

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098353.D
 Acq On : 8 Sep 2017 16:29
 Operator : SJ/JU
 Sample : PB102122BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Quant Time: Sep 08 17:22:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 15:02:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	92994	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	372696	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	154724	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	242844	20.00	ng	0.00
75) Chrysene-d12	13.84	240	194908	20.00	ng	0.00
86) Perylene-d12	15.24	264	194641	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	735188	120.25	ng	0.02
7) Phenol-d6	6.34	99	972263	117.04	ng	0.01
23) Nitrobenzene-d5	7.26	82	589959	85.99	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	162951	121.38	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	964150	91.55	ng	0.00
78) Terphenyl-d14	12.79	244	623040	66.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	112198	32.907	ng	# 84
3) Pyridine	3.09	79	310693	32.962	ng	# 79
4) n-Nitrosodimethylamine	3.05	42	103246	28.467	ng	# 58
6) Aniline	6.35	93	252776	21.662	ng	# 1
8) 2-Chlorophenol	6.47	128	258568	40.103	ng	97
9) Benzaldehyde	6.23	77	57383	10.906	ng	90
10) Phenol	6.35	94	339864	34.983	ng	96
11) bis(2-Chloroethyl)ether	6.43	93	280319	38.229	ng	93
12) 1,3-Dichlorobenzene	6.70	146	271452	39.141	ng	98
13) 1,4-Dichlorobenzene	6.70	146	271452	38.485	ng	96
14) 1,2-Dichlorobenzene	6.86	146	249164	38.311	ng	97
15) Benzyl Alcohol	6.83	79	220578	35.467	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	321360	32.573	ng	80
17) 2-Methylphenol	6.96	107	225833	39.746	ng	# 92
18) Hexachloroethane	7.19	117	100730	36.425	ng	# 85
19) n-Nitroso-di-n-propylamine	7.11	70	193433	34.017	ng	# 86
20) 3+4-Methylphenols	7.11	107	281088	40.504	ng	# 73
22) Acetophenone	7.10	105	369335	37.512	ng	# 83
24) Nitrobenzene	7.27	77	297387	38.931	ng	97
25) Isophorone	7.52	82	538494	37.748	ng	100
26) 2-Nitrophenol	7.59	139	132940	48.032	ng	# 86
27) 2,4-Dimethylphenol	7.63	122	234521	39.419	ng	94
28) bis(2-Chloroethoxy)methane	7.73	93	362456	38.647	ng	99
29) 2,4-Dichlorophenol	7.83	162	205355	41.581	ng	95
30) 1,2,4-Trichlorobenzene	7.91	180	218465	39.904	ng	100
31) Naphthalene	7.99	128	754353	38.988	ng	100
32) Benzoic acid	7.77	122	118757	30.145	ng	93
33) 4-Chloroaniline	8.05	127	118264	14.493	ng	96
34) Hexachlorobutadiene	8.10	225	127252	39.809	ng	96
35) Caprolactam	8.42	113	71222	42.420	ng	92
36) 4-Chloro-3-methylphenol	8.54	107	241005	37.982	ng	# 79
37) 2-Methylnaphthalene	8.68	142	487030	41.057	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	202449	42.635	ng	98
40) Hexachlorocyclopentadiene	8.83	237	84198	36.910	ng	99

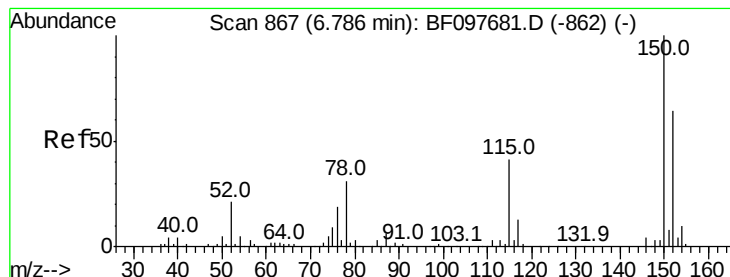
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	132422	41.538	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	130770	41.348	nq #	94
45) 1,1'-Biphenyl	9.15	154	572756	40.594	nq	96
46) 2-Chloronaphthalene	9.17	162	415502	39.856	nq #	92
47) 2-Nitroaniline	9.27	65	146406	41.891	nq	87
48) Acenaphthylene	9.59	152	641040	39.157	nq	100
49) Dimethylphthalate	9.45	163	504894	44.642	nq	99
50) 2,6-Dinitrotoluene	9.52	165	101275	44.861	nq #	69
51) Acenaphthene	9.76	154	378866	36.694	nq	99
52) 3-Nitroaniline	9.68	138	70670	24.263	nq	91
53) 2,4-Dinitrophenol	9.80	184	13148	20.833	nq #	75
54) Dibenzofuran	9.93	168	554676	40.084	nq	98
55) 4-Nitrophenol	9.86	139	121697	52.377	nq #	53
56) 2,4-Dinitrotoluene	9.92	165	117357	41.423	nq #	56
57) Fluorene	10.27	166	409745	38.299	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.05	232	92910	37.943	nq	91
59) Diethylphthalate	10.15	149	484986	41.006	nq	99
60) 4-Chlorophenyl-phenylether	10.26	204	202080	40.658	nq #	86
61) 4-Nitroaniline	10.29	138	90087	32.542	nq	78
62) Azobenzene	10.42	77	533934	38.005	nq	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	13403	18.003	nq #	73
65) n-Nitrosodiphenylamine	10.39	169	379405	45.880	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	117021	46.404	nq #	91
67) Hexachlorobenzene	10.82	284	105945	41.218	nq #	86
68) Atrazine	10.92	200	107042	48.809	nq	98
69) Pentachlorophenol	11.02	266	84701	56.518	nq	99
70) Phenanthrene	11.23	178	521379	40.291	nq	99
71) Anthracene	11.28	178	535114	40.770	nq	99
72) Carbazole	11.44	167	477917	38.361	nq	97
73) Di-n-butylphthalate	11.77	149	673838	46.956	nq	99
74) Fluoranthene	12.41	202	511962	37.904	nq	98
76) Benzidine	12.54	184	362252	56.685	nq #	92
77) Pyrene	12.64	202	517580	32.468	nq	98
79) Butylbenzylphthalate	13.26	149	246820	40.384	nq #	76
80) Benzo(a)anthracene	13.83	228	443951	38.004	nq	98
81) 3,3'-Dichlorobenzidine	13.79	252	164328	41.688	nq #	97
82) Chrysene	13.86	228	453128	38.994	nq	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	330790	48.842	nq #	100
84) Di-n-octyl phthalate	14.43	149	636269	53.994	nq	96
85) Indeno(1,2,3-cd)pyrene	16.60	276	398669	46.636	nq	96
87) Benzo(b)fluoranthene	14.85	252	488729	39.835	nq	98
88) Benzo(k)fluoranthene	14.87	252	437948	37.995	nq #	95
89) Benzo(a)pyrene	15.19	252	448893	41.330	nq	99
90) Dibenzo(a,h)anthracene	16.62	278	339034	38.342	nq	99
91) Benzo(g,h,i)perylene	17.01	276	315669	34.214	nq	94

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

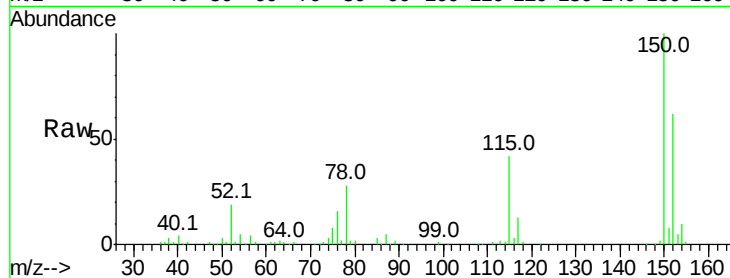


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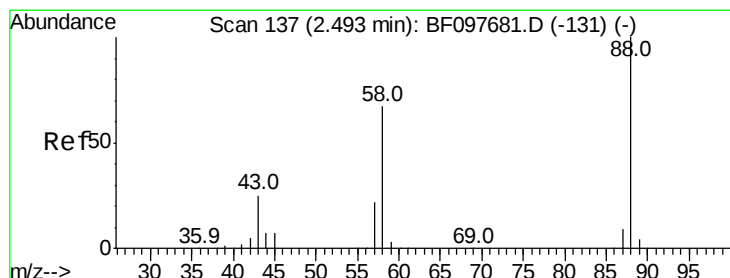
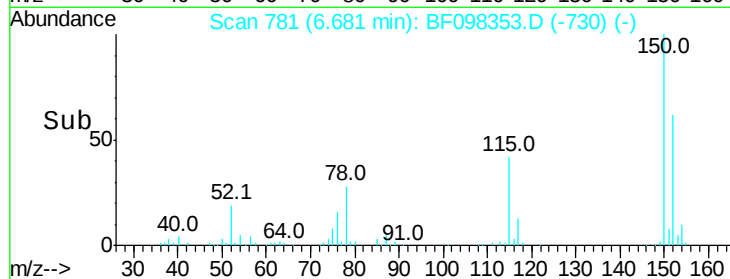
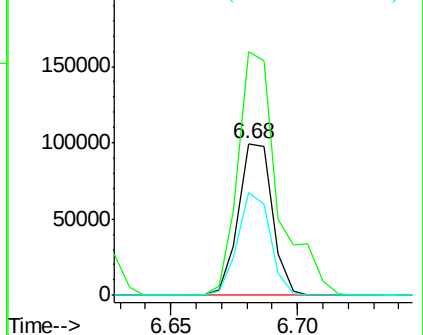
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion:152 Resp: 92994
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 67.5 52.2 78.2



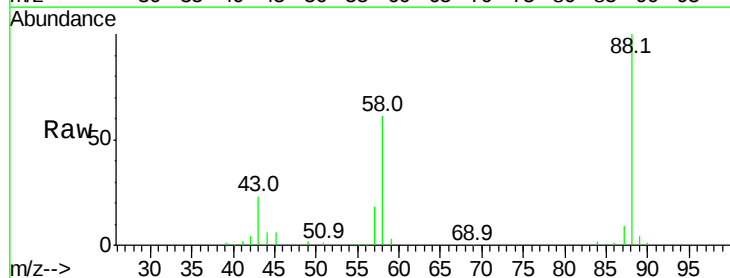
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



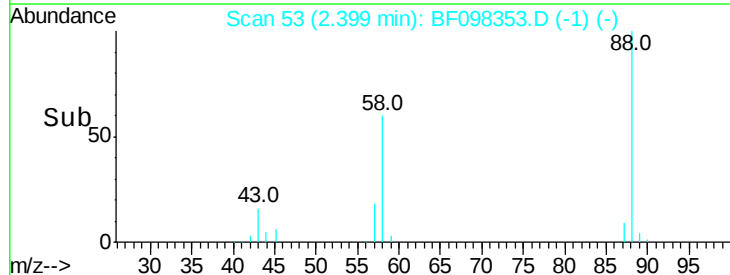
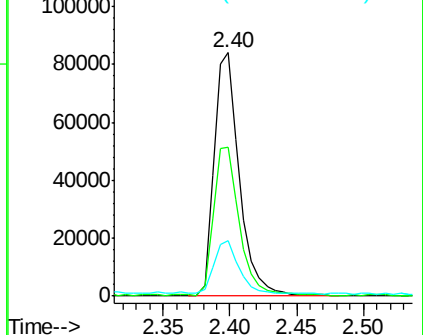
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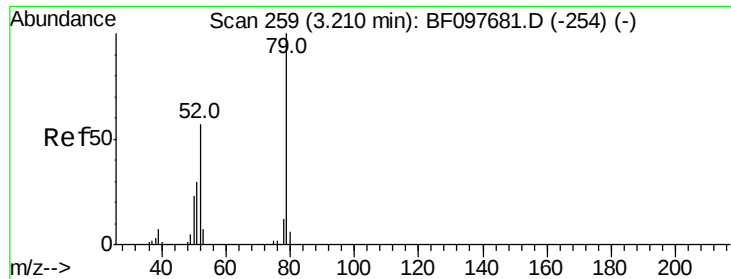
1,4-Dioxane
Concen: 32.907 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.09 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion: 88 Resp: 112198
Ion Ratio Lower Upper
88 100
58 63.3 61.4 92.0
43 20.9 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

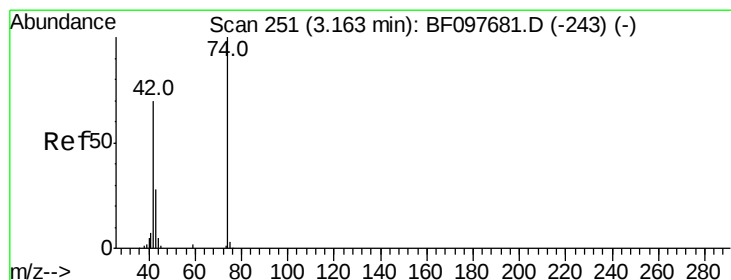
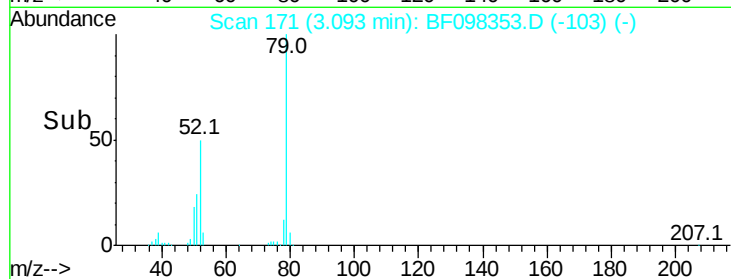
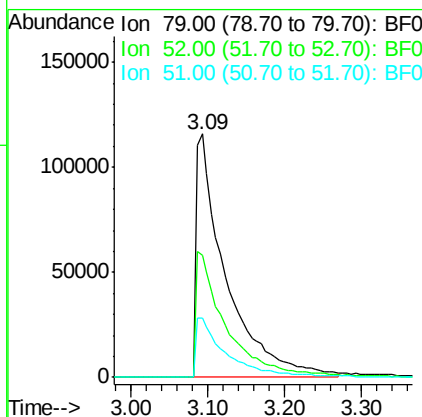
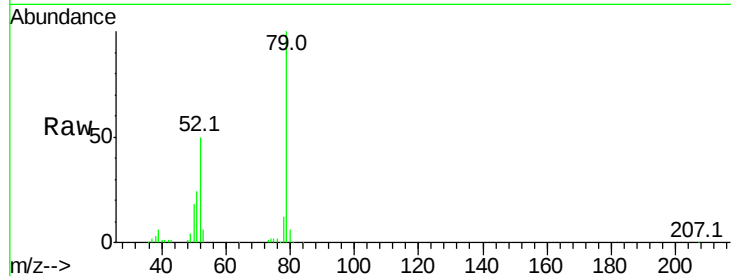




#3
 Pvridine
 Concen: 32.962 ng
 RT: 3.09 min Scan# 171
 Delta R.T. 0.10 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

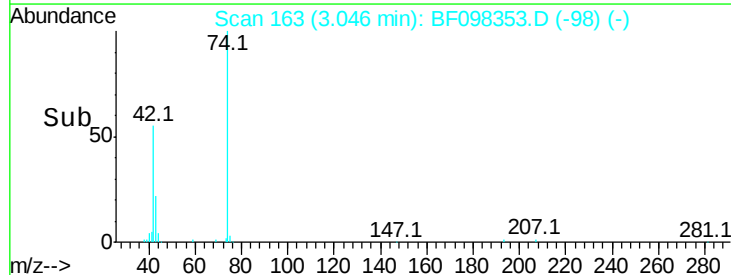
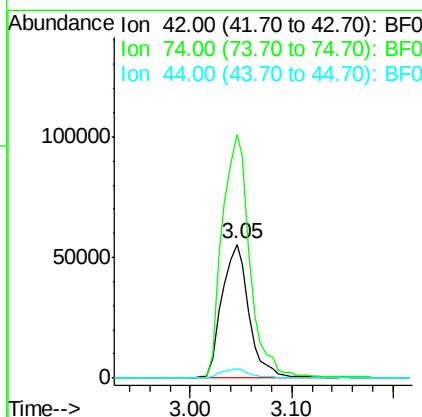
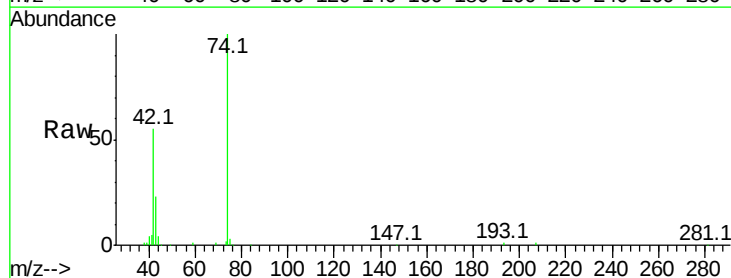
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

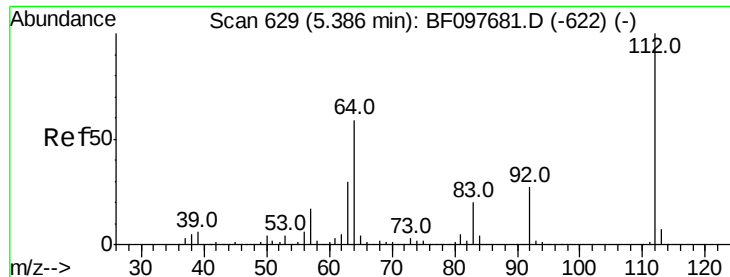
Tot Ion: 79 Resp: 310693
 Ion Ratio Lower Upper
 79 100
 52 50.3 54.8 82.2#
 51 24.1 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 28.467 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.08 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion: 42 Resp: 103246
 Ion Ratio Lower Upper
 42 100
 74 181.8 103.9 155.9#
 44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 120.252 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.02 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

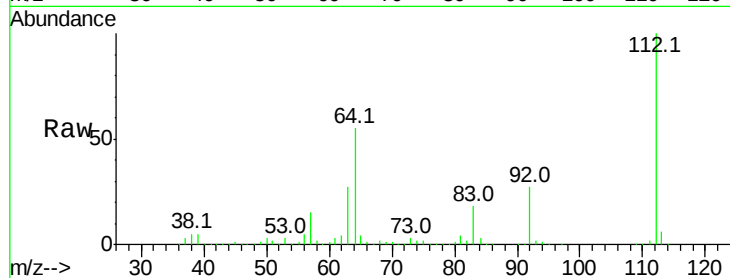
Tot Ion:112 Resp: 735188

Ion Ratio Lower Upper

112 100

64 55.5 46.0 69.0

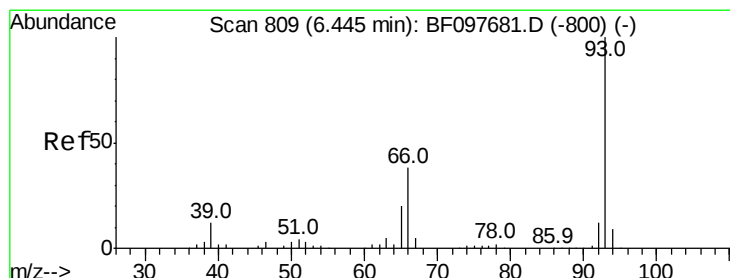
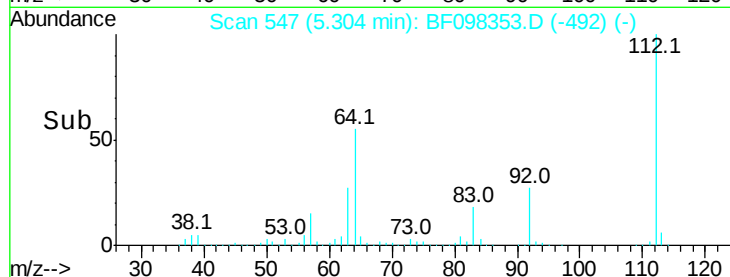
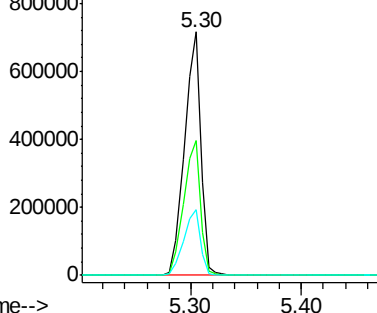
63 27.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.662 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

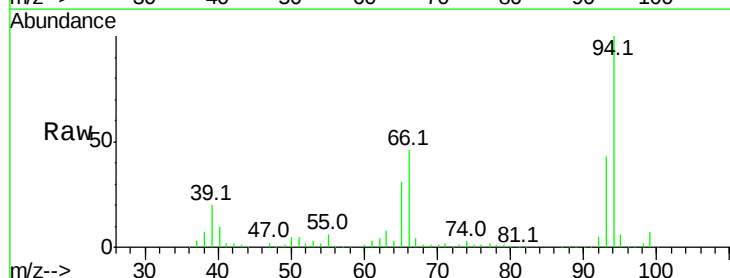
Tgt Ion: 93 Resp: 252776

Ion Ratio Lower Upper

93 100

66 106.5 32.9 49.3#

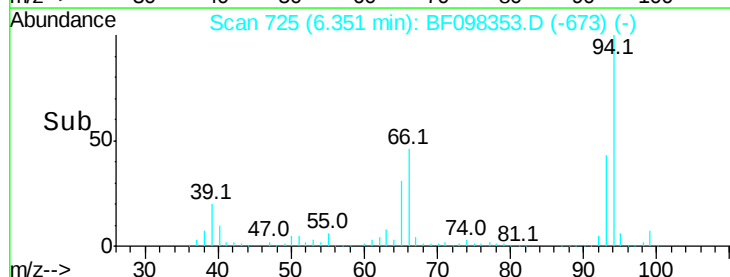
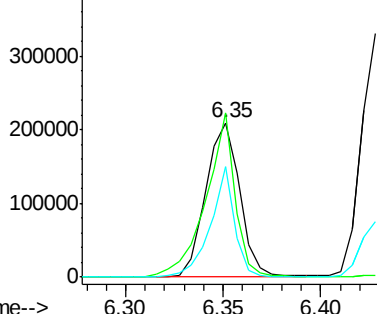
65 71.3 16.0 24.0#

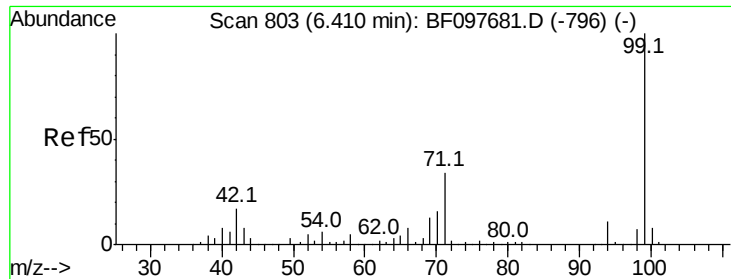


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.045 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

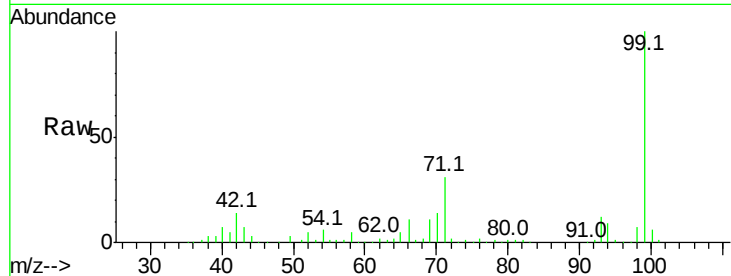
Tot Ion: 99 Resp: 972263

Ion Ratio Lower Upper

99 100

42 13.9 13.5 20.3

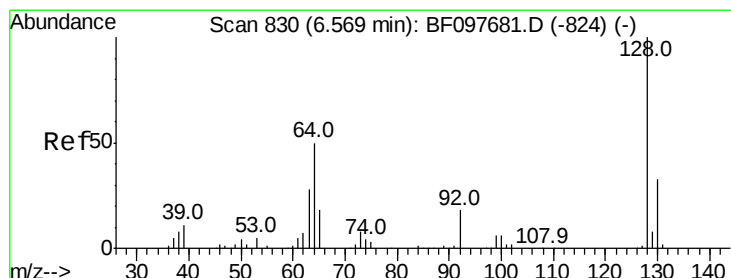
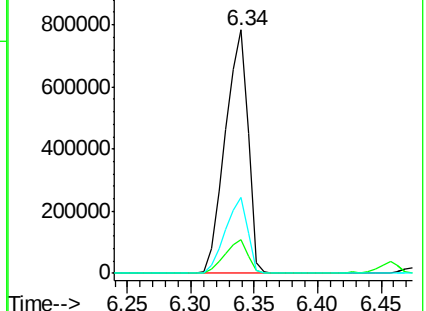
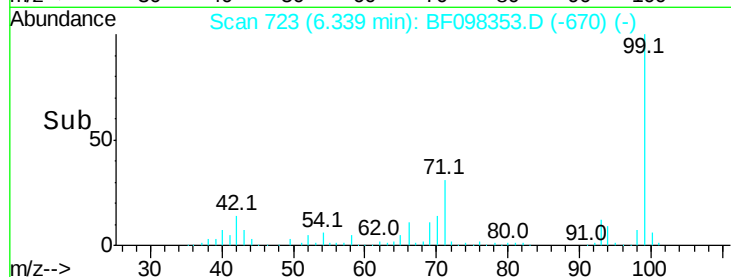
71 31.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.103 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

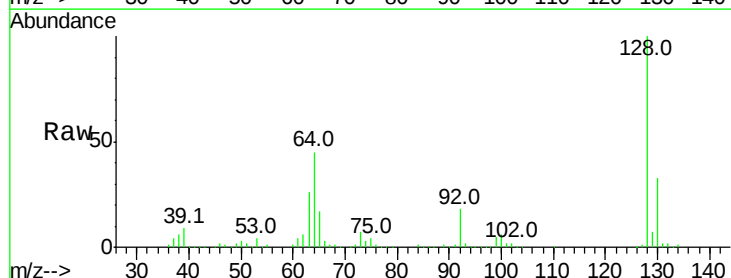
Tgt Ion: 128 Resp: 258568

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

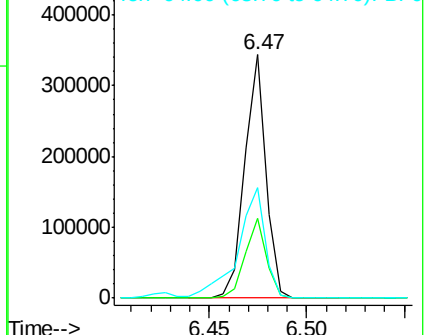
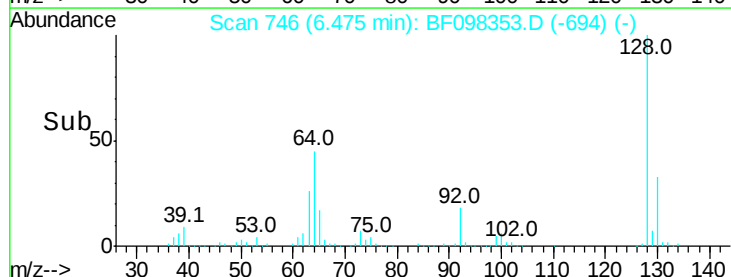
64 45.2 28.4 68.4

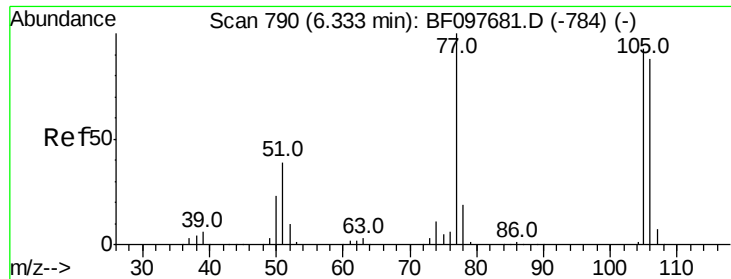


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

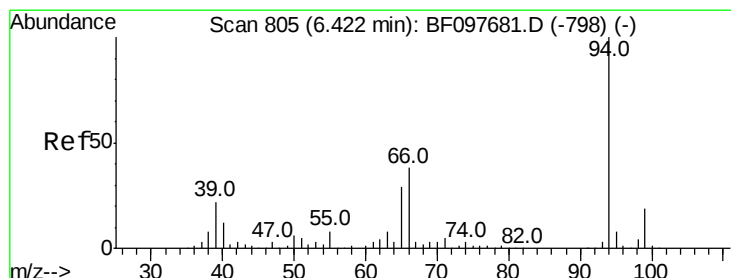
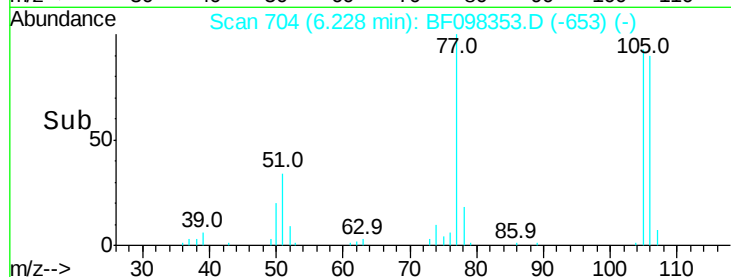
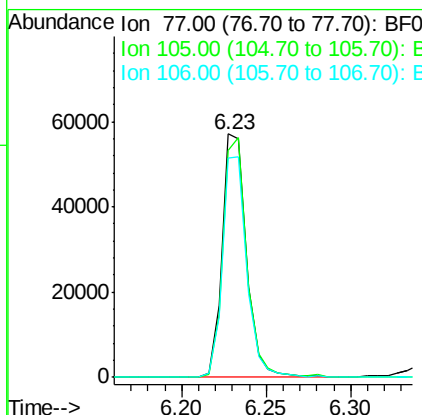
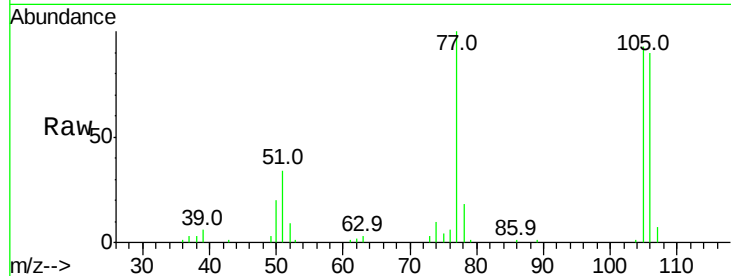




#9
Benzaldehyde
Concen: 10.906 ng
RT: 6.23 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

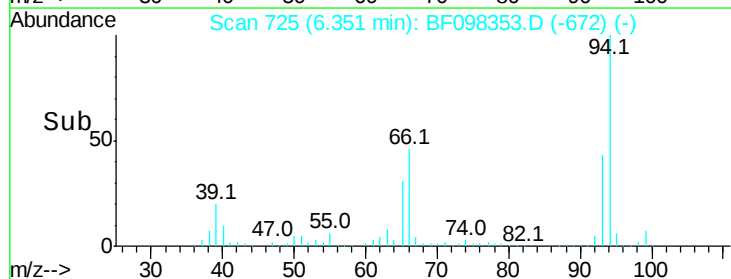
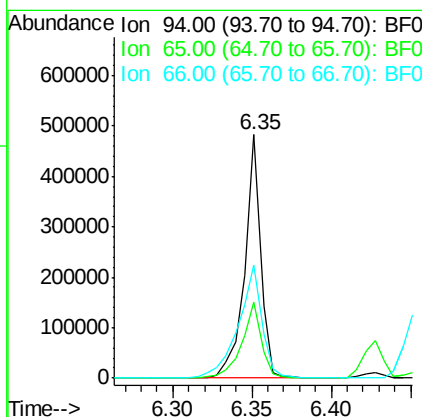
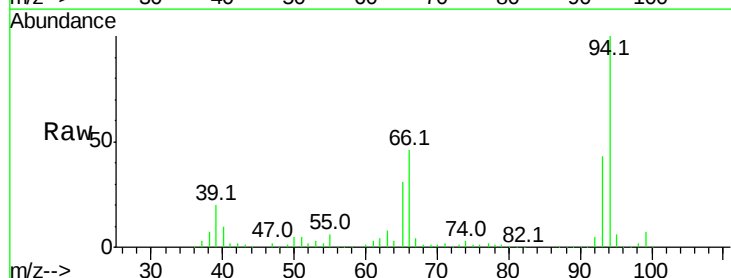
Instrument :
BNA_F
ClientSampleId :
PB102122BS

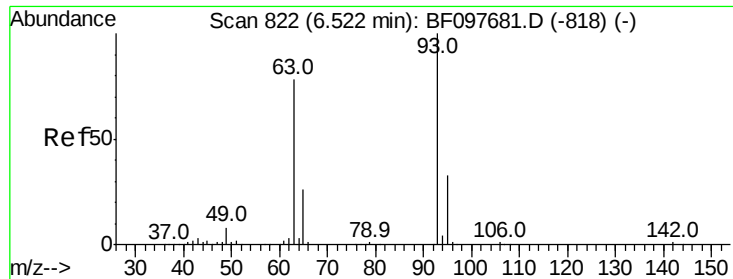
Tot Ion: 77 Resp: 57383
Ion Ratio Lower Upper
77 100
105 93.3 83.8 123.8
106 90.1 79.1 119.1



#10
Phenol
Concen: 34.983 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion: 94 Resp: 339864
Ion Ratio Lower Upper
94 100
65 31.0 9.9 49.9
66 46.2 23.1 63.1

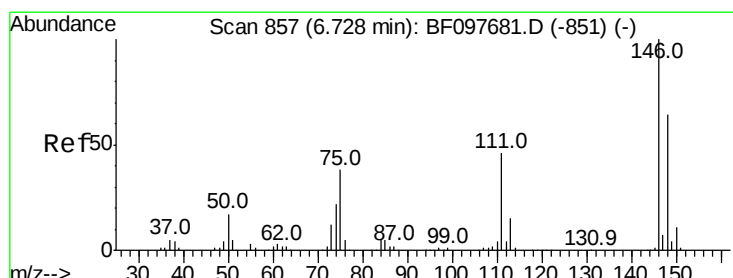
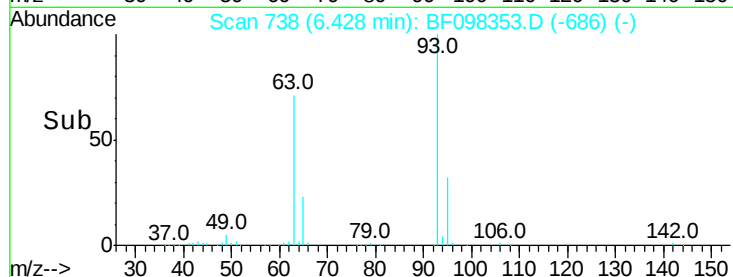
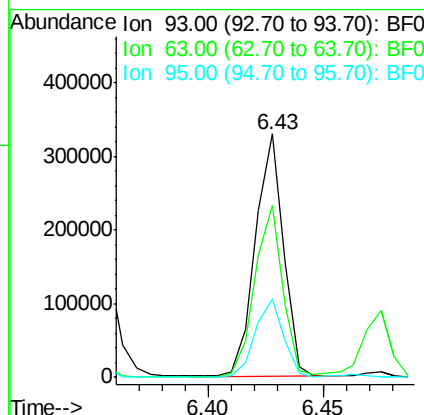
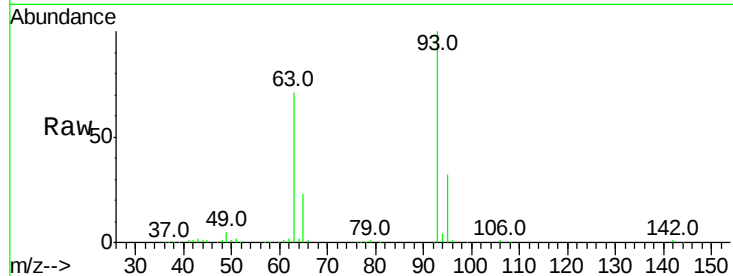




#11
 bis(2-Chloroethyl)ether
 Concen: 38.229 ng
 RT: 6.43 min Scan# 738
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

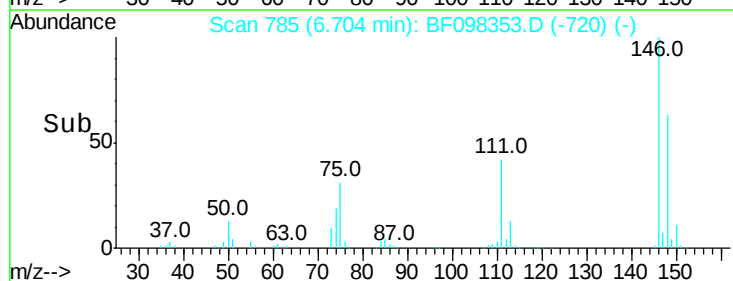
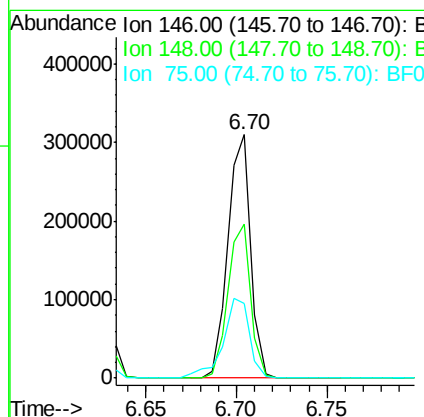
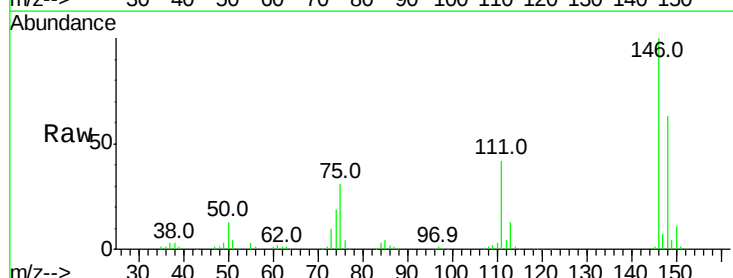
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

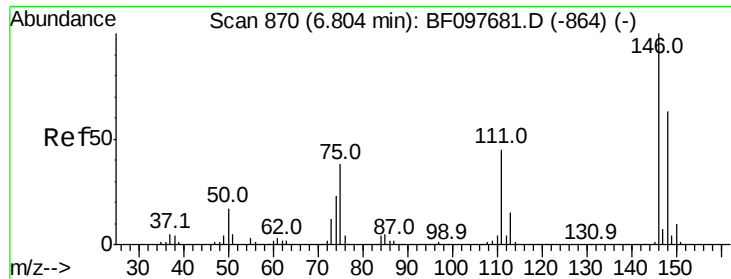
Tot Ion:	93	Resp:	280319
Ion	Ratio	Lower	Upper
93	100		
63	70.8	59.2	99.2
95	32.3	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 39.141 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.08 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:	146	Resp:	271452
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
75	30.8	23.1	34.7

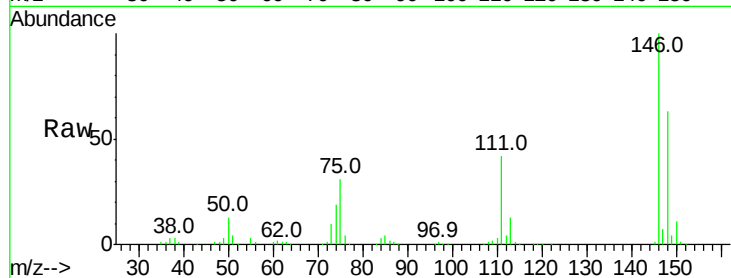




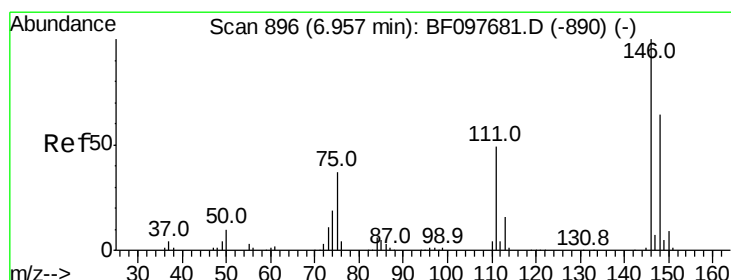
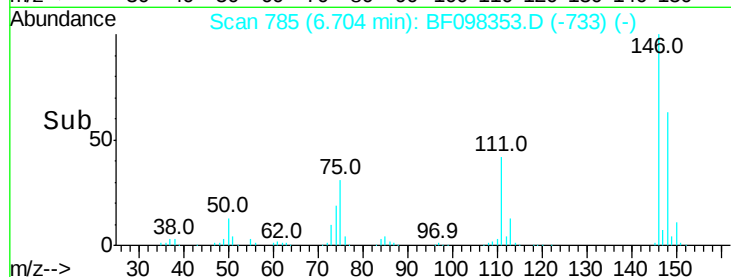
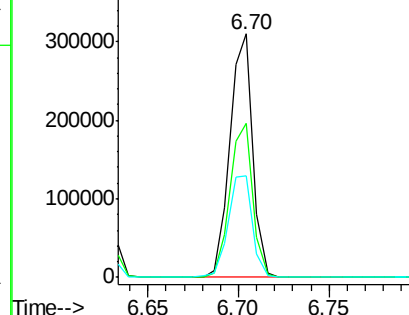
#13
 1,4-Dichlorobenzene
 Concen: 38.485 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion:146 Resp: 271452
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 41.9 30.3 45.5

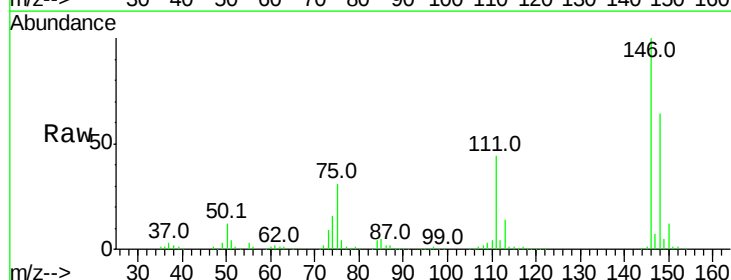


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

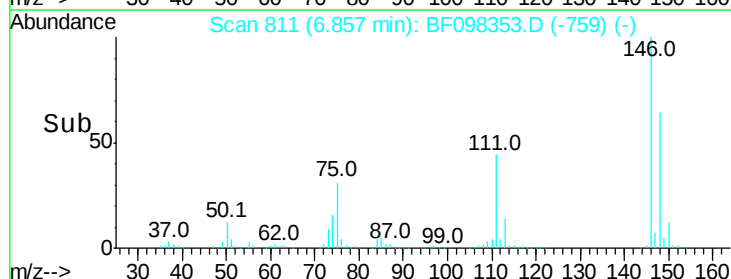
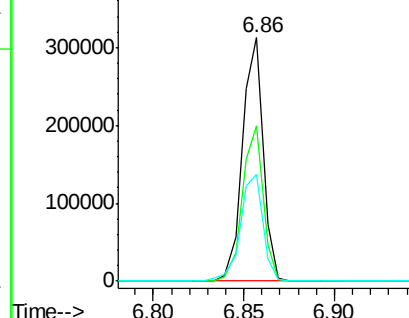


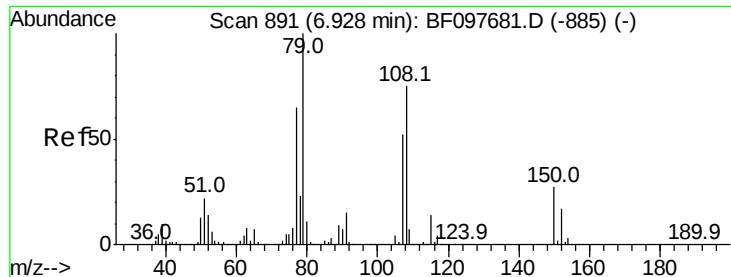
#14
 1,2-Dichlorobenzene
 Concen: 38.311 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:146 Resp: 249164
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 43.8 38.2 57.4



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: 35.467 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

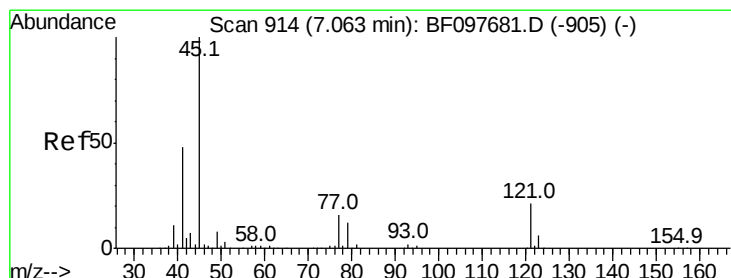
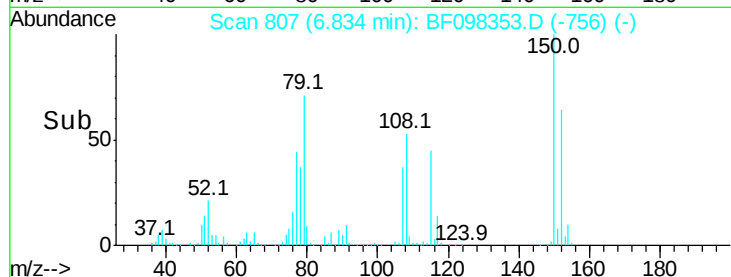
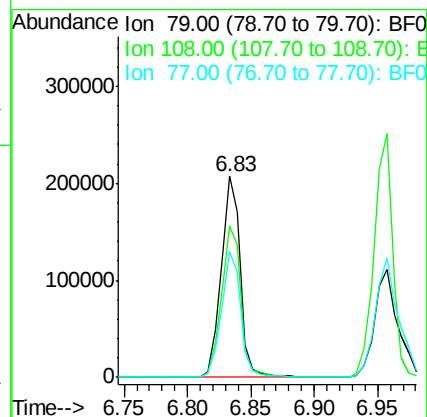
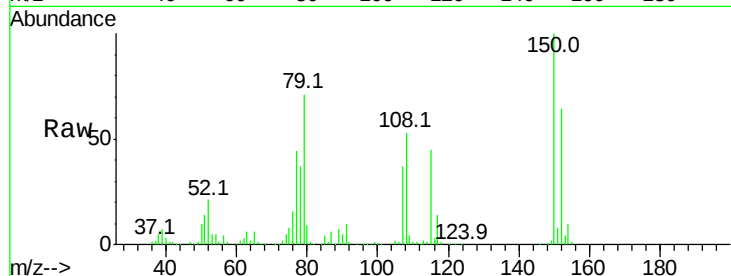
Tot Ion: 79 Resp: 220578

Ion Ratio Lower Upper

79 100

108 75.1 63.4 95.0

77 62.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.573 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

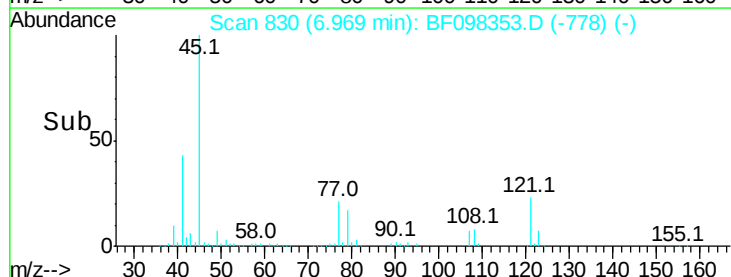
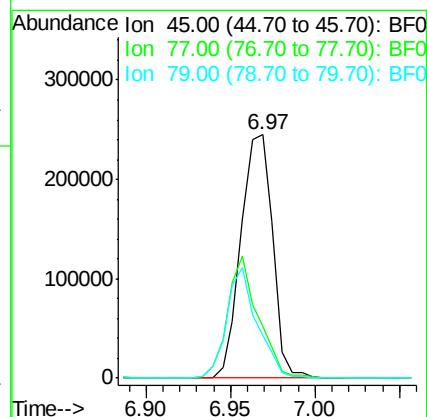
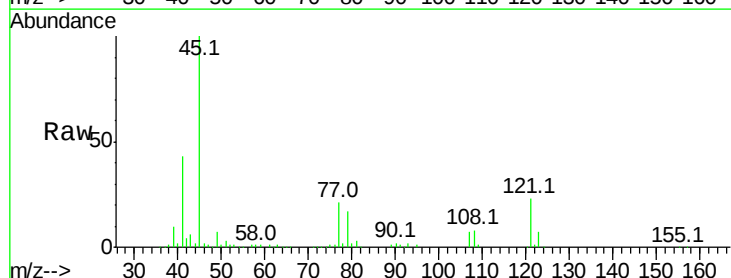
Tgt Ion: 45 Resp: 321360

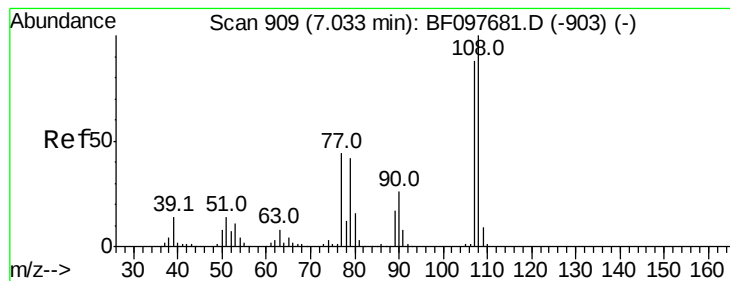
Ion Ratio Lower Upper

45 100

77 21.1 0.0 33.2

79 17.4 0.0 30.0

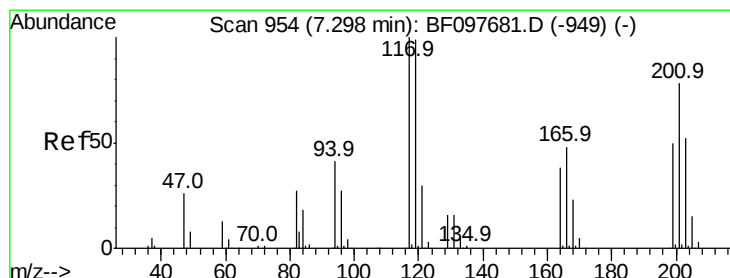
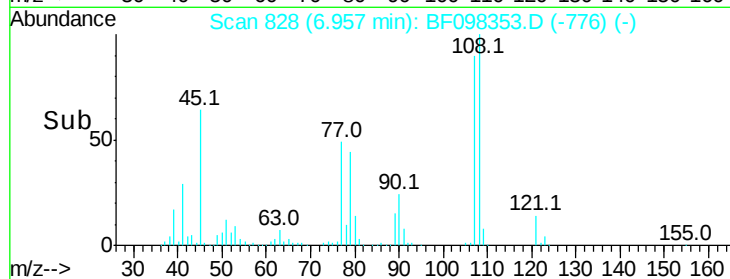
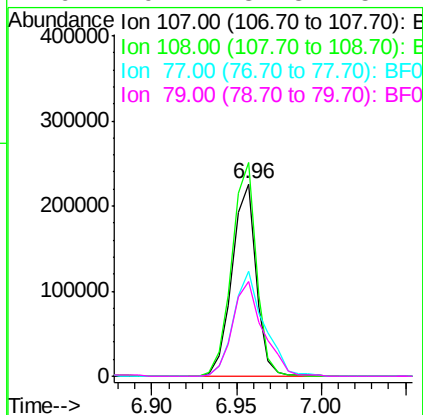
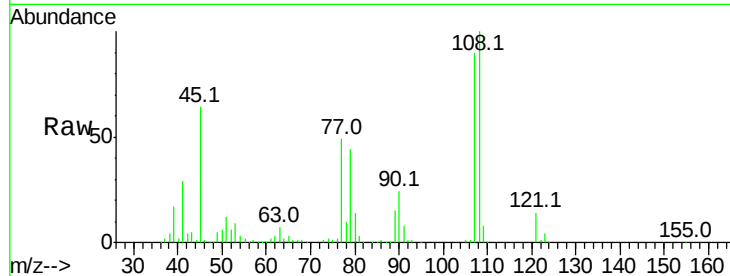




#17
2-Methylphenol
Concen: 39.746 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

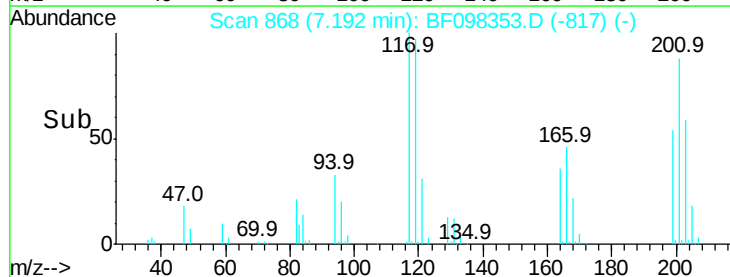
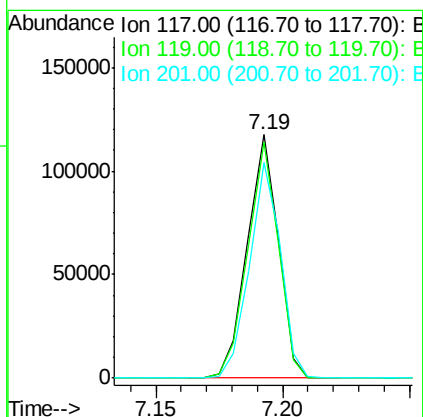
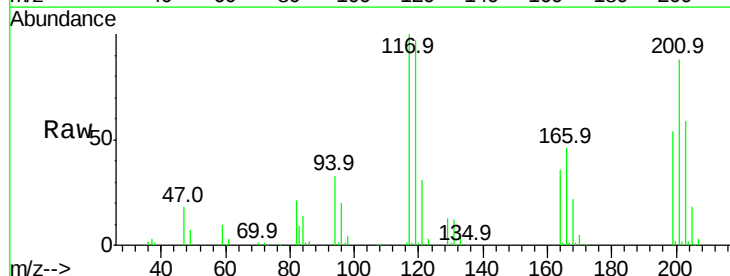
Instrument :
BNA_F
ClientSampleId :
PB102122BS

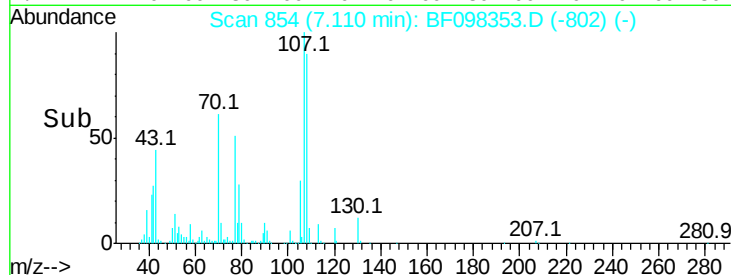
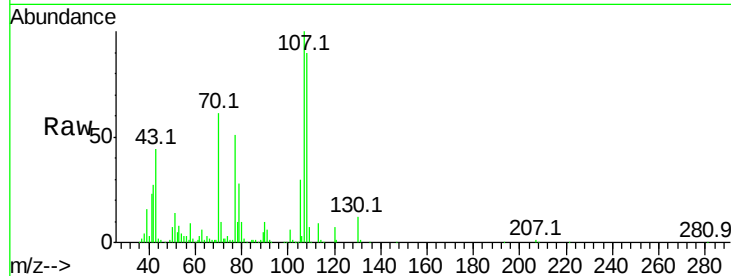
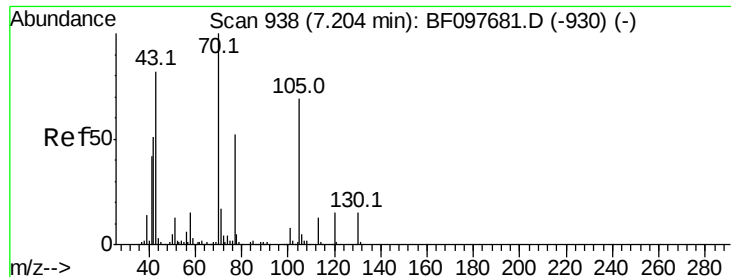
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	93.4	140.0
77	54.3	35.8	53.6#
79	49.1	34.8	52.2



#18
Hexachloroethane
Concen: 36.425 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.0
201	88.3	94.6	141.8#

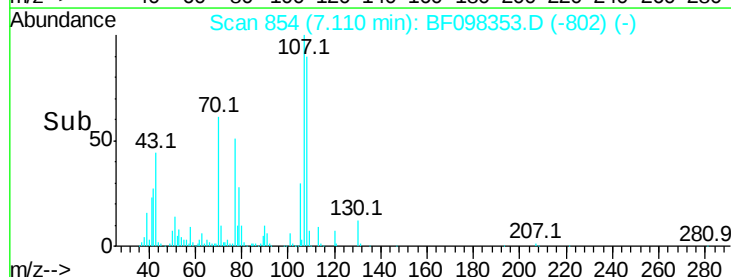
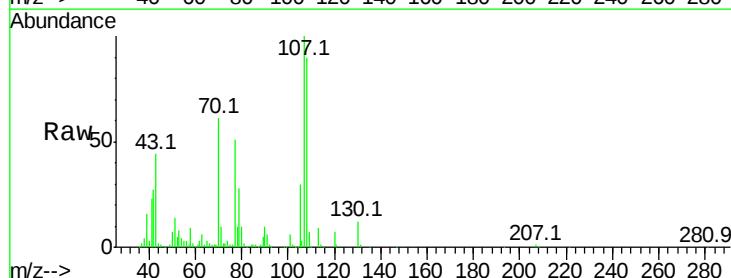
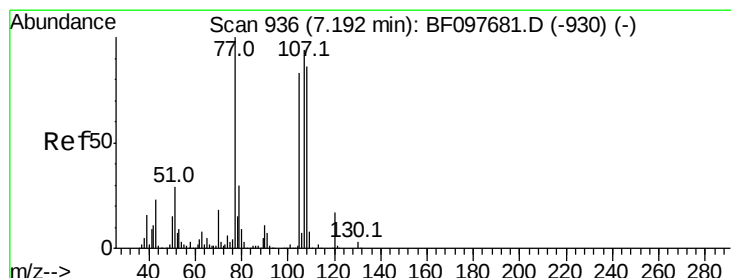
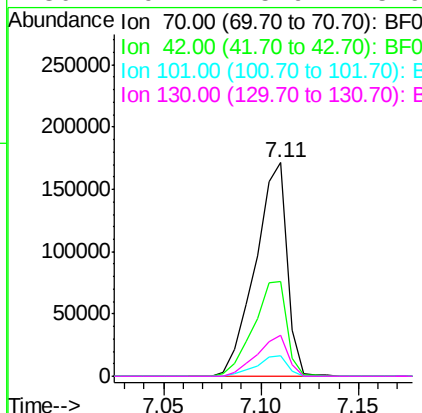




#19
n-Nitroso-di-n-propylamine
Concen: 34.017 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

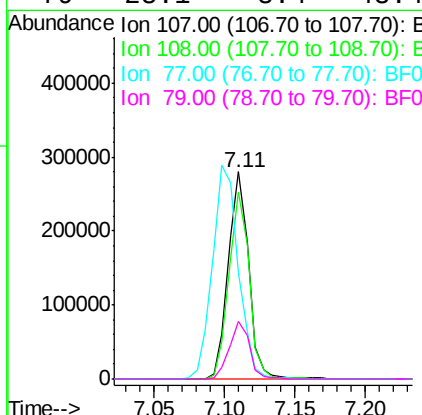
Instrument :
BNA_F
ClientSampleId :
PB102122BS

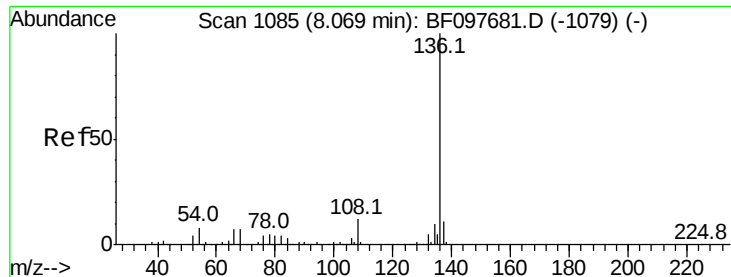
Tot Ion:	70	Resp:	193433
Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.2	70.8#
101	9.4	7.2	10.8
130	19.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.504 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion:	107	Resp:	281088
Ion	Ratio	Lower	Upper
107	100		
108	90.5	71.0	111.0
77	51.4	90.5	130.5#
79	28.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

Tot Ion:136 Resp: 372696

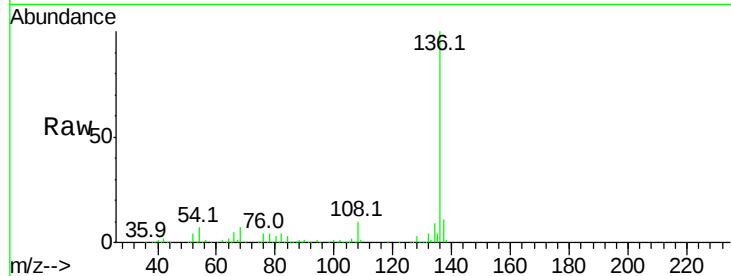
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.1 4.9 7.3

68 7.1 4.1 6.1#

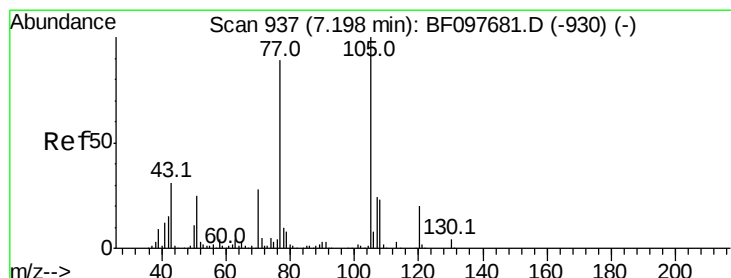
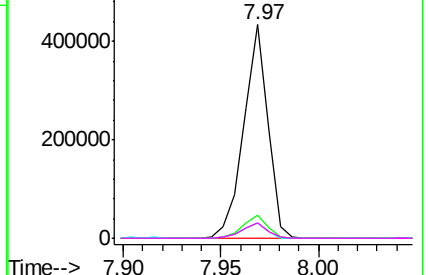
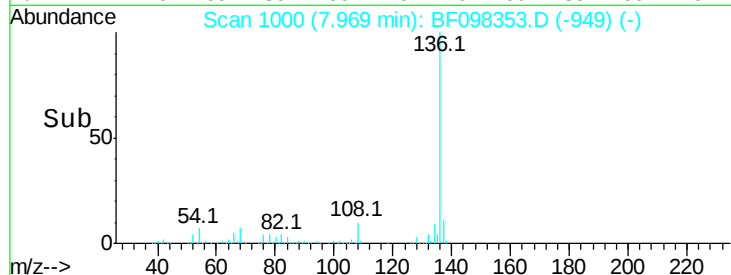


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.512 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Tgt Ion:105 Resp: 369335

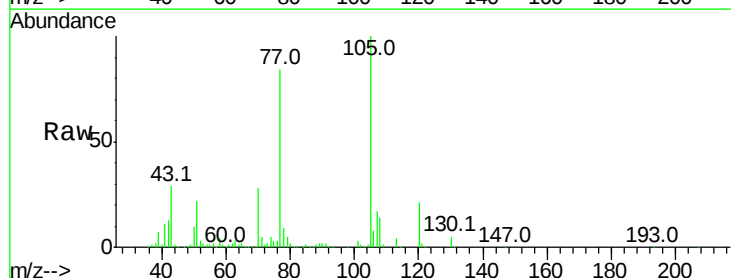
Ion Ratio Lower Upper

105 100

71 4.8 2.8 4.2#

51 21.5 30.7 46.1#

120 21.2 17.4 26.0

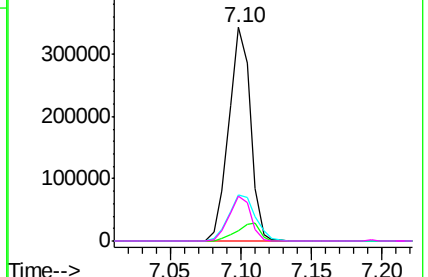
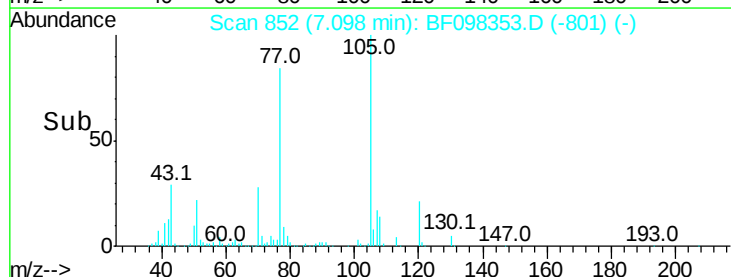


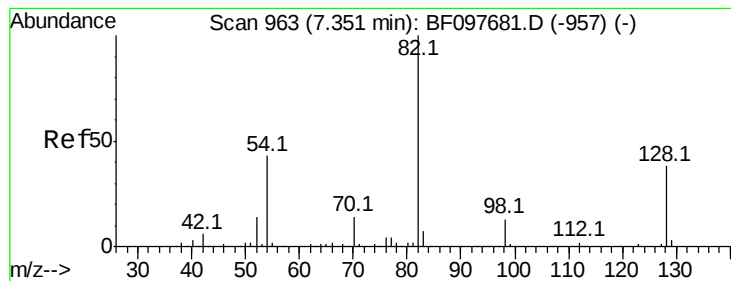
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 85.993 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

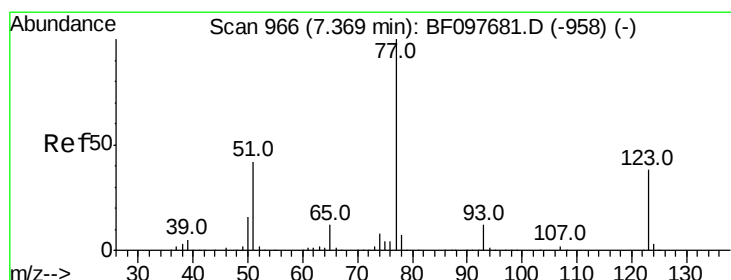
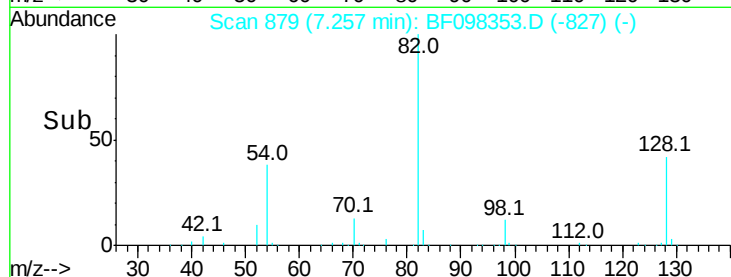
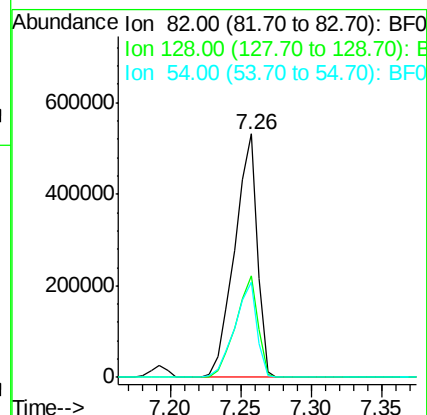
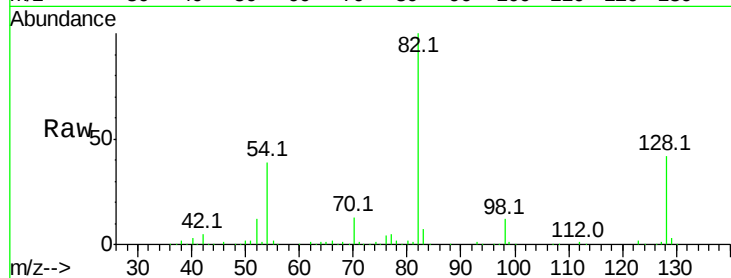
Tot Ion: 82 Resp: 589959

Ion Ratio Lower Upper

82 100

128 41.6 34.0 51.0

54 39.1 42.2 63.2#



#24

Nitrobenzene

Concen: 38.931 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

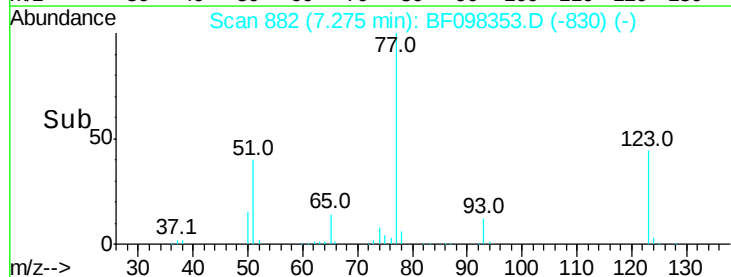
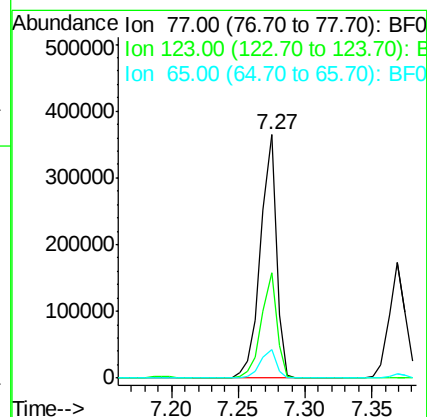
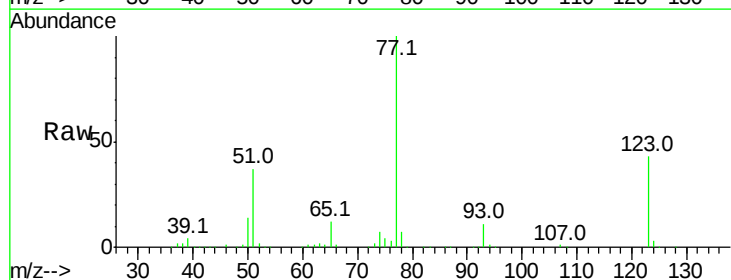
Tgt Ion: 77 Resp: 297387

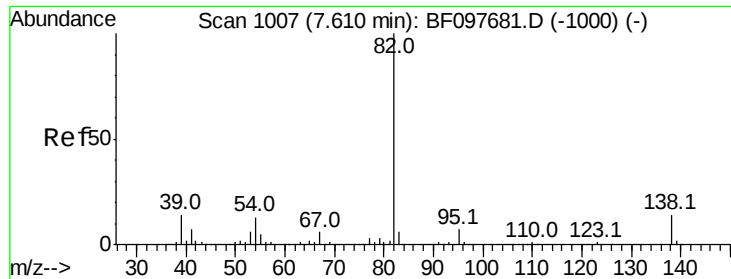
Ion Ratio Lower Upper

77 100

123 43.1 35.8 53.8

65 11.9 10.6 15.8





#25

Isophorone

Concen: 37.748 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

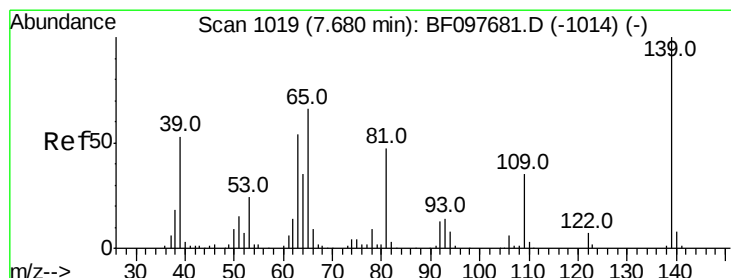
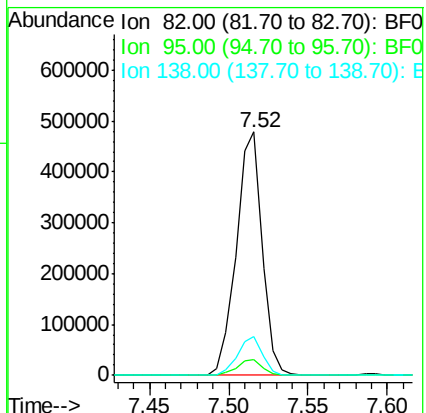
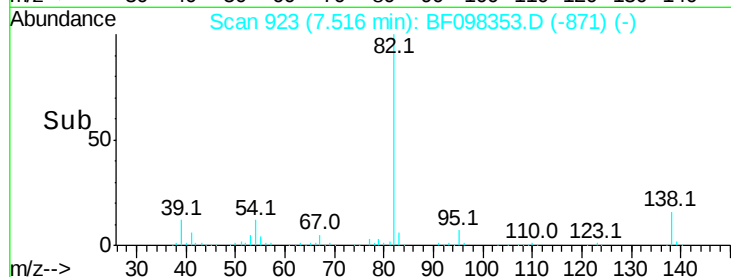
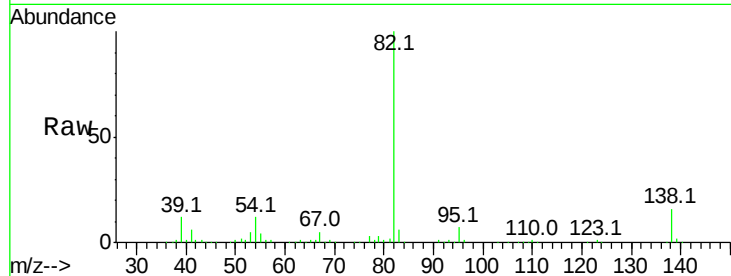
Tot Ion: 82 Resp: 538494

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 16.2 13.1 19.7



#26

2-Nitrophenol

Concen: 48.032 ng

RT: 7.59 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

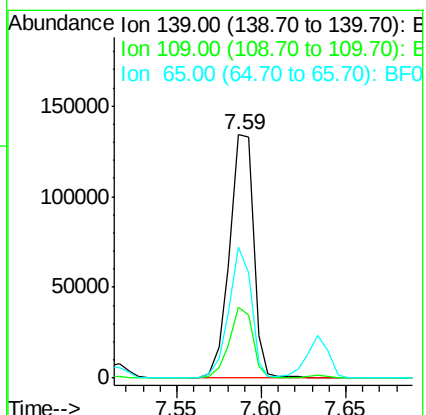
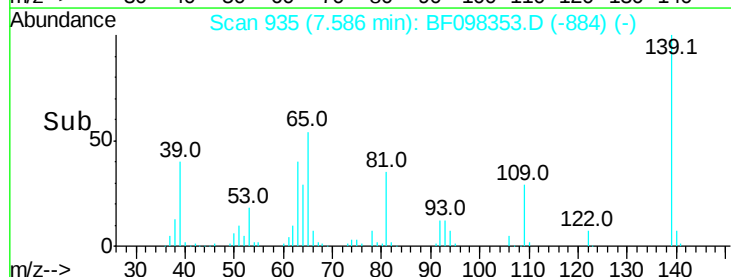
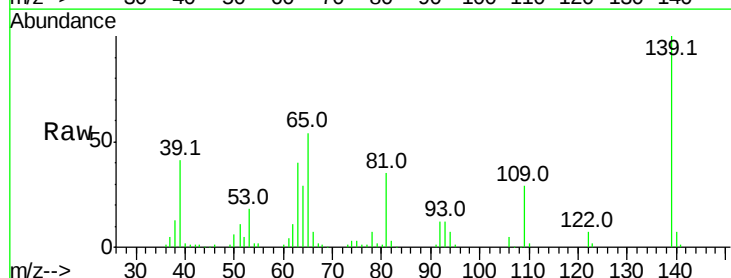
Tgt Ion: 139 Resp: 132940

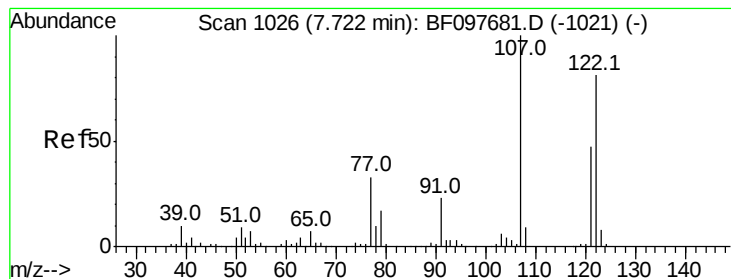
Ion Ratio Lower Upper

139 100

109 29.0 21.0 31.6

65 53.9 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.419 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

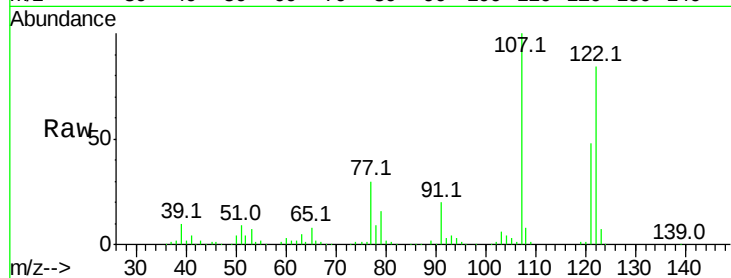
Tot Ion:122 Resp: 234521

Ion Ratio Lower Upper

122 100

107 119.6 89.2 133.8

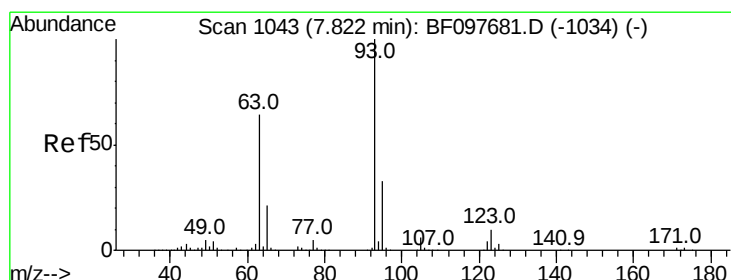
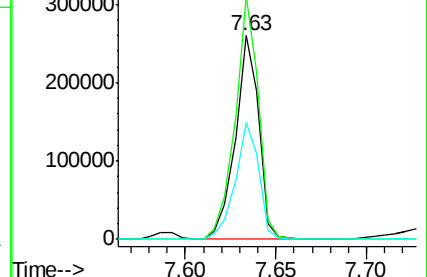
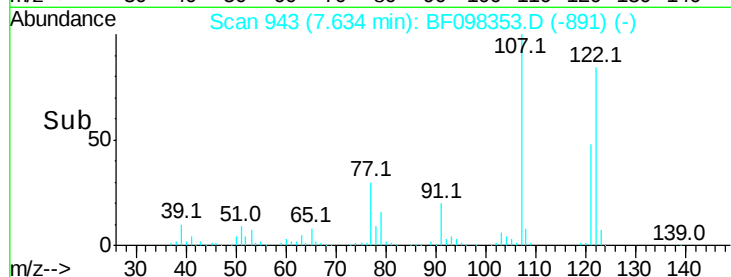
121 57.6 45.2 67.8



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: 38.647 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

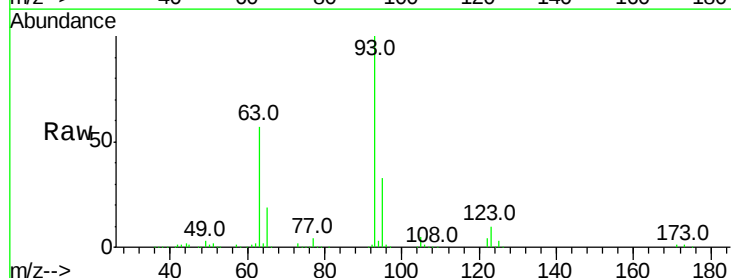
Tgt Ion: 93 Resp: 362456

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

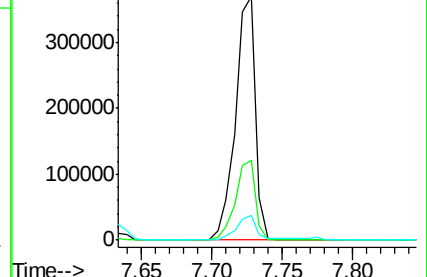
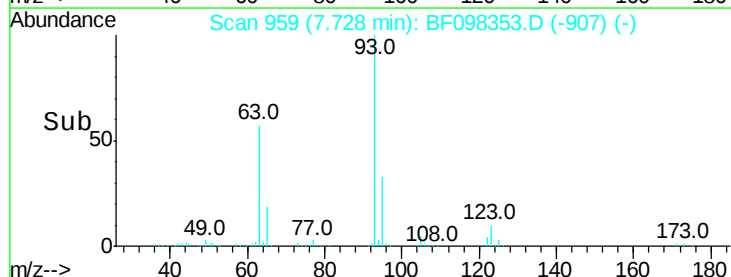
123 10.1 9.0 13.4

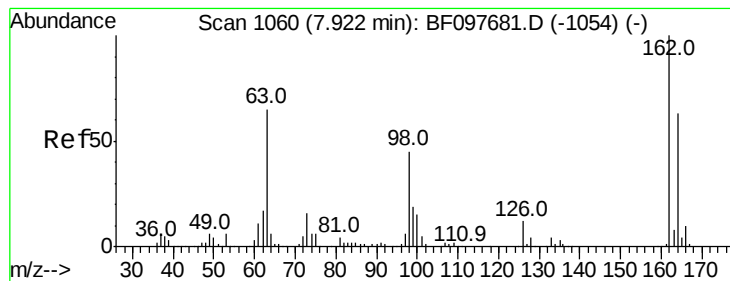


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.581 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

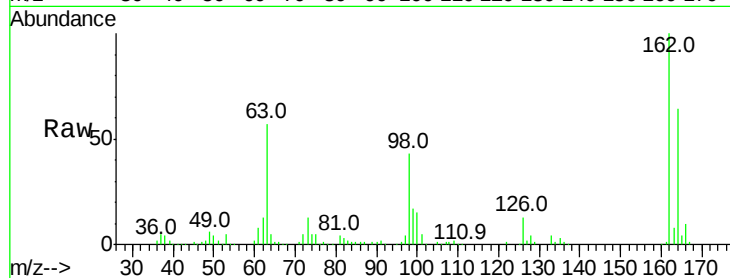
Tot Ion:162 Resp: 205355

Ion Ratio Lower Upper

162 100

164 64.5 44.6 84.6

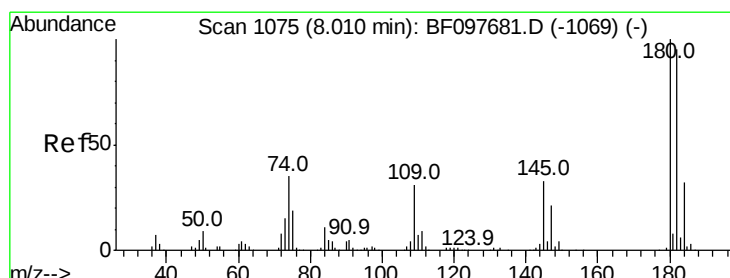
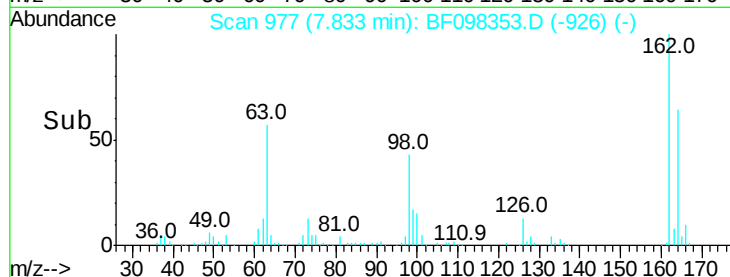
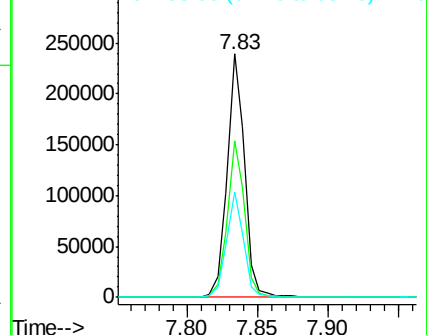
98 43.2 14.8 54.8



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): BF0



#30

1,2,4-Trichlorobenzene

Concen: 39.904 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

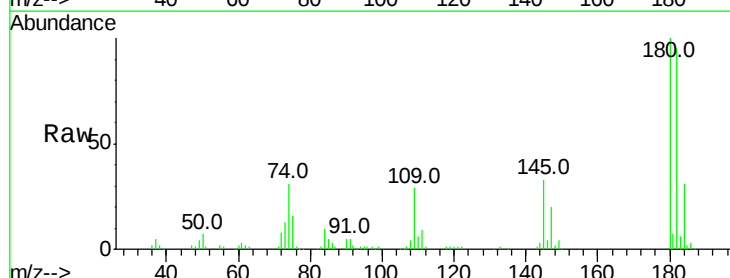
Tgt Ion:180 Resp: 218465

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

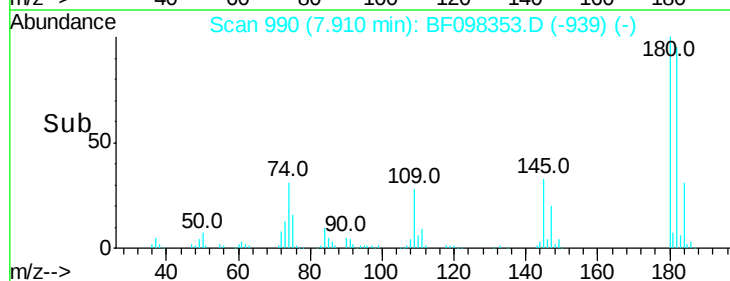
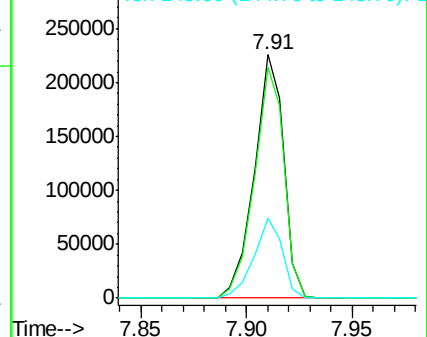
145 32.5 25.3 37.9

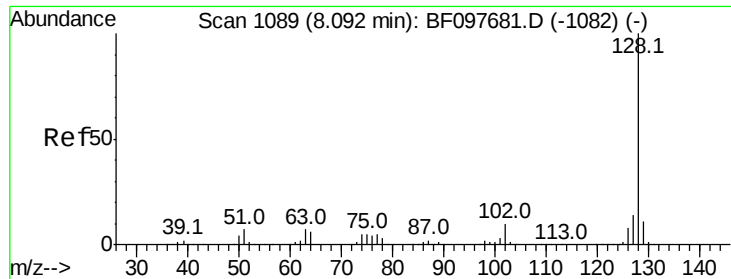


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.988 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

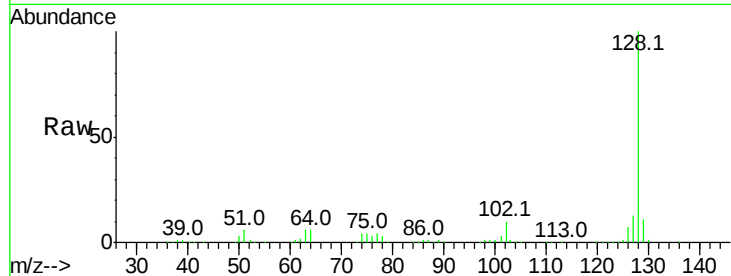
Tot Ion:128 Resp: 754353

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

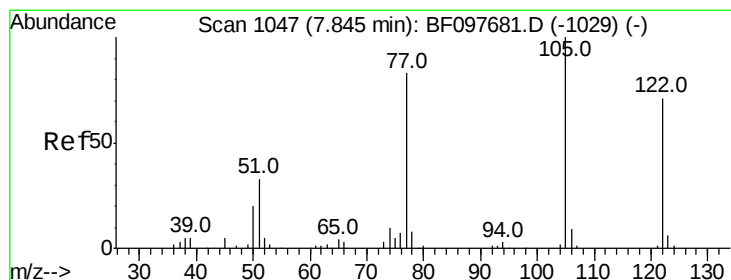
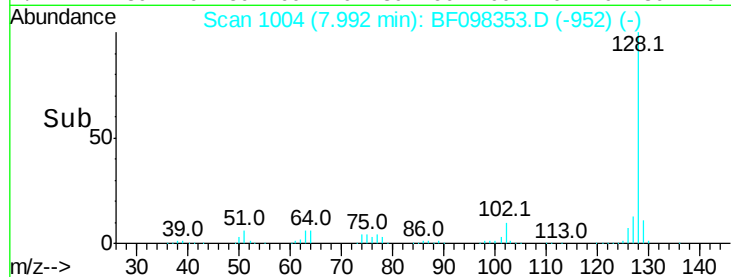
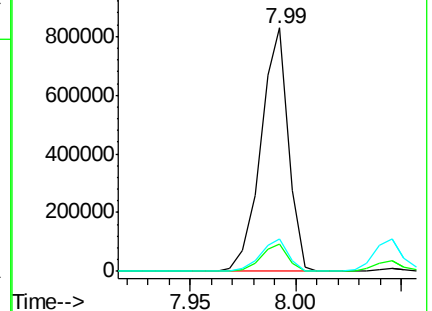
127 13.4 10.8 16.2



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: 30.145 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

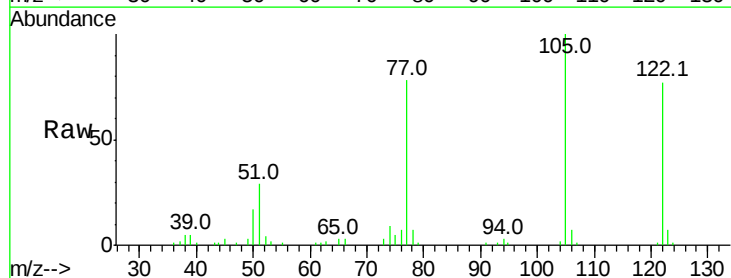
Tgt Ion:122 Resp: 118757

Ion Ratio Lower Upper

122 100

105 129.4 103.3 143.3

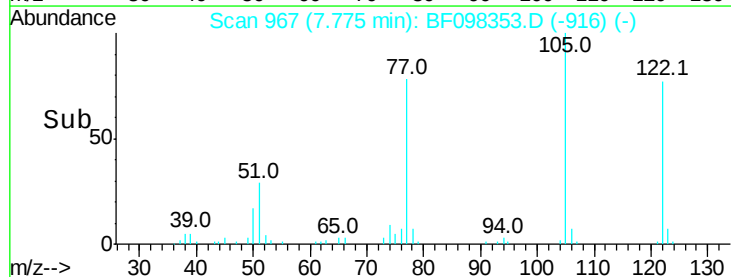
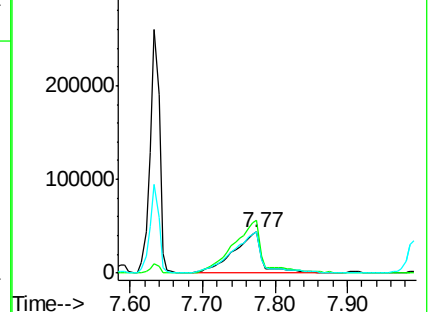
77 101.4 73.7 113.7

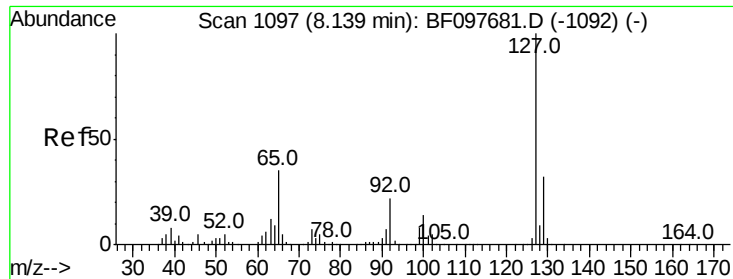


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

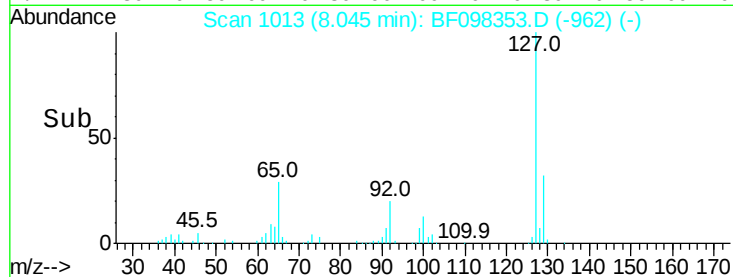
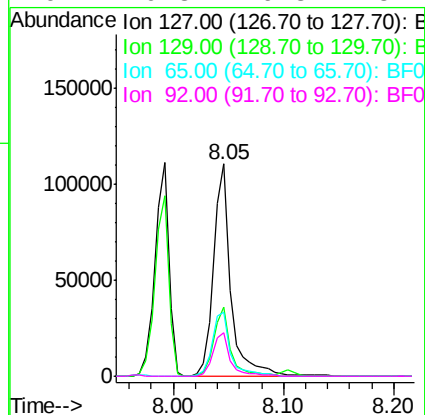
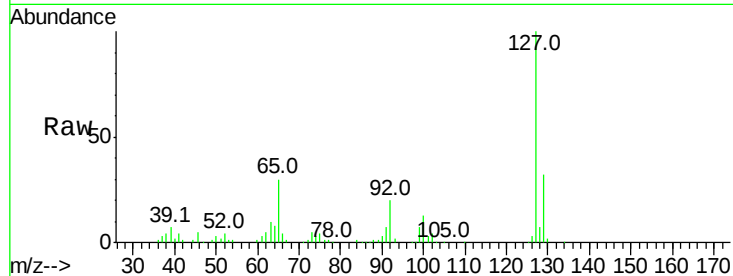




#33
4-Chloroaniline
Concen: 14.493 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

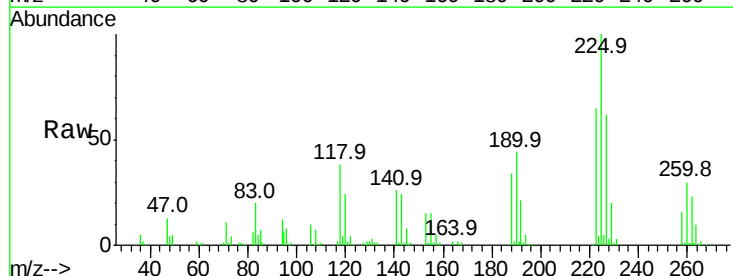
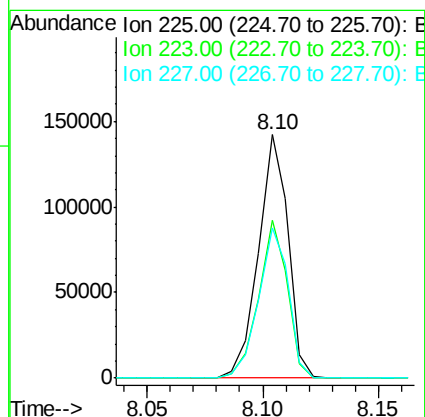
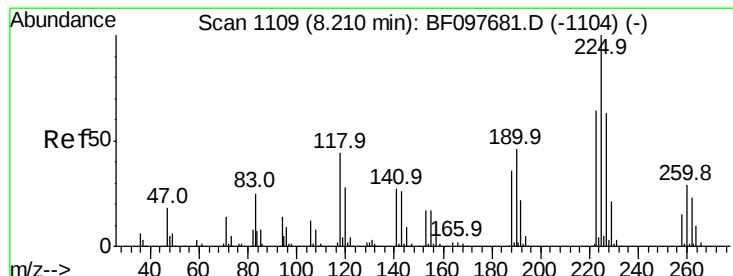
Instrument :
BNA_F
ClientSampleId :
PB102122BS

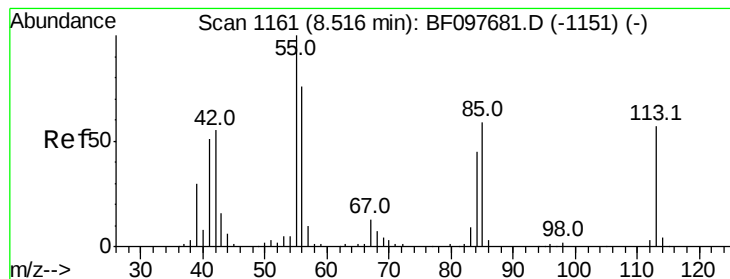
Tot Ion:	127	Resp:	118264
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	30.1	27.8	41.8
92	20.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.809 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion:	225	Resp:	127252
Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.8	73.2
227	61.8	51.1	76.7





#35

Caprolactam

Concen: 42.420 ng

RT: 8.42 min Scan# 1077

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

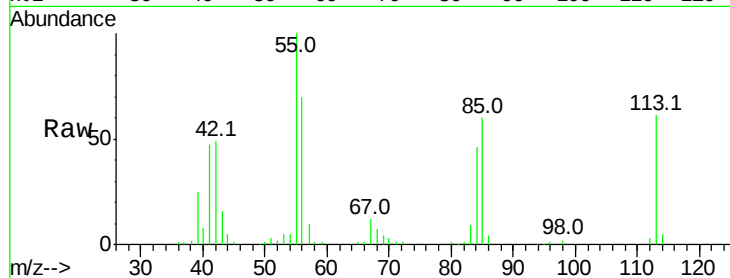
Tot Ion:113 Resp: 71222

Ion Ratio Lower Upper

113 100

55 163.1 150.2 190.2

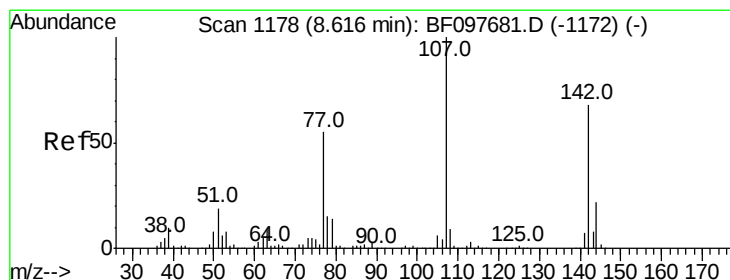
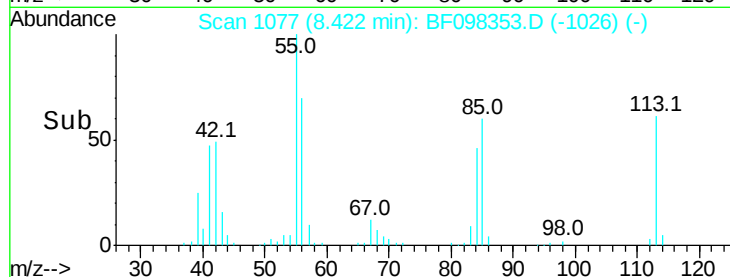
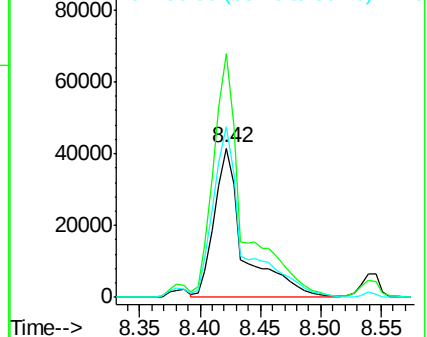
56 114.3 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.982 ng

RT: 8.54 min Scan# 1097

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

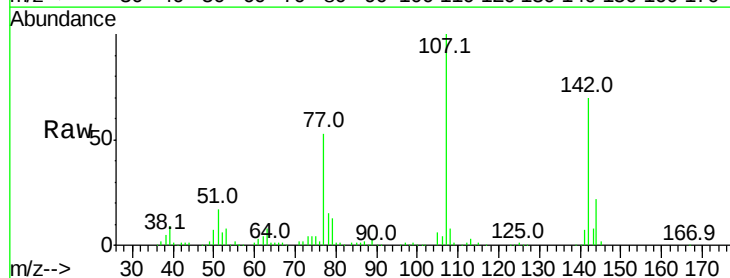
Tgt Ion:107 Resp: 241005

Ion Ratio Lower Upper

107 100

144 22.2 24.2 36.4#

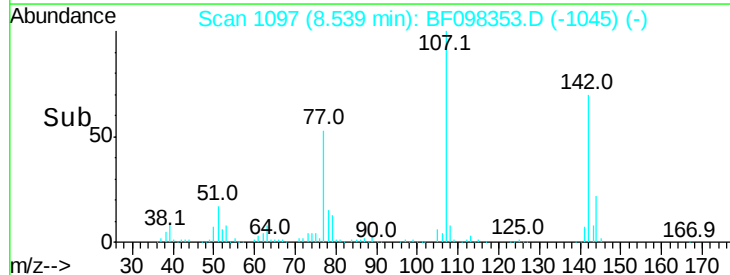
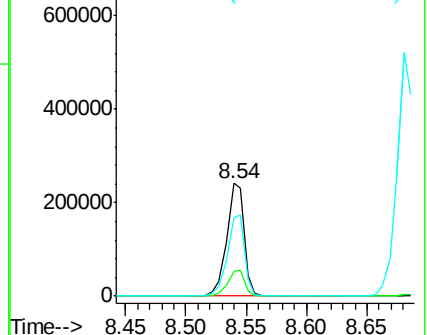
142 69.9 73.4 110.0#

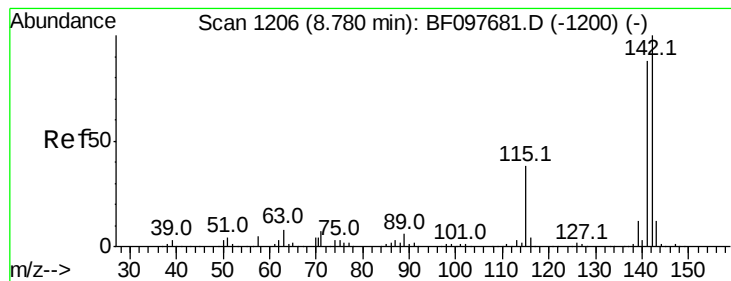


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

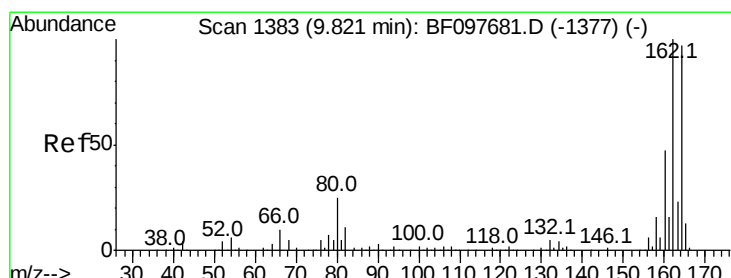
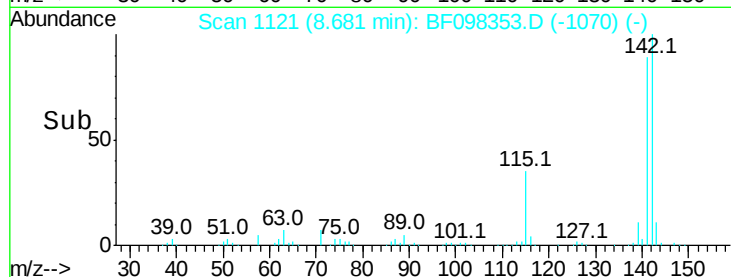
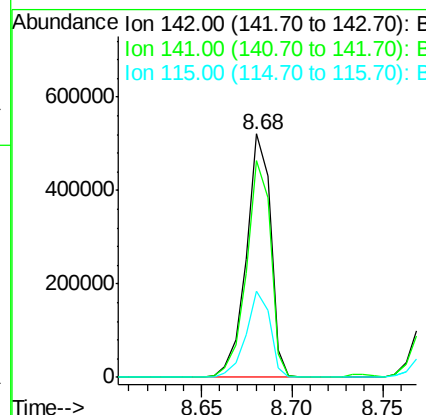
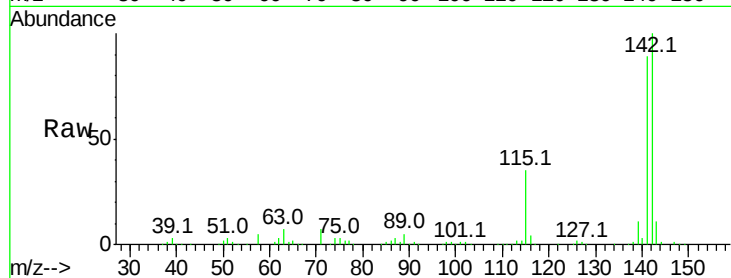




#37
2-Methylnaphthalene
Concen: 41.057 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

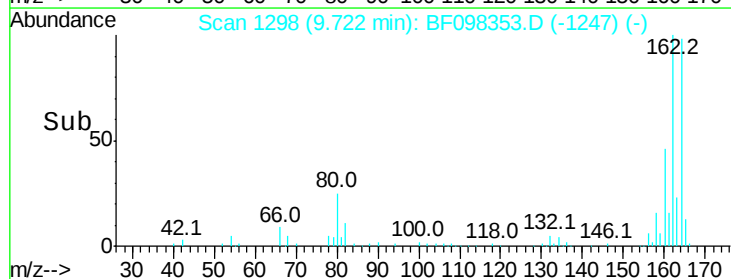
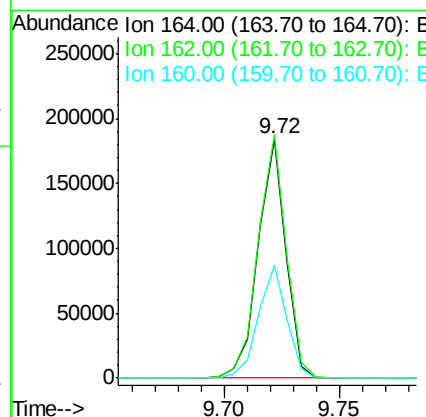
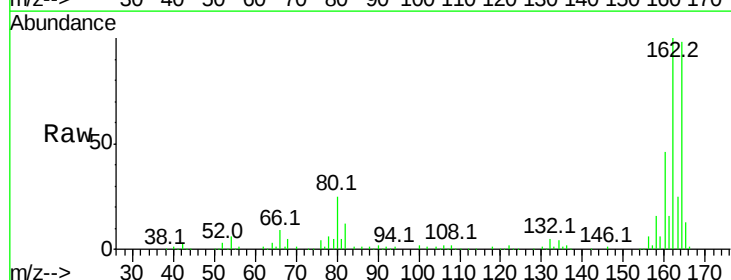
Instrument :
BNA_F
ClientSampleId :
PB102122BS

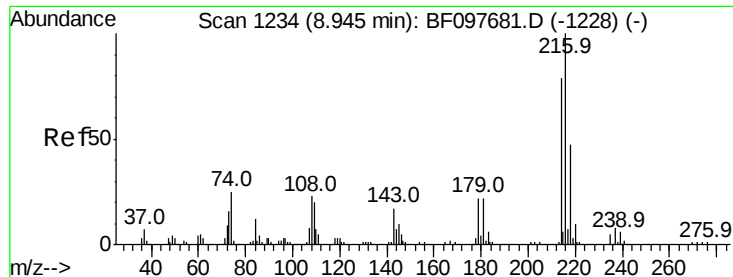
Tot Ion:142 Resp: 487030
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 35.2 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion:164 Resp: 154724
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 47.2 36.2 54.2

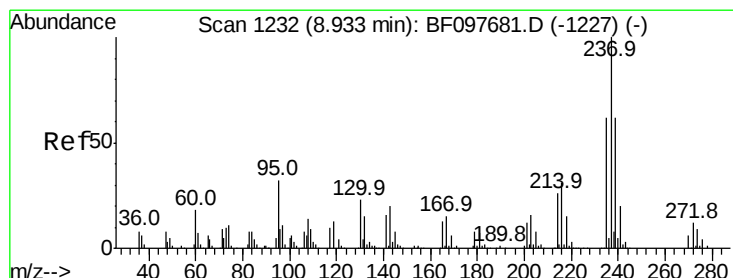
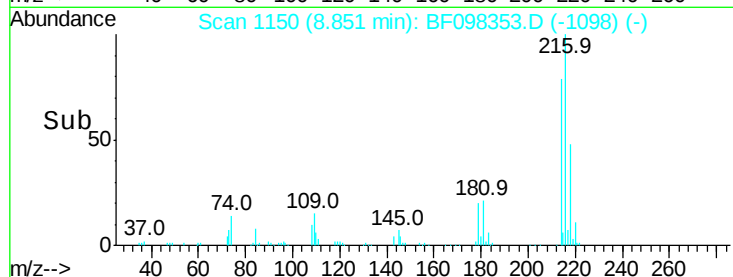
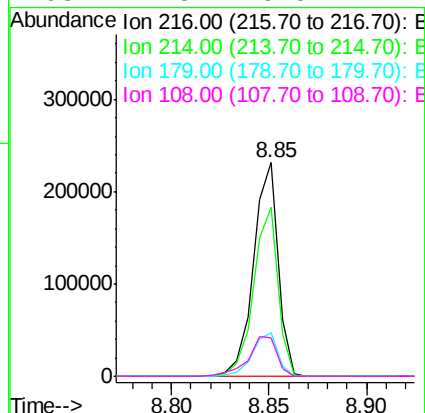
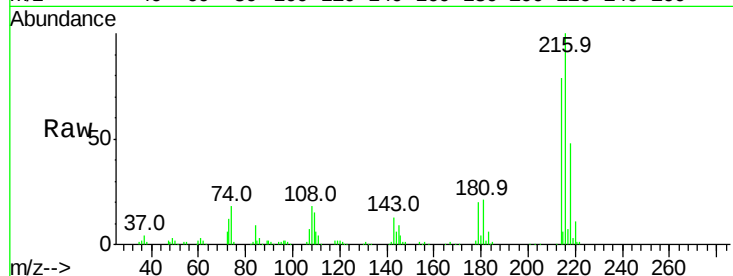




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.635 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

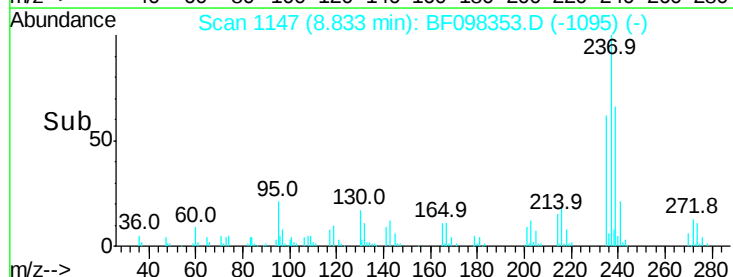
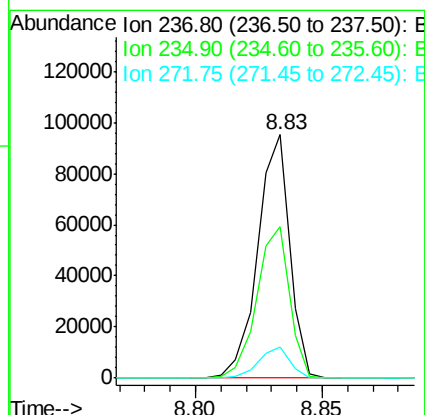
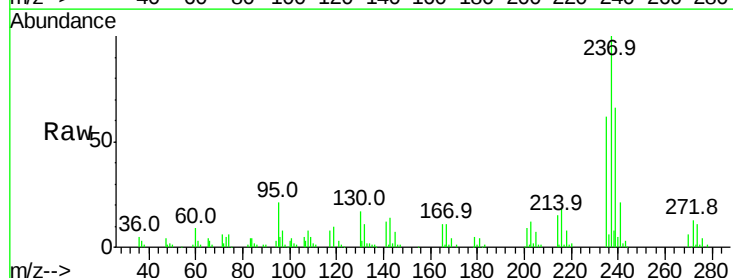
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

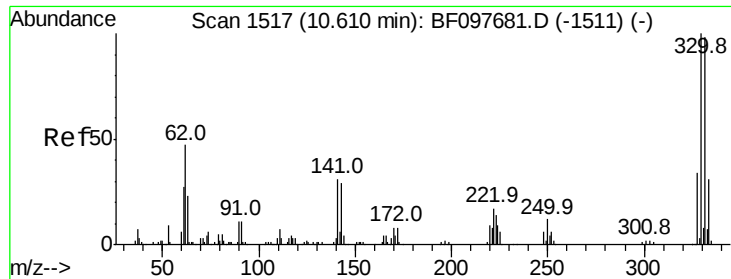
Tot Ion:	216	Resp:	202449
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.4	95.2
179	20.8	17.9	26.9
108	21.8	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 36.910 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:	237	Resp:	84198
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.6	82.6
272	13.0	0.0	31.9

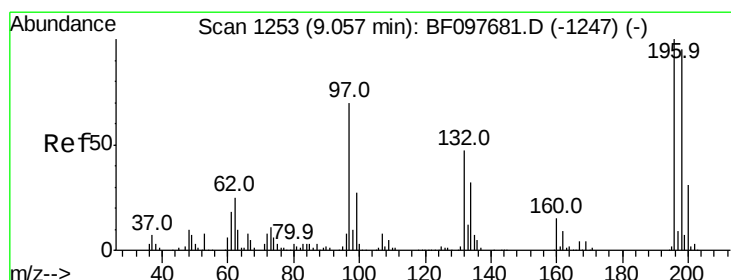
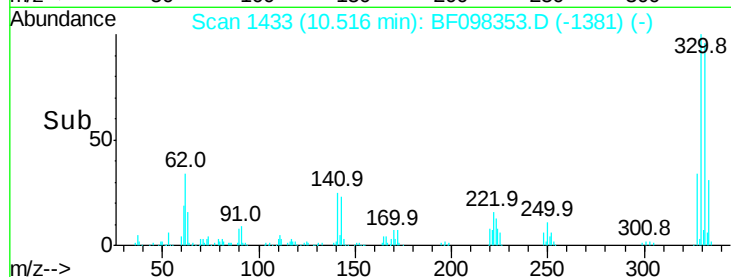
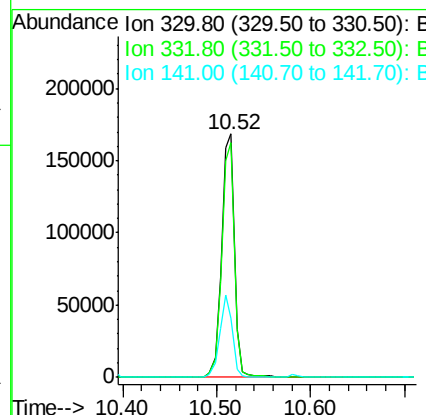
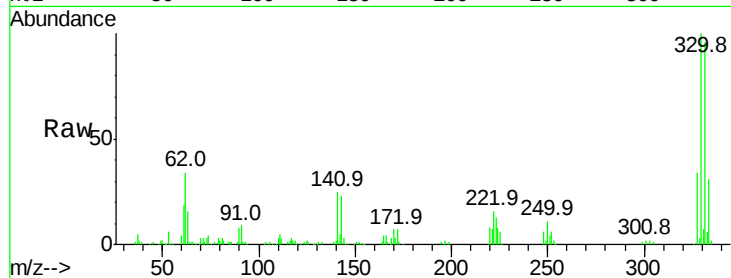




#41
 2,4,6-Tribromophenol
 Concen: 121.380 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

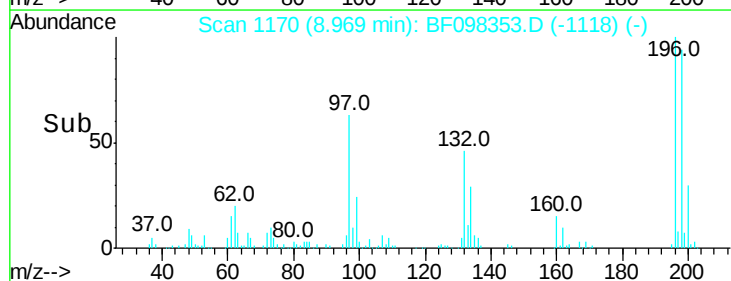
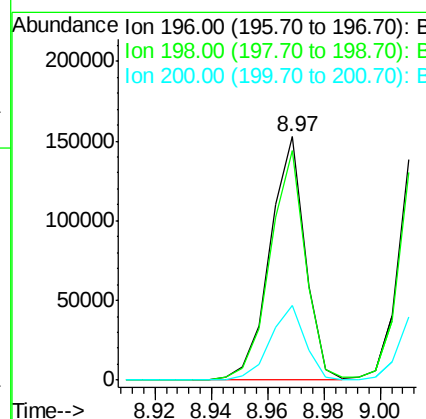
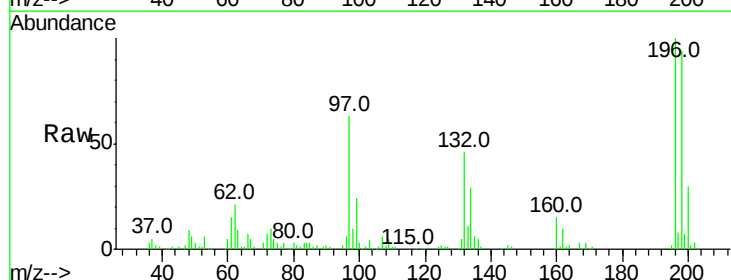
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

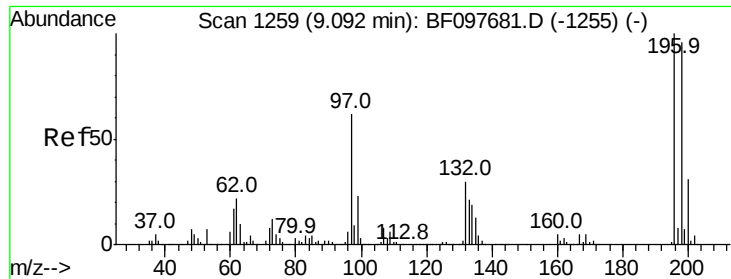
Tot Ion:330 Resp: 162951
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 33.1 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.538 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:196 Resp: 132422
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.2 111.4
 200 30.4 24.0 36.0

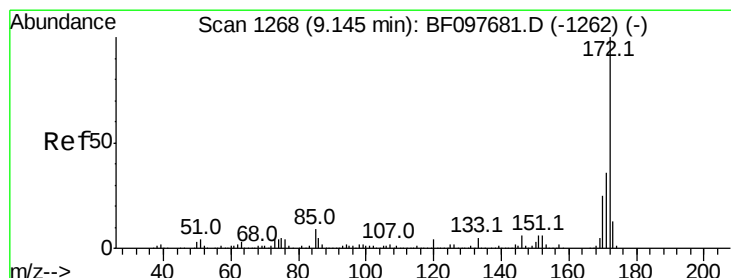
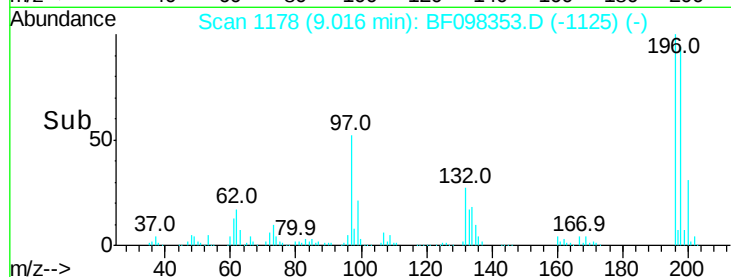
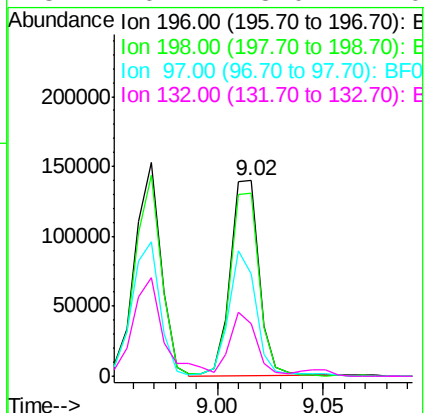
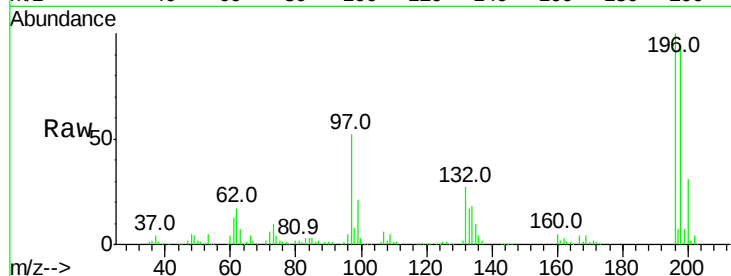




#43
 2,4,5-Trichlorophenol
 Concen: 41.348 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

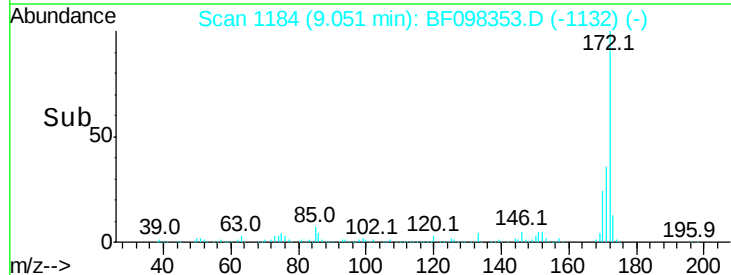
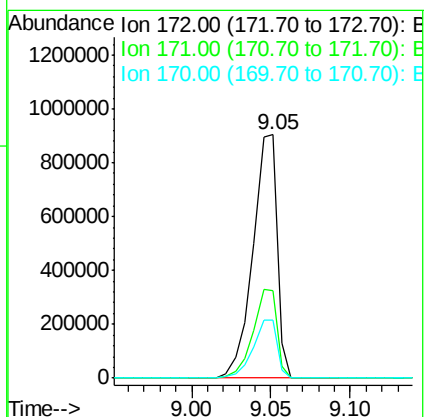
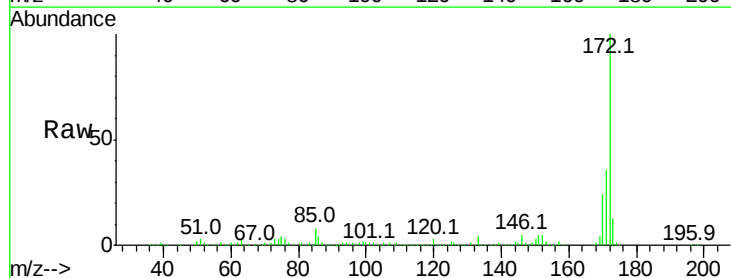
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

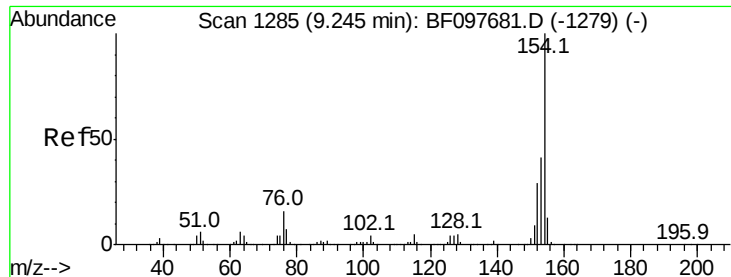
Tot Ion:196 Resp: 130770
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 97 52.4 47.7 71.5
 132 26.7 28.0 42.0#



#44
 2-Fluorobiphenyl
 Concen: 91.552 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:172 Resp: 964150
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.0 19.8 29.8





#45

1,1'-Biphenyl

Concen: 40.594 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

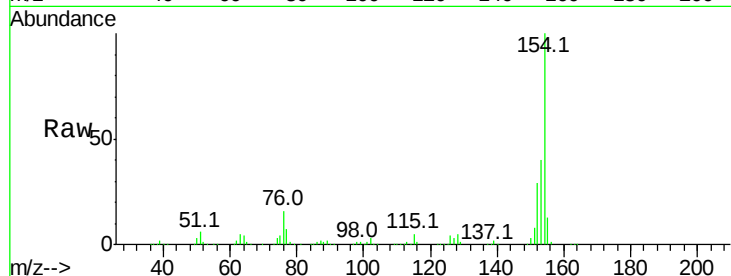
Tot Ion:154 Resp: 572756

Ion Ratio Lower Upper

154 100

153 40.4 21.2 61.2

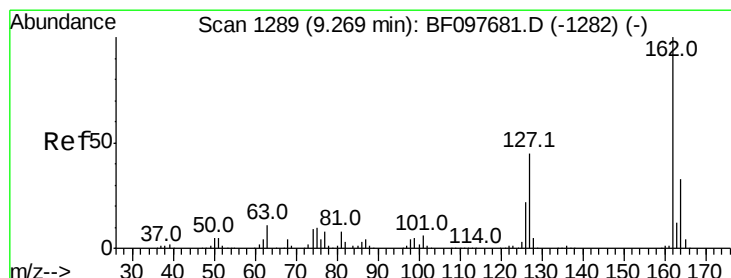
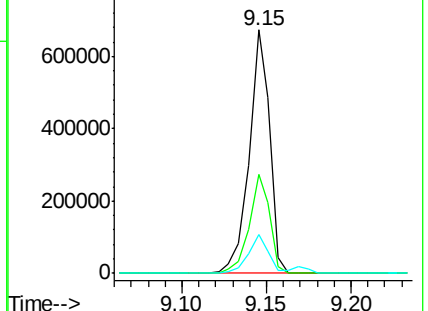
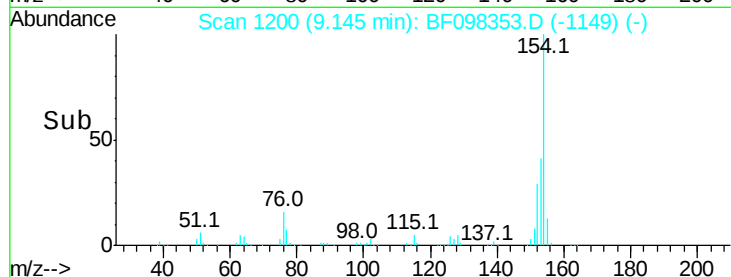
76 16.1 0.0 29.9



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): BF0



#46

2-Chloronaphthalene

Concen: 39.856 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

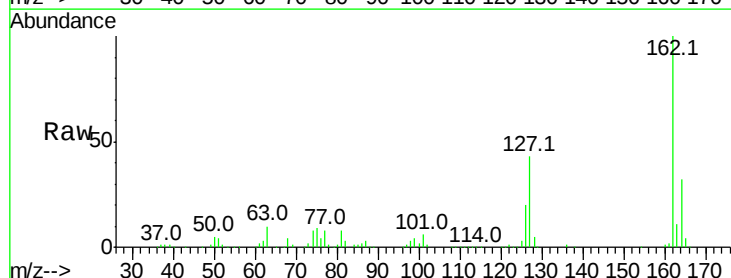
Tgt Ion:162 Resp: 415502

Ion Ratio Lower Upper

162 100

127 43.1 28.3 42.5#

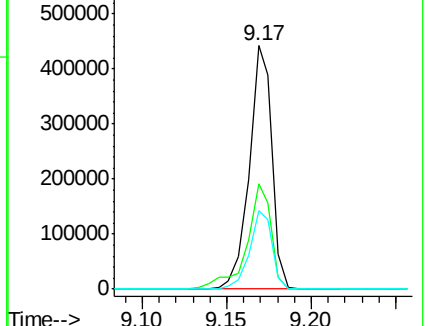
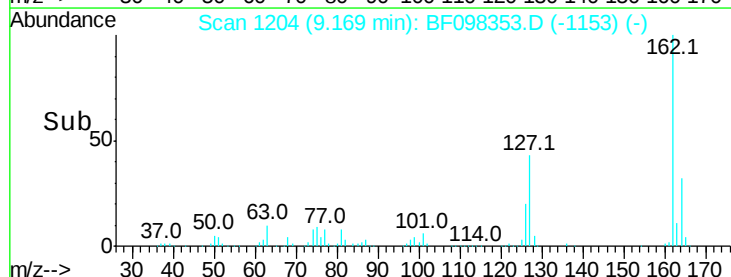
164 32.0 27.0 40.4

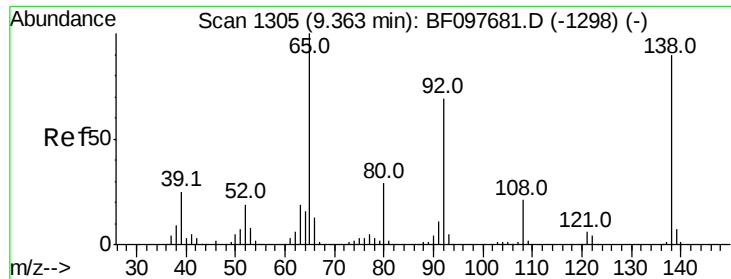


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

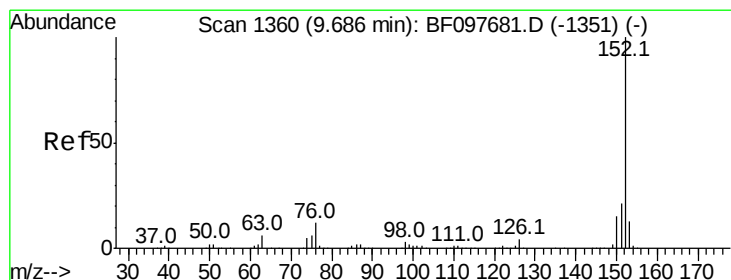
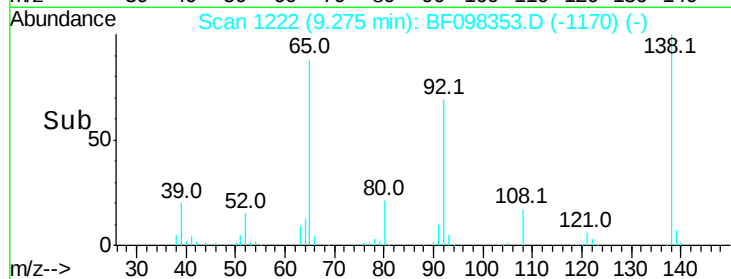
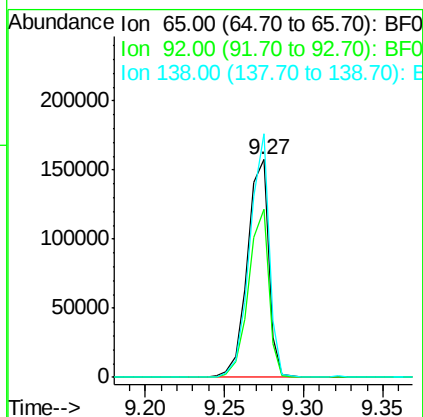
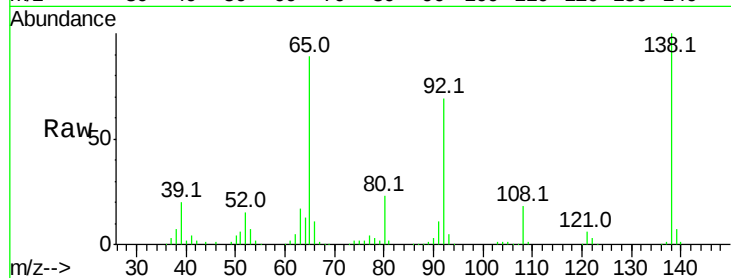




#47
2-Nitroaniline
Concen: 41.891 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

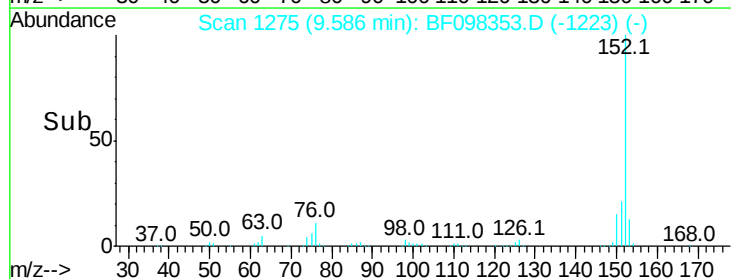
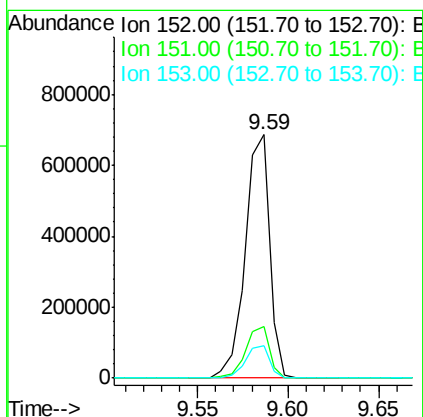
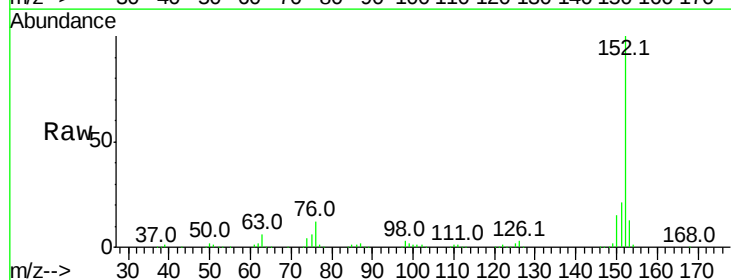
Instrument :
BNA_F
ClientSampleId :
PB102122BS

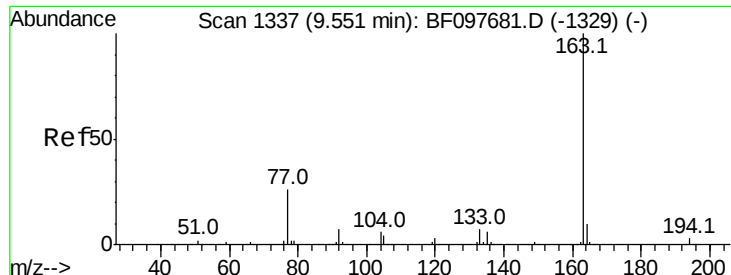
Tot Ion: 65 Resp: 146406
Ion Ratio Lower Upper
65 100
92 77.0 53.9 80.9
138 111.8 78.8 118.2



#48
Acenaphthylene
Concen: 39.157 ng
RT: 9.59 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion:152 Resp: 641040
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 13.4 10.8 16.2

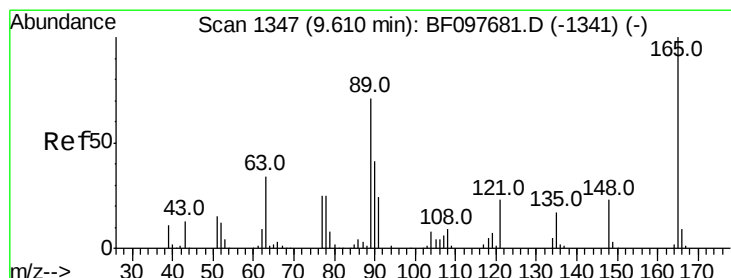
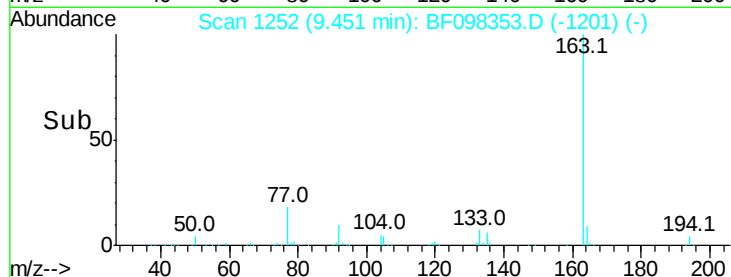
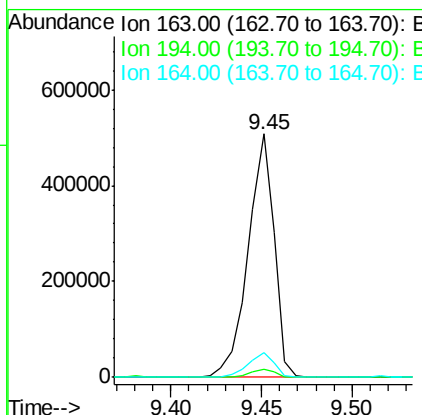
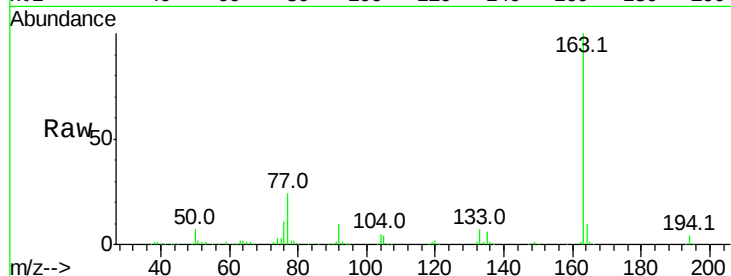




#49
Dimethylphthalate
Concen: 44.642 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

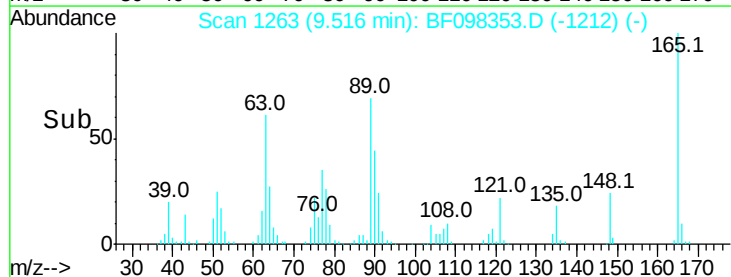
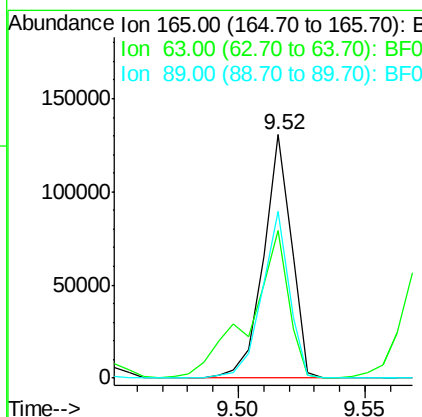
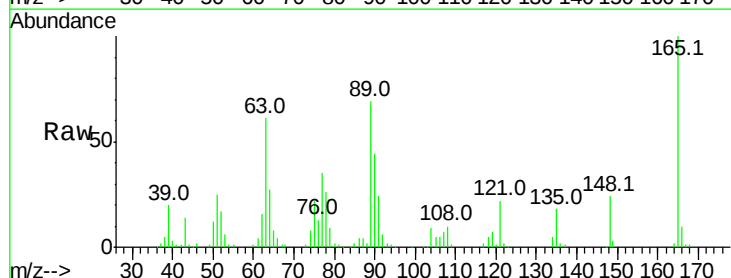
Instrument :
BNA_F
ClientSampleId :
PB102122BS

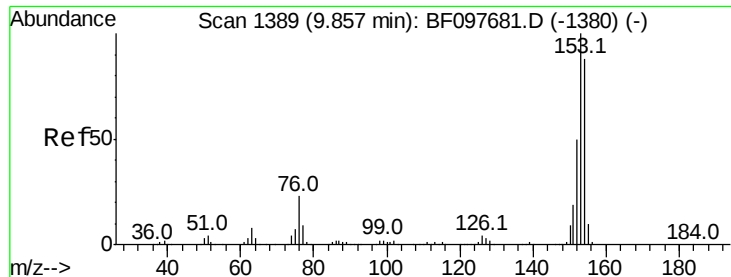
Tot Ion:163 Resp: 504894
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 44.861 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion:165 Resp: 101275
Ion Ratio Lower Upper
165 100
63 60.5 34.3 51.5#
89 68.7 37.1 55.7#





#51

Acenaphthene

Concen: 36.694 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

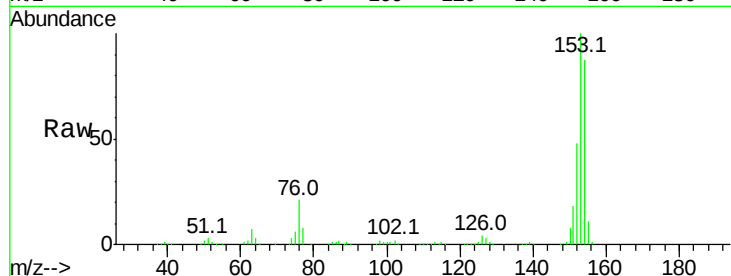
Tot Ion:154 Resp: 378866

Ion Ratio Lower Upper

154 100

153 115.0 90.5 135.7

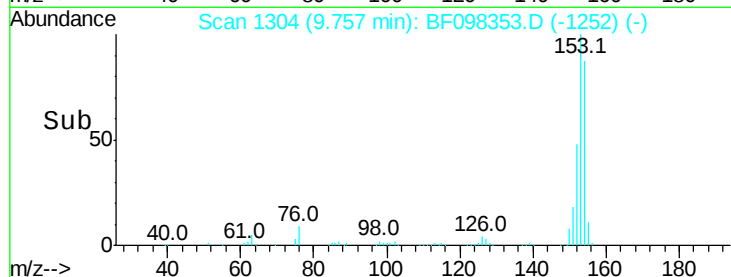
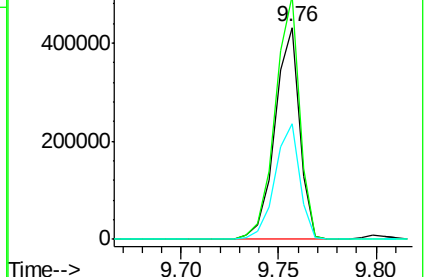
152 54.9 43.6 65.4



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: 24.263 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

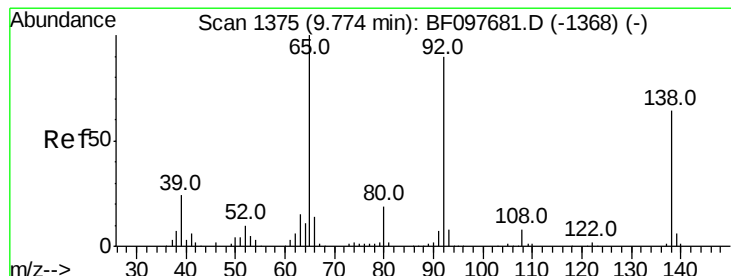
Tgt Ion:138 Resp: 70670

Ion Ratio Lower Upper

138 100

108 10.9 9.1 13.7

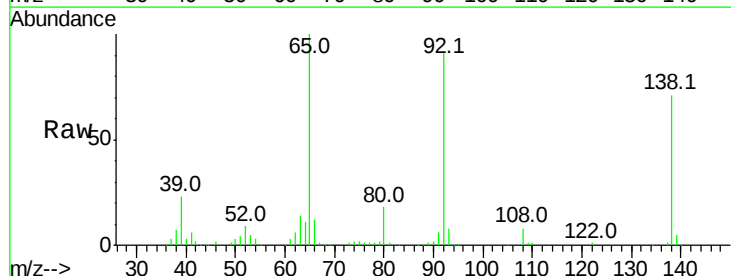
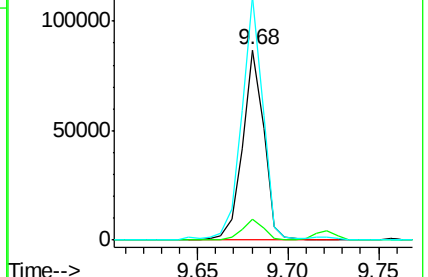
92 128.3 93.8 140.6

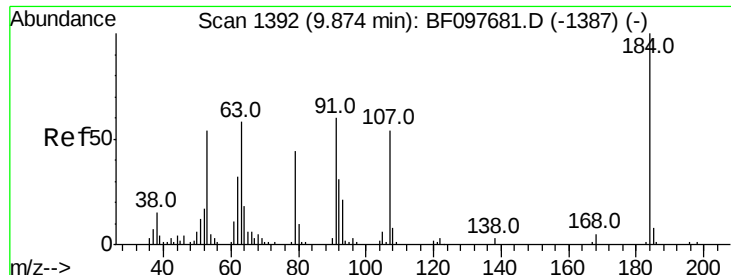


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

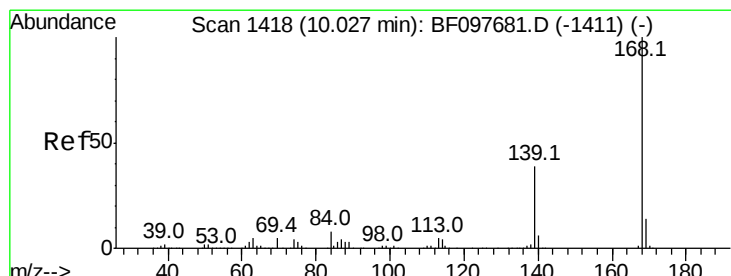
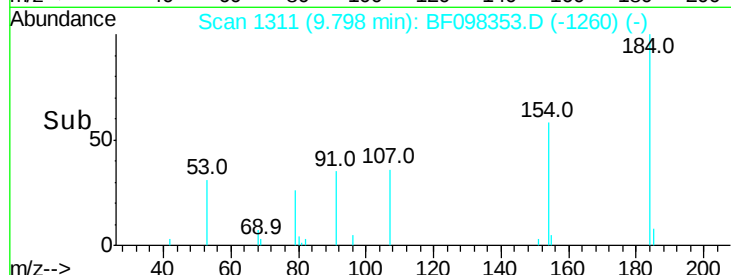
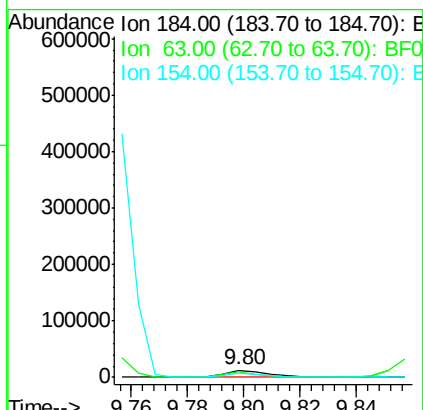
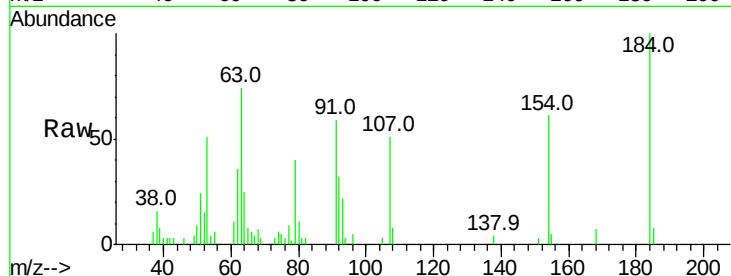




#53
 2,4-Dinitrophenol
 Concen: 20.833 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

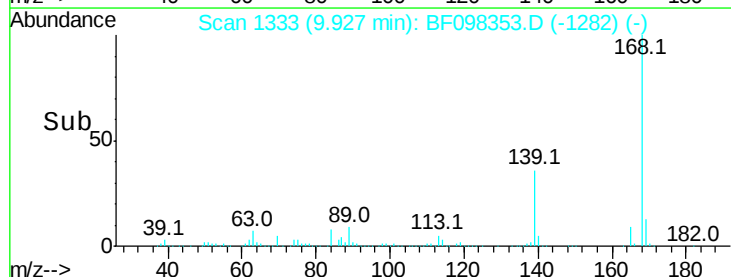
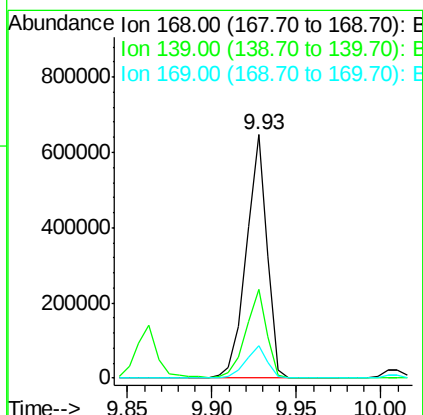
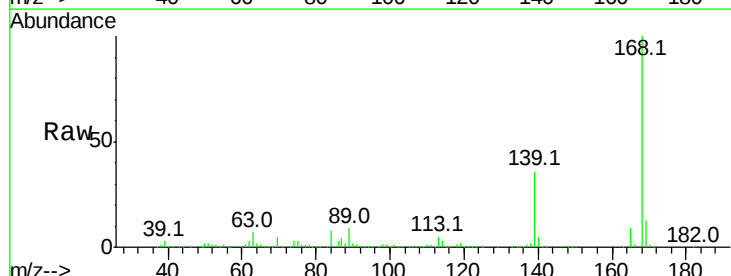
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

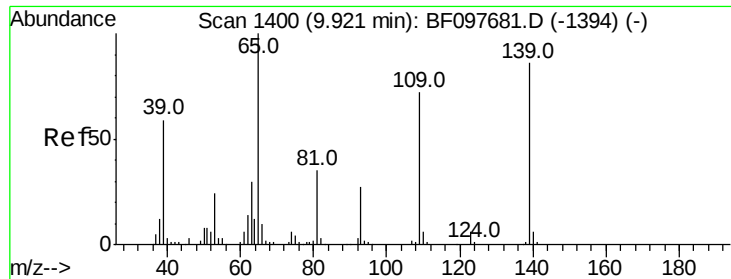
Tot Ion:184 Resp: 13148
 Ion Ratio Lower Upper
 184 100
 63 73.7 62.7 94.1
 154 60.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.084 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:168 Resp: 554676
 Ion Ratio Lower Upper
 168 100
 139 36.4 30.6 45.8
 169 13.2 10.8 16.2

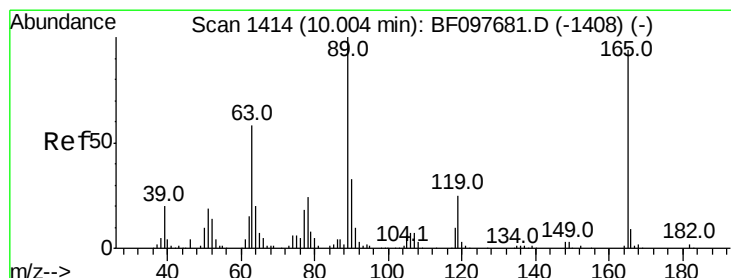
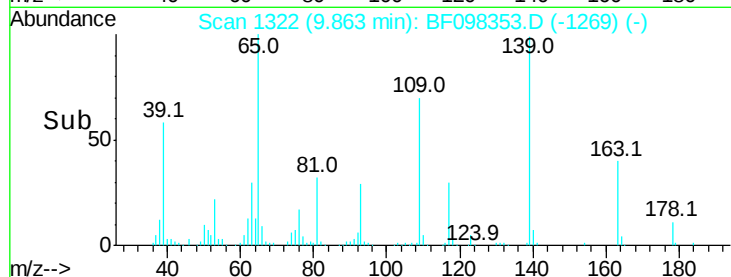
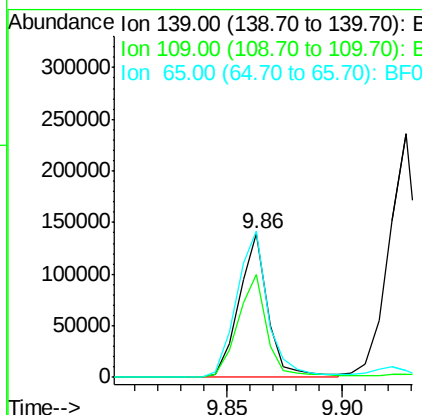
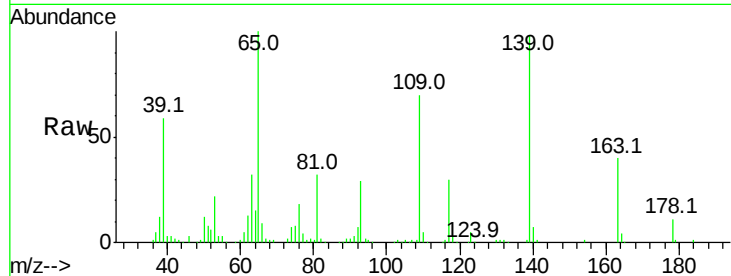




#55
 4-Nitrophenol
 Concen: 52.377 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

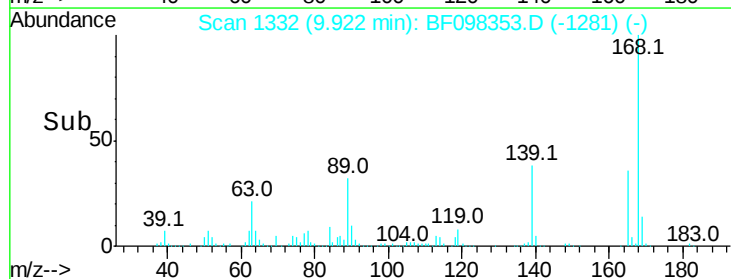
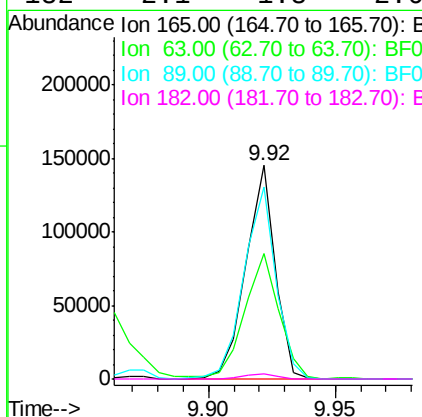
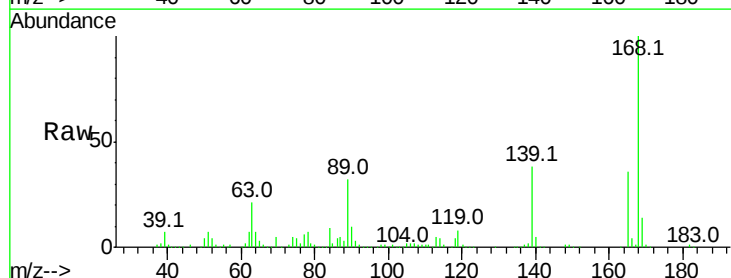
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

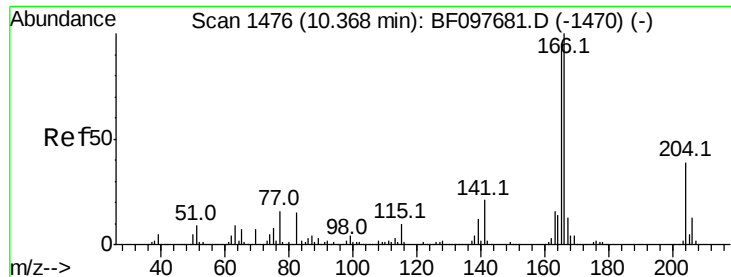
Tot Ion:139 Resp: 121697
 Ion Ratio Lower Upper
 139 100
 109 71.4 34.1 74.1
 65 101.6 31.4 71.4#



#56
 2,4-Dinitrotoluene
 Concen: 41.423 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:165 Resp: 117357
 Ion Ratio Lower Upper
 165 100
 63 58.6 25.4 38.0#
 89 89.9 46.4 69.6#
 182 2.1 1.8 2.6

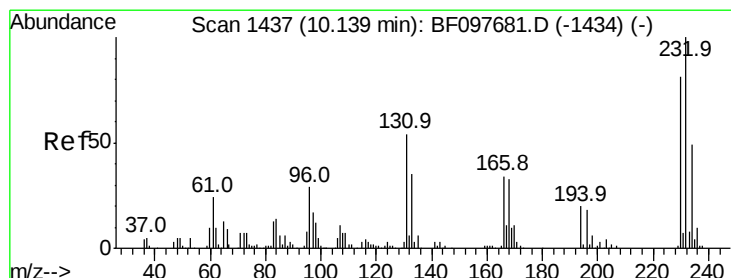
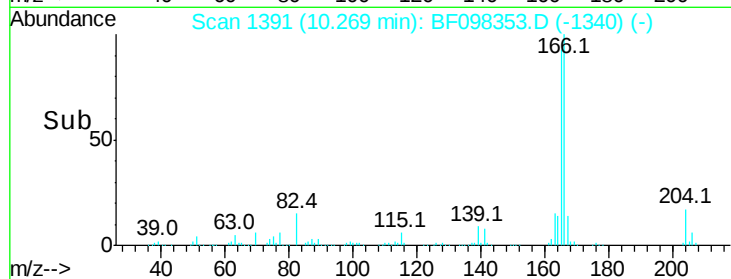
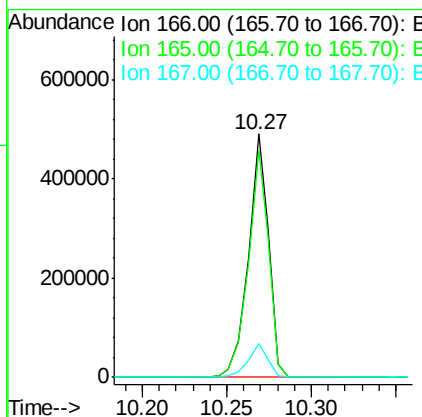
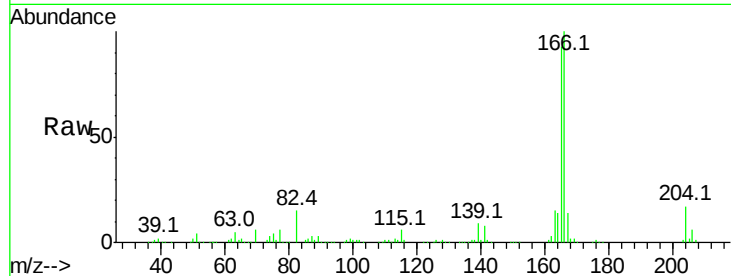




#57
Fluorene
 Concen: 38.299 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

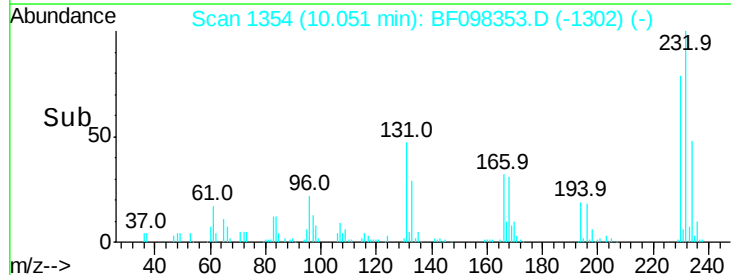
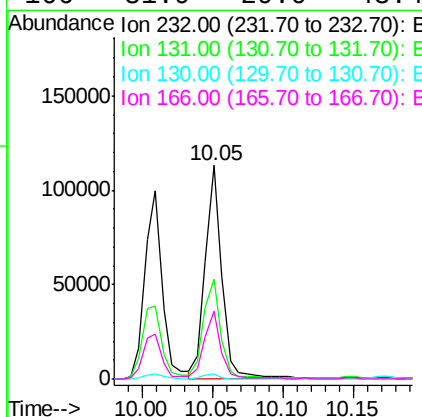
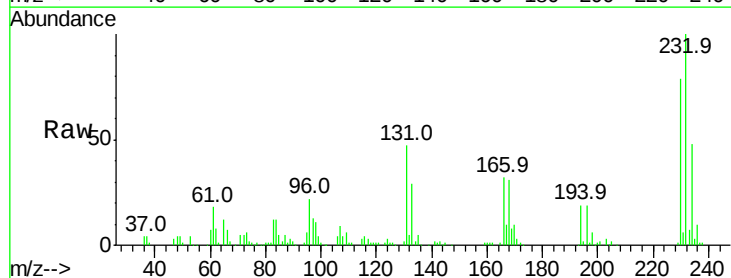
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

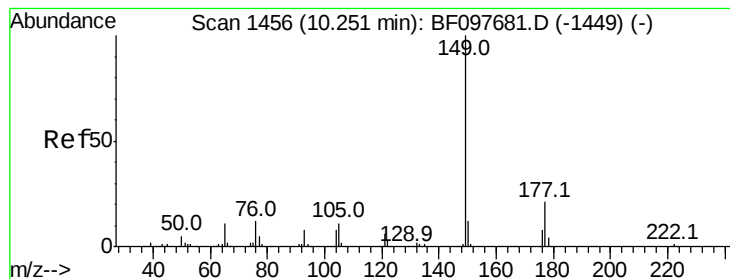
Tot Ion:166 Resp: 409745
 Ion Ratio Lower Upper
 166 100
 165 93.4 78.8 118.2
 167 13.6 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.943 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:232 Resp: 92910
 Ion Ratio Lower Upper
 232 100
 131 48.3 44.8 67.2
 130 2.4 2.3 3.5
 166 31.9 29.0 43.4





#59

Diethylphthalate

Concen: 41.006 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

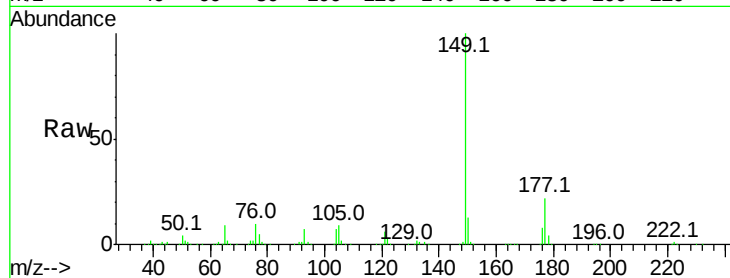
Tot Ion:149 Resp: 484986

Ion Ratio Lower Upper

149 100

177 21.9 16.7 25.1

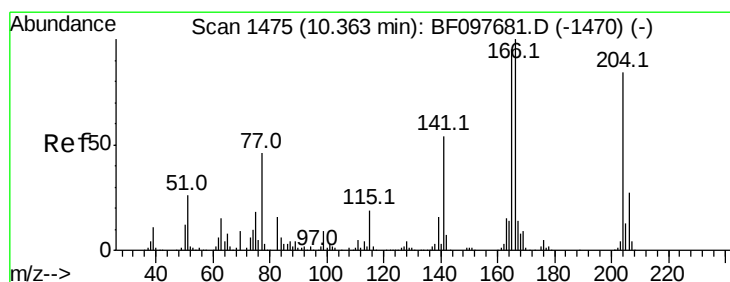
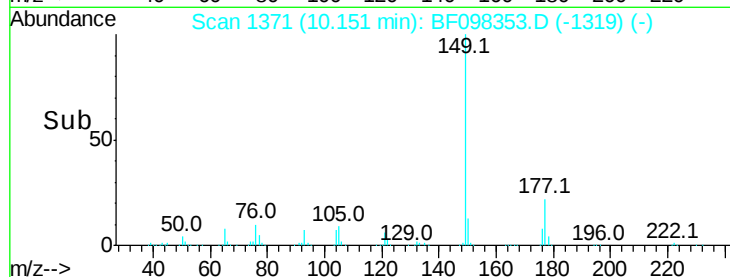
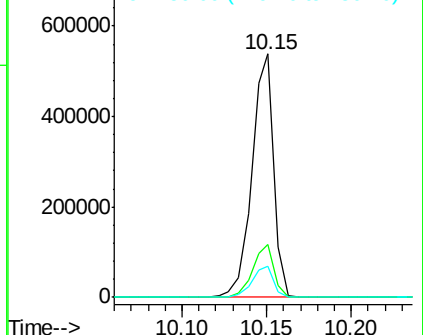
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.658 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

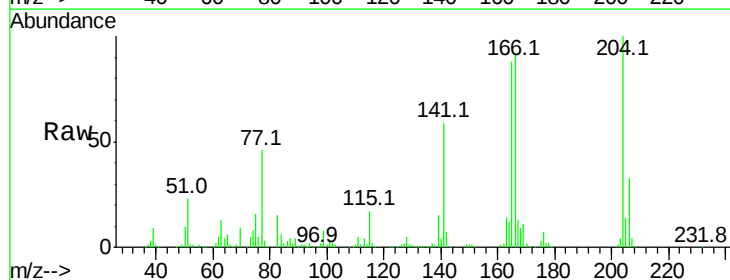
Tgt Ion:204 Resp: 202080

Ion Ratio Lower Upper

204 100

206 33.4 26.2 39.2

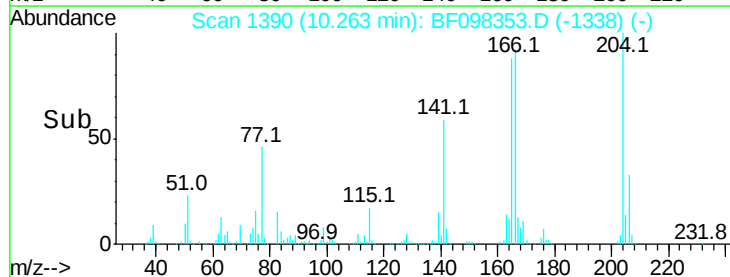
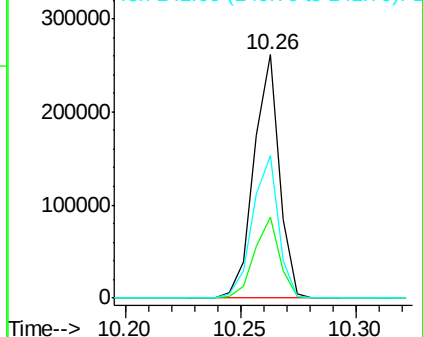
141 58.7 60.8 91.2#

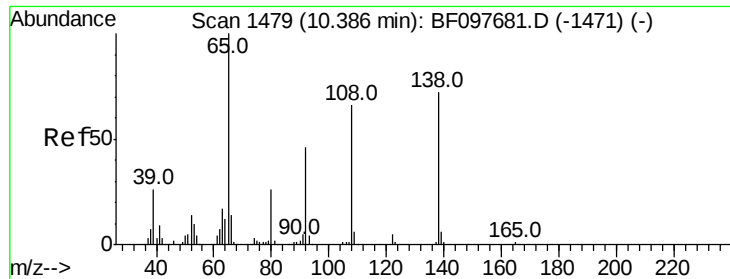


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.542 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

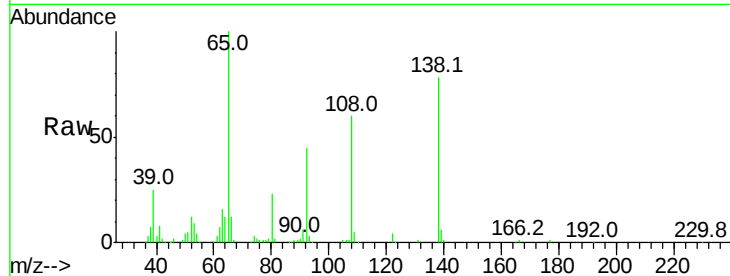
Tot Ion:138 Resp: 90087

Ion Ratio Lower Upper

138 100

92 58.3 21.8 61.8

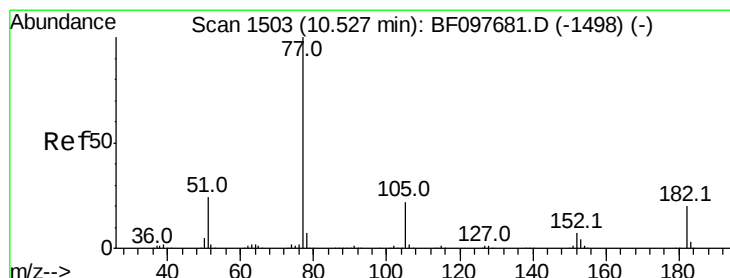
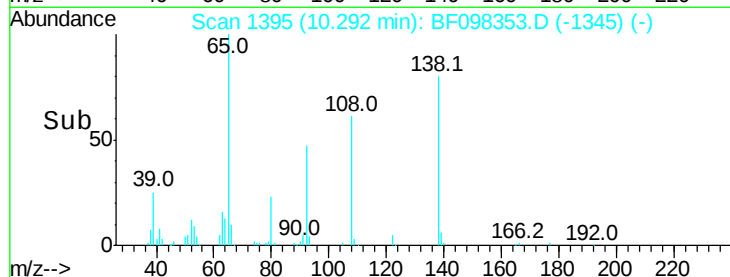
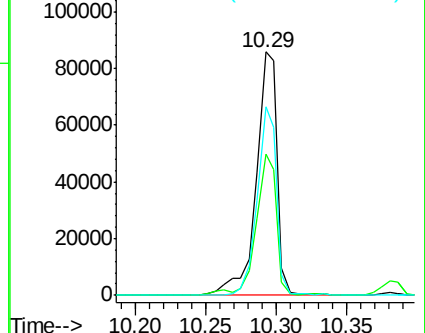
108 77.5 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.005 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Tgt Ion: 77 Resp: 533934

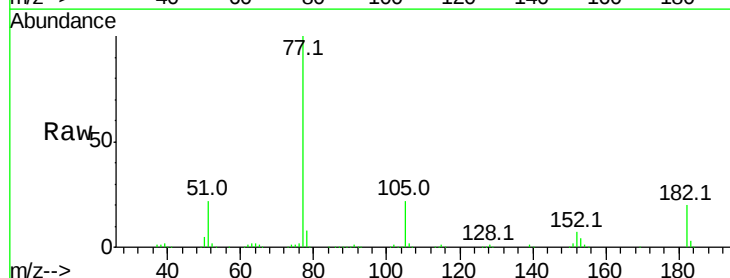
Ion Ratio Lower Upper

77 100

182 20.0 0.1 40.1

105 22.1 3.6 43.6

51 21.9 9.4 49.4

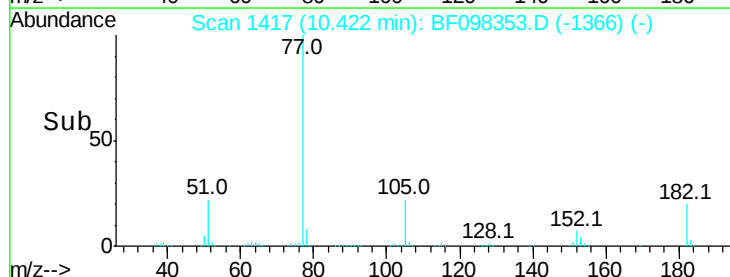
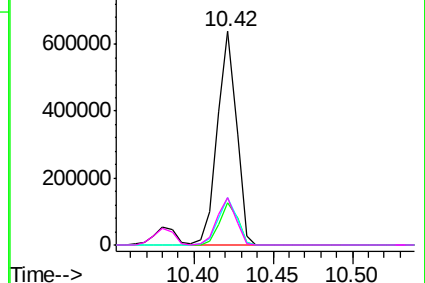


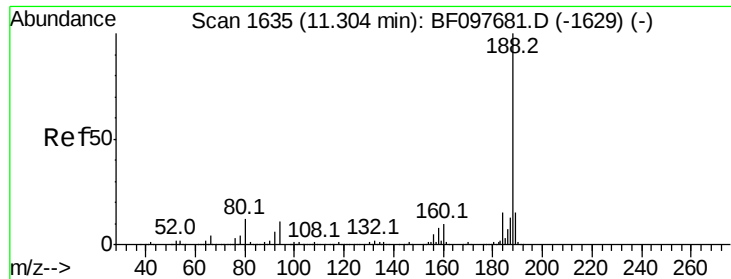
Abundance Ion 77.00 (76.70 to 77.70): BF0

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): BF0

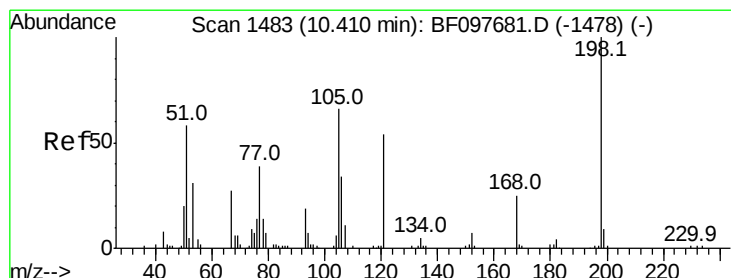
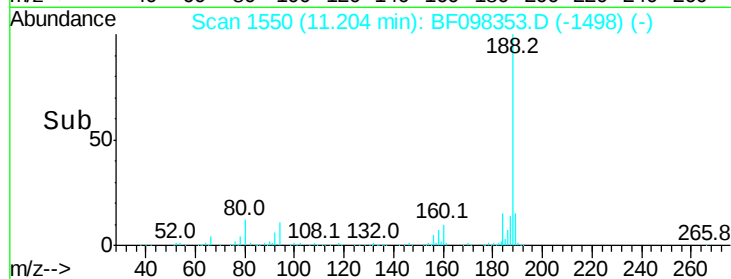
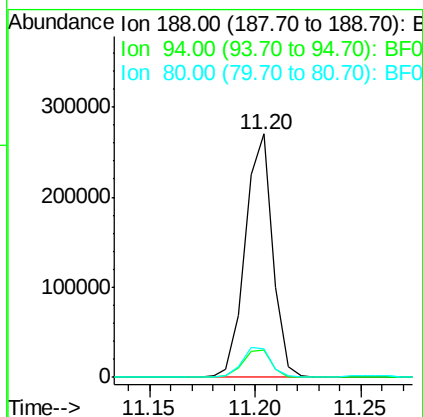
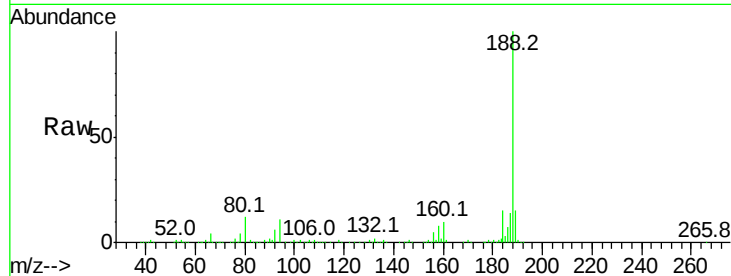




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

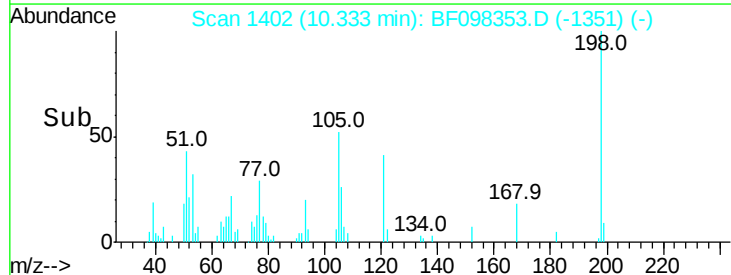
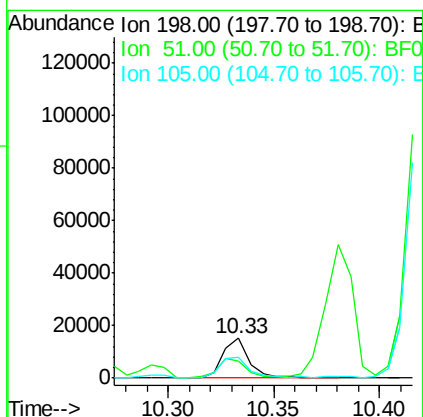
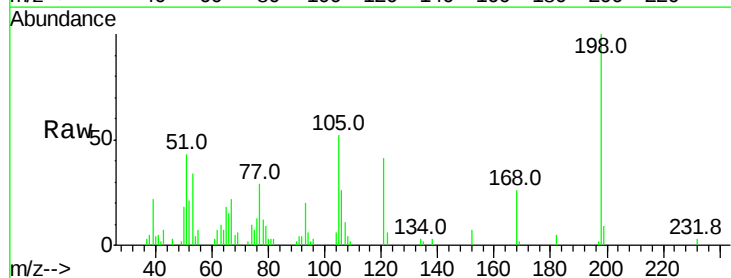
Instrument :
BNA_F
ClientSampleId :
PB102122BS

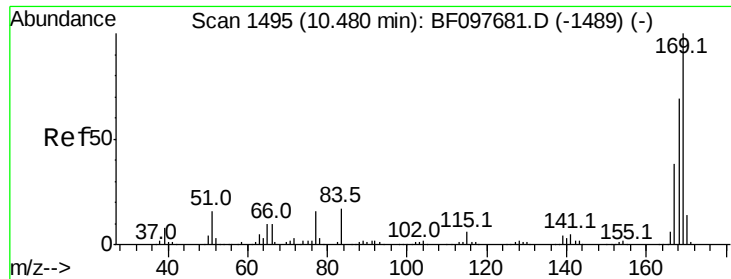
Tot Ion:188 Resp: 242844
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 18.003 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion:198 Resp: 13403
Ion Ratio Lower Upper
198 100
51 43.3 53.2 93.2#
105 52.3 45.8 85.8

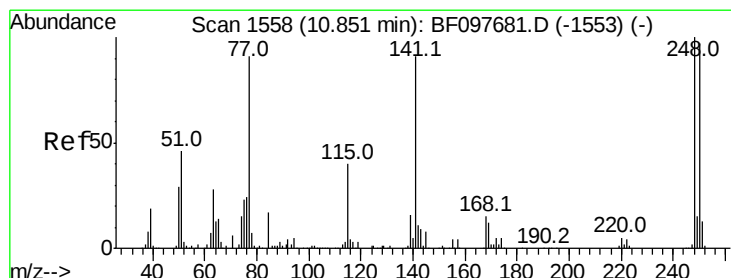
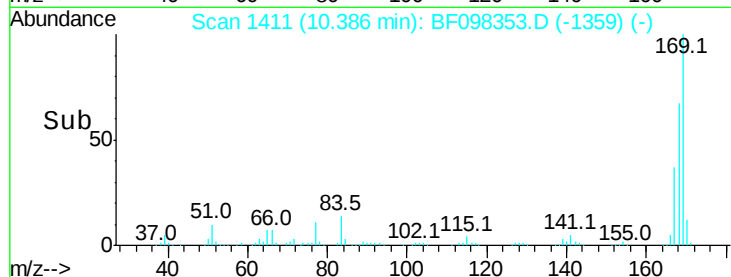
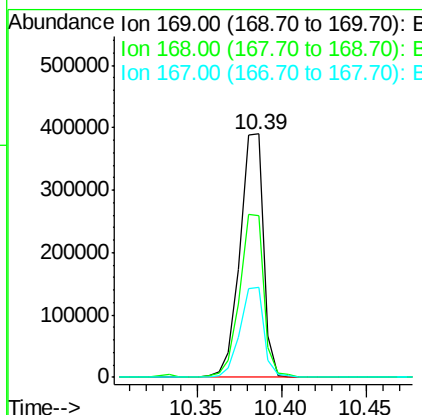
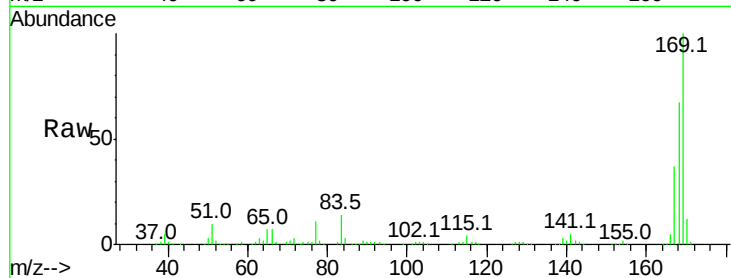




#65
n-Nitrosodiphenylamine
Concen: 45.880 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

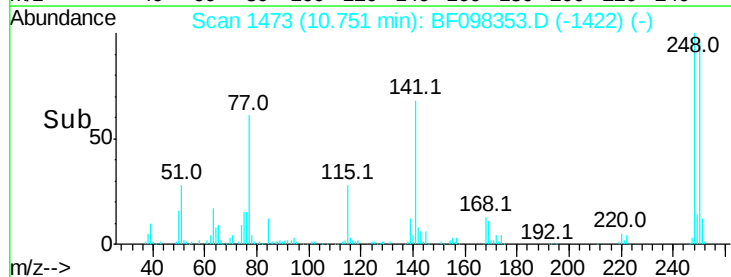
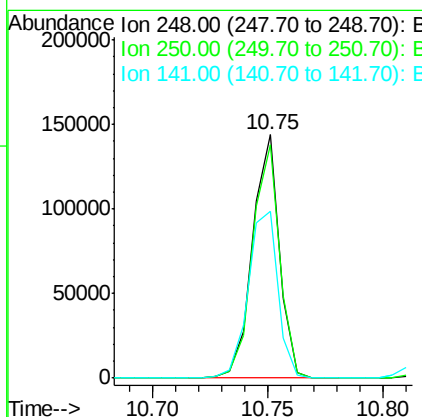
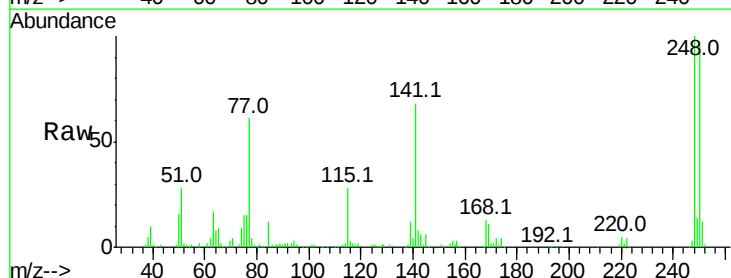
Instrument :
BNA_F
ClientSampleId :
PB102122BS

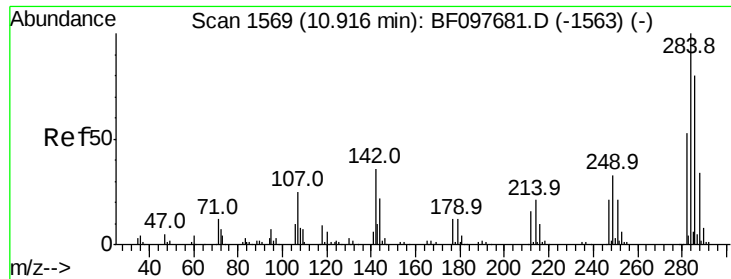
Tot Ion:169 Resp: 379405
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 37.1 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 46.404 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion:248 Resp: 117021
Ion Ratio Lower Upper
248 100
250 95.6 76.8 115.2
141 68.5 68.6 103.0#

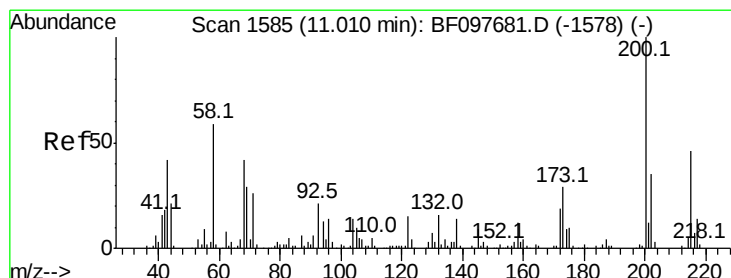
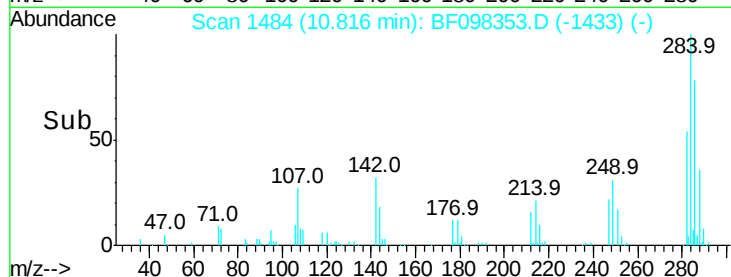
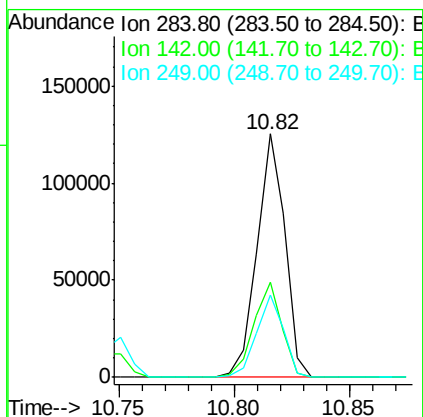
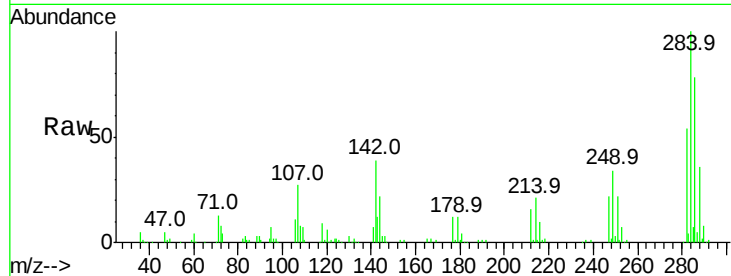




#67
Hexachlorobenzene
Concen: 41.218 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

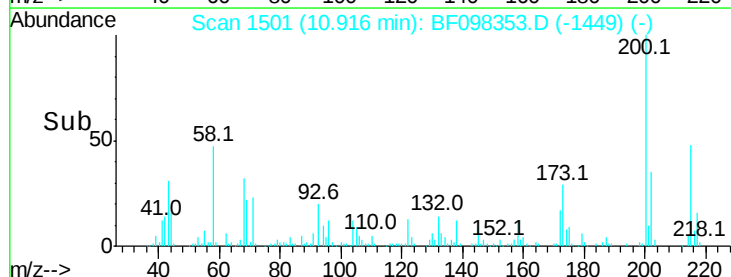
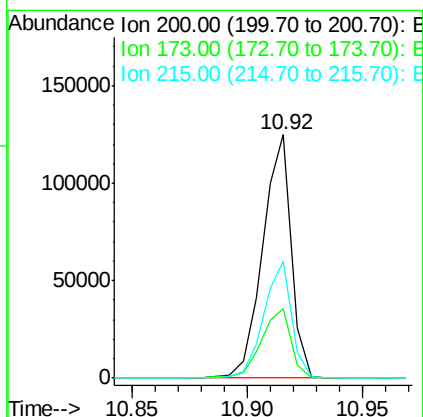
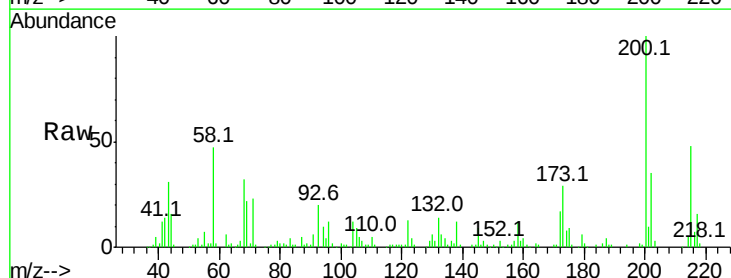
Instrument :
BNA_F
ClientSampleId :
PB102122BS

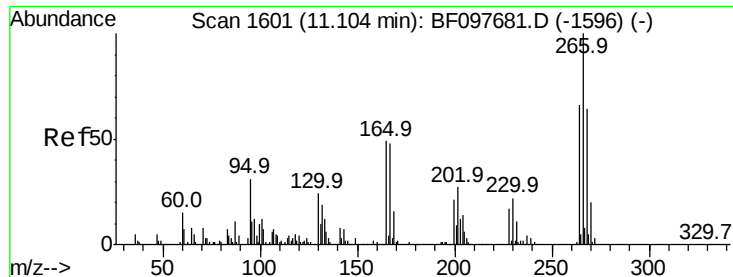
Tot Ion:284 Resp: 105945
Ion Ratio Lower Upper
284 100
142 39.2 22.8 34.2#
249 34.0 24.0 36.0



#68
Atrazine
Concen: 48.809 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion:200 Resp: 107042
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 48.0 27.2 67.2

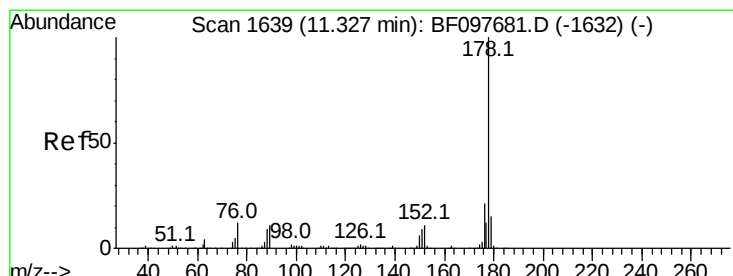
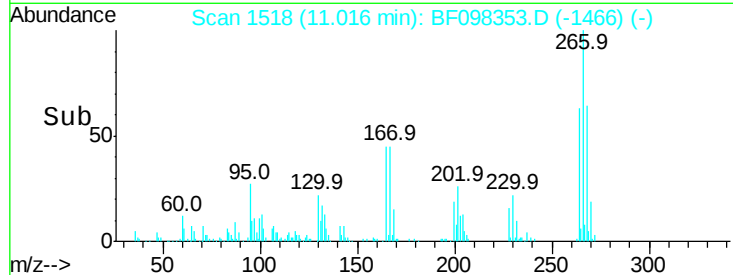
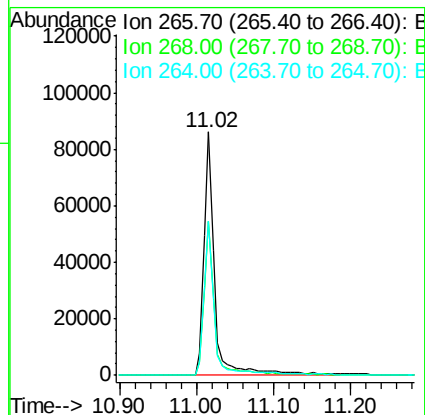
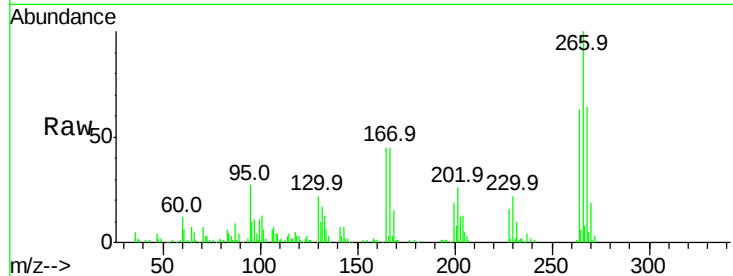




#69
 Pentachlorophenol
 Concen: 56.518 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

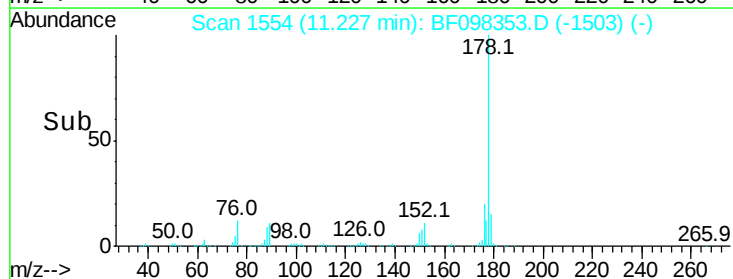
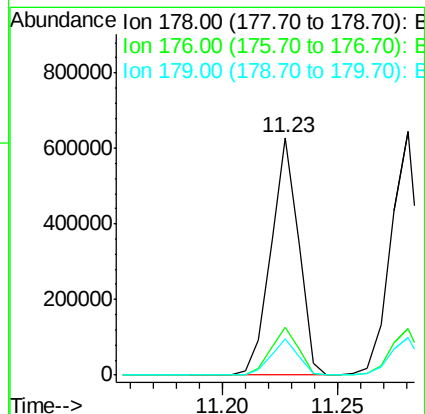
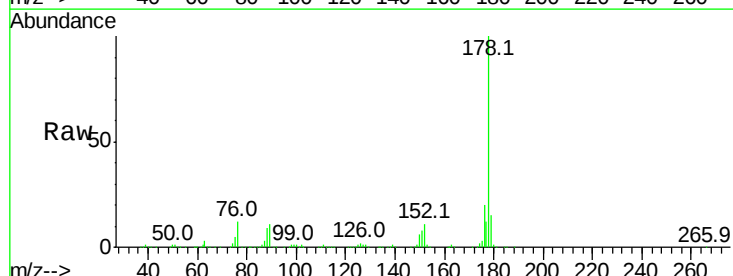
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

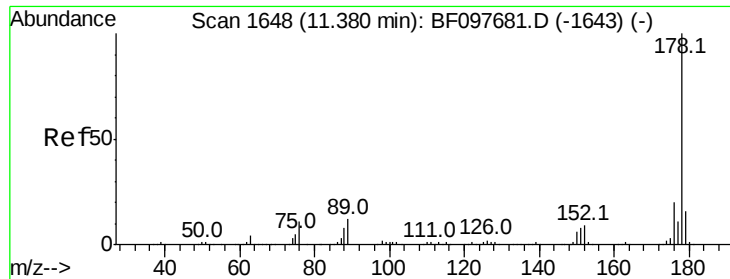
Tot Ion:266 Resp: 84701
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 63.4 51.7 77.5



#70
 Phenanthrene
 Concen: 40.291 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:178 Resp: 521379
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.4 12.6 19.0





#71

Anthracene

Concen: 40.770 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

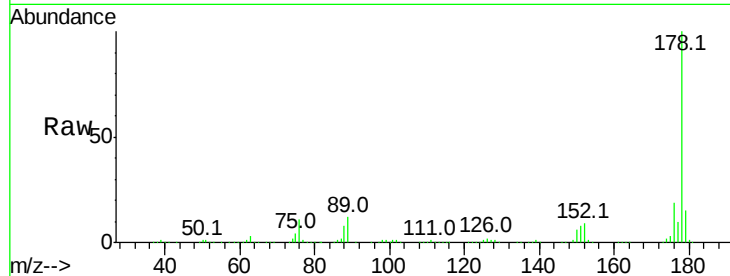
Tot Ion:178 Resp: 535114

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

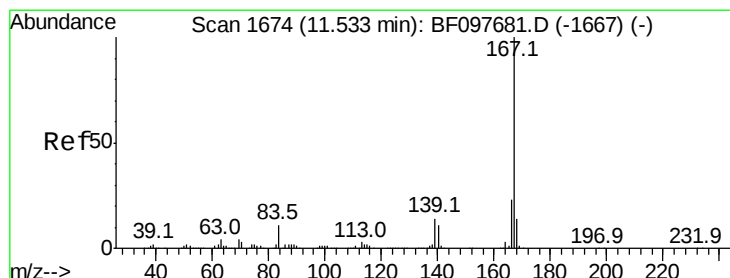
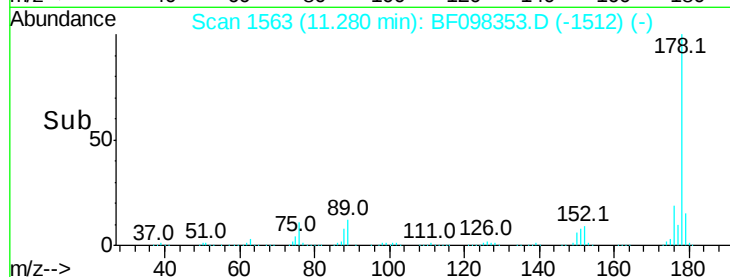
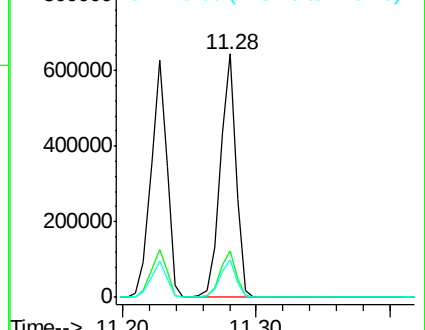
179 15.3 12.7 19.1



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



#72

Carbazole

Concen: 38.361 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

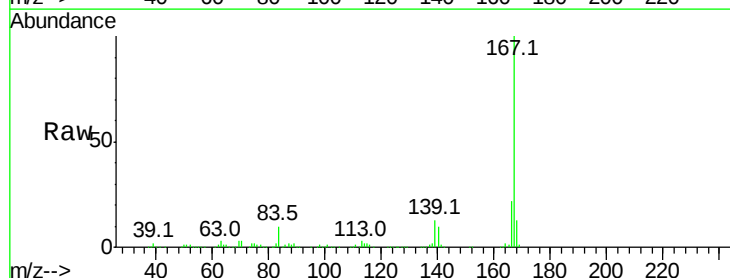
Tgt Ion:167 Resp: 477917

Ion Ratio Lower Upper

167 100

166 21.9 18.1 27.1

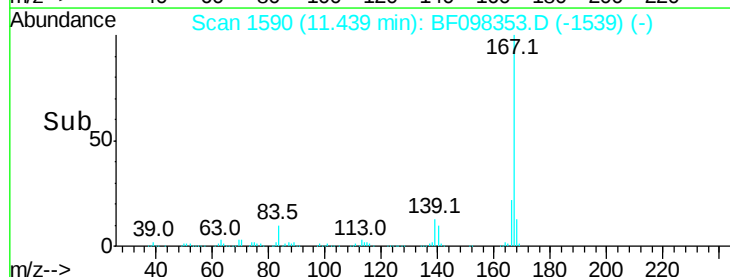
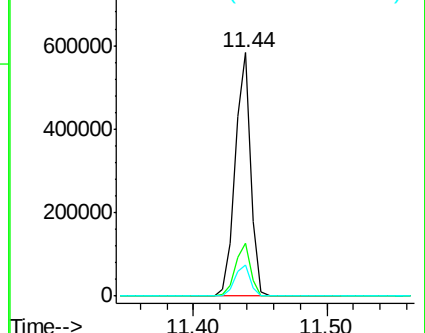
139 12.7 11.7 17.5

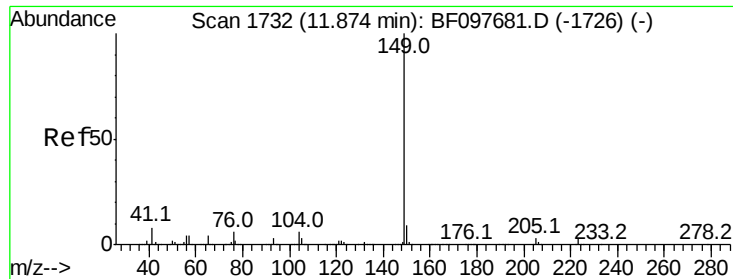


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.956 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

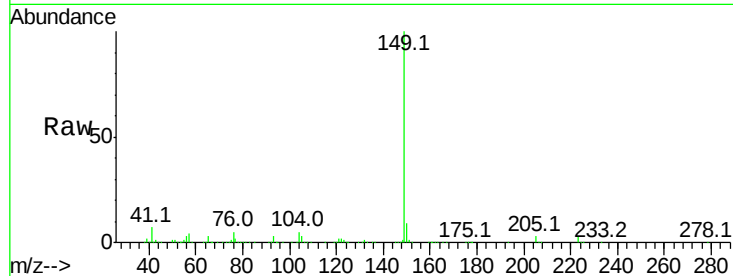
Tot Ion:149 Resp: 673838

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

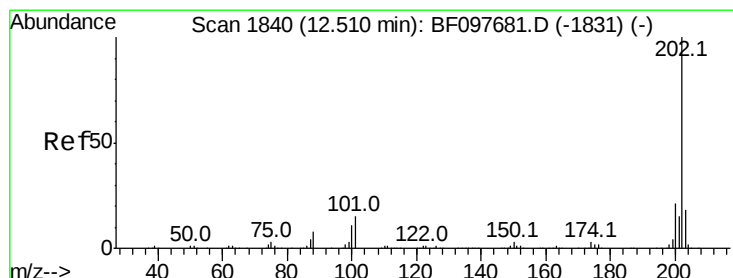
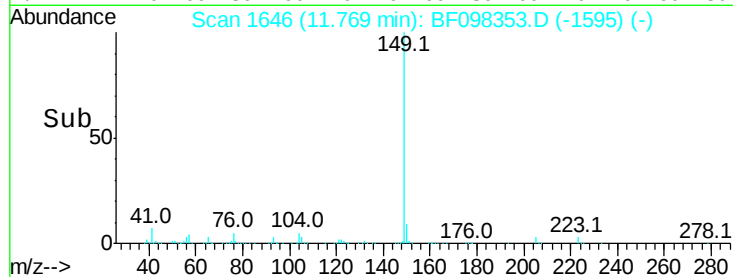
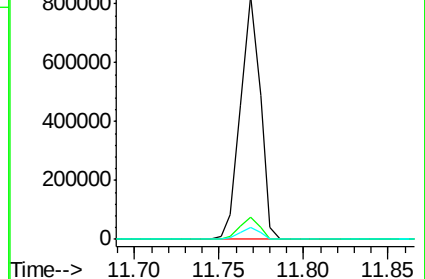
104 4.9 4.0 6.0



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: 37.904 ng

RT: 12.41 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

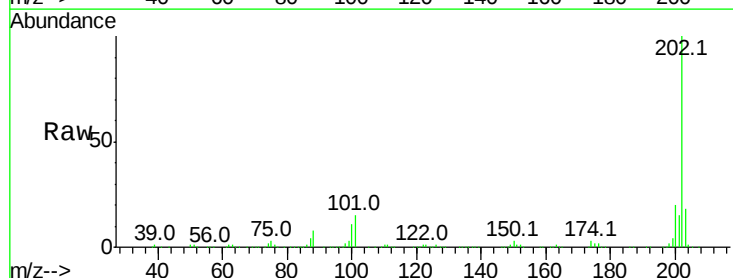
Tgt Ion:202 Resp: 511962

Ion Ratio Lower Upper

202 100

101 15.1 0.0 33.2

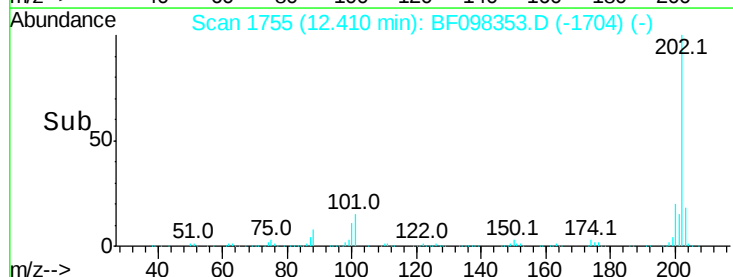
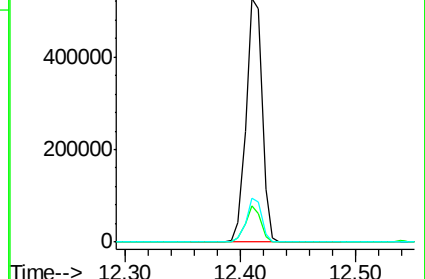
203 18.2 0.0 38.1

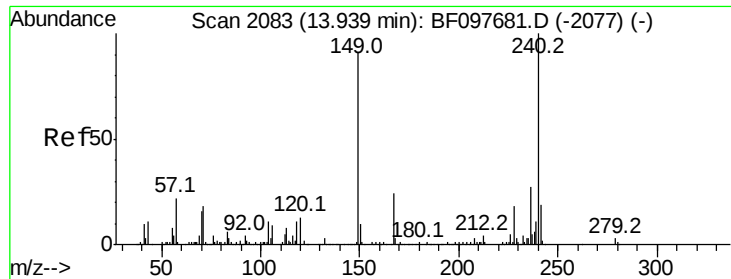


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

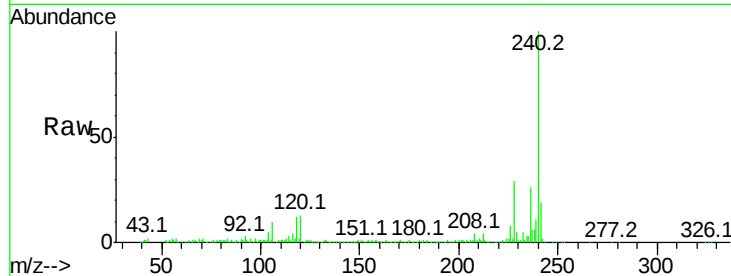
Tot Ion:240 Resp: 194908

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

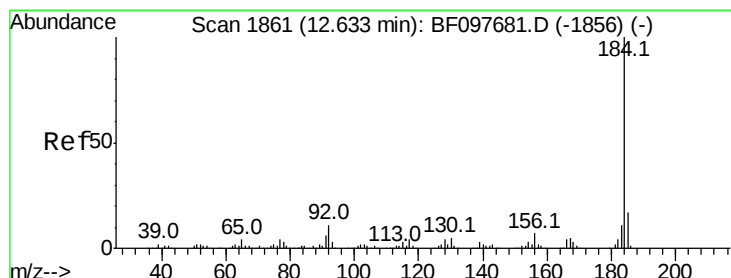
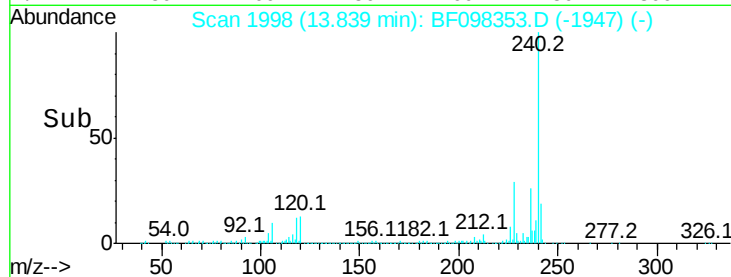
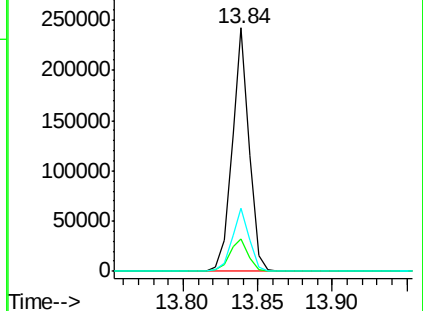
236 26.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 56.685 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

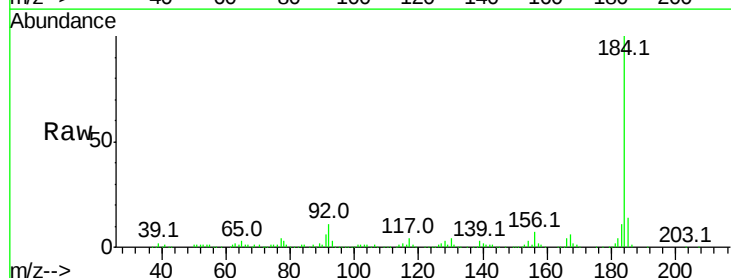
Tgt Ion:184 Resp: 362252

Ion Ratio Lower Upper

184 100

185 14.4 15.5 23.3#

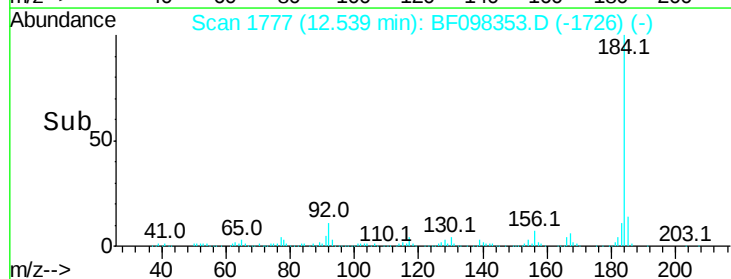
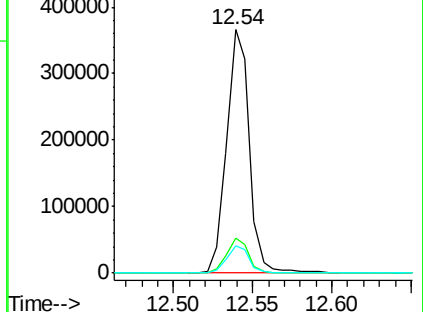
183 11.2 9.8 14.6

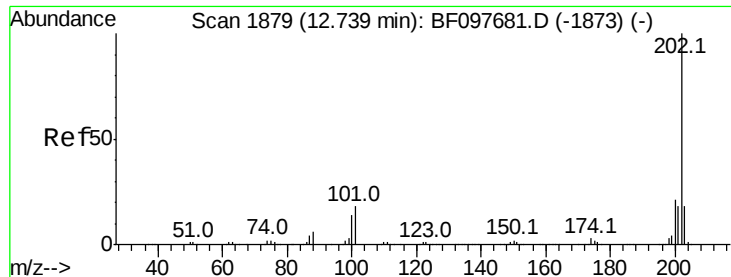


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.468 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

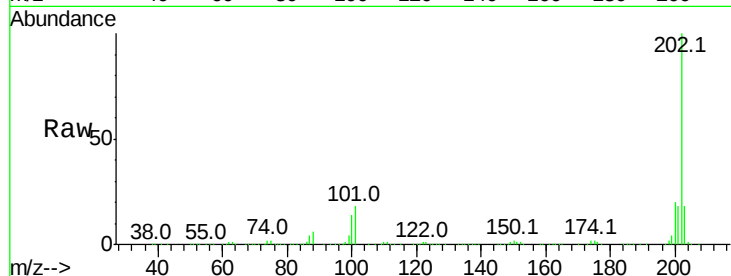
Tot Ion:202 Resp: 517580

Ion Ratio Lower Upper

202 100

200 20.3 17.6 26.4

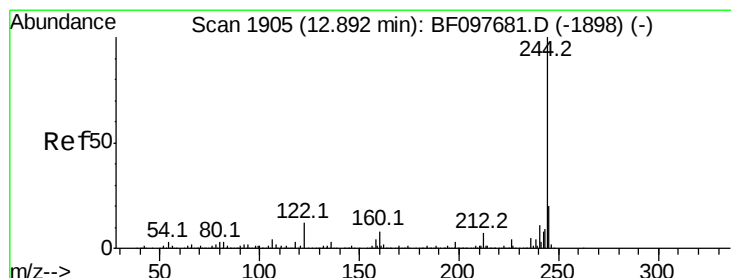
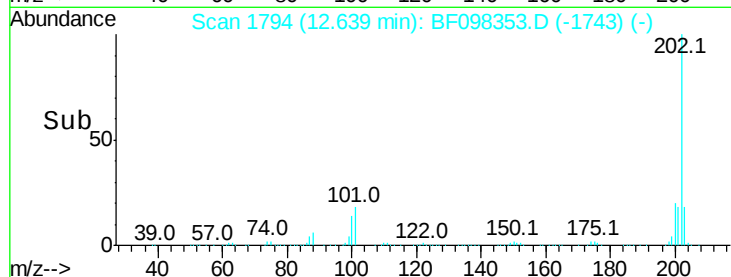
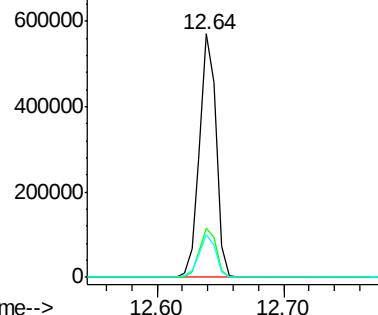
203 17.7 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 66.660 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

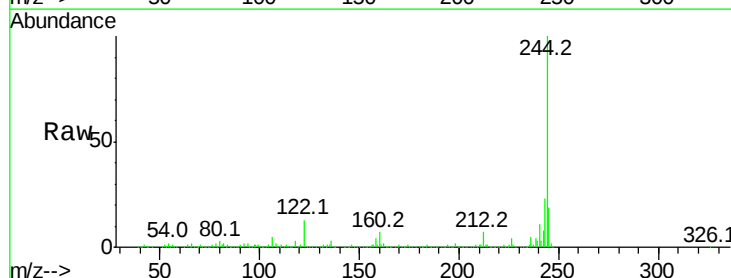
Tgt Ion:244 Resp: 623040

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

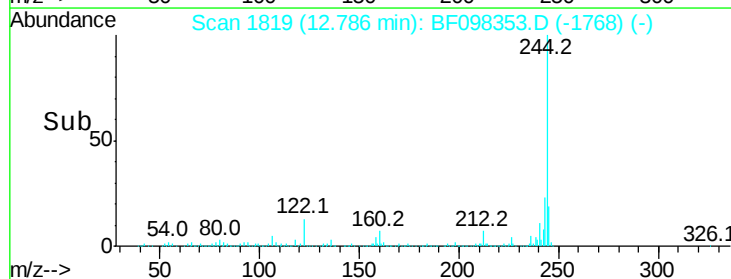
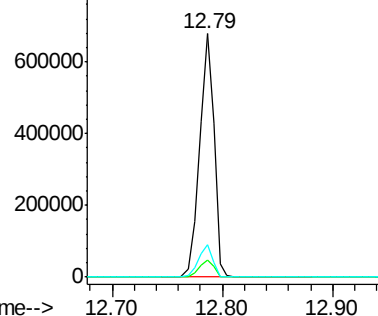
122 13.1 10.3 15.5

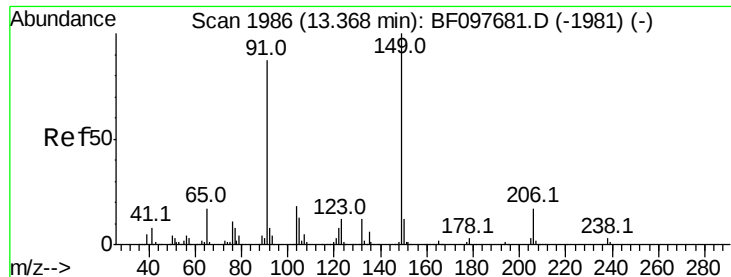


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

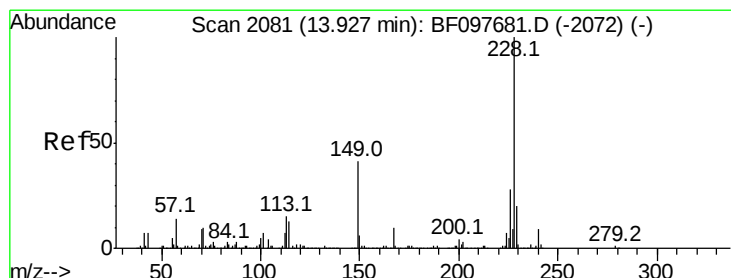
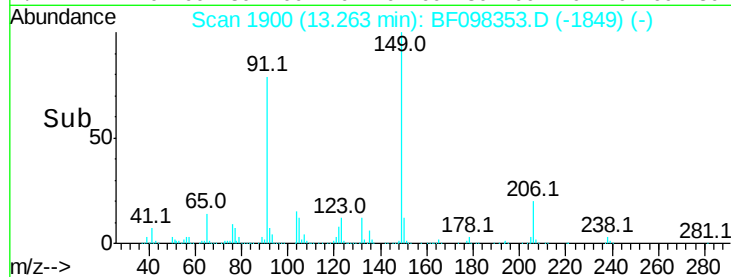
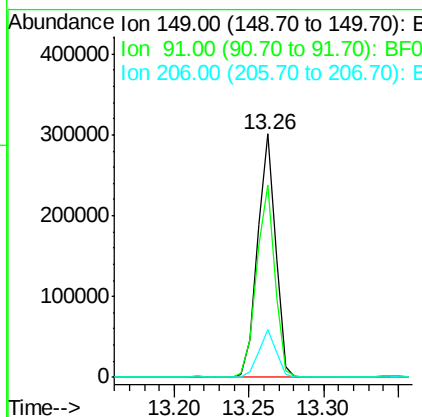
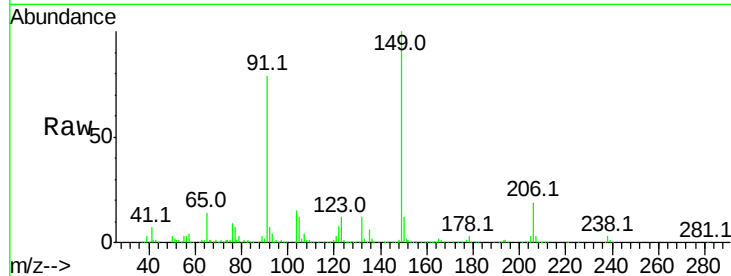




#79
 Butylbenzylphthalate
 Concen: 40.384 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

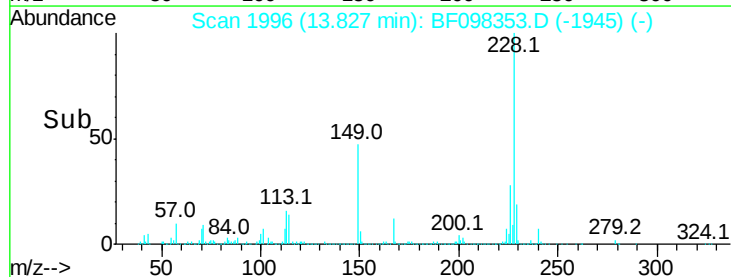
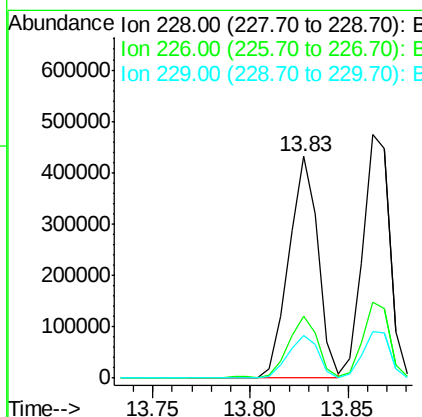
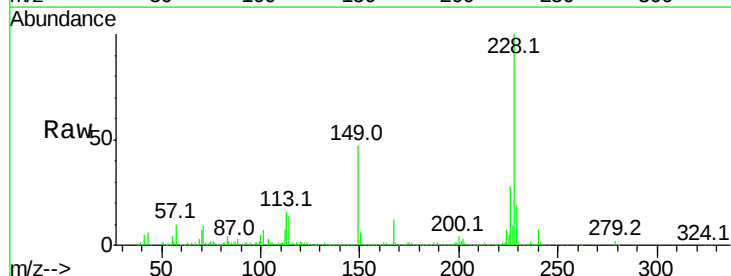
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

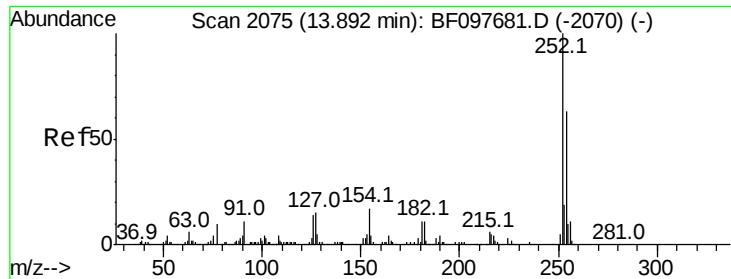
Tot Ion:149 Resp: 246820
 Ion Ratio Lower Upper
 149 100
 91 79.0 45.0 67.4#
 206 19.5 17.0 25.6



#80
 Benzo(a)anthracene
 Concen: 38.004 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:228 Resp: 443951
 Ion Ratio Lower Upper
 228 100
 226 27.7 22.6 33.8
 229 19.3 16.3 24.5

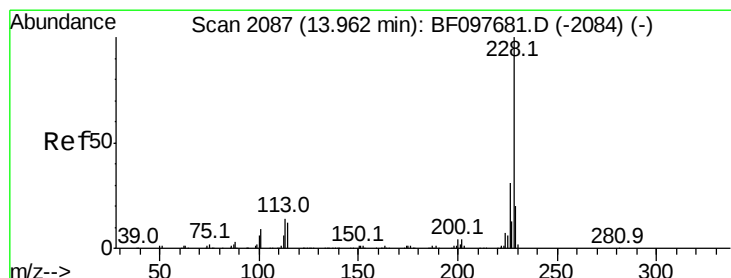
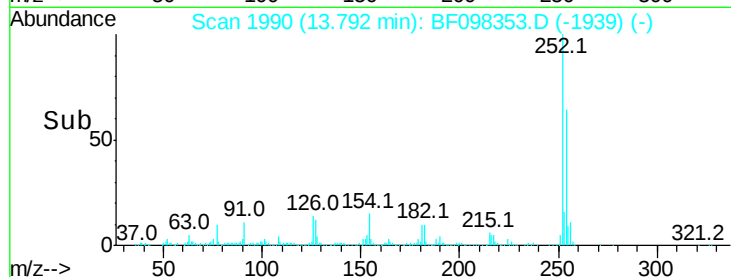
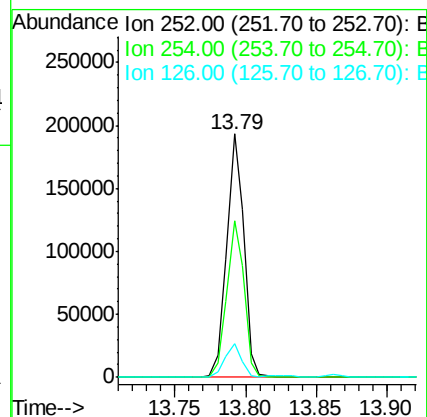
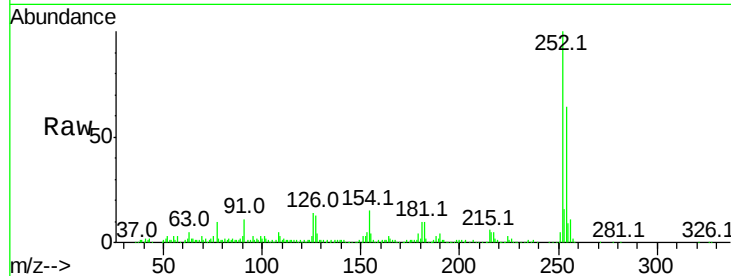




#81
 3,3'-Dichlorobenzidine
 Concen: 41.688 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

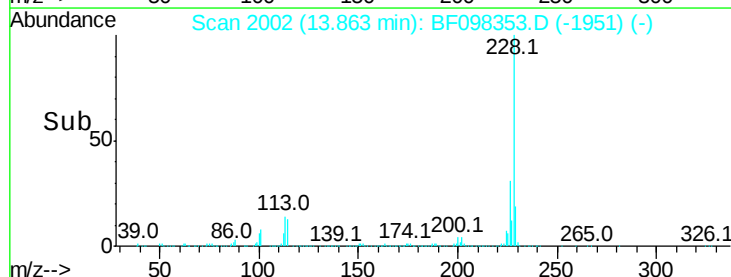
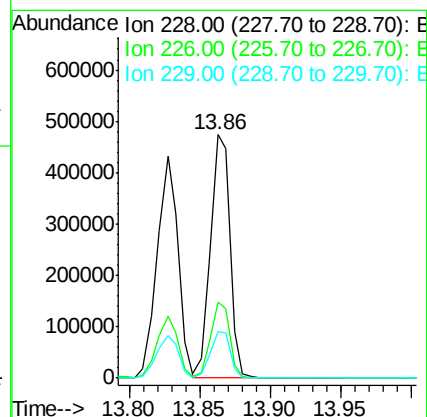
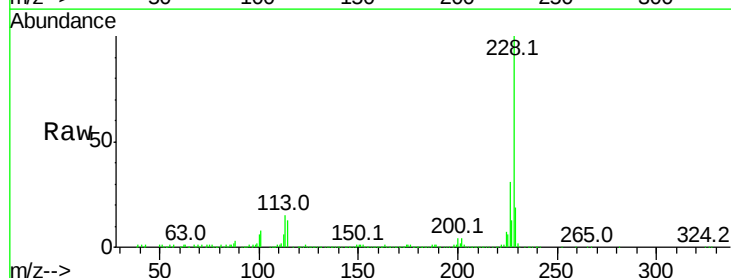
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

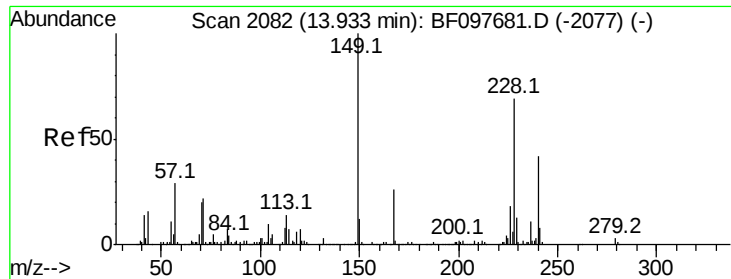
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	13.9	15.8	23.8#



#82
 Chrysene
 Concen: 38.994 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	19.2	15.8	23.6

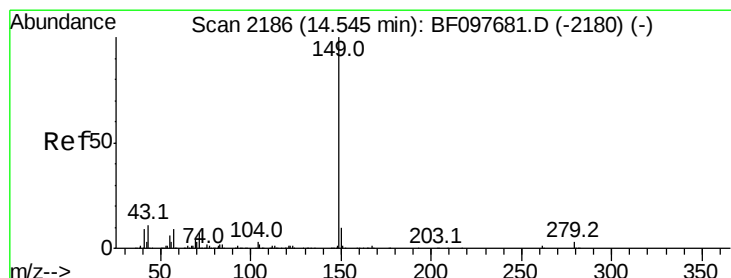
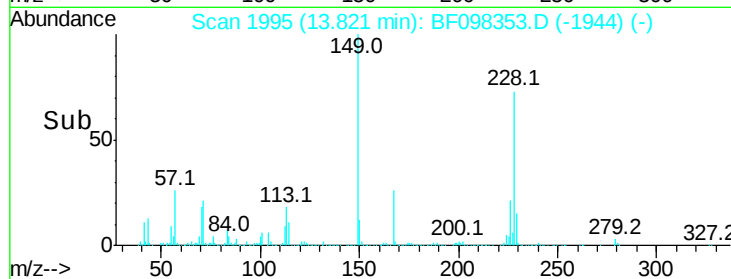
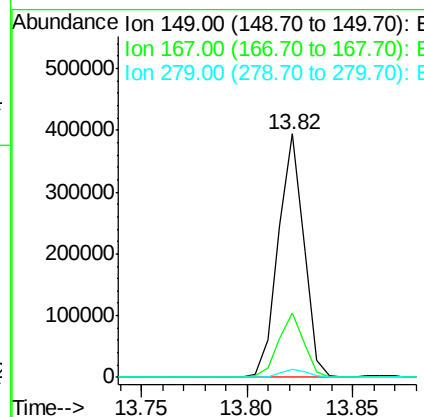
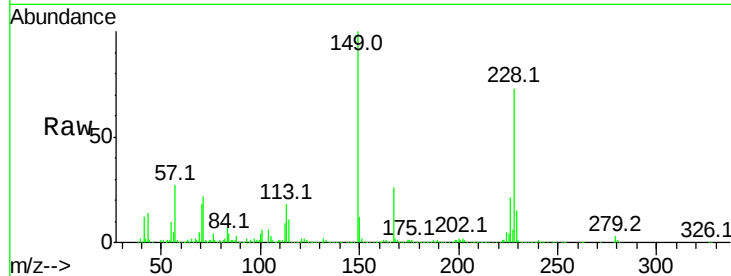




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.842 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

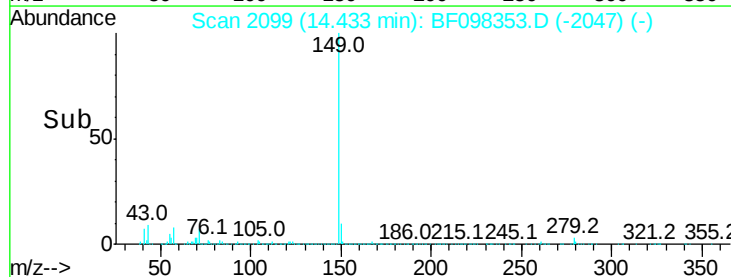
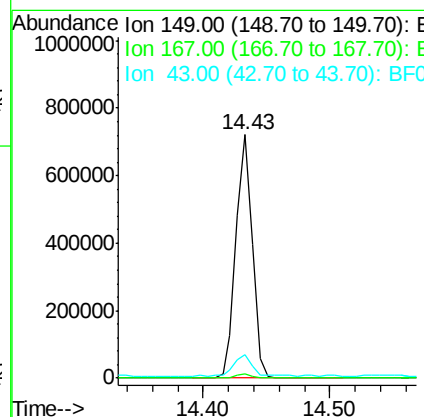
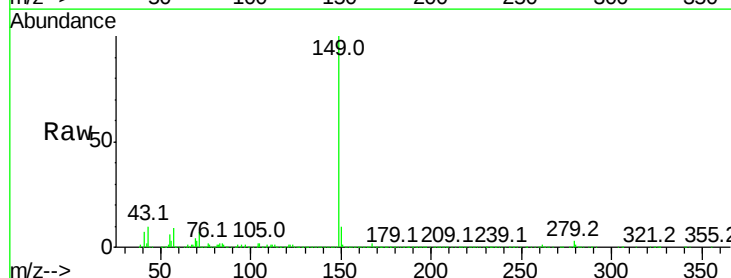
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

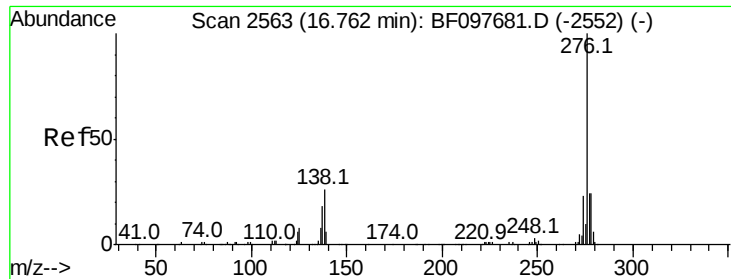
Tot Ion:149 Resp: 330790
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 53.994 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:149 Resp: 636269
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.5 12.7

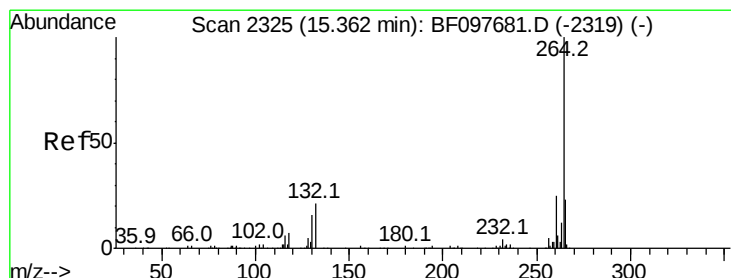
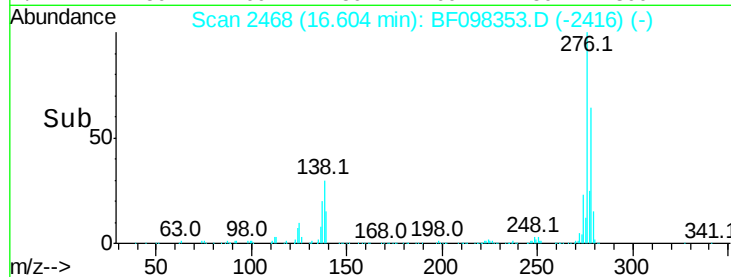
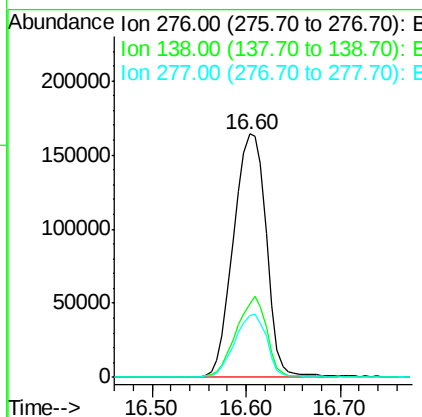
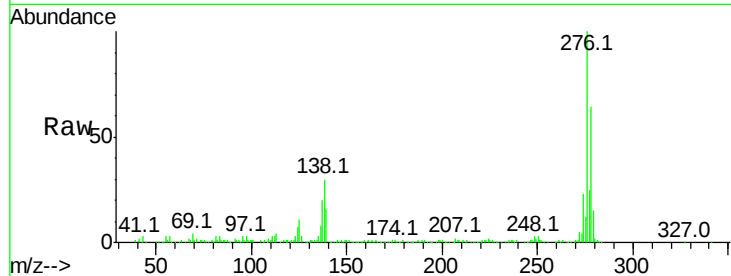




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.636 ng
 RT: 16.60 min Scan# 2468
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

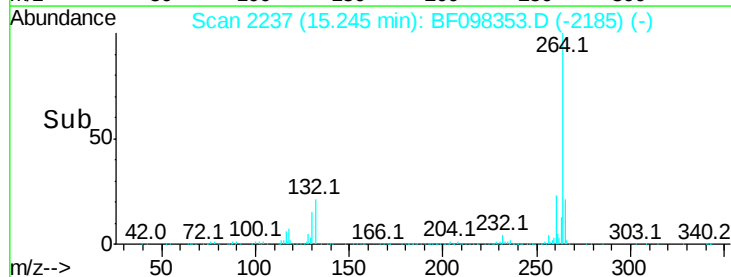
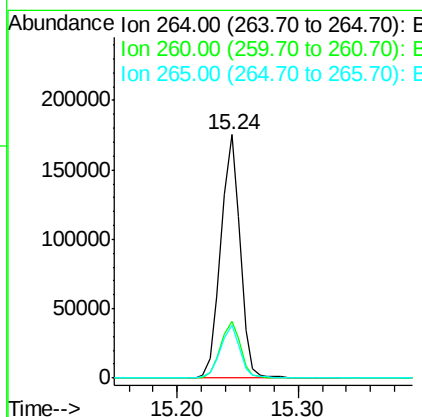
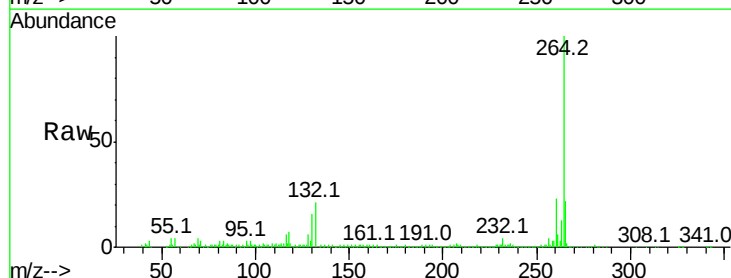
Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

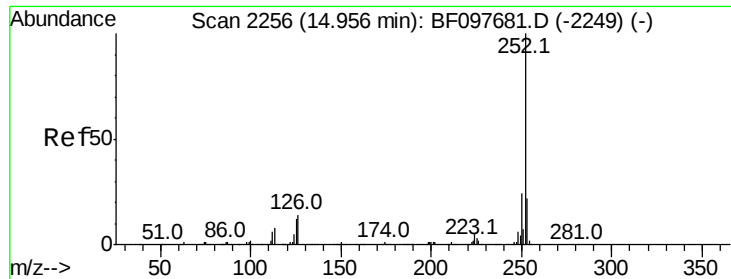
Tot Ion:276 Resp: 398669
 Ion Ratio Lower Upper
 276 100
 138 30.3 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF098353.D
 Acq: 8 Sep 2017 16:29

Tgt Ion:264 Resp: 194641
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 39.835 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

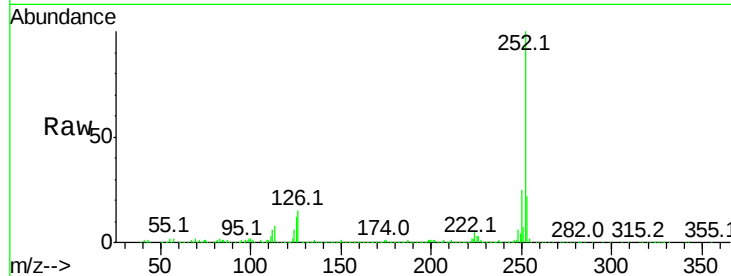
Tot Ion:252 Resp: 488729

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

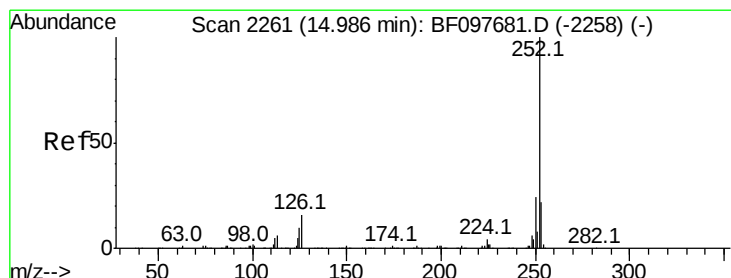
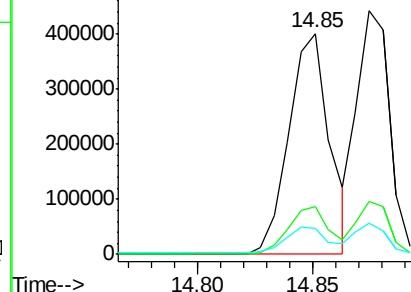
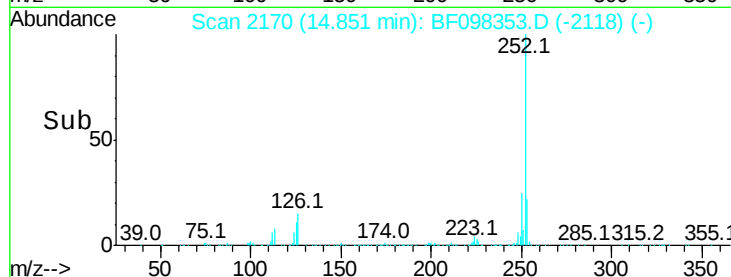
125 11.9 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.995 ng

RT: 14.87 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

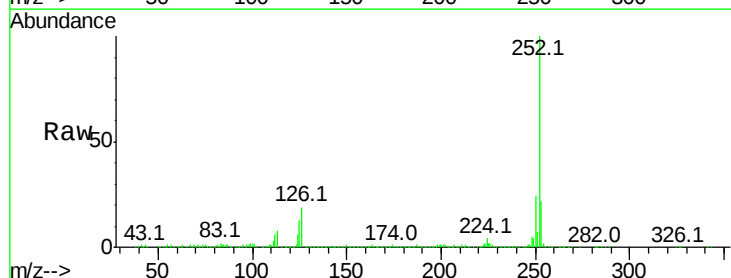
Tgt Ion:252 Resp: 437948

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

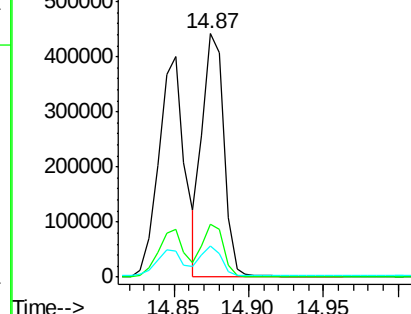
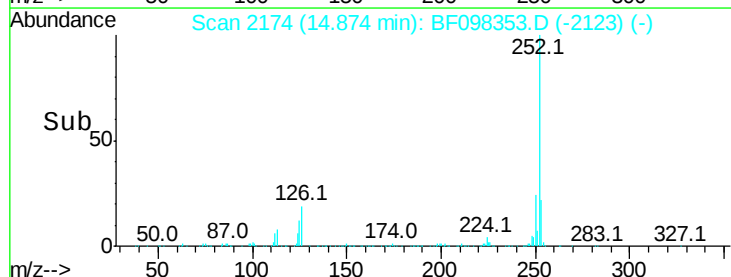
125 12.7 13.1 19.7#

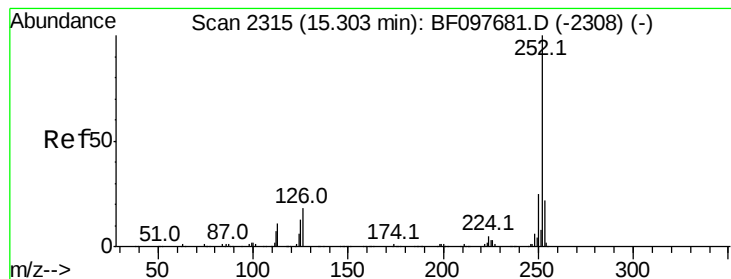


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

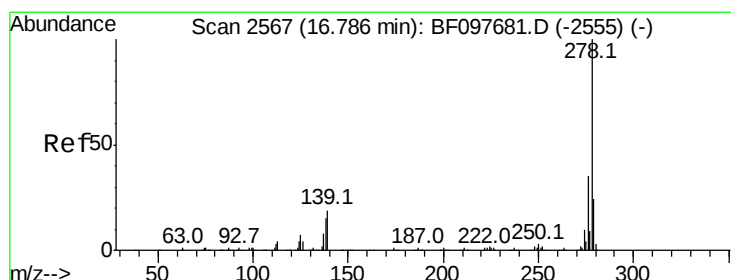
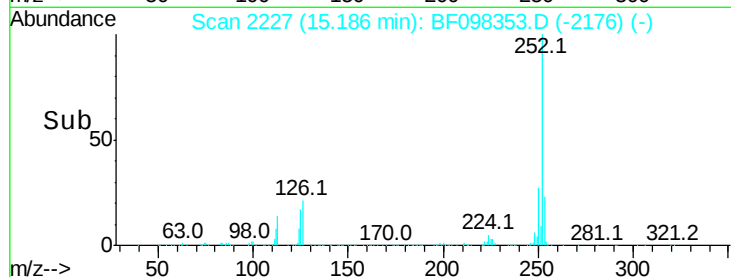
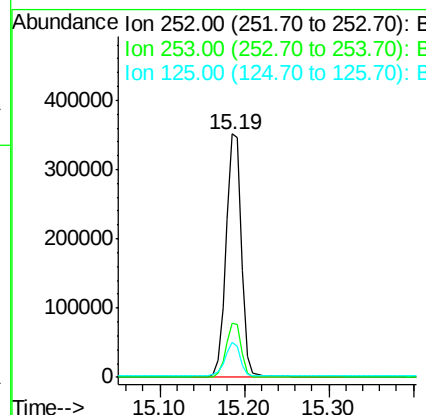
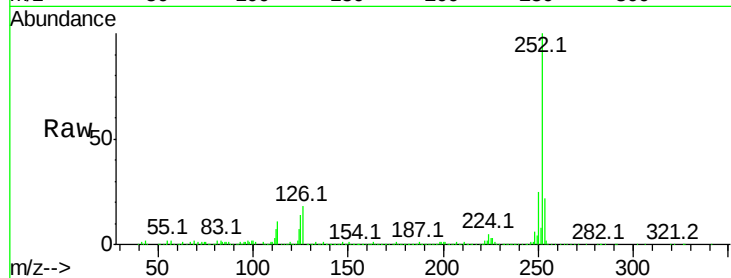




#89
Benzo(a)pyrene
Concen: 41.330 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

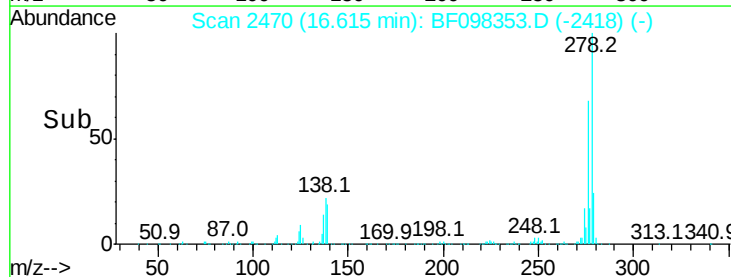
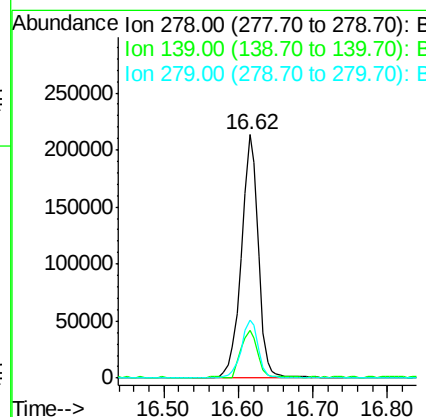
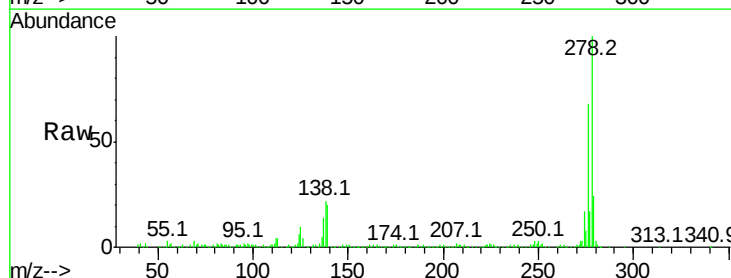
Instrument :
BNA_F
ClientSampleId :
PB102122BS

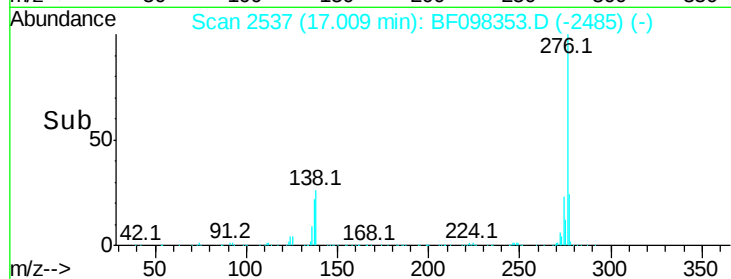
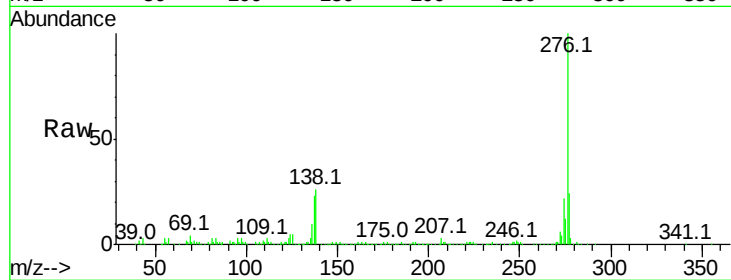
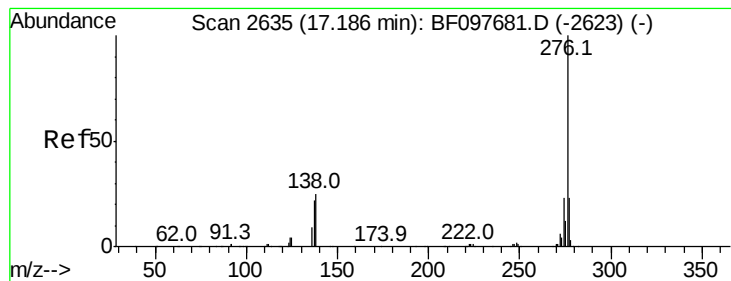
Tot Ion:252 Resp: 448893
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 14.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.342 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF098353.D
Acq: 8 Sep 2017 16:29

Tgt Ion:278 Resp: 339034
Ion Ratio Lower Upper
278 100
139 19.6 16.6 24.8
279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 34.214 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF098353.D

Acq: 8 Sep 2017 16:29

Instrument :

BNA_F

ClientSampleId :

PB102122BS

Tot Ion:276 Resp: 315669

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 26.3 25.4 38.0

