

Data File : BF100472.D
Acq On : 12 Nov 2017 6:36
Operator : SJ/JU
Sample : PB104195BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Quant Time: Nov 13 04:46:08 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	132321	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	514358	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	217466	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	344959	20.00	ng	0.00
75) Chrysene-d12	14.06	240	263972	20.00	ng	0.00
86) Perylene-d12	15.54	264	198298	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	527214	63.87	ng	0.00
7) Phenol-d6	6.52	99	648715	63.73	ng	0.00
23) Nitrobenzene-d5	7.46	82	572827	73.63	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	127915	57.72	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1035317	72.49	ng	0.00
78) Terphenyl-d14	13.01	244	693341	60.35	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.78	88	107330	26.68	ng	94
3) Pyridine	3.54	79	303739	27.68	ng	97
4) n-Nitrosodimethylamine	3.49	42	143339	26.90	ng	98
6) Aniline	6.56	93	82422	5.73	ng	96
8) 2-Chlorophenol	6.69	128	281822	32.27	ng	99
9) Benzaldehyde	6.45	77	139369	19.17	ng	98
10) Phenol	6.54	94	334646	31.32	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	269547	30.03	ng	95
12) 1,3-Dichlorobenzene	6.85	146	310569	30.85	ng	97
13) 1,4-Dichlorobenzene	6.92	146	312557	30.67	ng	96
14) 1,2-Dichlorobenzene	7.07	146	291587	30.95	ng	96
15) Benzyl Alcohol	7.04	79	236452	29.76	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	485468	33.82	ng	98
17) 2-Methylphenol	7.15	107	238116	31.91	ng	98
18) Hexachloroethane	7.42	117	86264	25.68	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	195595	27.71	ng	94
20) 3+4-Methylphenols	7.30	107	290411	30.75	ng	92
22) Acetophenone	7.31	105	373506	29.78	ng	# 97
24) Nitrobenzene	7.48	77	294020	36.72	ng	97
25) Isophorone	7.72	82	531455	32.51	ng	100
26) 2-Nitrophenol	7.80	139	113679	32.26	ng	99
27) 2,4-Dimethylphenol	7.83	122	259751	35.44	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	342636	32.04	ng	99
29) 2,4-Dichlorophenol	8.04	162	232414	33.22	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	241920	31.97	ng	98
31) Naphthalene	8.21	128	782093	31.57	ng	100
32) Benzoic acid	7.90	122	45467	15.89	ng	96
33) 4-Chloroaniline	8.25	127	47952	4.65	ng	97
34) Hexachlorobutadiene	8.32	225	141321	31.41	ng	99
35) Caprolactam	8.57	113	4997	2.08	ng	95
36) 4-Chloro-3-methylphenol	8.73	107	234252	31.17	ng	100
37) 2-Methylnaphthalene	8.90	142	515161	31.32	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	235618	32.67	ng	# 97
40) Hexachlorocyclopentadiene	9.05	237	45821	13.50	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	150882	33.01	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	152588	32.22	ng	95
45) 1,1'-Biphenyl	9.36	154	609137	32.39	ng	98
46) 2-Chloronaphthalene	9.39	162	461060	33.79	ng	98
47) 2-Nitroaniline	9.48	65	148520	37.48	ng	95
48) Acenaphthylene	9.80	152	704833	31.17	ng	99
49) Dimethylphthalate	9.66	163	559709	33.71	ng	100
50) 2,6-Dinitrotoluene	9.72	165	112298	34.17	ng	90
51) Acenaphthene	9.97	154	411600	29.93	ng	99
52) 3-Nitroaniline	9.89	138	62756	16.17	ng	99
53) 2,4-Dinitrophenol	9.99	184	9970	16.86	ng	# 18
54) Dibenzofuran	10.15	168	601876	31.23	ng	99
55) 4-Nitrophenol	10.04	139	157126	49.86	ng	95
56) 2,4-Dinitrotoluene	10.12	165	134709	32.49	ng	# 94
57) Fluorene	10.49	166	433043	30.67	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	111100	28.62	ng	# 87
59) Diethylphthalate	10.36	149	530518	31.93	ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	223239	32.23	ng	91
61) 4-Nitroaniline	10.50	138	106203	28.86	ng	94
62) Azobenzene	10.64	77	467886	29.90	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	9500	13.05	ng	82
65) n-Nitrosodiphenylamine	10.60	169	423522	35.31	ng	97
66) 4-Bromophenyl-phenylether	10.97	248	137262	37.12	ng	# 88
67) Hexachlorobenzene	11.03	284	130018	33.62	ng	92
68) Atrazine	11.12	200	132281	36.43	ng	98
69) Pentachlorophenol	11.23	266	117280	42.29	ng	98
70) Phenanthrene	11.45	178	584802	32.20	ng	99
71) Anthracene	11.50	178	592841	32.17	ng	99
72) Carbazole	11.66	167	526834	30.99	ng	99
73) Di-n-butylphthalate	11.98	149	727381	36.56	ng	99
74) Fluoranthene	12.64	202	576121	29.93	ng	97
76) Benzidine	12.76	184	233989	22.13	ng	99
77) Pyrene	12.87	202	588153	31.26	ng	99
79) Butylbenzylphthalate	13.48	149	257574	33.57	ng	97
80) Benzo(a)anthracene	14.06	228	520605	32.75	ng	99
81) 3,3'-Dichlorobenzidine	14.02	252	77994	13.69	ng	# 98
82) Chrysene	14.09	228	494942	32.15	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	369342	36.59	ng	99
84) Di-n-octyl phthalate	14.65	149	623173	35.94	ng	100
85) Indeno(1,2,3-cd)pyrene	17.04	276	336208	27.00	ng	96
87) Benzo(b)fluoranthene	15.11	252	419217	35.68	ng	99
88) Benzo(k)fluoranthene	15.14	252	370364	33.37	ng	97
89) Benzo(a)pyrene	15.49	252	347346	33.35	ng	98
90) Dibenzo(a,h)anthracene	17.06	278	282837	33.21	ng	97
91) Benzo(g,h,i)perylene	17.50	276	276033	33.11	ng	94

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

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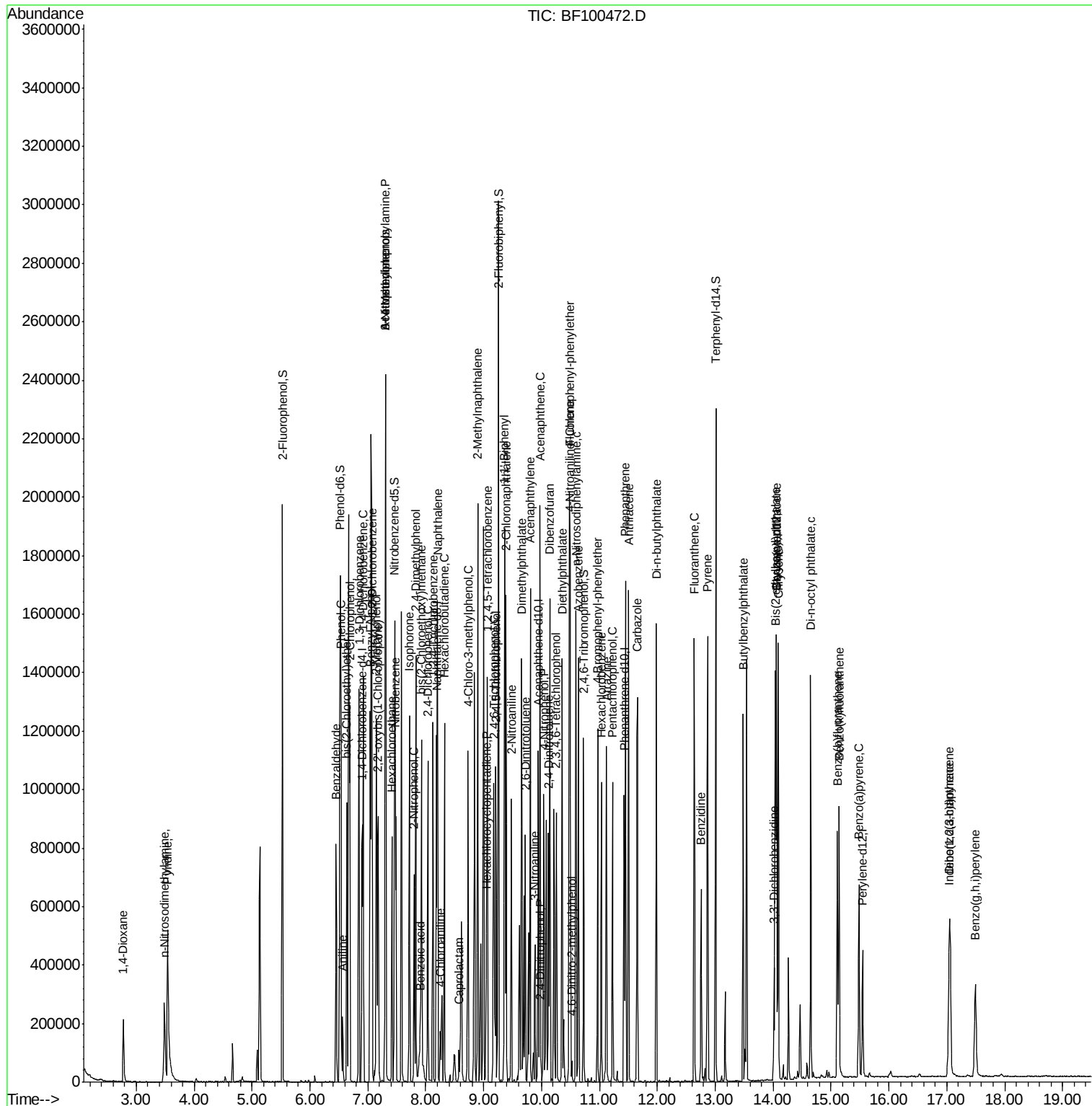
Quant Time: Nov 13 04:46:08 2017

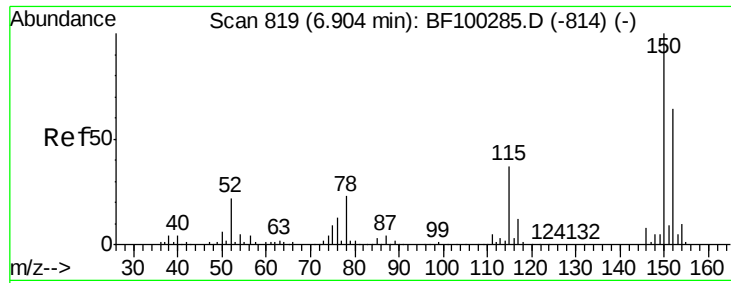
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

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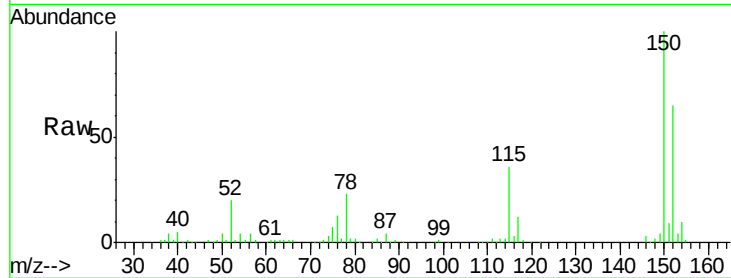
Tgt Ion:152 Resp: 132321

Ion Ratio Lower Upper

152 100

150 153.3 124.6 186.8

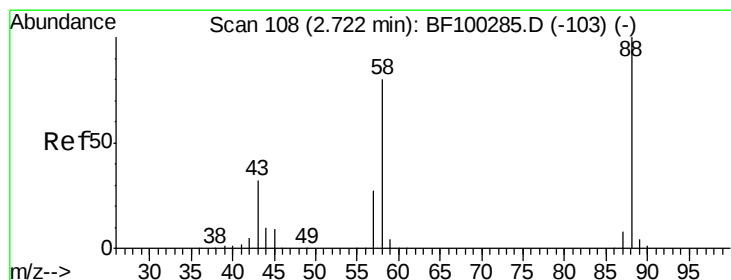
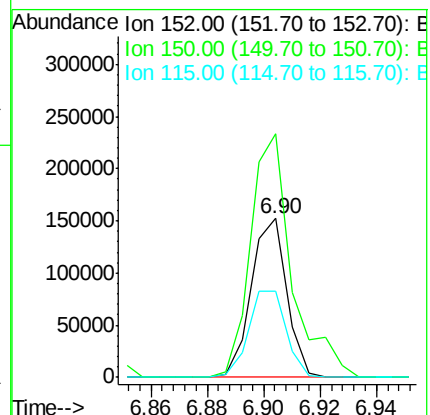
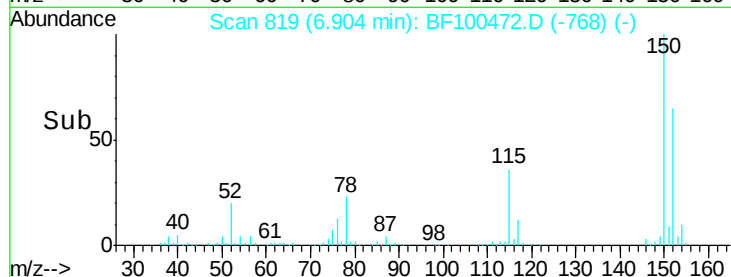
115 54.5 50.1 75.1



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: 26.68 ng

RT: 2.78 min Scan# 117

Delta R.T. 0.07 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

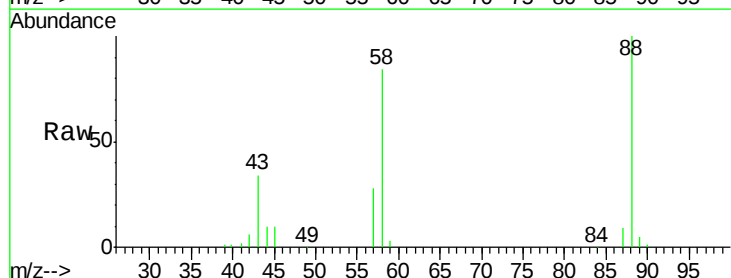
Tgt Ion: 88 Resp: 107330

Ion Ratio Lower Upper

88 100

58 84.9 62.6 93.8

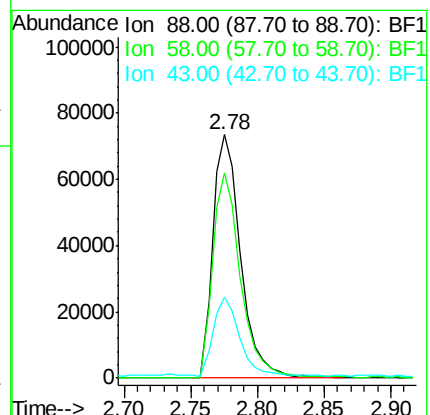
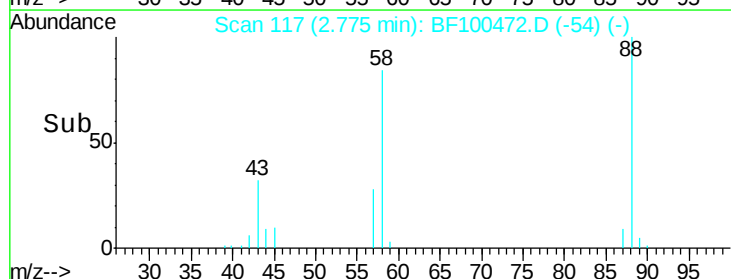
43 30.8 24.6 37.0

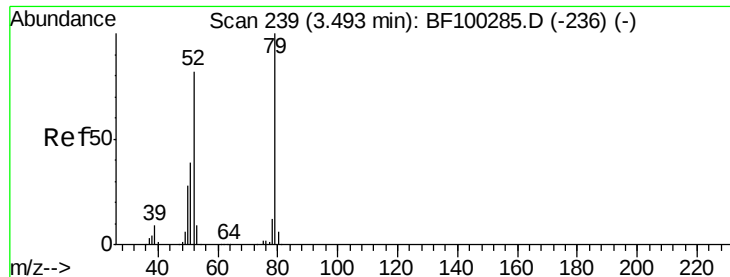


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 27.68 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.06 min

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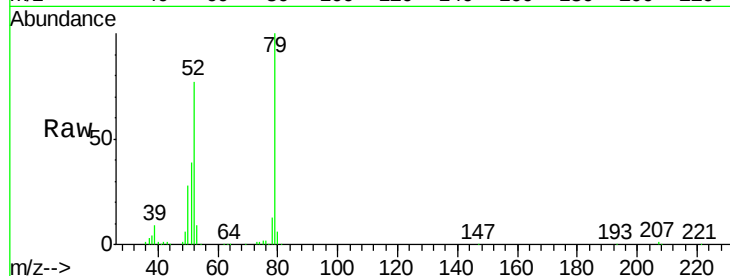
Tgt Ion: 79 Resp: 303739

Ion Ratio Lower Upper

79 100

52 77.1 59.8 89.6

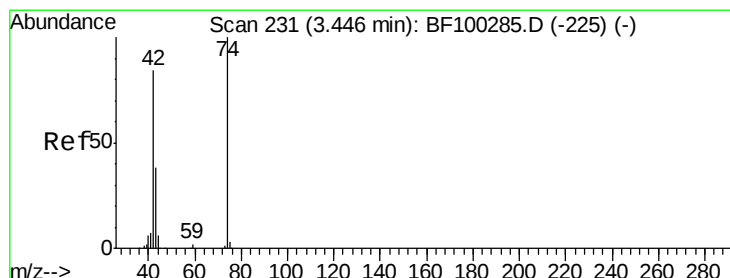
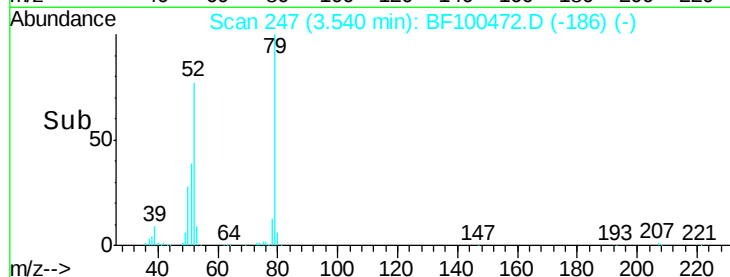
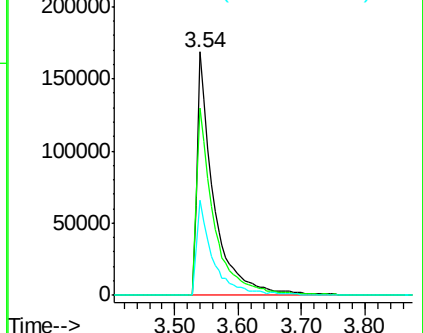
51 38.9 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 26.90 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.05 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

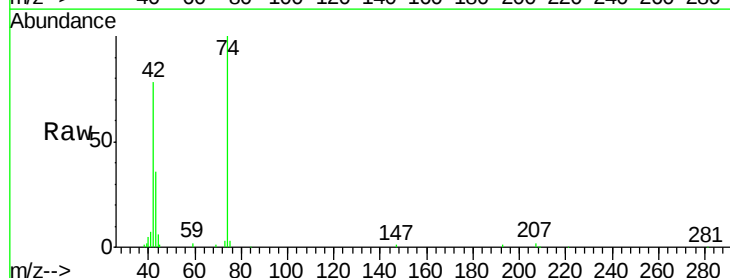
Tgt Ion: 42 Resp: 143339

Ion Ratio Lower Upper

42 100

74 128.3 104.9 157.3

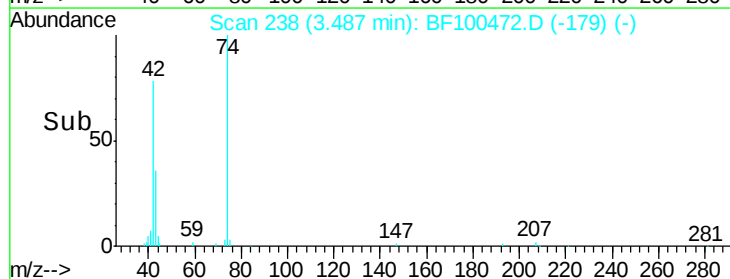
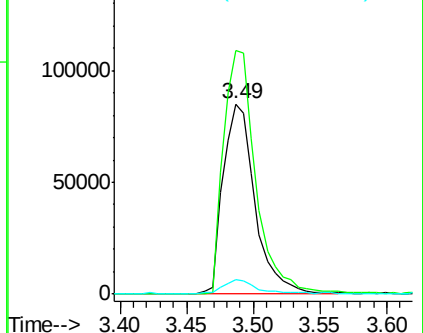
44 7.6 6.9 10.3

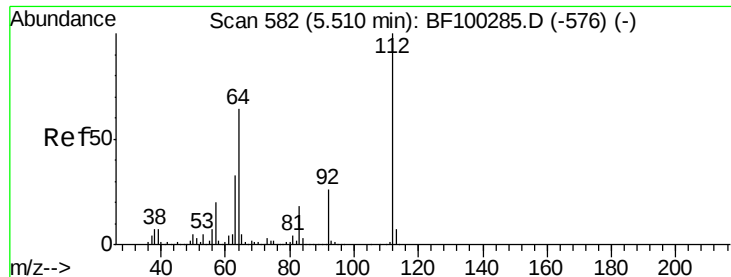


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 63.87 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

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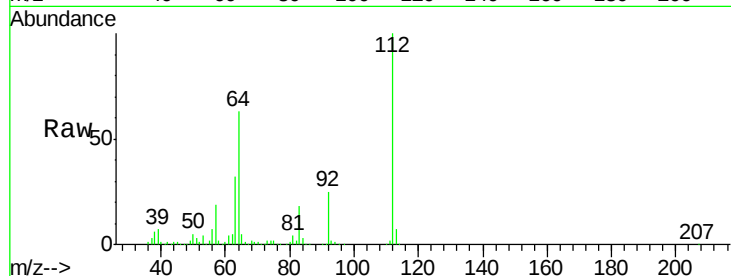
Tgt Ion: 112 Resp: 527214

Ion Ratio Lower Upper

112 100

64 62.5 47.9 71.9

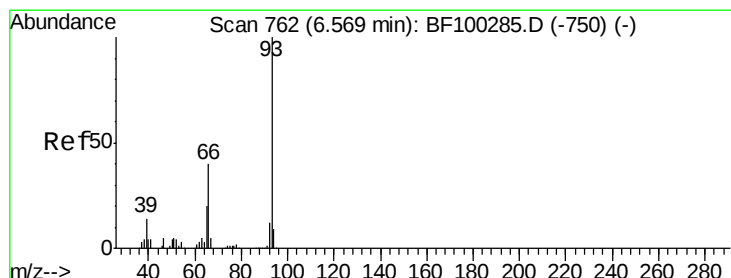
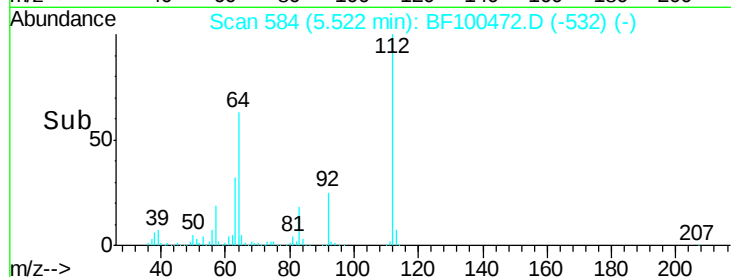
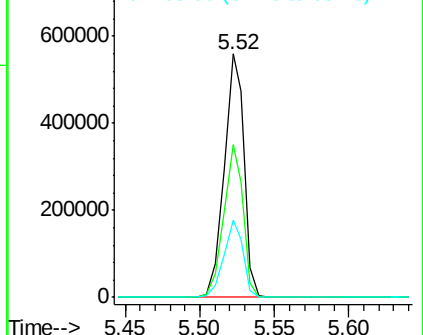
63 31.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.73 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

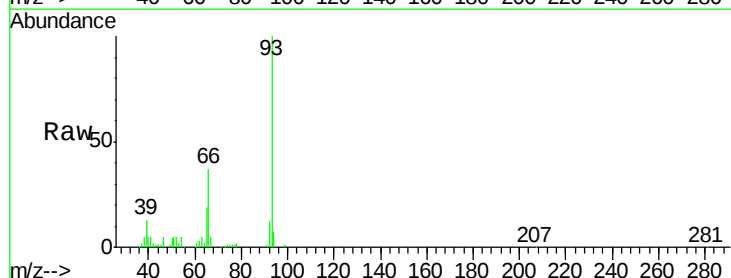
Tgt Ion: 93 Resp: 82422

Ion Ratio Lower Upper

93 100

66 37.0 32.2 48.2

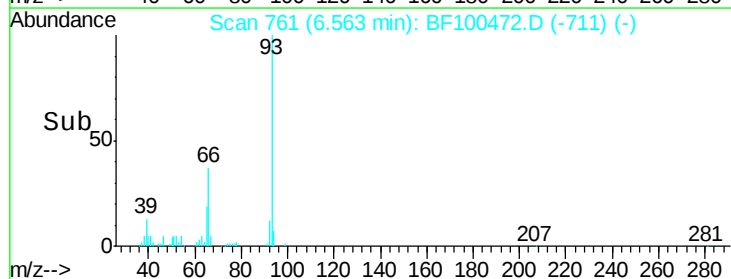
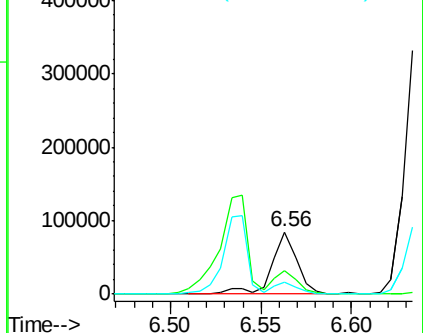
65 19.3 16.4 24.6

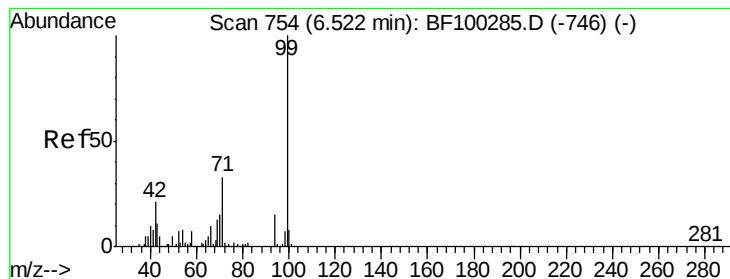


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 63.73 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

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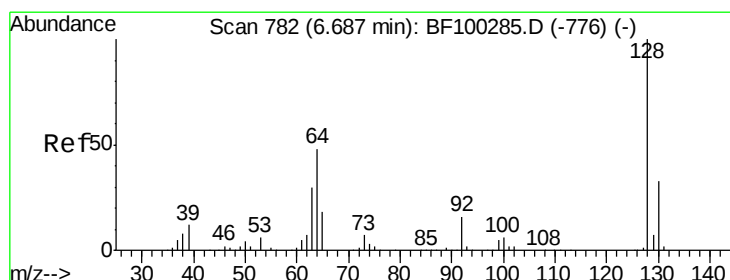
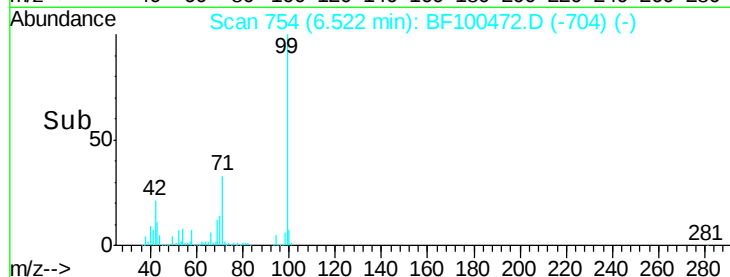
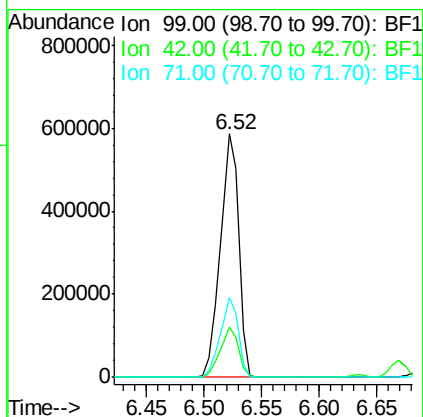
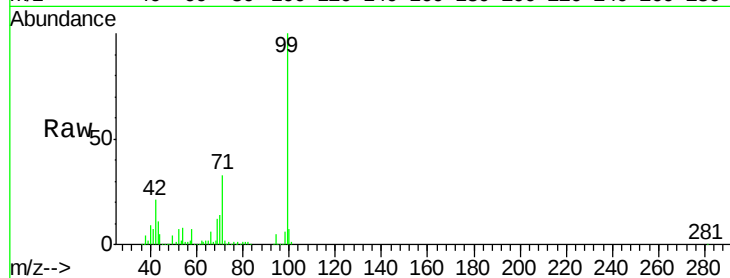
Tgt Ion: 99 Resp: 648715

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 32.7 25.4 38.0



#8

2-Chlorophenol

Concen: 32.27 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

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Acq: 12 Nov 2017 6:36

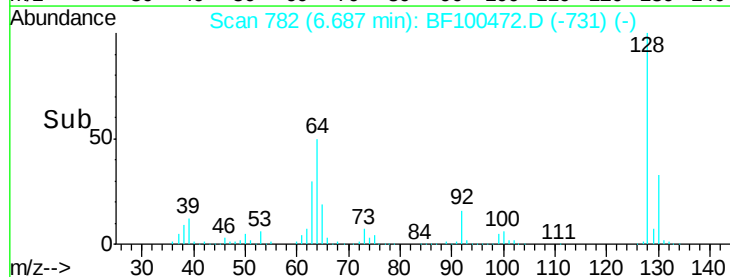
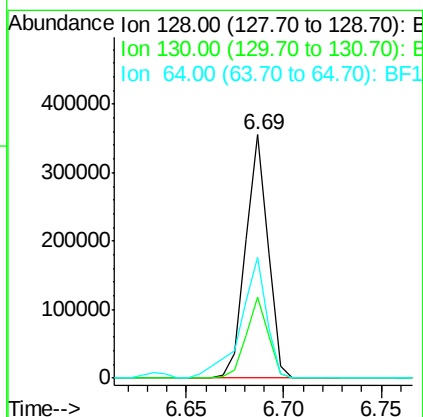
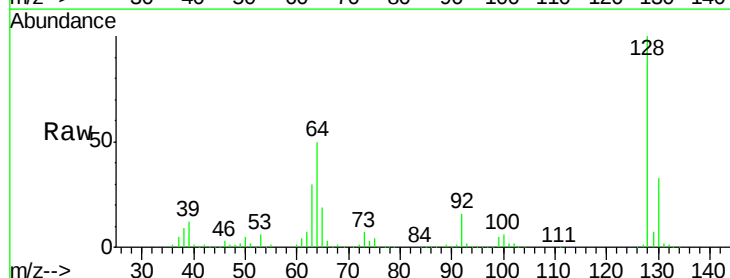
Tgt Ion: 128 Resp: 281822

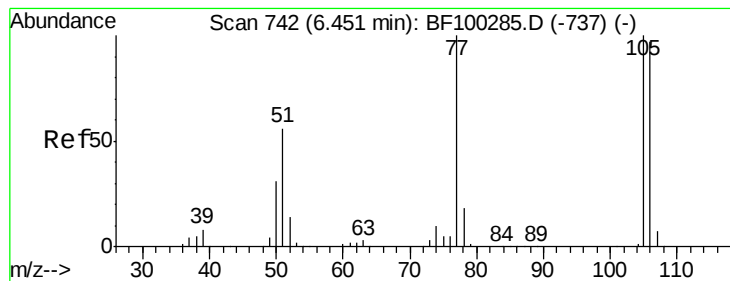
Ion Ratio Lower Upper

128 100

130 33.4 13.0 53.0

64 49.8 29.4 69.4





#9

Benzaldehyde

Concen: 19.17 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

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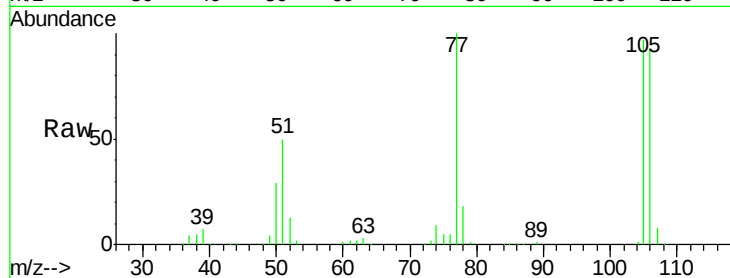
Tgt Ion: 77 Resp: 139369

Ion Ratio Lower Upper

77 100

105 97.4 81.1 121.1

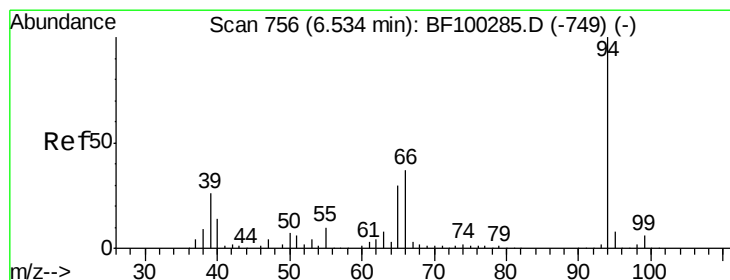
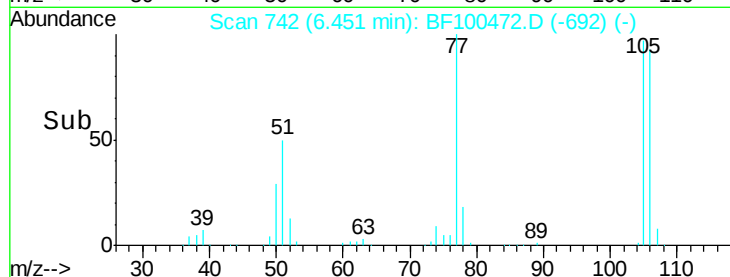
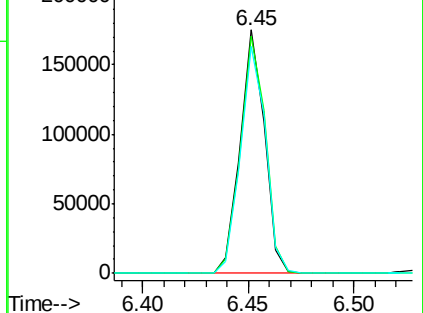
106 93.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.32 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

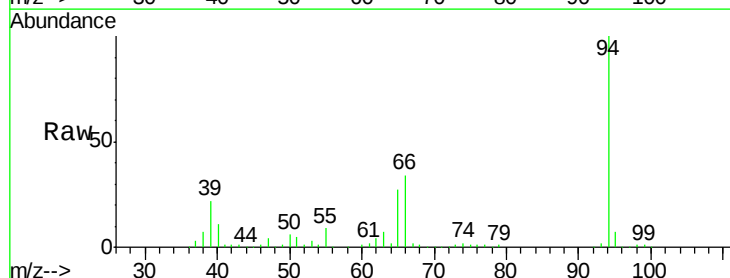
Tgt Ion: 94 Resp: 334646

Ion Ratio Lower Upper

94 100

65 26.8 7.9 47.9

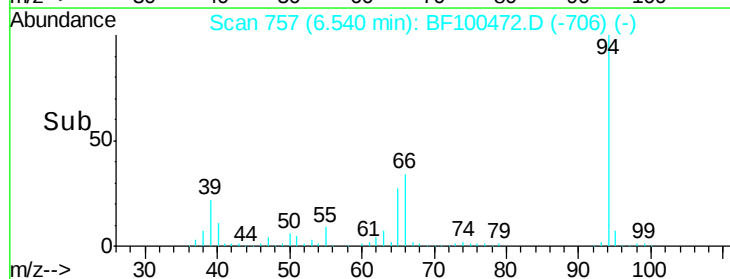
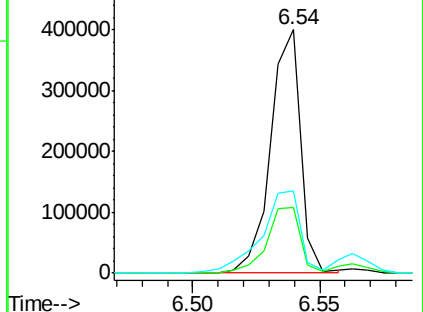
66 33.7 16.2 56.2

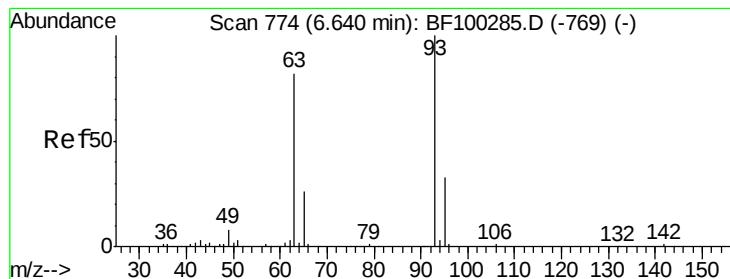


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 30.03 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

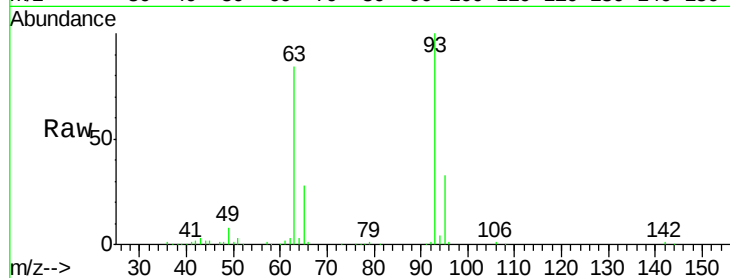
Tgt Ion: 93 Resp: 269547

Ion Ratio Lower Upper

93 100

63 84.3 58.6 98.6

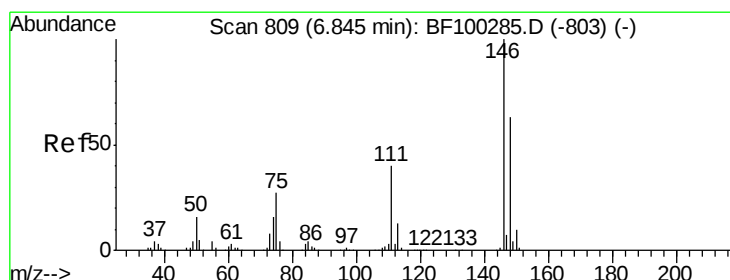
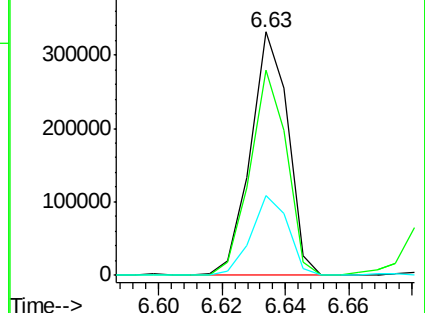
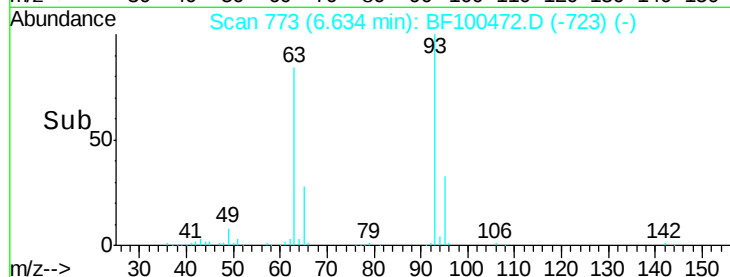
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 30.85 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

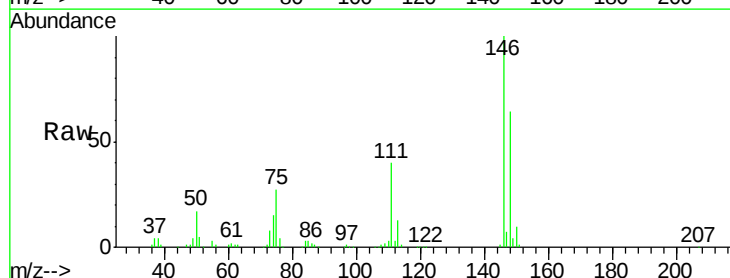
Tgt Ion: 146 Resp: 310569

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.8

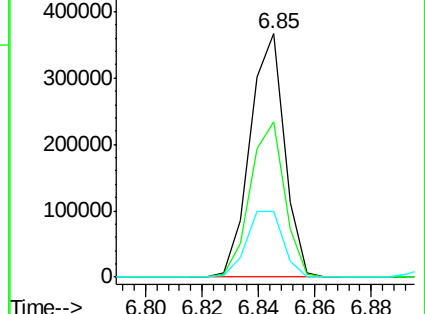
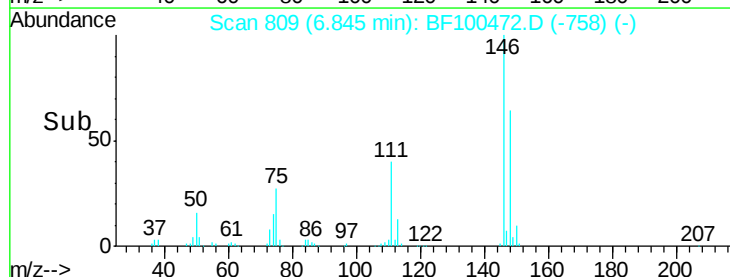
75 27.1 24.2 36.4

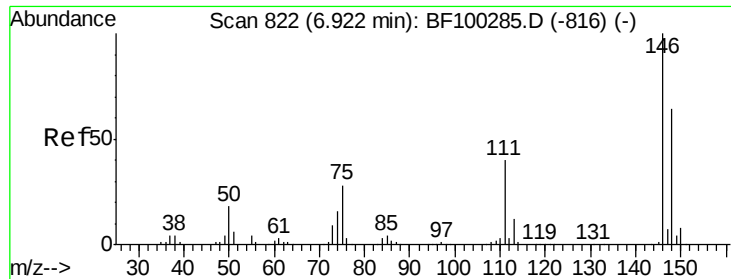


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

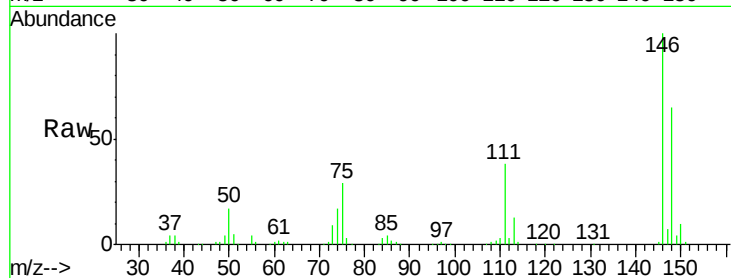




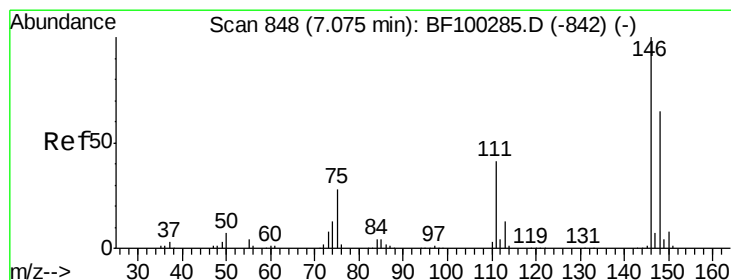
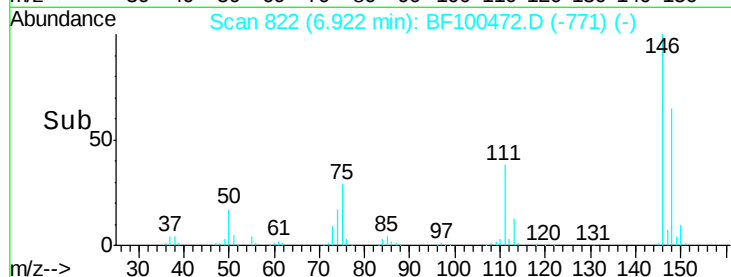
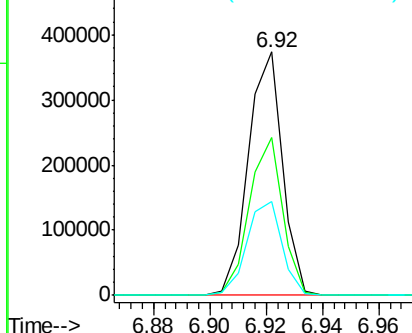
#13
 1,4-Dichlorobenzene
 Concen: 30.67 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	38.3	34.2	51.2

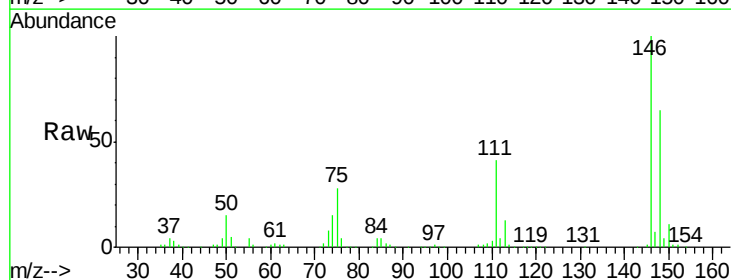


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

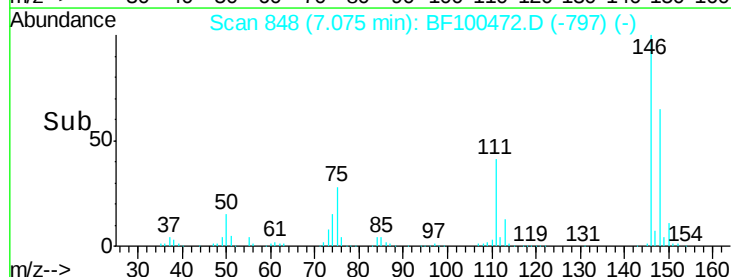
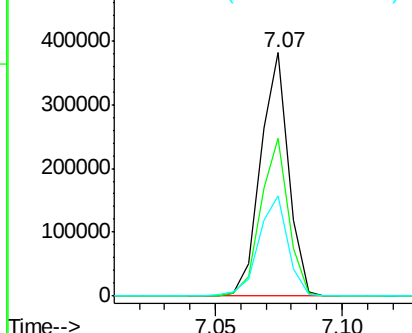


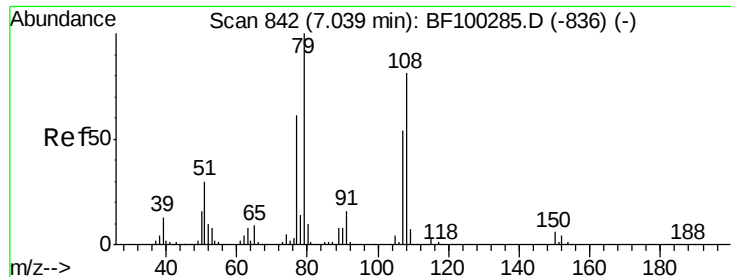
#14
 1,2-Dichlorobenzene
 Concen: 30.95 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.6	75.8
111	41.4	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: 29.76 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

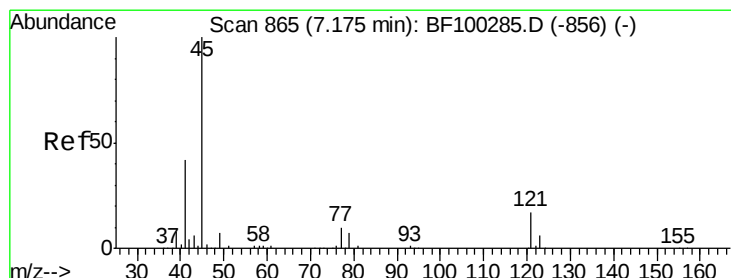
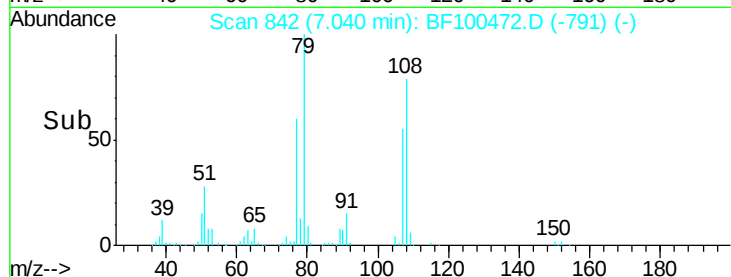
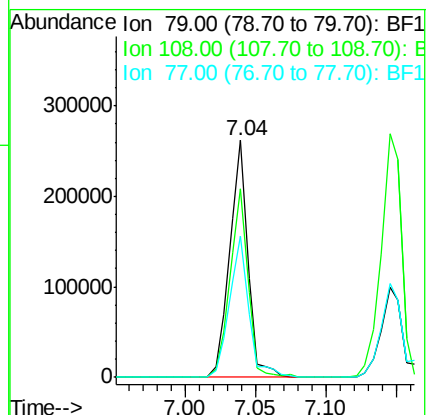
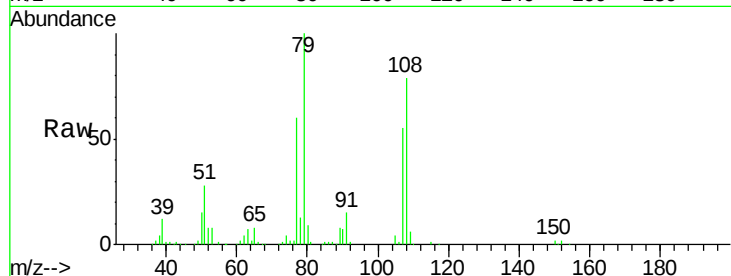
Tgt Ion: 79 Resp: 236452

Ion Ratio Lower Upper

79 100

108 79.5 65.1 97.7

77 59.8 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.82 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

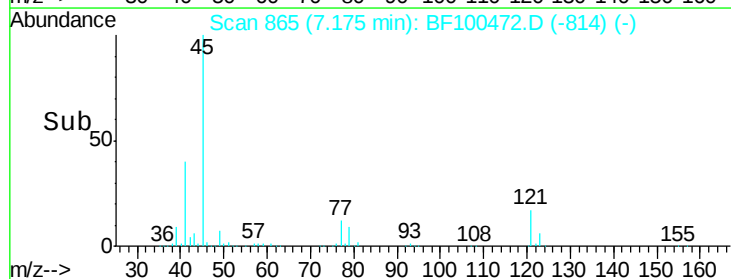
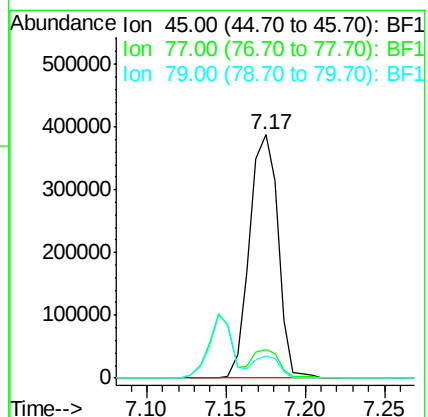
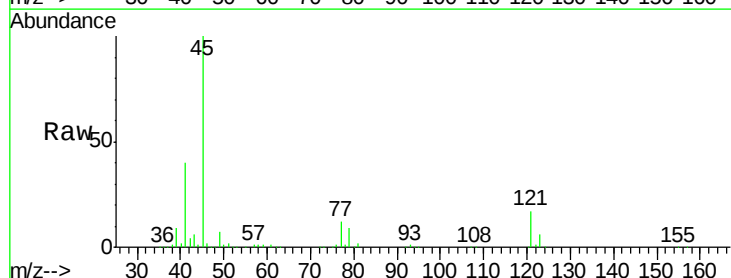
Tgt Ion: 45 Resp: 485468

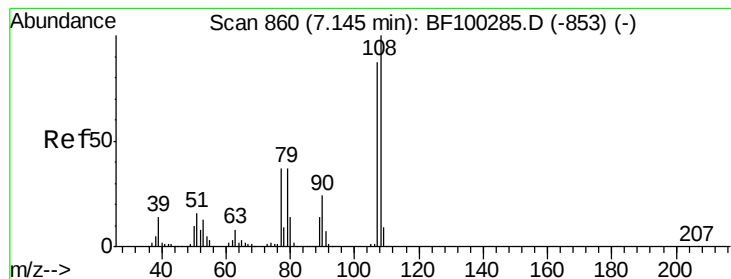
Ion Ratio Lower Upper

45 100

77 11.8 0.0 32.9

79 9.4 0.0 29.6





#17

2-Methylphenol

Concen: 31.91 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

Tgt Ion:107 Resp: 238116

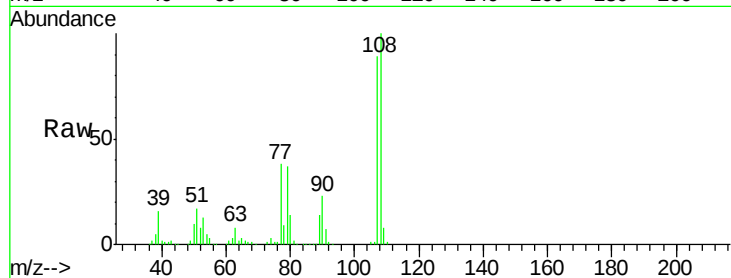
Ion Ratio Lower Upper

107 100

108 112.5 91.7 137.5

77 43.2 33.8 50.8

79 41.7 33.8 50.8

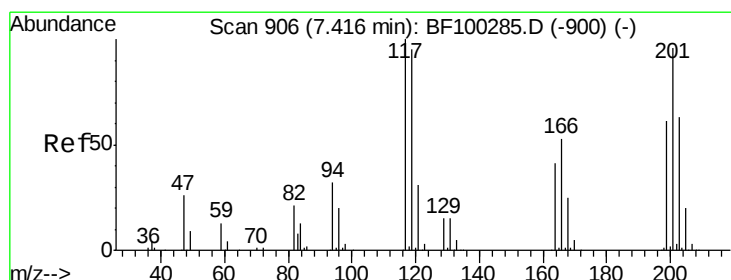
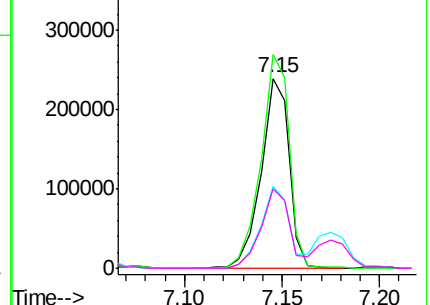
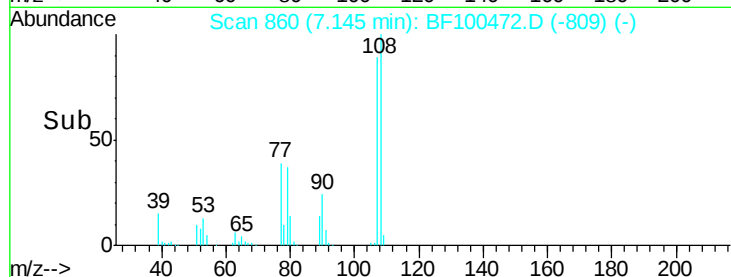


Abundance Ion 107.00 (106.70 to 107.70): E

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: 25.68 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

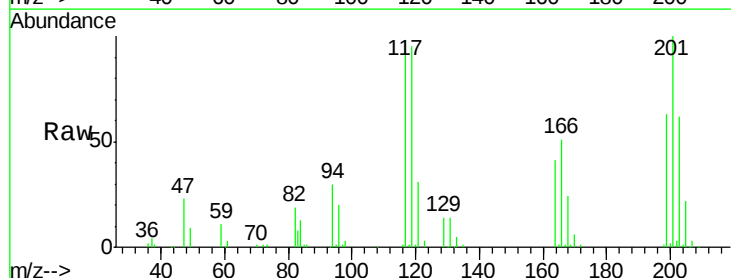
Tgt Ion:117 Resp: 86264

Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.8

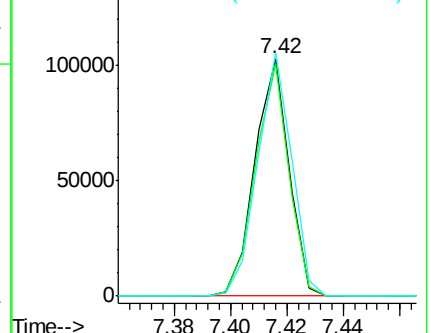
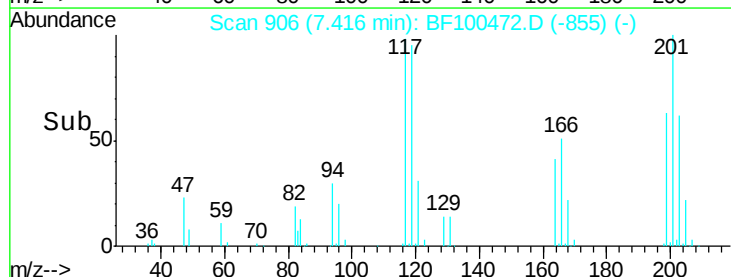
201 102.5 75.7 113.5

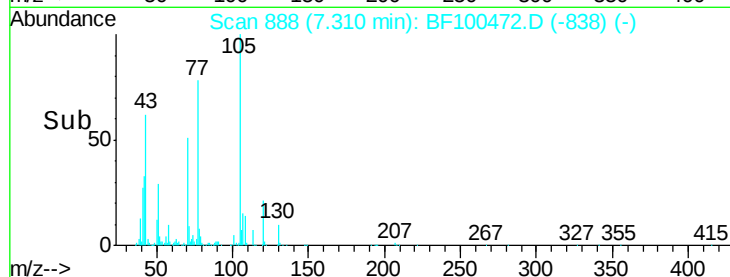
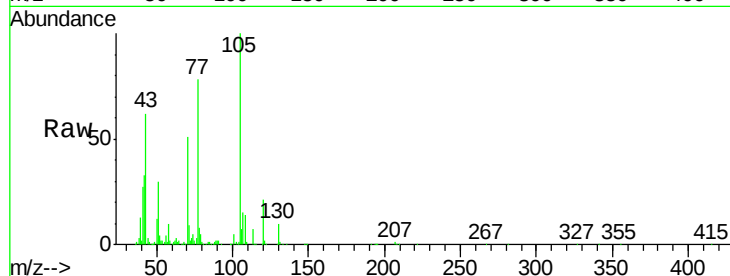
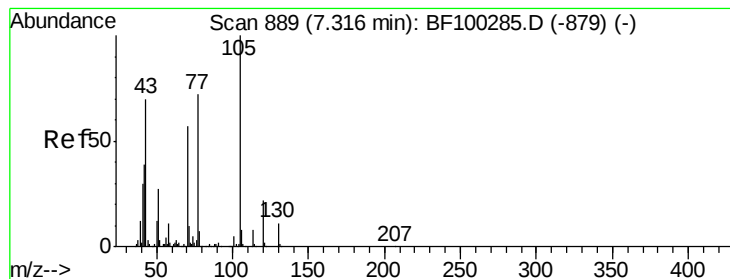


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

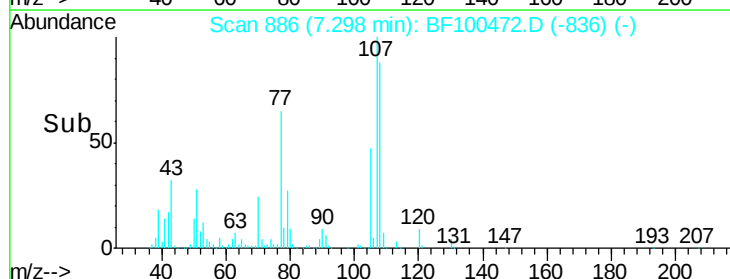
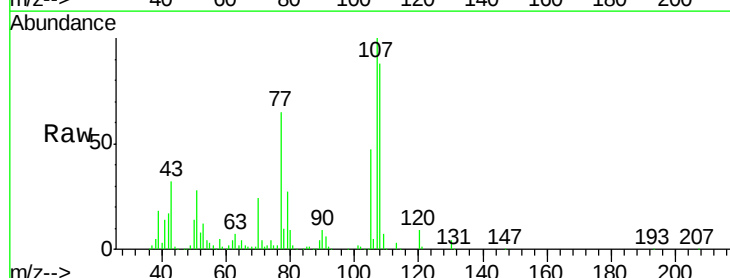
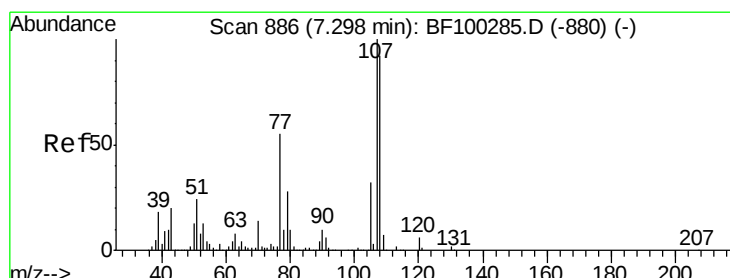
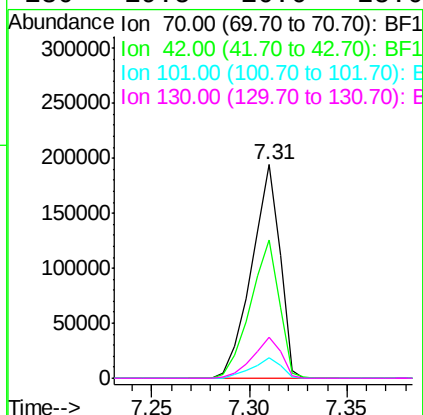




#19
n-Nitroso-di-n-propylamine
Concen: 27.71 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

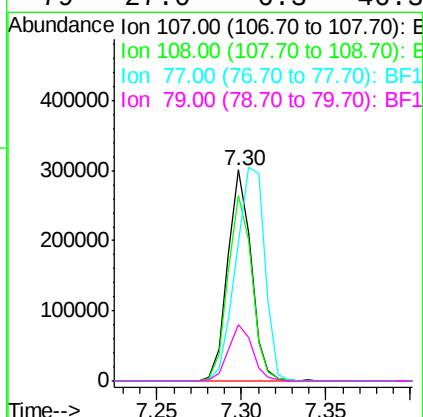
Instrument :
BNA_F
ClientSampleId :
PB104195BS

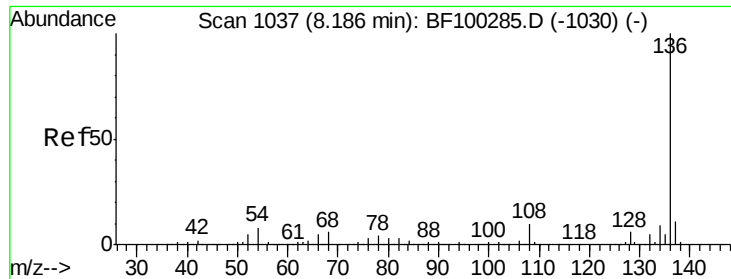
Tgt Ion:	70	Resp:	195595
Ion	Ratio	Lower	Upper
70	100		
42	65.0	47.5	71.3
101	9.6	7.4	11.2
130	19.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 30.75 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion:	107	Resp:	290411
Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	65.5	26.7	66.7
79	27.0	6.3	46.3

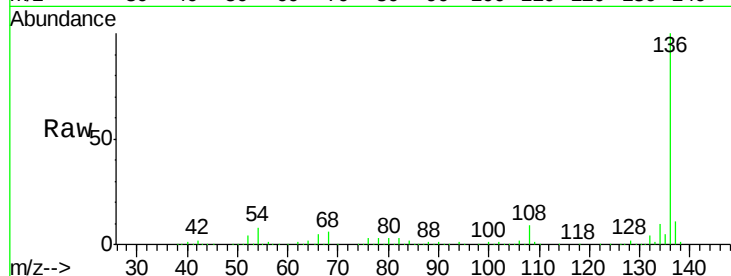




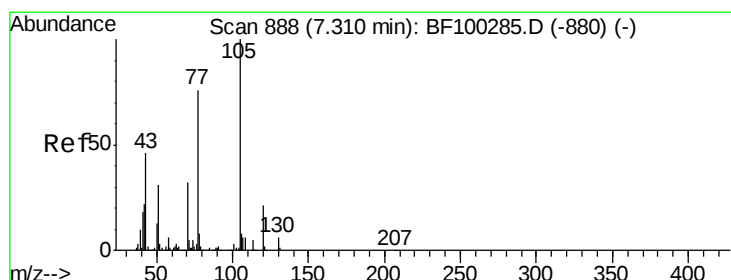
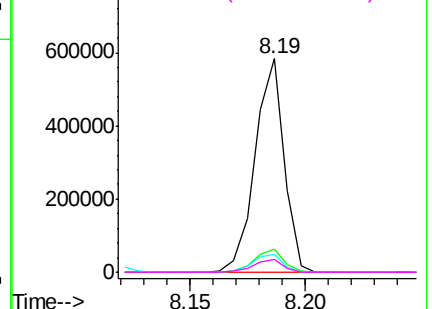
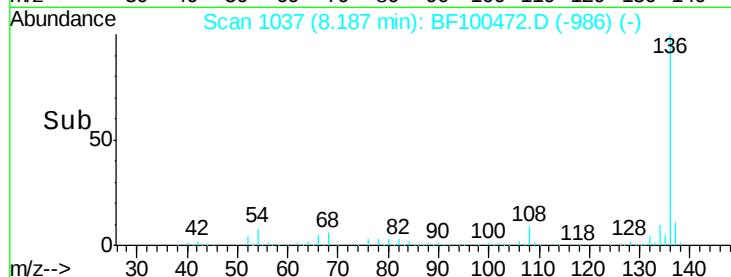
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tgt Ion:	136	Resp:	514358
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.4	6.6	9.8
68	6.2	5.0	7.4

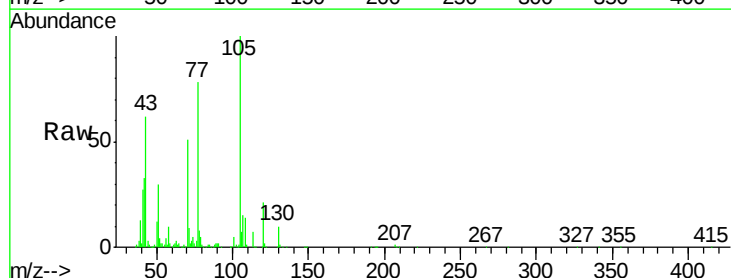


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

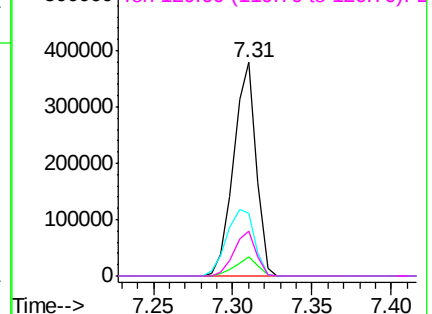
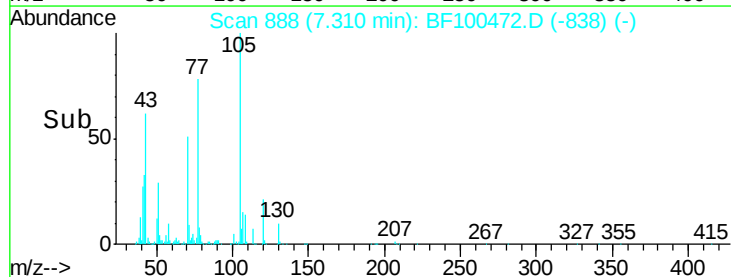


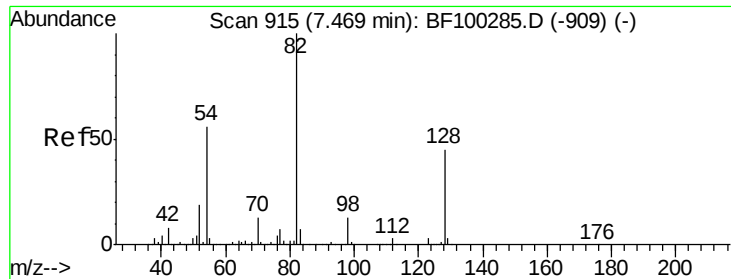
#22
Acetophenone
Concen: 29.78 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion:	105	Resp:	373506
Ion Ratio	Lower	Upper	
105	100		
71	8.7	4.4	6.6#
51	29.6	22.3	33.5
120	21.1	16.9	25.3



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

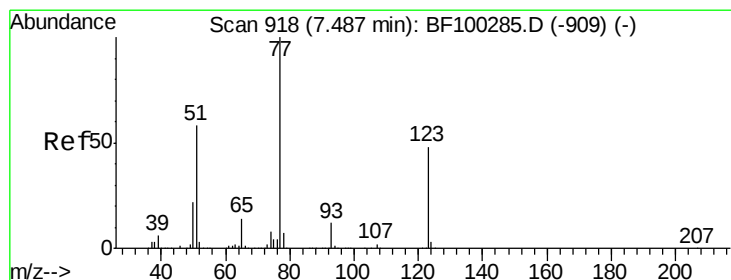
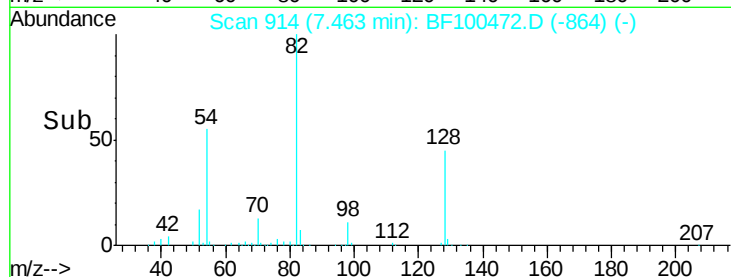
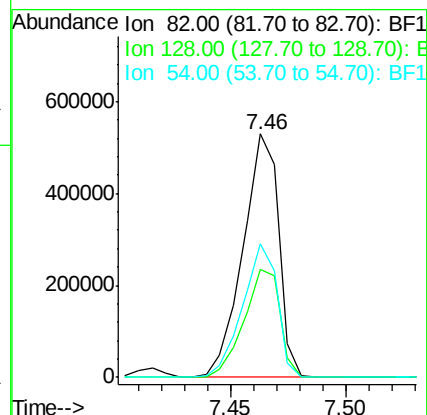
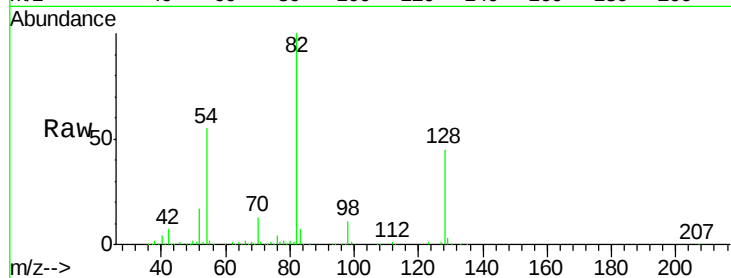




#23
 Nitrobenzene-d5
 Concen: 73.63 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

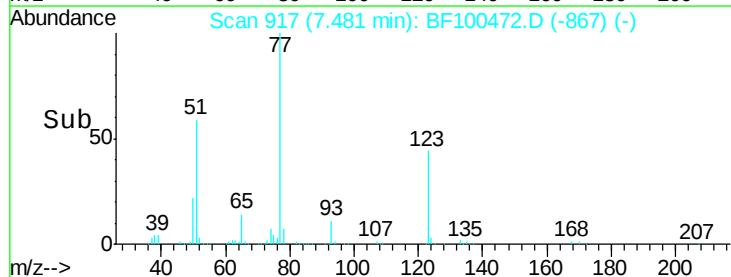
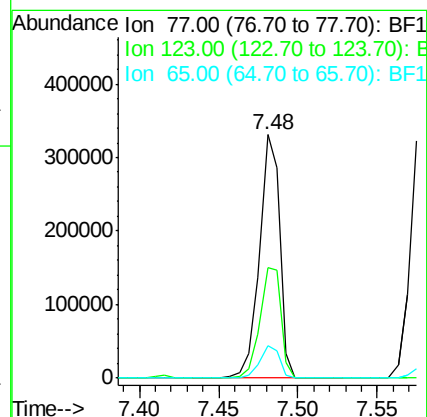
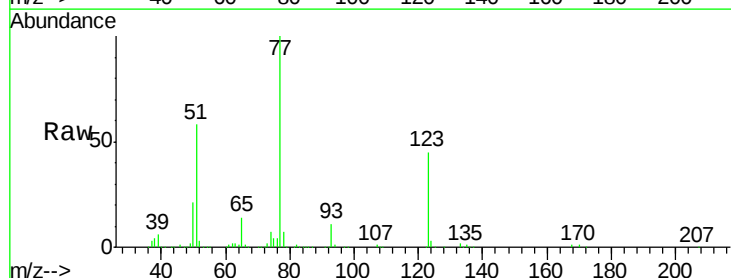
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

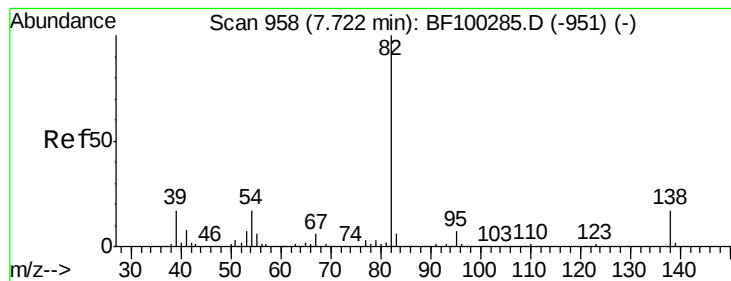
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	54.8	41.4	62.2



#24
 Nitrobenzene
 Concen: 36.72 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 32.51 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

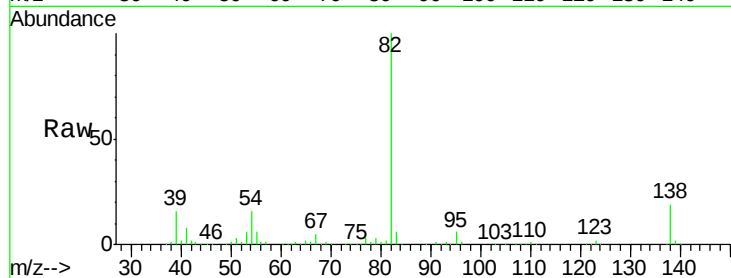
Tgt Ion: 82 Resp: 531455

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

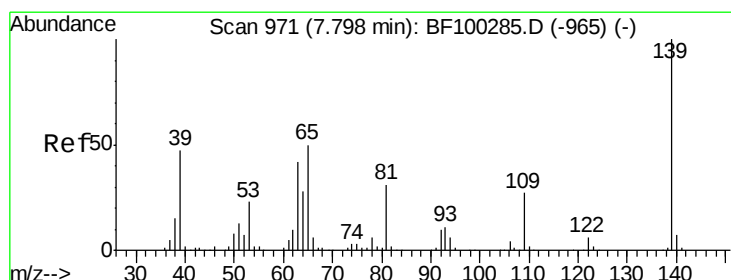
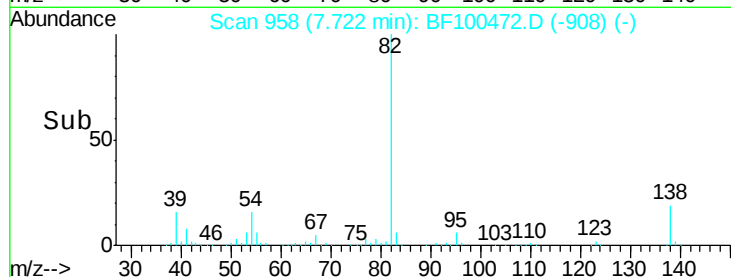
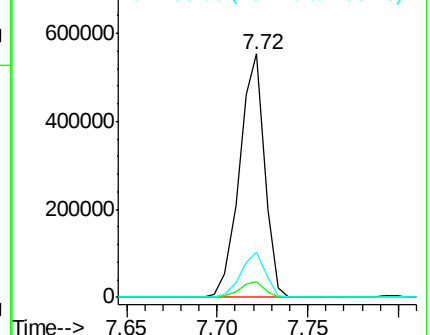
138 18.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 32.26 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

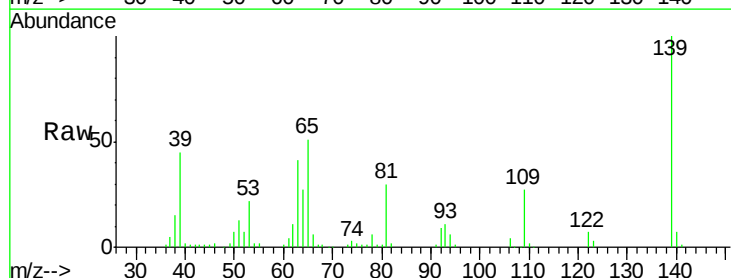
Tgt Ion: 139 Resp: 113679

Ion Ratio Lower Upper

139 100

109 27.2 22.7 34.1

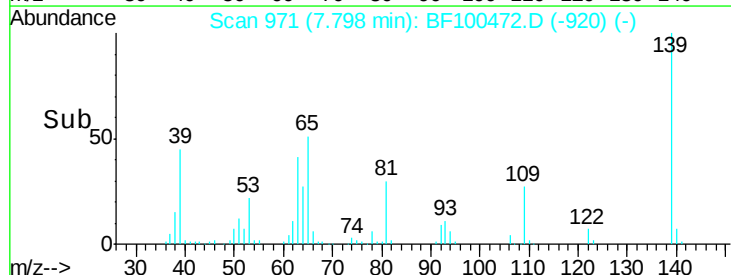
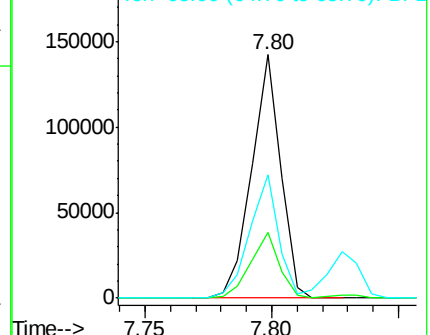
65 50.7 40.5 60.7

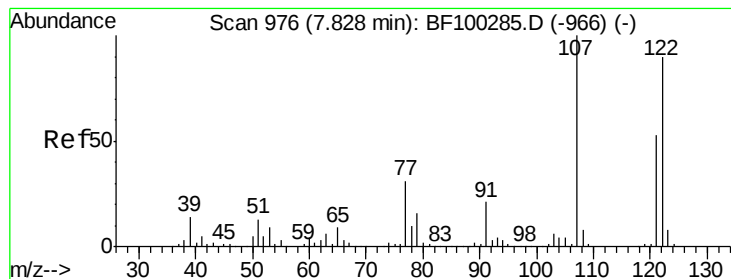


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 35.44 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

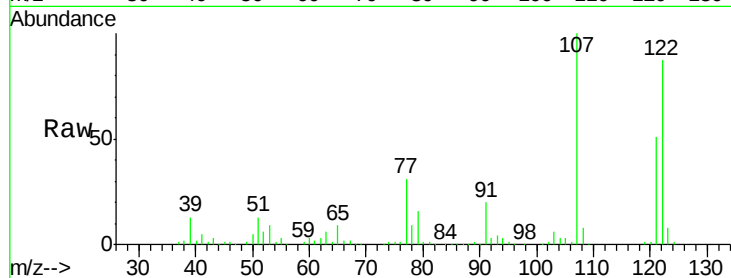
Tgt Ion: 122 Resp: 259751

Ion Ratio Lower Upper

122 100

107 114.4 91.2 136.8

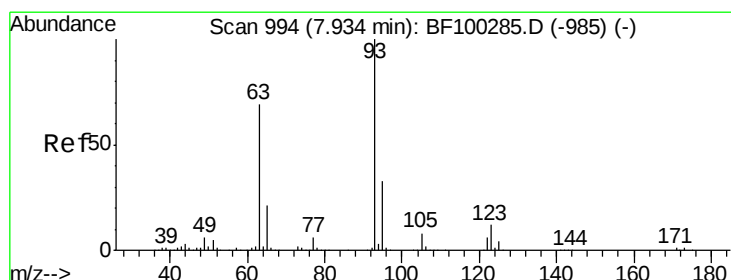
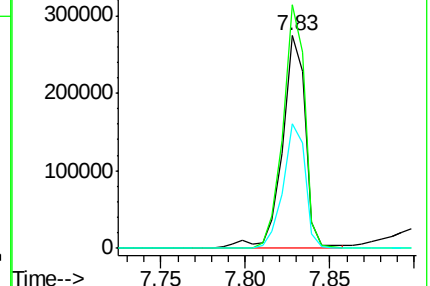
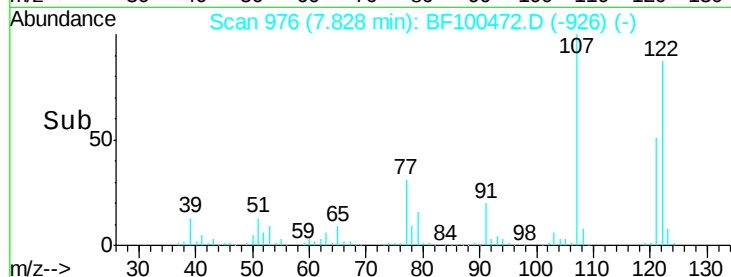
121 58.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.04 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

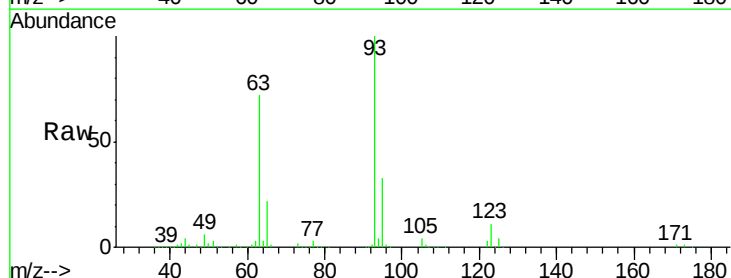
Tgt Ion: 93 Resp: 342636

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

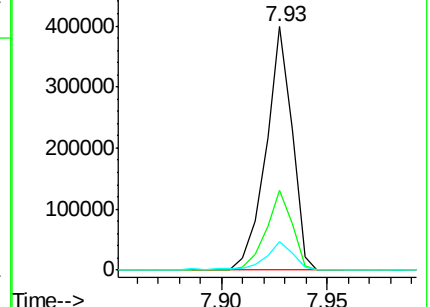
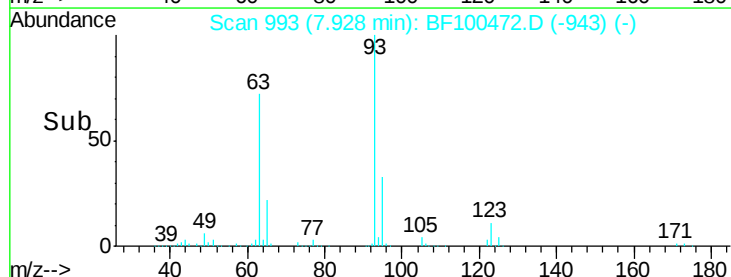
123 11.5 9.8 14.6

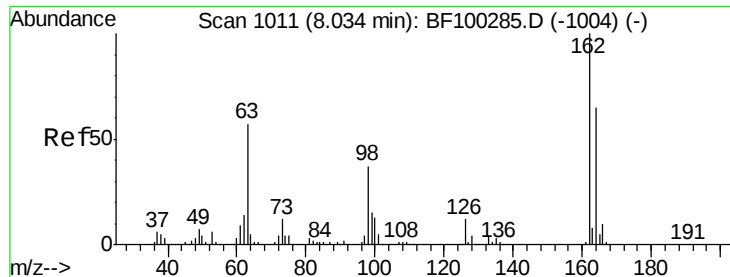


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

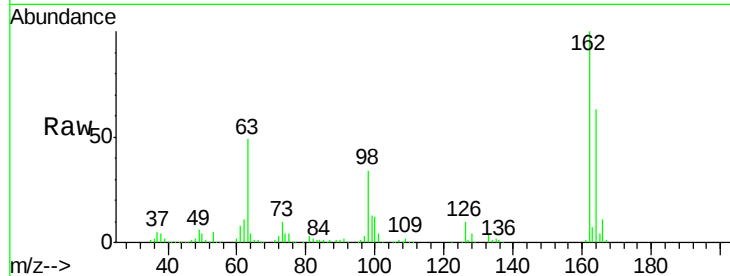




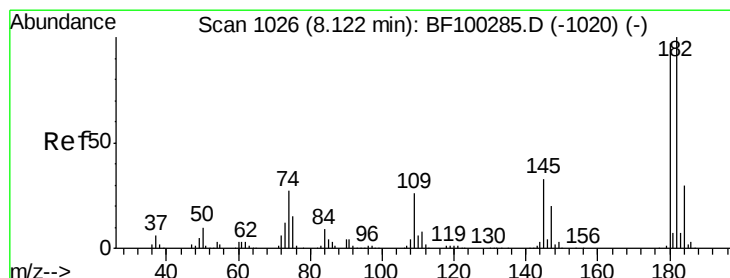
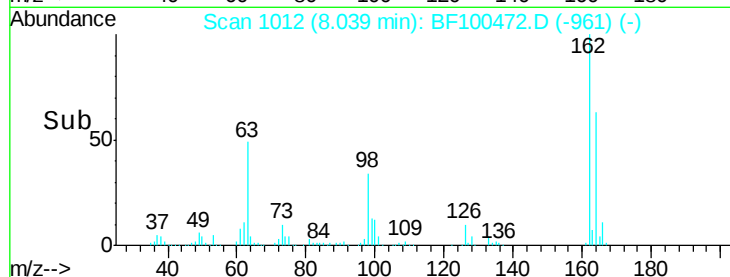
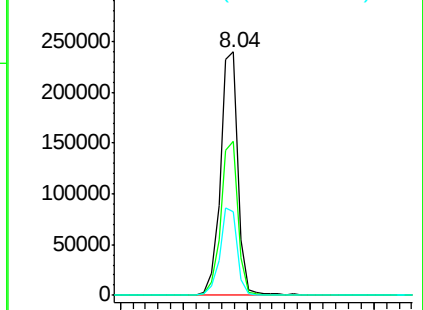
#29
2,4-Dichlorophenol
Concen: 33.22 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tgt Ion:162 Resp: 232414
Ion Ratio Lower Upper
162 100
164 63.3 42.7 82.7
98 34.3 18.1 58.1

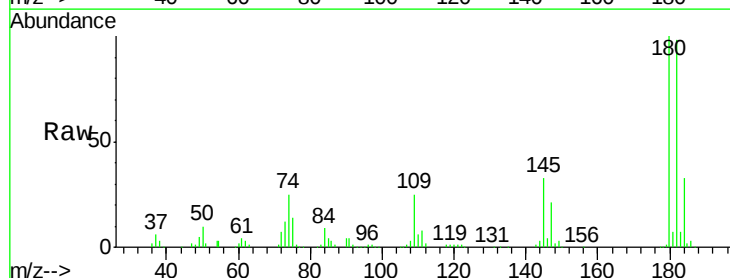


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

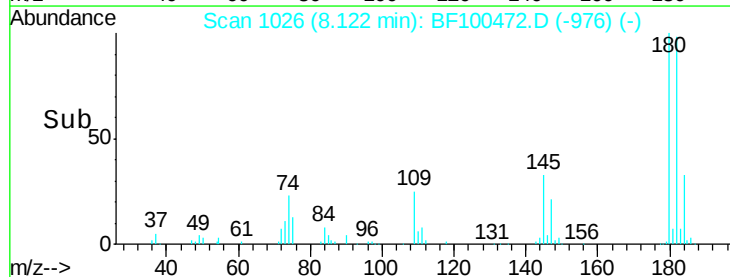
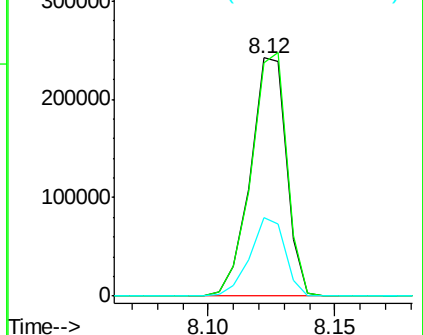


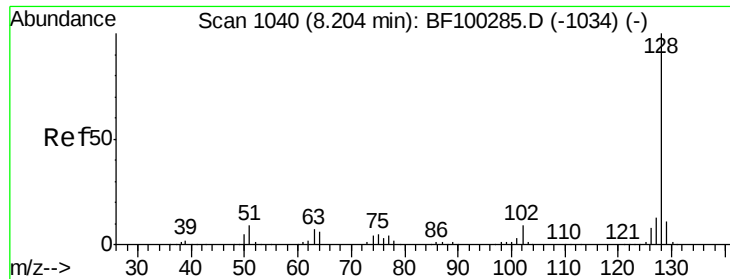
#30
1,2,4-Trichlorobenzene
Concen: 31.97 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion:180 Resp: 241920
Ion Ratio Lower Upper
180 100
182 98.3 76.8 115.2
145 32.8 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

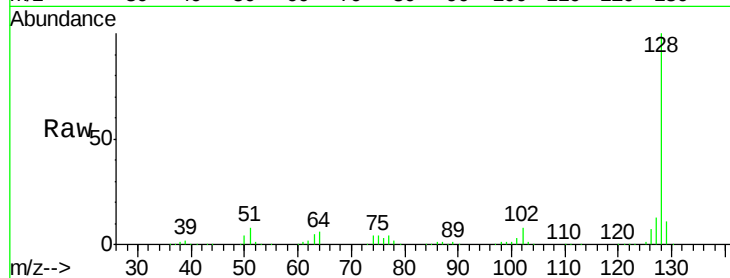




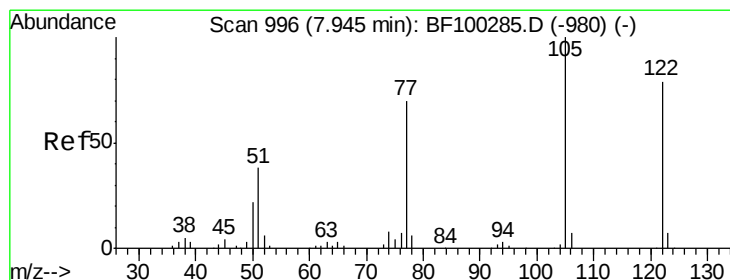
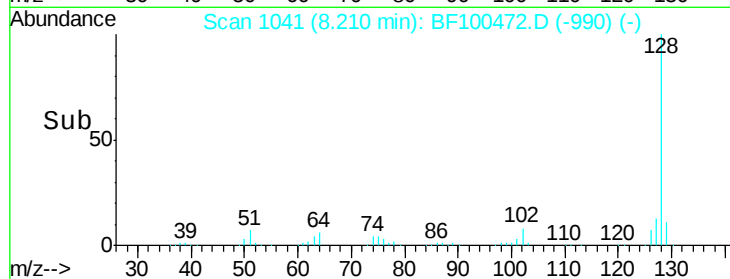
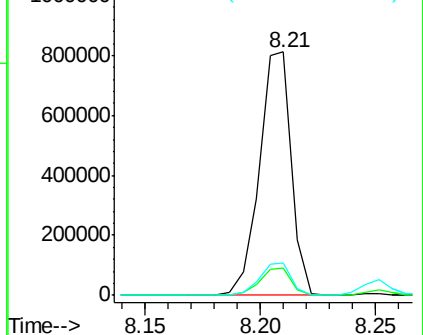
#31
Naphthalene
Concen: 31.57 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tgt Ion:128 Resp: 782093
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.9 16.3

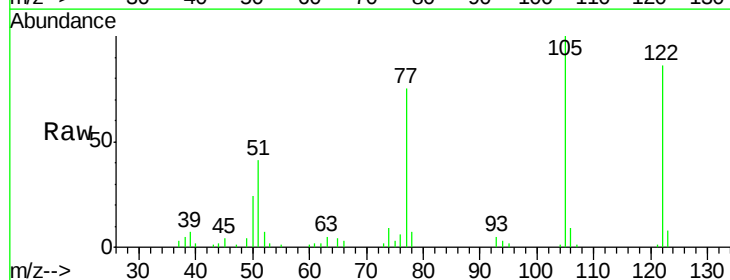


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

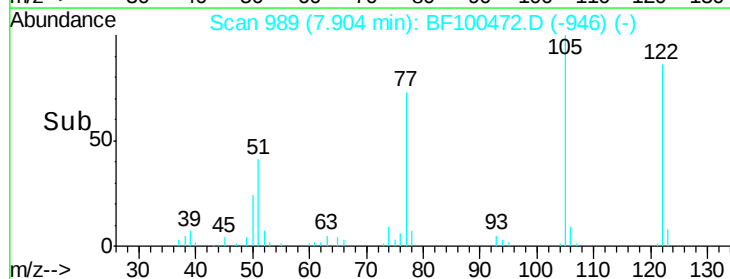
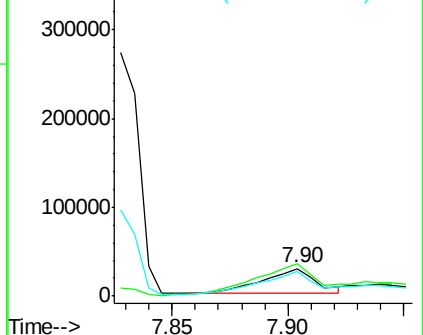


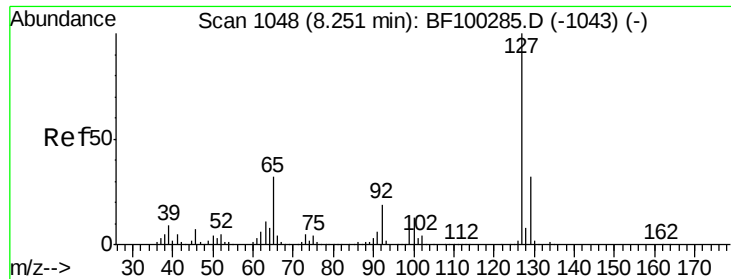
#32
Benzoic acid
Concen: 15.89 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion:122 Resp: 45467
Ion Ratio Lower Upper
122 100
105 116.6 101.1 141.1
77 87.0 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

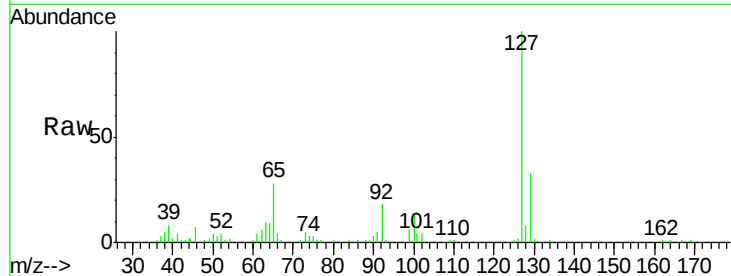




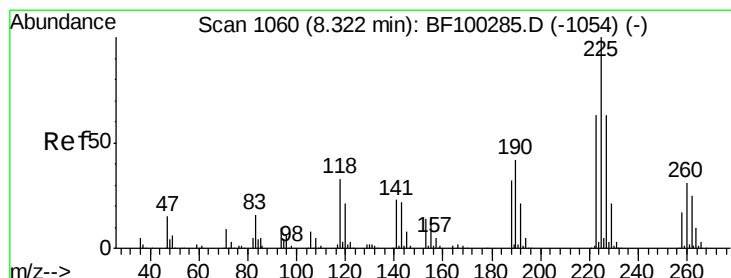
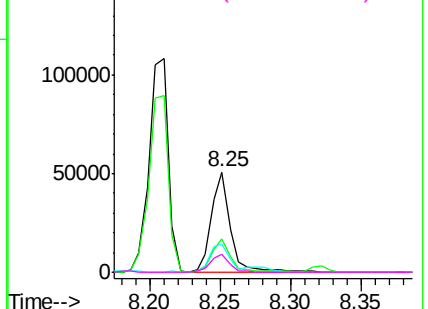
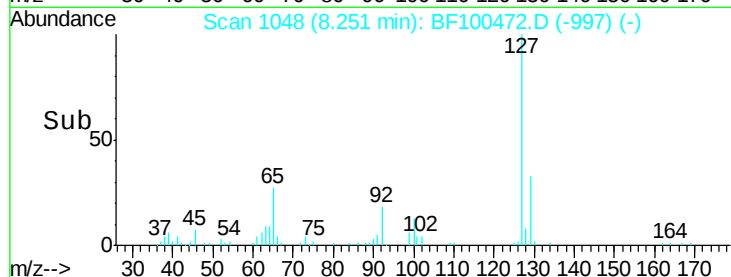
#33
4-Chloroaniline
Concen: 4.65 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tgt Ion:	127	Resp:	47952
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.9	38.9
65	28.0	25.0	37.4
92	18.1	15.2	22.8

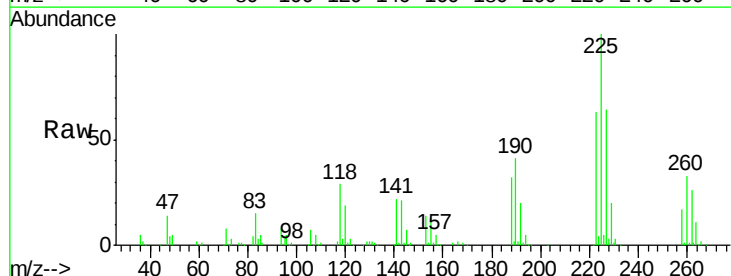


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

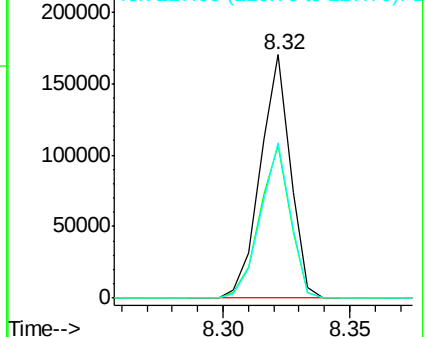
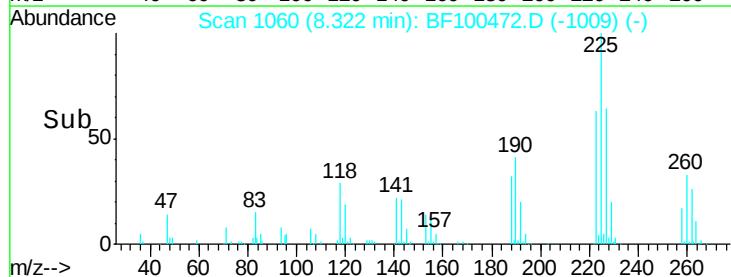


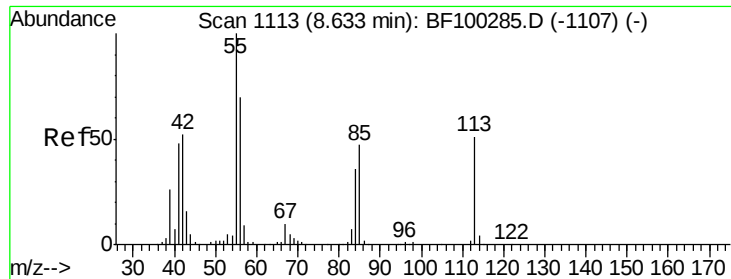
#34
Hexachlorobutadiene
Concen: 31.41 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion:	225	Resp:	141321
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.9	51.9	77.9



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

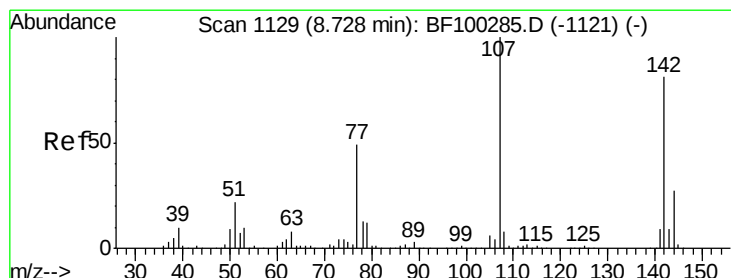
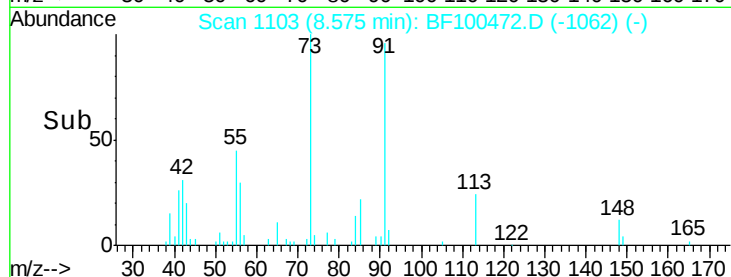
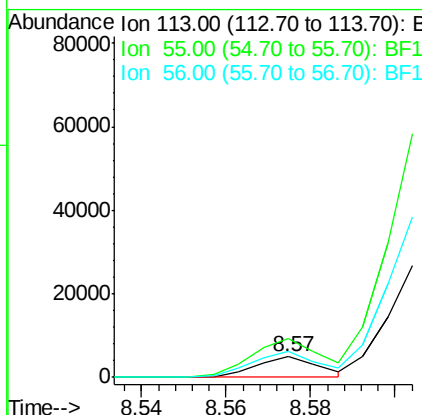
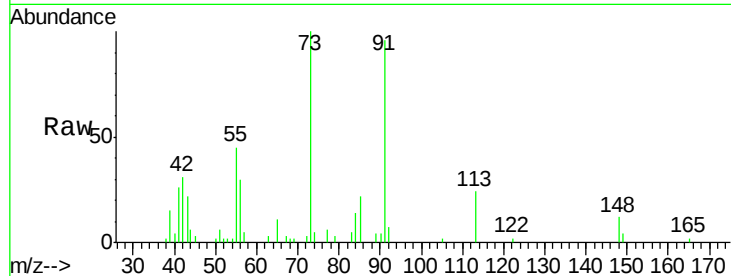




#35
 Caprolactam
 Concen: 2.08 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.06 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

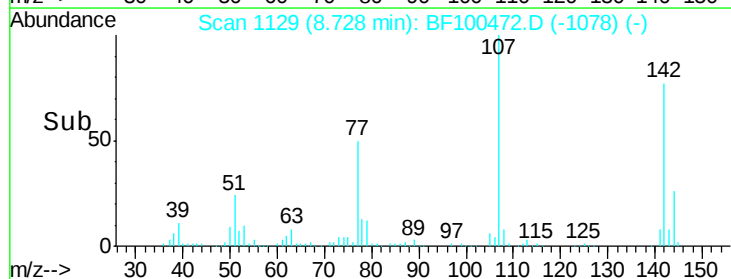
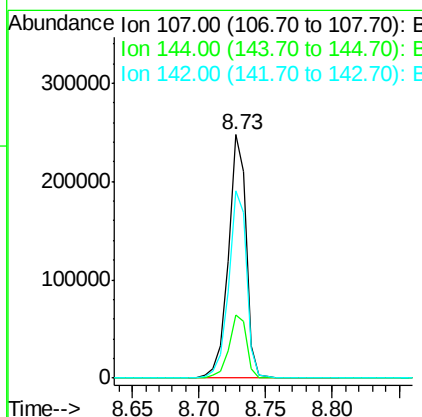
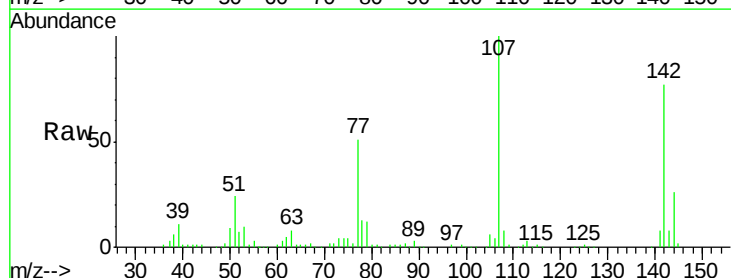
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

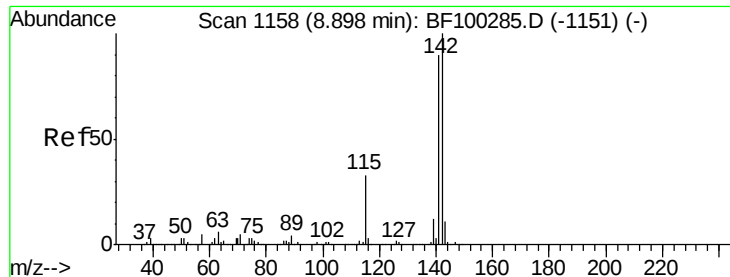
Tgt Ion:113 Resp: 4997
 Ion Ratio Lower Upper
 113 100
 55 188.7 163.3 203.3
 56 127.1 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 31.17 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion:107 Resp: 234252
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 77.2 62.0 93.0

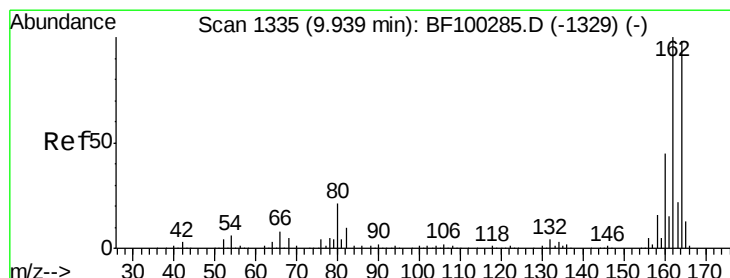
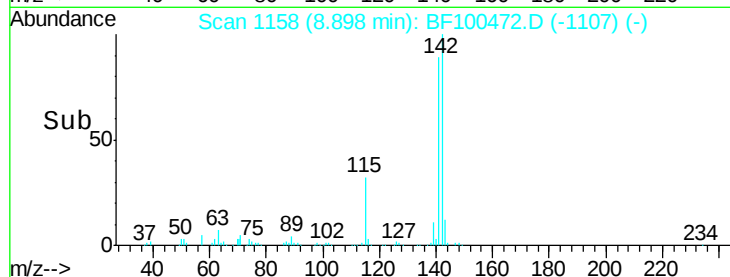
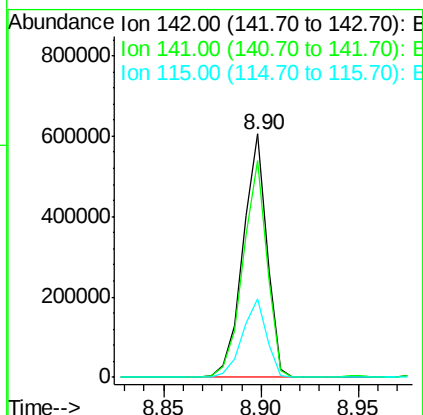
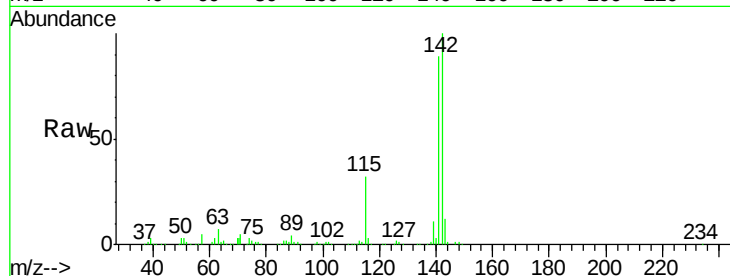




#37
2-Methylnaphthalene
Concen: 31.32 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

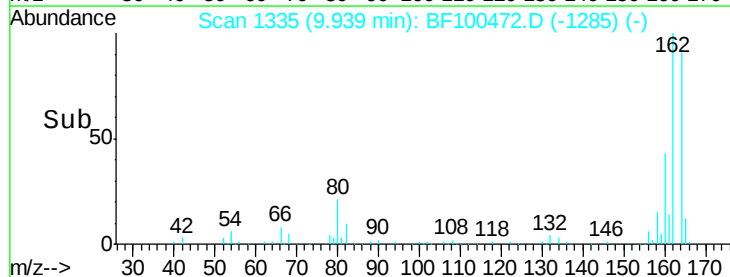
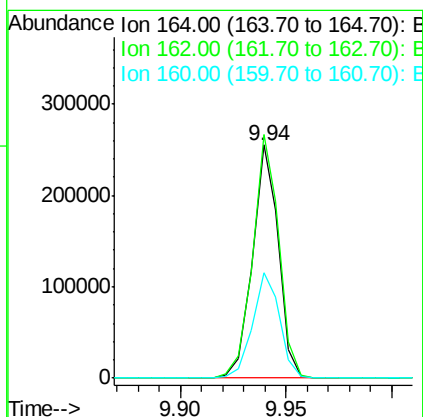
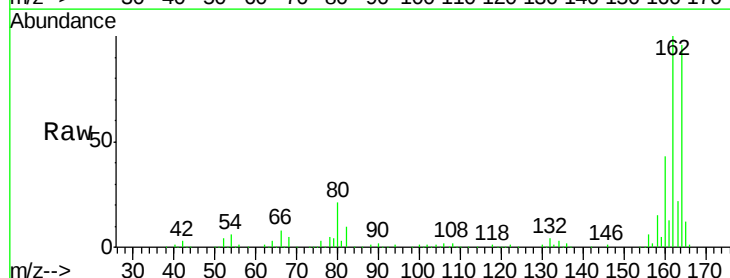
Instrument :
BNA_F
ClientSampleId :
PB104195BS

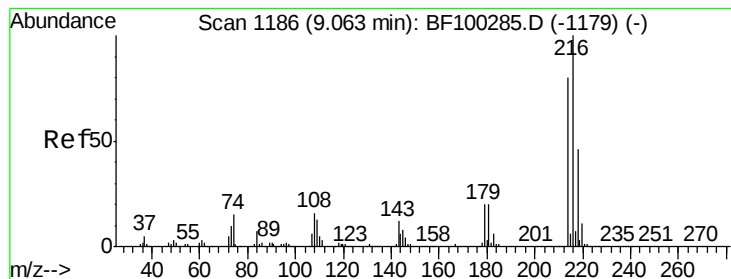
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	32.2	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.0	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.67 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

Tgt Ion: 216 Resp: 235618

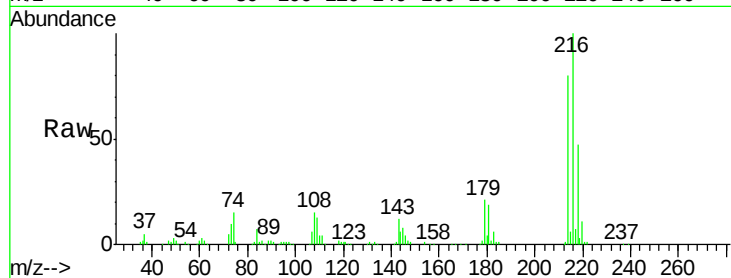
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 20.9 18.1 27.1

108 16.8 17.2 25.8#

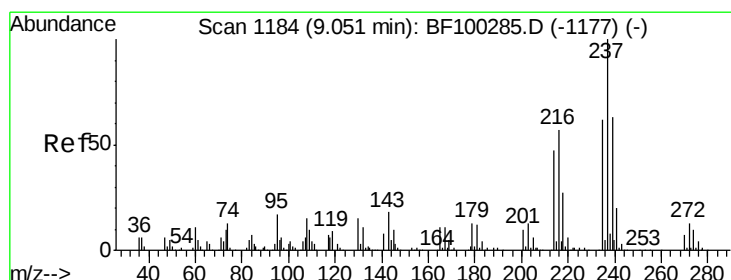
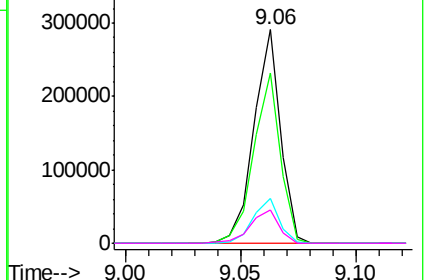
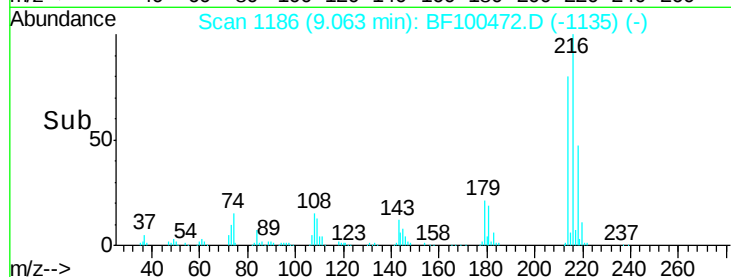


Abundance Ion 216.00 (215.70 to 216.70): E

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: 13.50 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

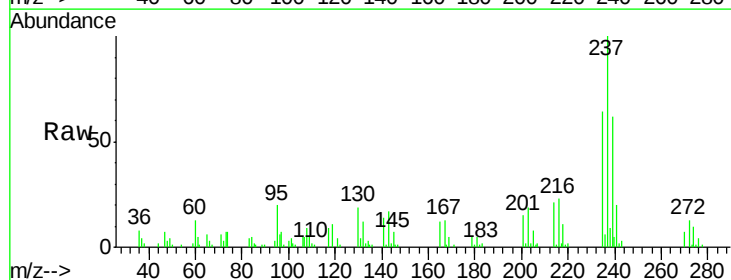
Tgt Ion: 237 Resp: 45821

Ion Ratio Lower Upper

237 100

235 64.2 44.8 84.8

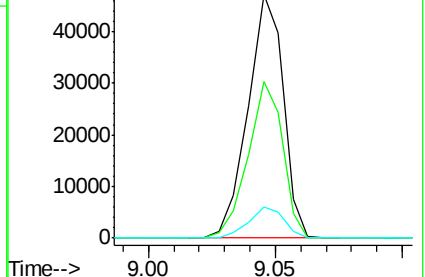
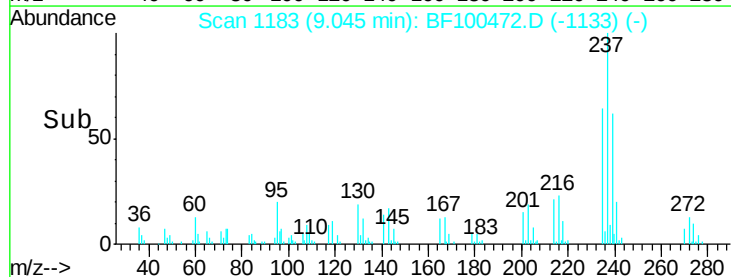
272 12.8 0.0 33.3

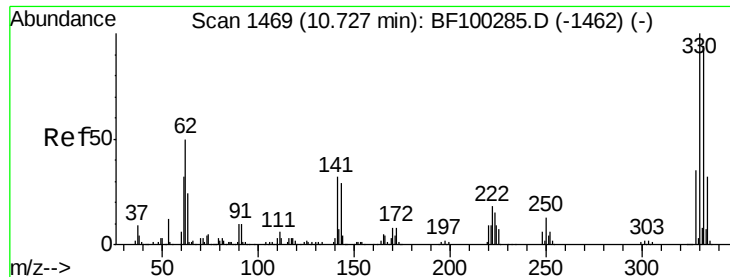


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

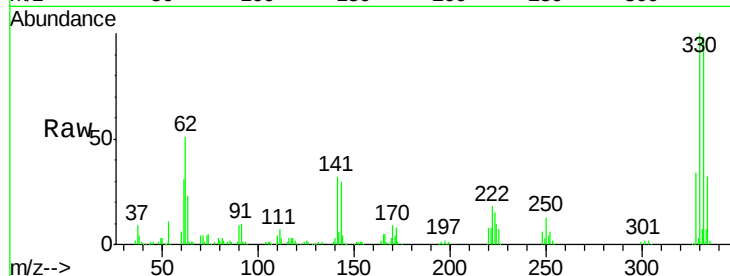




#41
 2,4,6-Tribromophenol
 Concen: 57.72 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	31.0	29.9	44.9

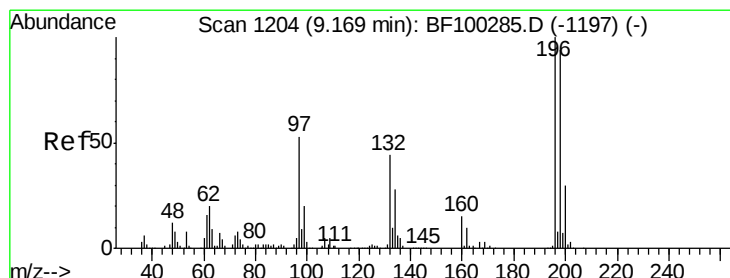
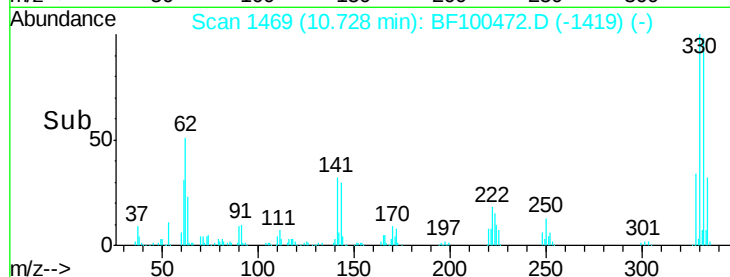
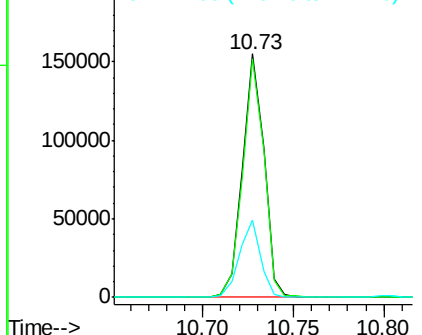


Abundance

Ion 329.80 (329.50 to 330.50): E

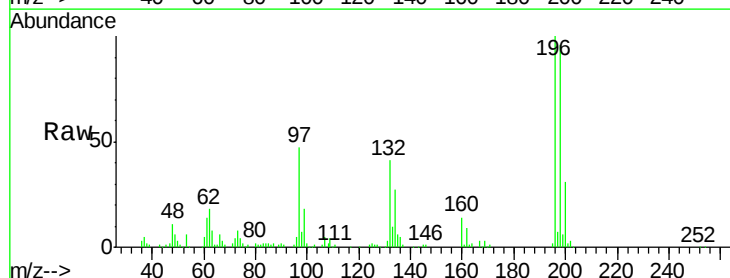
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 33.01 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	31.1	24.5	36.7

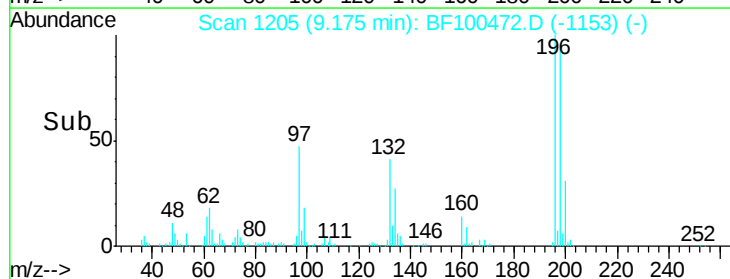
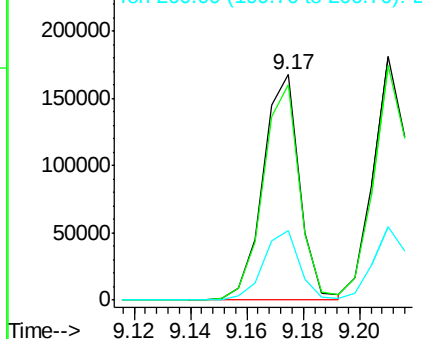


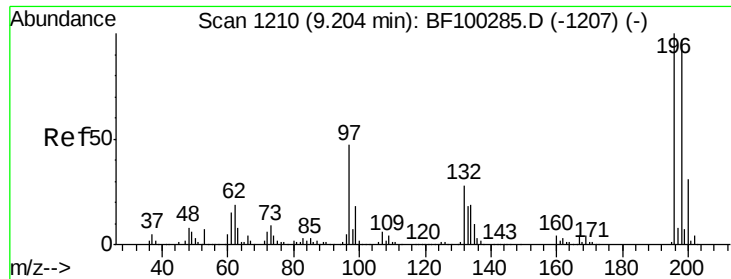
Abundance

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

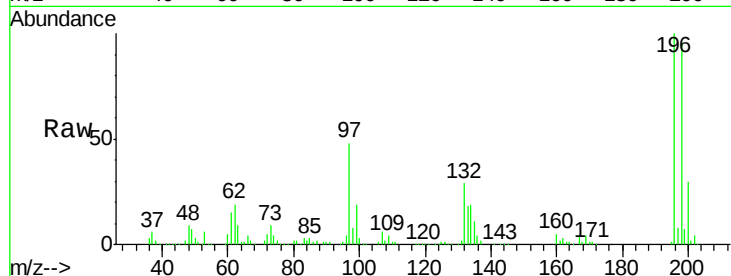




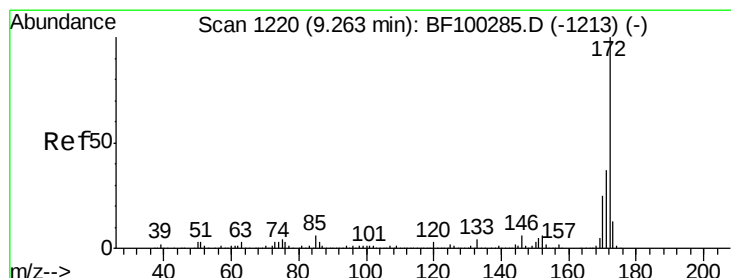
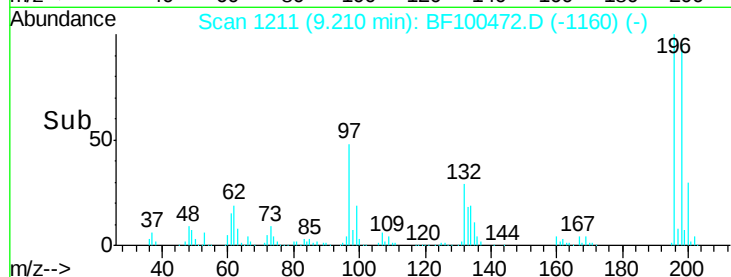
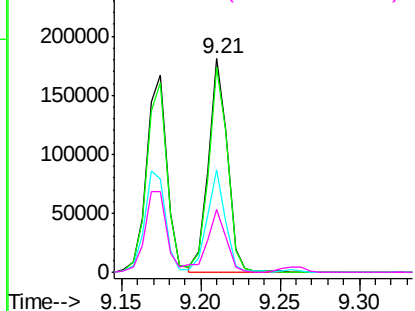
#43
 2,4,5-Trichlorophenol
 Concen: 32.22 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tgt Ion:196 Resp: 152588
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.6 112.0
 97 48.1 42.9 64.3
 132 29.3 26.3 39.5

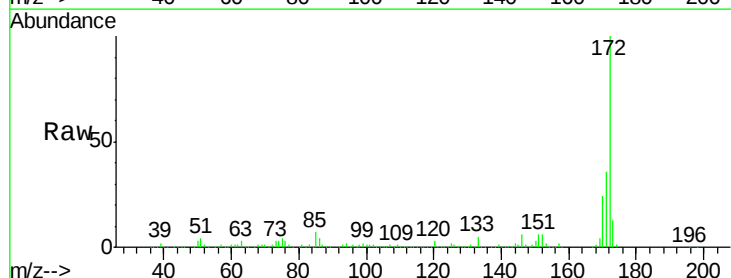


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

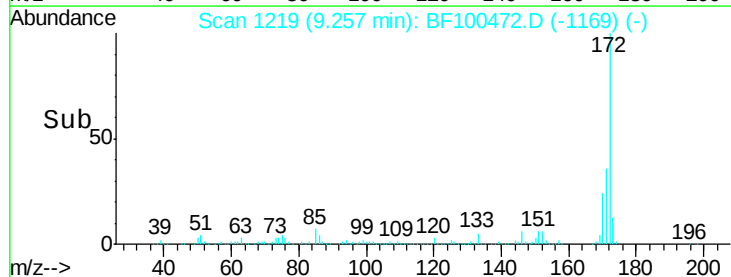
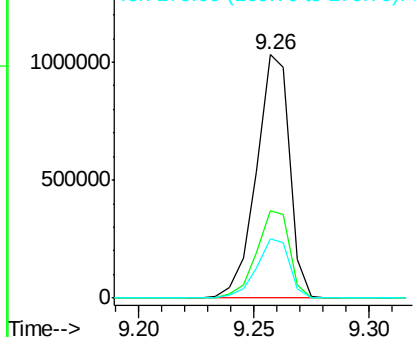


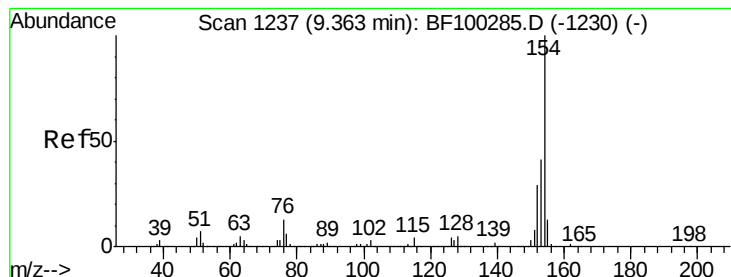
#44
 2-Fluorobiphenyl
 Concen: 72.49 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion:172 Resp: 1035317
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.2 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 32.39 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

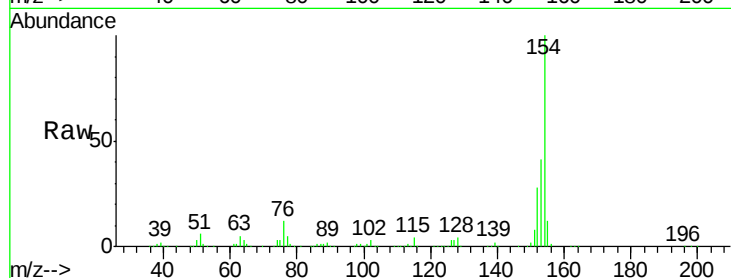
Tgt Ion:154 Resp: 609137

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

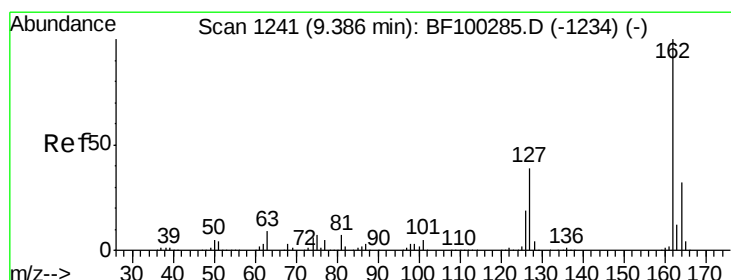
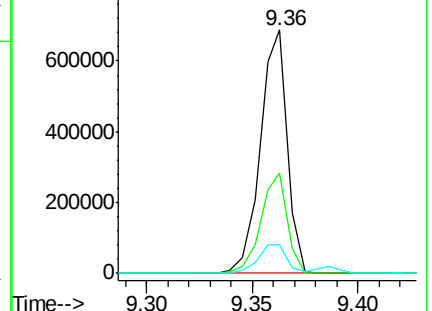
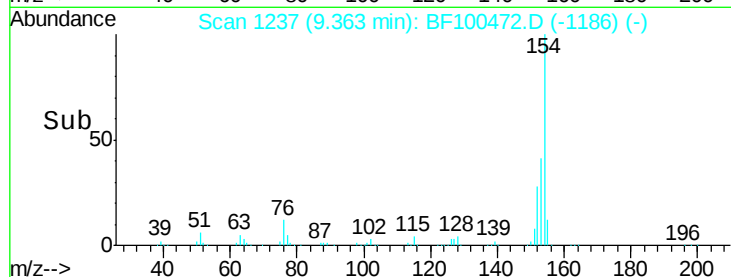
76 11.9 0.0 34.0



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: 33.79 ng

RT: 9.39 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

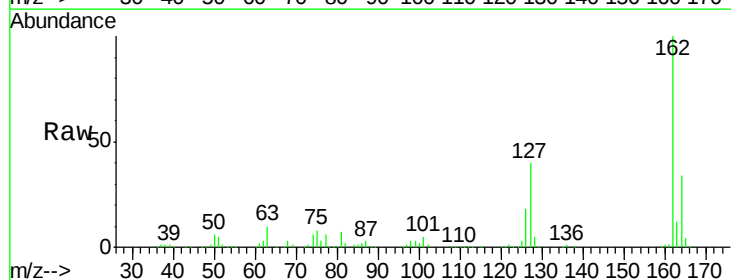
Tgt Ion:162 Resp: 461060

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

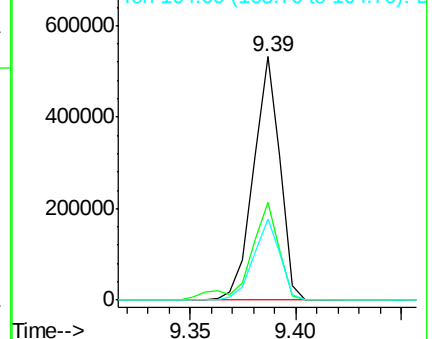
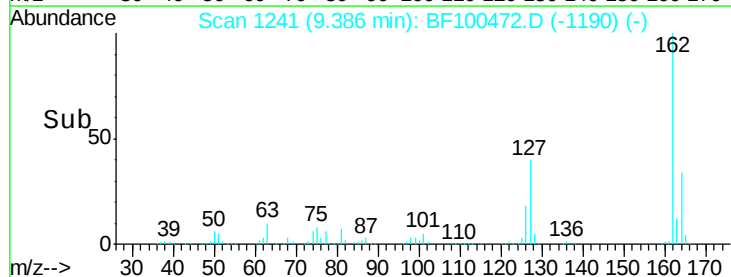
164 33.6 26.5 39.7

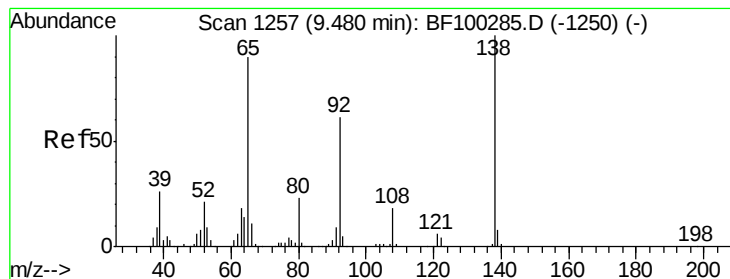


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.48 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

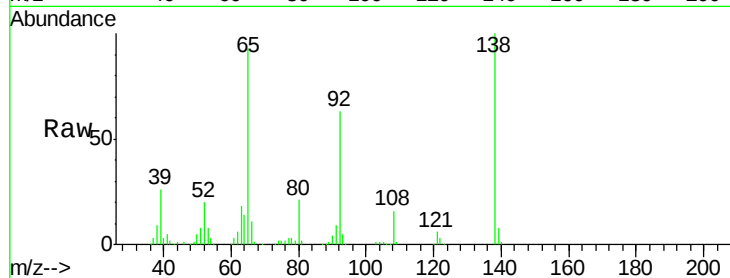
Tgt Ion: 65 Resp: 148520

Ion Ratio Lower Upper

65 100

92 67.9 55.8 83.6

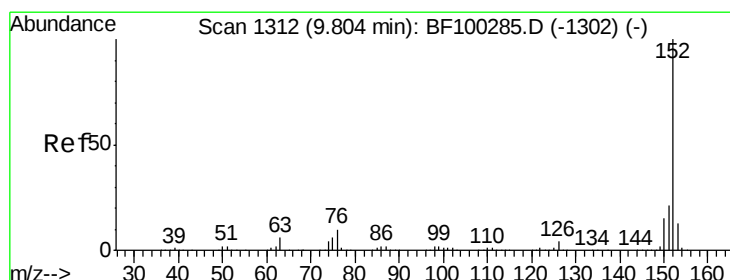
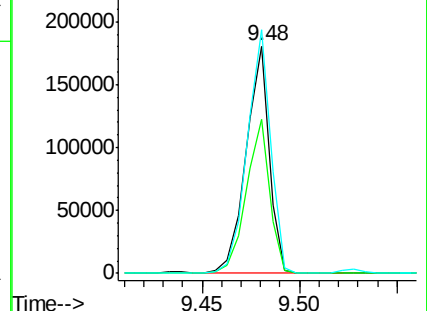
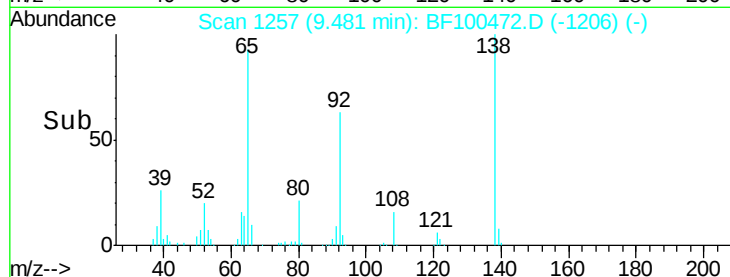
138 107.0 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 31.17 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

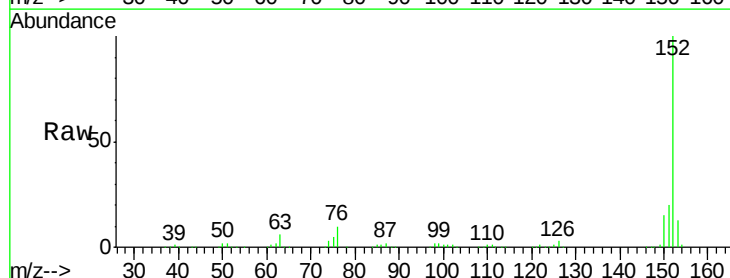
Tgt Ion: 152 Resp: 704833

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

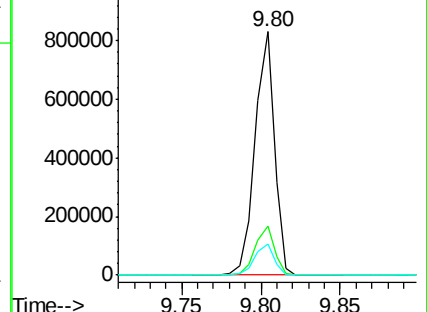
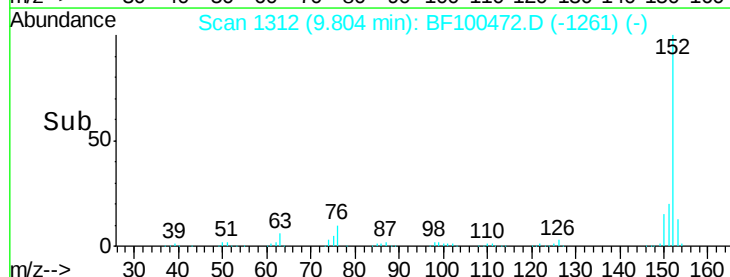
153 13.0 10.7 16.1

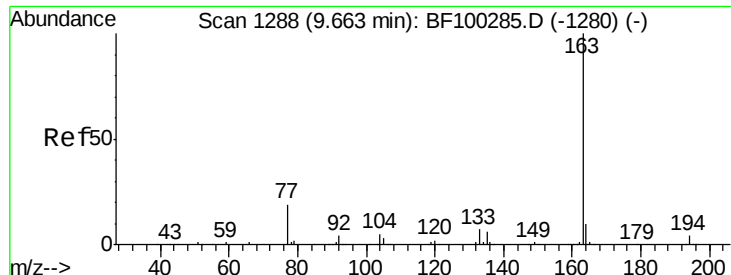


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1

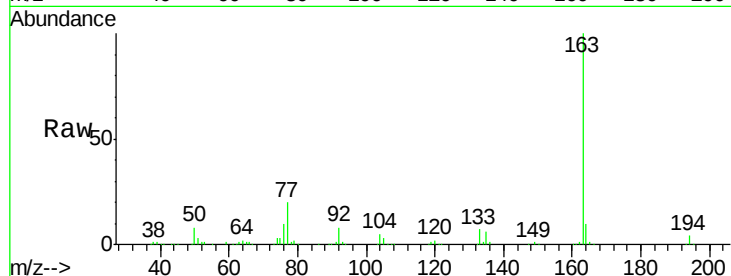




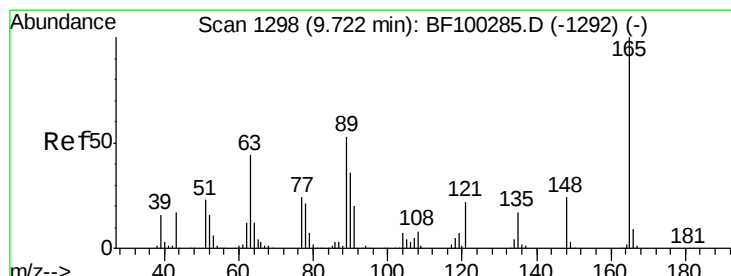
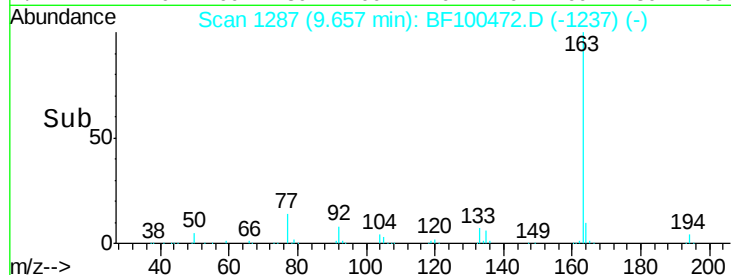
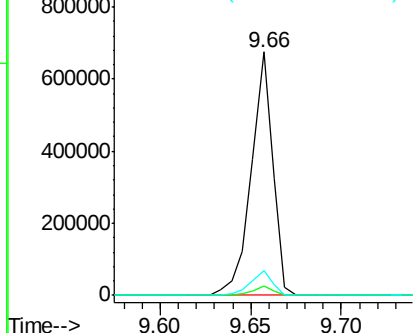
#49
Dimethylphthalate
Concen: 33.71 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Instrument :
BNA_F
ClientSampleId :
PB104195BS

Tgt Ion:163 Resp: 559709
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 8.2 12.2

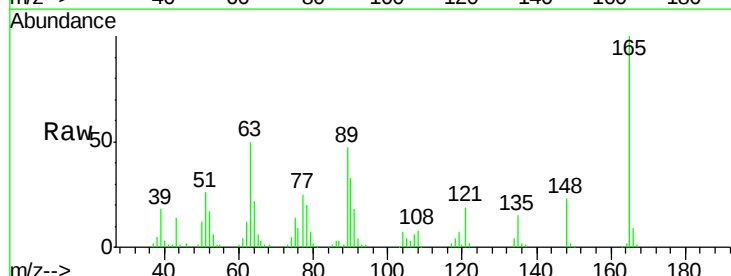


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

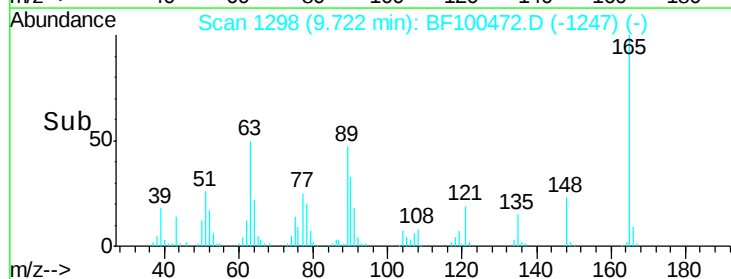
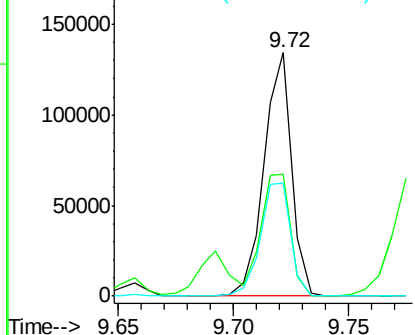


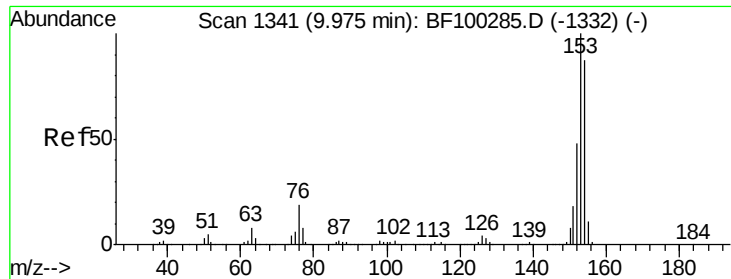
#50
2,6-Dinitrotoluene
Concen: 34.17 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion:165 Resp: 112298
Ion Ratio Lower Upper
165 100
63 50.2 44.7 67.1
89 46.5 44.0 66.0



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





#51

Acenaphthene

Concen: 29.93 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

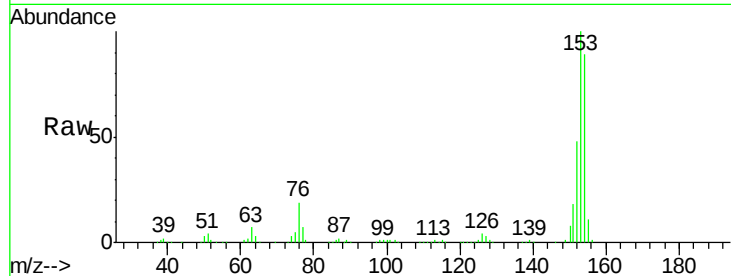
Tgt Ion:154 Resp: 411600

Ion Ratio Lower Upper

154 100

153 112.6 91.2 136.8

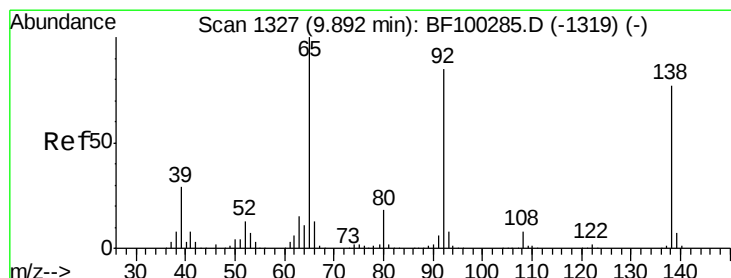
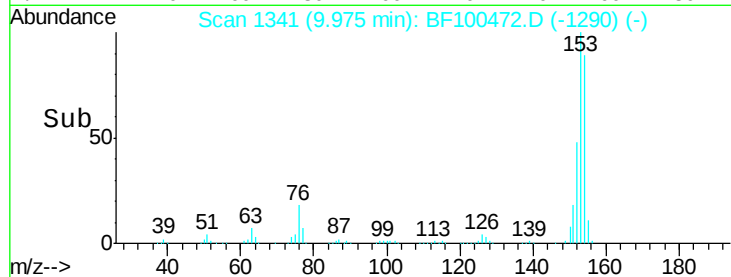
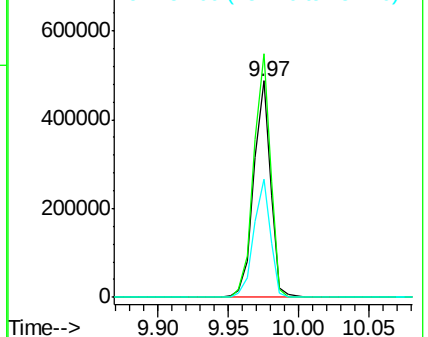
152 54.4 43.8 65.8



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: 16.17 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

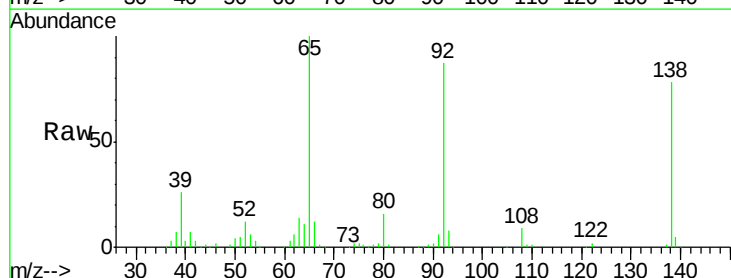
Tgt Ion:138 Resp: 62756

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

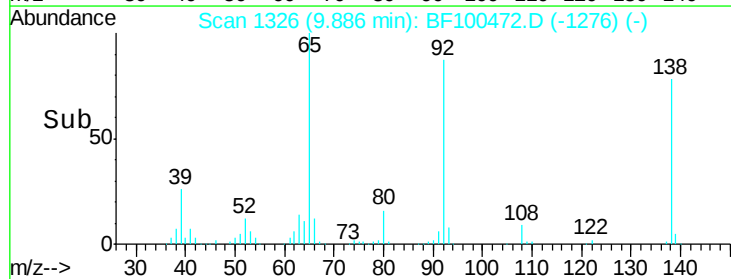
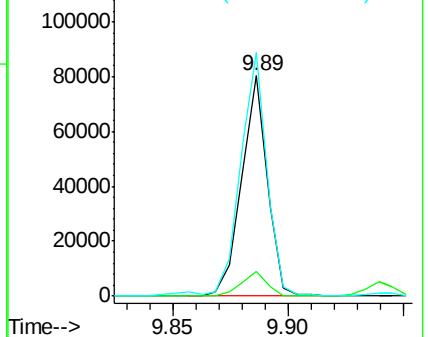
92 110.5 89.4 134.2

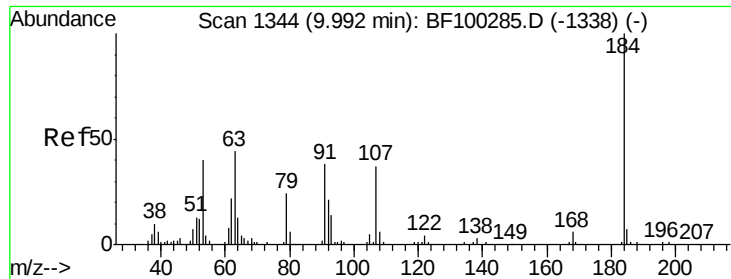


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

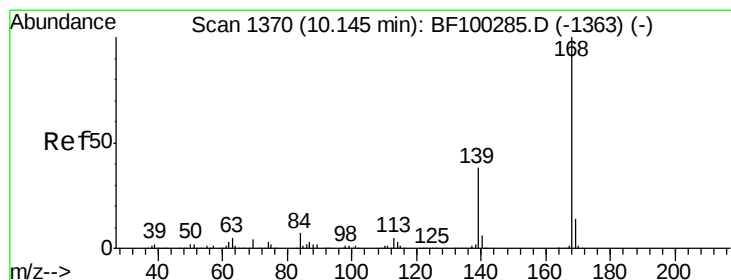
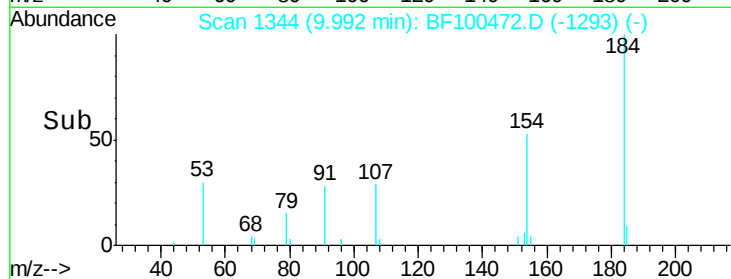
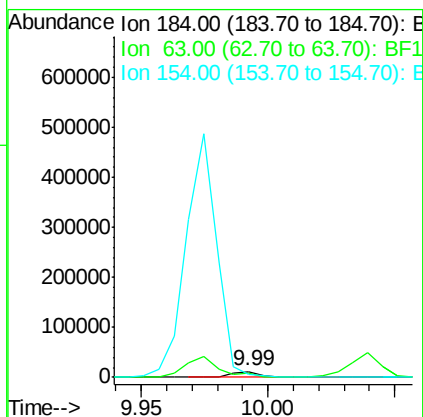
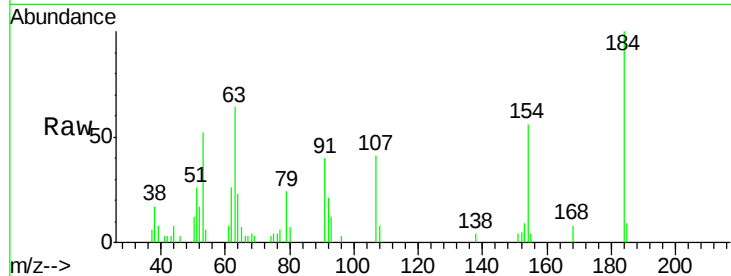




#53
2,4-Dinitrophenol
Concen: 16.86 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

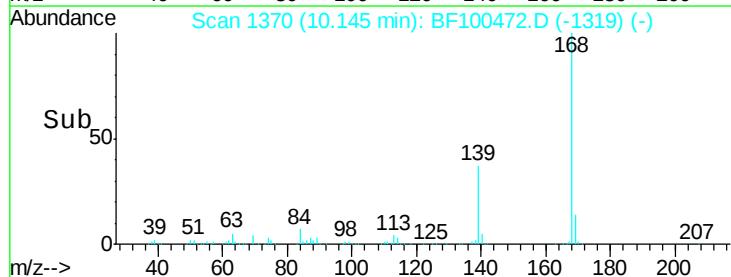
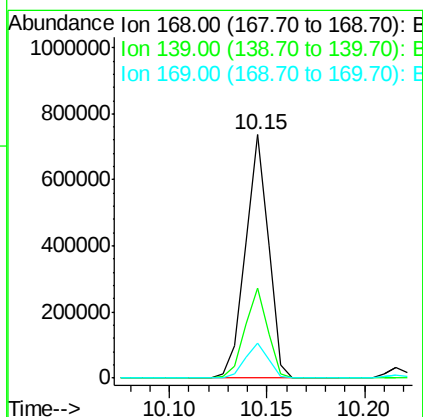
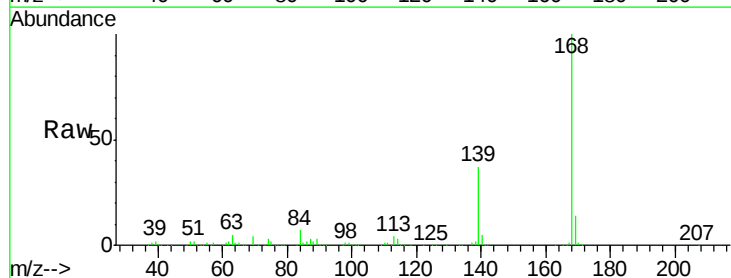
Instrument :
BNA_F
ClientSampleId :
PB104195BS

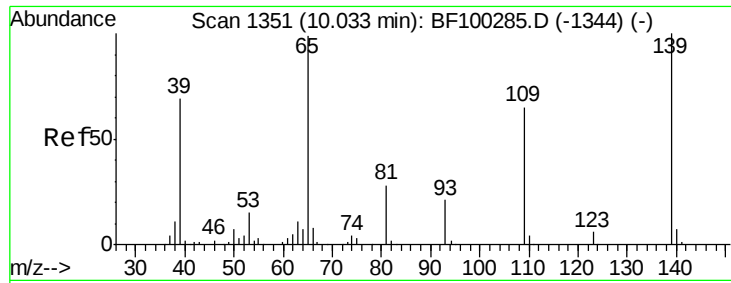
Tgt Ion:184 Resp: 9970
Ion Ratio Lower Upper
184 100
63 63.6 54.2 81.2
154 56.3 184.0 276.0#



#54
Dibenzofuran
Concen: 31.23 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion:168 Resp: 601876
Ion Ratio Lower Upper
168 100
139 36.9 30.1 45.1
169 14.4 10.9 16.3





#55

4-Nitrophenol

Concen: 49.86 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

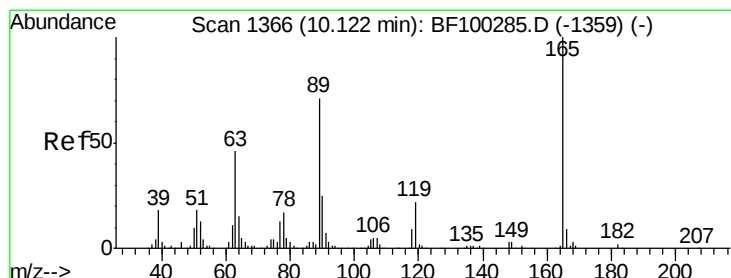
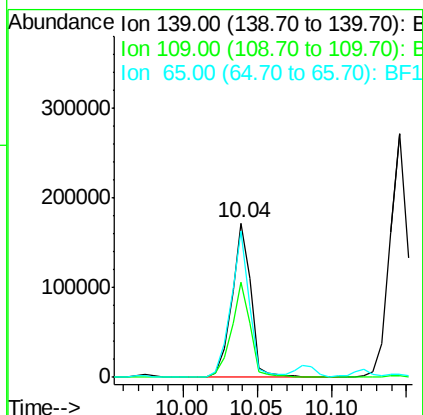
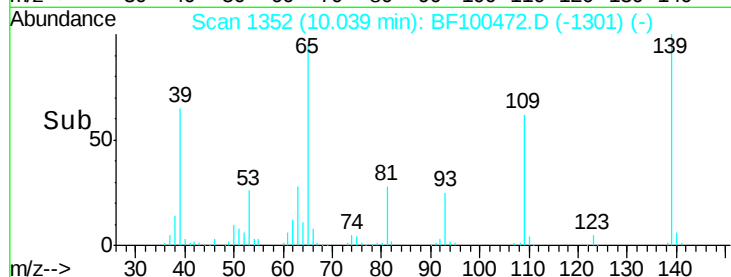
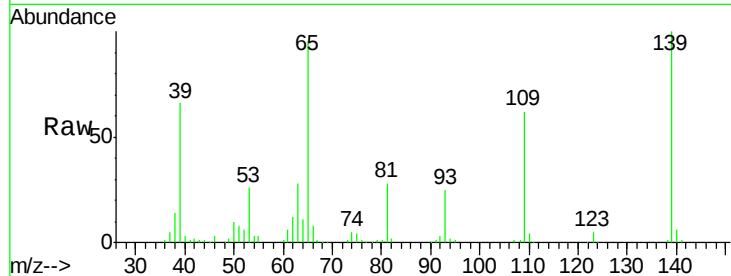
Tgt Ion:139 Resp: 157126

Ion Ratio Lower Upper

139 100

109 61.7 48.4 88.4

65 94.9 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 32.49 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion:165 Resp: 134709

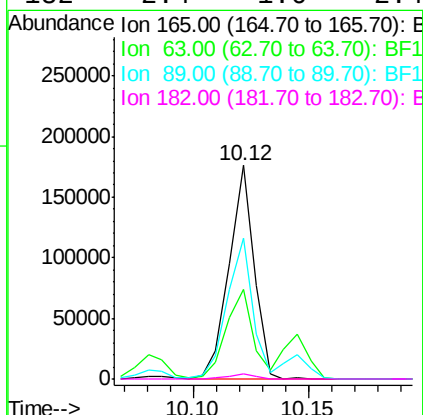
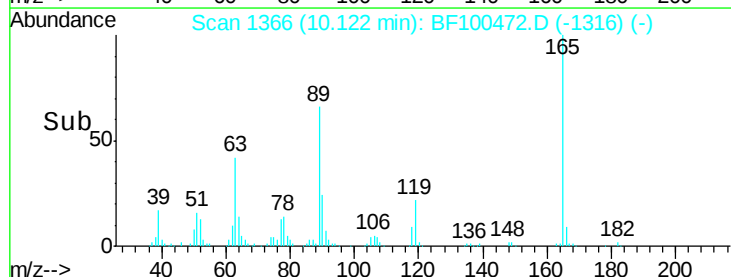
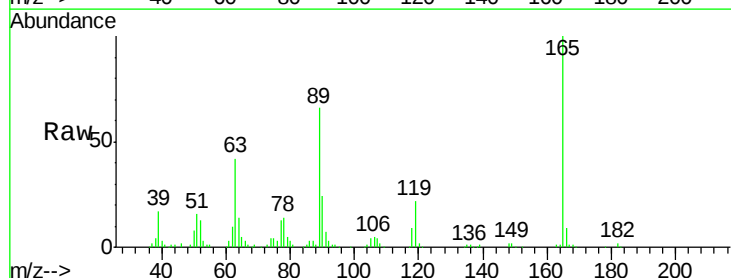
Ion Ratio Lower Upper

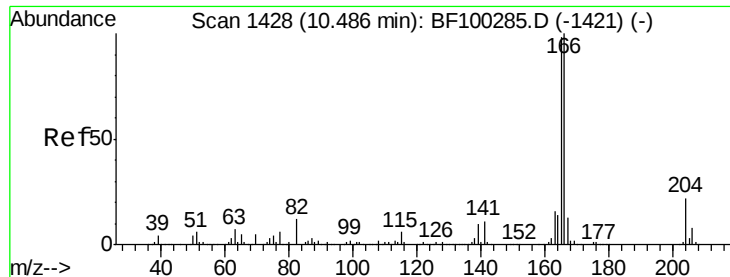
165 100

63 41.9 36.4 54.6

89 66.1 57.8 86.6

182 2.4 1.6 2.4#





#57

Fluorene

Concen: 30.67 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

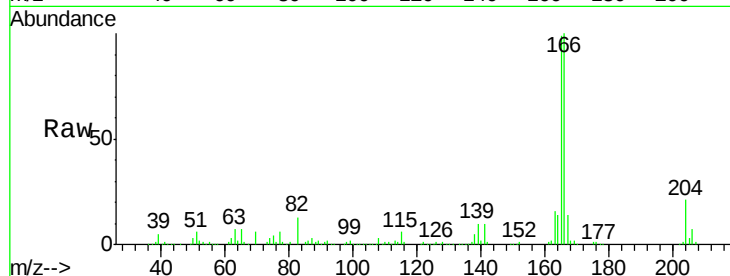
Tgt Ion:166 Resp: 433043

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

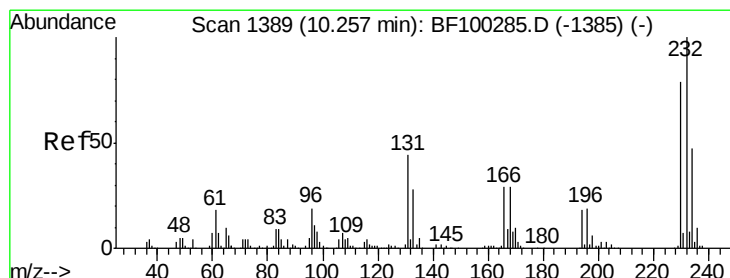
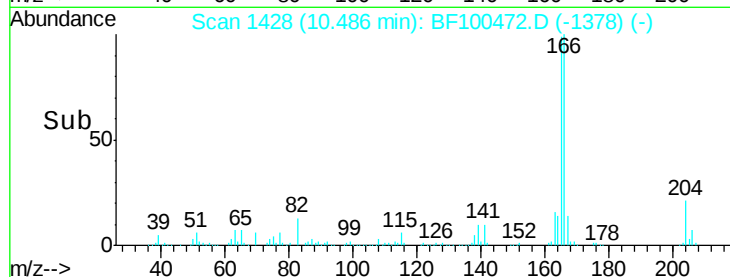
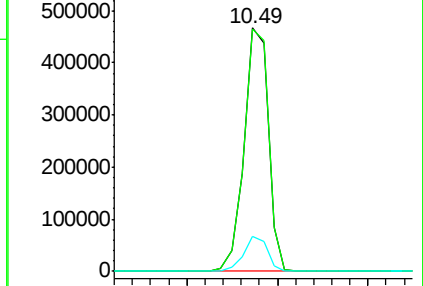
167 14.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.62 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion:232 Resp: 111100

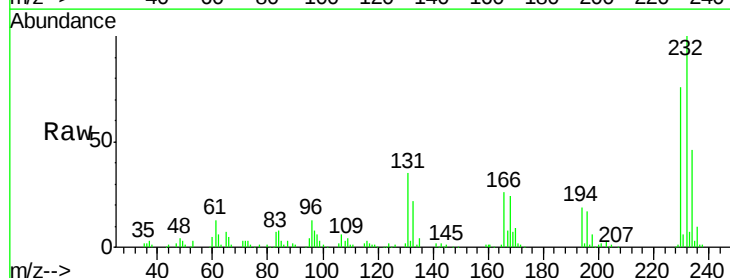
Ion Ratio Lower Upper

232 100

131 43.3 43.8 65.8#

130 2.1 2.1 3.1#

166 30.1 27.8 41.6

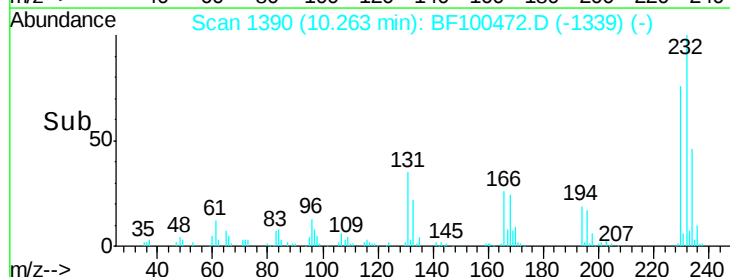
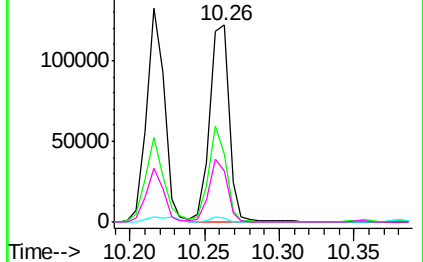


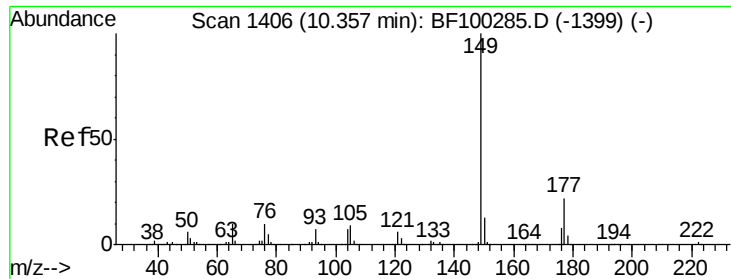
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

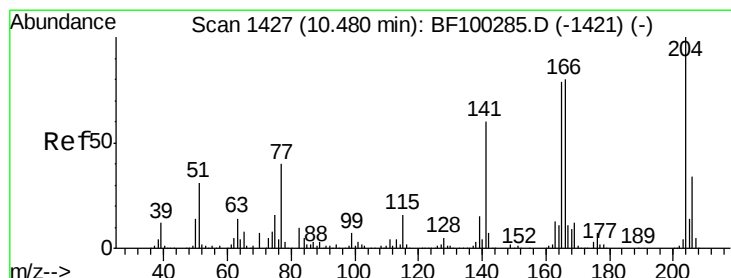
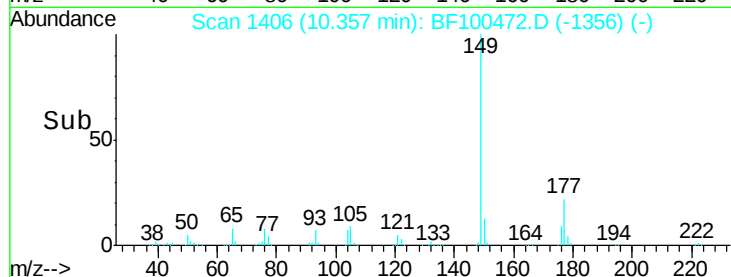
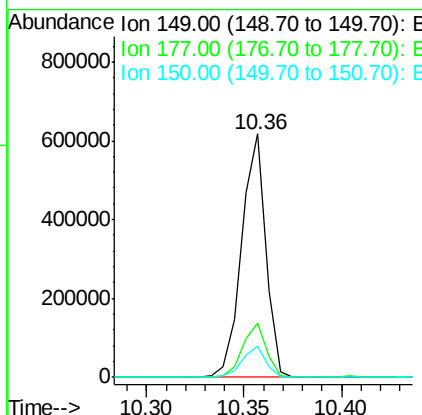
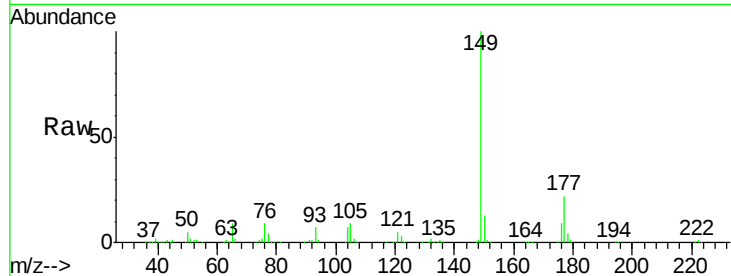




#59
Diethylphthalate
Concen: 31.93 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

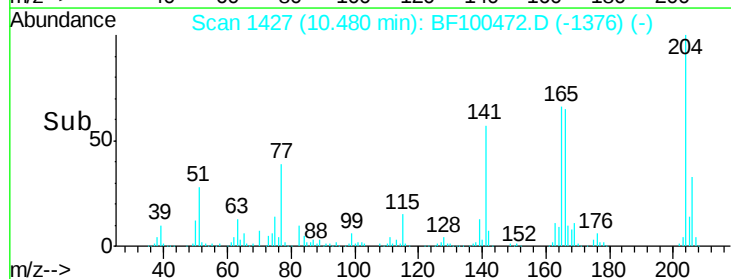
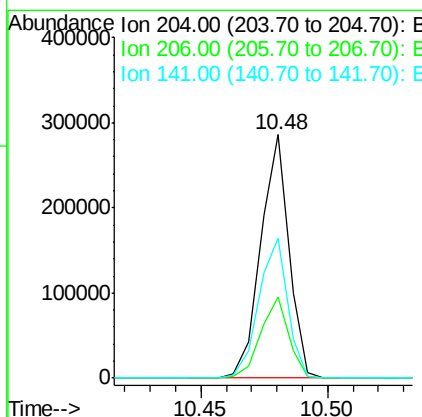
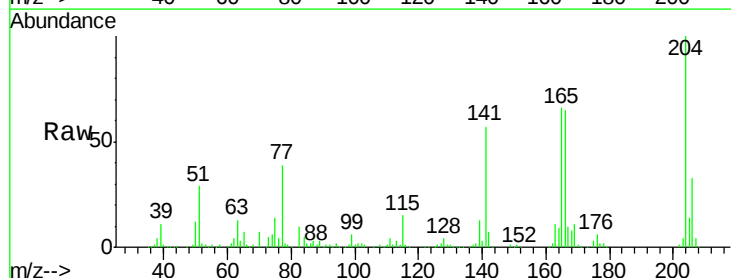
Instrument :
BNA_F
ClientSampleId :
PB104195BS

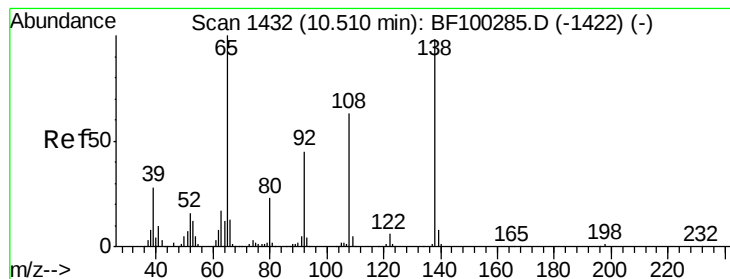
Tgt Ion:149 Resp: 530518
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.5 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 32.23 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion:204 Resp: 223239
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 57.4 54.6 81.8





#61

4-Nitroaniline

Concen: 28.86 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

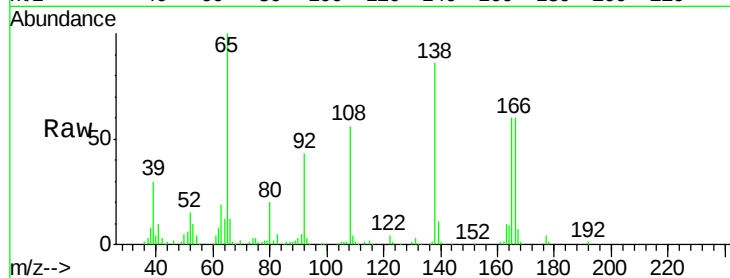
Tgt Ion: 138 Resp: 106203

Ion Ratio Lower Upper

138 100

92 49.8 30.2 70.2

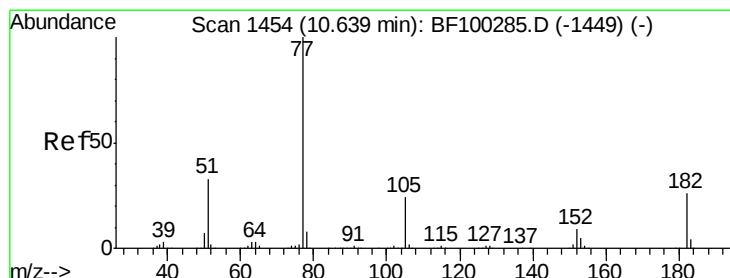
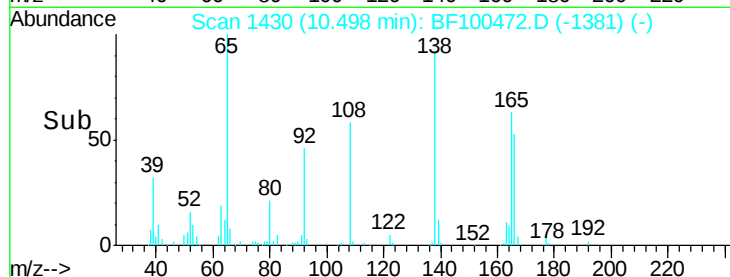
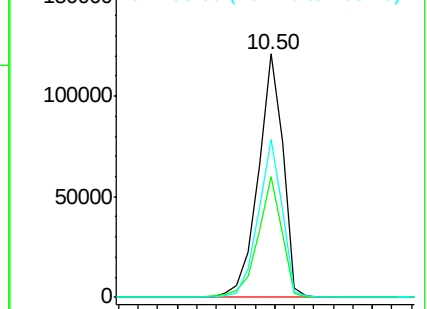
108 65.0 52.5 92.5



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: 29.90 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Tgt Ion: 77 Resp: 467886

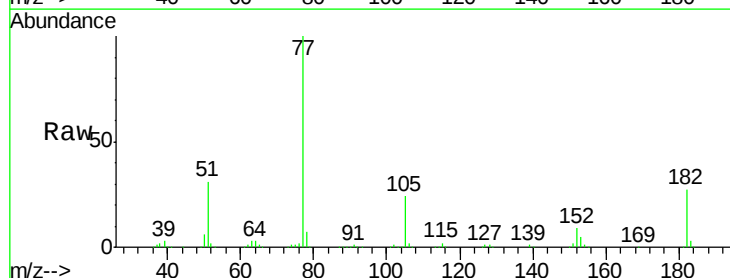
Ion Ratio Lower Upper

77 100

182 26.6 1.7 41.7

105 24.3 3.0 43.0

51 30.5 9.9 49.9

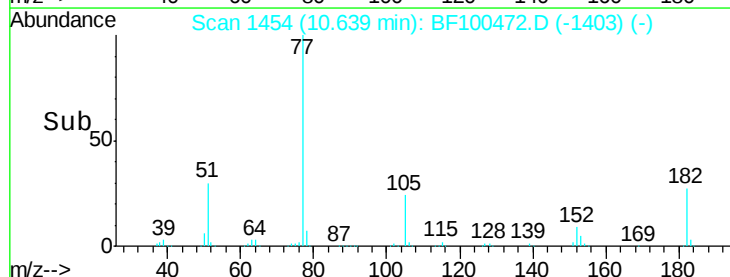
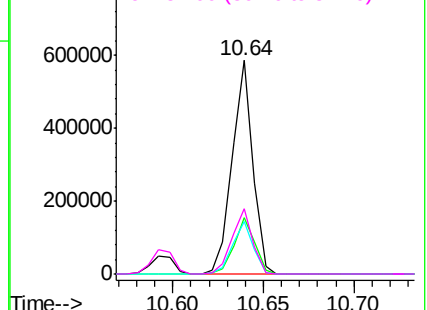


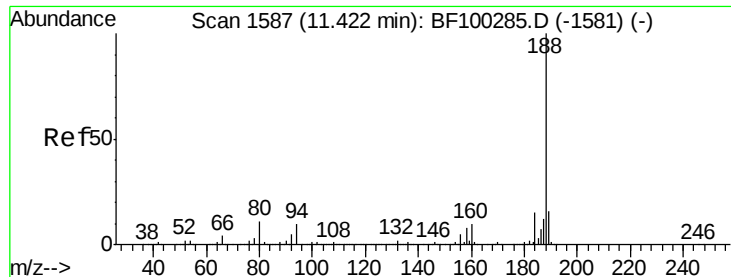
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

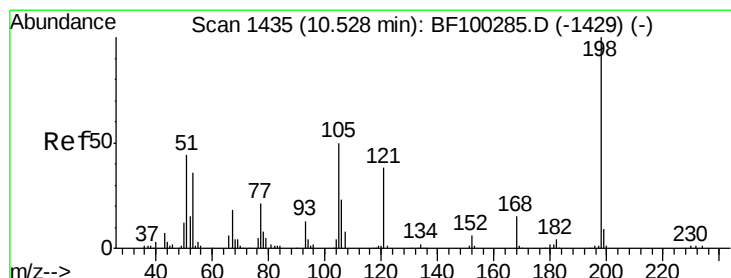
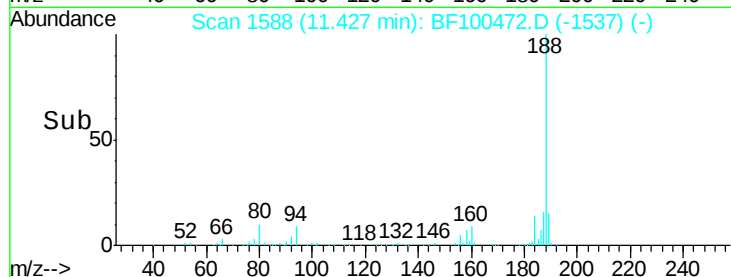
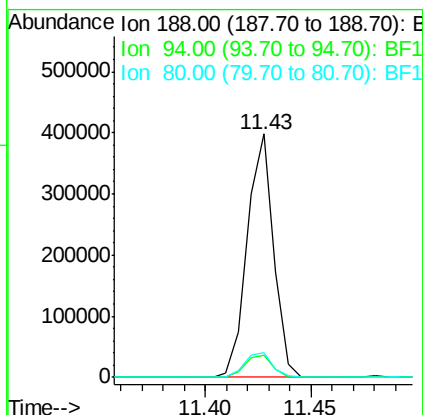
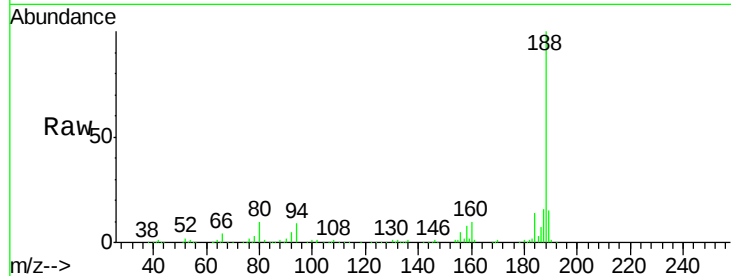




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

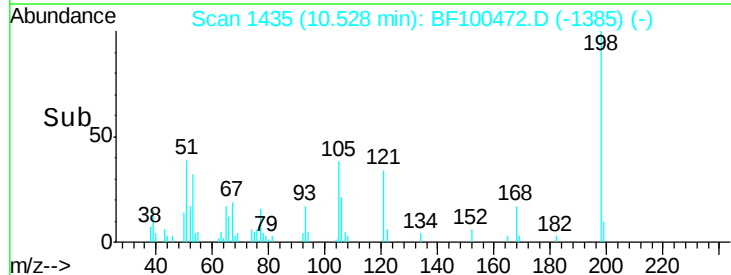
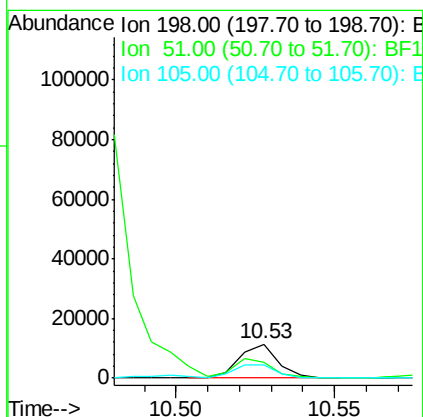
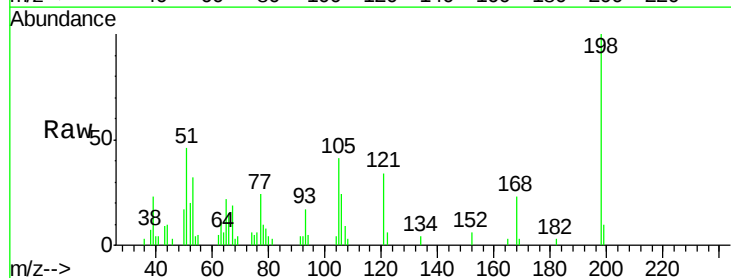
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

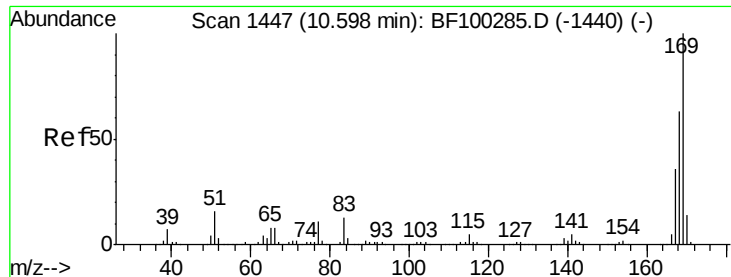
Tgt Ion:188 Resp: 344959
 Ion Ratio Lower Upper
 188 100
 94 9.1 8.5 12.7
 80 10.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 13.05 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion:198 Resp: 9500
 Ion Ratio Lower Upper
 198 100
 51 46.0 37.7 77.7
 105 41.0 36.3 76.3

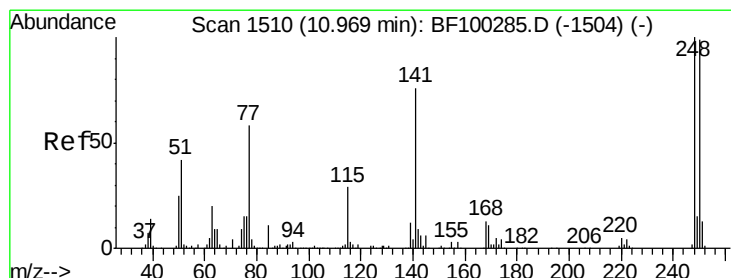
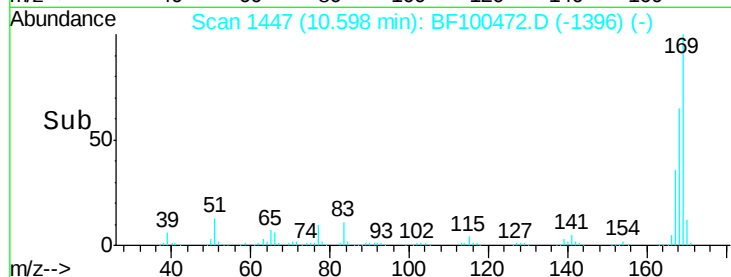
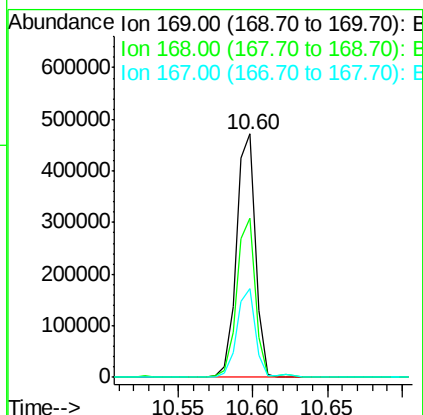
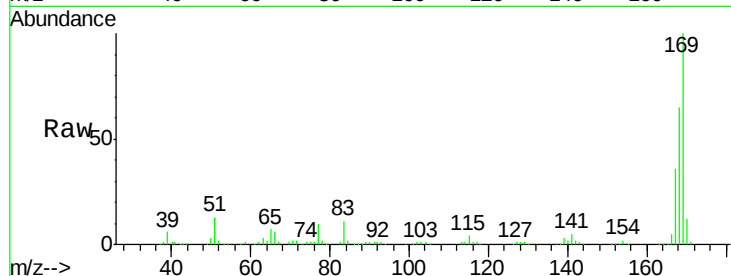




#65
 n-Nitrosodiphenylamine
 Concen: 35.31 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

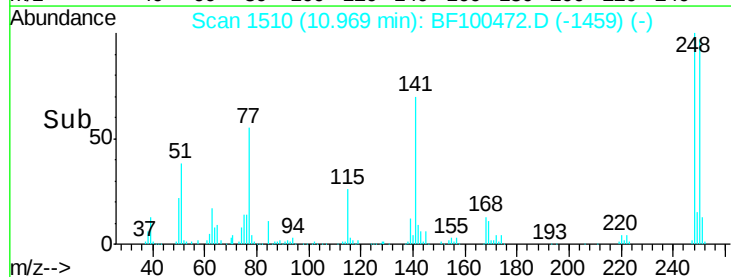
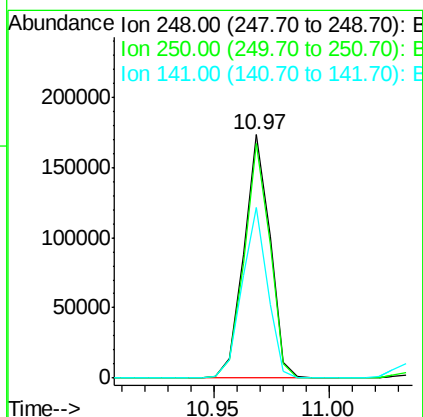
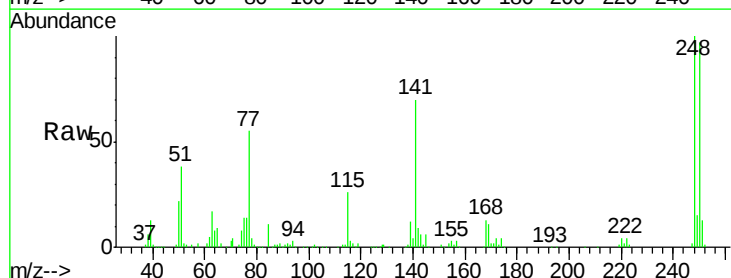
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

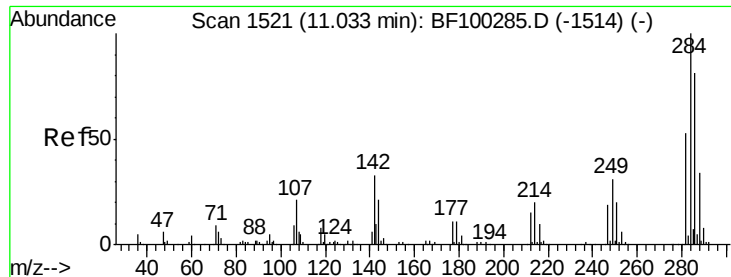
Tgt Ion:169 Resp: 423522
 Ion Ratio Lower Upper
 169 100
 168 65.1 54.4 81.6
 167 36.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.12 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion:248 Resp: 137262
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.9 115.3
 141 70.2 74.4 111.6#





#67

Hexachlorobenzene

Concen: 33.62 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

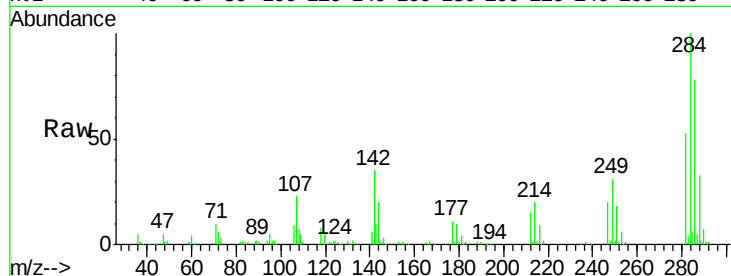
Tgt Ion: 284 Resp: 130018

Ion Ratio Lower Upper

284 100

142 35.0 34.6 52.0

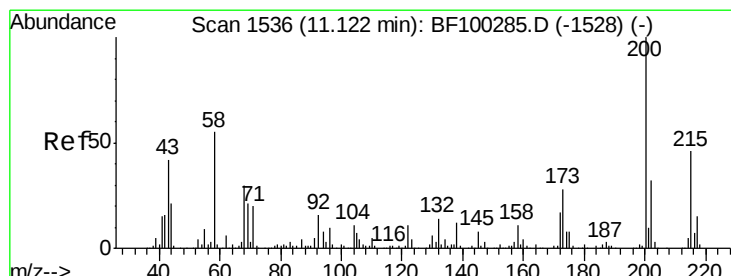
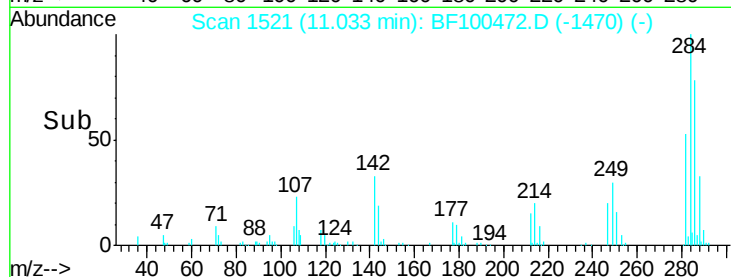
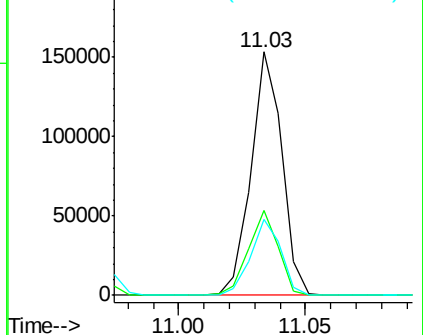
249 31.4 24.8 37.2



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: 36.43 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

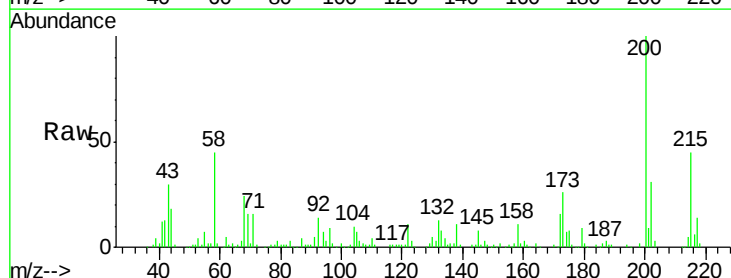
Tgt Ion: 200 Resp: 132281

Ion Ratio Lower Upper

200 100

173 25.6 8.6 48.6

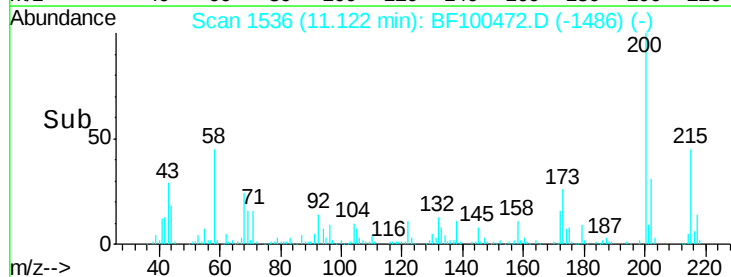
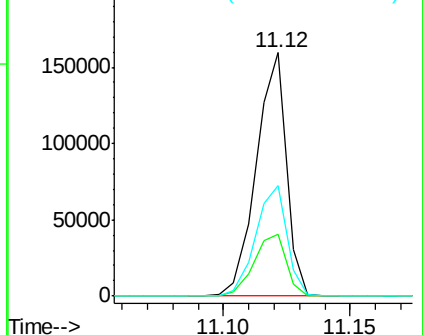
215 45.2 25.1 65.1

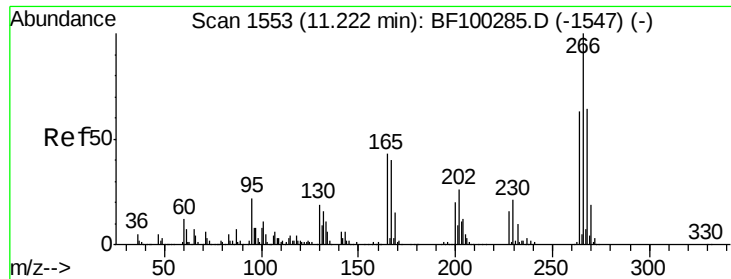


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

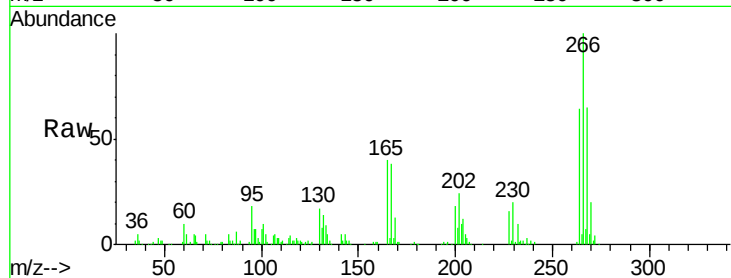




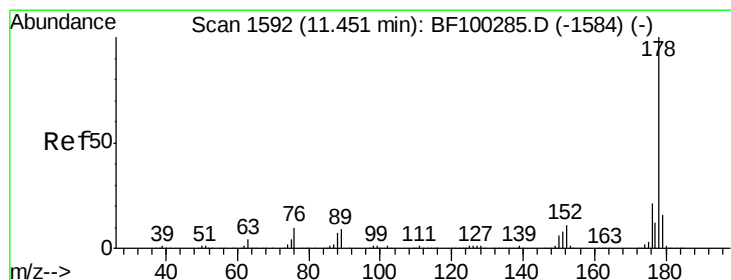
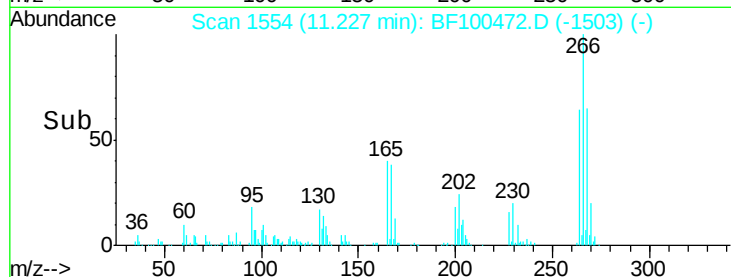
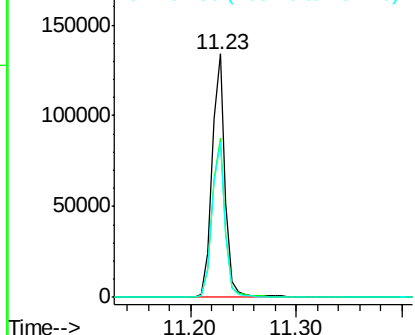
#69
 Pentachlorophenol
 Concen: 42.29 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

Tgt Ion: 266 Resp: 117280
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.1 76.7
 264 64.0 49.5 74.3

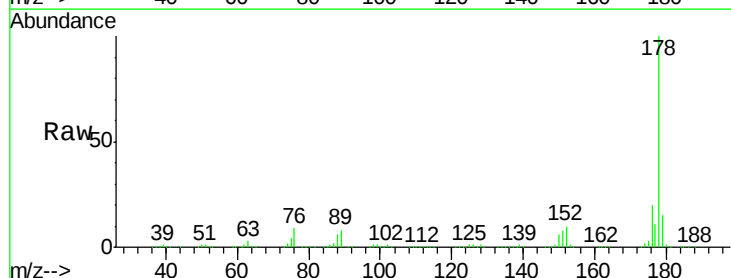


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

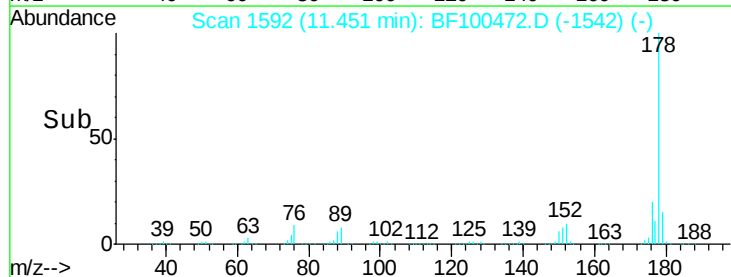
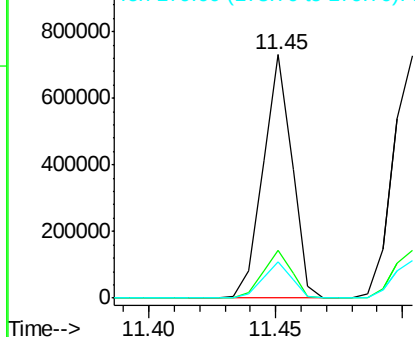


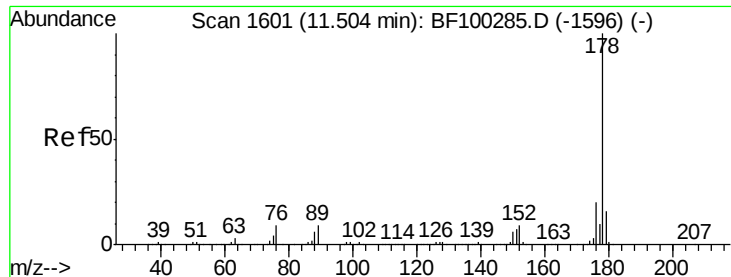
#70
 Phenanthrene
 Concen: 32.20 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion: 178 Resp: 584802
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

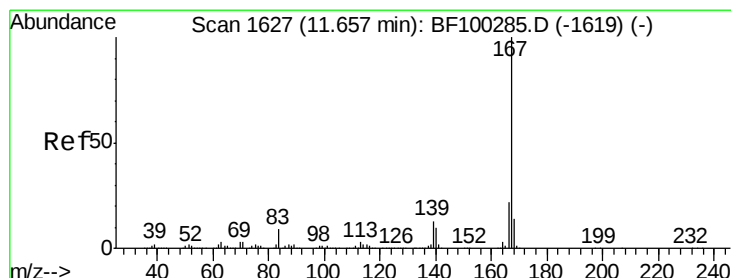
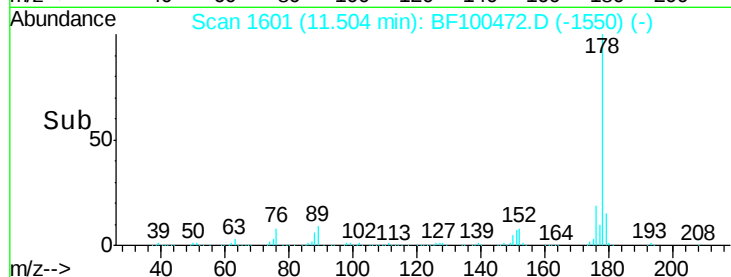
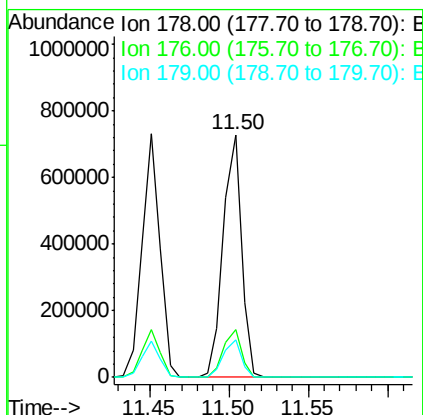
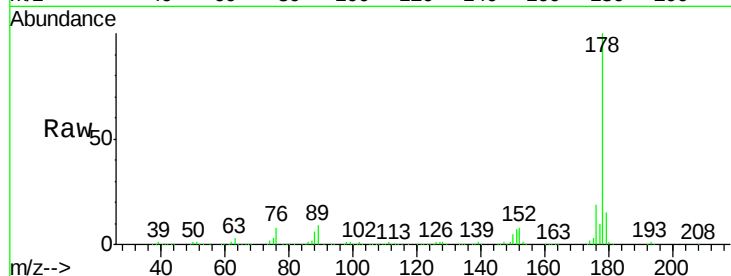




#71
 Anthracene
 Concen: 32.17 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

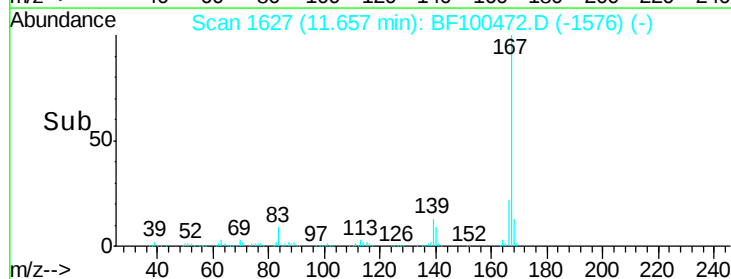
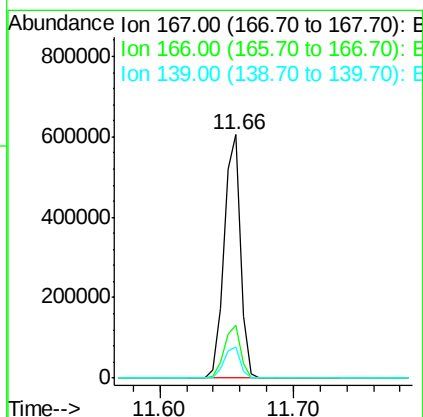
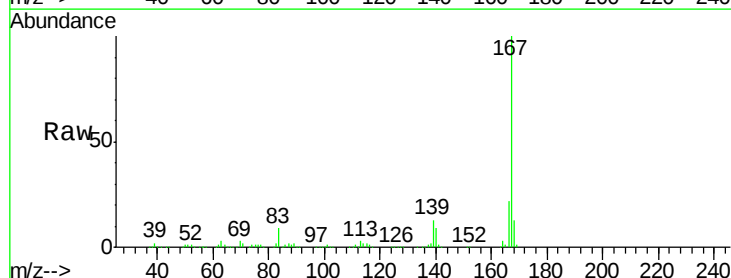
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

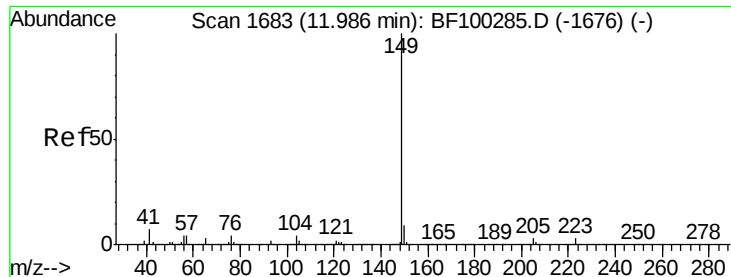
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.6	19.0



#72
 Carbazole
 Concen: 30.99 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.56 ng

RT: 11.98 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

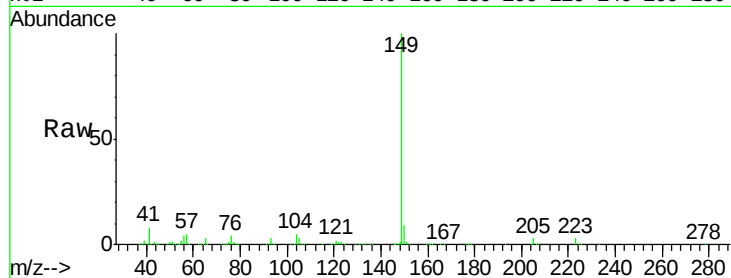
Tgt Ion:149 Resp: 727381

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

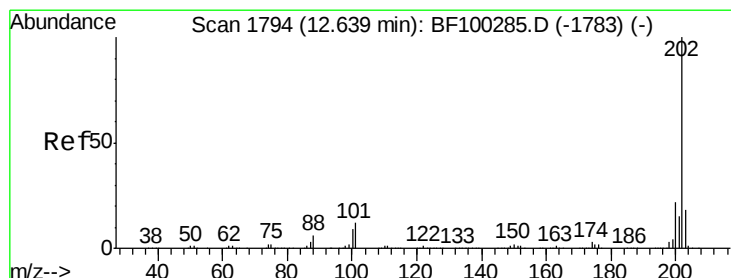
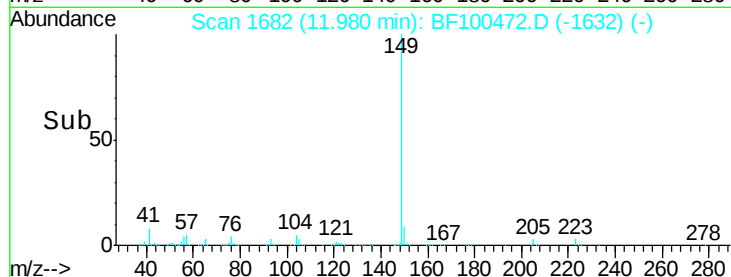
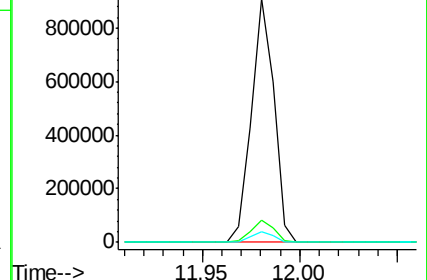
104 4.6 3.8 5.8



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: 29.93 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

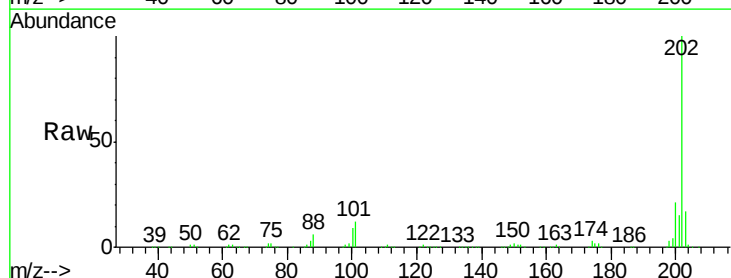
Tgt Ion:202 Resp: 576121

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

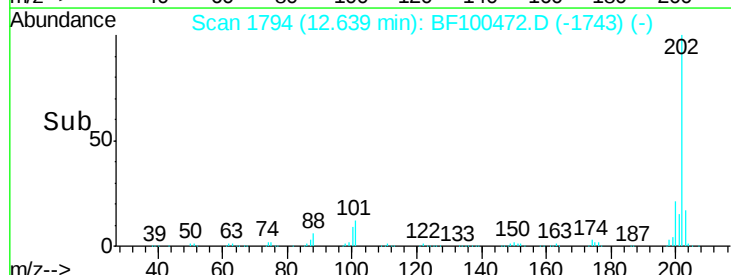
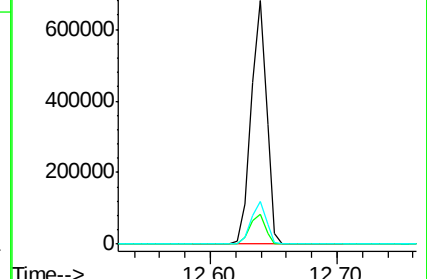
203 17.4 0.0 38.1

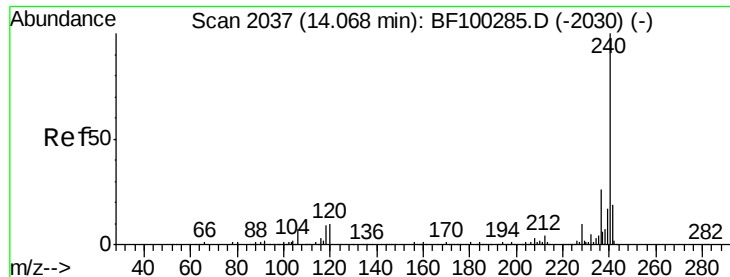


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

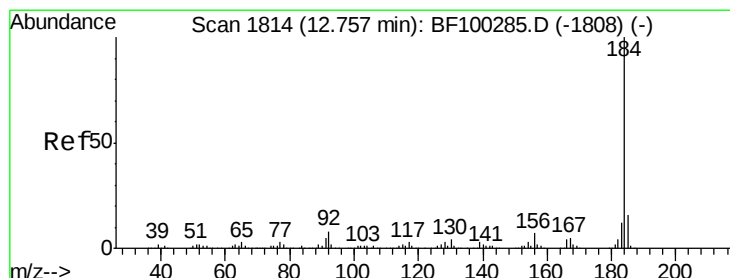
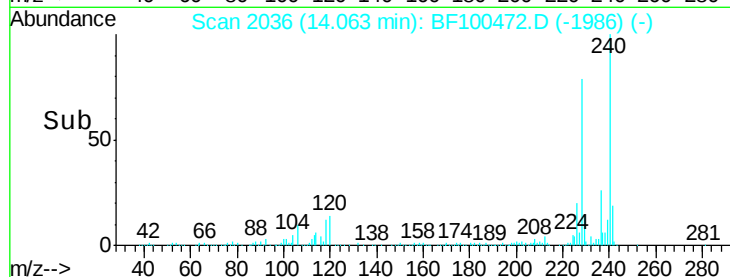
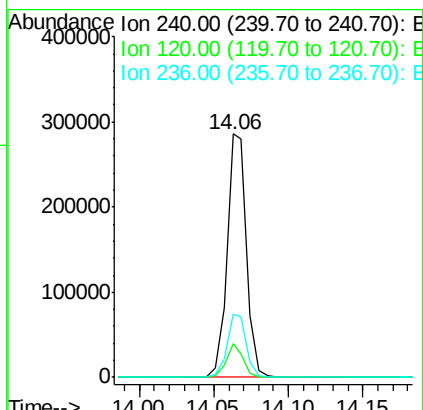
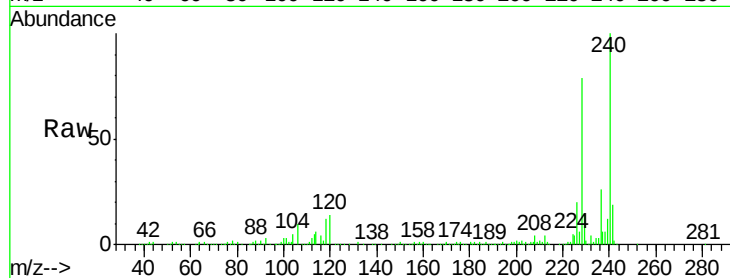




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

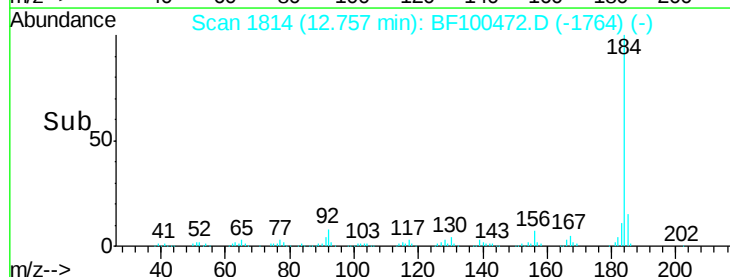
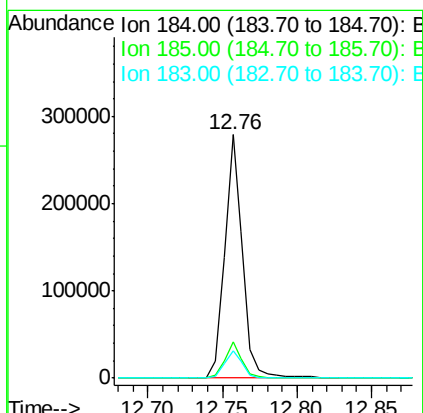
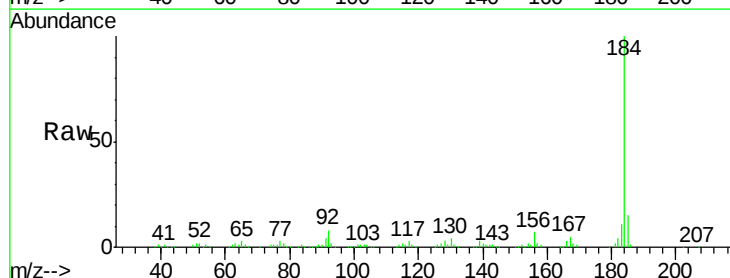
Instrument :
BNA_F
ClientSampleId :
PB104195BS

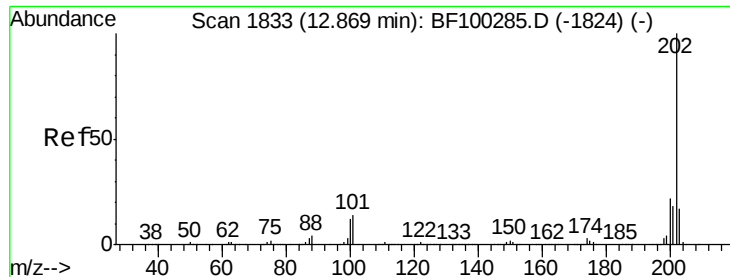
Tgt Ion:240 Resp: 263972
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 25.8 20.7 31.1



#76
Benzidine
Concen: 22.13 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion:184 Resp: 233989
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 11.1 9.3 13.9

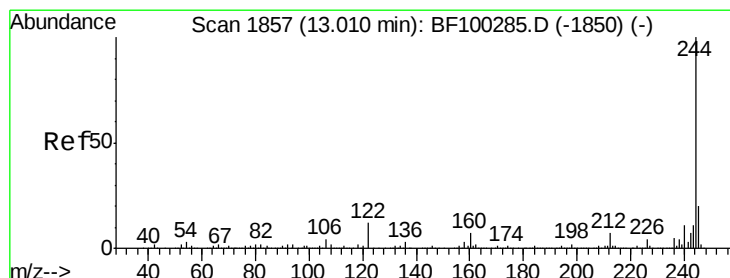
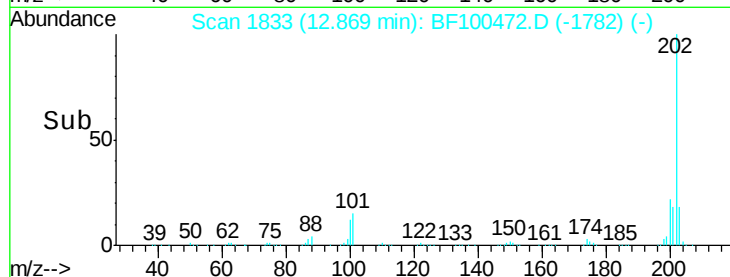
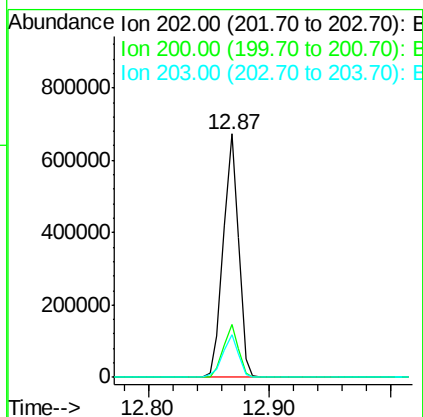
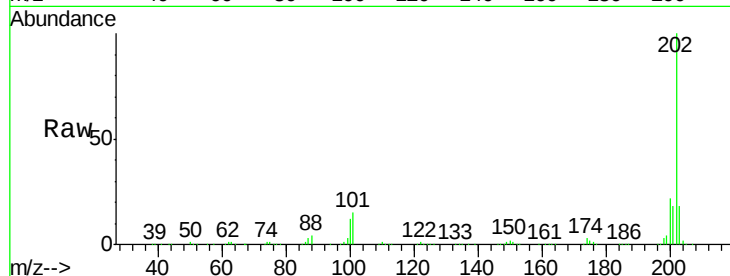




#77
 Pyrene
 Concen: 31.26 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

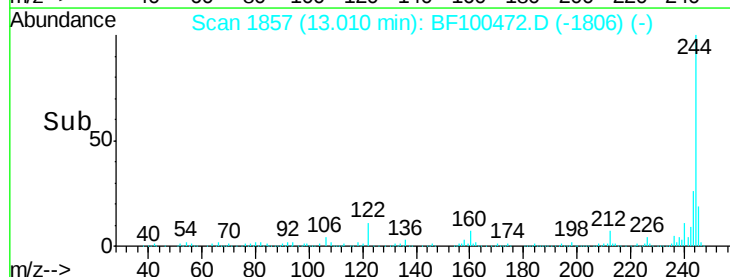
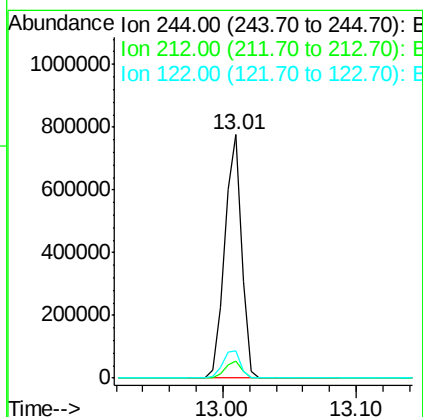
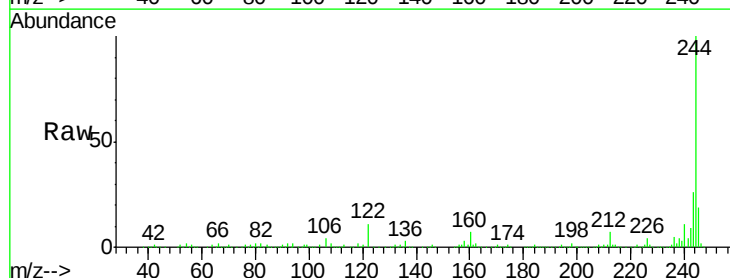
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

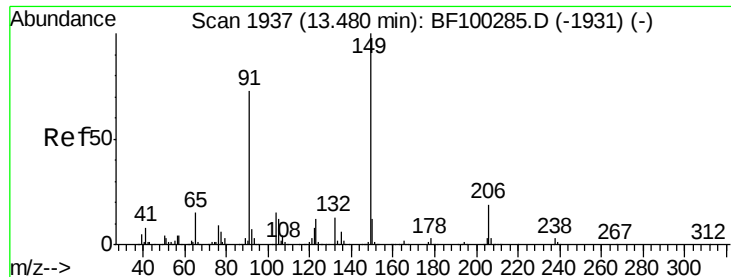
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5



#78
 Terphenyl-d14
 Concen: 60.35 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.2	11.0	16.4

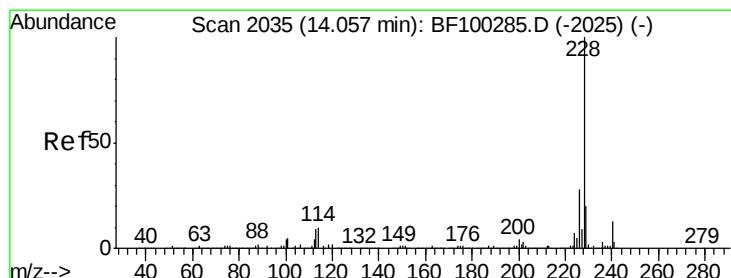
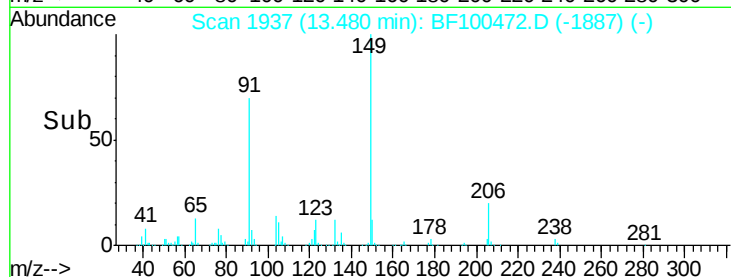
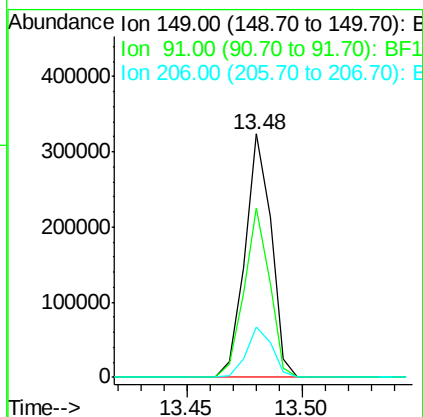
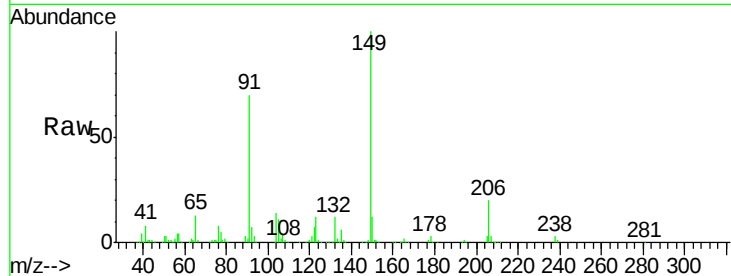




#79
Butylbenzylphthalate
Concen: 33.57 ng
RT: 13.48 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

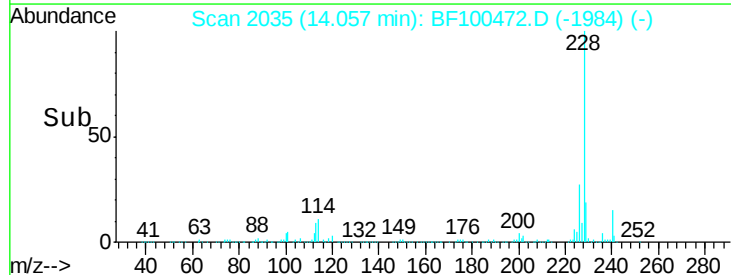
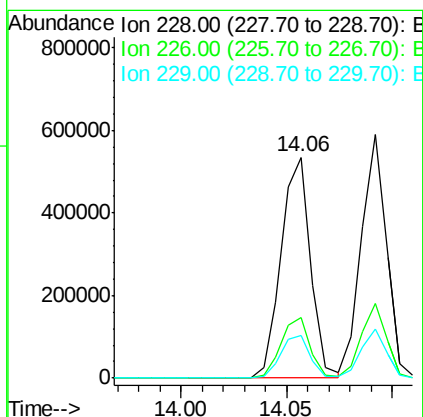
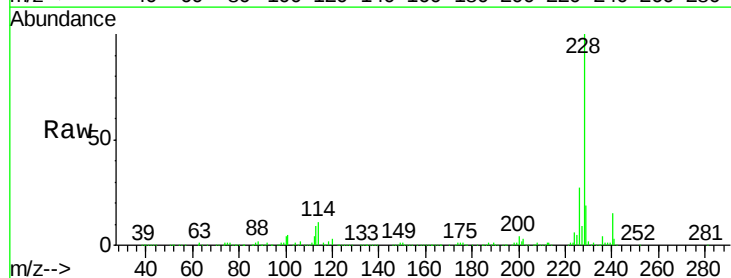
Instrument :
BNA_F
ClientSampleId :
PB104195BS

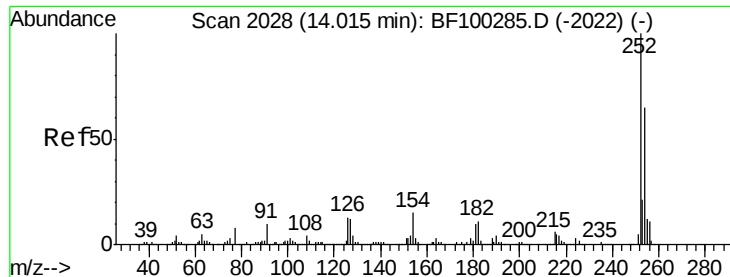
Tgt Ion:149 Resp: 257574
Ion Ratio Lower Upper
149 100
91 69.7 56.8 85.2
206 20.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 32.75 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion:228 Resp: 520605
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.4 15.8 23.6

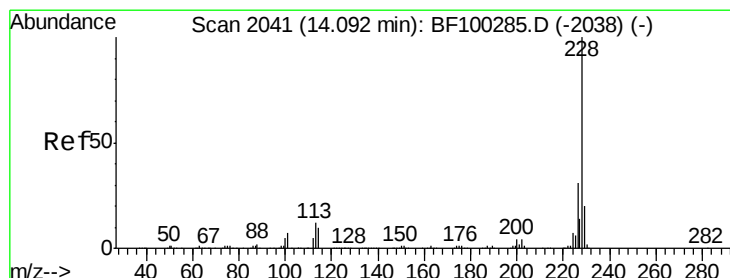
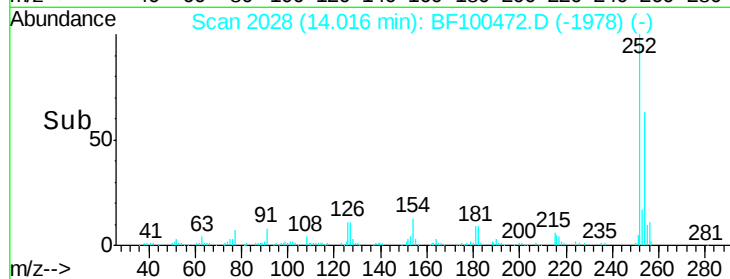
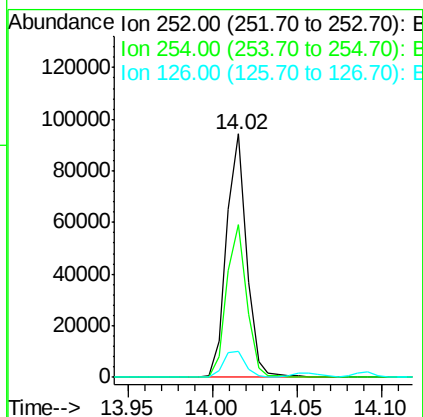
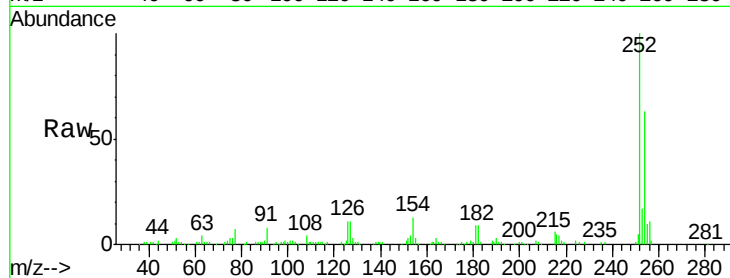




#81
 3,3'-Dichlorobenzidine
 Concen: 13.69 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

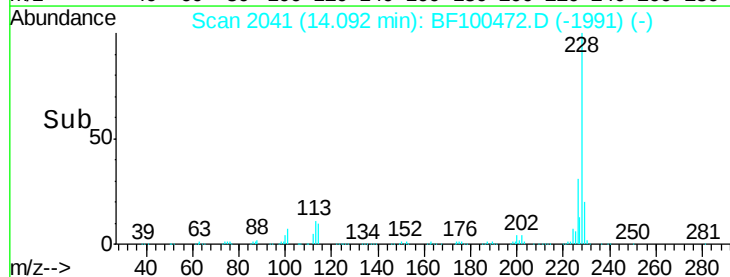
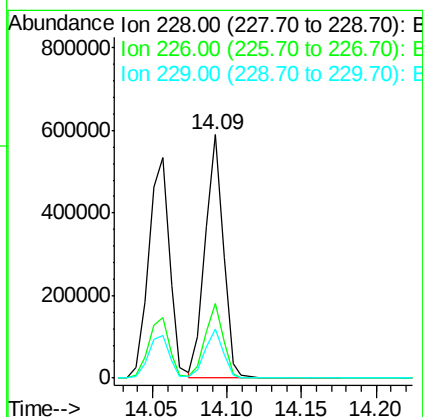
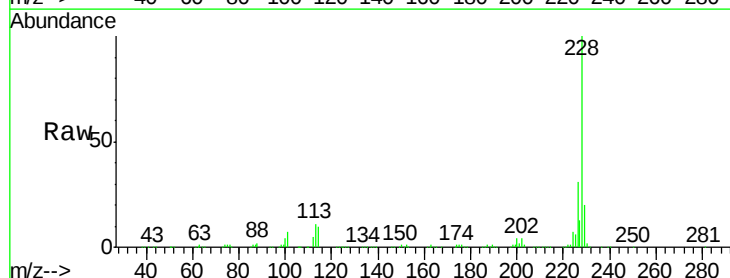
Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

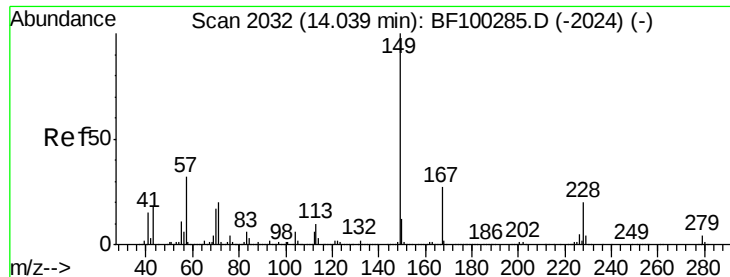
Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	50.4	75.6
126	10.8	11.3	16.9#



#82
 Chrysene
 Concen: 32.15 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.59 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

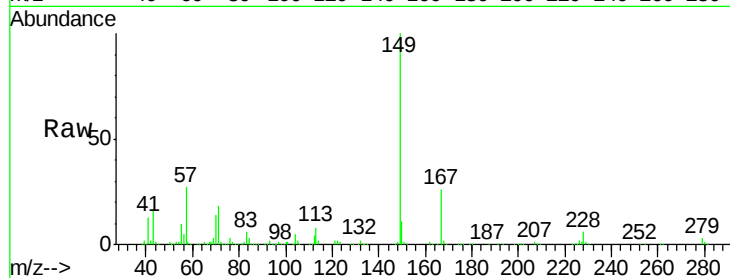
Tgt Ion:149 Resp: 369342

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

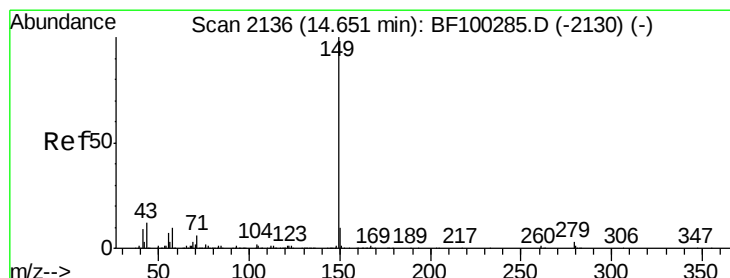
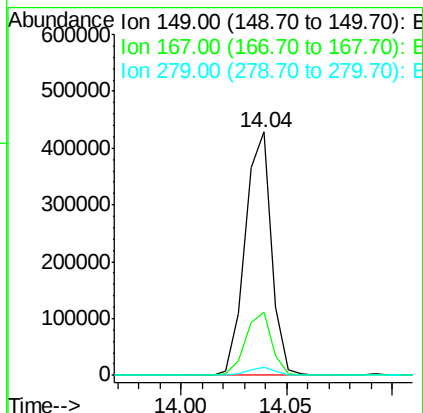
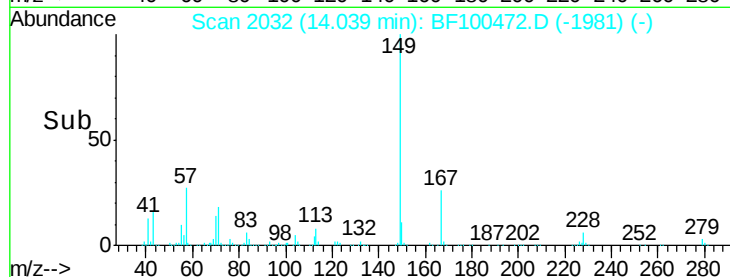
279 3.5 3.0 4.4



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: 35.94 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

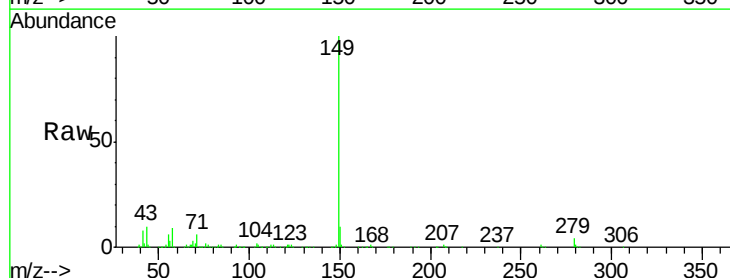
Tgt Ion:149 Resp: 623173

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

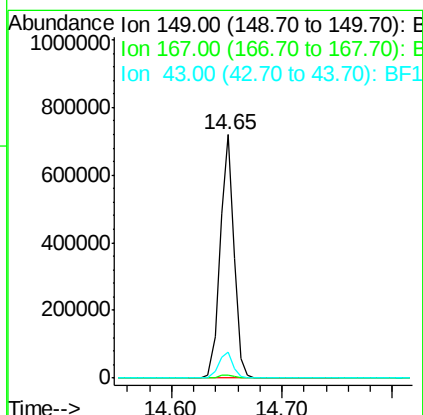
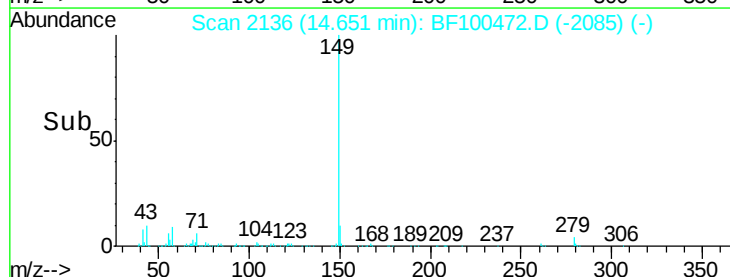
43 10.6 8.4 12.6

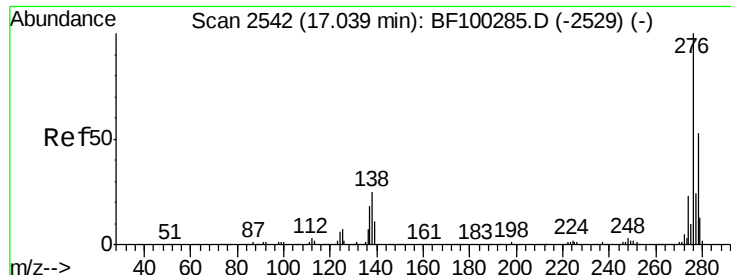


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

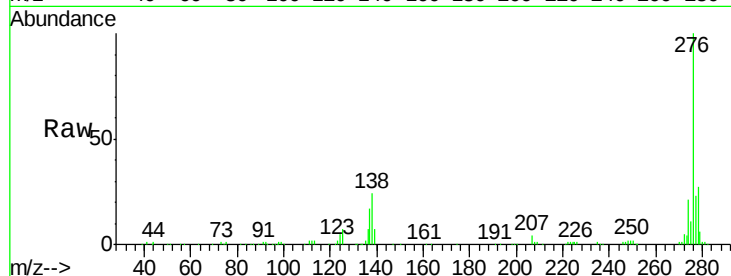




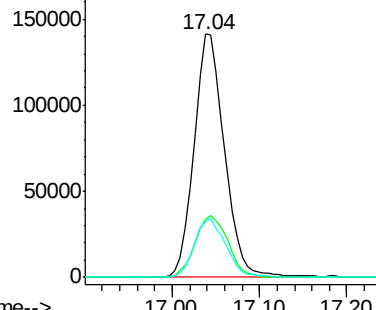
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.00 ng
 RT: 17.04 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PB104195BS

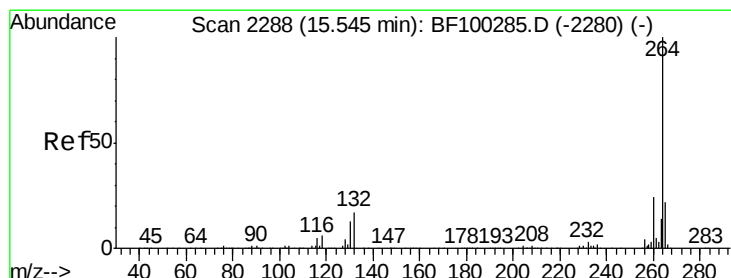
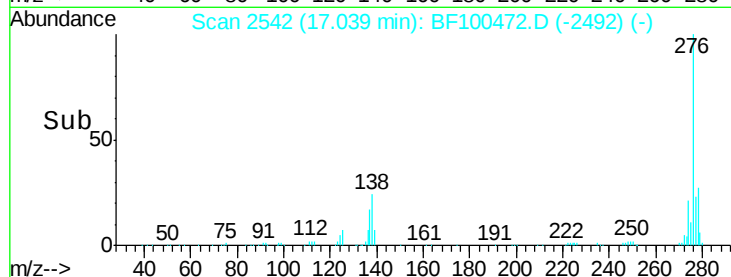
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	24.9	20.1	30.1



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

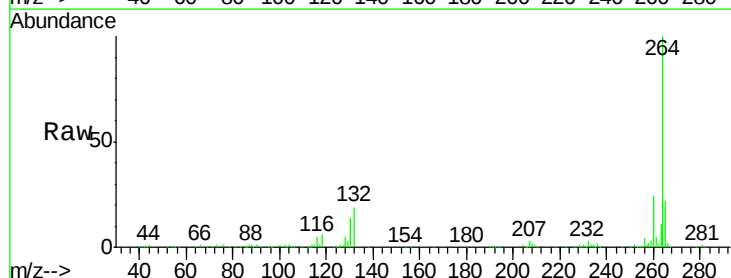


Time-->

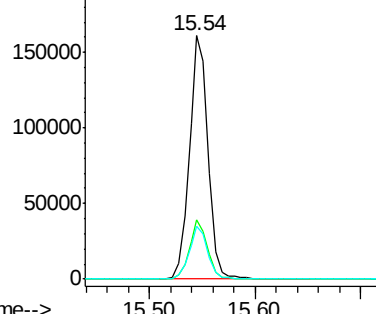


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF100472.D
 Acq: 12 Nov 2017 6:36

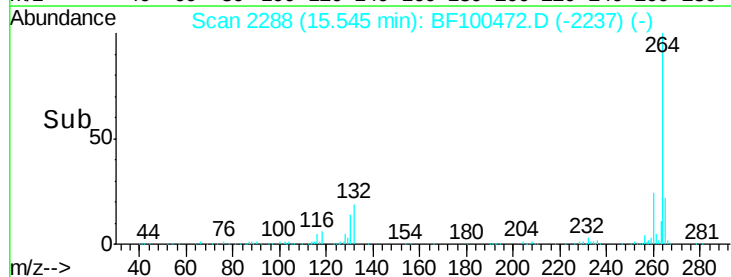
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3

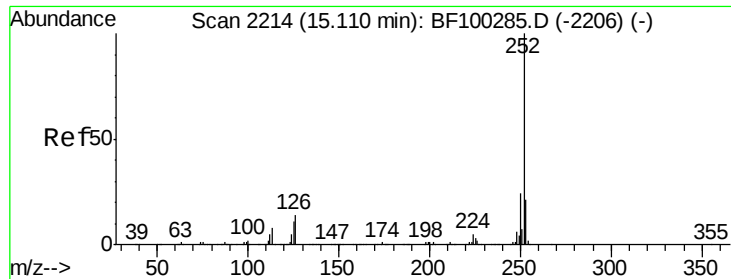


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->

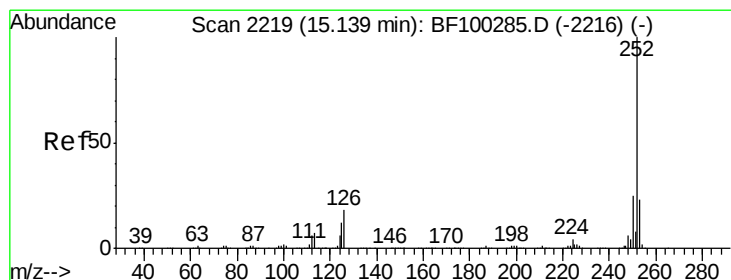
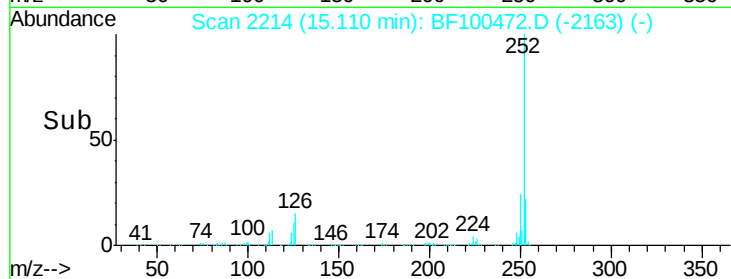
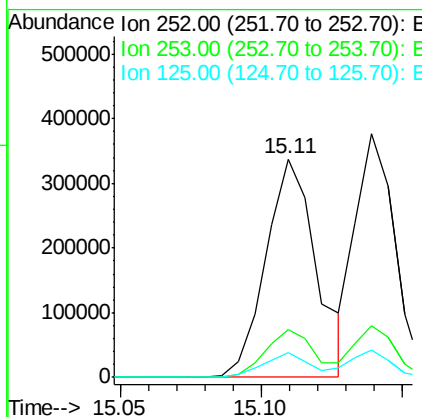
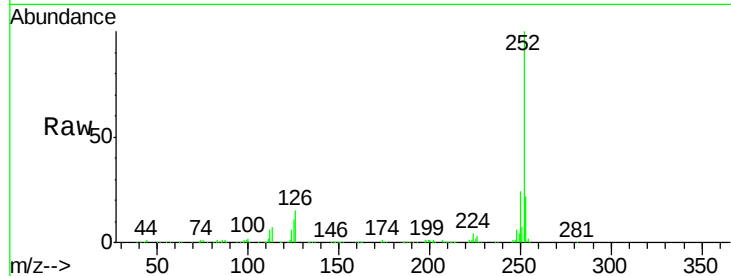




#87
Benzo(b)fluoranthene
Concen: 35.68 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

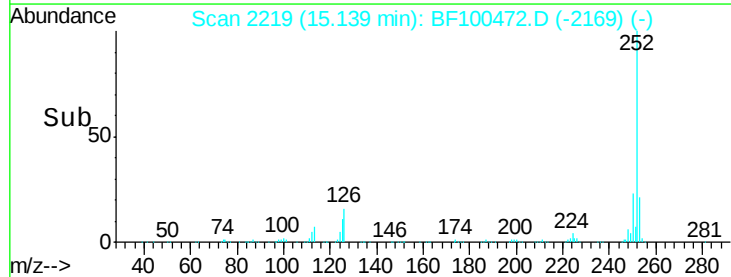
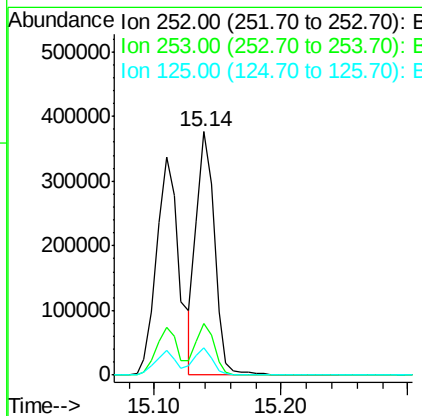
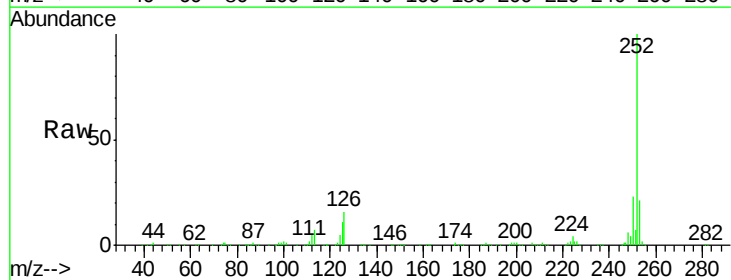
Instrument :
BNA_F
ClientSampleId :
PB104195BS

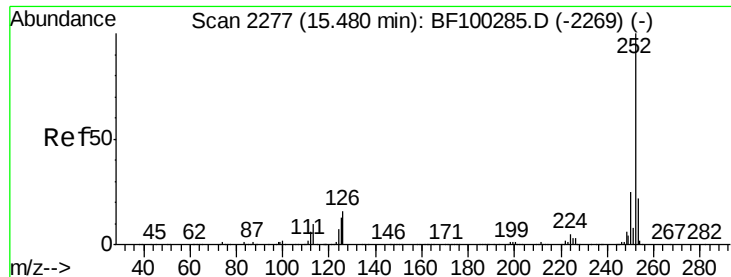
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	11.2	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 33.37 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF100472.D
Acq: 12 Nov 2017 6:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	11.0	10.2	15.2





#89

Benzo(a)pyrene

Concen: 33.35 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

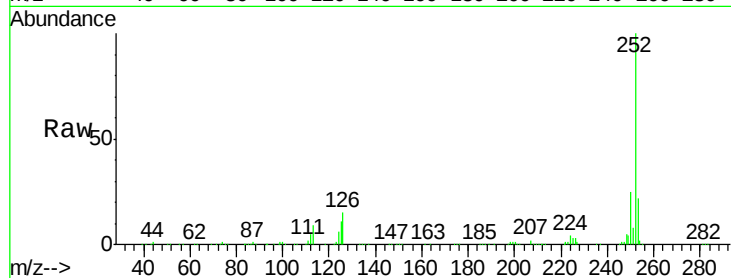
Tgt Ion:252 Resp: 347346

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

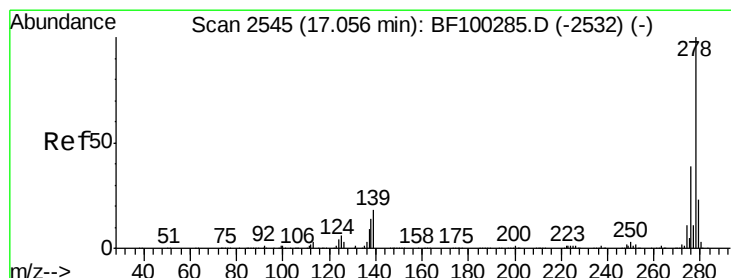
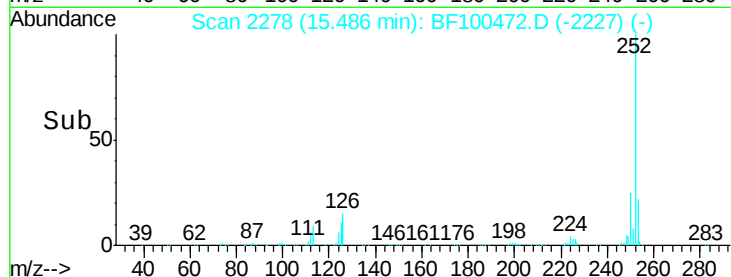
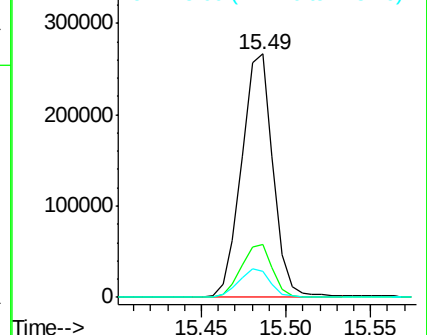
125 10.7 9.8 14.6



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: 33.21 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

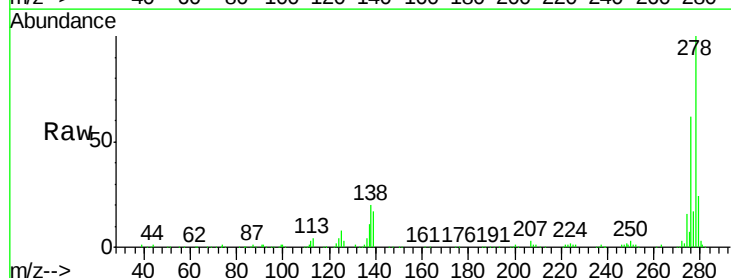
Tgt Ion:278 Resp: 282837

Ion Ratio Lower Upper

278 100

139 16.9 15.9 23.9

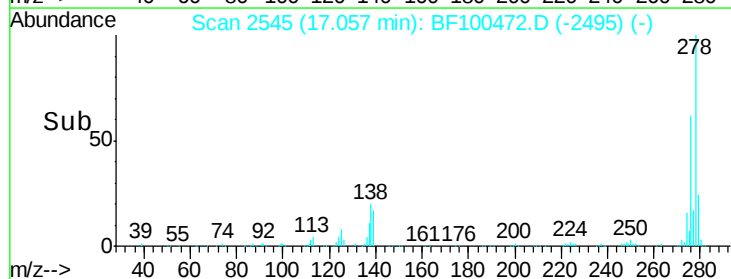
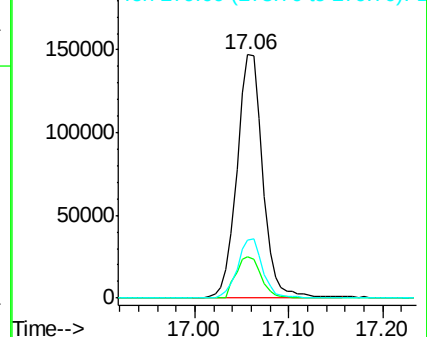
279 23.6 19.0 28.4

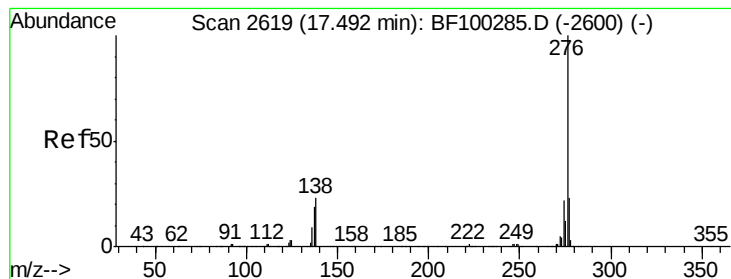


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.11 ng

RT: 17.50 min Scan# 2620

Delta R.T. -0.00 min

Lab File: BF100472.D

Acq: 12 Nov 2017 6:36

Instrument :

BNA_F

ClientSampleId :

PB104195BS

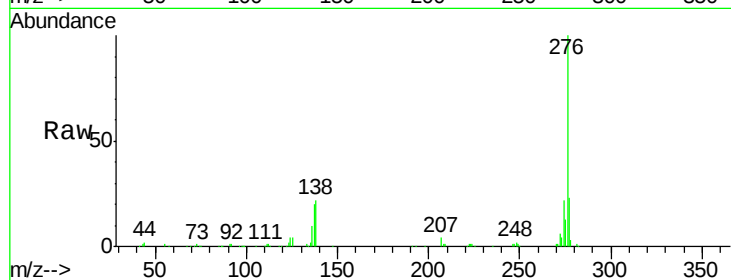
Tgt Ion: 276 Resp: 276033

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 22.3 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

