

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100473.D
 Acq On : 12 Nov 2017 7:02
 Operator : SJ/JU
 Sample : PB104195BSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BSD

Quant Time: Nov 13 04:47:00 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	130289	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	502236	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	209020	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	331044	20.00	ng	0.00
75) Chrysene-d12	14.07	240	257085	20.00	ng	0.00
86) Perylene-d12	15.54	264	194347	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	482218	59.33	ng	0.00
7) Phenol-d6	6.52	99	588439	58.71	ng	0.00
23) Nitrobenzene-d5	7.46	82	523034	68.85	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	114793	53.90	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	956839	69.71	ng	0.00
78) Terphenyl-d14	13.01	244	642424	57.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	102539	25.887	ng	96
3) Pyridine	3.55	79	298828	27.653	ng	96
4) n-Nitrosodimethylamine	3.49	42	138177	26.336	ng	98
6) Aniline	6.56	93	54433	3.844	ng	97
8) 2-Chlorophenol	6.69	128	264283	30.736	ng	98
9) Benzaldehyde	6.45	77	129989	18.161	ng	99
10) Phenol	6.53	94	314664	29.906	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	255695	28.932	ng	95
12) 1,3-Dichlorobenzene	6.85	146	294837	29.741	ng	97
13) 1,4-Dichlorobenzene	6.92	146	294195	29.321	ng	96
14) 1,2-Dichlorobenzene	7.07	146	278933	30.067	ng	97
15) Benzyl Alcohol	7.04	79	224018	28.638	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	460202	32.557	ng	97
17) 2-Methylphenol	7.15	107	223200	30.376	ng	99
18) Hexachloroethane	7.42	117	82995	25.087	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	183604	26.415	ng	94
20) 3+4-Methylphenols	7.30	107	273784	29.444	ng	# 90
22) Acetophenone	7.31	105	349198	28.513	ng	# 97
24) Nitrobenzene	7.48	77	276412	35.352	ng	96
25) Isophorone	7.72	82	495697	31.052	ng	100
26) 2-Nitrophenol	7.80	139	113553	32.883	ng	97
27) 2,4-Dimethylphenol	7.83	122	241960	33.811	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	323175	30.949	ng	99
29) 2,4-Dichlorophenol	8.04	162	215132	31.491	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	231721	31.357	ng	98
31) Naphthalene	8.21	128	734900	30.380	ng	100
32) Benzoic acid	7.91	122	103402	24.556	ng	98
33) 4-Chloroaniline	8.25	127	36299	3.605	ng	97
34) Hexachlorobutadiene	8.32	225	132929	30.254	ng	99
35) Caprolactam	8.62	113	60155	25.658	ng	89
36) 4-Chloro-3-methylphenol	8.73	107	217853	29.692	ng	99
37) 2-Methylnaphthalene	8.90	142	486979	30.322	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	222287	32.066	ng	97
40) Hexachlorocyclopentadiene	9.05	237	48407	14.837	ng	98

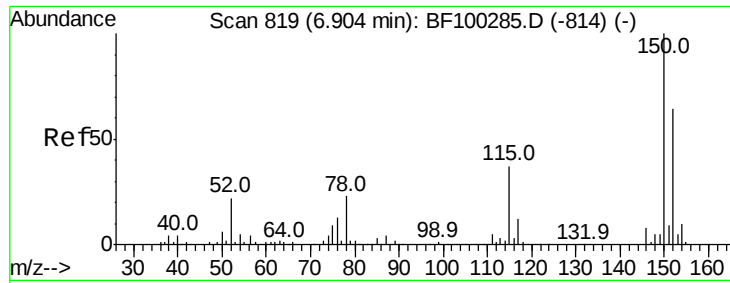
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	142117	32.347	ng	98
43) 2,4,5-Trichlorophenol	9.21	196	144894	31.831	ng	94
45) 1,1'-Biphenyl	9.36	154	565490	31.280	ng	98
46) 2-Chloronaphthalene	9.39	162	433567	33.059	ng	97
47) 2-Nitroaniline	9.48	65	138510	36.453	ng	96
48) Acenaphthylene	9.80	152	653653	30.074	ng	98
49) Dimethylphthalate	9.66	163	515505	32.302	ng	100
50) 2,6-Dinitrotoluene	9.72	165	103423	32.739	ng	87
51) Acenaphthene	9.97	154	386451	29.236	ng	100
52) 3-Nitroaniline	9.89	138	48791	13.080	ng	90
53) 2,4-Dinitrophenol	9.99	184	11856	18.854	ng	# 20
54) Dibenzofuran	10.15	168	568255	30.672	ng	99
55) 4-Nitrophenol	10.04	139	146088	48.231	ng	95
56) 2,4-Dinitrotoluene	10.12	165	125271	31.434	ng	# 94
57) Fluorene	10.49	166	408276	30.082	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	106002	28.414	ng	# 87
59) Diethylphthalate	10.36	149	494265	30.949	ng	96
60) 4-Chlorophenyl-phenylether	10.48	204	212335	31.892	ng	91
61) 4-Nitroaniline	10.50	138	99014	27.993	ng	92
62) Azobenzene	10.64	77	433352	28.810	ng	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	11221	14.085	ng	78
65) n-Nitrosodiphenylamine	10.60	169	394266	34.252	ng	96
66) 4-Bromophenyl-phenylether	10.97	248	125626	35.400	ng	# 88
67) Hexachlorobenzene	11.03	284	122148	32.910	ng	92
68) Atrazine	11.12	200	120506	34.585	ng	94
69) Pentachlorophenol	11.23	266	117997	44.336	ng	99
70) Phenanthrene	11.45	178	545954	31.323	ng	99
71) Anthracene	11.50	178	551473	31.186	ng	99
72) Carbazole	11.66	167	491181	30.103	ng	99
73) Di-n-butylphthalate	11.98	149	671745	35.180	ng	99
74) Fluoranthene	12.64	202	533828	28.899	ng	96
76) Benzidine	12.76	184	225483	21.901	ng	98
77) Pyrene	12.87	202	548198	29.914	ng	99
79) Butylbenzylphthalate	13.48	149	239297	32.019	ng	96
80) Benzo(a)anthracene	14.06	228	485669	31.371	ng	98
81) 3,3'-Dichlorobenzidine	14.02	252	78318	14.119	ng	# 96
82) Chrysene	14.09	228	456310	30.437	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	336103	34.193	ng	100
84) Di-n-octyl phthalate	14.65	149	582259	34.481	ng	100
85) Indeno(1,2,3-cd)pyrene	17.04	276	309235	25.502	ng	96
87) Benzo(b)fluoranthene	15.11	252	387670	33.669	ng	99
88) Benzo(k)fluoranthene	15.14	252	346376	31.839	ng	98
89) Benzo(a)pyrene	15.49	252	326714	32.007	ng	99
90) Dibenzo(a,h)anthracene	17.06	278	257385	30.832	ng	96
91) Benzo(g,h,i)perylene	17.50	276	252886	30.947	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

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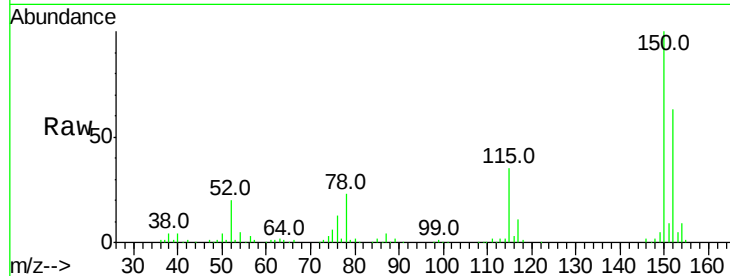
Tot Ion:152 Resp: 130289

Ion Ratio Lower Upper

152 100

150 158.8 124.6 186.8

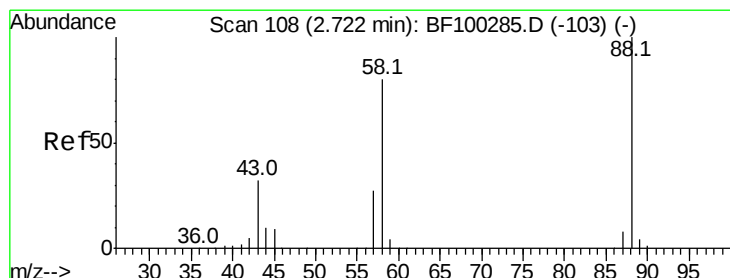
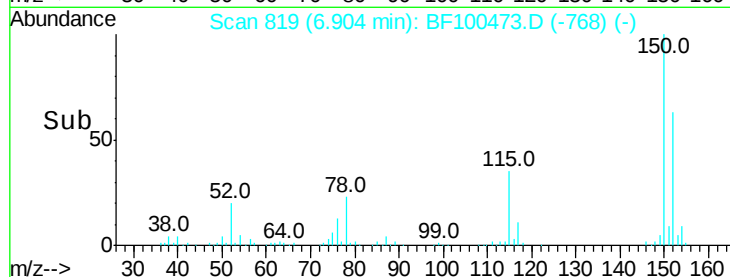
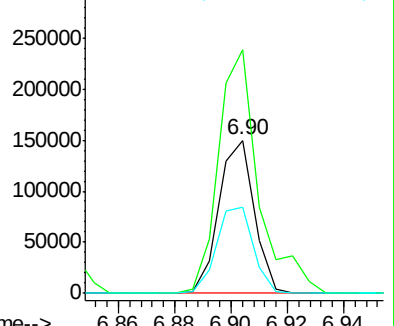
115 56.3 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.887 ng

RT: 2.78 min Scan# 118

Delta R.T. 0.08 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

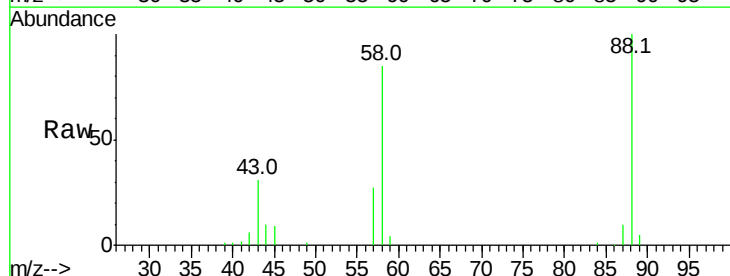
Tgt Ion: 88 Resp: 102539

Ion Ratio Lower Upper

88 100

58 82.7 62.6 93.8

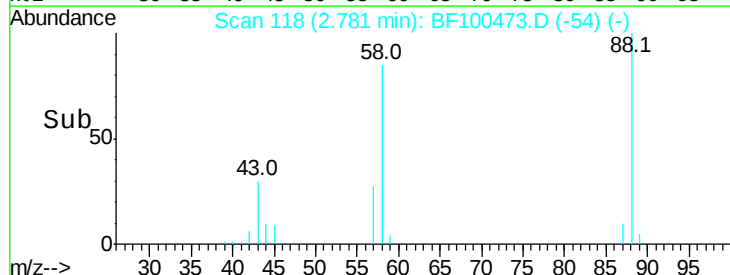
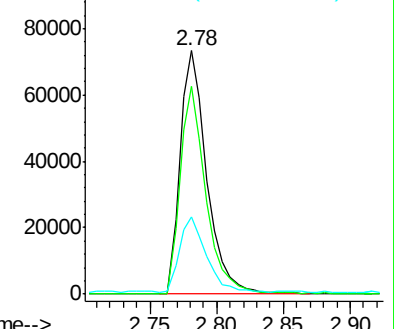
43 30.4 24.6 37.0

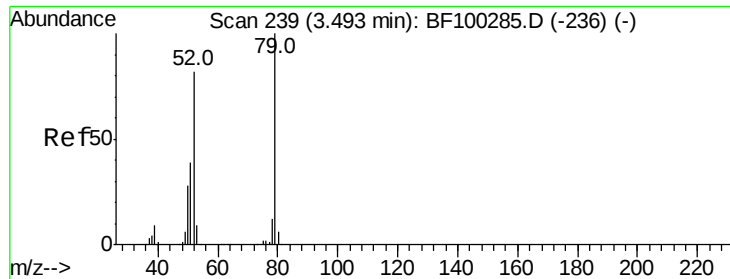


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

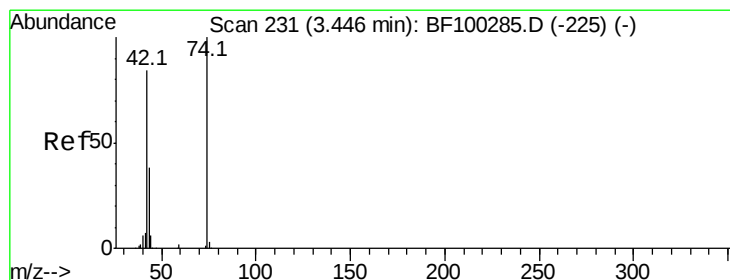
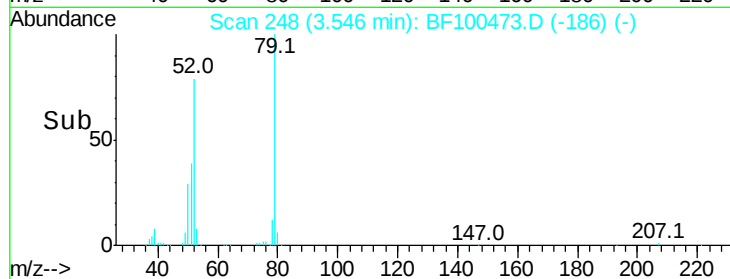
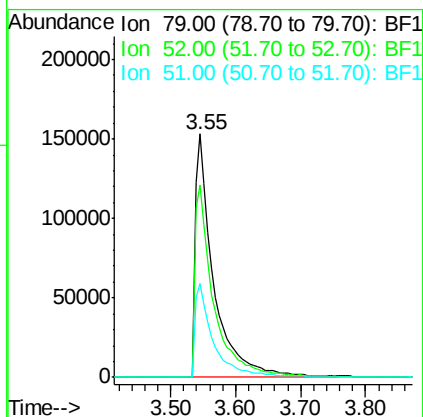
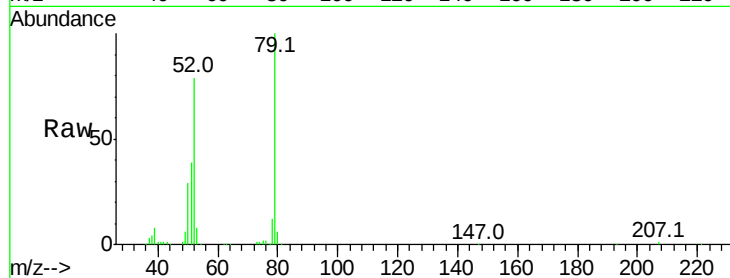




#3
 Pvridine
 Concen: 27.653 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.06 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

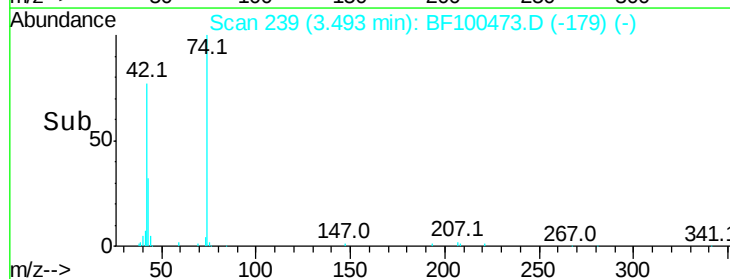
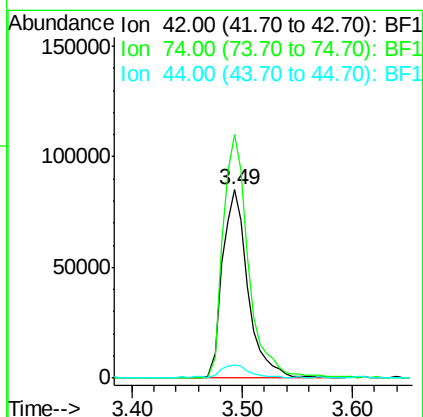
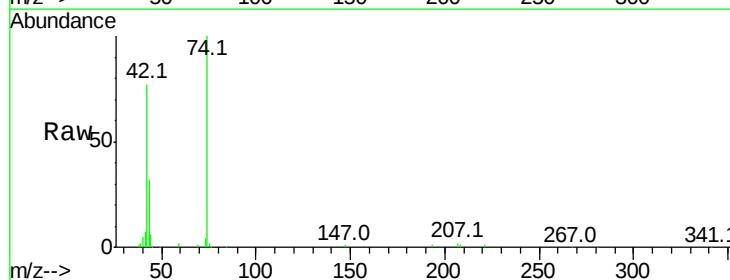
Instrument :
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 PB104195BSD

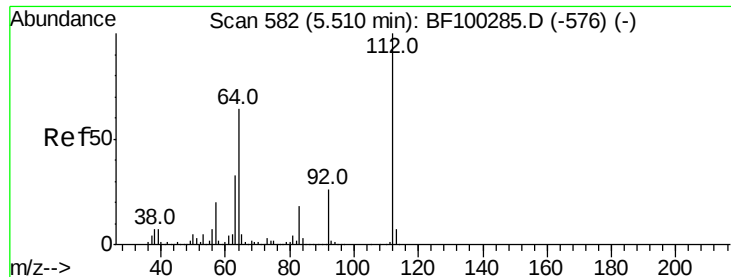
Tot Ion: 79 Resp: 298828
 Ion Ratio Lower Upper
 79 100
 52 79.0 59.8 89.6
 51 38.8 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 26.336 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.05 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Tgt Ion: 42 Resp: 138177
 Ion Ratio Lower Upper
 42 100
 74 129.3 104.9 157.3
 44 7.4 6.9 10.3





#5

2-Fluorophenol

Concen: 59.329 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

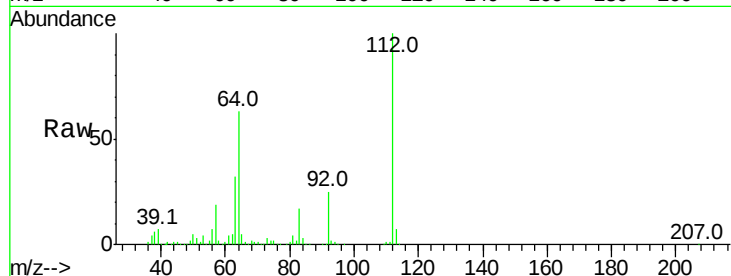
Tot Ion:112 Resp: 482218

Ion Ratio Lower Upper

112 100

64 62.9 47.9 71.9

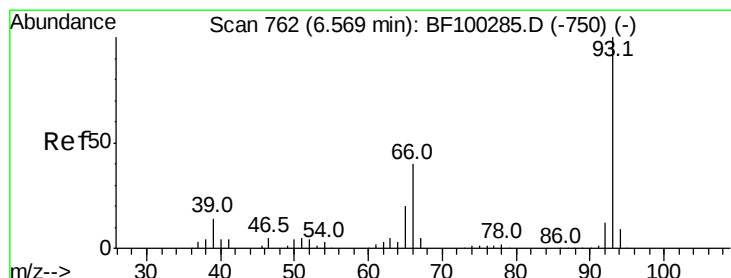
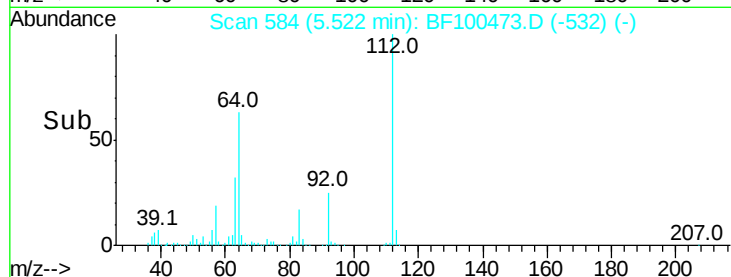
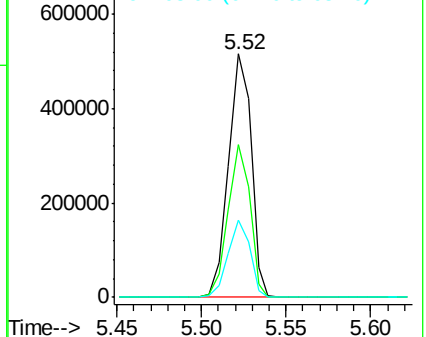
63 31.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 3.844 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

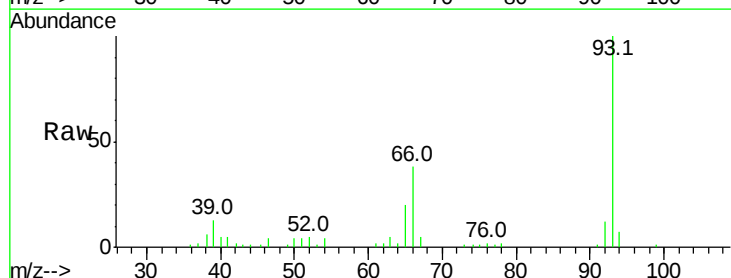
Tgt Ion: 93 Resp: 54433

Ion Ratio Lower Upper

93 100

66 38.0 32.2 48.2

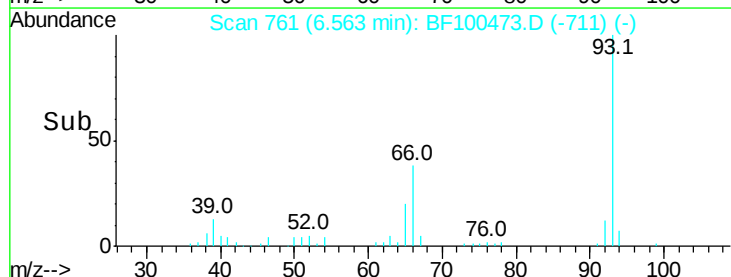
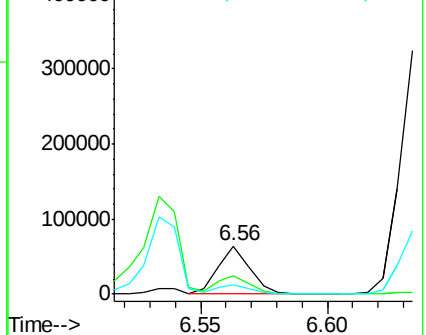
65 19.7 16.4 24.6

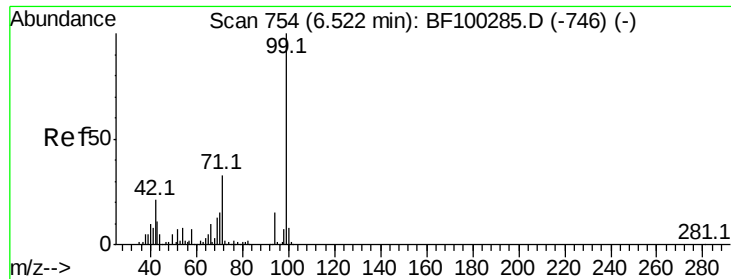


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 58.710 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

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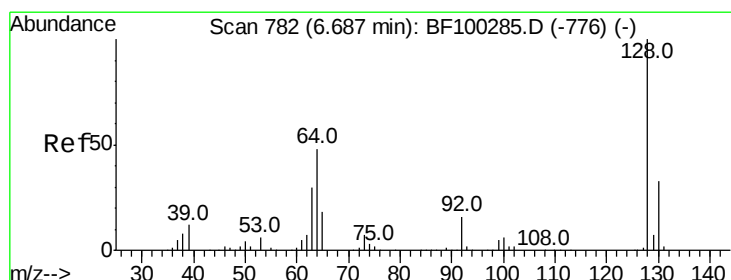
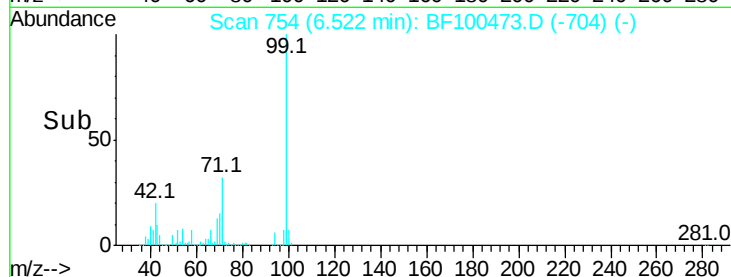
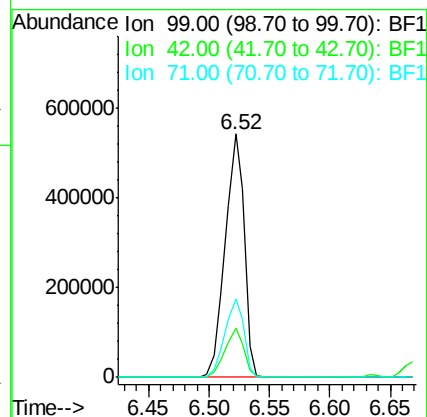
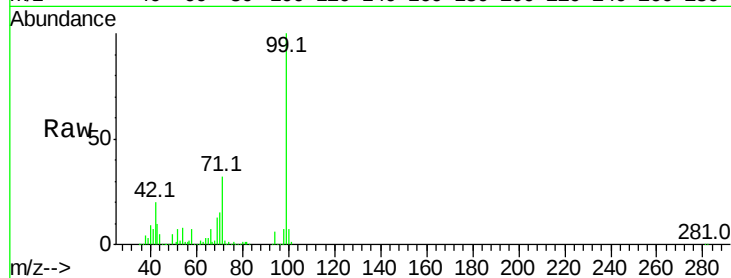
Tot Ion: 99 Resp: 588439

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 32.1 25.4 38.0



#8

2-Chlorophenol

Concen: 30.736 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

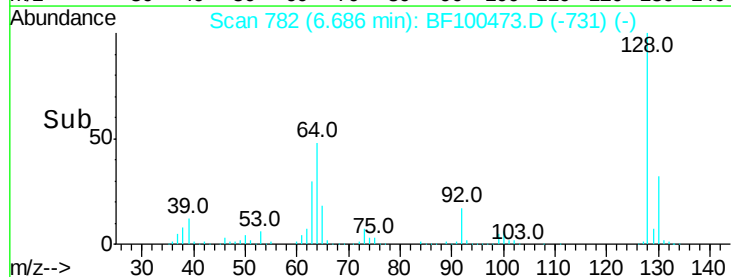
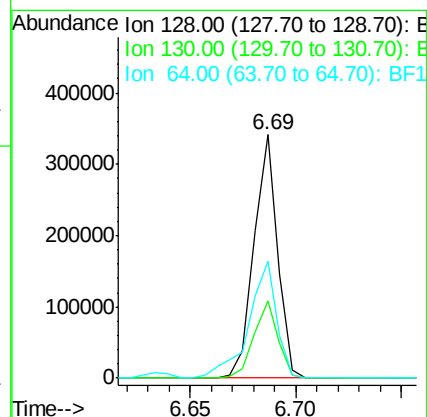
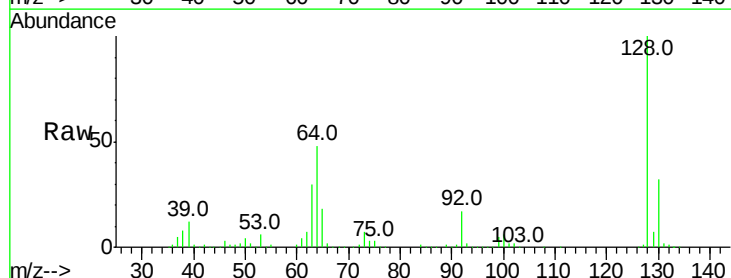
Tgt Ion: 128 Resp: 264283

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

64 48.3 29.4 69.4

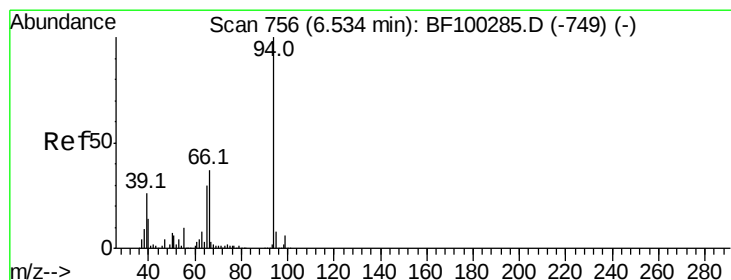
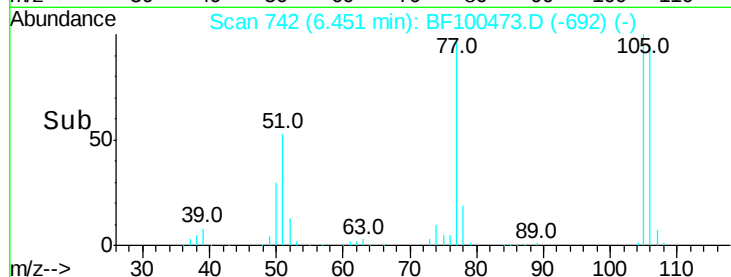
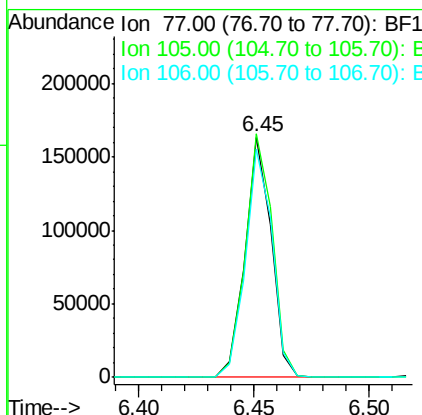
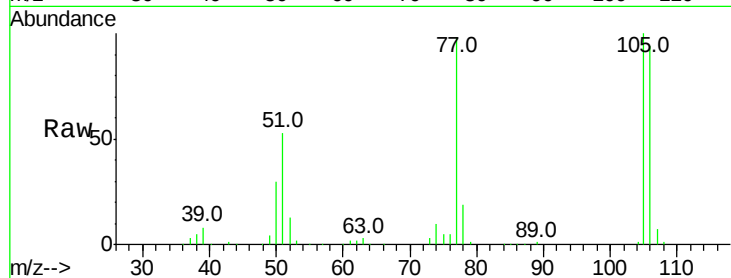




#9
Benzaldehyde
Concen: 18.161 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

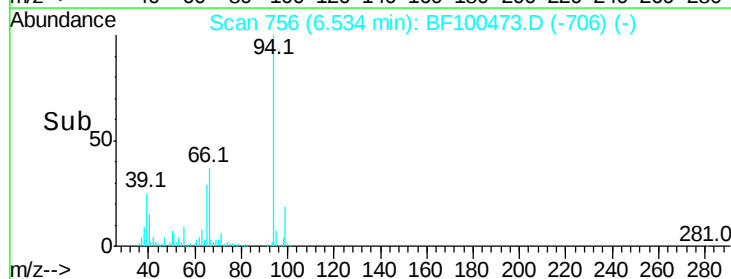
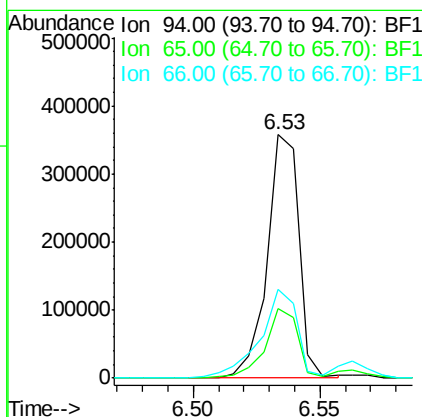
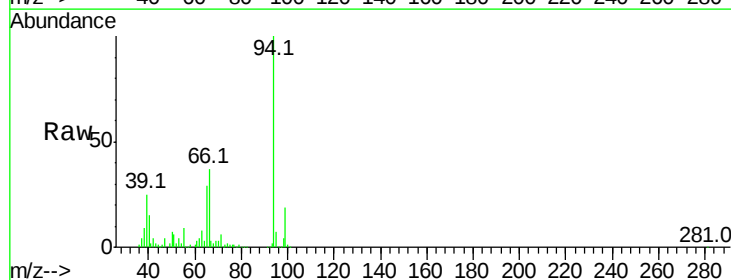
Instrument :
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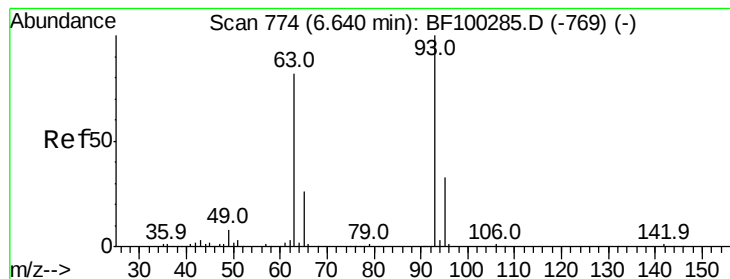
Tot Ion: 77 Resp: 129989
Ion Ratio Lower Upper
77 100
105 101.5 81.1 121.1
106 95.1 74.5 114.5



#10
Phenol
Concen: 29.906 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Tgt Ion: 94 Resp: 314664
Ion Ratio Lower Upper
94 100
65 28.8 7.9 47.9
66 36.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 28.932 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

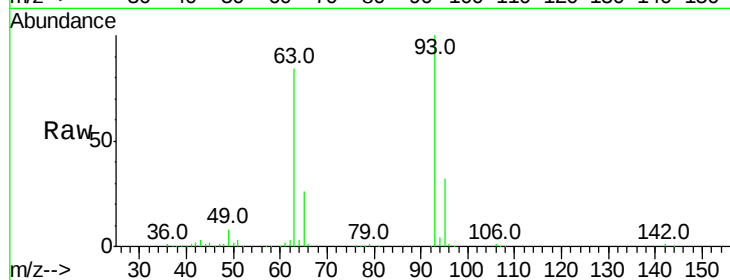
Tot Ion: 93 Resp: 255695

Ion Ratio Lower Upper

93 100

63 84.1 58.6 98.6

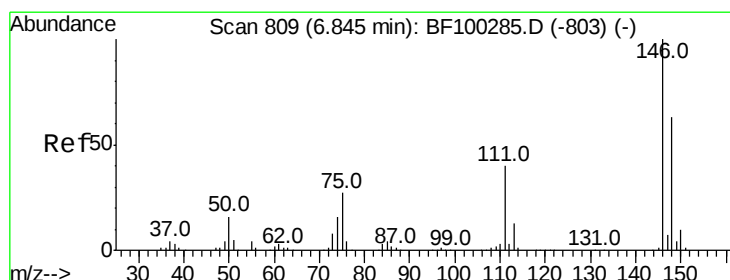
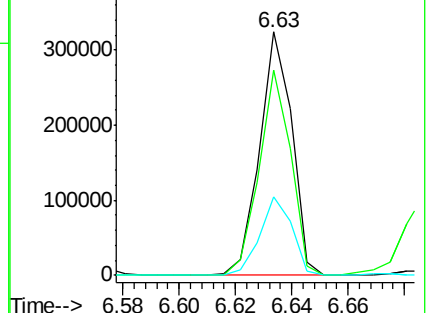
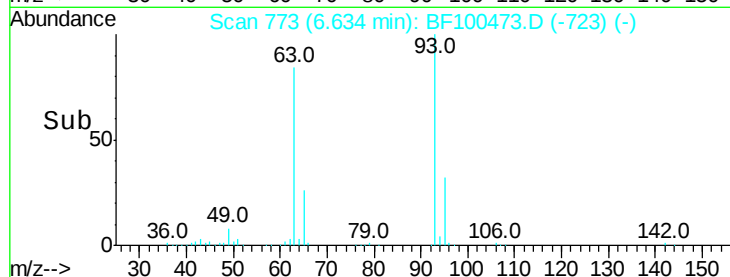
95 32.0 11.8 51.8



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: 29.741 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

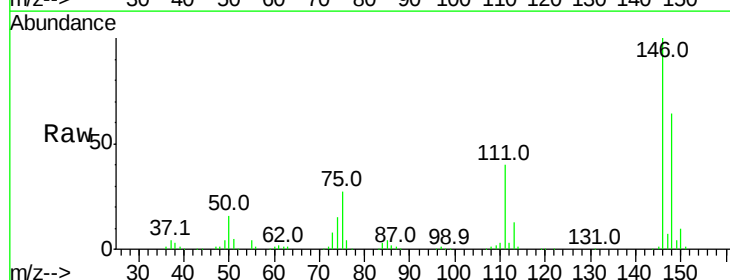
Tgt Ion: 146 Resp: 294837

Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.8

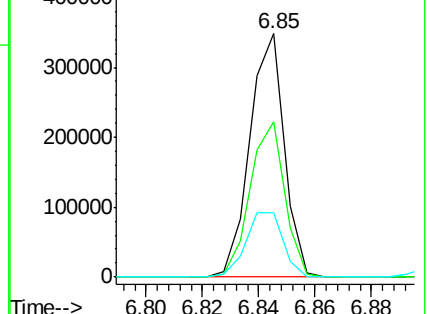
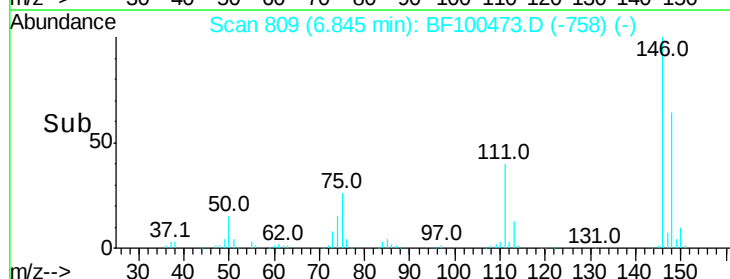
75 26.5 24.2 36.4

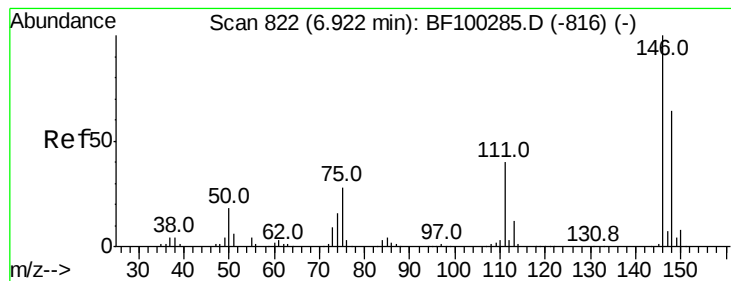


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 29.321 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

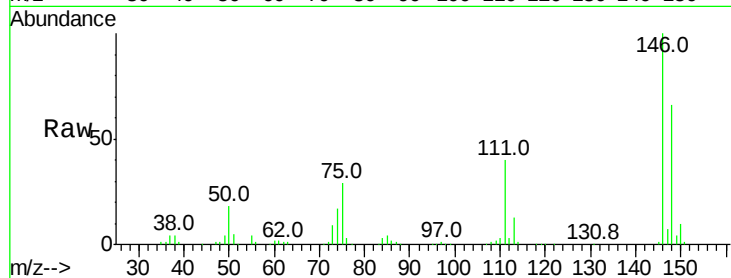
Tot Ion:146 Resp: 294195

Ion Ratio Lower Upper

146 100

148 65.7 50.8 76.2

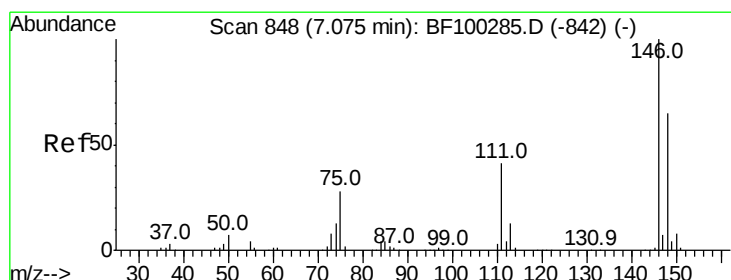
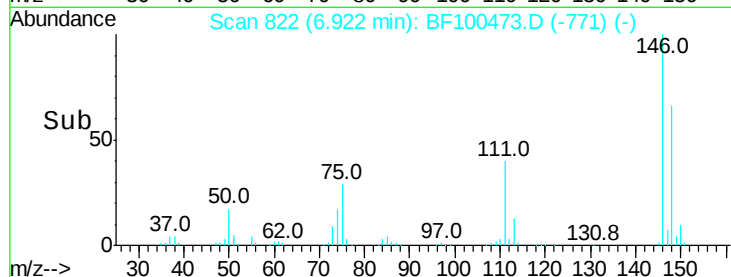
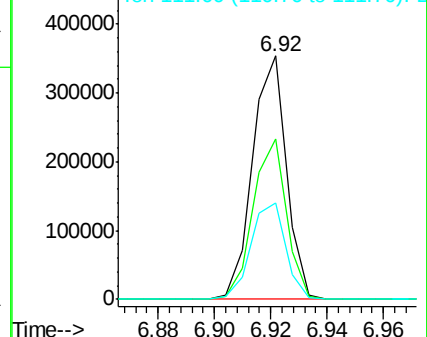
111 39.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.067 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

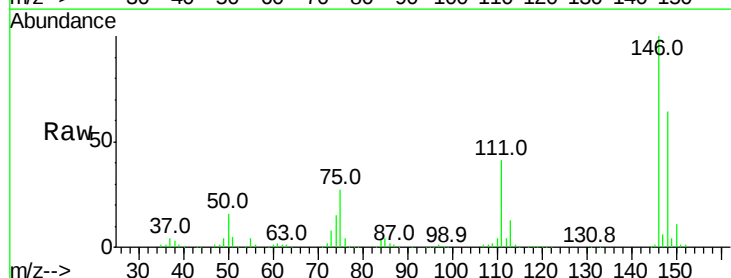
Tgt Ion:146 Resp: 278933

Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

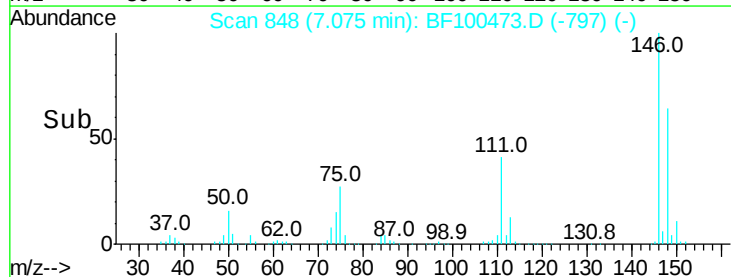
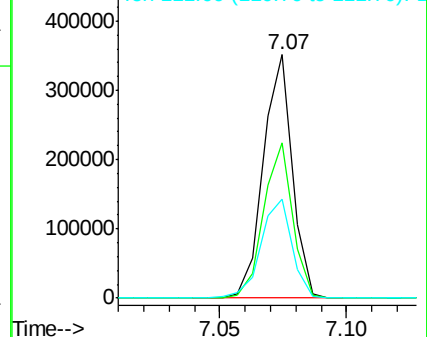
111 40.8 36.0 54.0



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: 28.638 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

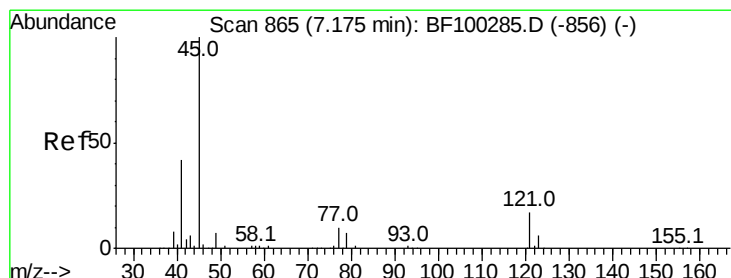
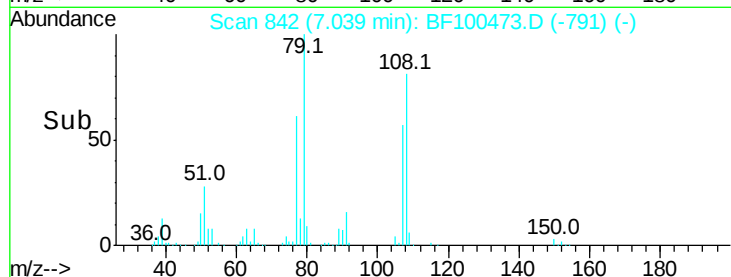
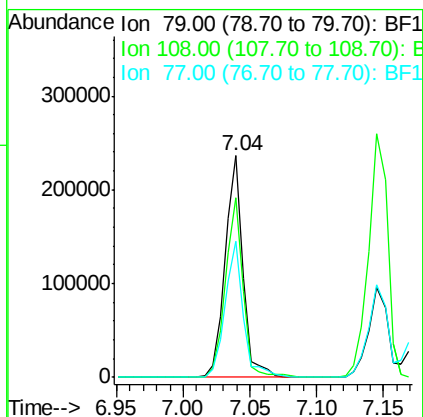
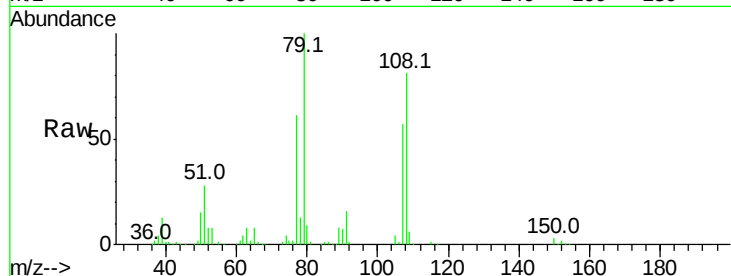
Tot Ion: 79 Resp: 224018

Ion Ratio Lower Upper

79 100

108 81.0 65.1 97.7

77 61.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.557 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

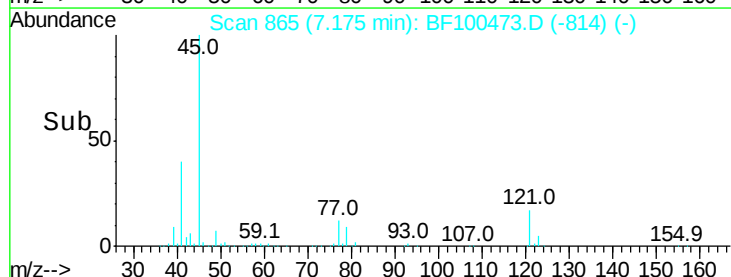
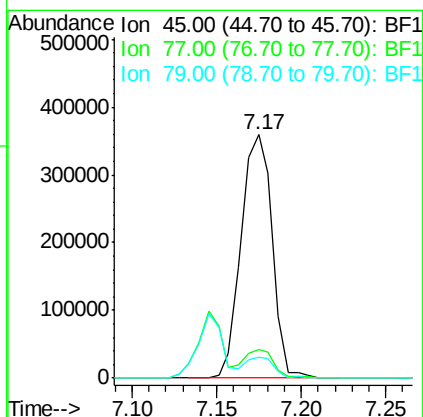
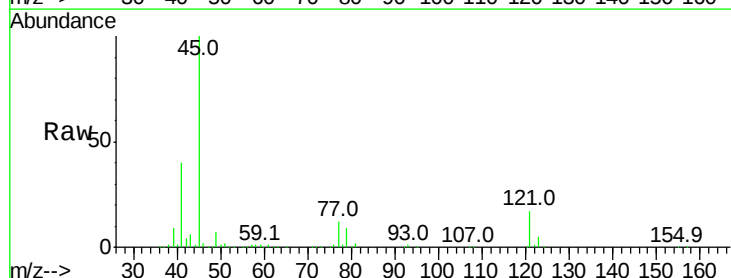
Tgt Ion: 45 Resp: 460202

Ion Ratio Lower Upper

45 100

77 11.7 0.0 32.9

79 8.8 0.0 29.6

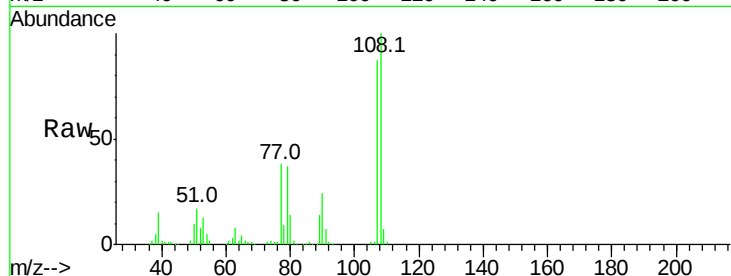




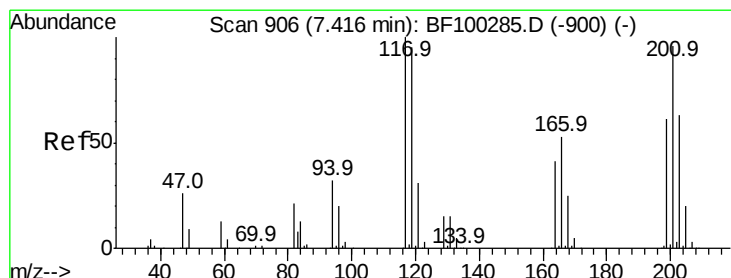
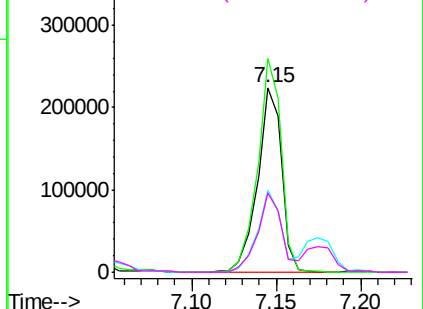
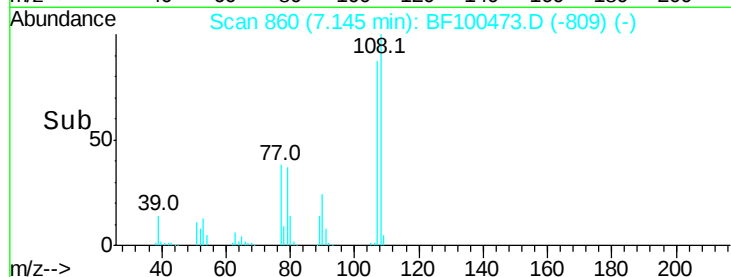
#17
2-Methylphenol
Concen: 30.376 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Instrument :
BNA_F
ClientSampleId :
PB104195BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.7	137.5
77	44.0	33.8	50.8
79	42.6	33.8	50.8

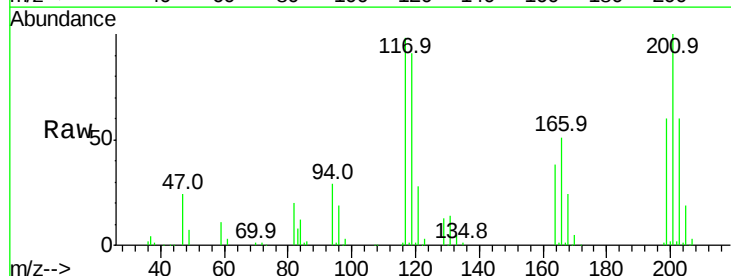


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

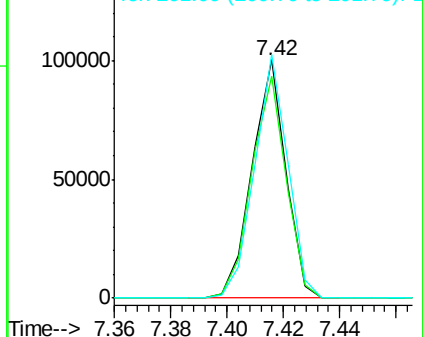
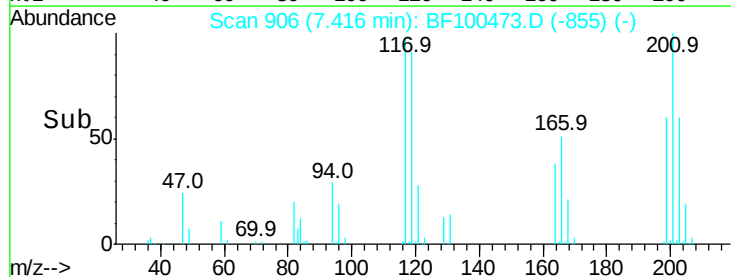


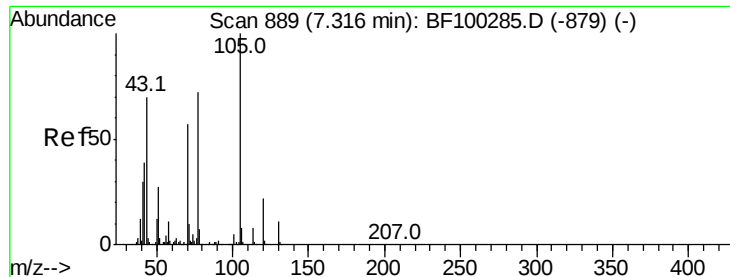
#18
Hexachloroethane
Concen: 25.087 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.8	113.8
201	102.3	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

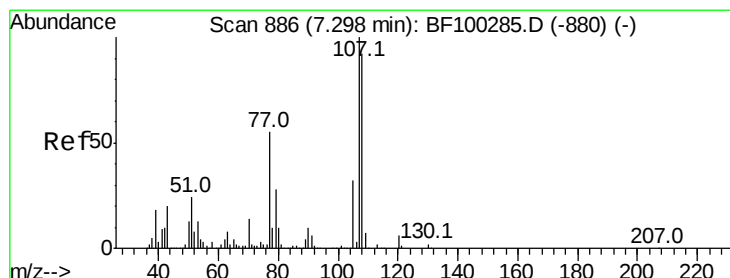
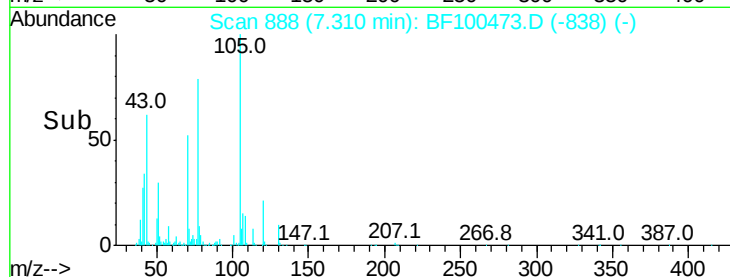
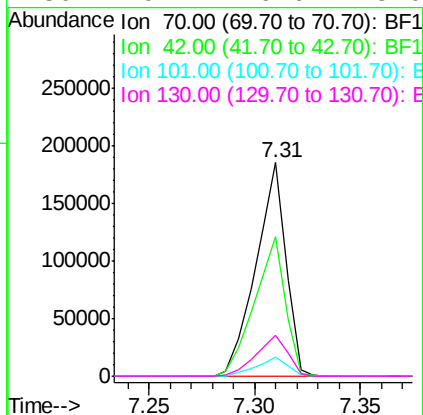
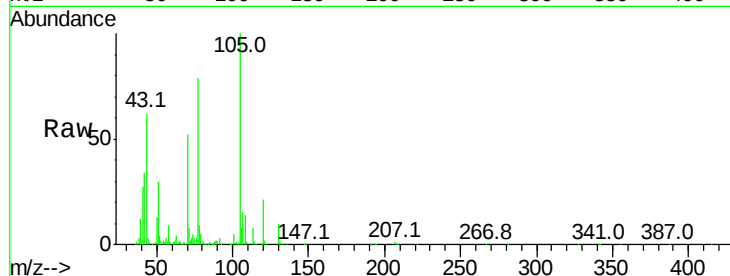




#19
n-Nitroso-di-n-propylamine
Concen: 26.415 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

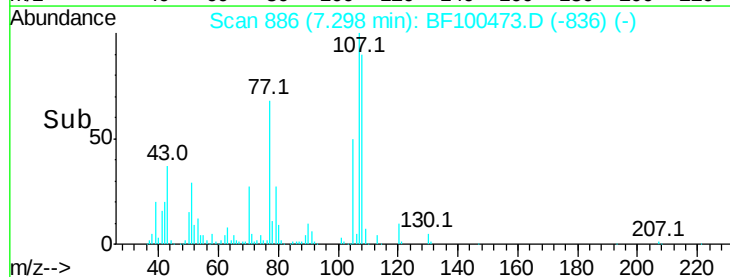
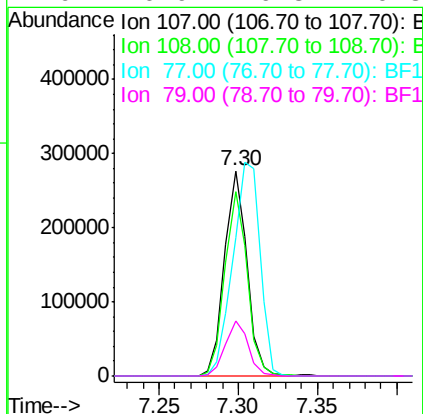
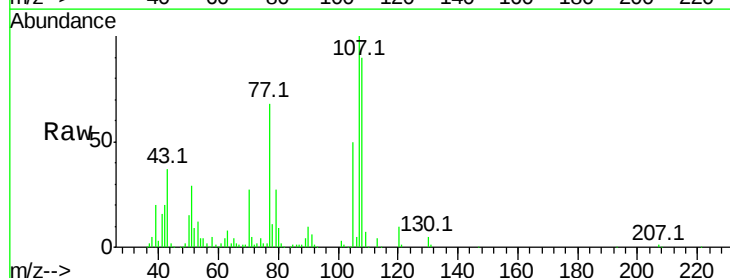
Instrument :
BNA_F
ClientSampleId :
PB104195BSD

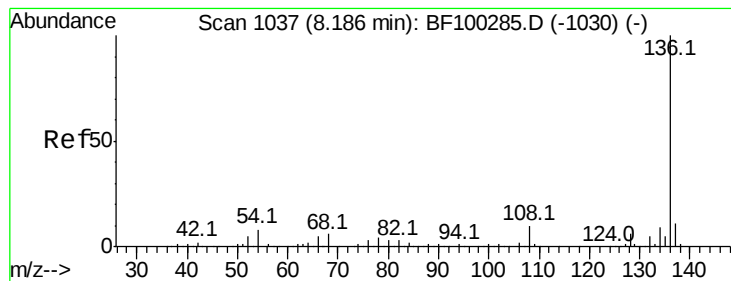
Tot Ion:	70	Resp:	183604
Ion	Ratio	Lower	Upper
70	100		
42	65.1	47.5	71.3
101	9.1	7.4	11.2
130	19.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 29.444 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Tgt Ion:	107	Resp:	273784
Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	67.6	26.7	66.7#
79	26.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

Tot Ion:136 Resp: 502236

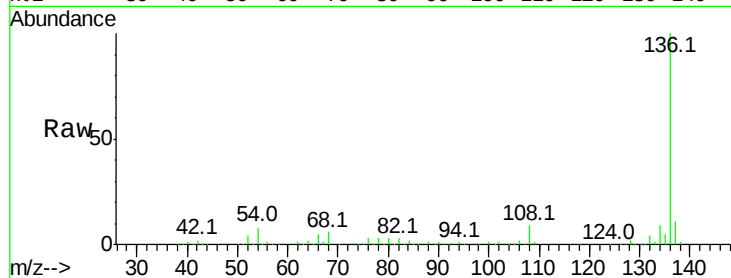
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.1 6.6 9.8

68 6.2 5.0 7.4

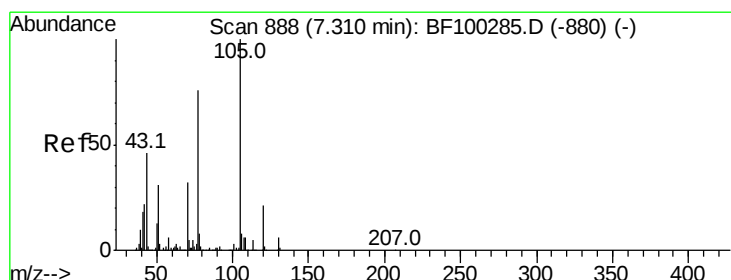
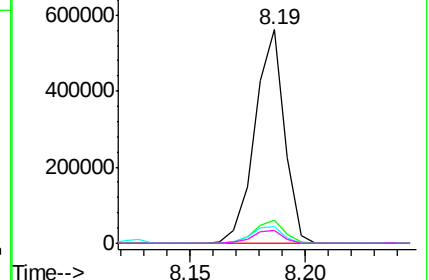
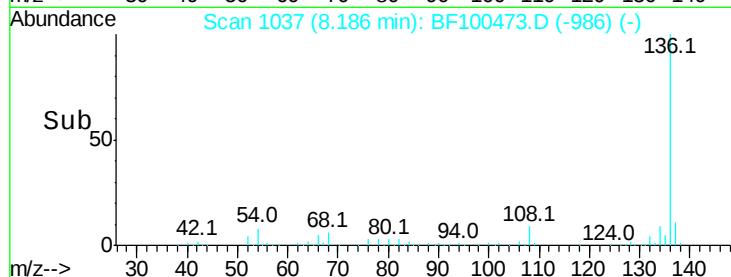


Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.513 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Tgt Ion:105 Resp: 349198

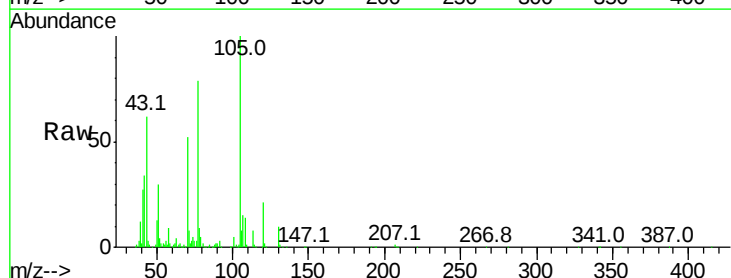
Ion Ratio Lower Upper

105 100

71 8.3 4.4 6.6#

51 29.8 22.3 33.5

120 21.2 16.9 25.3

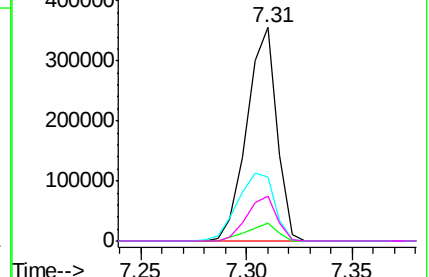
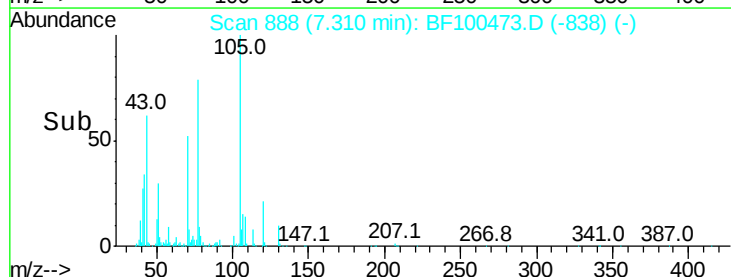


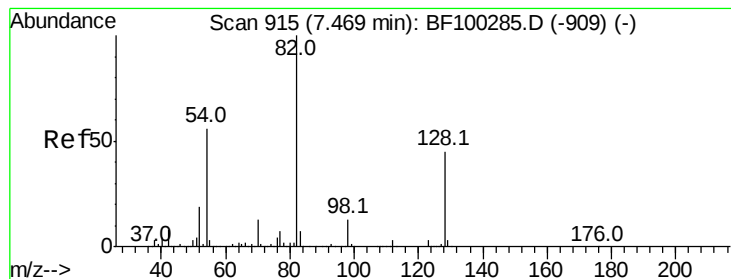
Abundance Ion 105.00 (104.70 to 105.70): E

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: 68.851 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

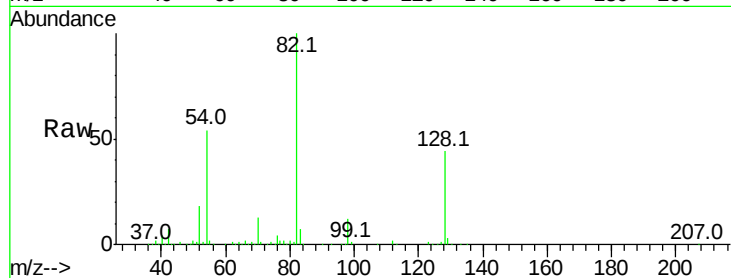
Tot Ion: 82 Resp: 523034

Ion Ratio Lower Upper

82 100

128 44.5 36.1 54.1

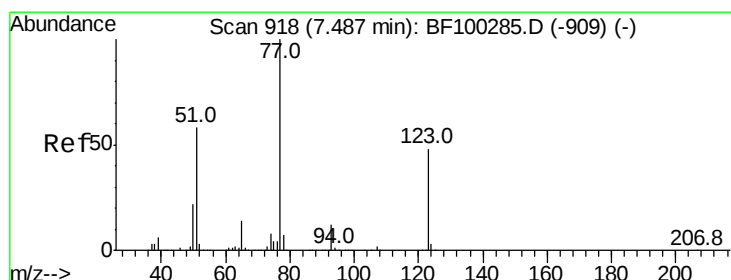
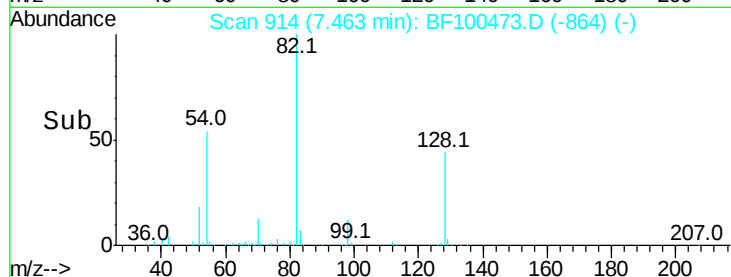
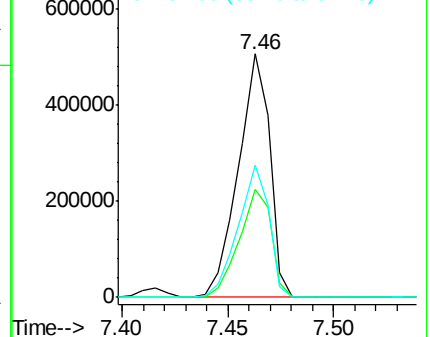
54 54.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 35.352 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

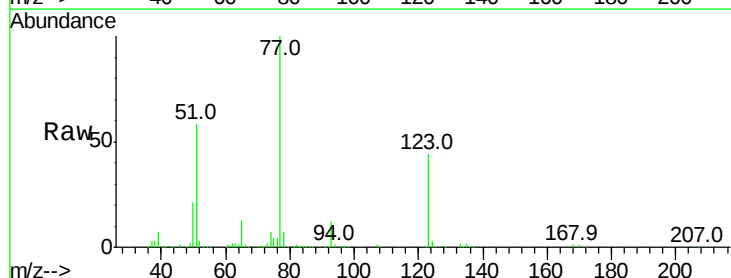
Tgt Ion: 77 Resp: 276412

Ion Ratio Lower Upper

77 100

123 44.4 37.9 56.9

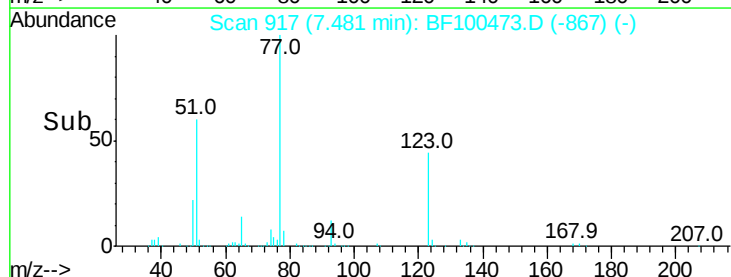
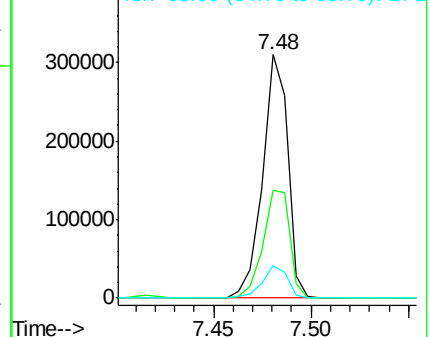
65 13.2 11.0 16.4

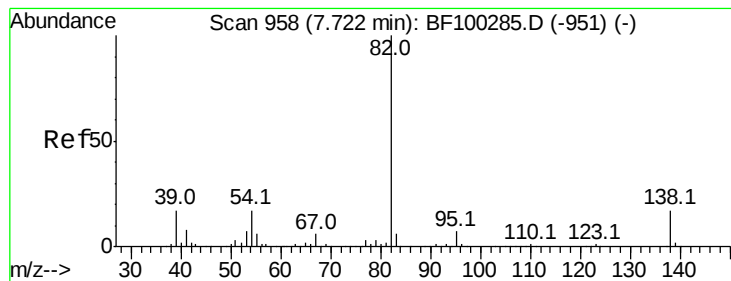


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 31.052 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

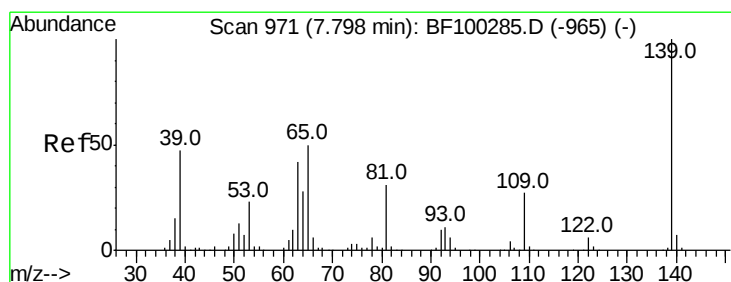
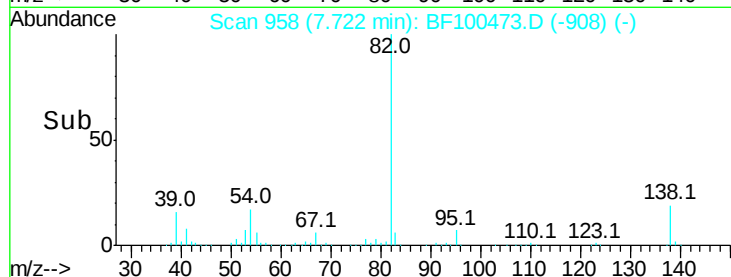
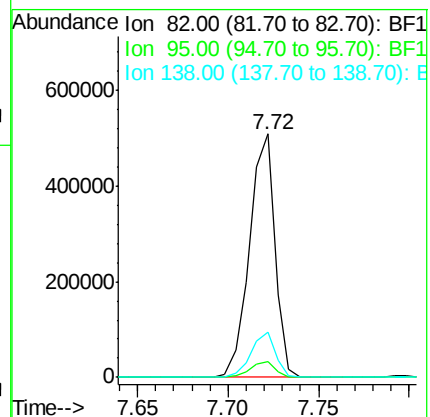
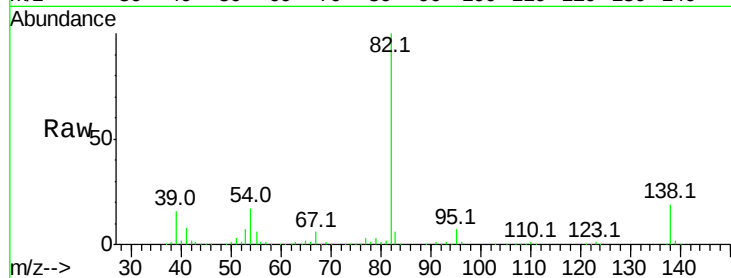
Tot Ion: 82 Resp: 495697

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 32.883 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

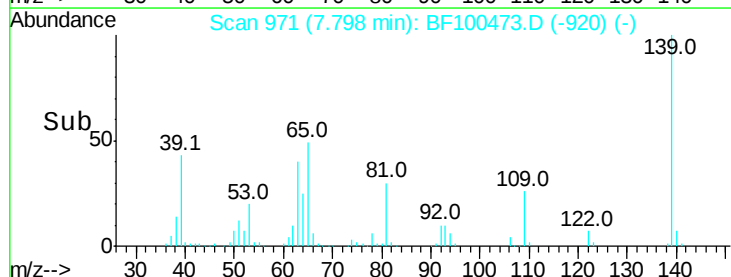
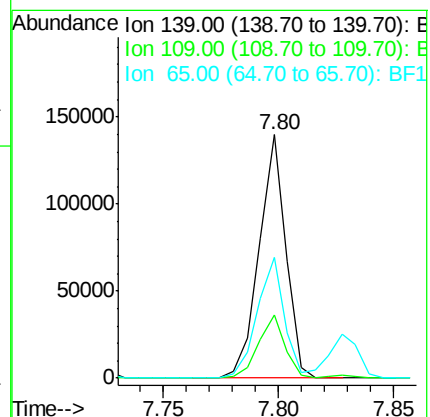
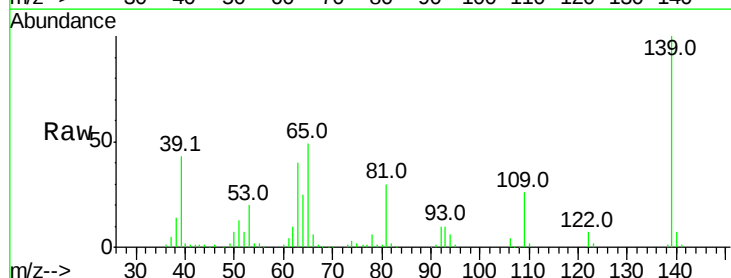
Tgt Ion: 139 Resp: 113553

Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 49.4 40.5 60.7

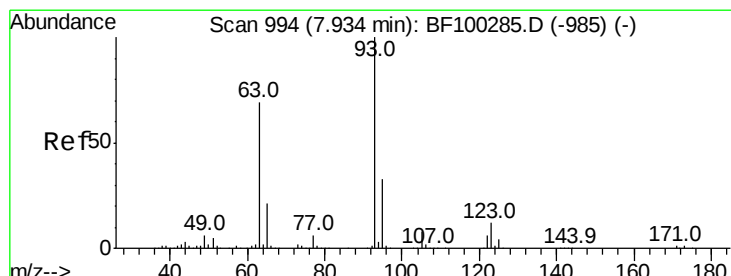
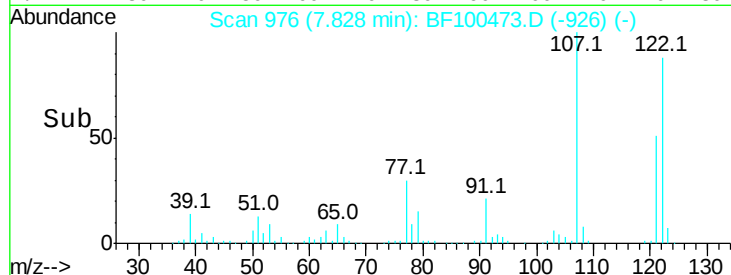
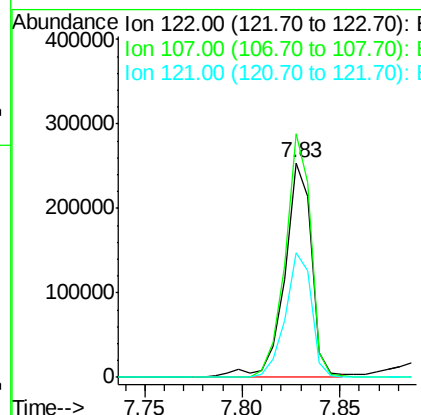
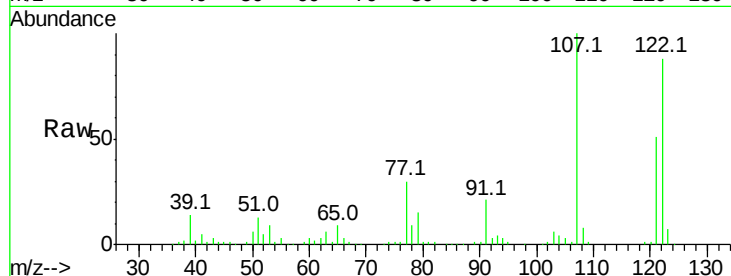




#27
 2,4-Dimethylphenol
 Concen: 33.811 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

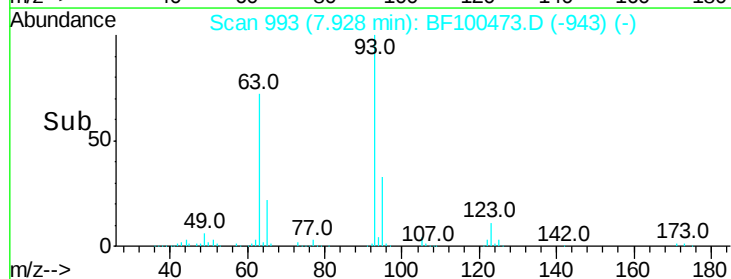
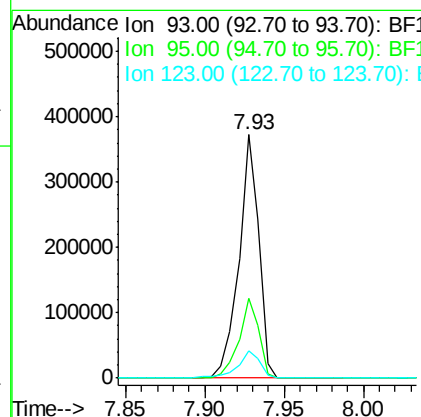
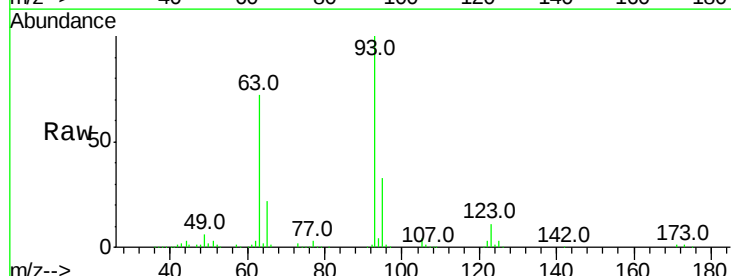
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BSD

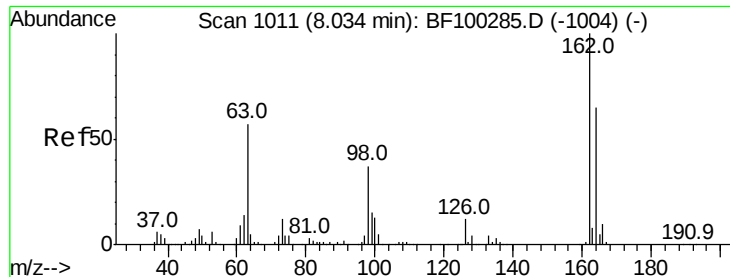
Tot Ion:	122	Resp:	241960
Ion	Ratio	Lower	Upper
122	100		
107	113.6	91.2	136.8
121	58.3	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 30.949 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Tgt Ion:	93	Resp:	323175
Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.0	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 31.491 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

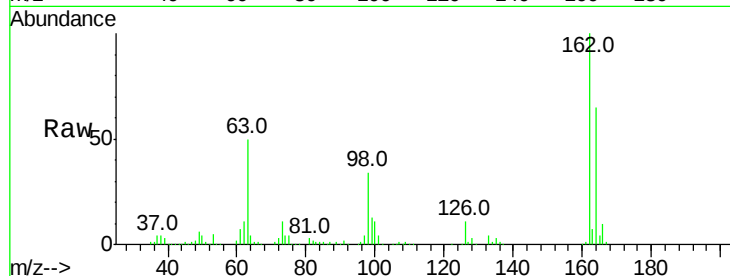
Tot Ion:162 Resp: 215132

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

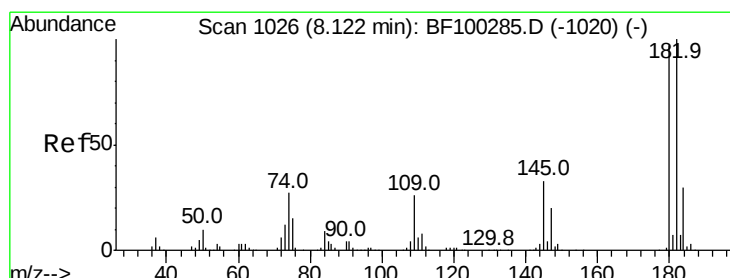
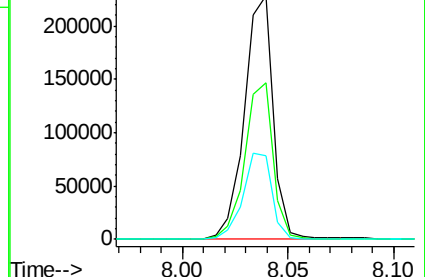
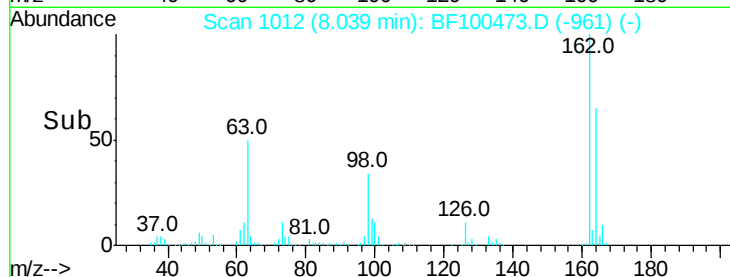
98 34.3 18.1 58.1



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: 31.357 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

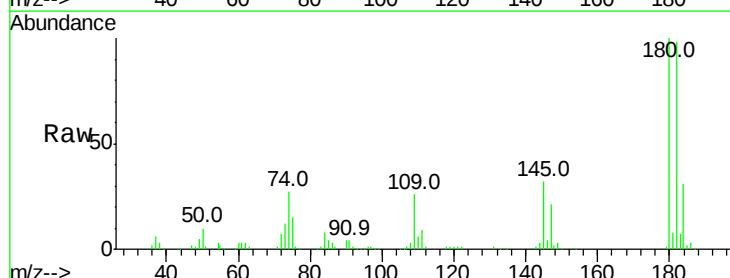
Tgt Ion:180 Resp: 231721

Ion Ratio Lower Upper

180 100

182 97.9 76.8 115.2

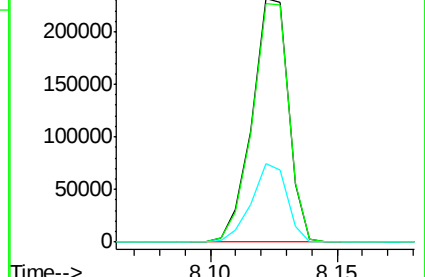
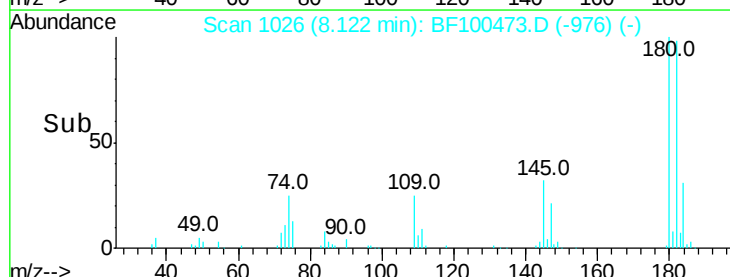
145 32.4 26.5 39.7

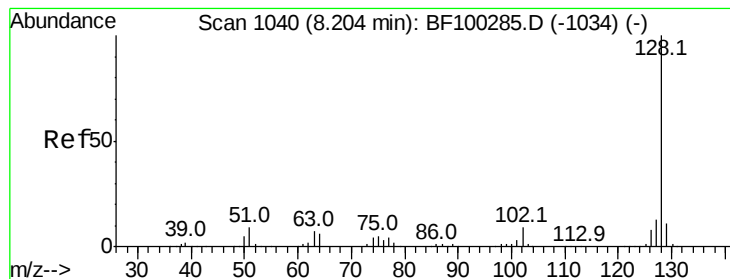


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 30.380 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

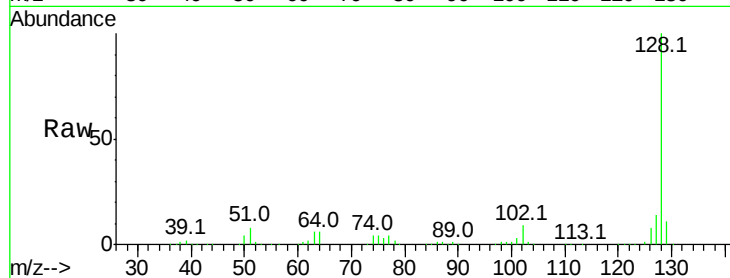
Tot Ion:128 Resp: 734900

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

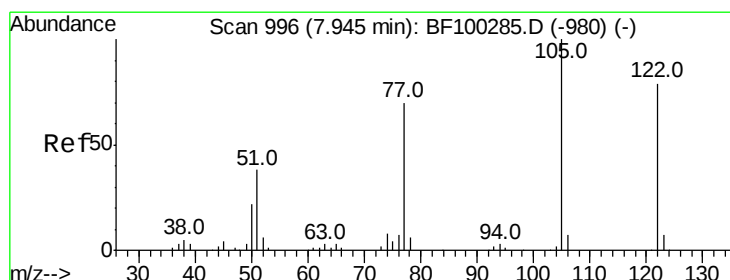
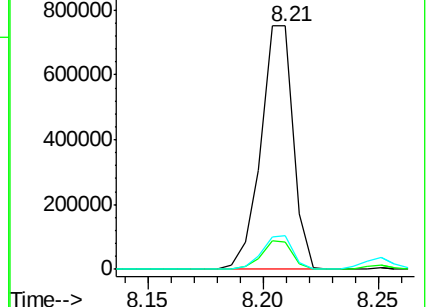
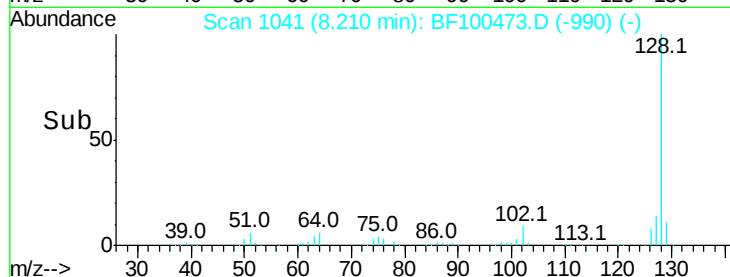
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.556 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.04 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

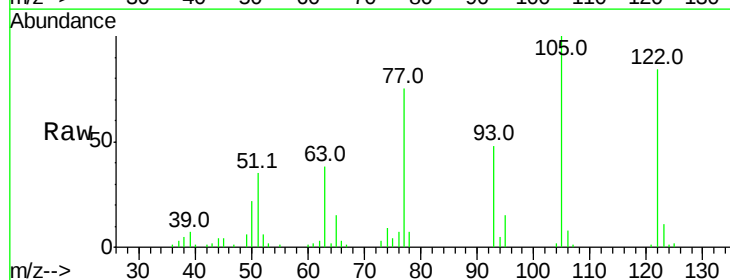
Tgt Ion:122 Resp: 103402

Ion Ratio Lower Upper

122 100

105 118.5 101.1 141.1

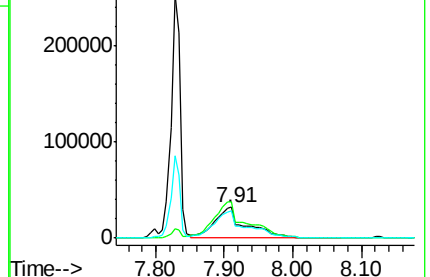
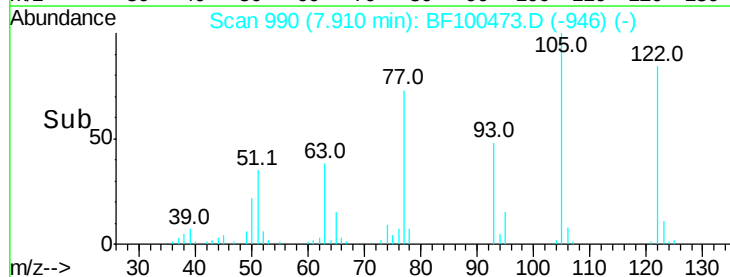
77 88.5 70.7 110.7

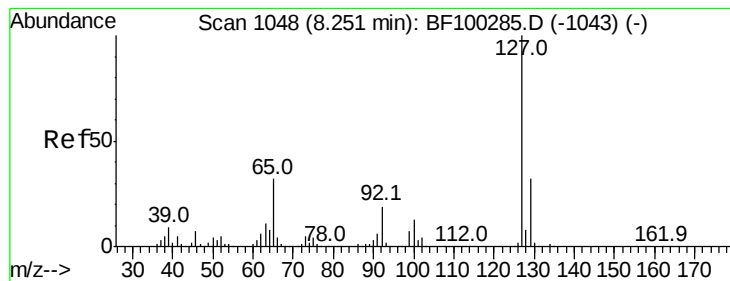


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 3.605 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

Tot Ion:127 Resp: 36299

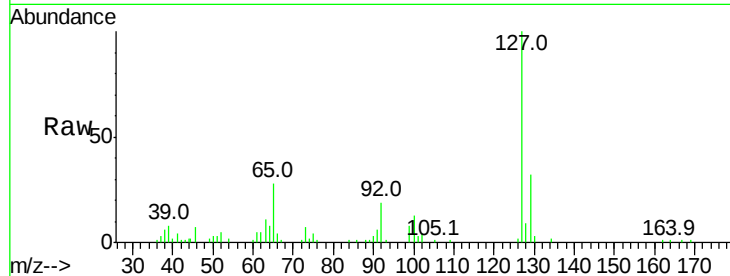
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 27.6 25.0 37.4

92 19.5 15.2 22.8

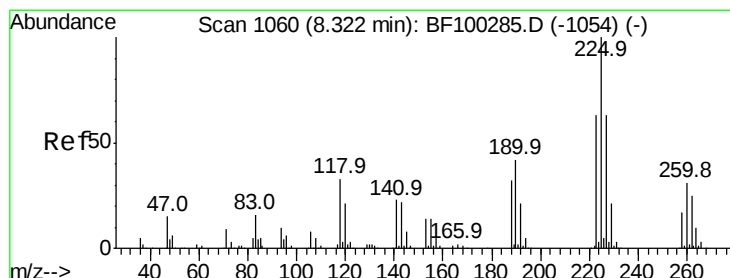
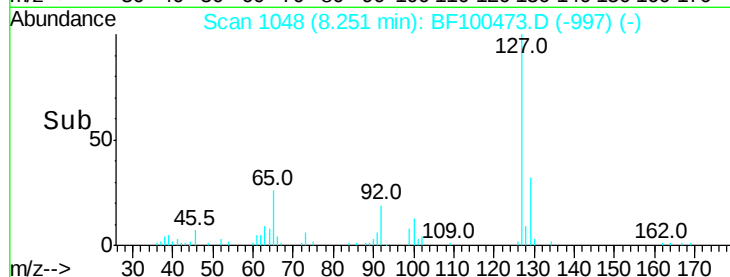
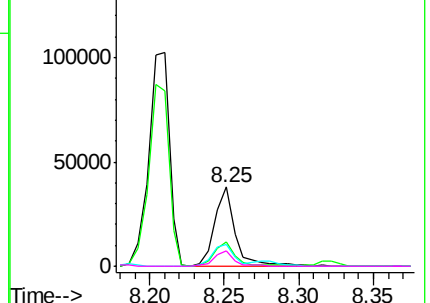


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 30.254 ng

RT: 8.32 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

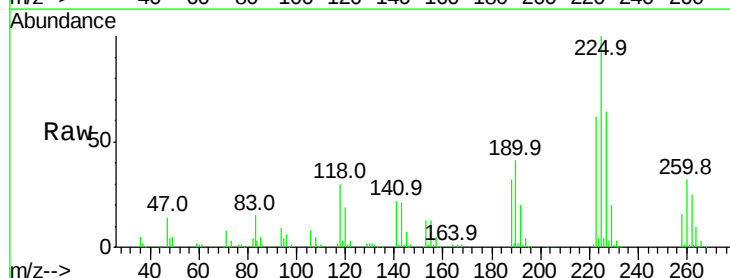
Tgt Ion:225 Resp: 132929

Ion Ratio Lower Upper

225 100

223 62.1 50.6 76.0

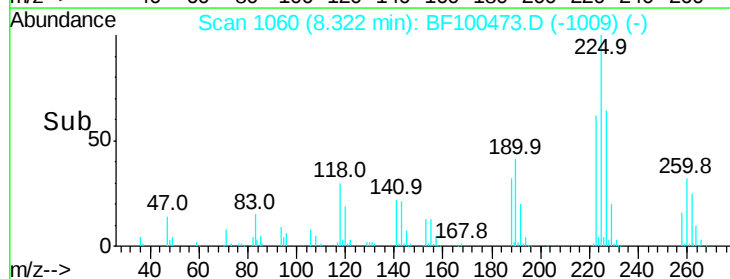
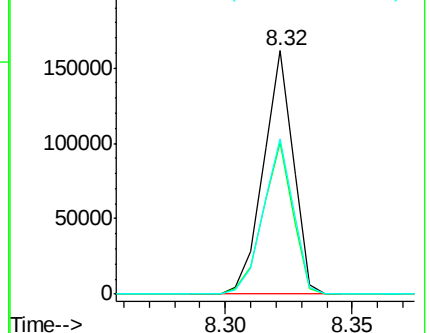
227 63.8 51.9 77.9



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

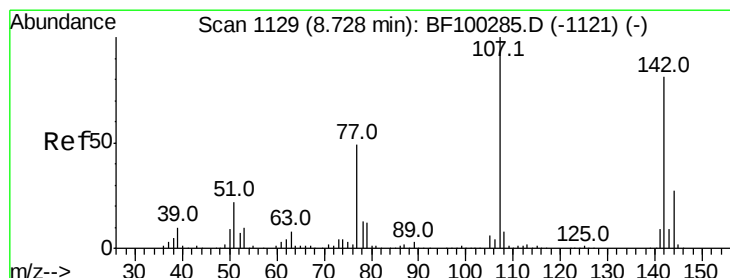
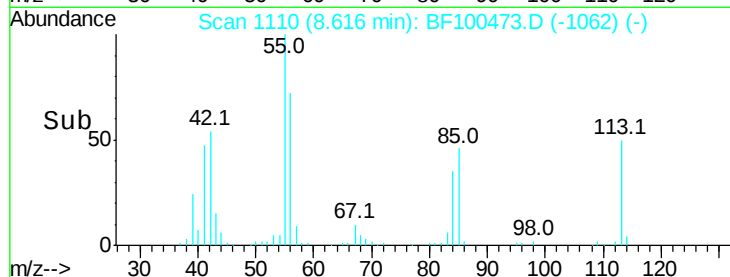
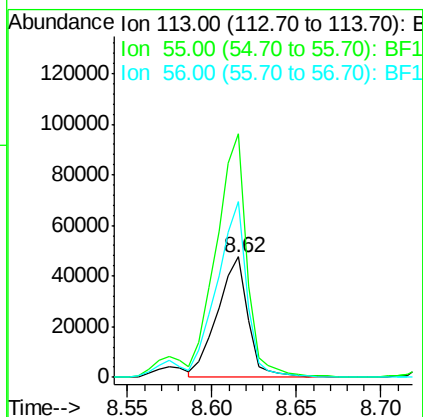
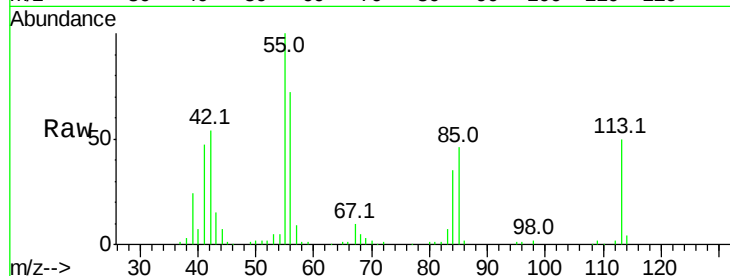




#35
 Caprolactam
 Concen: 25.658 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

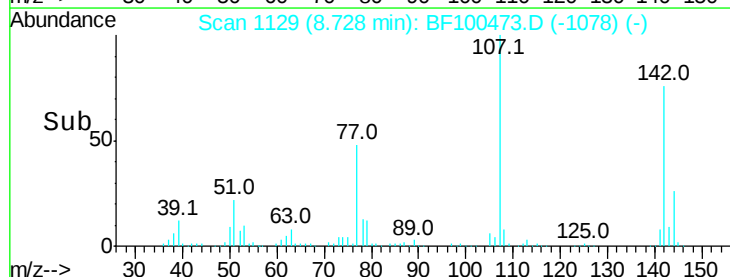
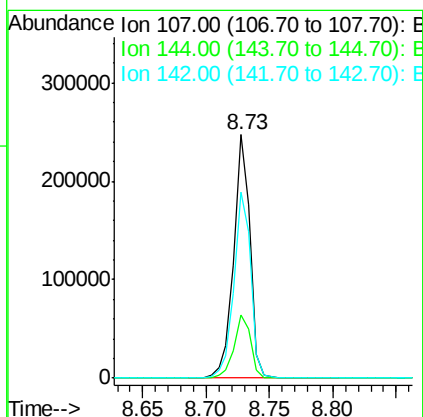
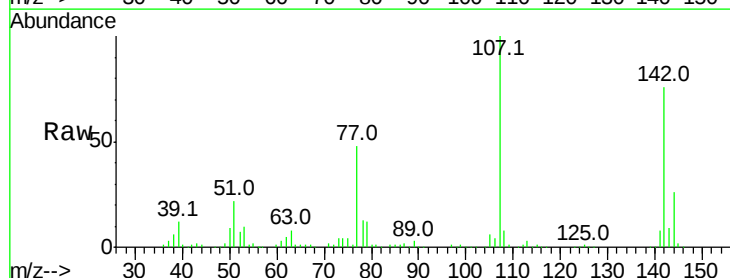
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BSD

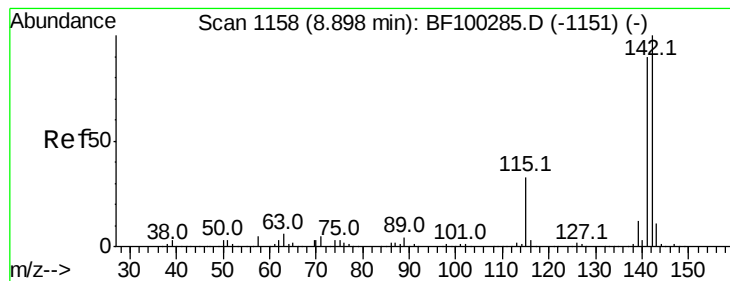
Tot Ion:113 Resp: 60155
 Ion Ratio Lower Upper
 113 100
 55 201.9 163.3 203.3
 56 145.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 29.692 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Tgt Ion:107 Resp: 217853
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 76.3 62.0 93.0





#37

2-Methylnaphthalene

Concen: 30.322 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

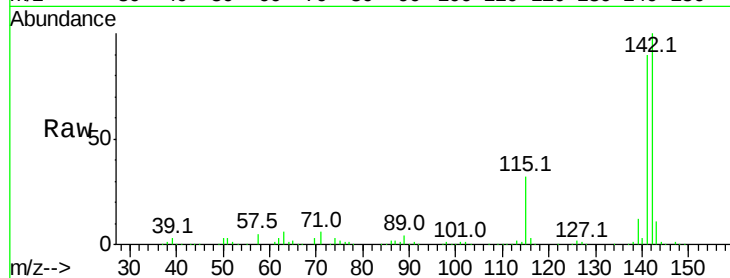
Tot Ion:142 Resp: 486979

Ion Ratio Lower Upper

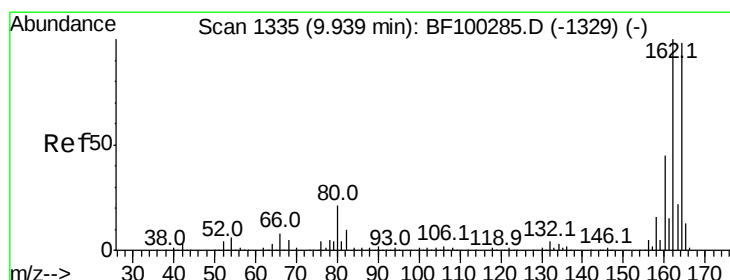
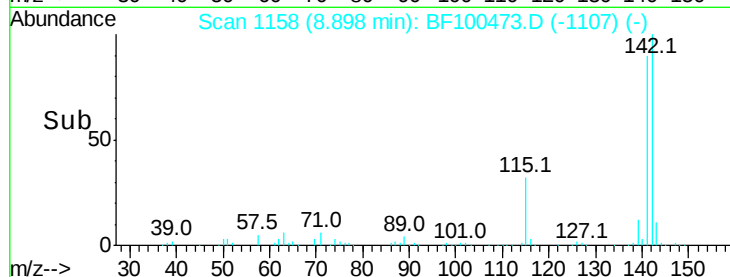
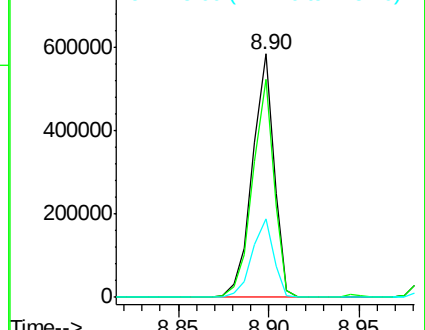
142 100

141 89.8 70.8 106.2

115 32.4 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

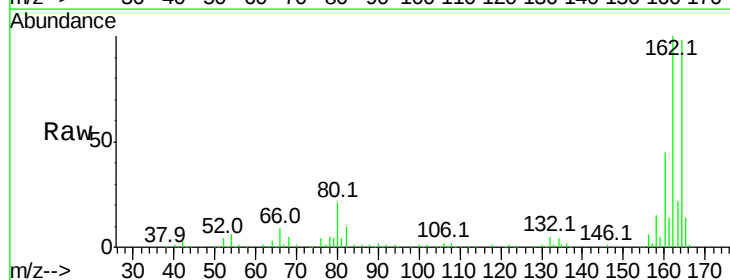
Tgt Ion:164 Resp: 209020

Ion Ratio Lower Upper

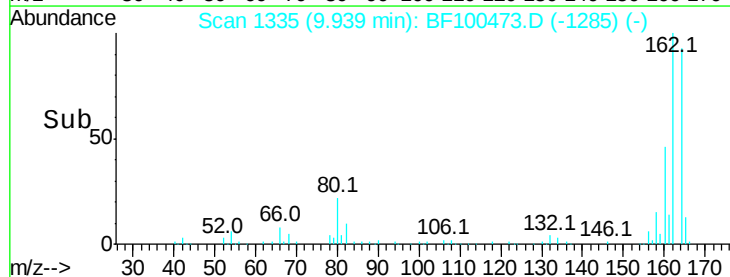
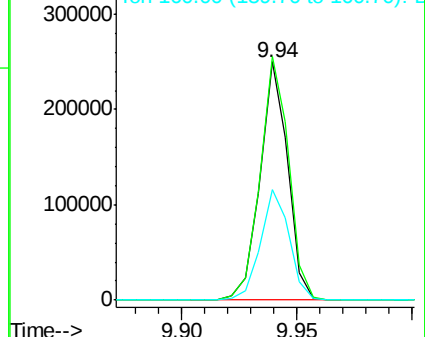
164 100

162 102.3 86.1 129.1

160 46.5 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: 32.066 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

Tot Ion:216 Resp: 222287

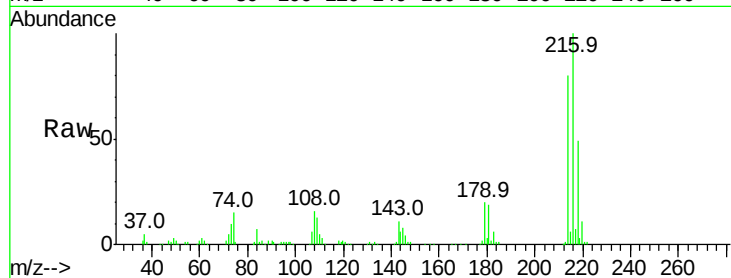
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 19.7 18.1 27.1

108 17.4 17.2 25.8

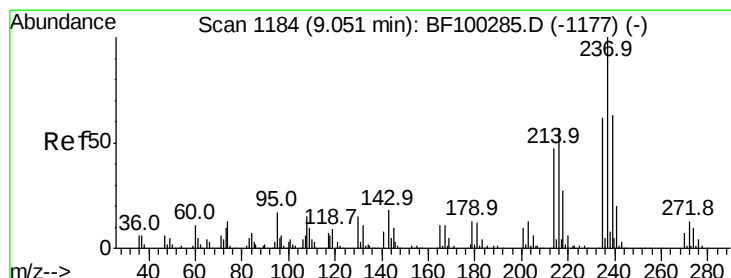
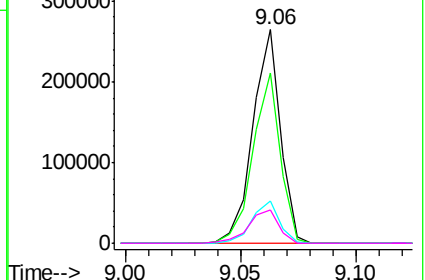
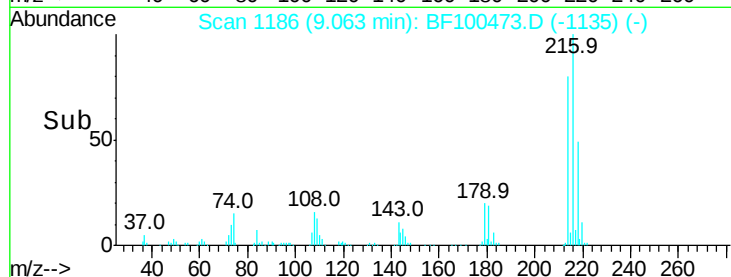


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 14.837 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

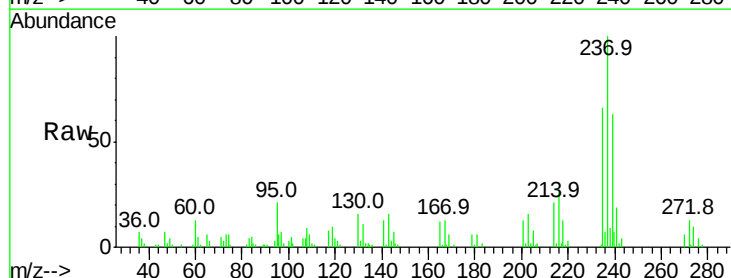
Tgt Ion:237 Resp: 48407

Ion Ratio Lower Upper

237 100

235 66.1 44.8 84.8

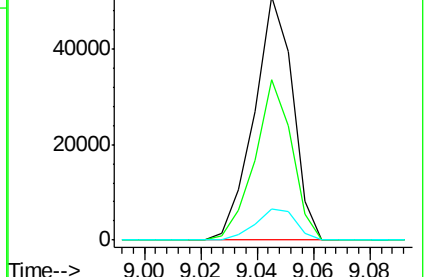
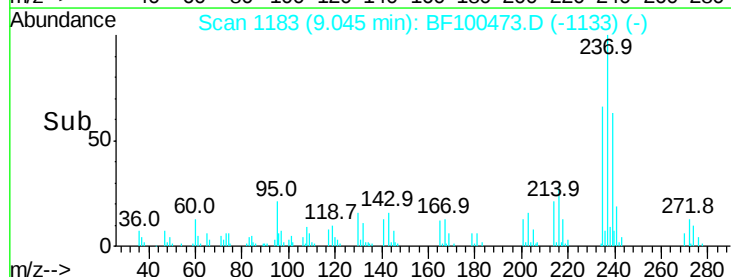
272 12.9 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

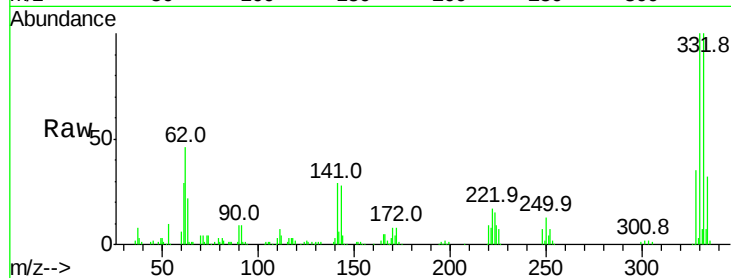




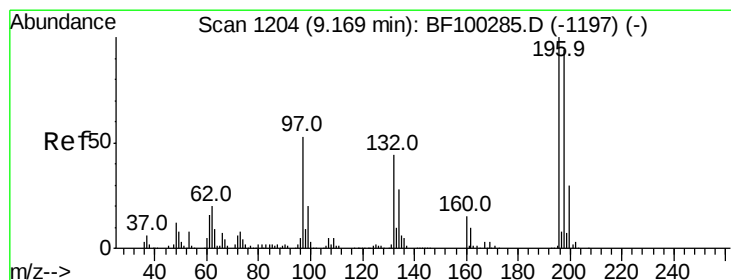
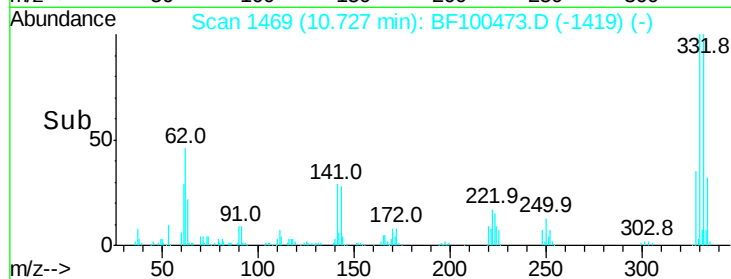
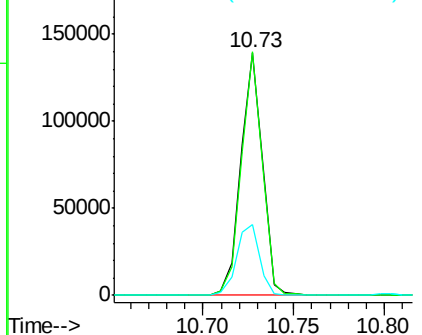
#41
 2,4,6-Tribromophenol
 Concen: 53.896 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BSD

Tot Ion:330 Resp: 114793
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 31.6 29.9 44.9

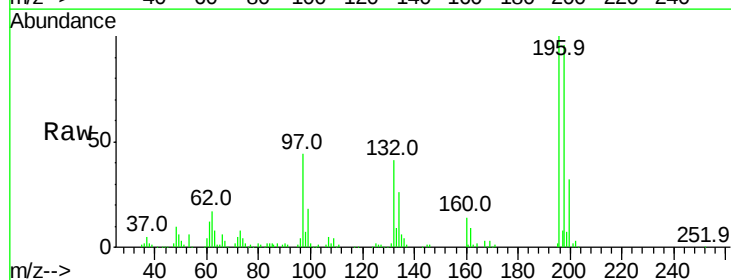


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

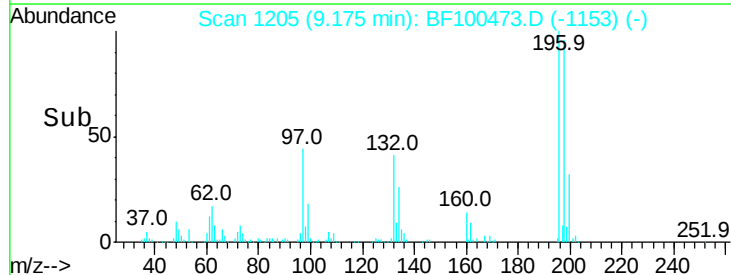
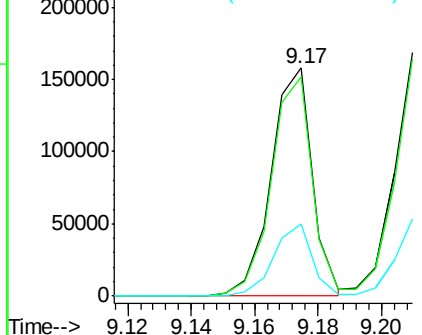


#42
 2,4,6-Trichlorophenol
 Concen: 32.347 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Tgt Ion:196 Resp: 142117
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 31.8 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

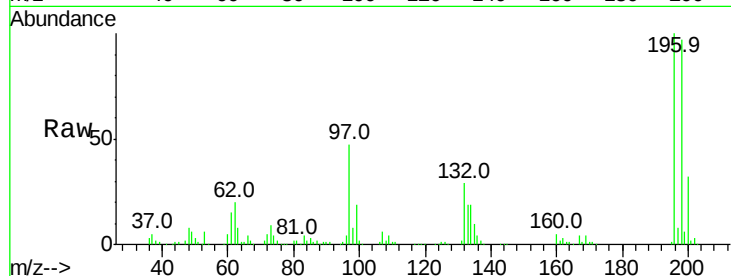




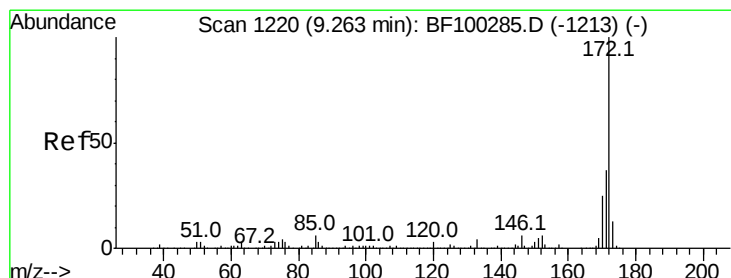
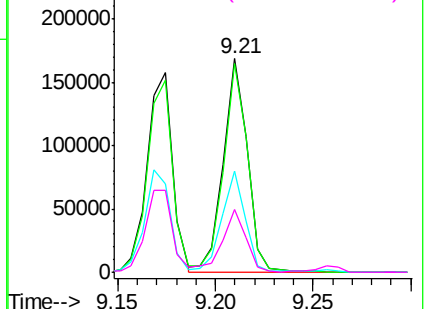
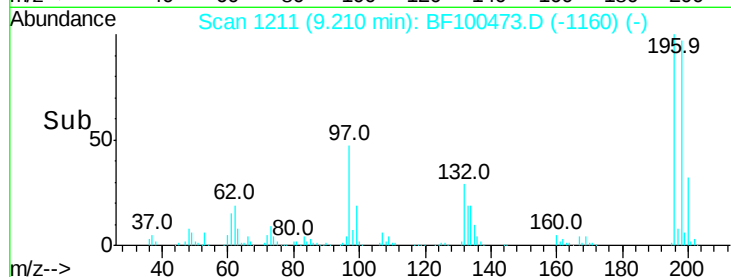
#43
 2,4,5-Trichlorophenol
 Concen: 31.831 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BSD

Tot Ion:196 Resp: 144894
 Ion Ratio Lower Upper
 196 100
 198 97.4 74.6 112.0
 97 47.1 42.9 64.3
 132 29.3 26.3 39.5

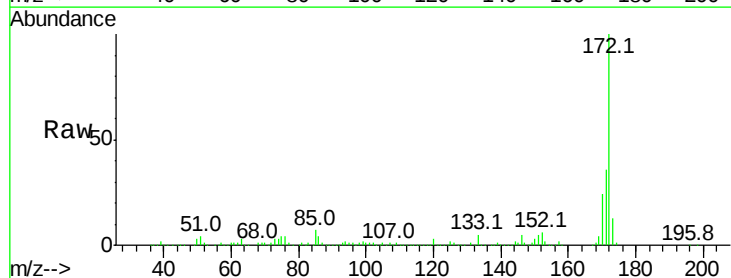


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

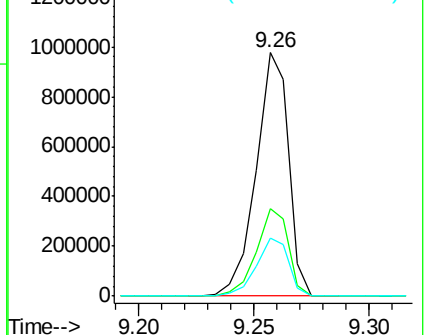
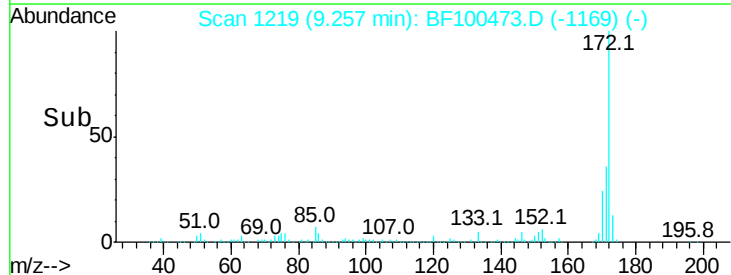


#44
 2-Fluorobiphenyl
 Concen: 69.706 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Tgt Ion:172 Resp: 956839
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.1 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 31.280 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

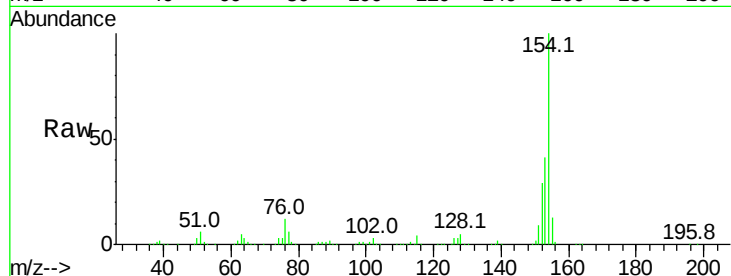
Tot Ion:154 Resp: 565490

Ion Ratio Lower Upper

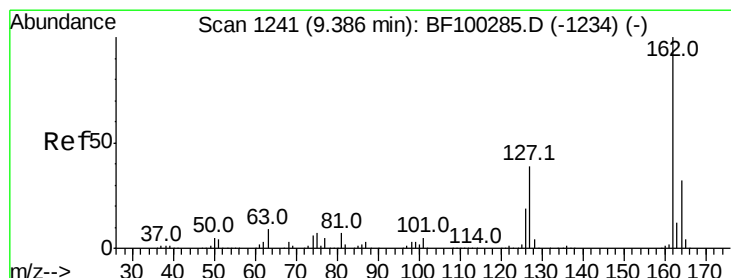
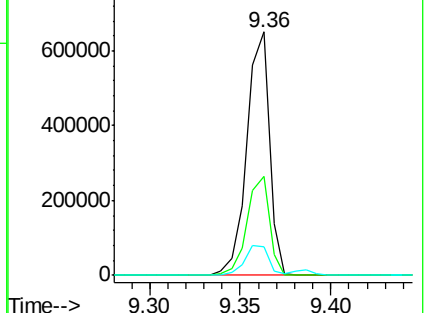
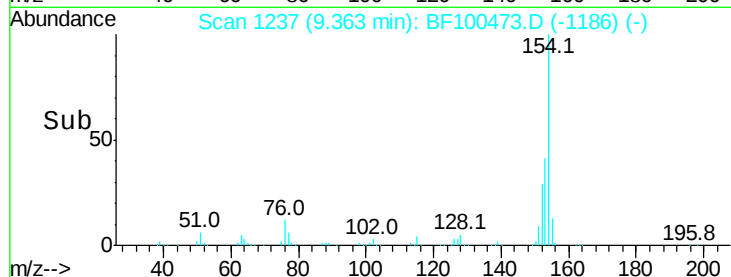
154 100

153 40.6 21.3 61.3

76 11.8 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: 33.059 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

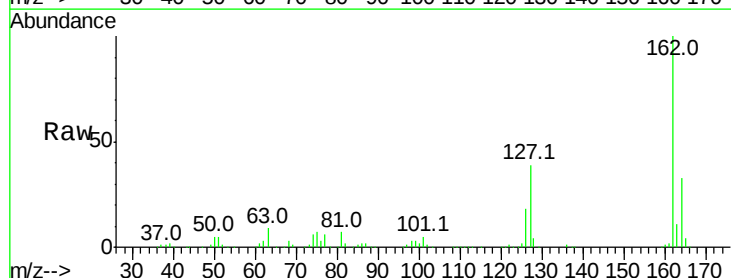
Tgt Ion:162 Resp: 433567

Ion Ratio Lower Upper

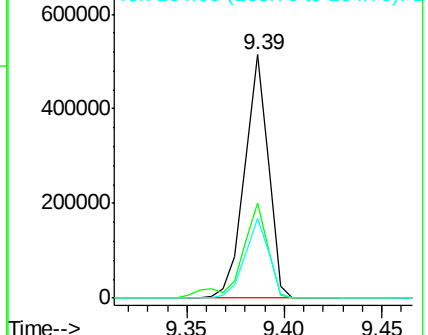
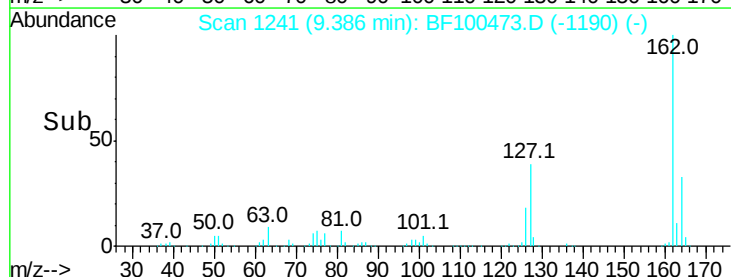
162 100

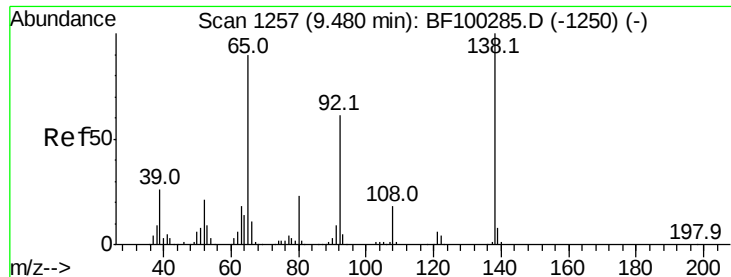
127 39.1 33.9 50.9

164 32.8 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: 36.453 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

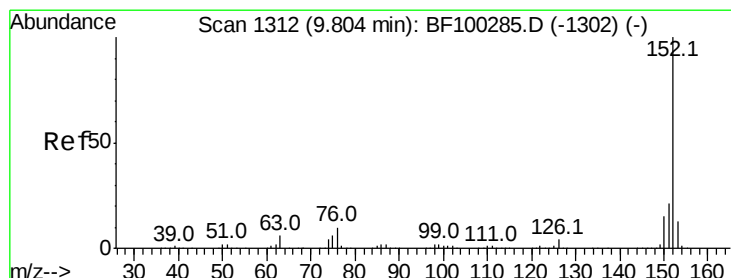
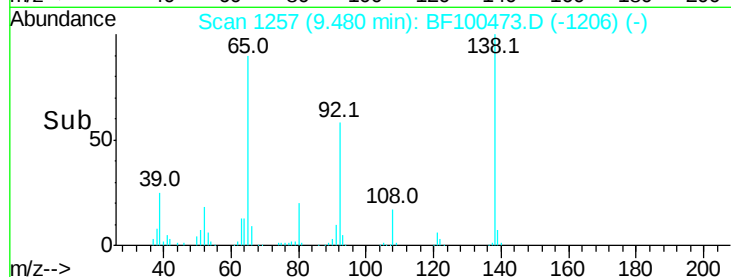
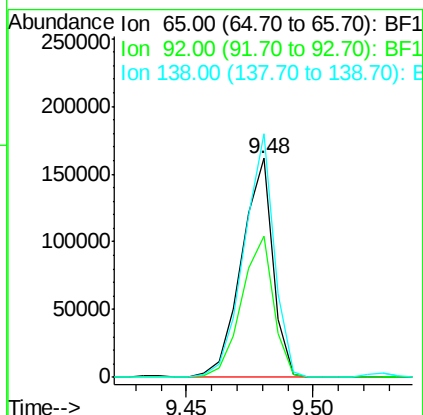
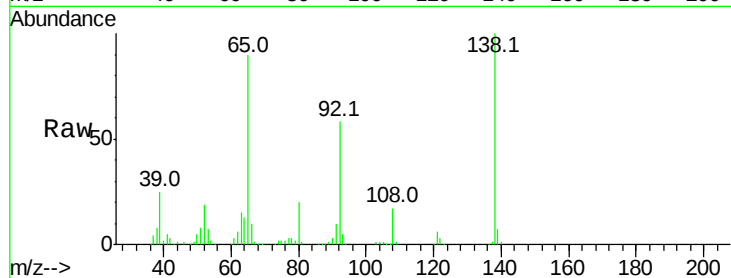
Tot Ion: 65 Resp: 138510

Ion Ratio Lower Upper

65 100

92 64.6 55.8 83.6

138 111.1 91.2 136.8



#48

Acenaphthylene

Concen: 30.074 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

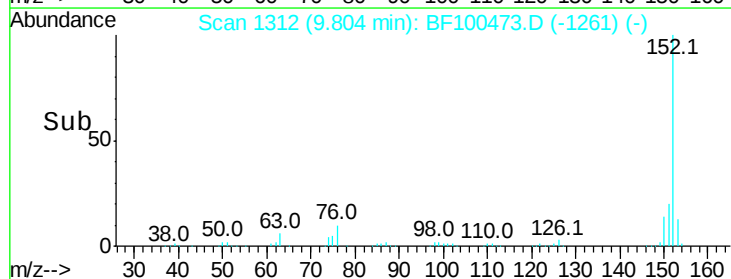
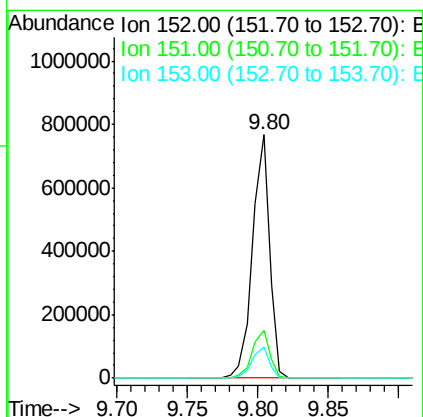
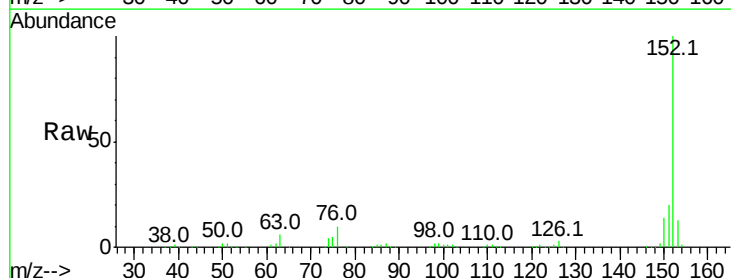
Tgt Ion: 152 Resp: 653653

Ion Ratio Lower Upper

152 100

151 19.6 16.3 24.5

153 12.9 10.7 16.1

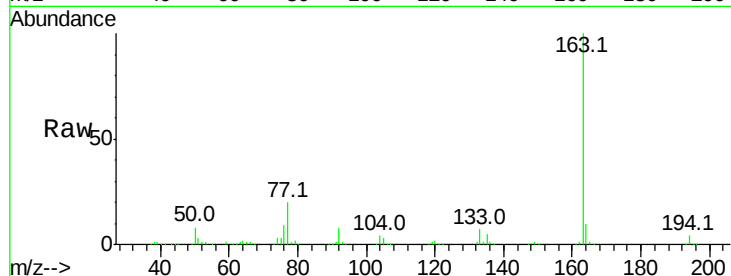




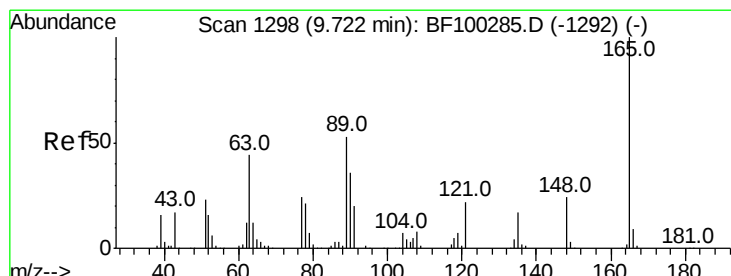
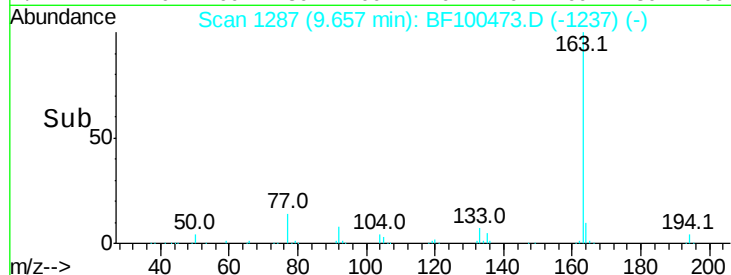
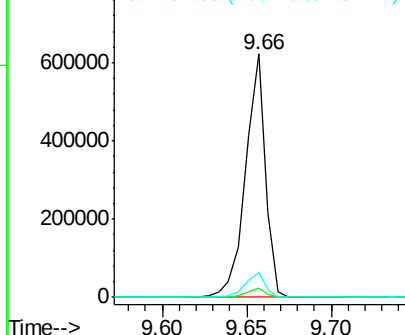
#49
Dimethylphthalate
Concen: 32.302 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Instrument :
BNA_F
ClientSampleId :
PB104195BSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2

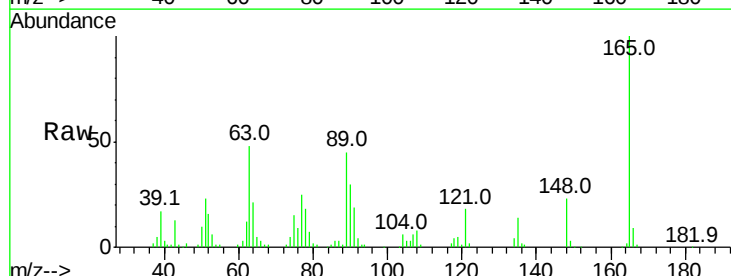


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

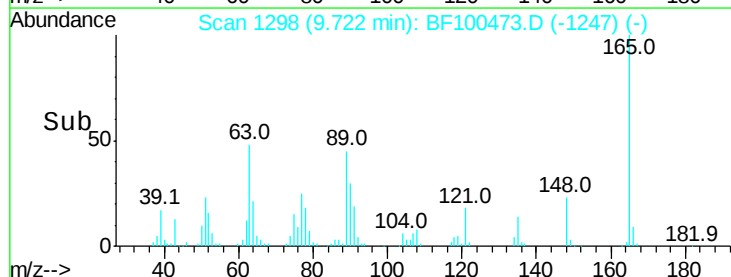
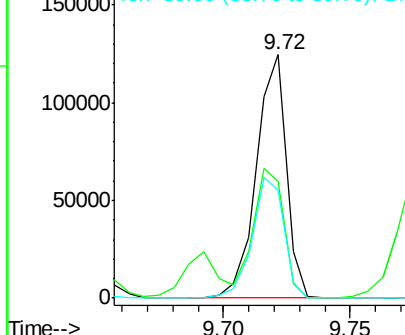


#50
2,6-Dinitrotoluene
Concen: 32.739 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.1	44.7	67.1
89	44.6	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: 29.236 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

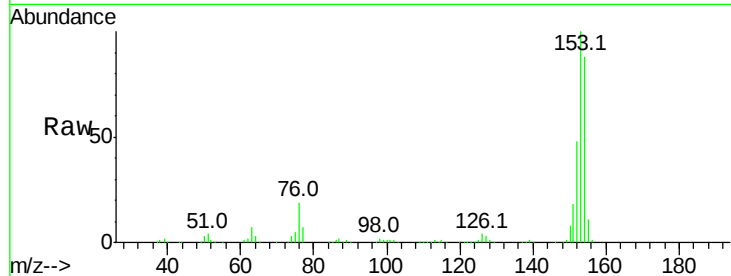
Tot Ion:154 Resp: 386451

Ion Ratio Lower Upper

154 100

153 114.2 91.2 136.8

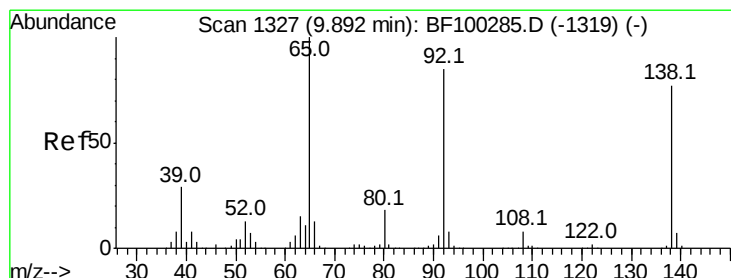
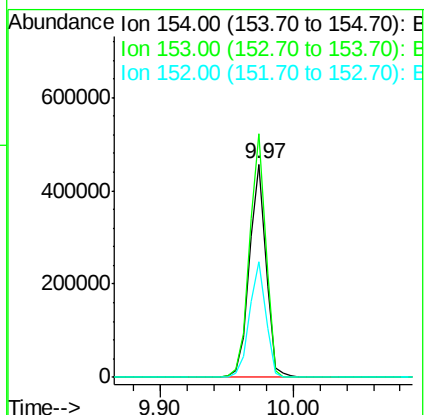
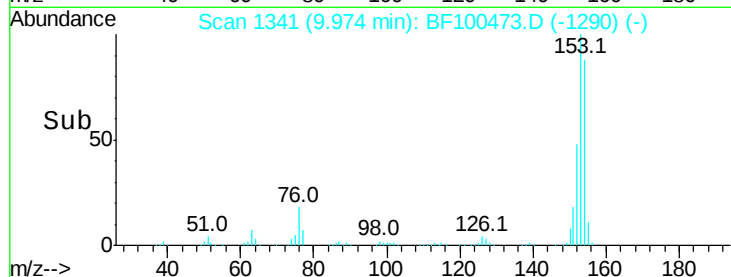
152 54.4 43.8 65.8



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: 13.080 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

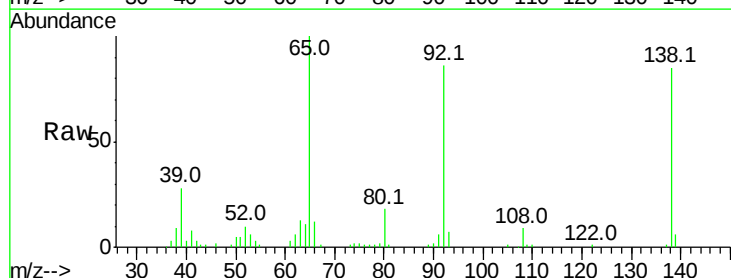
Tgt Ion:138 Resp: 48791

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

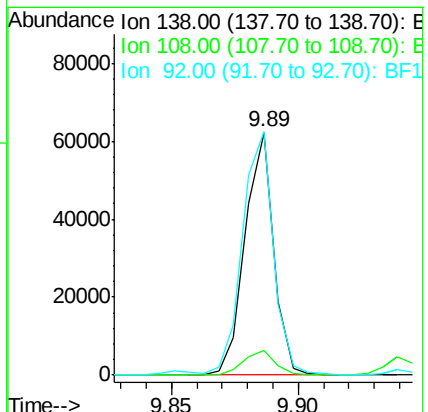
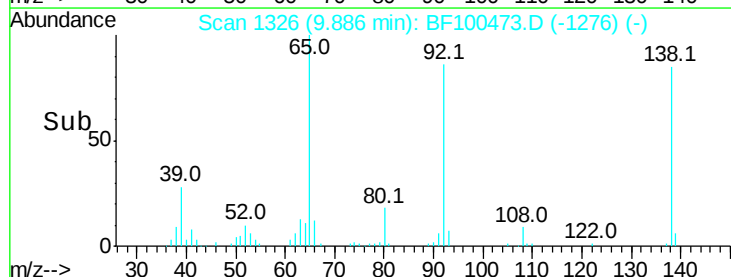
92 100.4 89.4 134.2

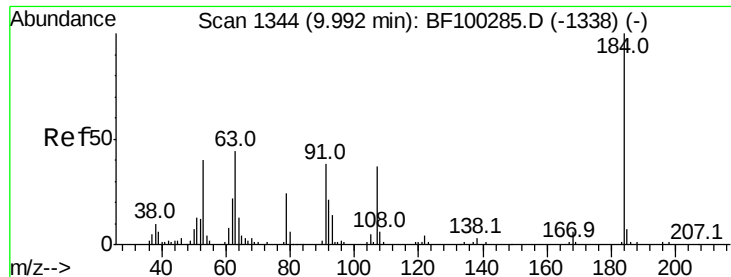


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

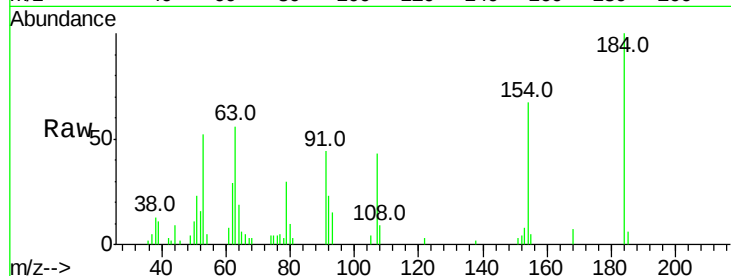




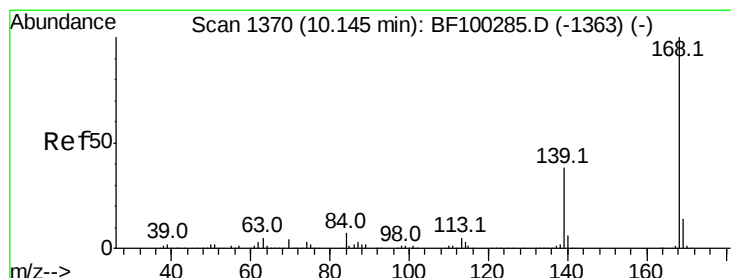
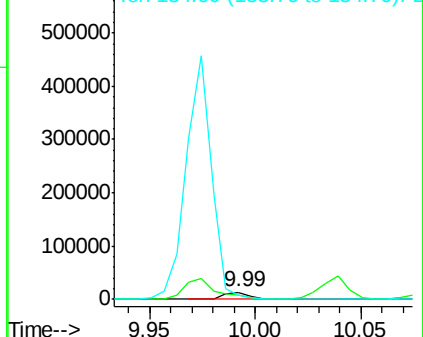
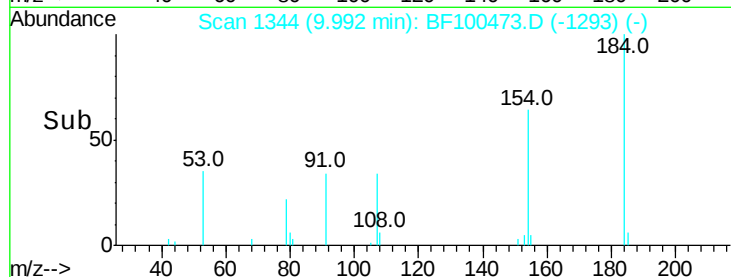
#53
2,4-Dinitrophenol
Concen: 18.854 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Instrument :
BNA_F
ClientSampleId :
PB104195BSD

Tot Ion:184 Resp: 11856
Ion Ratio Lower Upper
184 100
63 56.1 54.2 81.2
154 66.6 184.0 276.0#

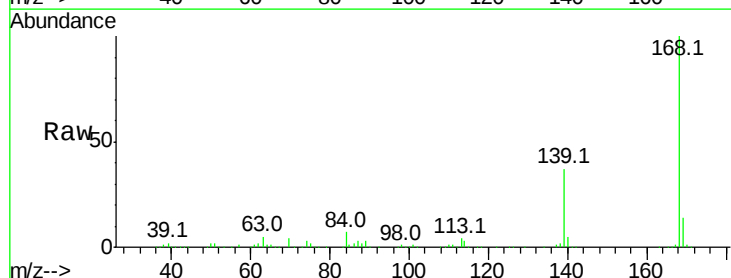


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

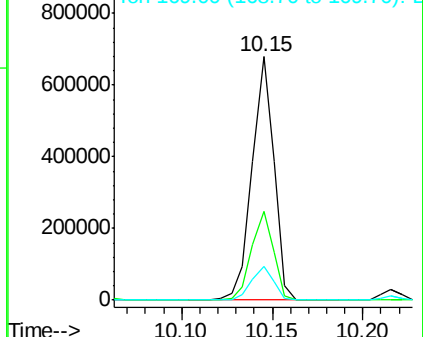
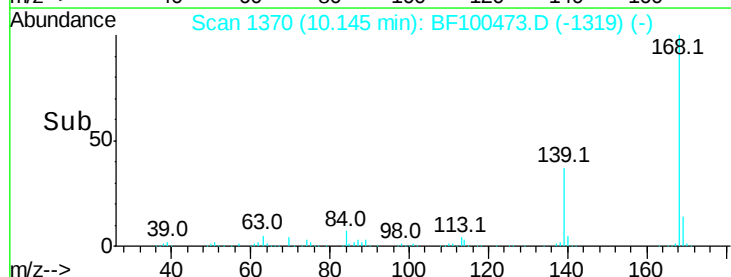


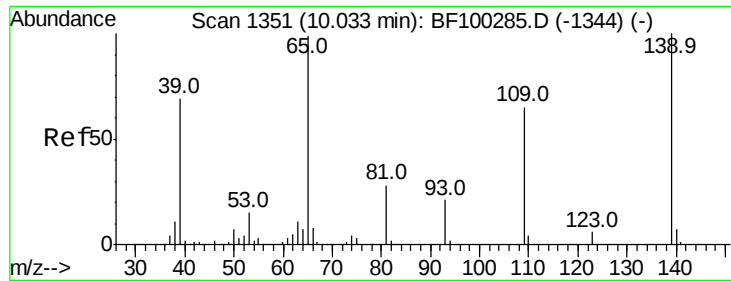
#54
Dibenzofuran
Concen: 30.672 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Tgt Ion:168 Resp: 568255
Ion Ratio Lower Upper
168 100
139 36.6 30.1 45.1
169 13.9 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

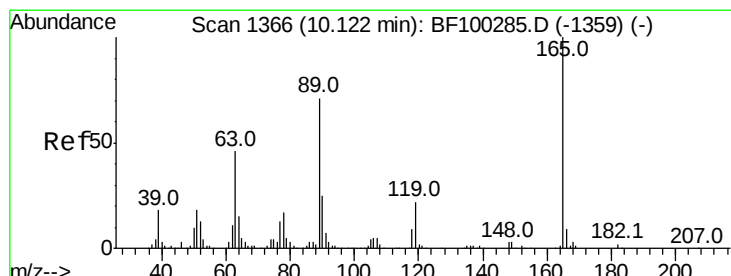
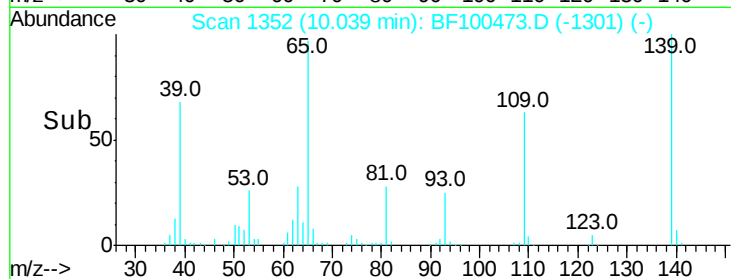
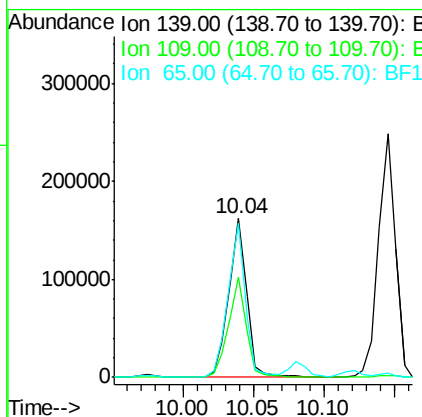
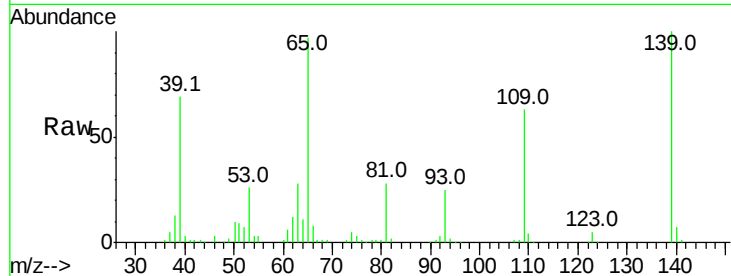




#55
 4-Nitrophenol
 Concen: 48.231 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

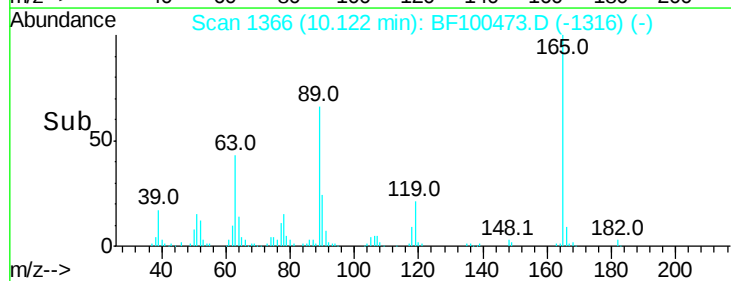
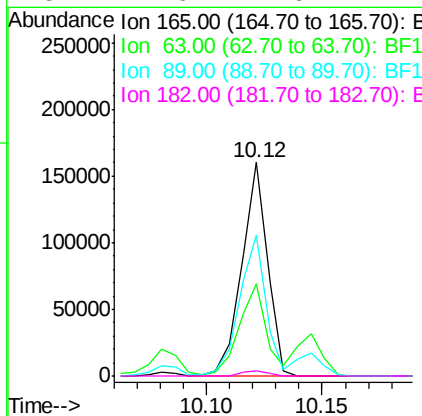
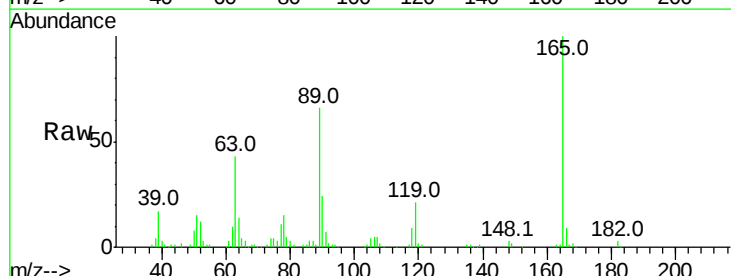
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BSD

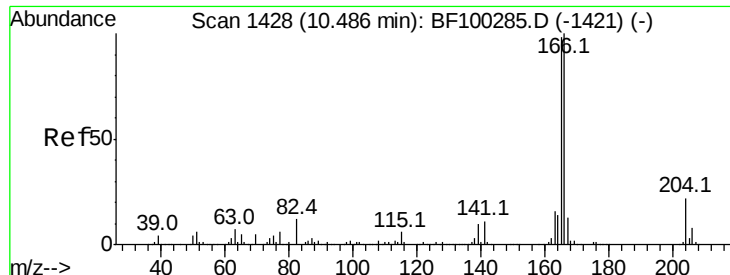
Tot Ion:139 Resp: 146088
 Ion Ratio Lower Upper
 139 100
 109 63.0 48.4 88.4
 65 96.7 72.6 112.6



#56
 2,4-Dinitrotoluene
 Concen: 31.434 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Tgt Ion:165 Resp: 125271
 Ion Ratio Lower Upper
 165 100
 63 43.3 36.4 54.6
 89 65.9 57.8 86.6
 182 2.6 1.6 2.4#

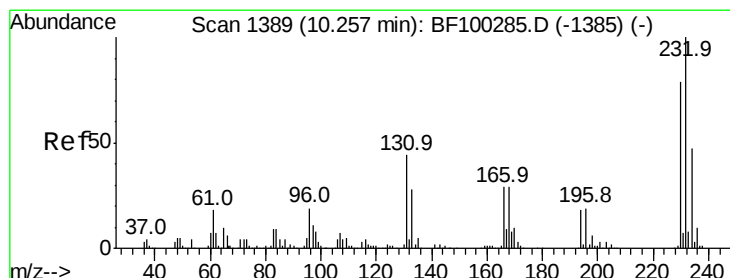
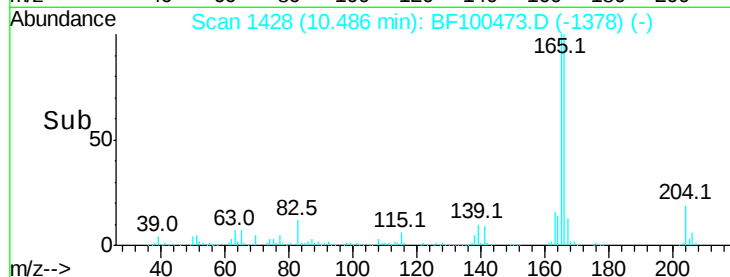
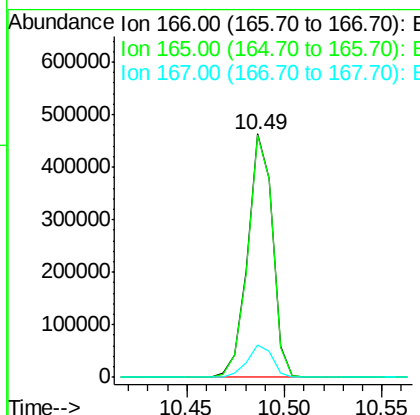
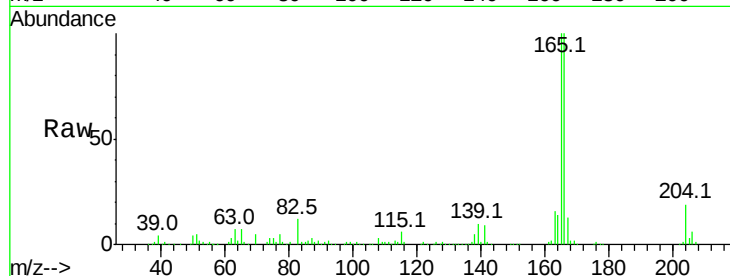




#57
Fluorene
 Concen: 30.082 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

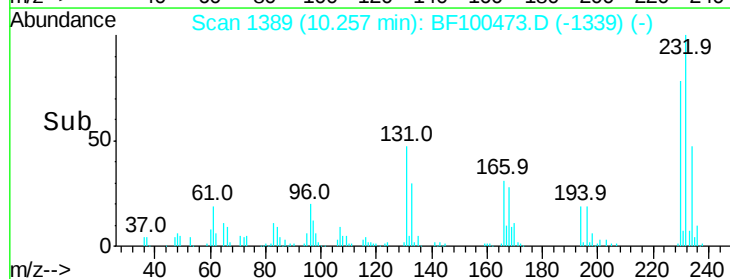
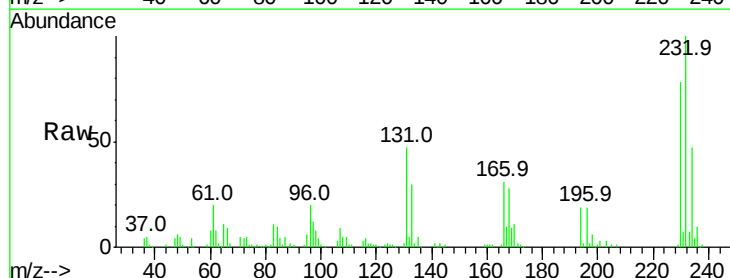
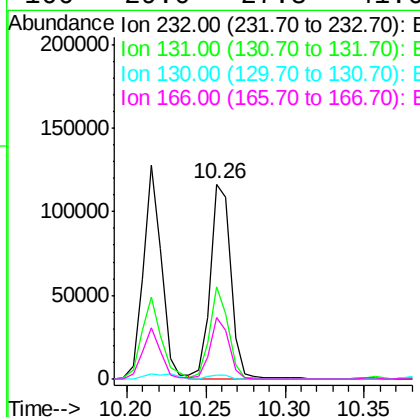
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BSD

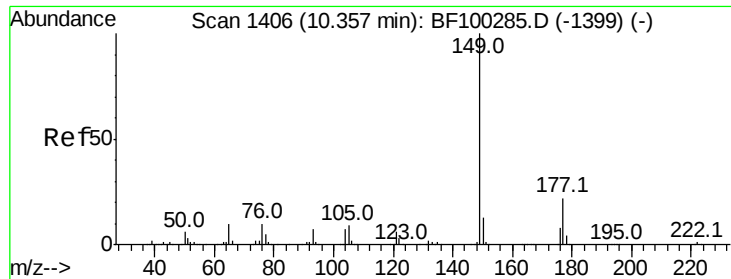
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.8	119.8
167	13.5	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 28.414 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Tgt Ion	Ratio	Lower	Upper
232	100		
231	43.1	43.8	65.8#
130	2.1	2.1	3.1
166	29.0	27.8	41.6

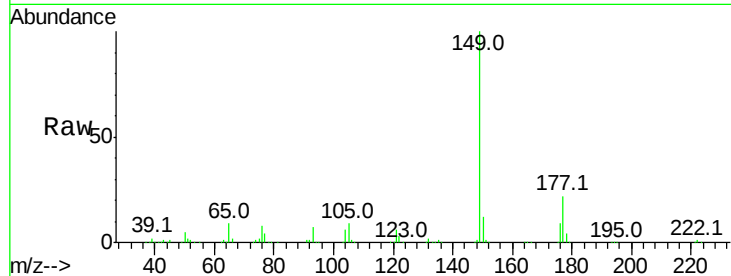




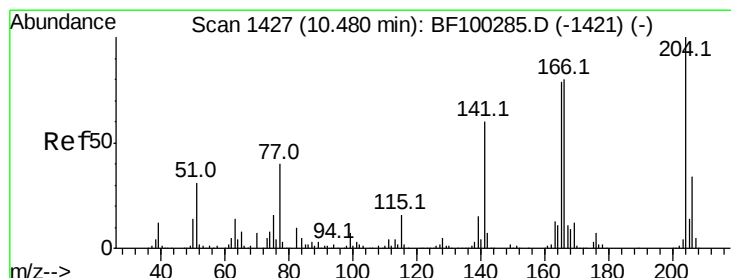
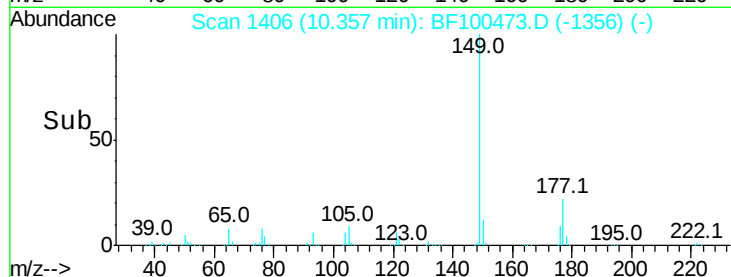
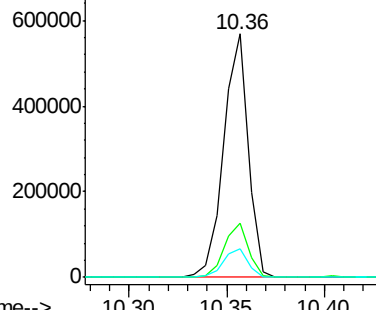
#59
 Diethylphthalate
 Concen: 30.949 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BSD

Tot Ion:	149	Resp:	494265
Ion	Ratio	Lower	Upper
149	100		
177	22.3	16.1	24.1
150	11.8	10.1	15.1

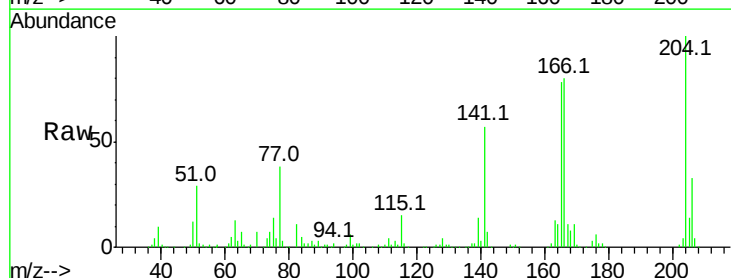


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

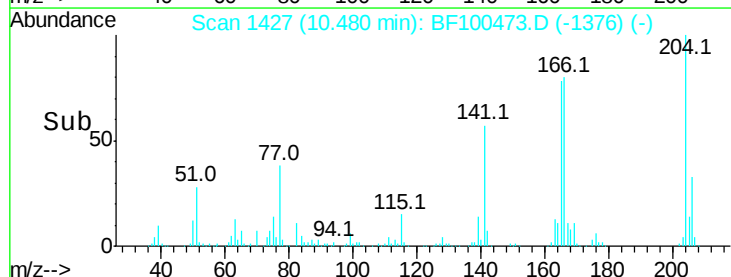
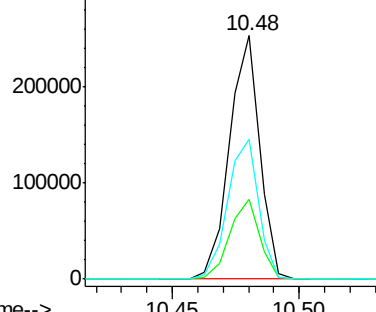


#60
 4-Chlorophenyl-phenylether
 Concen: 31.892 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Tgt Ion:	204	Resp:	212335
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	57.2	54.6	81.8



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

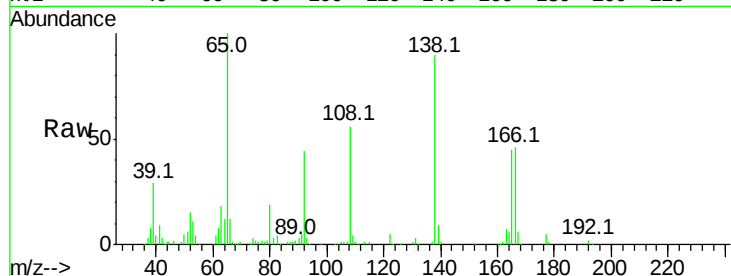




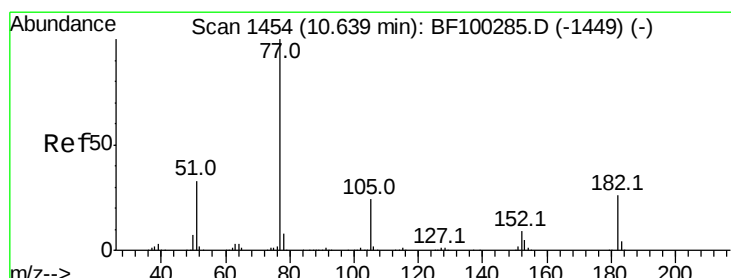
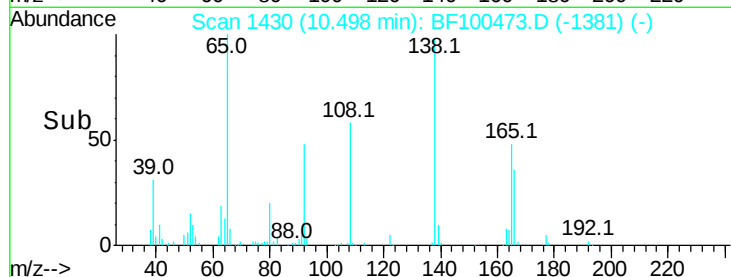
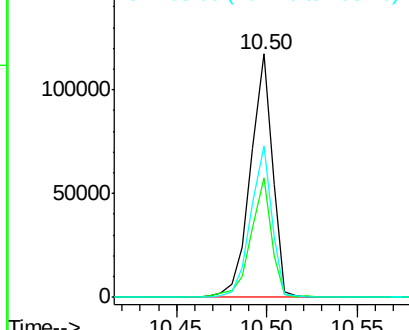
#61
4-Nitroaniline
Concen: 27.993 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Instrument :
BNA_F
ClientSampleId :
PB104195BSD

Tot Ion:138 Resp: 99014
Ion Ratio Lower Upper
138 100
92 49.0 30.2 70.2
108 62.1 52.5 92.5

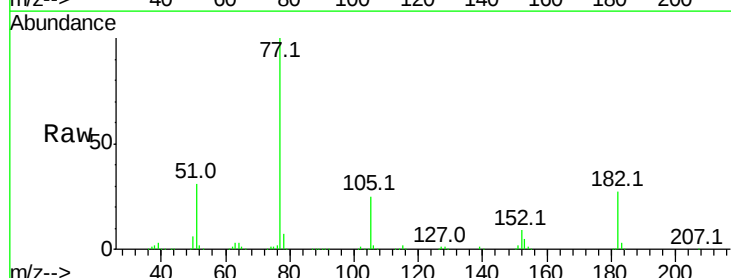


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

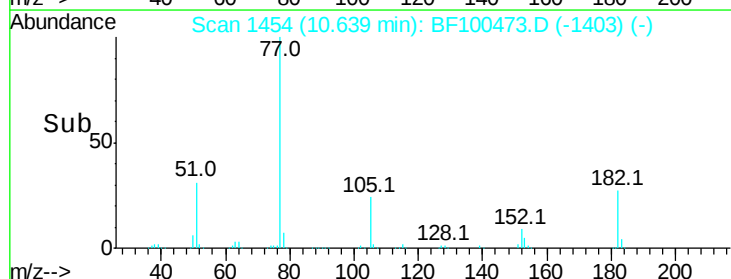
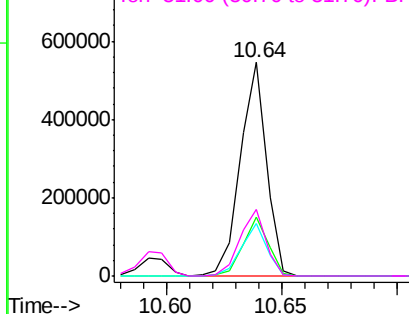


#62
Azobenzene
Concen: 28.810 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Tgt Ion: 77 Resp: 433352
Ion Ratio Lower Upper
77 100
182 27.4 1.7 41.7
105 24.5 3.0 43.0
51 31.1 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

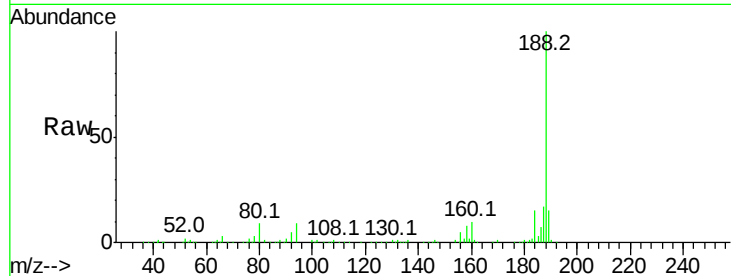




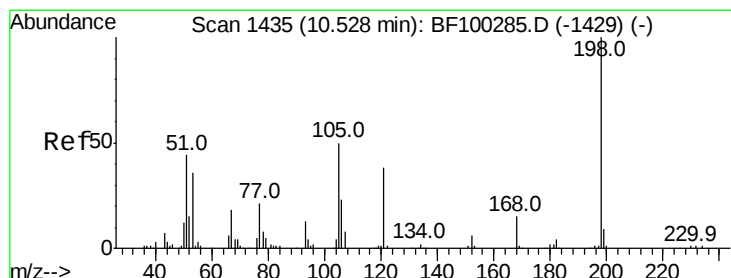
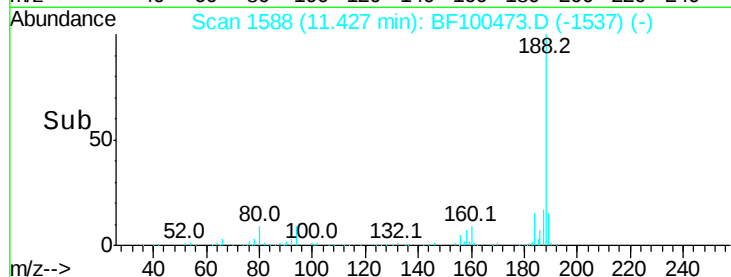
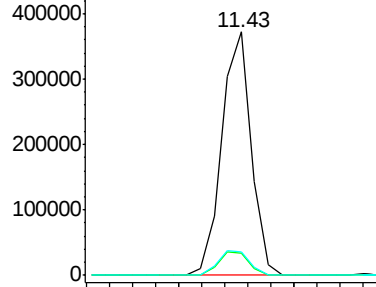
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Instrument :
BNA_F
ClientSampleId :
PB104195BSD

Tot Ion:188 Resp: 331044
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.5 9.2 13.8

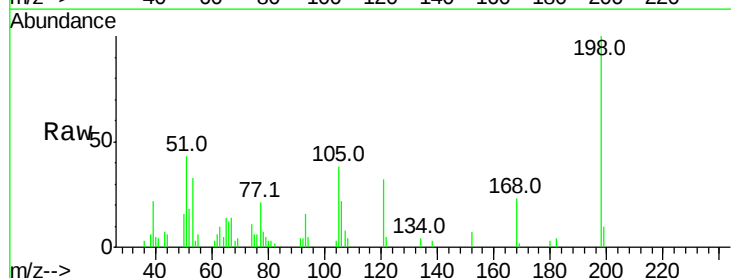


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

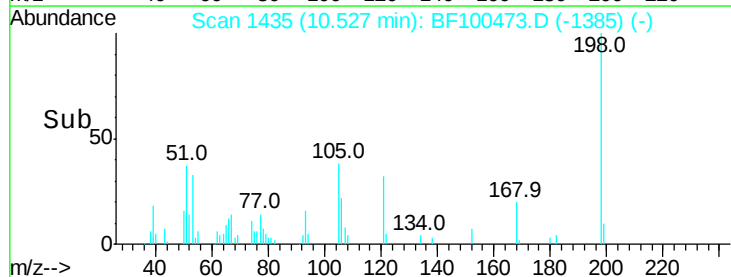
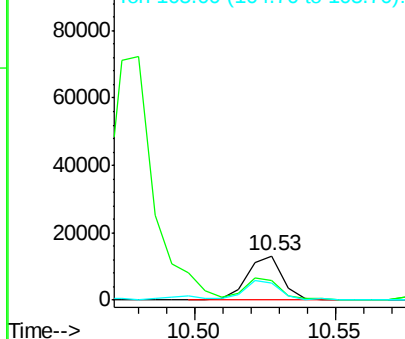


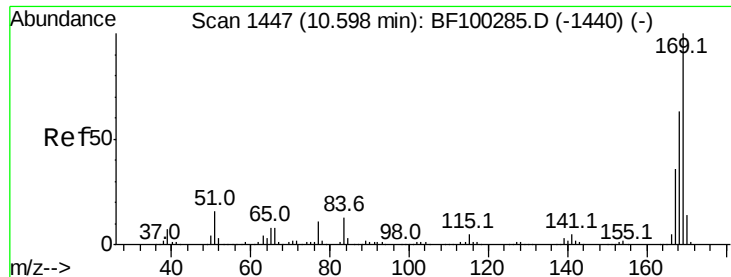
#64
4,6-Dinitro-2-methylphenol
Concen: 14.085 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Tgt Ion:198 Resp: 11221
Ion Ratio Lower Upper
198 100
51 43.2 37.7 77.7
105 38.0 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

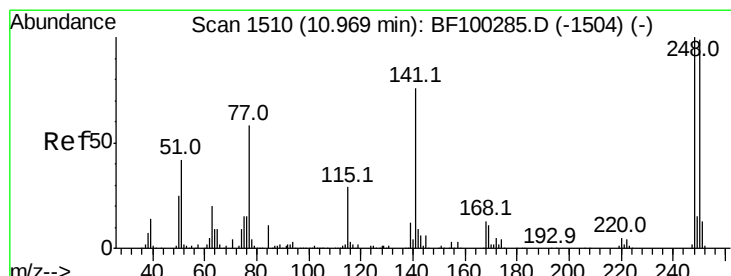
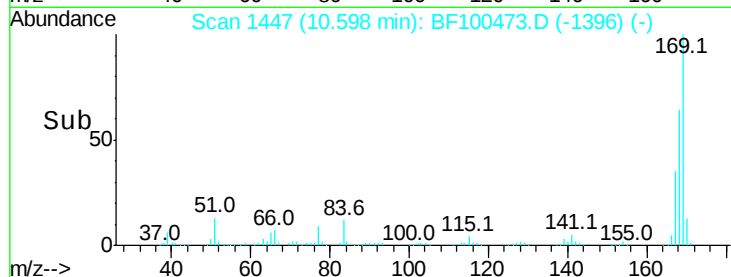
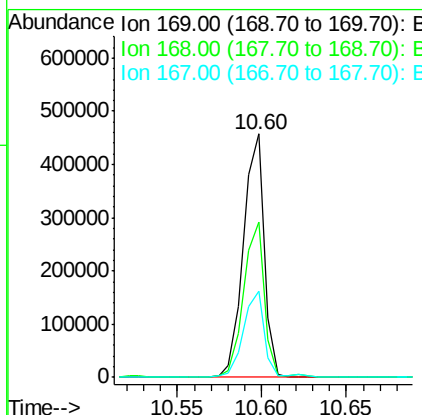
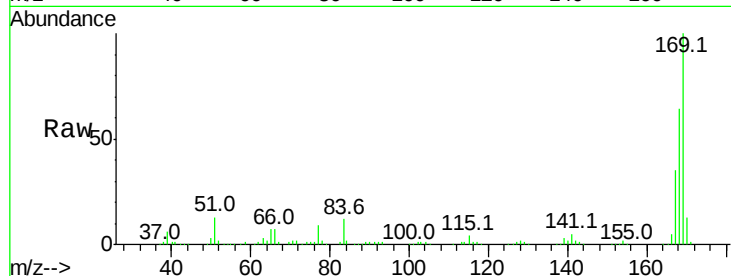




#65
 n-Nitrosodiphenylamine
 Concen: 34.252 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

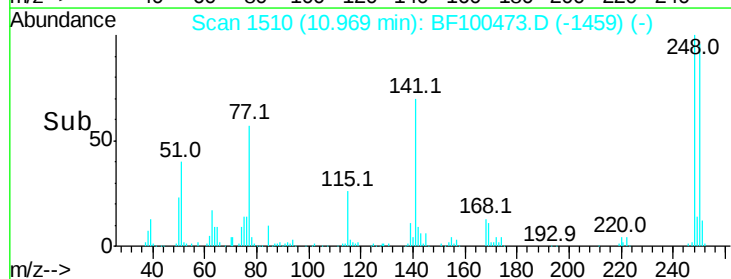
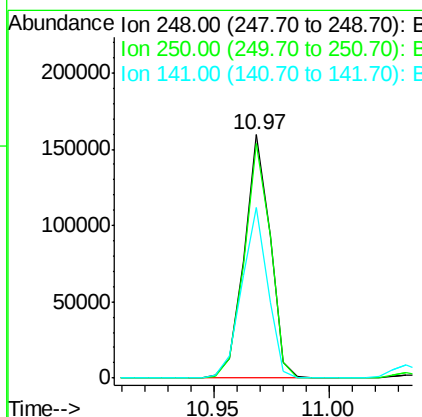
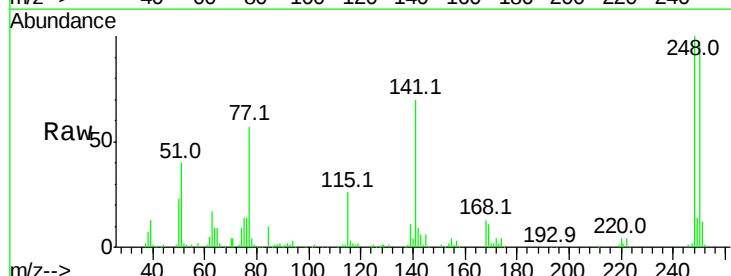
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BSD

Tot Ion:169 Resp: 394266
 Ion Ratio Lower Upper
 169 100
 168 63.9 54.4 81.6
 167 35.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 35.400 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Tgt Ion:248 Resp: 125626
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.9 115.3
 141 70.2 74.4 111.6#





#67

Hexachlorobenzene

Concen: 32.910 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

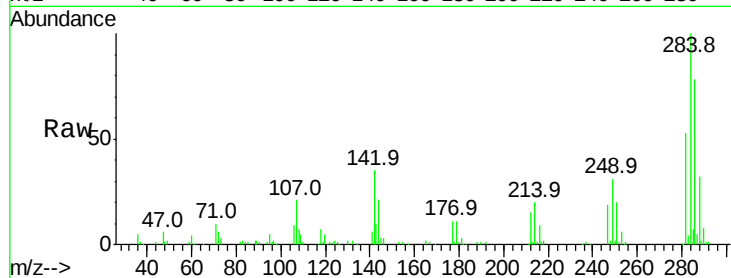
Tot Ion:284 Resp: 122148

Ion Ratio Lower Upper

284 100

142 34.7 34.6 52.0

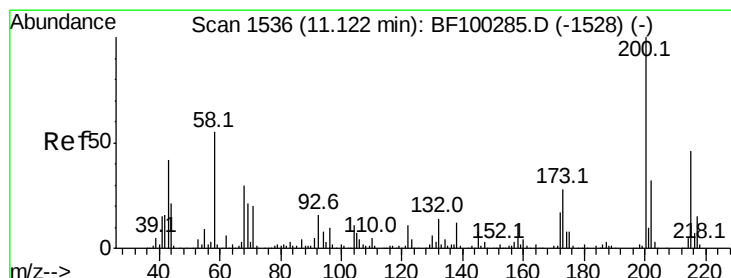
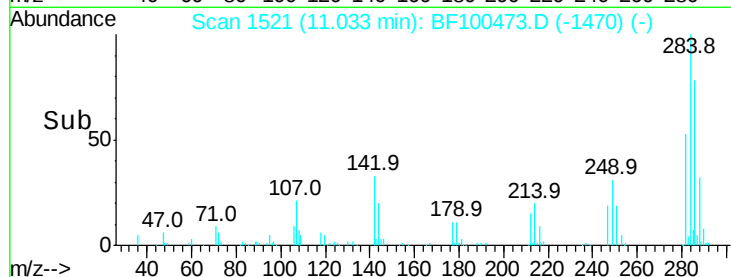
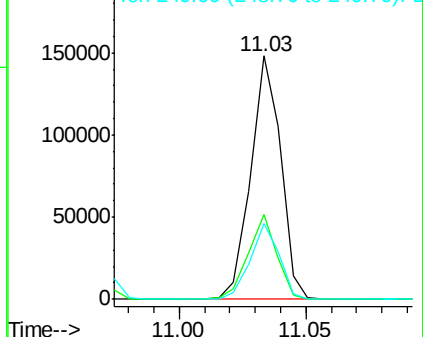
249 31.4 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.585 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

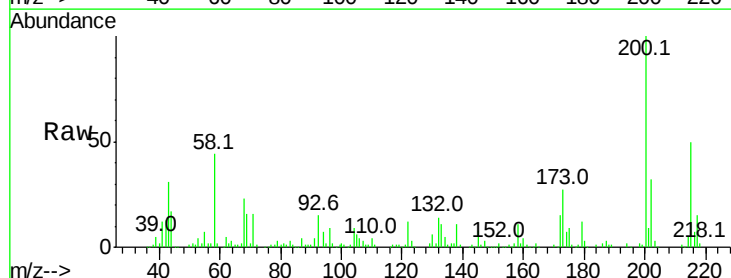
Tgt Ion:200 Resp: 120506

Ion Ratio Lower Upper

200 100

173 26.7 8.6 48.6

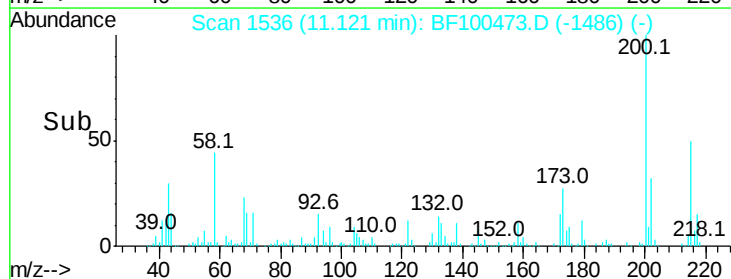
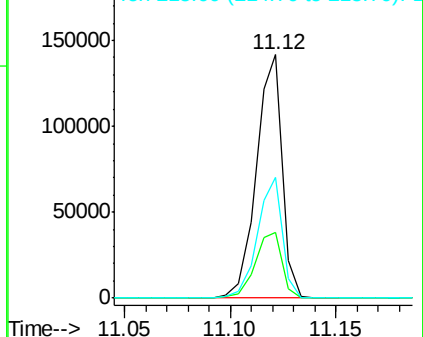
215 49.6 25.1 65.1

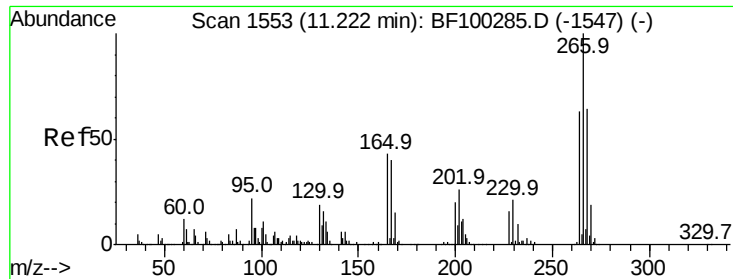


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

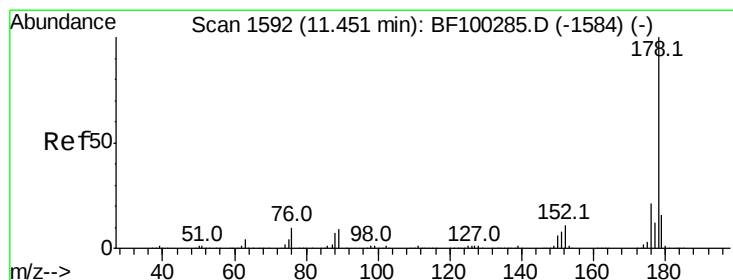
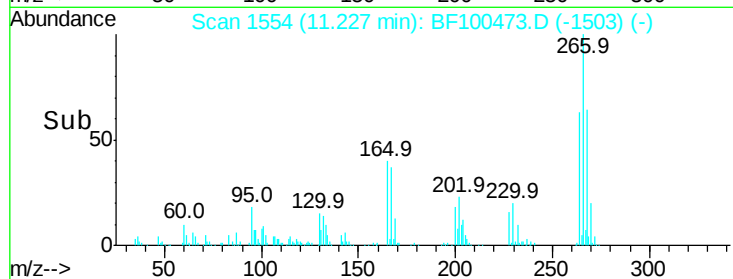
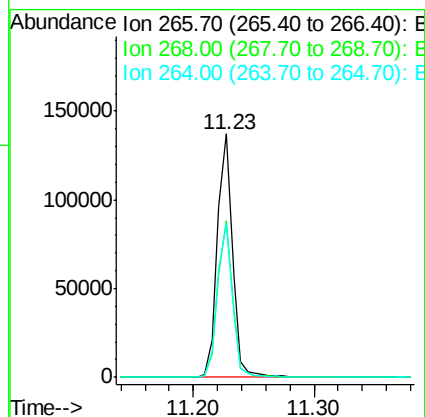
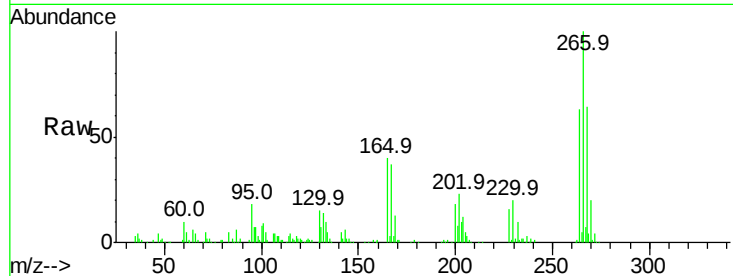




#69
 Pentachlorophenol
 Concen: 44.336 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

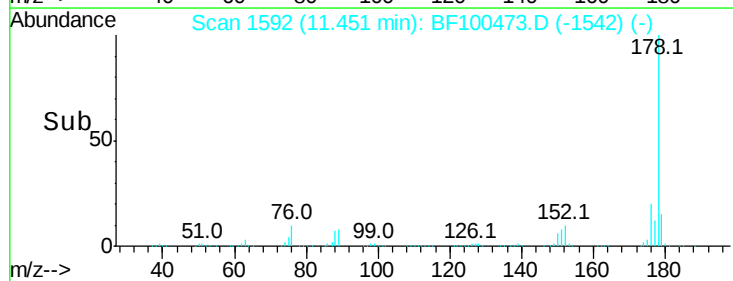
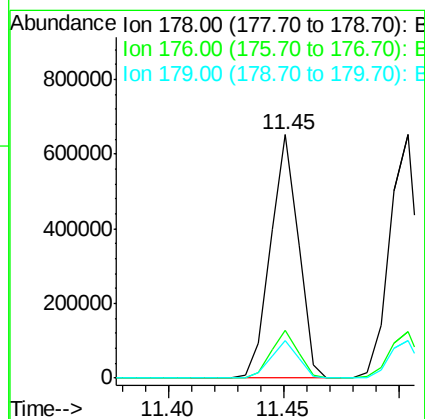
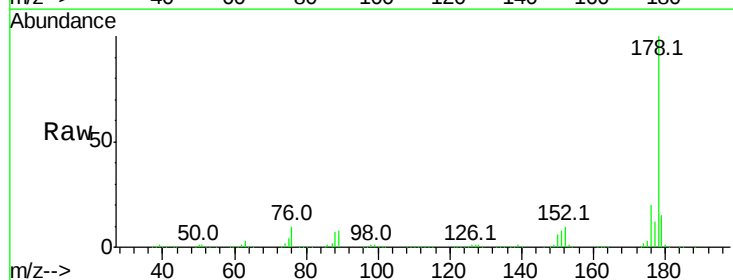
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BSD

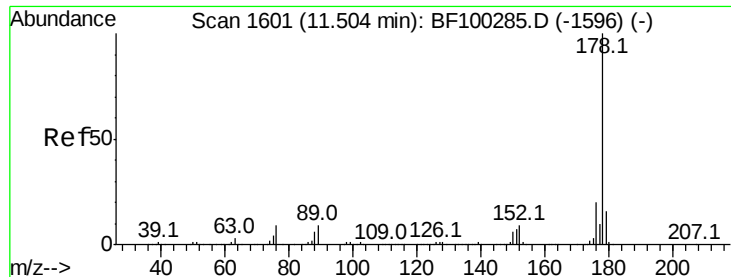
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	63.0	49.5	74.3



#70
 Phenanthrene
 Concen: 31.323 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	13.0	19.6

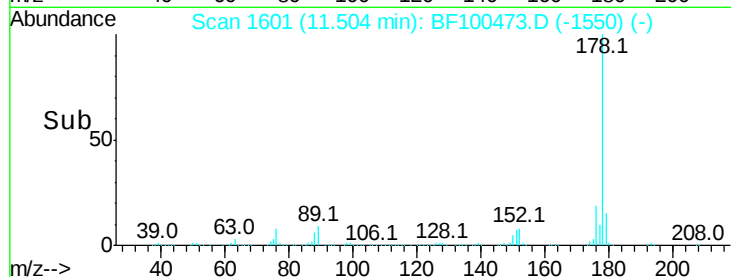
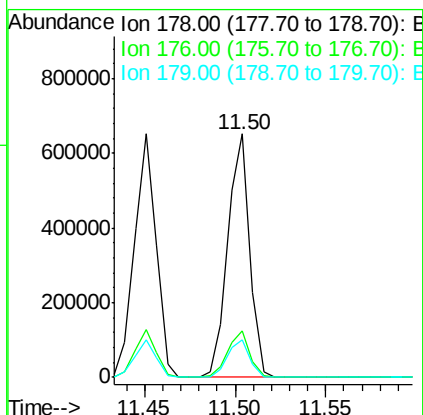
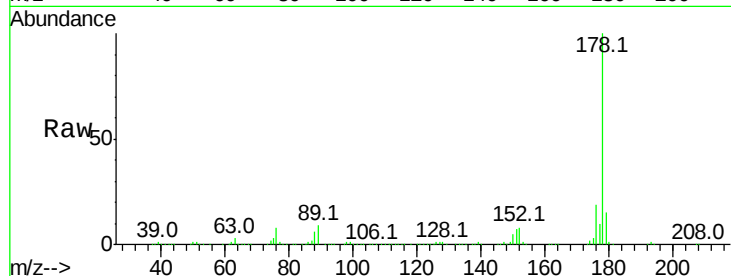




#71
 Anthracene
 Concen: 31.186 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

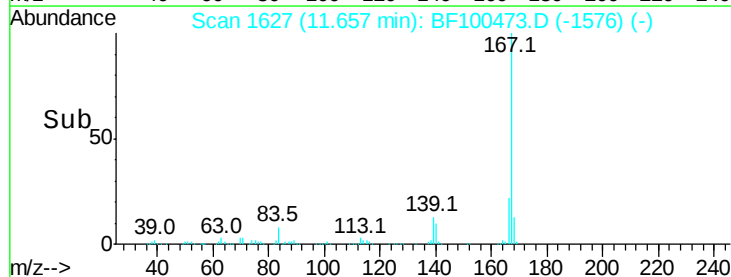
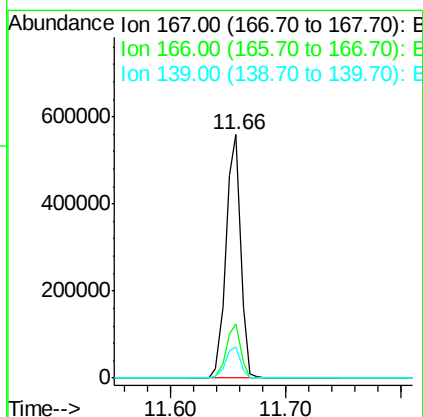
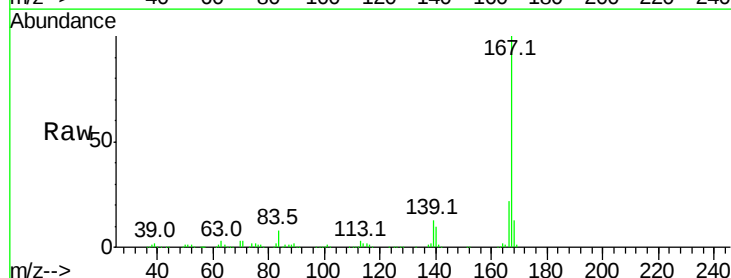
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BSD

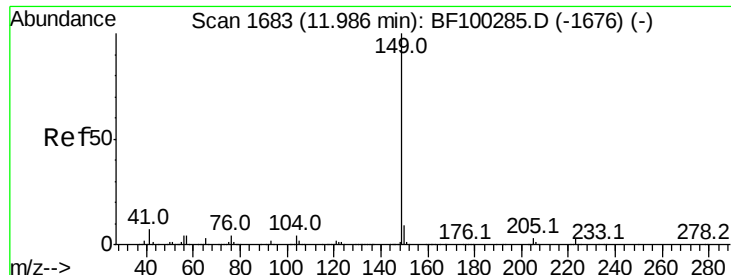
Tot Ion:178 Resp: 551473
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 30.103 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100473.D
 Acq: 12 Nov 2017 7:02

Tgt Ion:167 Resp: 491181
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 35.180 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

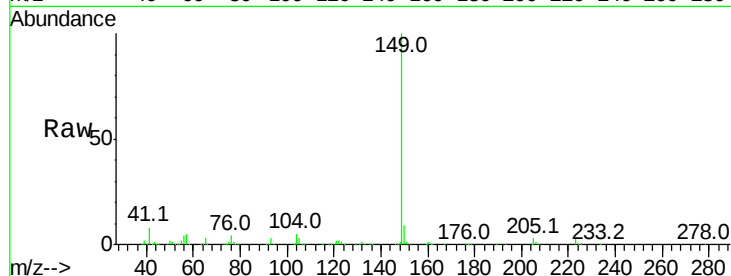
Tot Ion:149 Resp: 671745

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

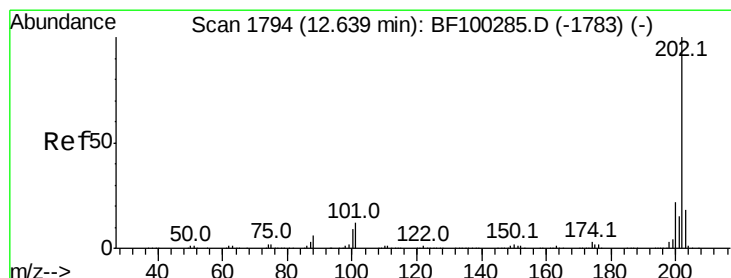
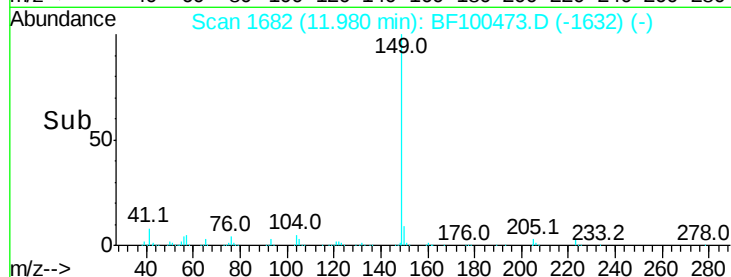
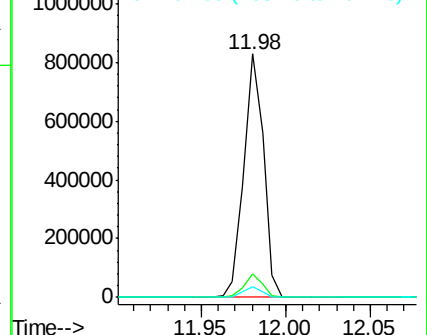
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 28.899 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

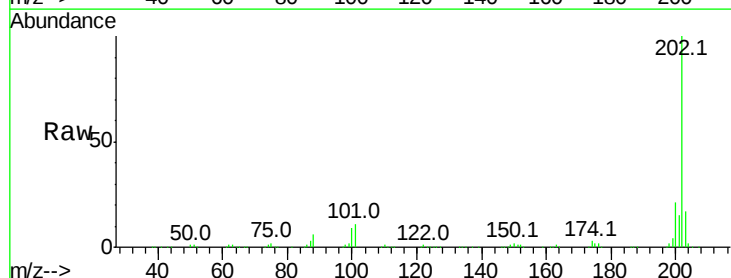
Tgt Ion:202 Resp: 533828

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.1

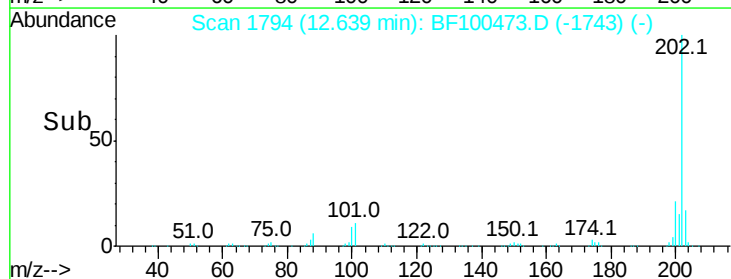
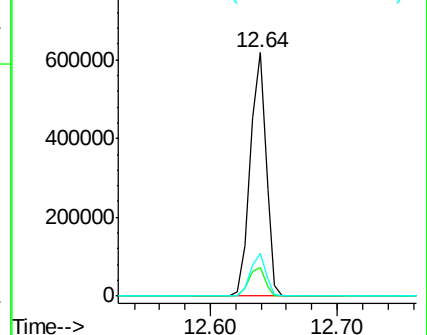
203 17.4 0.0 38.1

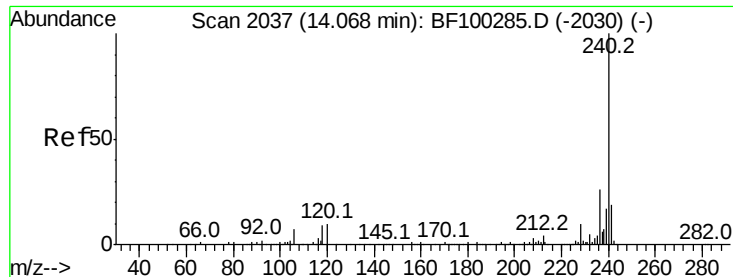


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

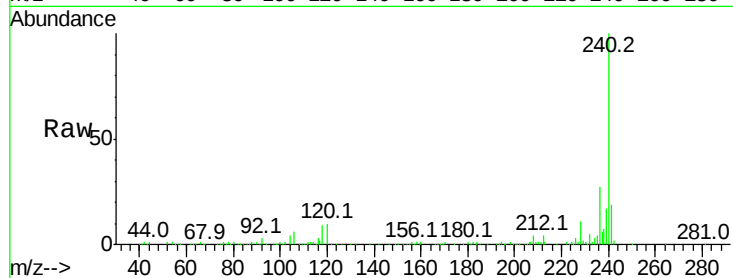
Tot Ion:240 Resp: 257085

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

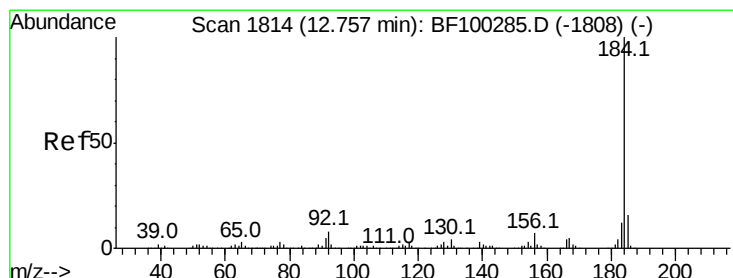
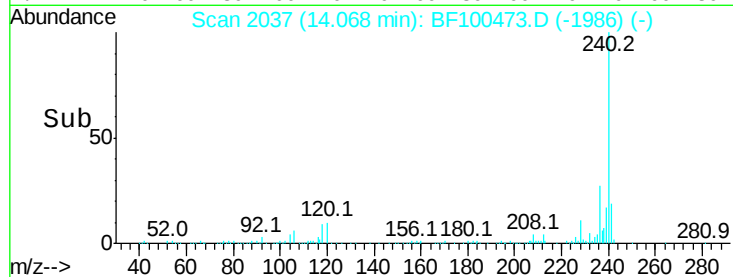
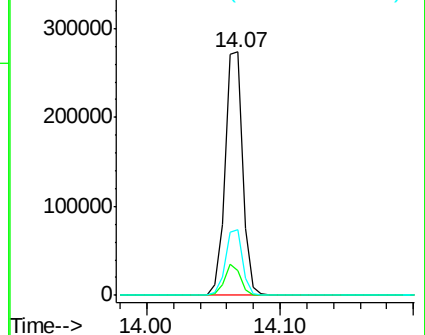
236 27.1 20.7 31.1



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: 21.901 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

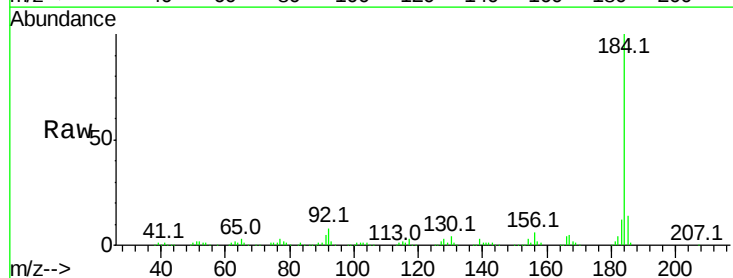
Tgt Ion:184 Resp: 225483

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

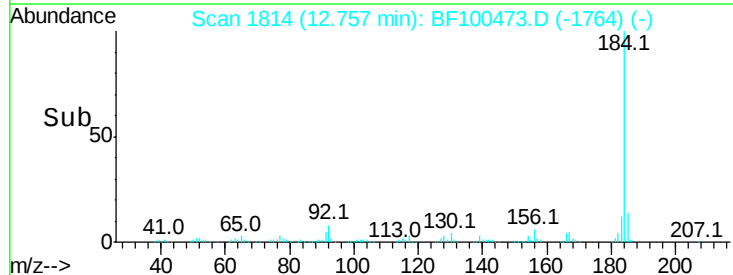
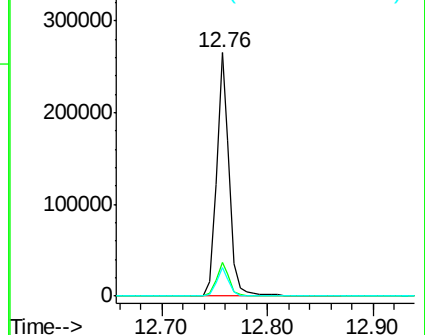
183 11.7 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

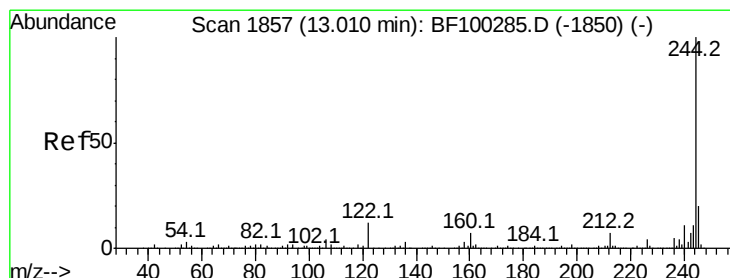
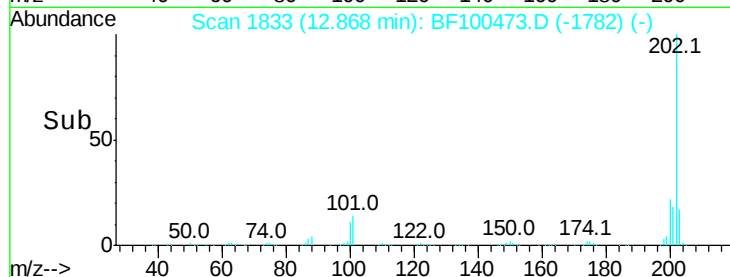
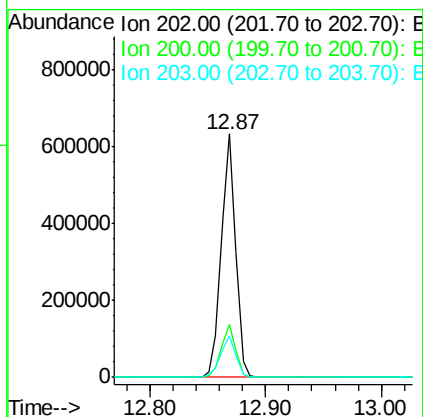
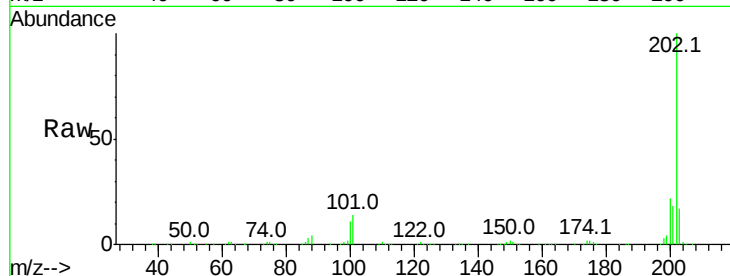




#77
Pvrene
Concen: 29.914 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

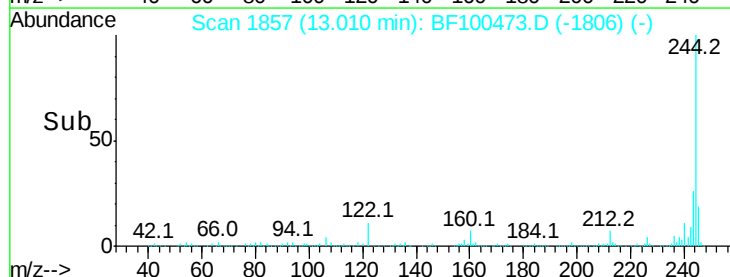
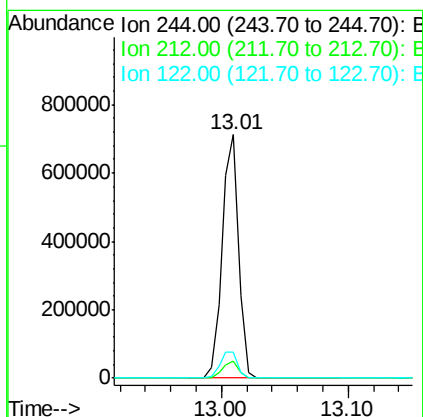
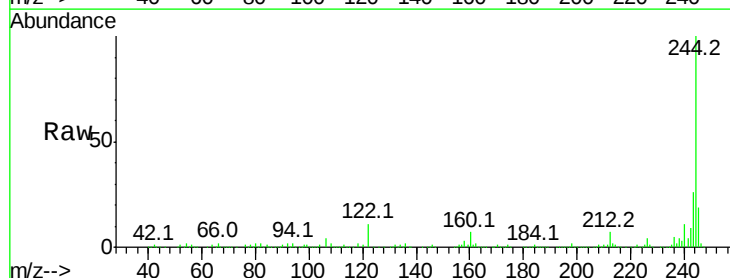
Instrument :
BNA_F
ClientSampleId :
PB104195BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.3	14.3	21.5



#78
Terphenyl-d14
Concen: 57.417 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.9	11.0	16.4#

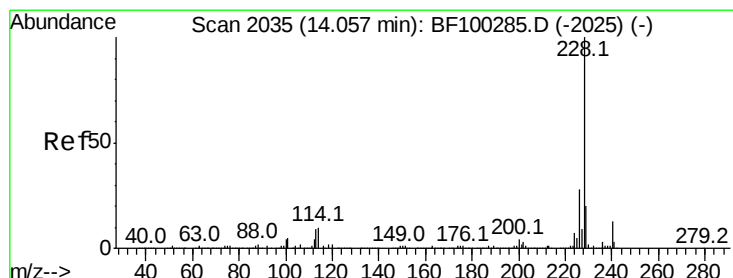
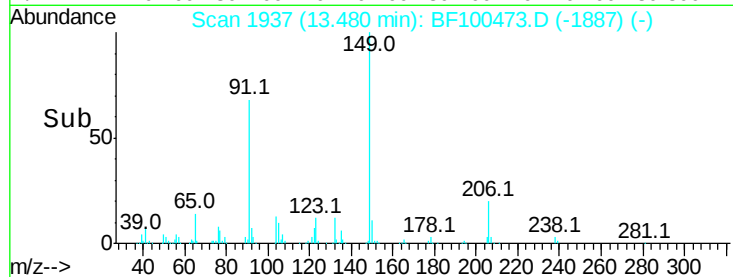
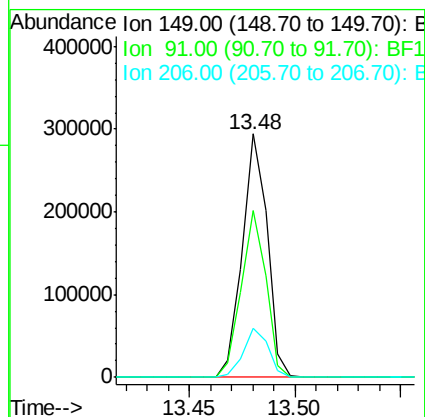
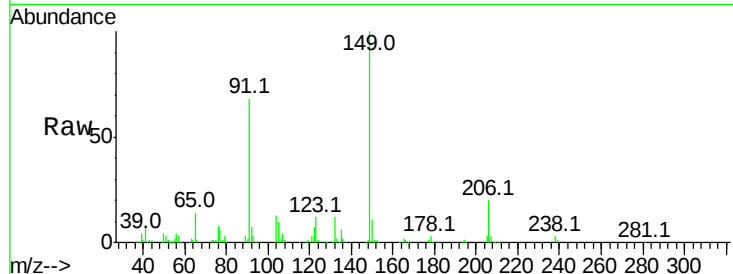




#79
Butylbenzylphthalate
Concen: 32.019 ng
RT: 13.48 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

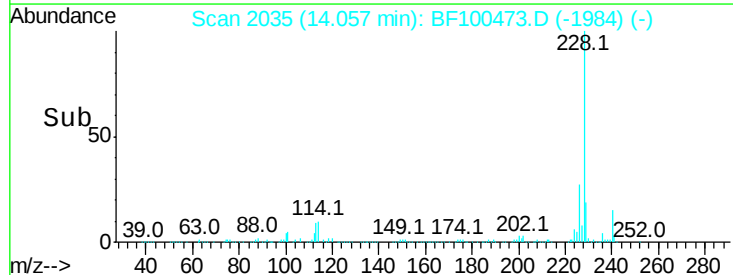
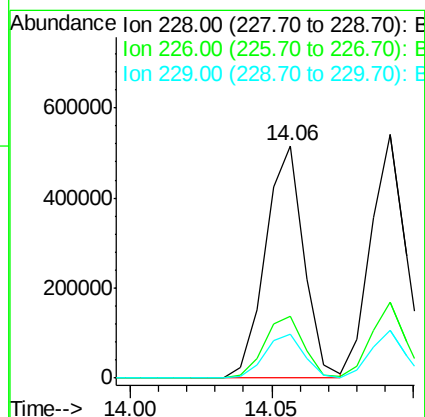
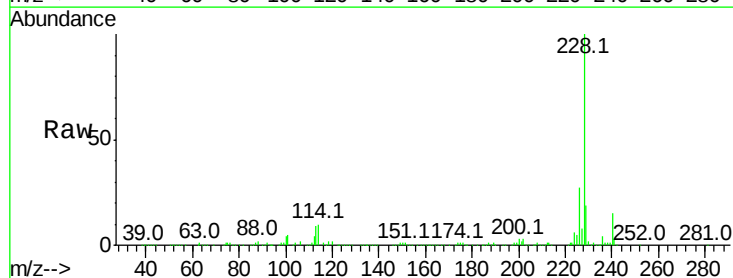
Instrument :
BNA_F
ClientSampleId :
PB104195BSD

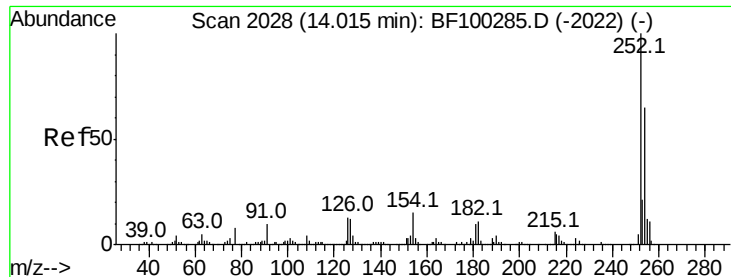
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.4	56.8	85.2
206	19.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 31.371 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	19.0	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 14.119 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

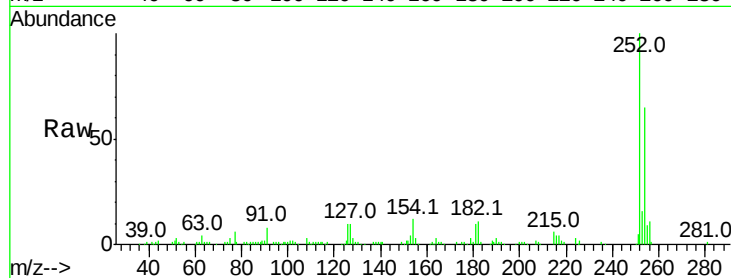
Tot Ion:252 Resp: 78318

Ion Ratio Lower Upper

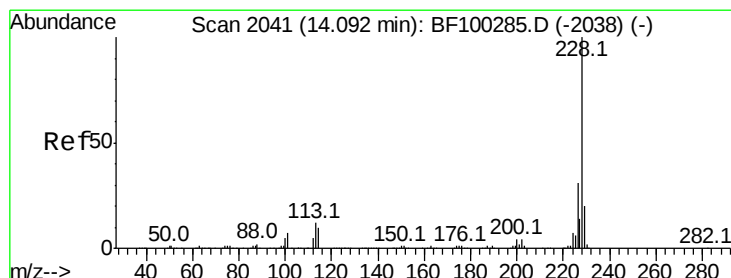
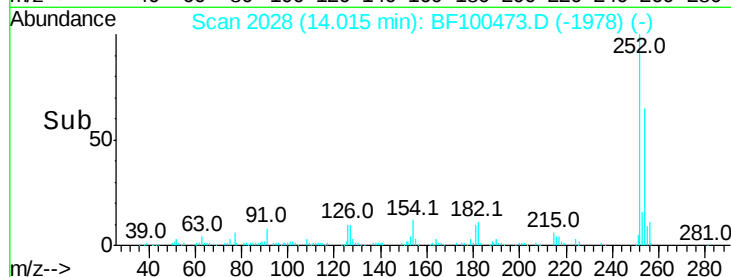
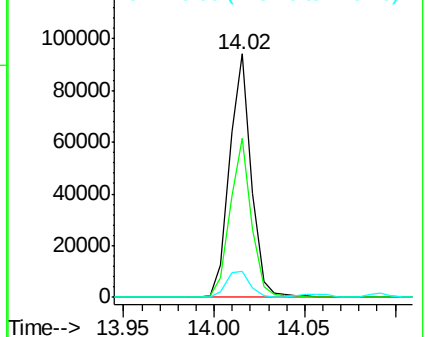
252 100

254 65.1 50.4 75.6

126 10.5 11.3 16.9#



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



#82

Chrysene

Concen: 30.437 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

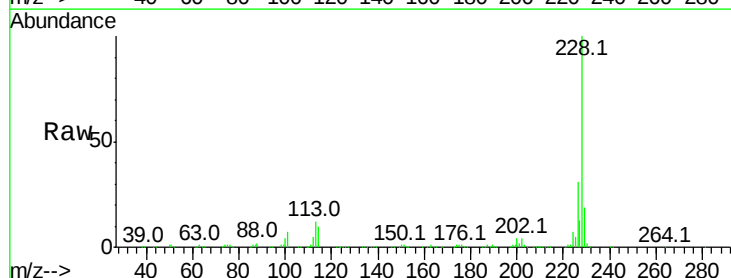
Tgt Ion:228 Resp: 456310

Ion Ratio Lower Upper

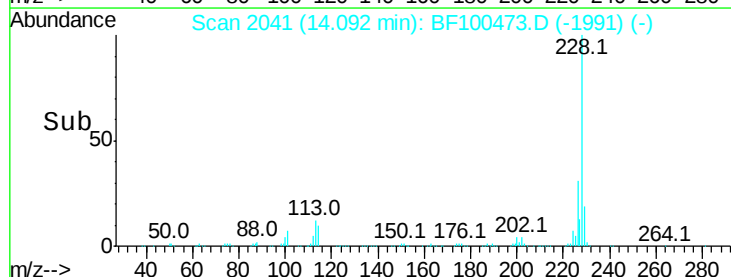
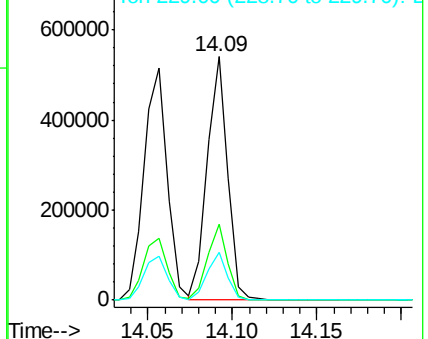
228 100

226 30.9 25.0 37.6

229 19.5 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.193 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

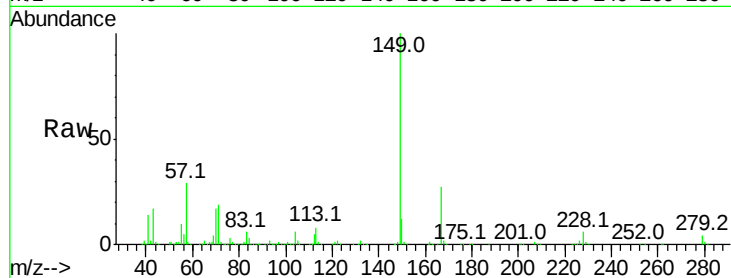
Tot Ion:149 Resp: 336103

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

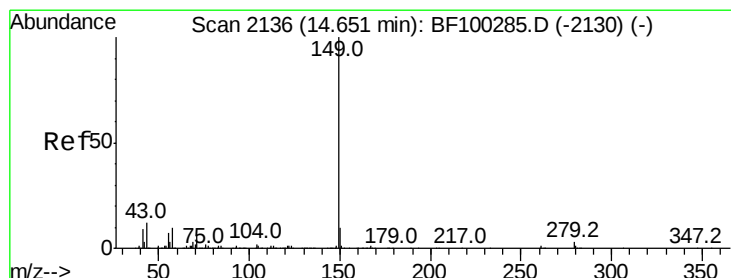
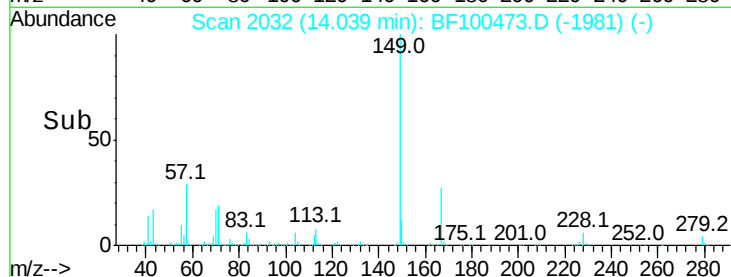
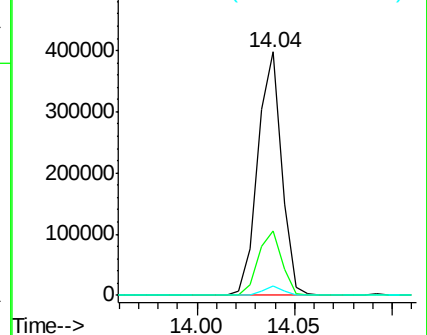
279 3.6 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.481 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

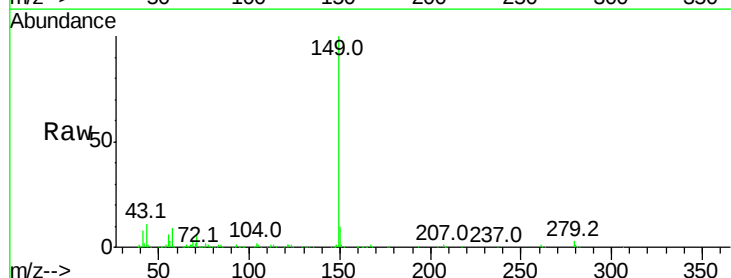
Tgt Ion:149 Resp: 582259

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

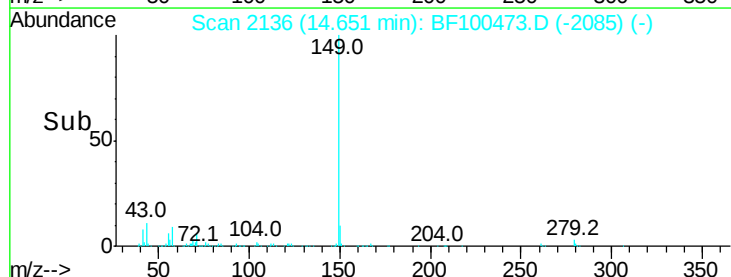
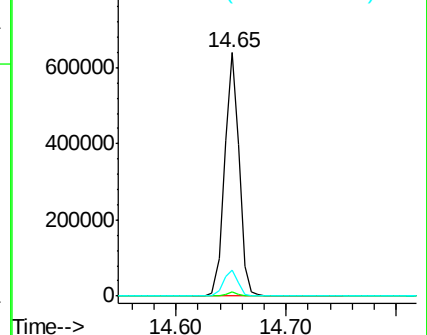
43 10.5 8.4 12.6

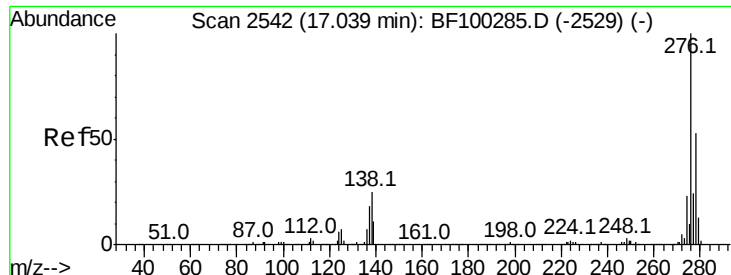


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

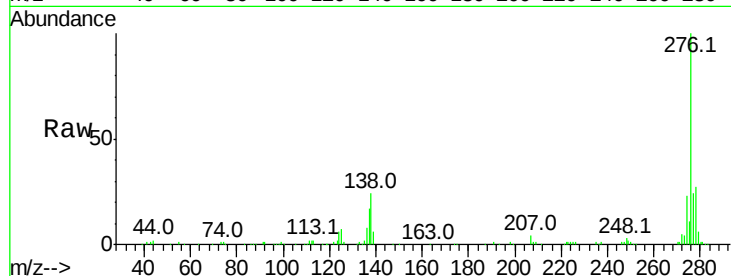




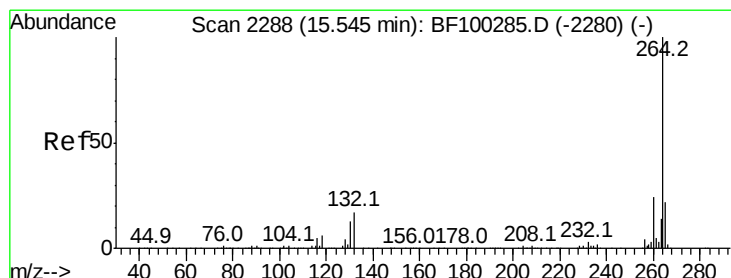
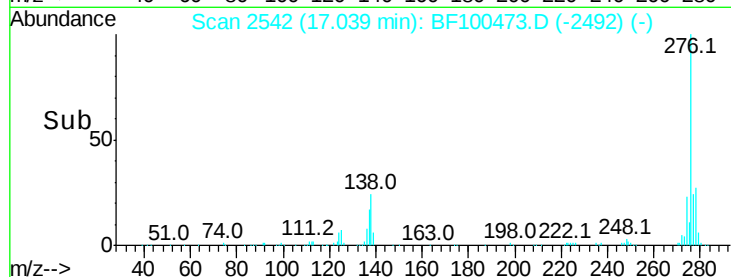
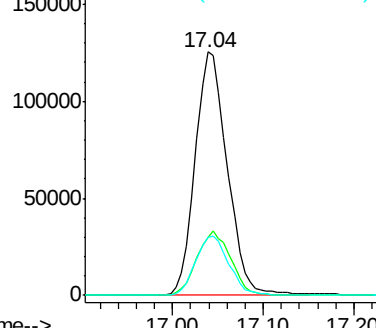
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.502 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Instrument :
BNA_F
ClientSampleId :
PB104195BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.0	37.6
277	25.2	20.1	30.1

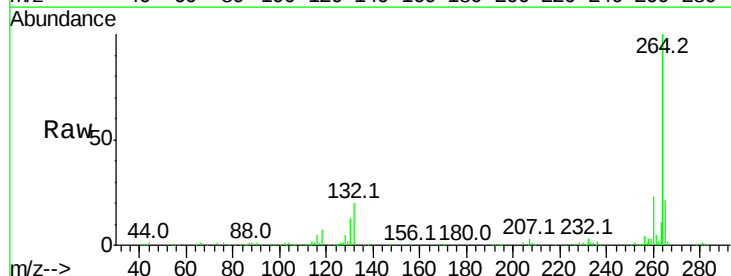


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

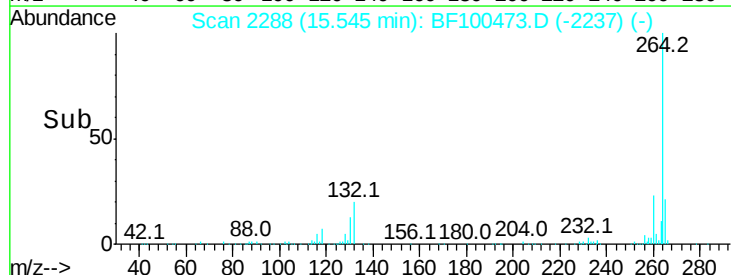
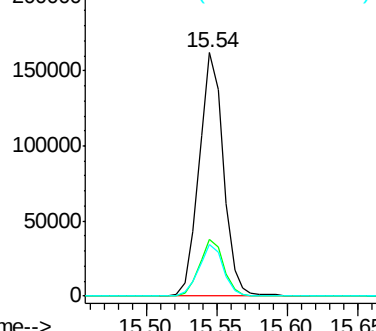


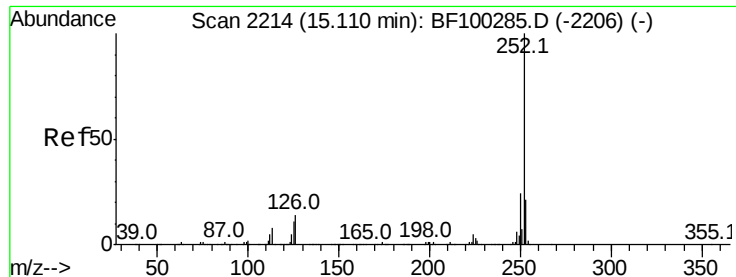
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

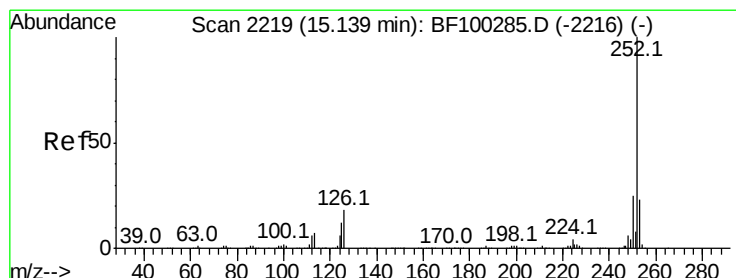
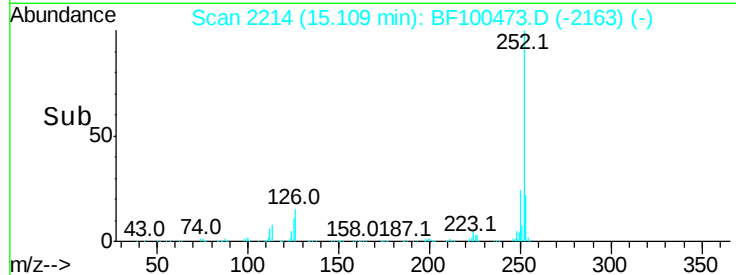
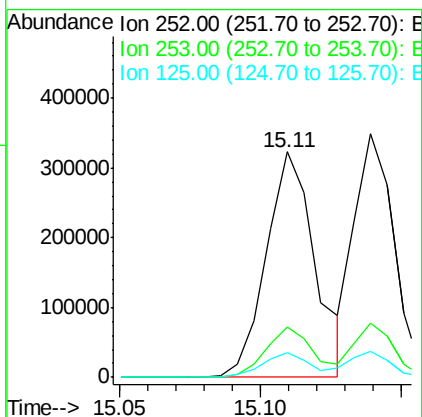
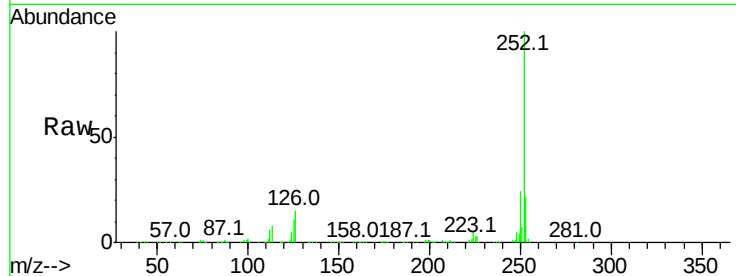




#87
Benzo(b)fluoranthene
Concen: 33.669 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

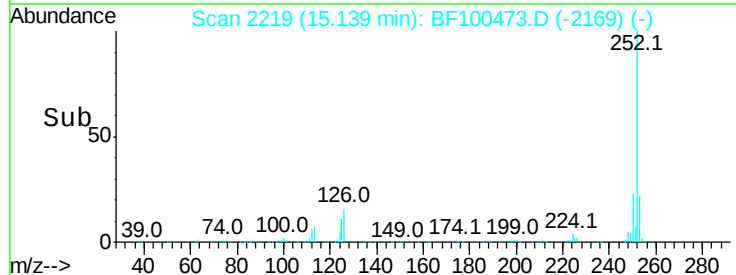
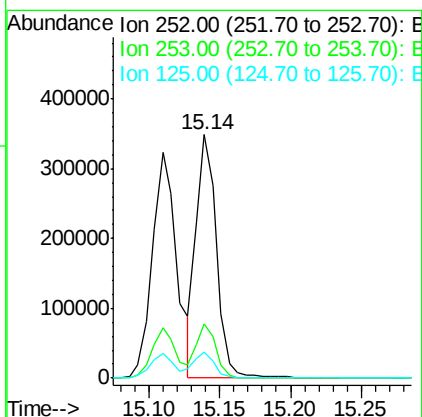
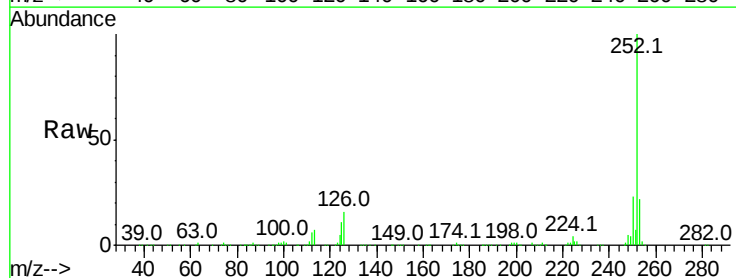
Instrument :
BNA_F
ClientSampleId :
PB104195BSD

Tot Ion:252 Resp: 387670
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 31.839 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF100473.D
Acq: 12 Nov 2017 7:02

Tgt Ion:252 Resp: 346376
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 10.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 32.007 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

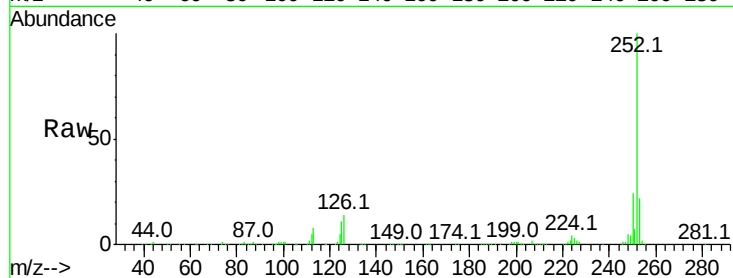
Tot Ion:252 Resp: 326714

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

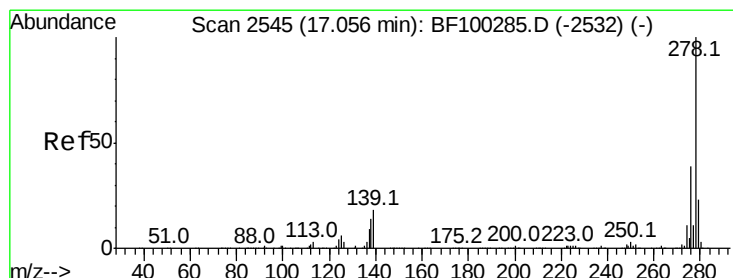
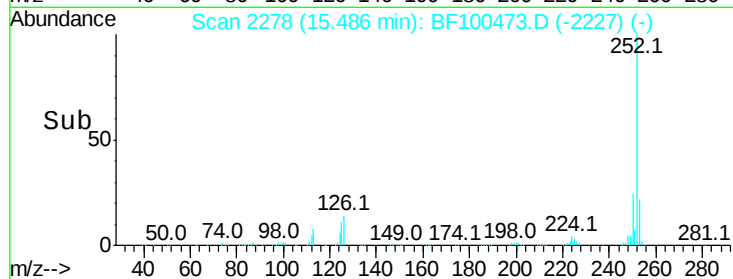
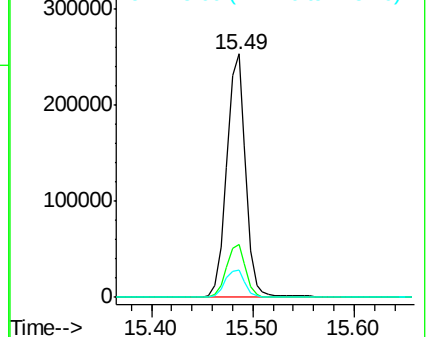
125 11.2 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 30.832 ng

RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

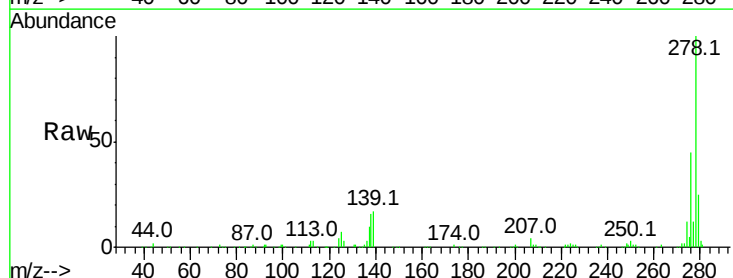
Tgt Ion:278 Resp: 257385

Ion Ratio Lower Upper

278 100

139 16.9 15.9 23.9

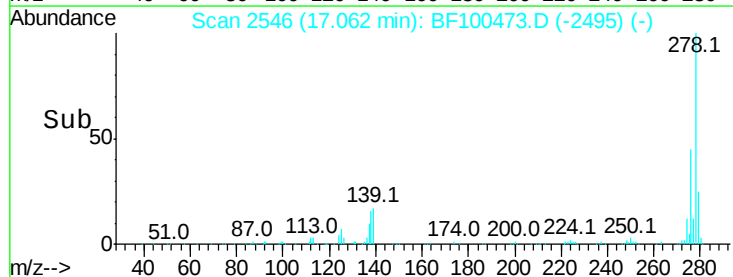
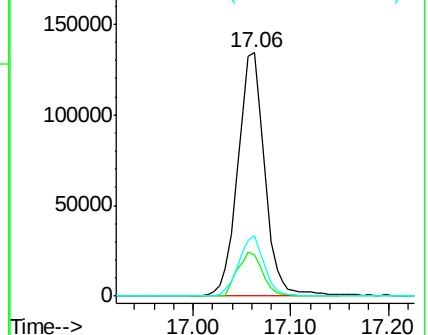
279 24.7 19.0 28.4

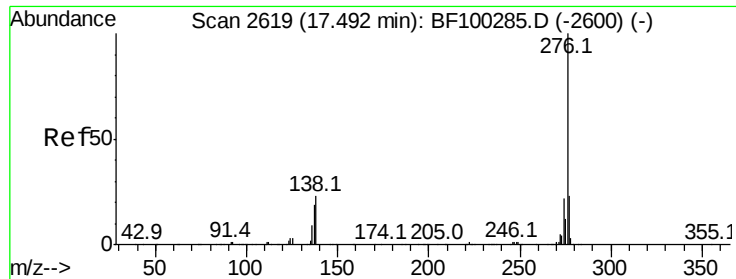


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 30.947 ng

RT: 17.50 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BF100473.D

Acq: 12 Nov 2017 7:02

Instrument :

BNA_F

ClientSampleId :

PB104195BSD

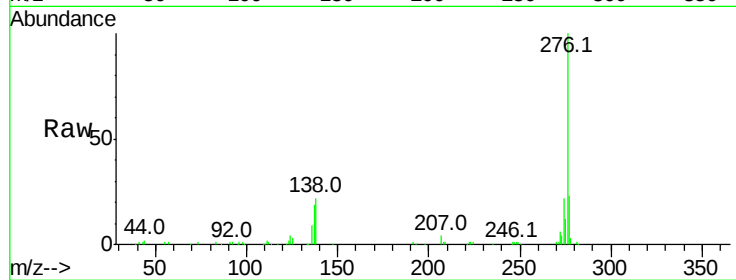
Tot Ion:276 Resp: 252886

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 22.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

