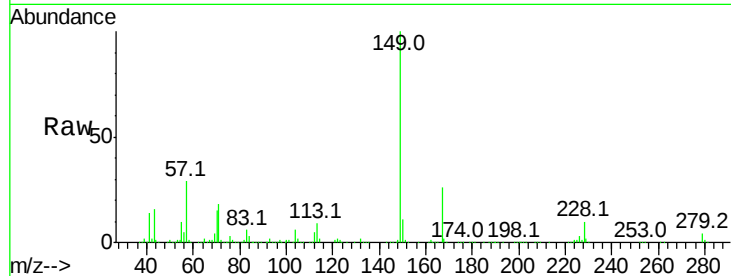




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.231 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

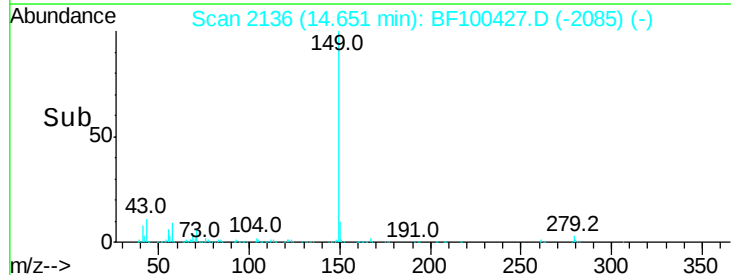
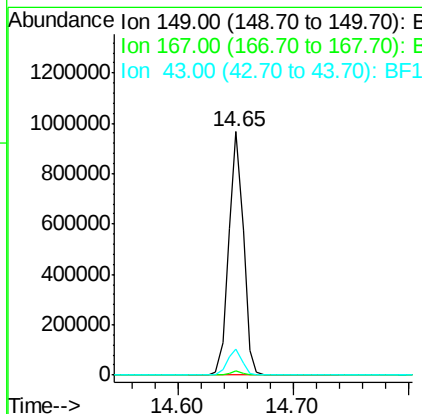
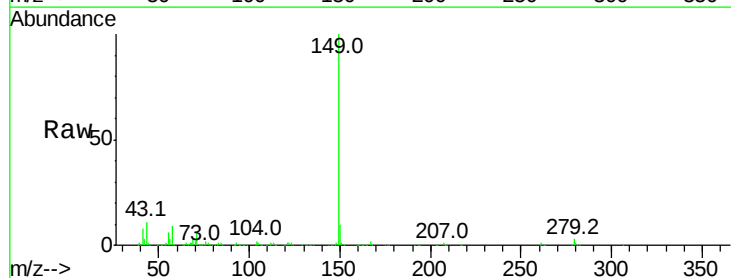
Instrument :
 BNA_F
 ClientSampleId :

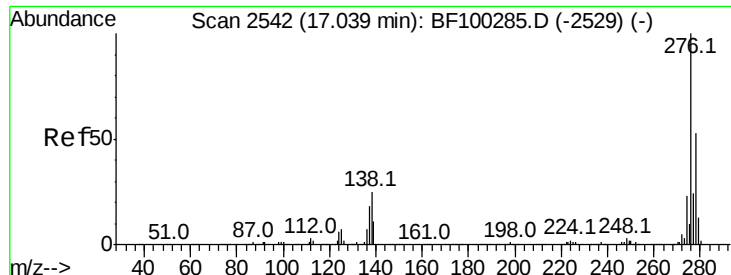
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.8	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 47.581 ng
 RT: 14.65 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.8	8.4	12.6

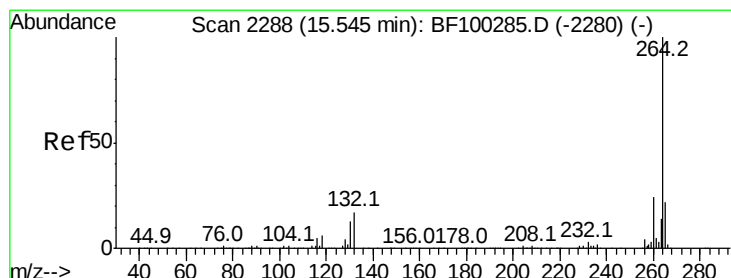
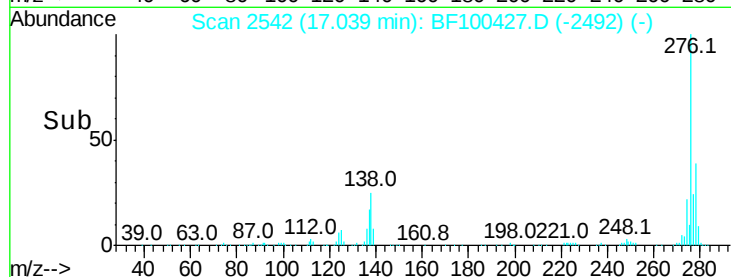
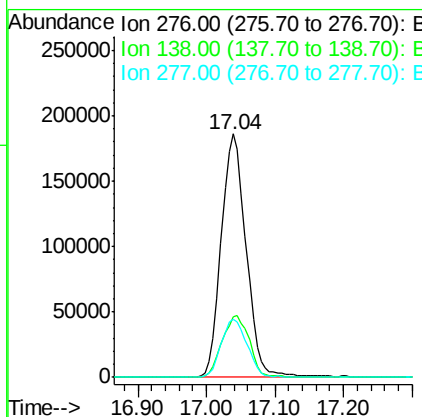
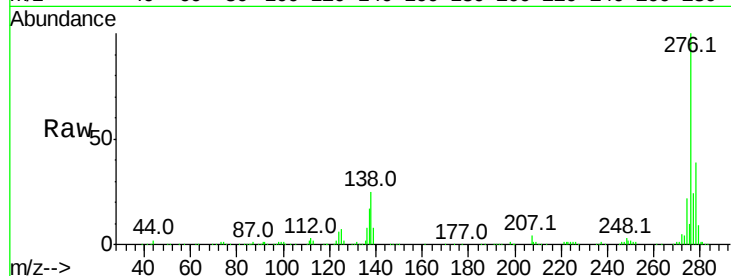




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.770 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

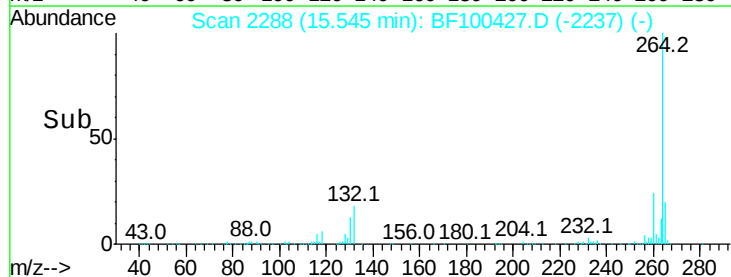
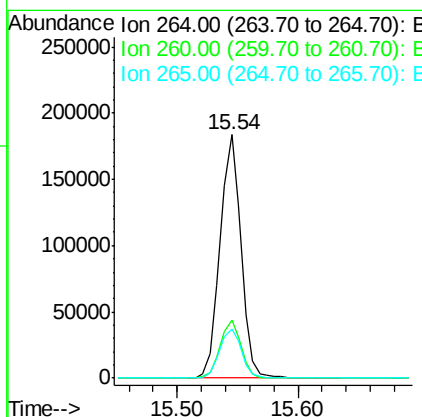
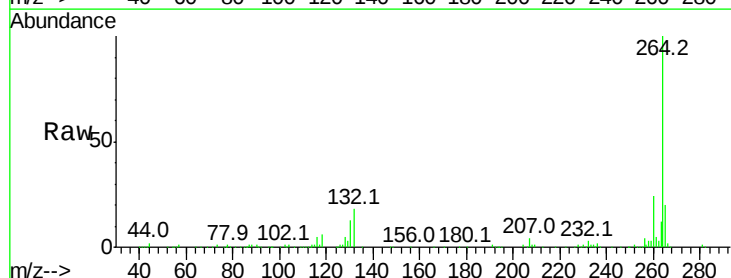
Instrument :
 BNA_F
 ClientSampleId :

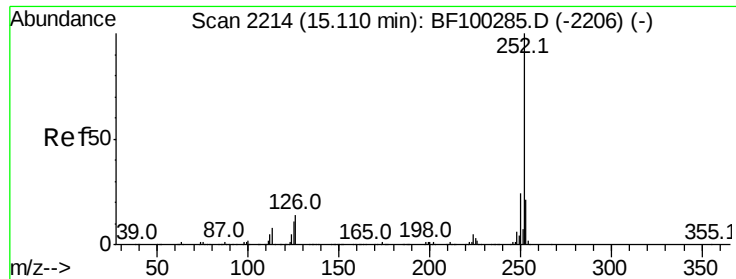
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	24.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF100427.D
 Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.072 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

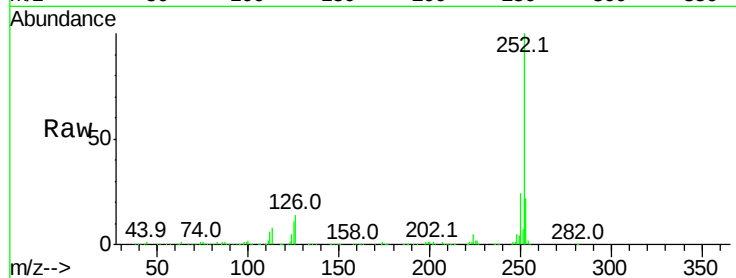
Tot Ion:252 Resp: 587761

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

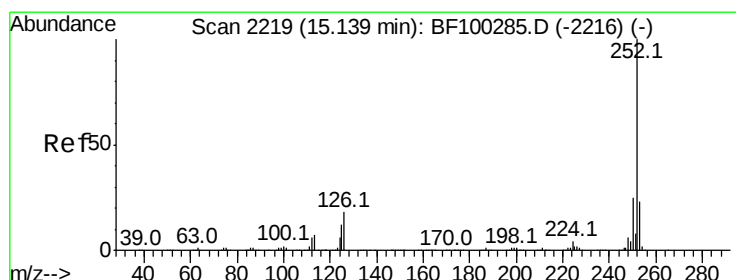
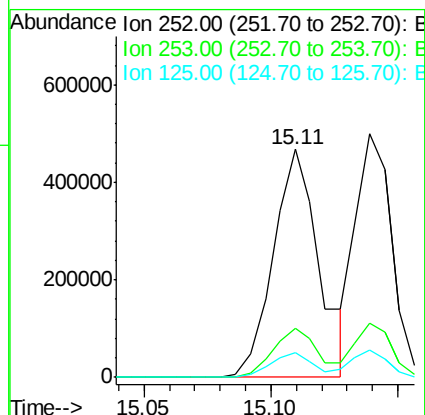
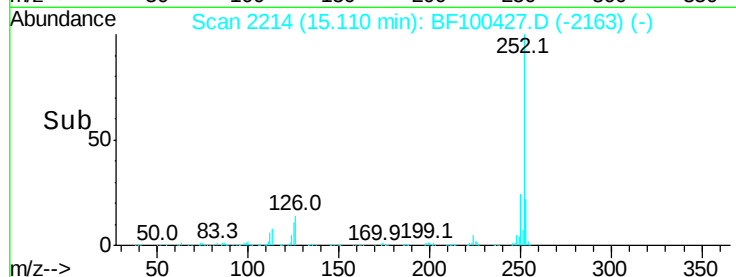
125 10.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.979 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

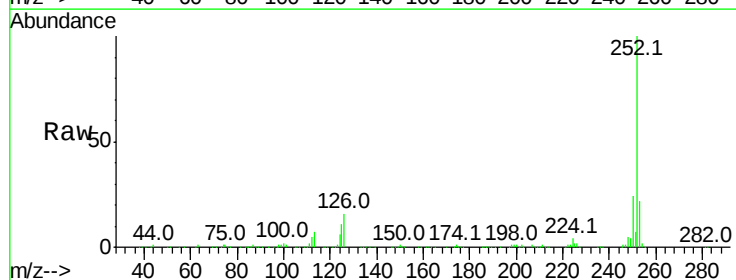
Tgt Ion:252 Resp: 504919

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

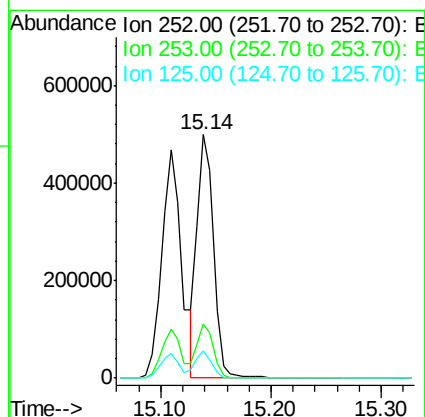
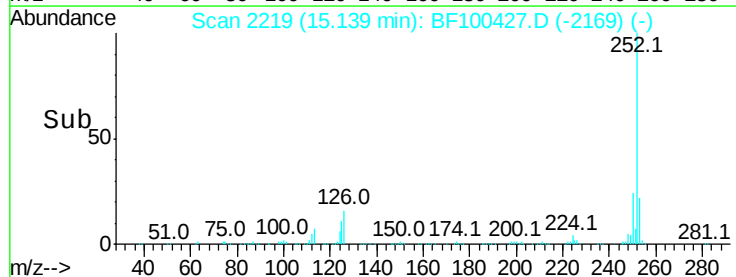
125 11.1 10.2 15.2

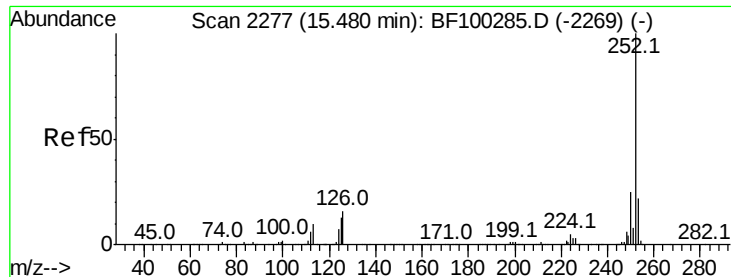


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

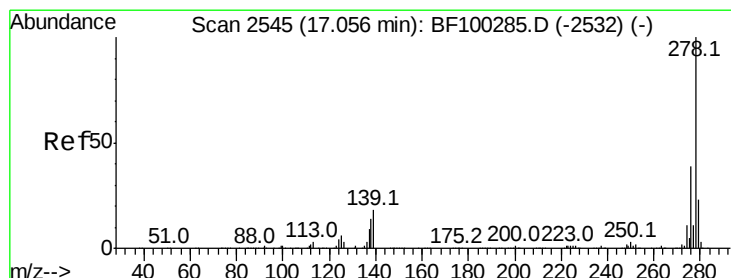
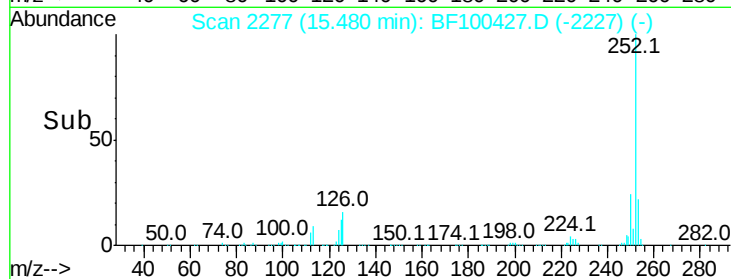
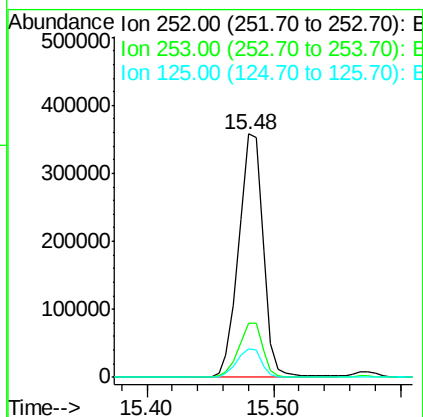
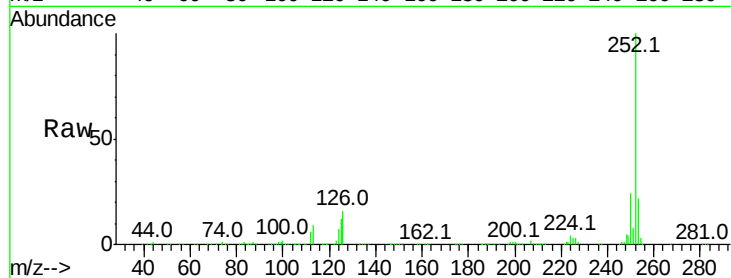




#89
Benzo(a)pyrene
Concen: 41.506 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

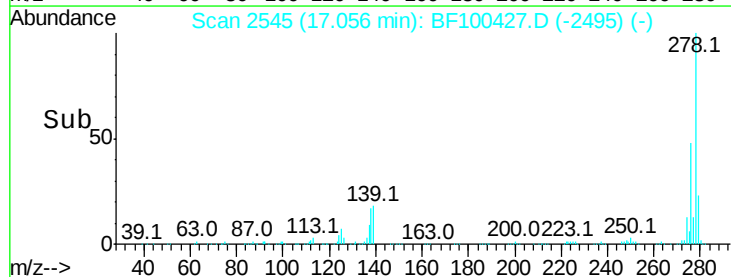
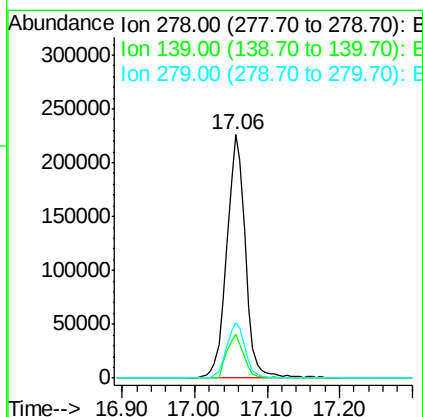
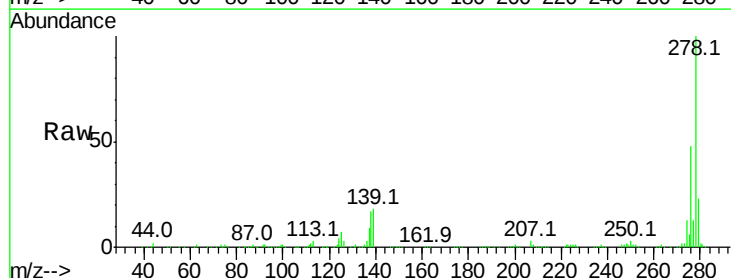
Instrument :
BNA_F
ClientSampled :

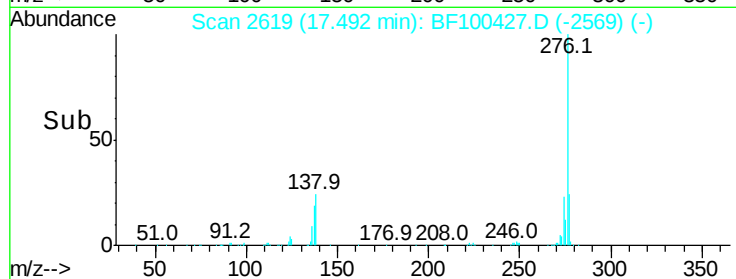
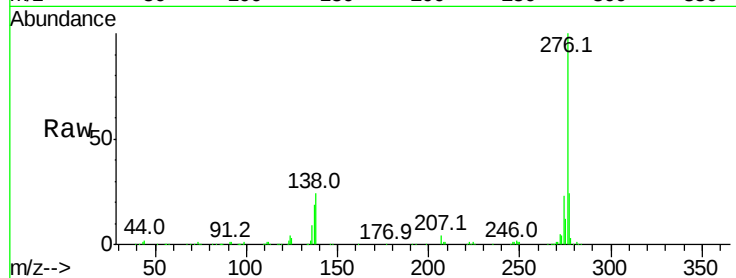
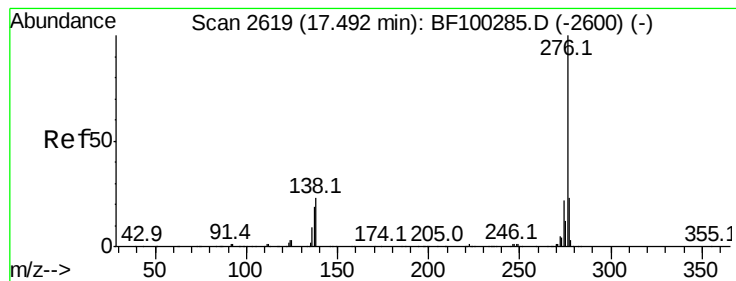
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	11.9	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.861 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BF100427.D
Acq: 11 Nov 2017 7:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	22.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 40.888 ng

RT: 17.49 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF100427.D

Acq: 11 Nov 2017 7:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 378420

Ion Ratio Lower Upper

276 100

277 24.0 17.9 26.9

138 24.2 21.8 32.8

