

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF08160.D
 Acq On : 30 Aug 2017 17:16
 Operator : SJ/JU
 Sample : PB101874BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 06:39:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	95793	20.00	ng	-0.03
21) Naphthalene-d8	8.00	136	395279	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	180473	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	362021	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	273397	20.00	ng	-0.02
86) Perylene-d12	15.28	264	193099	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	770515	122.35	ng	-0.01
7) Phenol-d6	6.36	99	1030292	120.41	ng	-0.02
23) Nitrobenzene-d5	7.29	82	634005	87.13	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	206558	131.91	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	987099	80.36	ng	-0.03
78) Terphenyl-d14	12.82	244	881060	67.20	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	124062	35.323	ng	88
3) Pyridine	3.18	79	348873	35.931	ng	# 84
4) n-Nitrosodimethylamine	3.13	42	129472	34.656	ng	# 74
6) Aniline	6.39	93	158960	13.224	ng	96
8) 2-Chlorophenol	6.51	128	266634	40.146	ng	99
9) Benzaldehyde	6.27	77	128871	23.777	ng	89
10) Phenol	6.37	94	376804	37.652	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	286073	37.874	ng	96
12) 1,3-Dichlorobenzene	6.66	146	266969	37.369	ng	# 94
13) 1,4-Dichlorobenzene	6.74	146	272403	37.491	ng	# 93
14) 1,2-Dichlorobenzene	6.89	146	254812	38.034	ng	99
15) Benzyl Alcohol	6.87	79	257475	40.190	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	381246	37.514	ng	91
17) 2-Methylphenol	6.99	107	238435	40.738	ng	96
18) Hexachloroethane	7.23	117	109626	38.484	ng	# 79
19) n-Nitroso-di-n-propylamine	7.14	70	212397	36.260	ng	90
20) 3+4-Methylphenols	7.14	107	296097	41.420	ng	99
22) Acetophenone	7.13	105	389164	37.268	ng	# 89
24) Nitrobenzene	7.31	77	332779	41.076	ng	96
25) Isophorone	7.55	82	589635	38.971	ng	96
26) 2-Nitrophenol	7.62	139	135697	46.425	ng	# 80
27) 2,4-Dimethylphenol	7.67	122	242651	38.455	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	371808	37.379	ng	99
29) 2,4-Dichlorophenol	7.87	162	211070	40.297	ng	95
30) 1,2,4-Trichlorobenzene	7.95	180	212971	36.678	ng	100
31) Naphthalene	8.03	128	760618	37.066	ng	100
32) Benzoic acid	7.79	122	155192	35.656	ng	88
33) 4-Chloroaniline	8.08	127	82231	9.502	ng	98
34) Hexachlorobutadiene	8.15	225	122695	36.190	ng	99
35) Caprolactam	8.45	113	47527	26.690	ng	94
36) 4-Chloro-3-methylphenol	8.57	107	259595	38.574	ng	# 80
37) 2-Methylnaphthalene	8.72	142	502833	39.967	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	198434	35.827	ng	# 97
40) Hexachlorocyclopentadiene	8.87	237	213946	80.406	ng	100

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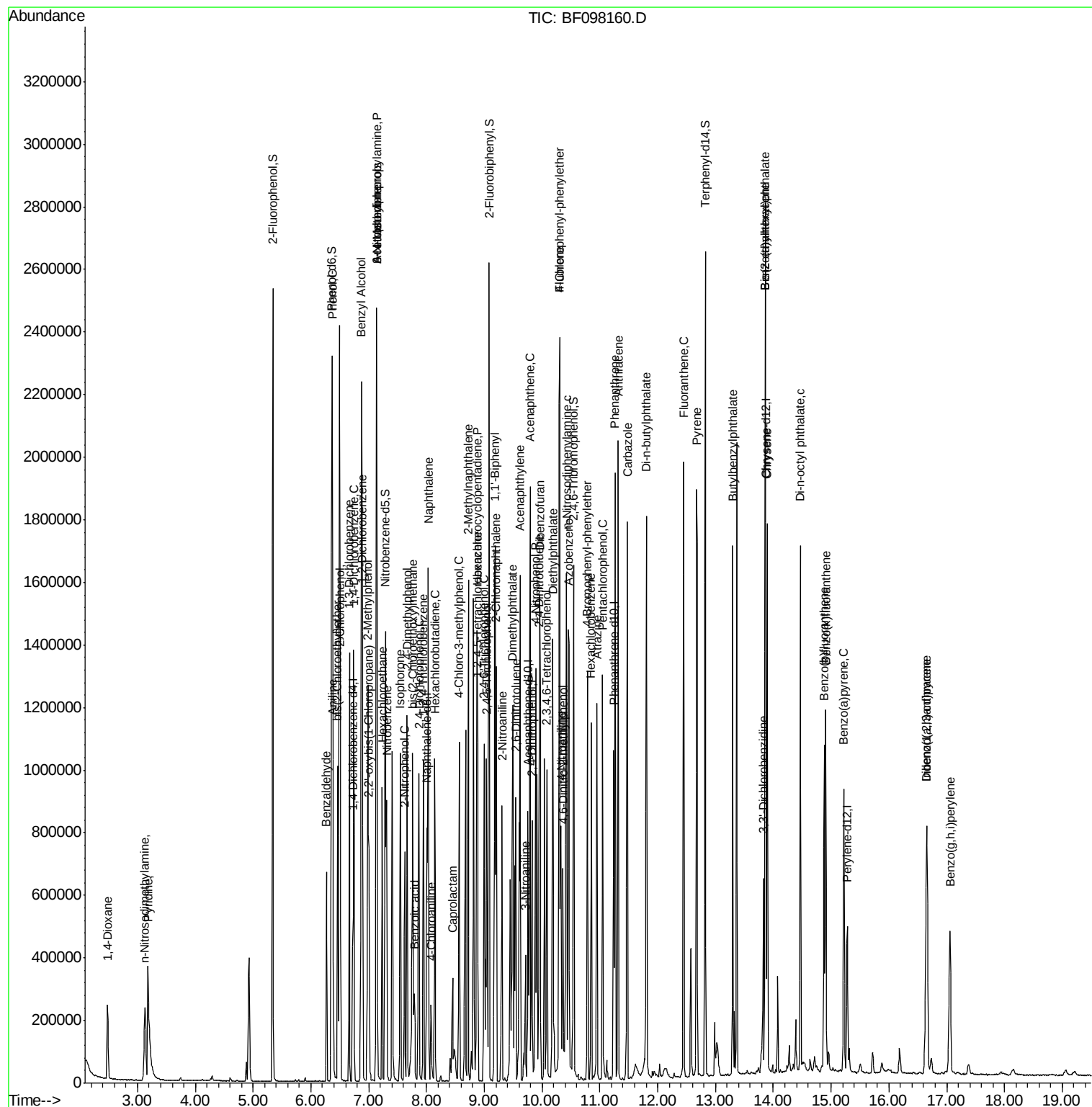
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	143342	38.548	nq	100
43) 2,4,5-Trichlorophenol	9.04	196	146142	39.615	nq	94
45) 1,1'-Biphenyl	9.19	154	586851	35.659	nq	97
46) 2-Chloronaphthalene	9.21	162	435866	35.844	nq	93
47) 2-Nitroaniline	9.30	65	168376	41.304	nq	94
48) Acenaphthylene	9.62	152	713900	37.386	nq	99
49) Dimethylphthalate	9.49	163	513161	38.899	nq	99
50) 2,6-Dinitrotoluene	9.55	165	110180	41.842	nq #	76
51) Acenaphthene	9.79	154	425393	35.322	nq	99
52) 3-Nitroaniline	9.71	138	58360	17.178	nq	86
53) 2,4-Dinitrophenol	9.83	184	103544	82.326	nq #	73
54) Dibenzofuran	9.96	168	642542	39.809	nq	100
55) 4-Nitrophenol	9.89	139	198690	73.313	nq #	43
56) 2,4-Dinitrotoluene	9.95	165	149354	45.195	nq #	50
57) Fluorene	10.30	166	487209	39.042	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.09	232	122445	42.871	nq	95
59) Diethylphthalate	10.19	149	533472	38.670	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	227663	39.270	nq	88
61) 4-Nitroaniline	10.33	138	121242	37.548	nq	75
62) Azobenzene	10.46	77	641404	39.141	nq	92
64) 4,6-Dinitro-2-methylphenol	10.36	198	69144	41.826	nq	88
65) n-Nitrosodiphenylamine	10.42	169	441838	35.841	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	138160	36.751	nq	97
67) Hexachlorobenzene	10.85	284	134168	35.015	nq #	85
68) Atrazine	10.95	200	134435	41.120	nq	98
69) Pentachlorophenol	11.05	266	148790	66.598	nq	99
70) Phenanthrene	11.26	178	712889	36.954	nq	99
71) Anthracene	11.32	178	733641	37.495	nq	100
72) Carbazole	11.47	167	692011	37.260	nq	98
73) Di-n-butylphthalate	11.80	149	856939	40.057	nq	99
74) Fluoranthene	12.45	202	761790	37.833	nq	99
77) Pyrene	12.67	202	792176	35.427	nq	99
79) Butylbenzylphthalate	13.30	149	360203	42.015	nq #	71
80) Benzo(a)anthracene	13.86	228	574300	35.049	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	114202	20.654	nq #	94
82) Chrysene	13.90	228	571126	35.038	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	437501	46.053	nq	100
84) Di-n-octyl phthalate	14.47	149	740885	44.822	nq	98
85) Indeno(1,2,3-cd)pyrene	16.65	276	438606	36.578	nq	94
87) Benzo(b)fluoranthene	14.88	252	445069	36.566	nq	99
88) Benzo(k)fluoranthene	14.91	252	451720	39.502	nq #	94
89) Benzo(a)pyrene	15.22	252	425905	39.526	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	363175	41.400	nq	96
91) Benzo(g,h,i)perylene	17.06	276	370809	40.511	nq #	91

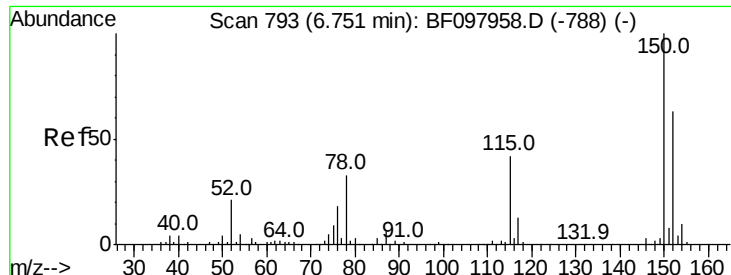
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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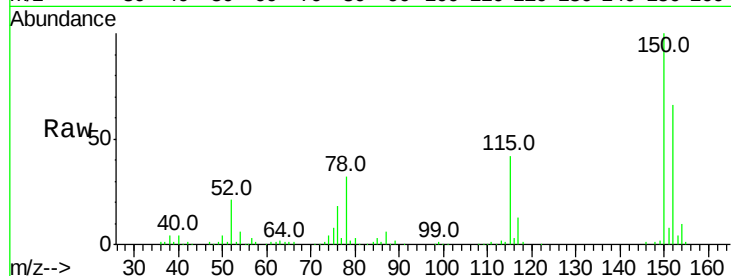


#1

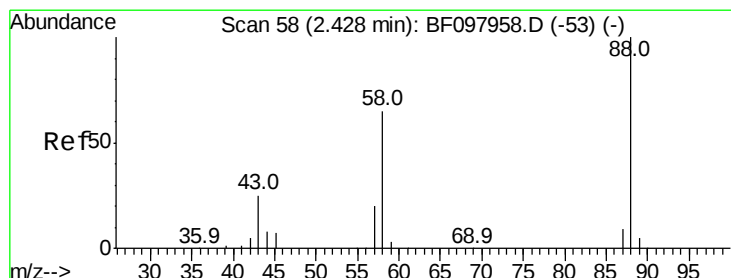
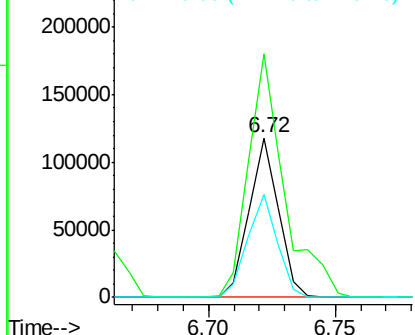
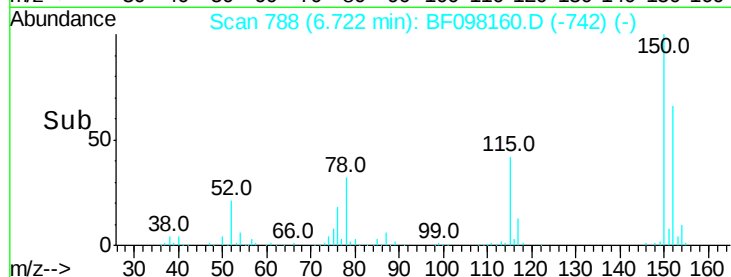
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 95793
Ion Ratio Lower Upper
152 100
150 152.6 126.2 189.2
115 64.7 52.2 78.2



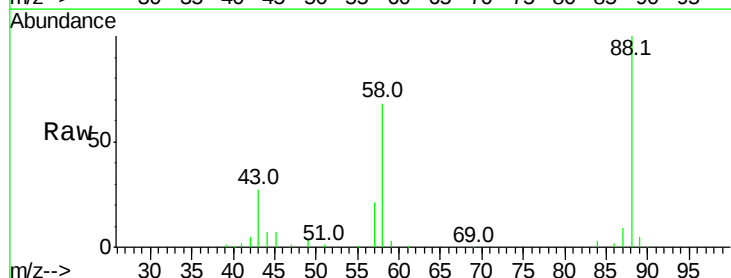
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



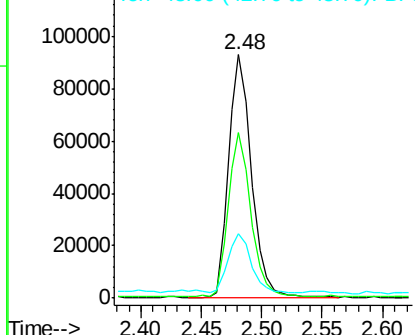
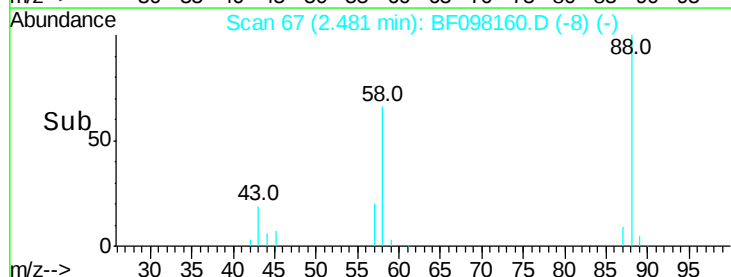
#2

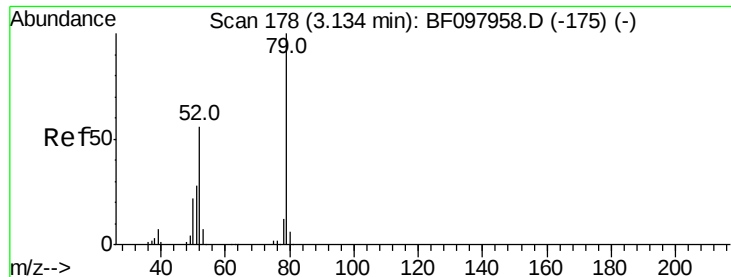
1,4-Dioxane
Concen: 35.323 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.05 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion: 88 Resp: 124062
Ion Ratio Lower Upper
88 100
58 65.6 61.4 92.0
43 24.4 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: 35.931 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.05 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleId :

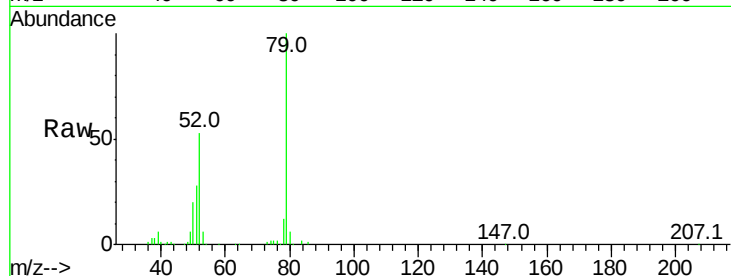
Tot Ion: 79 Resp: 348873

Ion Ratio Lower Upper

79 100

52 53.1 54.8 82.2#

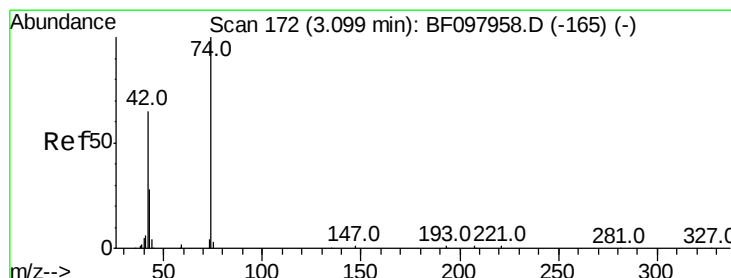
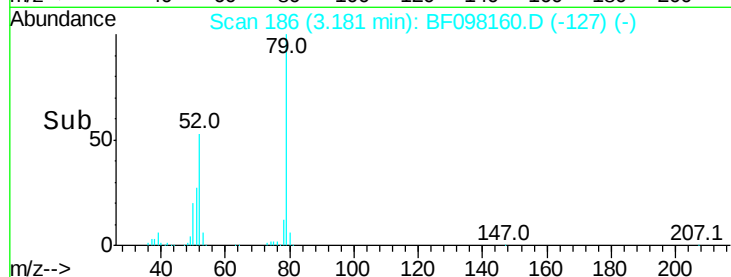
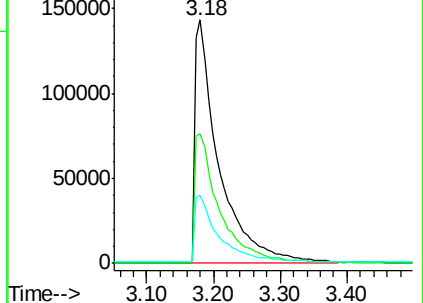
51 28.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.656 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

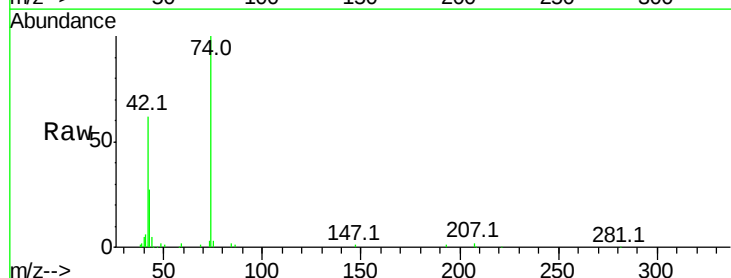
Tgt Ion: 42 Resp: 129472

Ion Ratio Lower Upper

42 100

74 162.2 103.9 155.9#

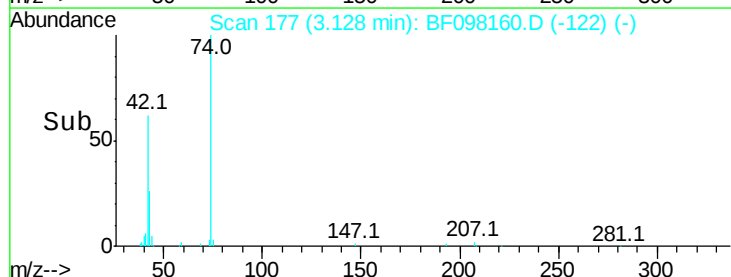
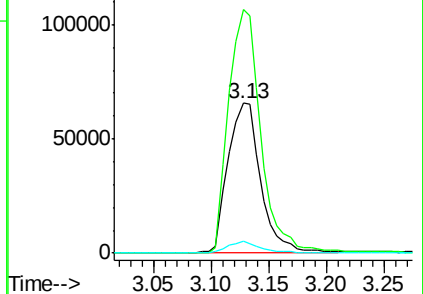
44 7.7 5.7 8.5

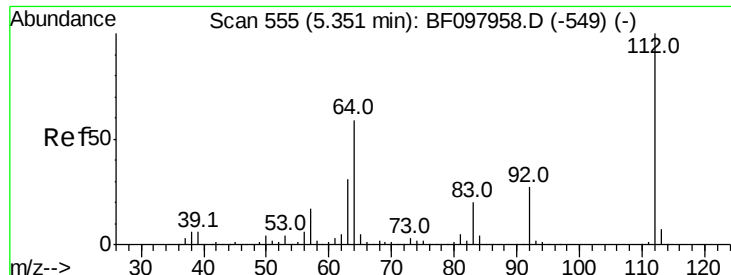


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

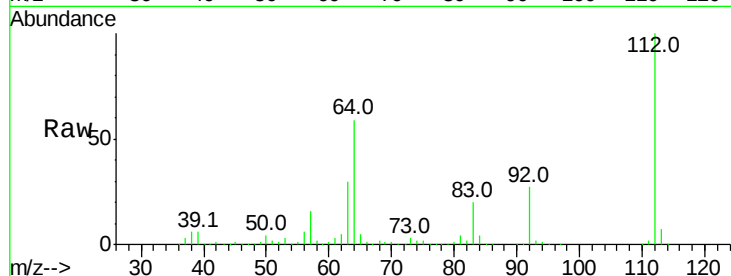




#5
 2-Fluorophenol
 Concen: 122.348 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Instrument :
 BNA_F
 ClientSampleID :

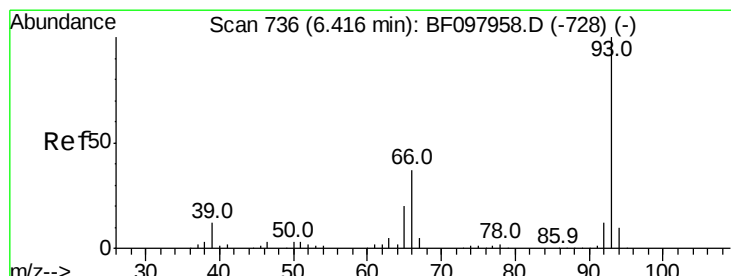
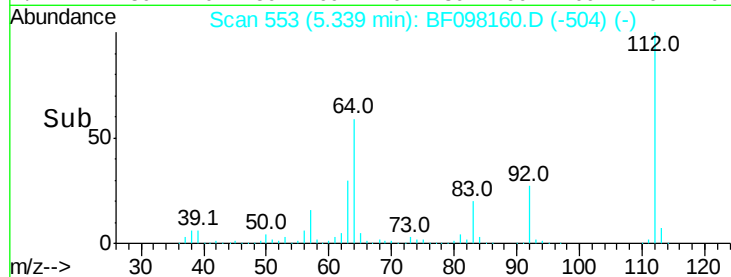
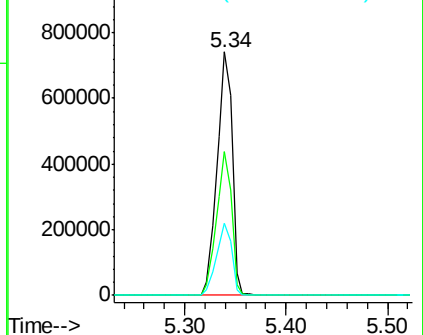
Tot Ion:	112	Resp:	770515
Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.0	69.0
63	29.8	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

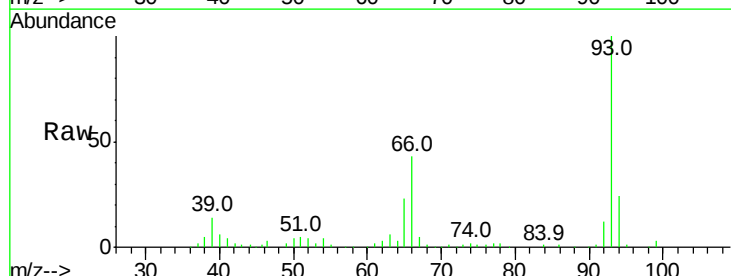
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6
 Aniline
 Concen: 13.224 ng
 RT: 6.39 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

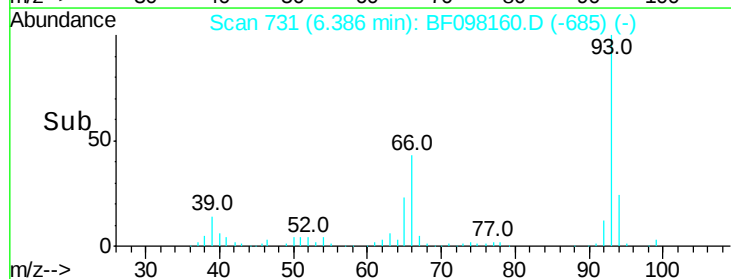
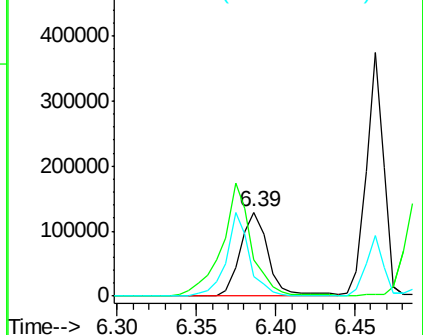
Tgt Ion:	93	Resp:	158960
Ion	Ratio	Lower	Upper
93	100		
66	42.5	32.9	49.3
65	23.1	16.0	24.0

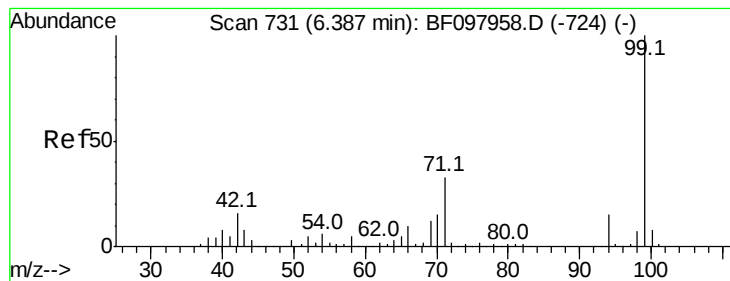


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.406 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampled :

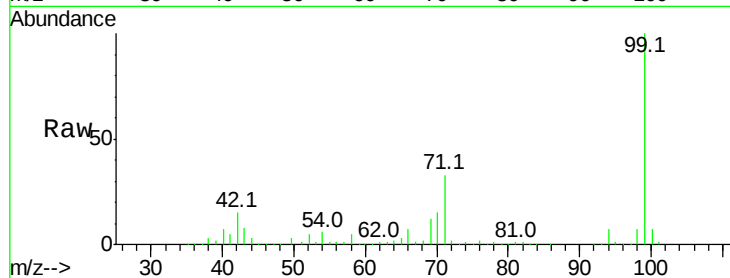
Tot Ion: 99 Resp: 1030292

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

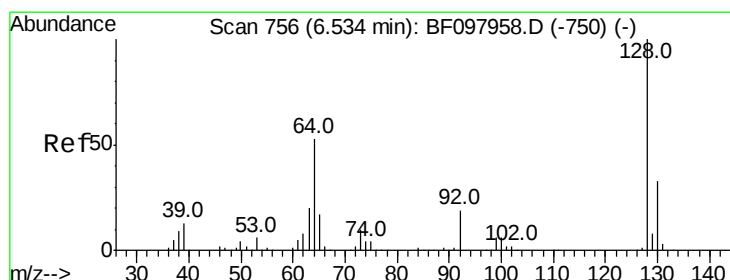
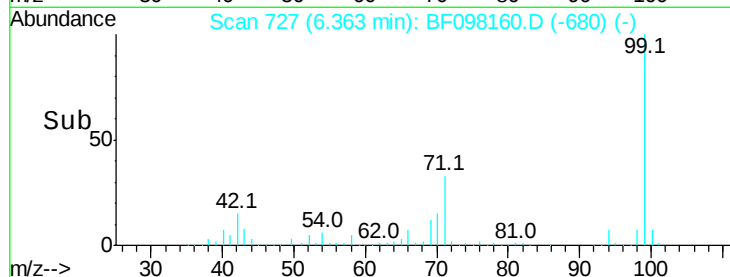
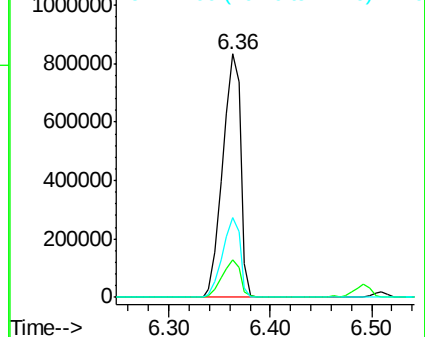
71 32.6 24.5 36.7



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: 40.146 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

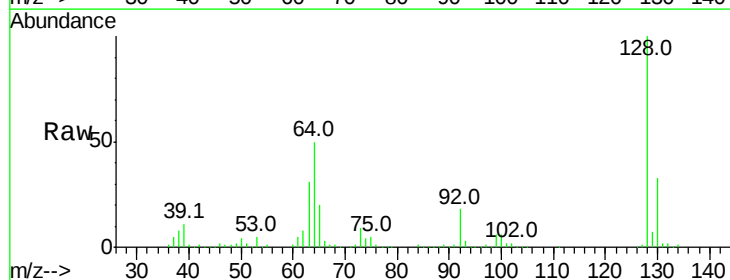
Tgt Ion:128 Resp: 266634

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

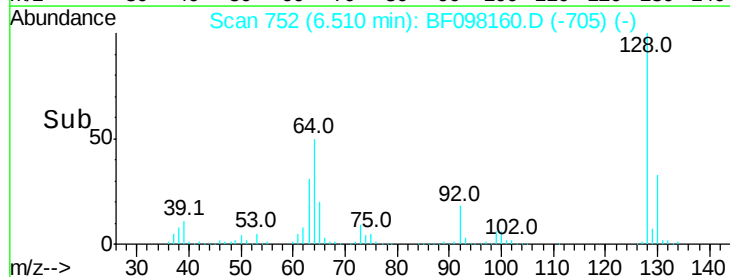
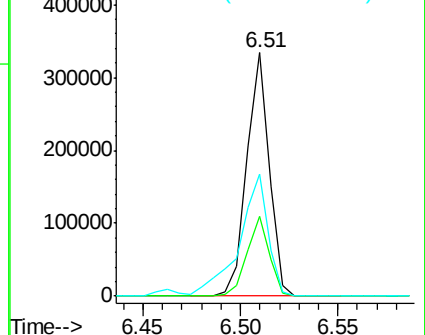
64 50.0 28.4 68.4

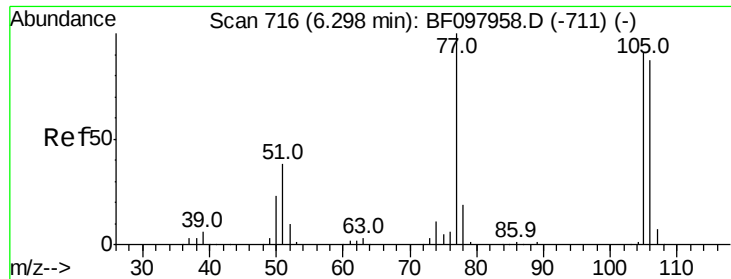


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

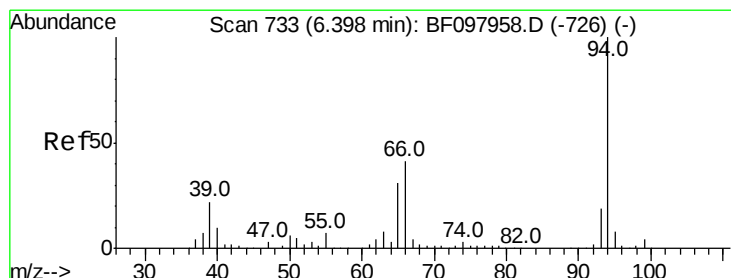
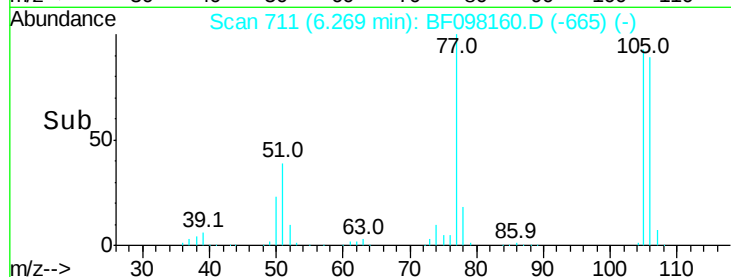
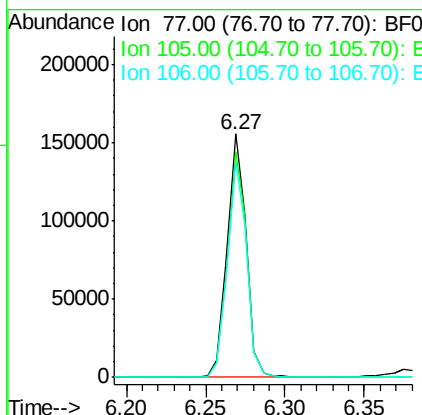
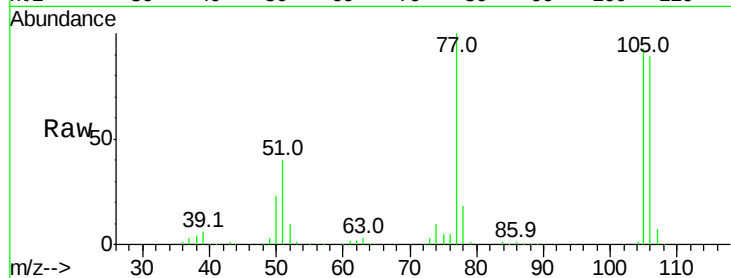




#9
Benzaldehyde
Concen: 23.777 ng
RT: 6.27 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

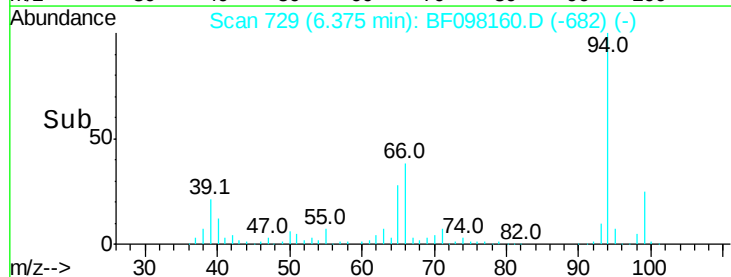
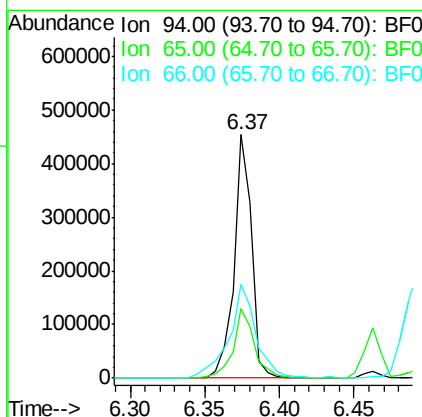
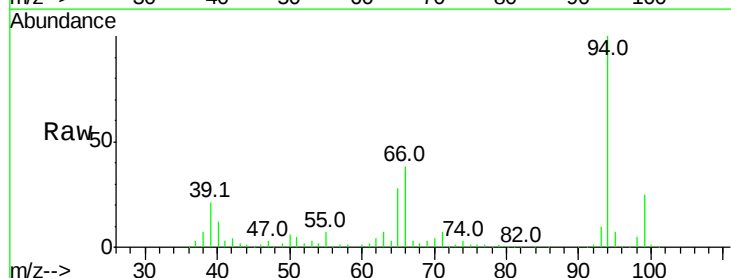
Instrument :
BNA_F
ClientSampleId :

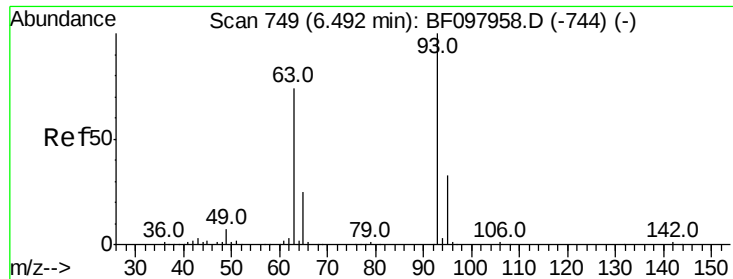
Tot Ion: 77 Resp: 128871
Ion Ratio Lower Upper
77 100
105 92.6 83.8 123.8
106 88.5 79.1 119.1



#10
Phenol
Concen: 37.652 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion: 94 Resp: 376804
Ion Ratio Lower Upper
94 100
65 28.5 9.9 49.9
66 38.4 23.1 63.1



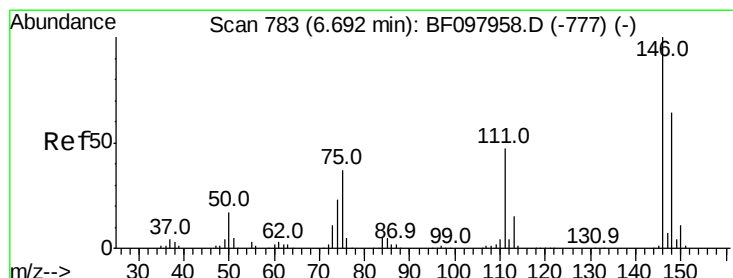
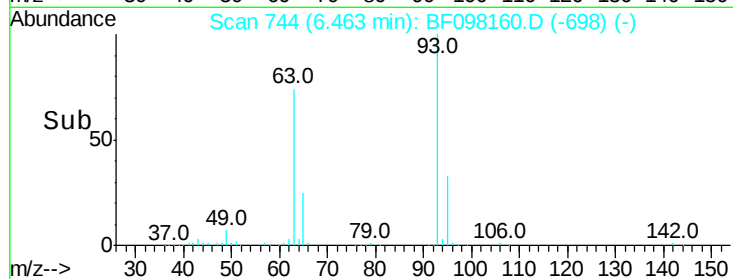
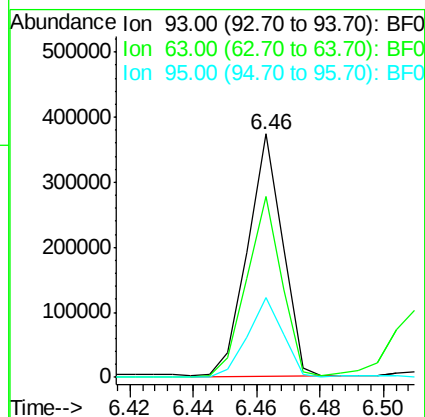
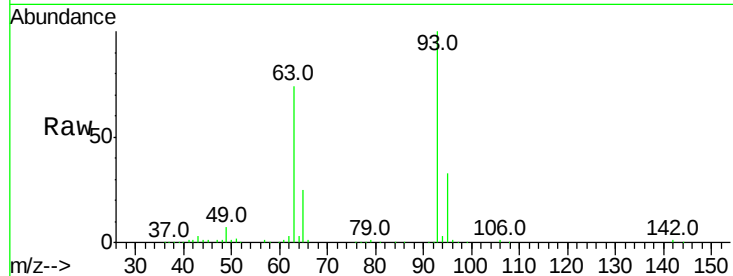


#11
 bis(2-Chloroethyl)ether
 Concen: 37.874 ng
 RT: 6.46 min Scan# 744
 Delta R.T. -0.03 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 286073

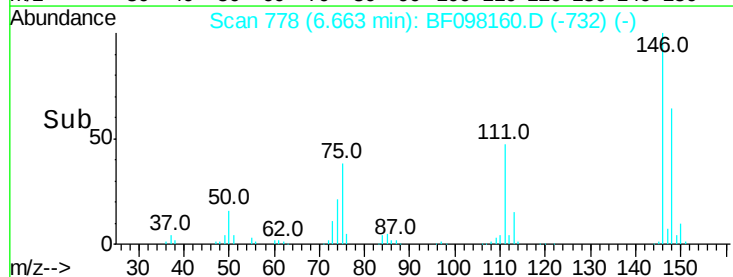
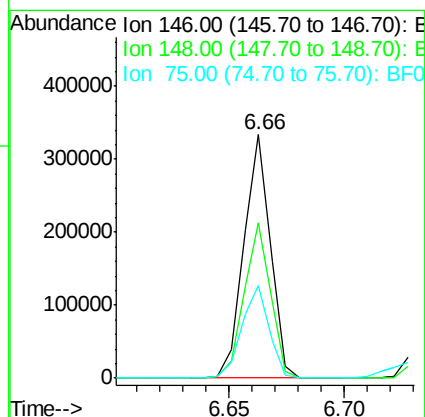
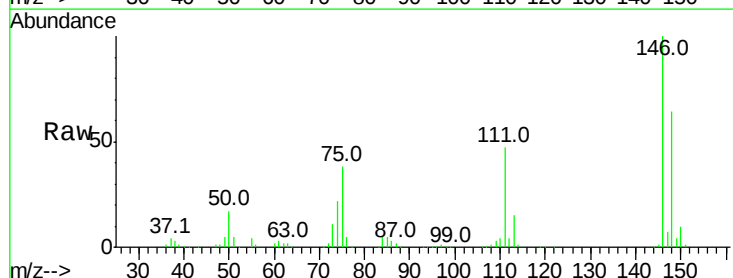
Ion	Ratio	Lower	Upper
93	100		
63	74.2	59.2	99.2
95	32.9	12.8	52.8

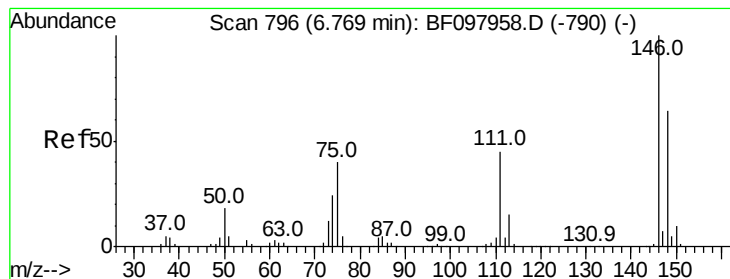


#12
 1,3-Dichlorobenzene
 Concen: 37.369 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion: 146 Resp: 266969

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
75	38.3	23.1	34.7#





#13

1,4-Dichlorobenzene

Concen: 37.491 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleId :

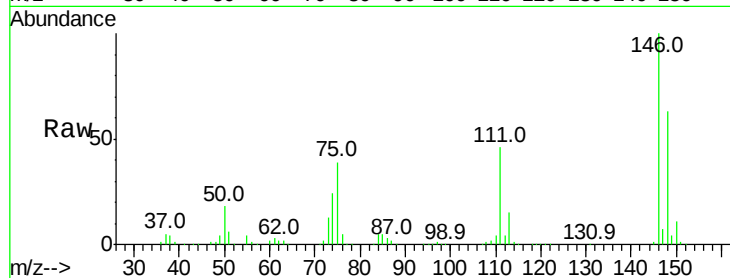
Tot Ion:146 Resp: 272403

Ion Ratio Lower Upper

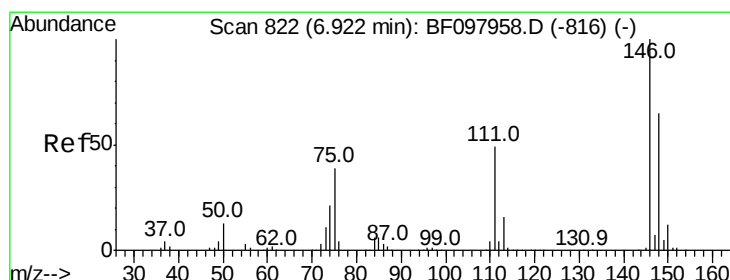
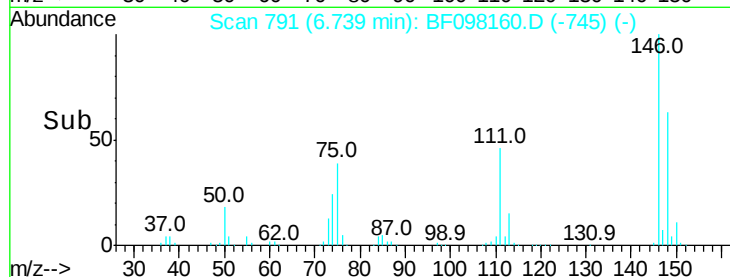
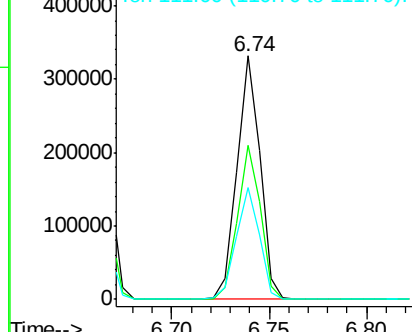
146 100

148 63.0 52.2 78.2

111 46.0 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: 38.034 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

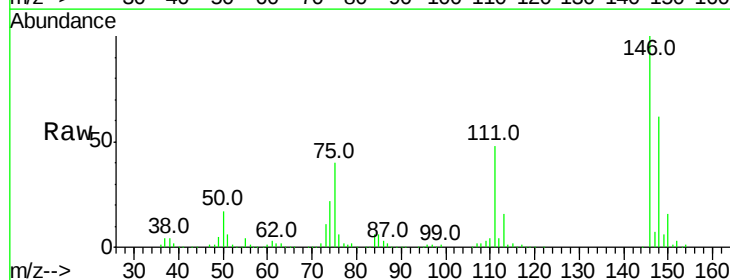
Tgt Ion:146 Resp: 254812

Ion Ratio Lower Upper

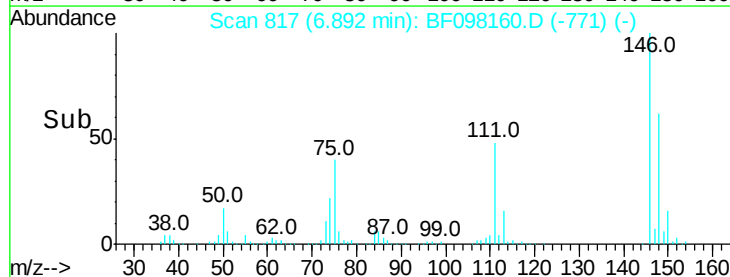
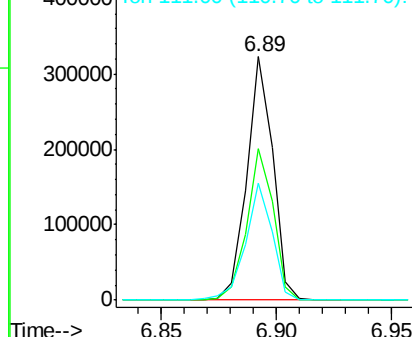
146 100

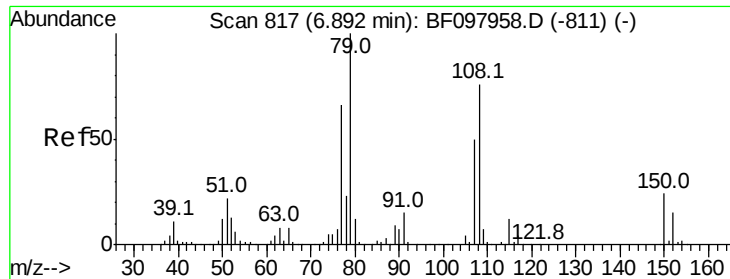
148 62.0 50.4 75.6

111 47.8 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: 40.190 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :
BNA_F
ClientSampleId :

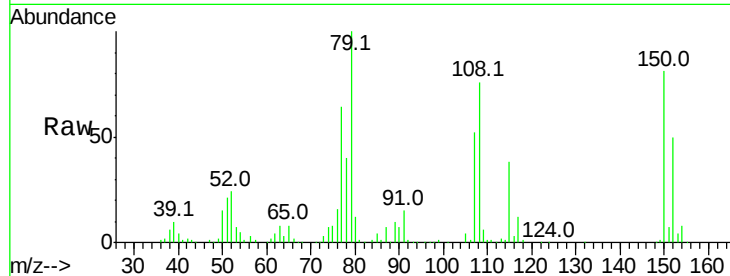
Tot Ion: 79 Resp: 257475

Ion Ratio Lower Upper

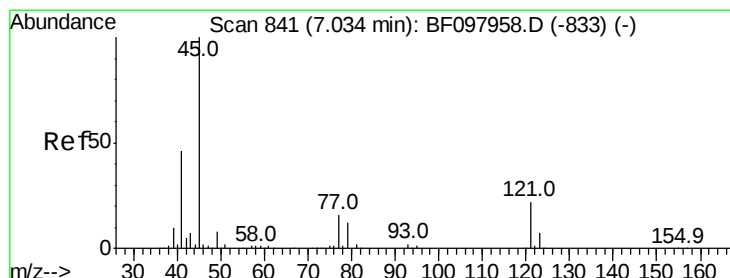
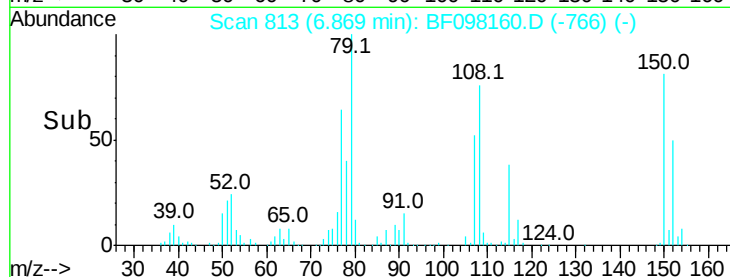
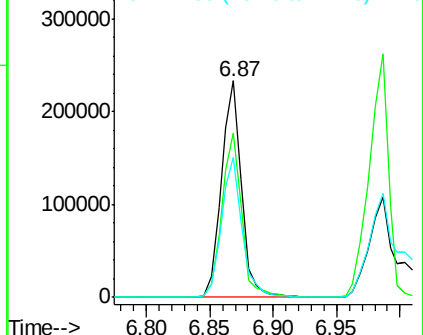
79 100

108 75.8 63.4 95.0

77 64.5 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.514 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

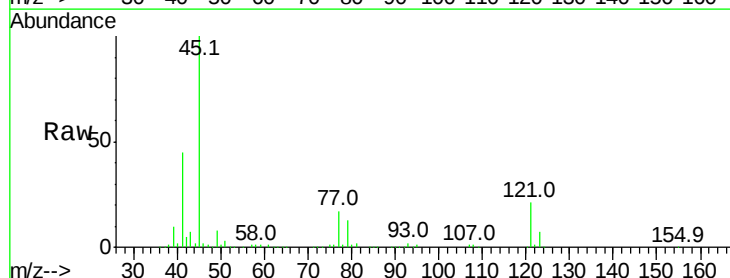
Tgt Ion: 45 Resp: 381246

Ion Ratio Lower Upper

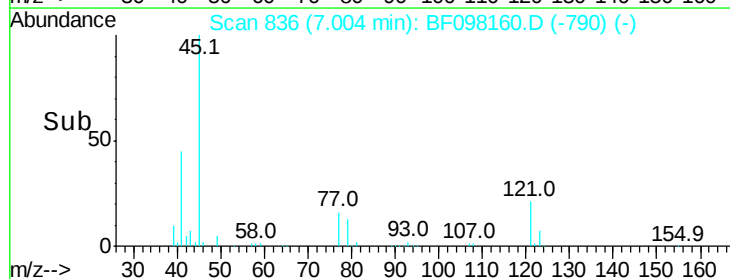
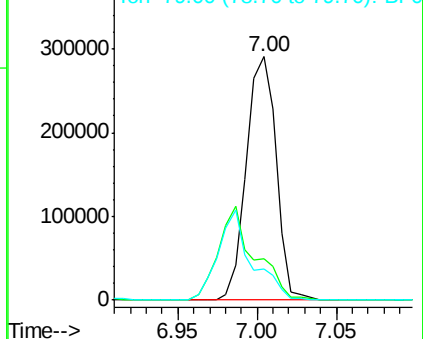
45 100

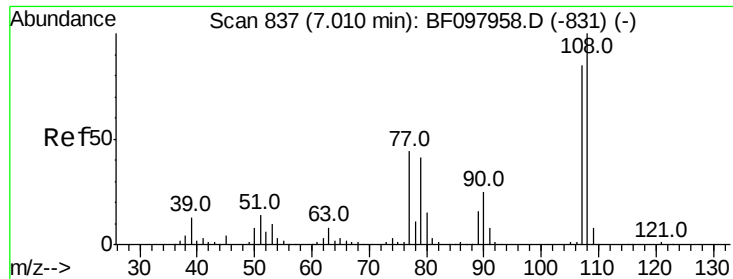
77 16.9 0.0 33.2

79 13.0 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

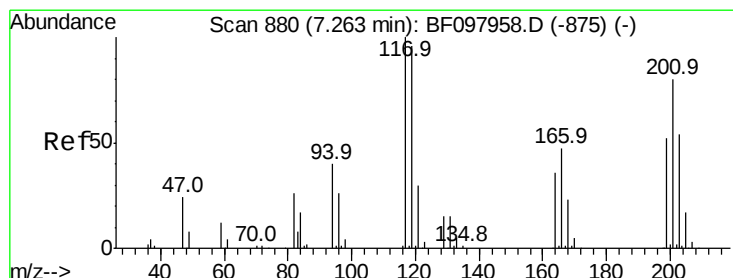
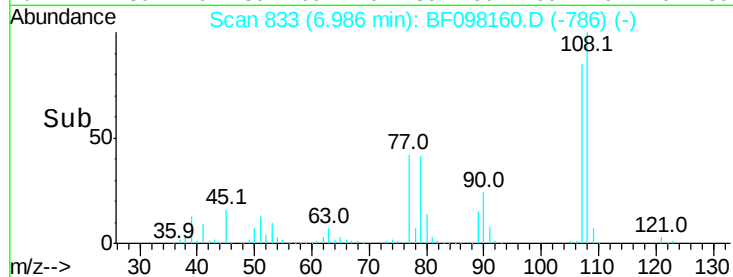
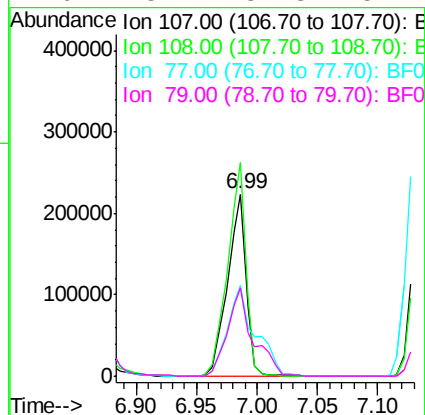
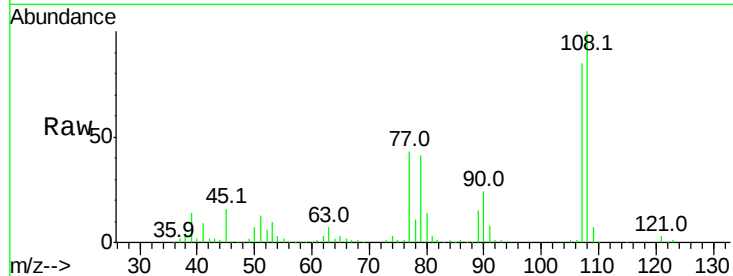




#17
2-Methylphenol
Concen: 40.738 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

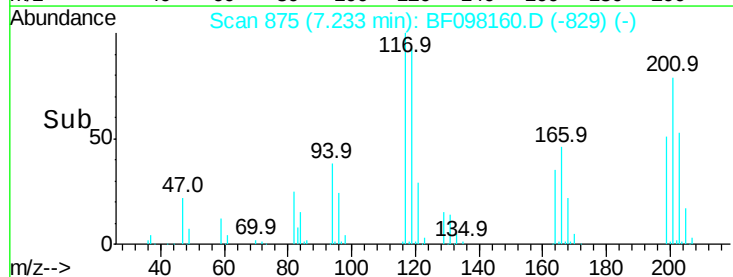
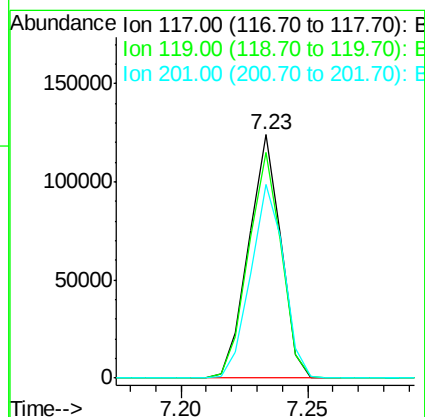
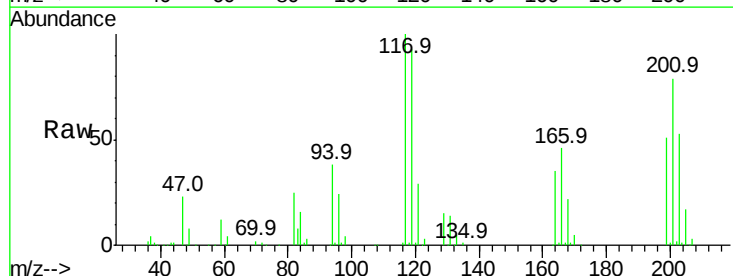
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	238435
Ion	Ratio	Lower	Upper
107	100		
108	117.4	93.4	140.0
77	50.1	35.8	53.6
79	48.4	34.8	52.2



#18
Hexachloroethane
Concen: 38.484 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion:	117	Resp:	109626
Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.4	116.0
201	79.4	94.6	141.8#

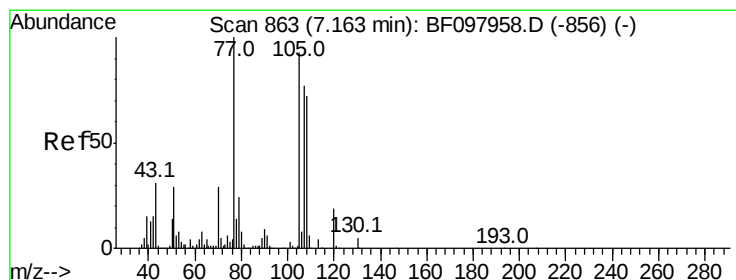
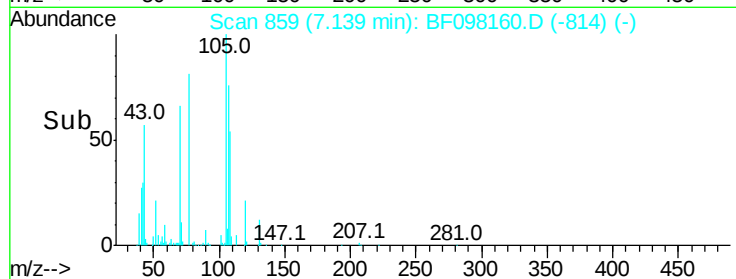
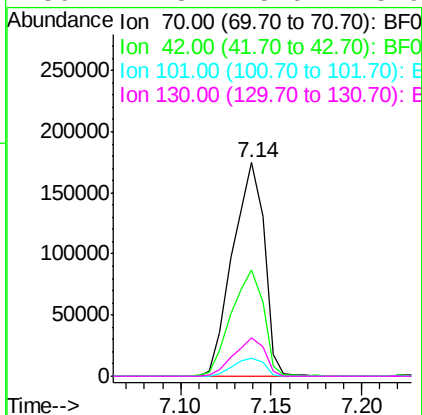
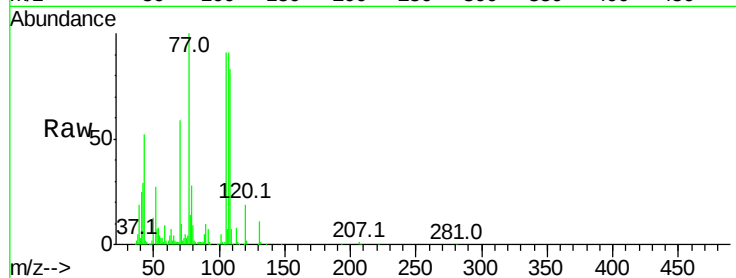




#19
n-Nitroso-di-n-propylamine
Concen: 36.260 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

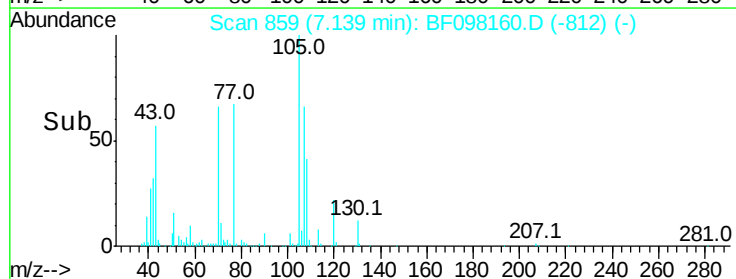
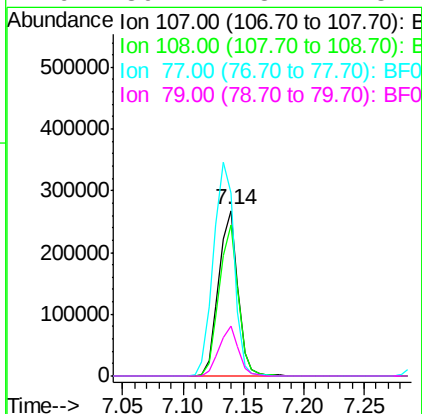
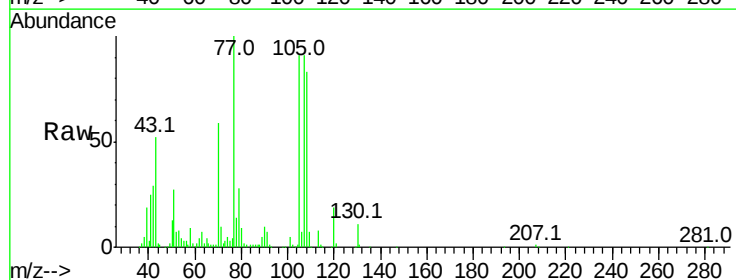
Instrument :
BNA_F
ClientSampled :

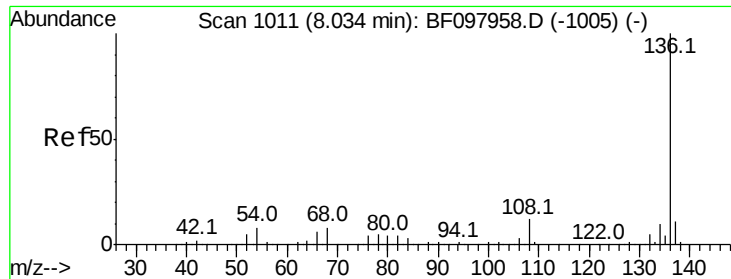
Tot Ion:	70	Resp:	212397
Ion	Ratio	Lower	Upper
70	100		
42	49.5	47.2	70.8
101	8.6	7.2	10.8
130	17.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 41.420 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion:	107	Resp:	296097
Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.0	111.0
77	110.4	90.5	130.5
79	30.4	8.4	48.4

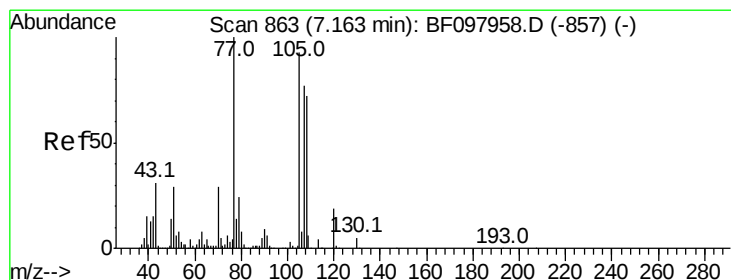
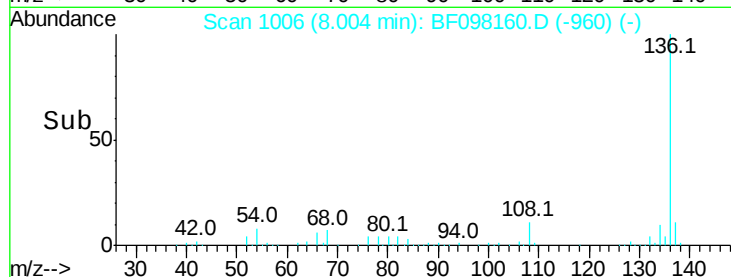
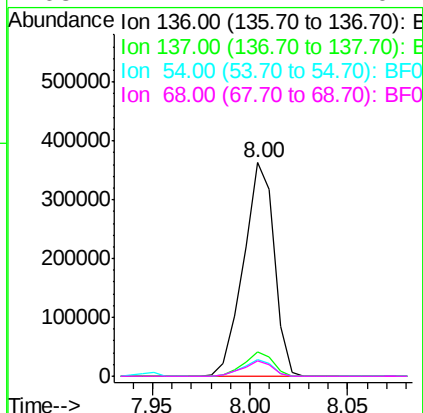
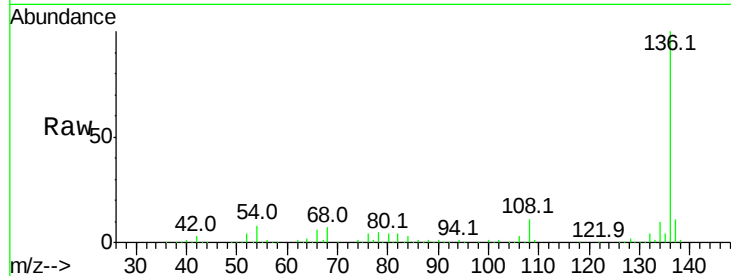




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

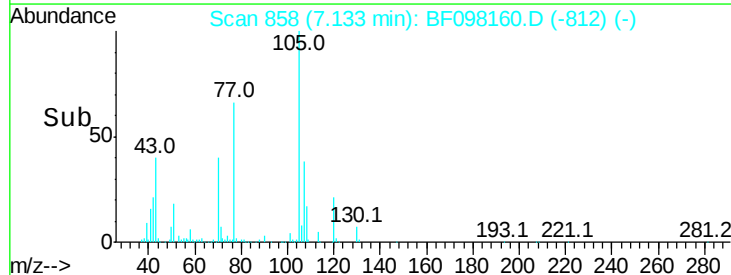
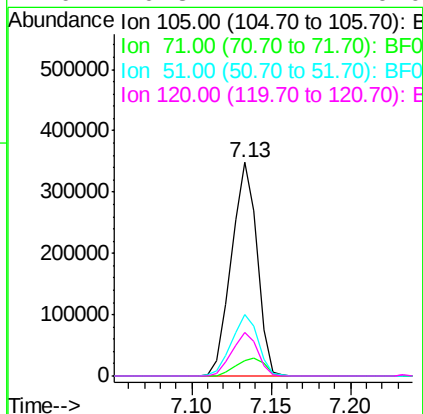
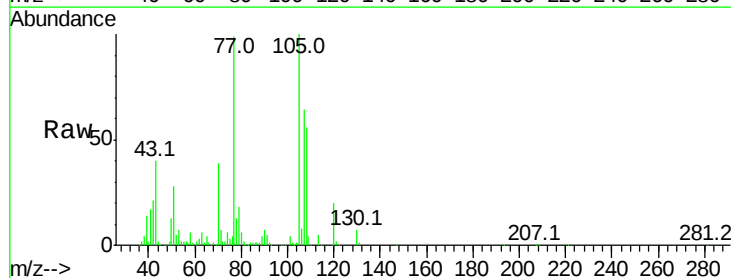
Instrument :
BNA_F
ClientSampled :

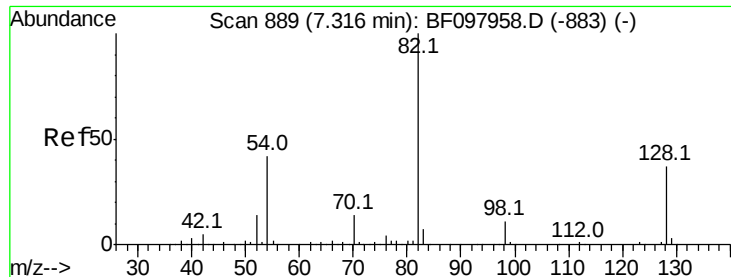
Tot Ion:136	Resp:	395279
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.5 12.7
54	8.1	4.9 7.3#
68	7.2	4.1 6.1#



#22
Acetophenone
Concen: 37.268 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion:105	Resp:	389164
Ion Ratio	Lower	Upper
105	100	
71	7.0	2.8 4.2#
51	28.5	30.7 46.1#
120	20.3	17.4 26.0

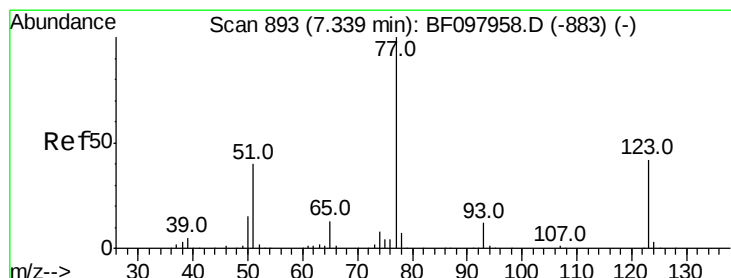
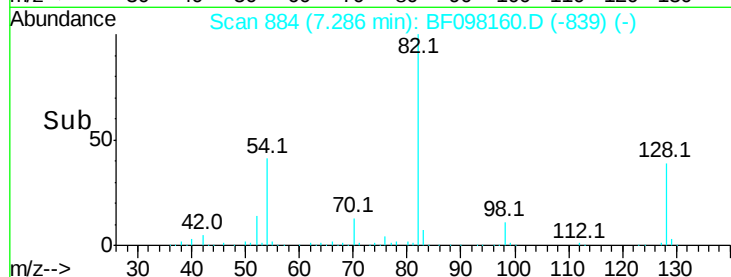
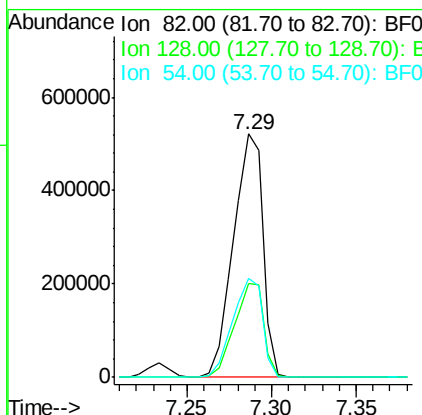
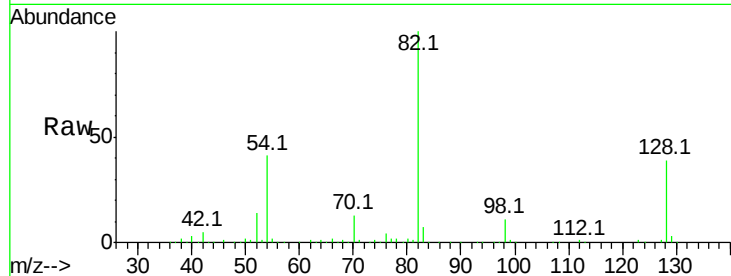




#23
 Nitrobenzene-d5
 Concen: 87.134 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

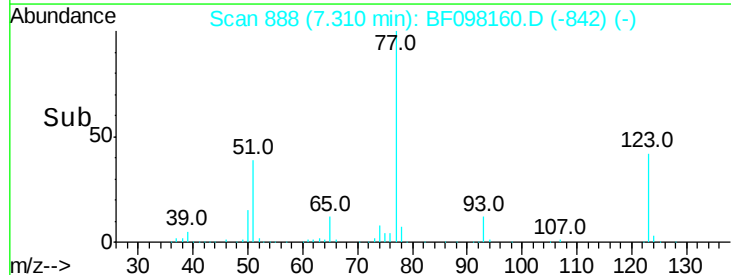
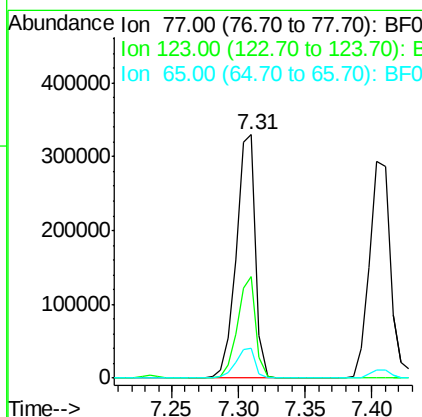
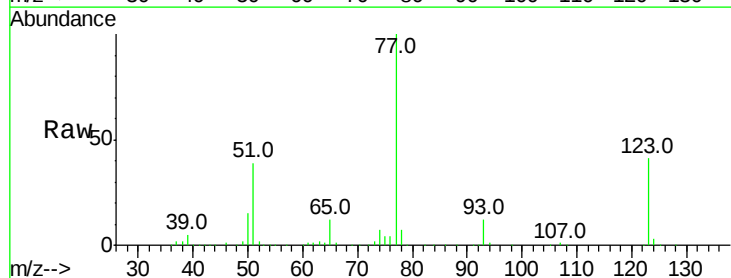
Instrument :
 BNA_F
 ClientSampleId :

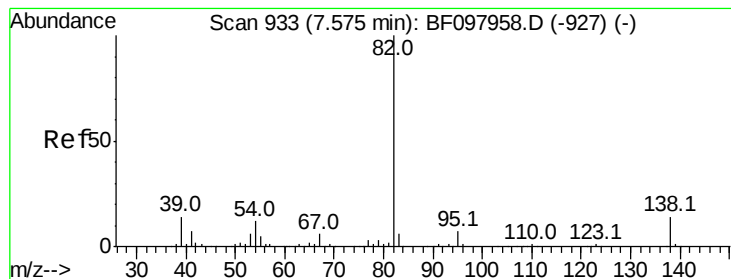
Tot Ion	82	Resp	634005
Ion Ratio	100	Lower	Upper
128	38.7	34.0	51.0
54	40.8	42.2	63.2#



#24
 Nitrobenzene
 Concen: 41.076 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.03 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion	77	Resp	332779
Ion Ratio	100	Lower	Upper
123	41.4	35.8	53.8
65	12.4	10.6	15.8





#25

Isophorone

Concen: 38.971 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.04 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleId :

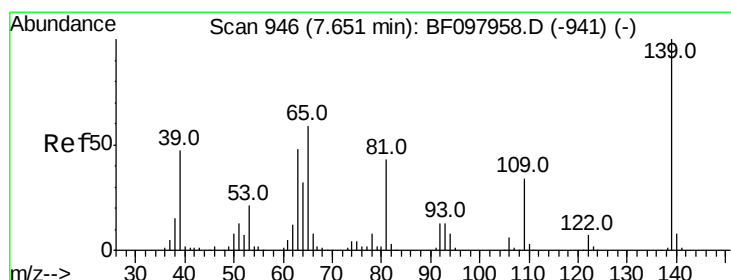
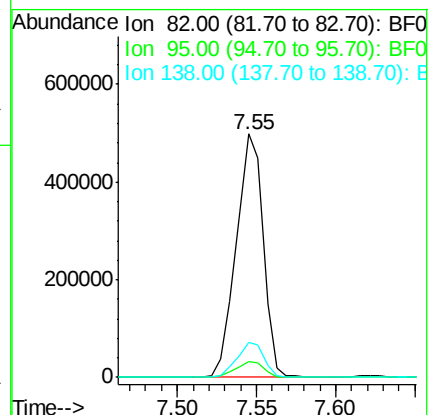
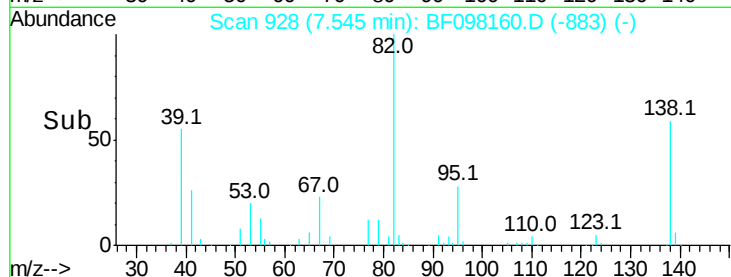
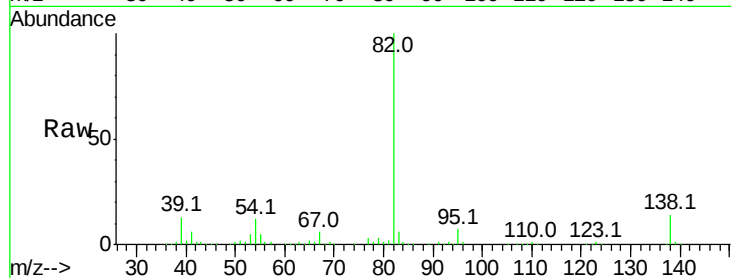
Tot Ion: 82 Resp: 589635

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 14.2 13.1 19.7



#26

2-Nitrophenol

Concen: 46.425 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

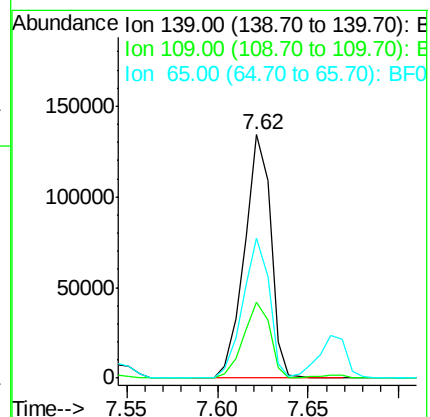
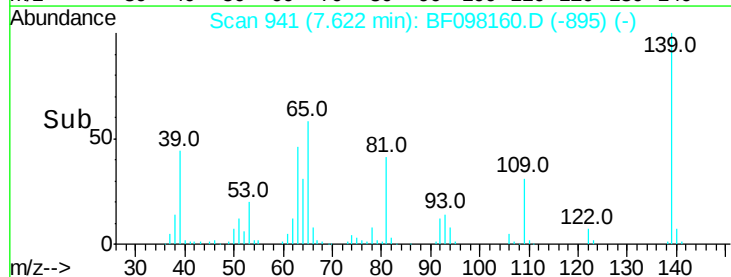
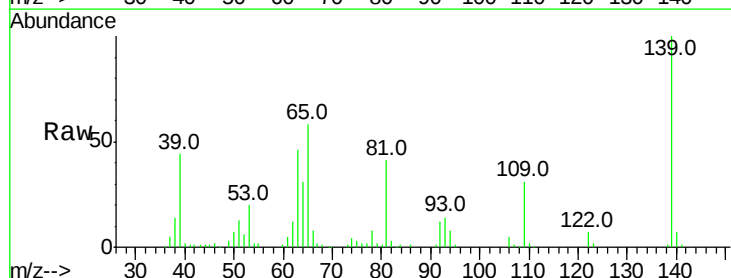
Tgt Ion:139 Resp: 135697

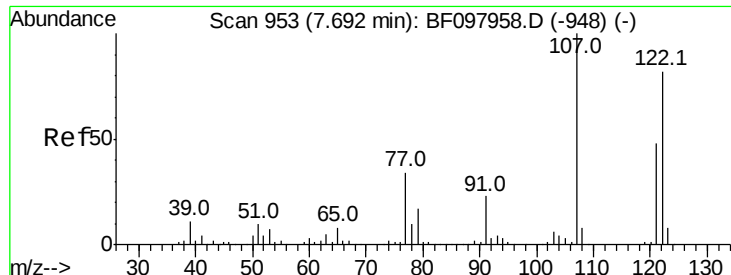
Ion Ratio Lower Upper

139 100

109 31.1 21.0 31.6

65 57.7 33.0 49.6#

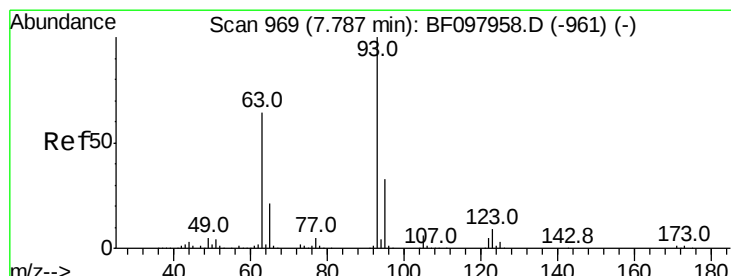
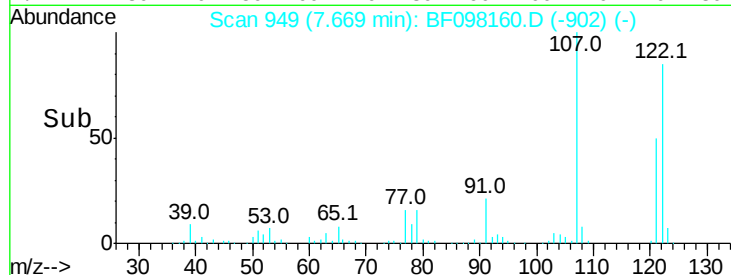
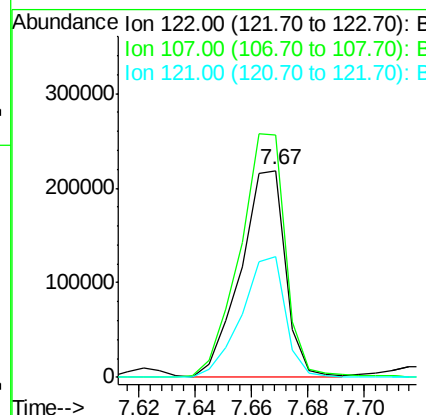
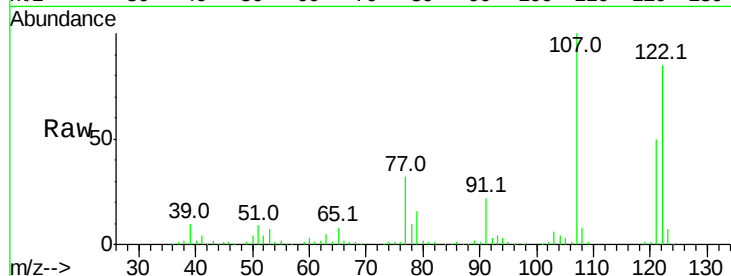




#27
 2,4-Dimethylphenol
 Concen: 38.455 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

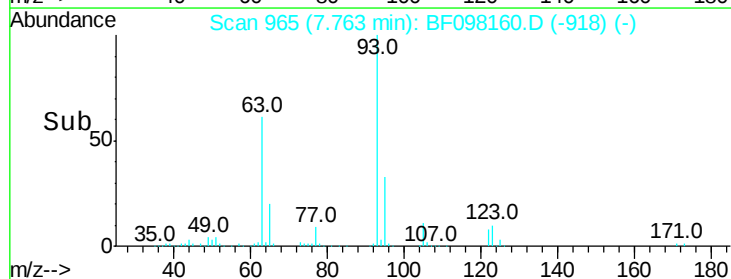
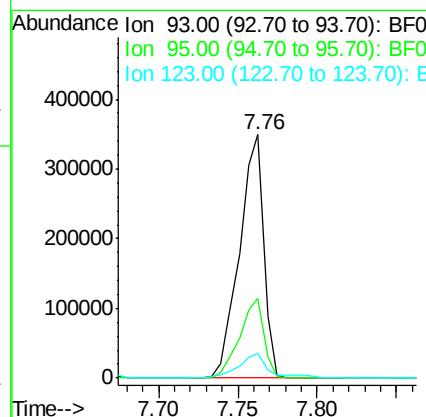
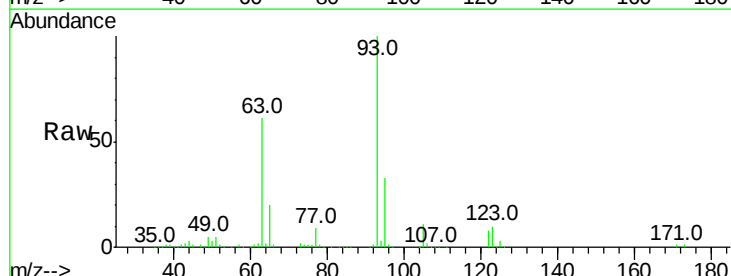
Instrument :
 BNA_F
 ClientSampleId :

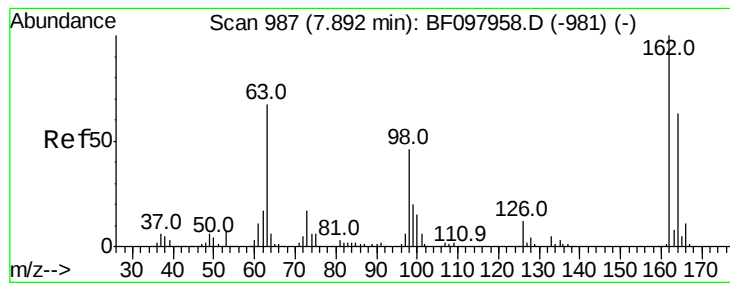
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.1	89.2	133.8
121	58.5	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.379 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	9.9	9.0	13.4

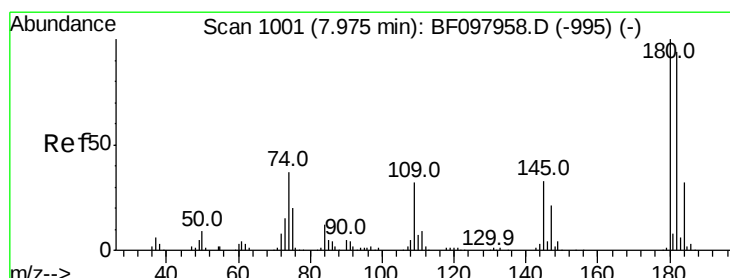
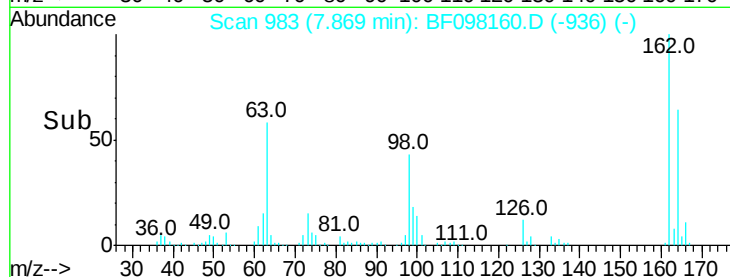
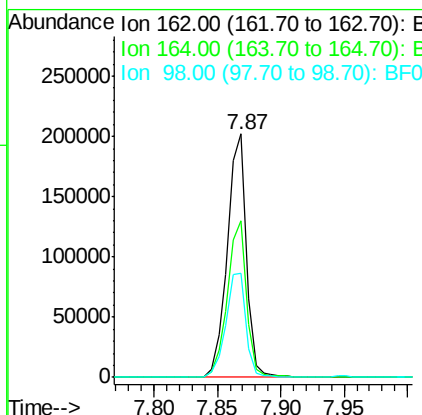
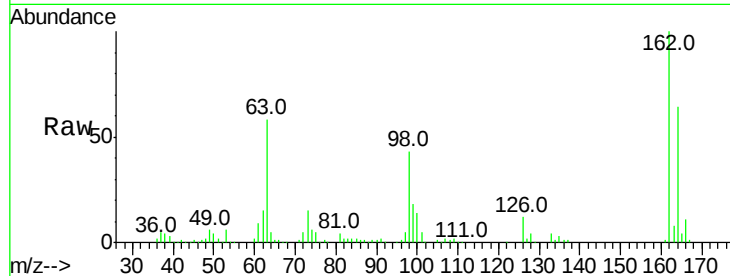




#29
 2,4-Dichlorophenol
 Concen: 40.297 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

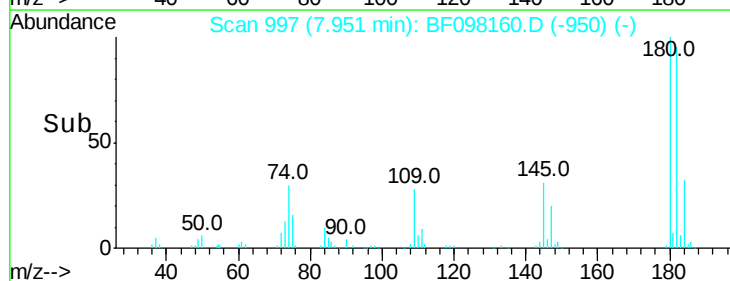
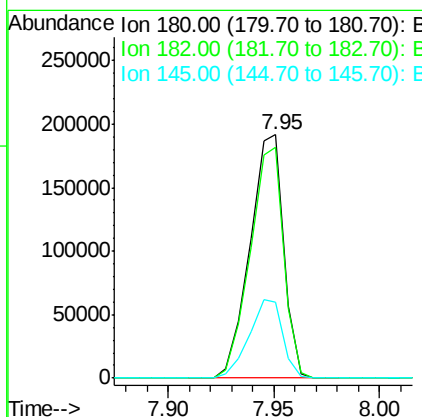
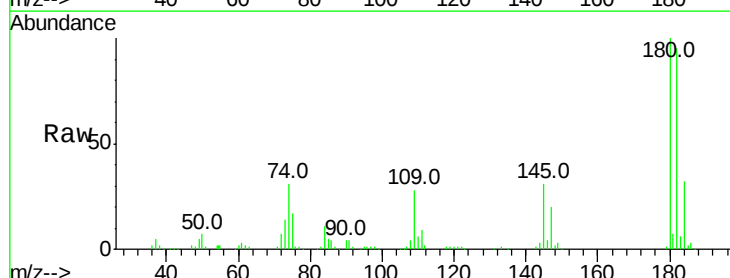
Instrument :
 BNA_F
 ClientSampleId :

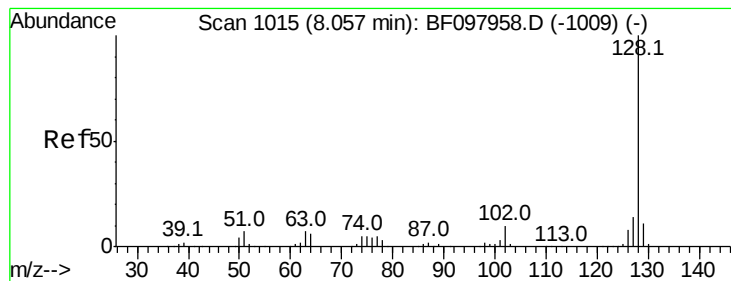
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	42.8	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 36.678 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	31.2	25.3	37.9





#31

Naphthalene

Concen: 37.066 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampled :

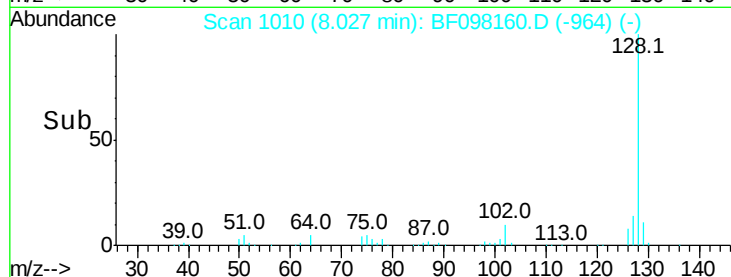
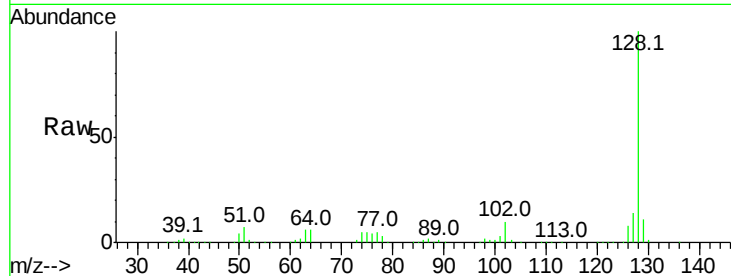
Tot Ion:128 Resp: 760618

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

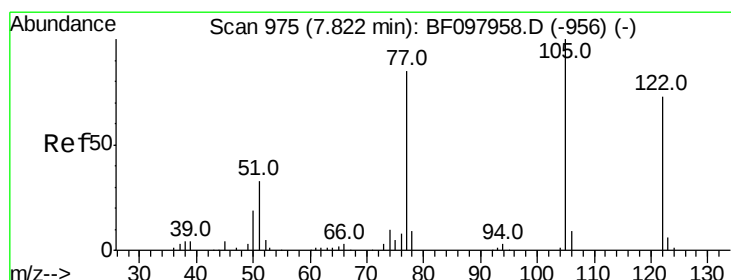
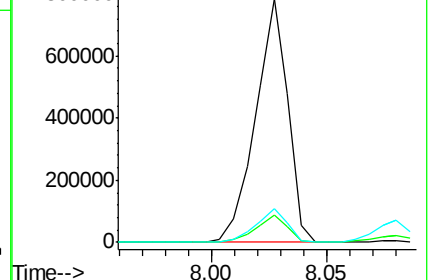
127 13.7 10.8 16.2



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: 35.656 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.04 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

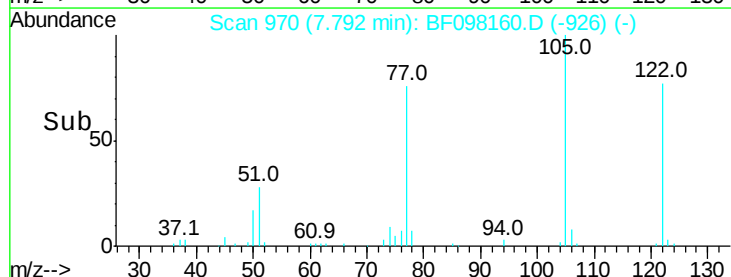
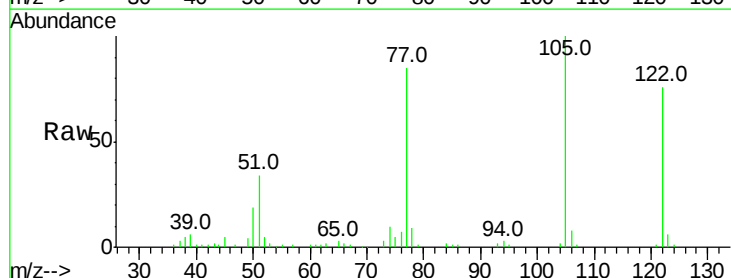
Tgt Ion:122 Resp: 155192

Ion Ratio Lower Upper

122 100

105 131.0 103.3 143.3

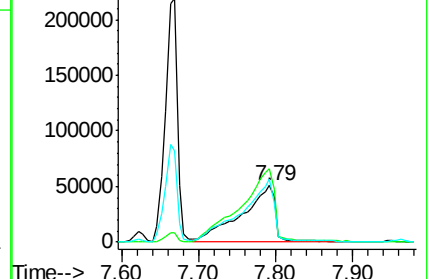
77 110.8 73.7 113.7

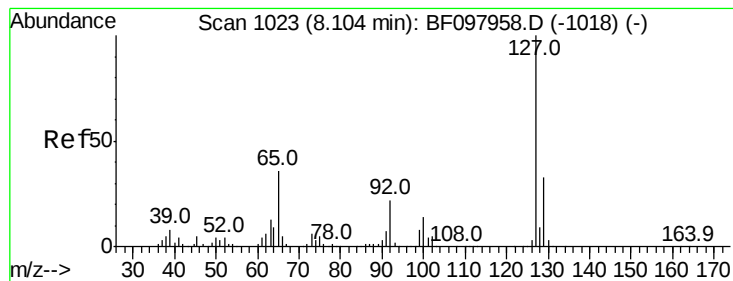


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.502 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 82231

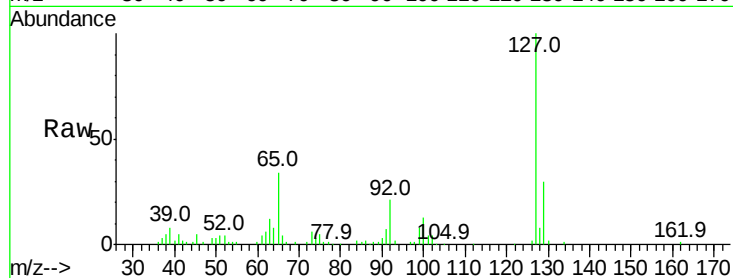
Ion Ratio Lower Upper

127 100

129 30.2 26.2 39.2

65 34.0 27.8 41.8

92 20.5 16.8 25.2

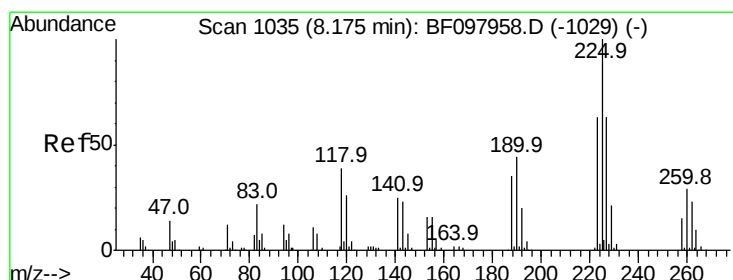
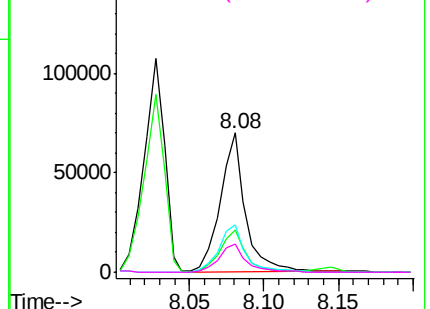
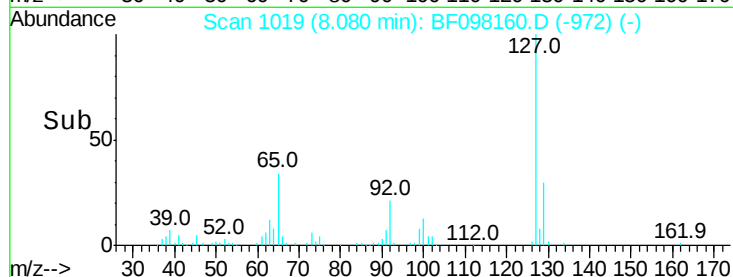


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 36.190 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

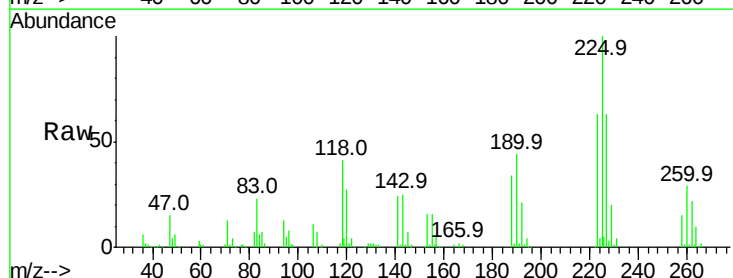
Tgt Ion:225 Resp: 122695

Ion Ratio Lower Upper

225 100

223 62.6 48.8 73.2

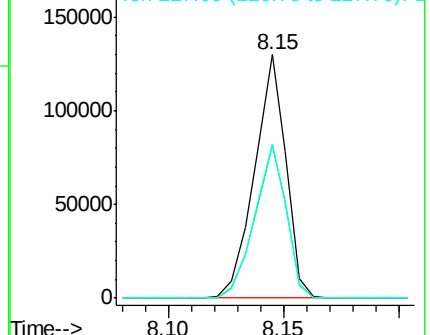
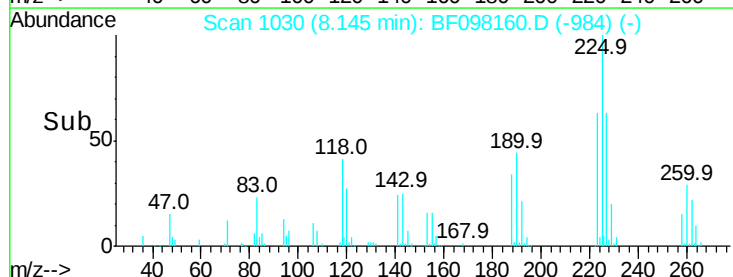
227 63.3 51.1 76.7

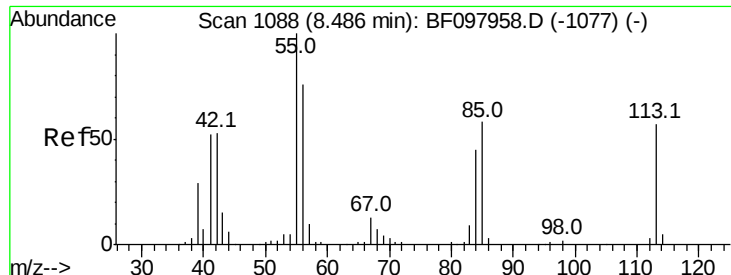


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

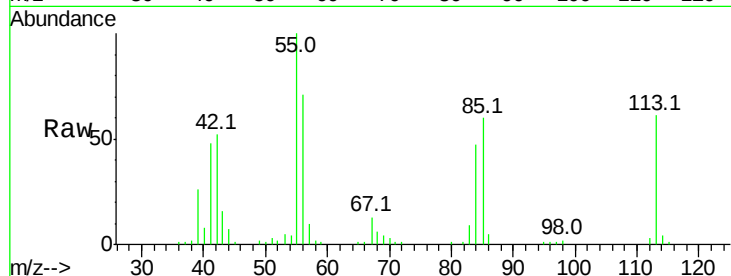




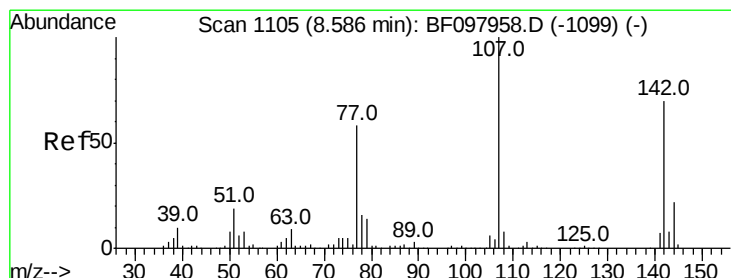
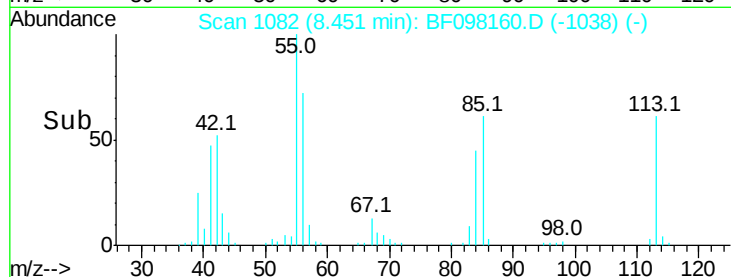
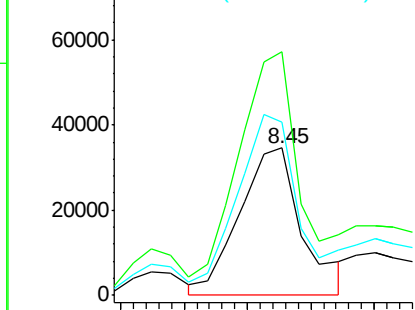
#35
 Caprolactam
 Concen: 26.690 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.04 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 47527
 Ion Ratio Lower Upper
 113 100
 55 165.1 150.2 190.2
 56 117.8 107.8 147.8

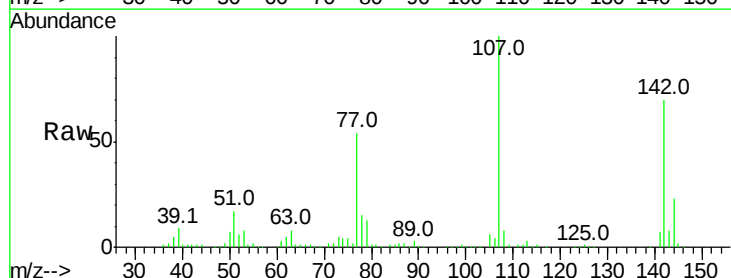


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

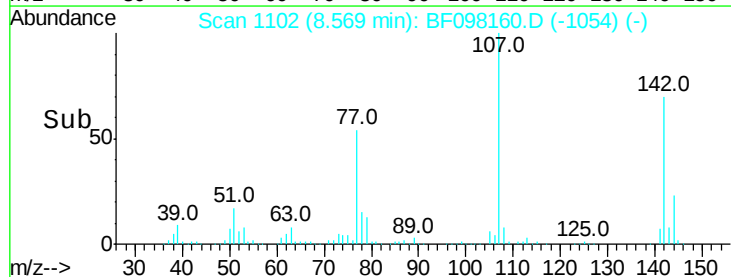
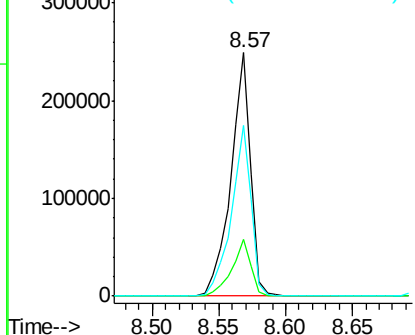


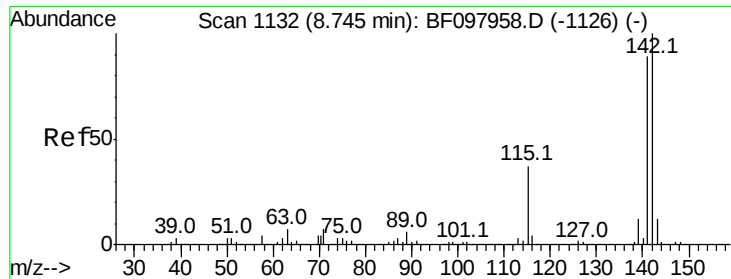
#36
 4-Chloro-3-methylphenol
 Concen: 38.574 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion:107 Resp: 259595
 Ion Ratio Lower Upper
 107 100
 144 23.3 24.2 36.4#
 142 70.2 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

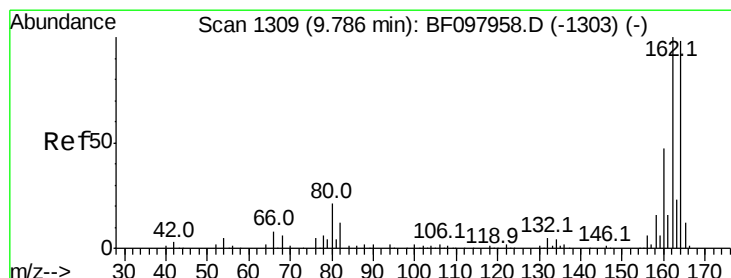
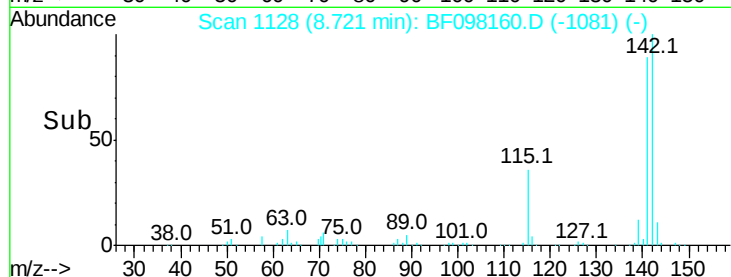
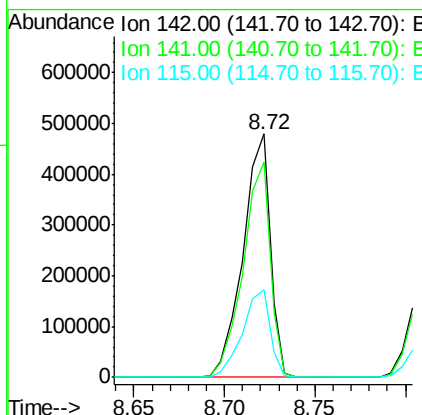
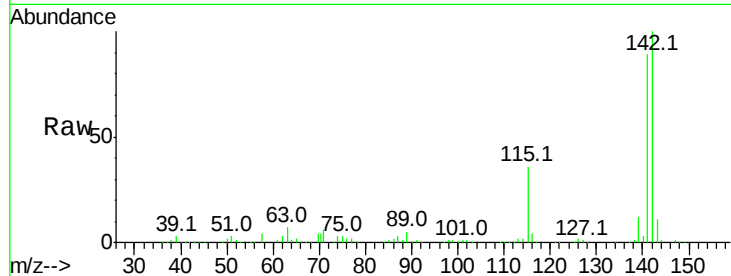




#37
 2-Methylnaphthalene
 Concen: 39.967 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

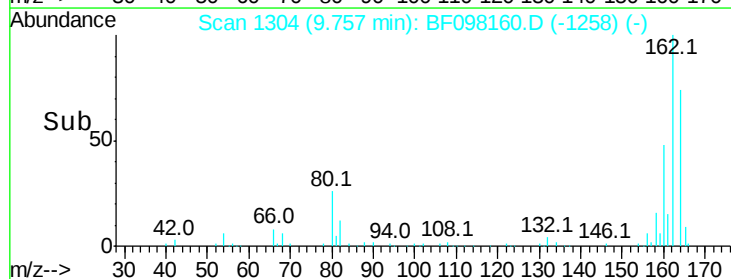
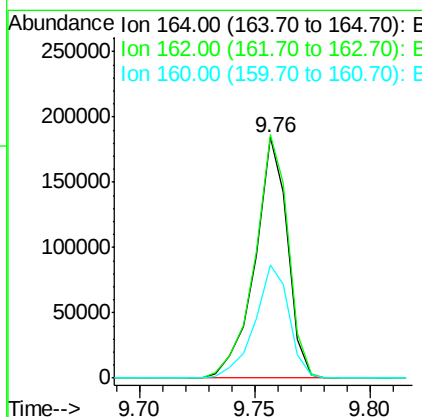
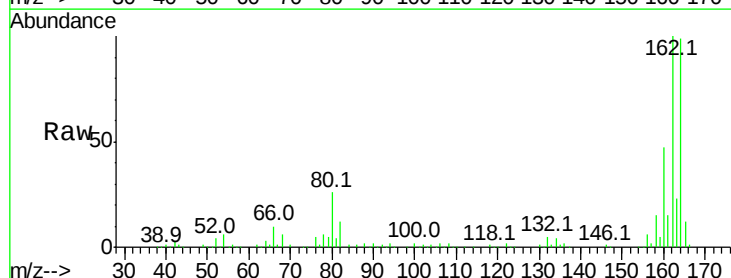
Instrument :
 BNA_F
 ClientSampleId :

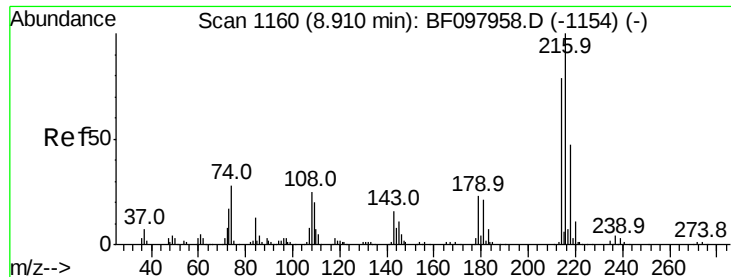
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	36.1	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	47.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.827 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BF098160.D

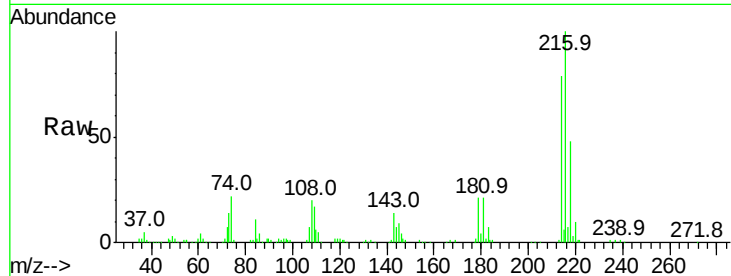
Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	198434
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.2
179	21.3	17.9	26.9
108	25.8	16.5	24.7#

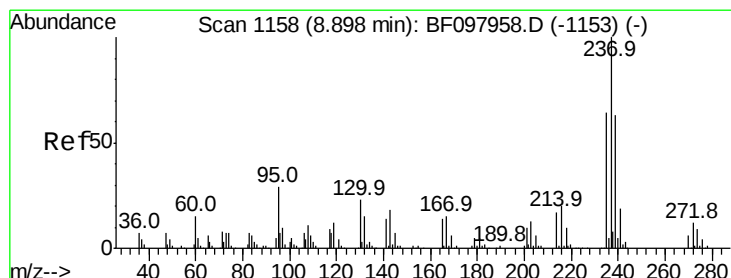
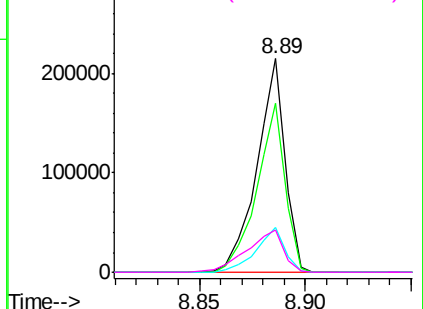
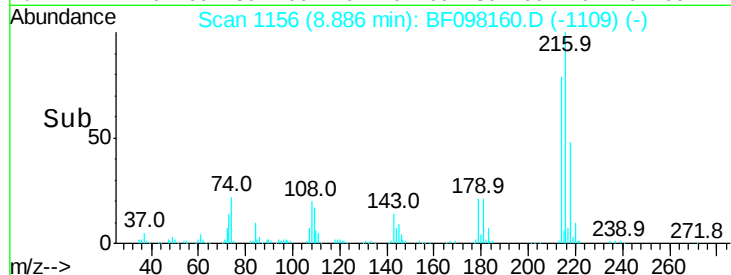


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 80.406 ng

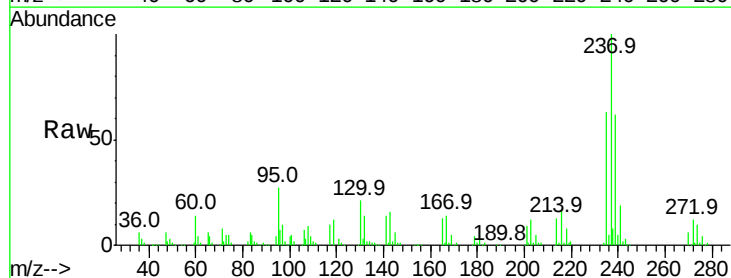
RT: 8.87 min Scan# 1153

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

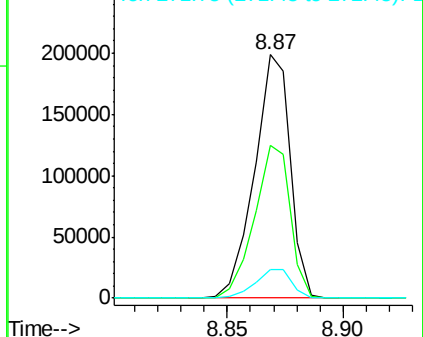
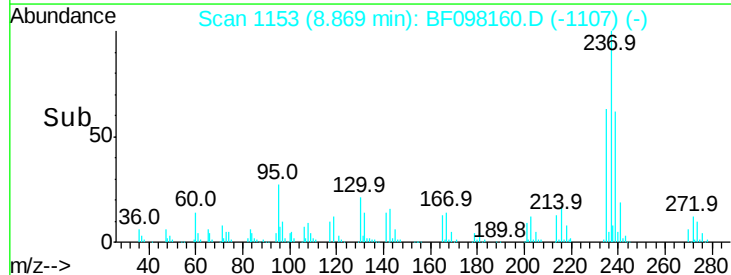
Tgt Ion:	237	Resp:	213946
Ion	Ratio	Lower	Upper
237	100		
235	62.7	42.6	82.6
272	11.5	0.0	31.9

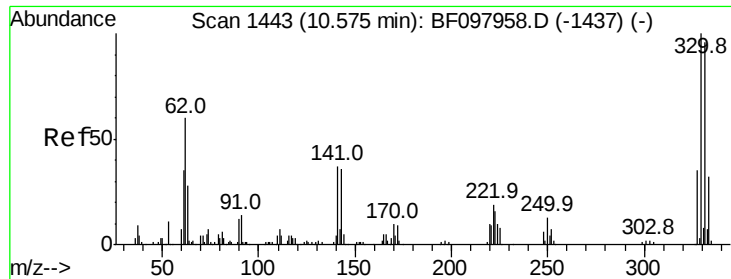


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

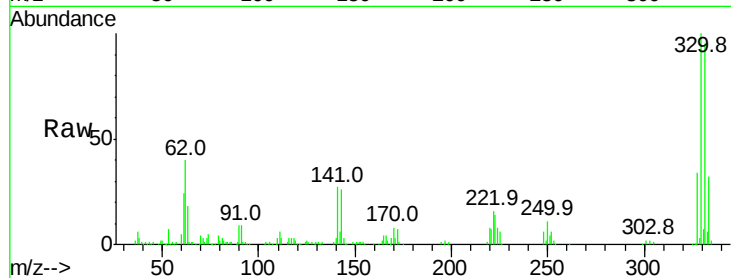




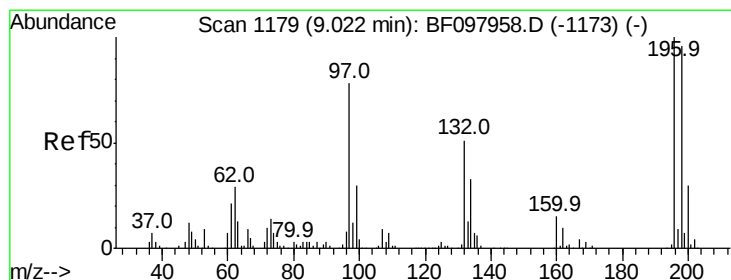
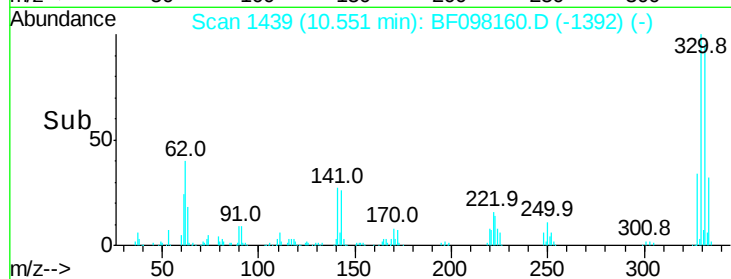
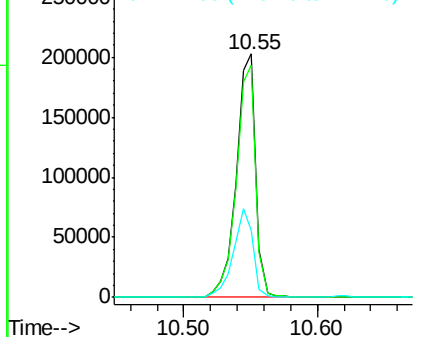
#41
 2,4,6-Tribromophenol
 Concen: 131.910 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	37.1	31.4	47.2

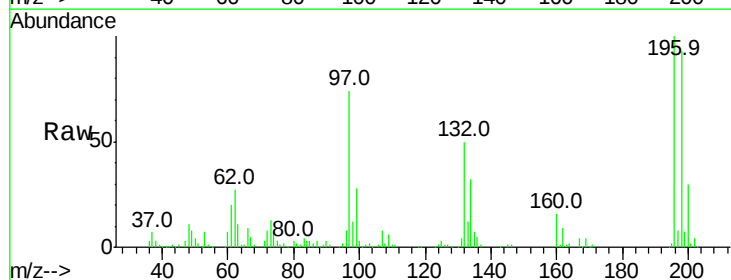


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

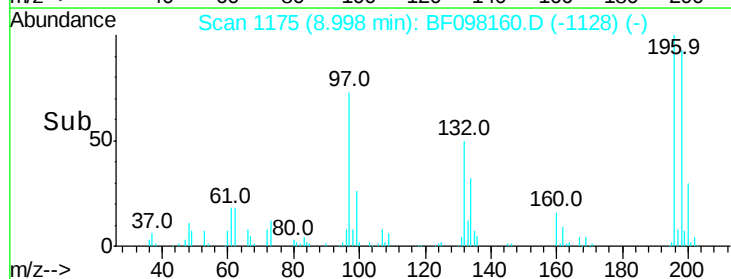
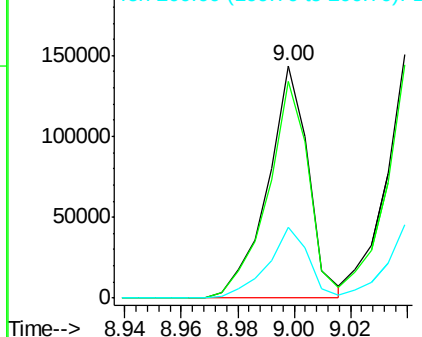


#42
 2,4,6-Trichlorophenol
 Concen: 38.548 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	74.2	111.4
200	30.3	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

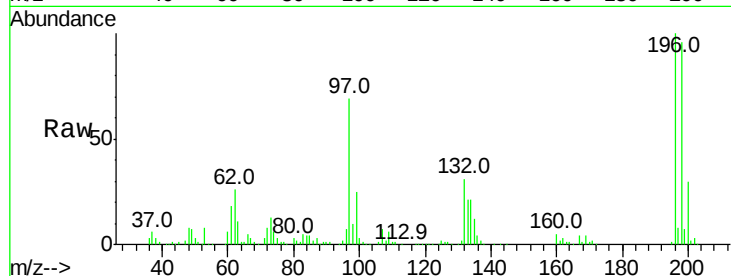




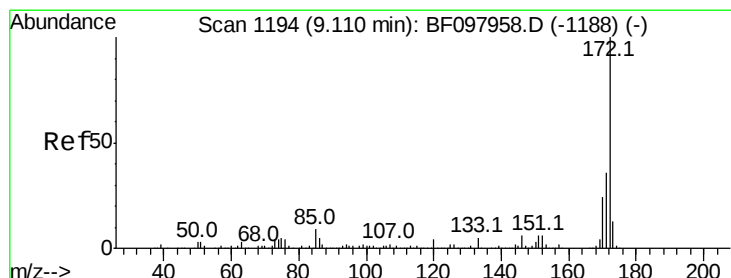
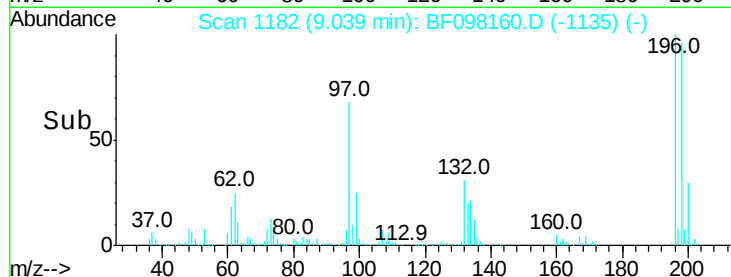
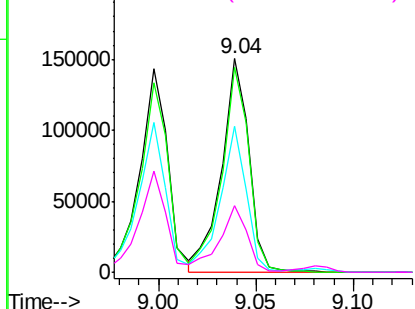
#43
 2,4,5-Trichlorophenol
 Concen: 39.615 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 146142
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 97 68.6 47.7 71.5
 132 31.3 28.0 42.0

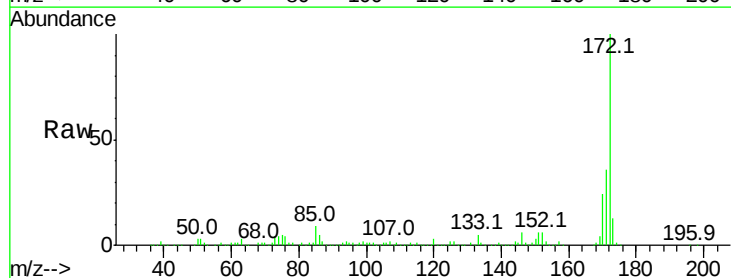


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

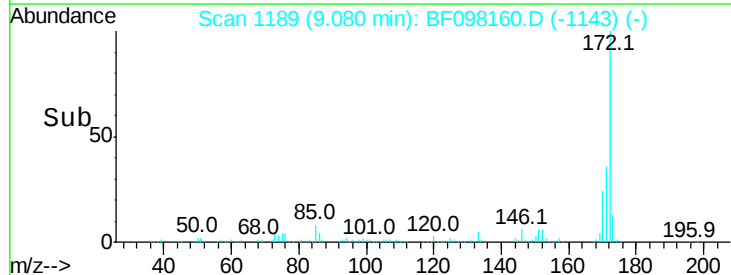
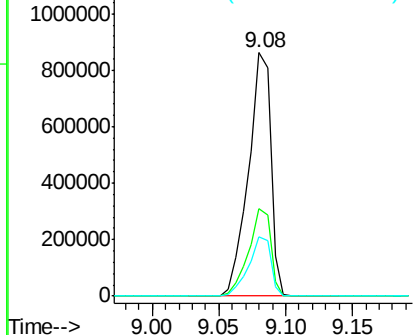


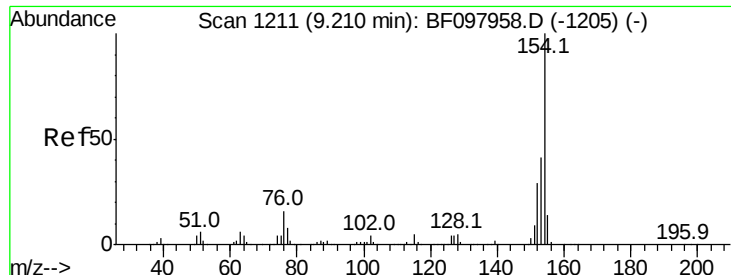
#44
 2-Fluorobiphenyl
 Concen: 80.358 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion:172 Resp: 987099
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.2 19.8 29.8



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

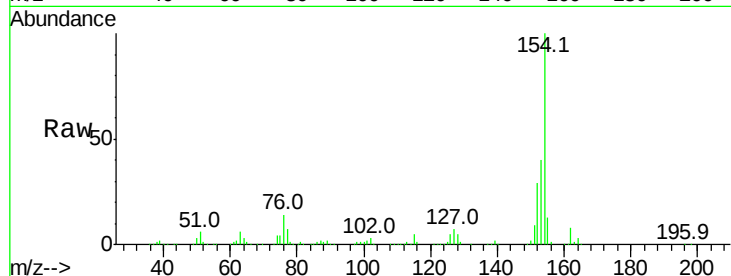




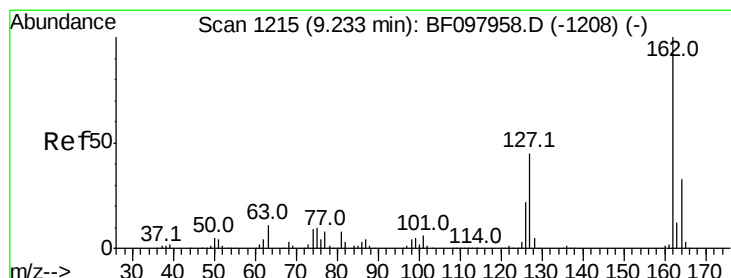
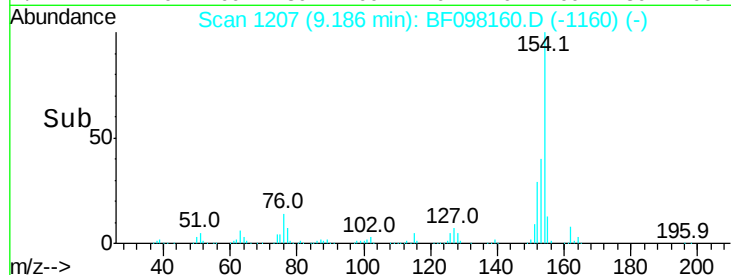
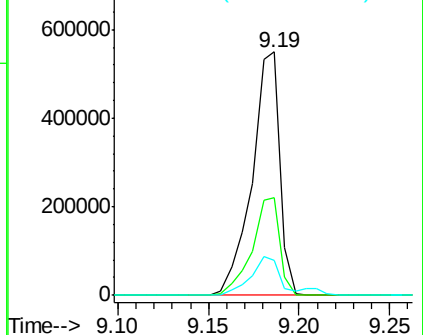
#45
 1,1'-Biphenyl
 Concen: 35.659 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	14.2	0.0	29.9

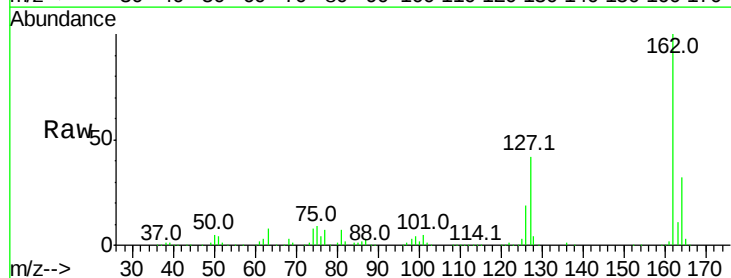


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

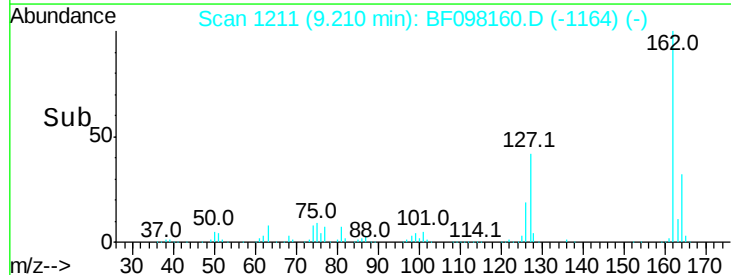
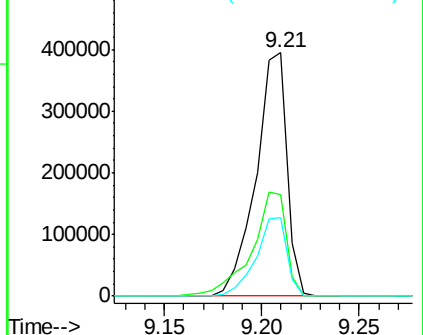


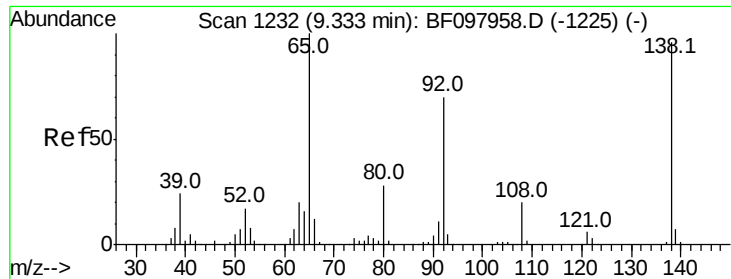
#46
 2-Chloronaphthalene
 Concen: 35.844 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	28.3	42.5
164	32.3	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

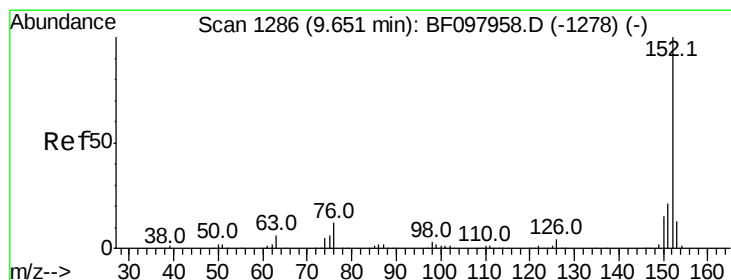
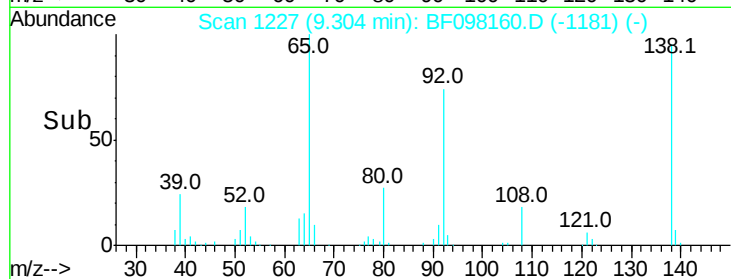
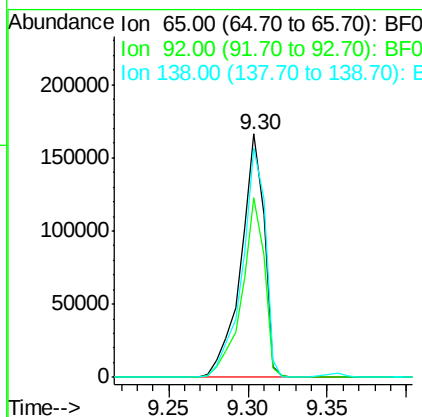
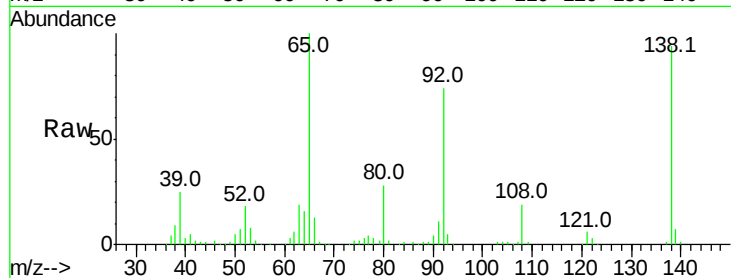




#47
 2-Nitroaniline
 Concen: 41.304 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.03 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

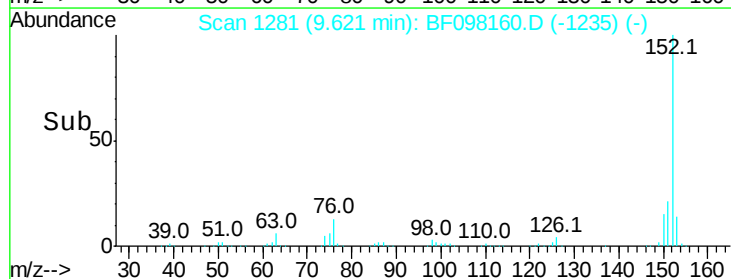
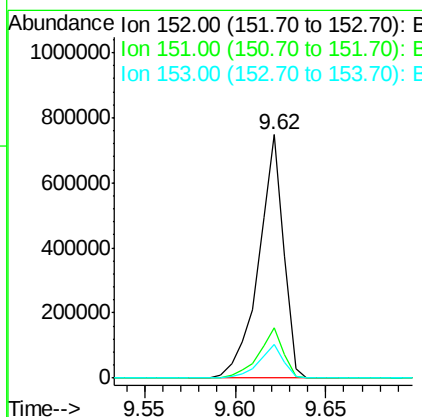
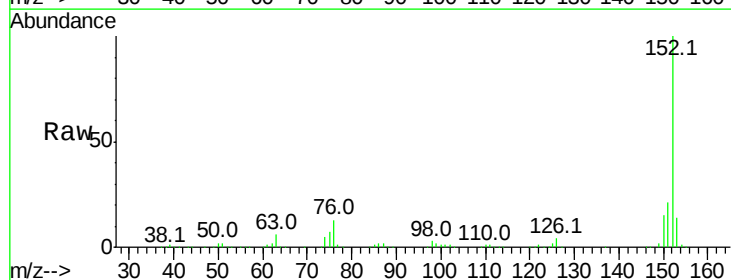
Instrument :
 BNA_F
 ClientSampleId :

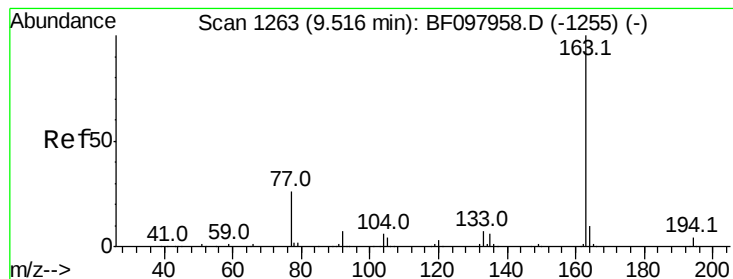
Tot Ion: 65 Resp: 168376
 Ion Ratio Lower Upper
 65 100
 92 73.6 53.9 80.9
 138 94.4 78.8 118.2



#48
 Acenaphthylene
 Concen: 37.386 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.03 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion: 152 Resp: 713900
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 38.899 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleId :

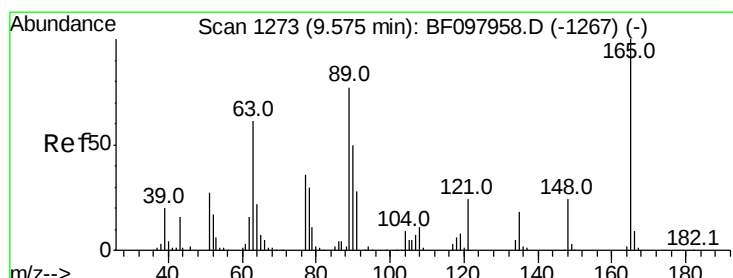
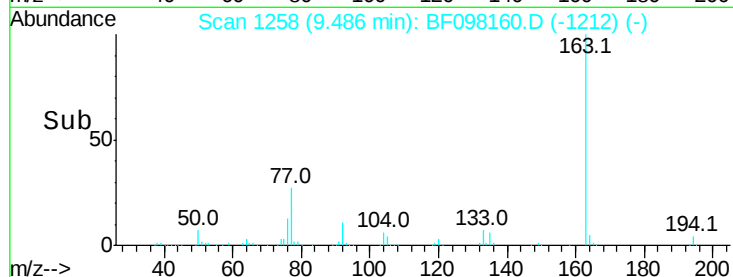
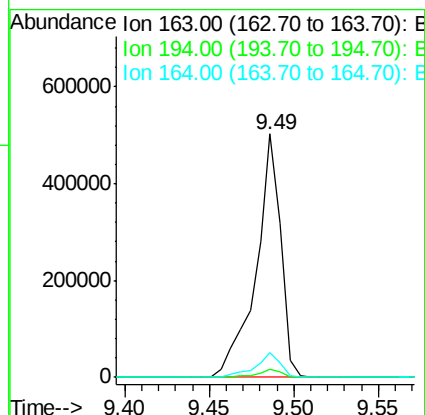
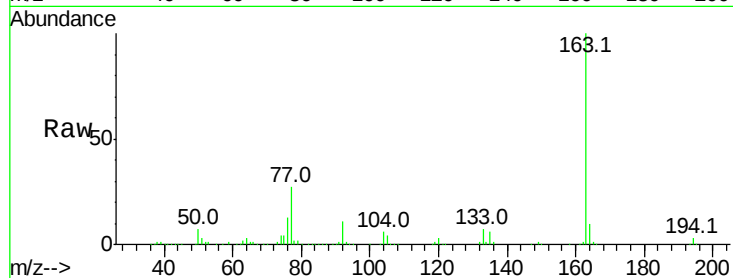
Tot Ion:163 Resp: 513161

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 10.2 8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 41.842 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

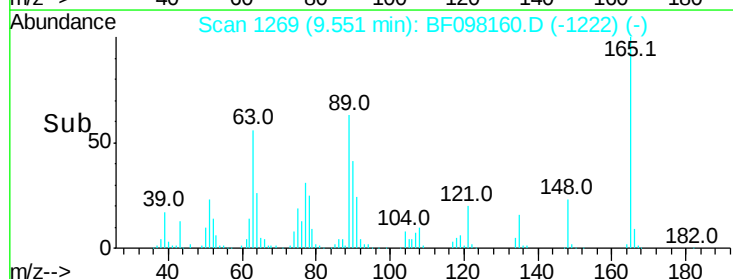
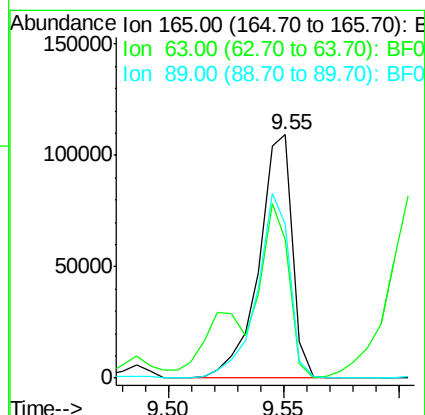
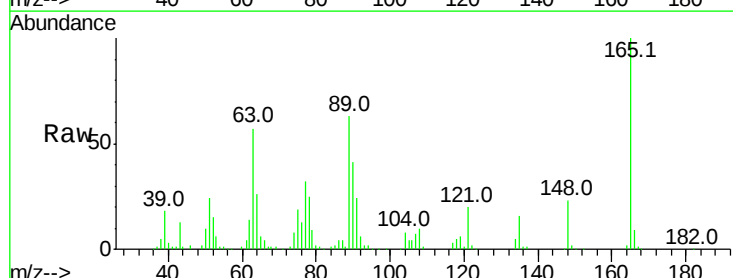
Tgt Ion:165 Resp: 110180

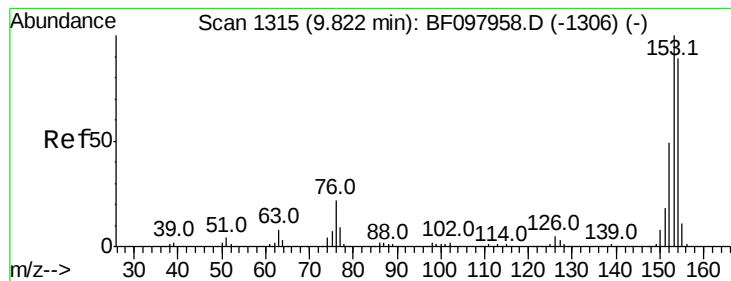
Ion Ratio Lower Upper

165 100

63 56.8 34.3 51.5#

89 63.1 37.1 55.7#





#51

Acenaphthene

Concen: 35.322 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleId :

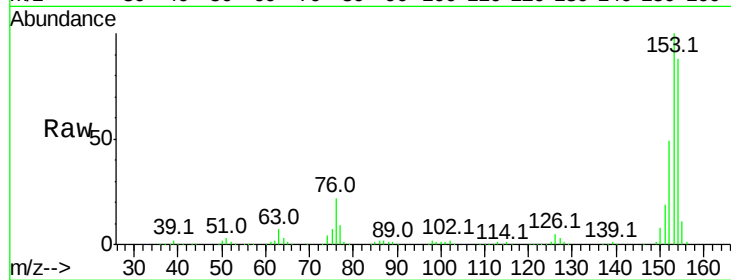
Tot Ion:154 Resp: 425393

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

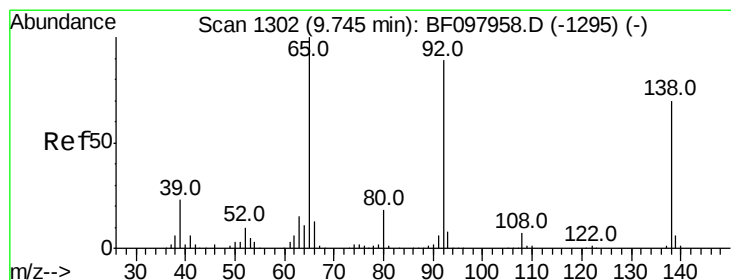
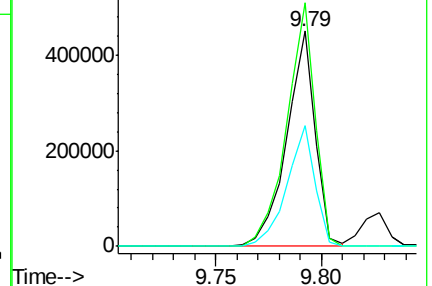
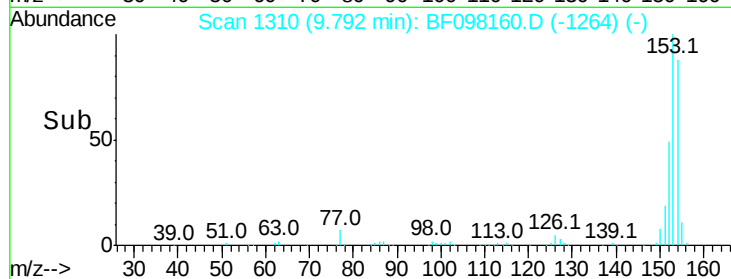
152 56.0 43.6 65.4



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: 17.178 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.04 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

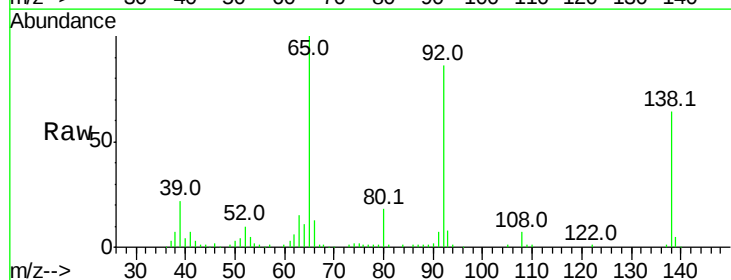
Tgt Ion:138 Resp: 58360

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

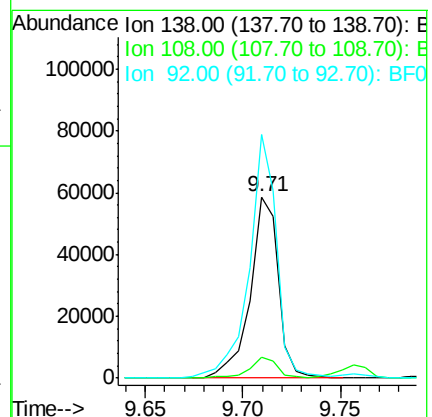
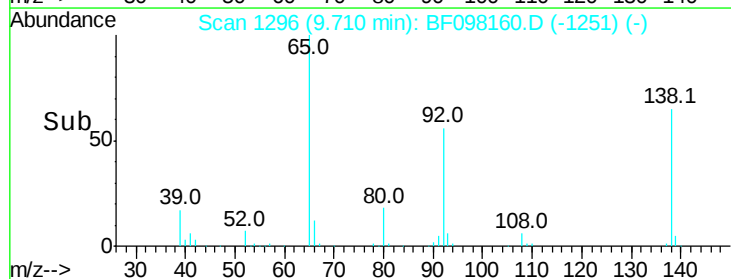
92 134.5 93.8 140.6



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

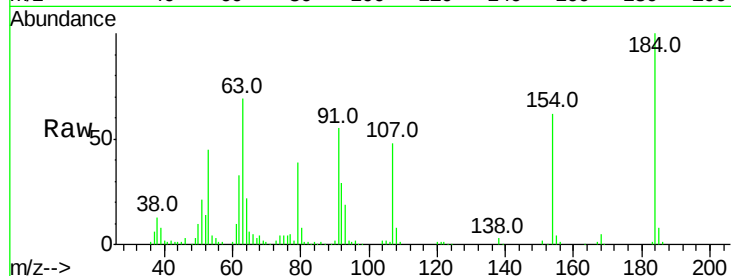




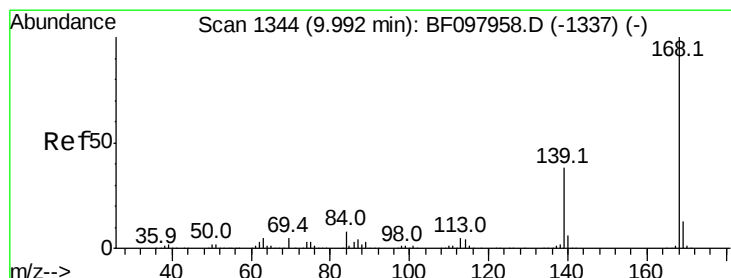
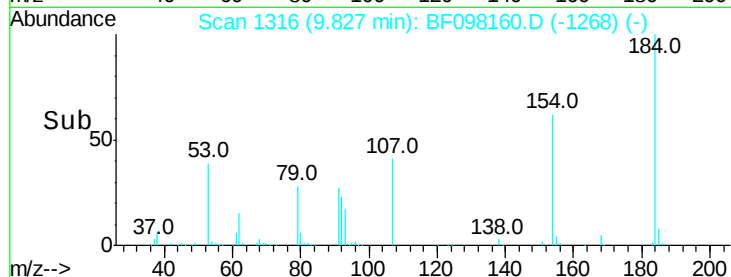
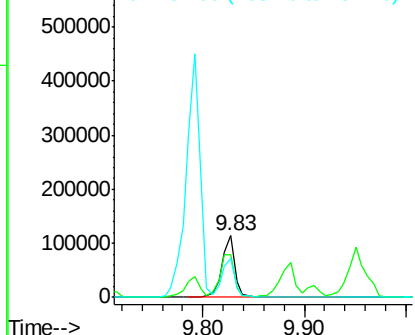
#53
2,4-Dinitrophenol
Concen: 82.326 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 103544
Ion Ratio Lower Upper
184 100
63 69.4 62.7 94.1
154 62.0 81.1 121.7#

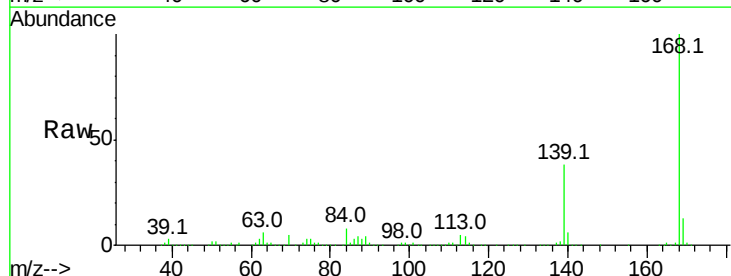


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

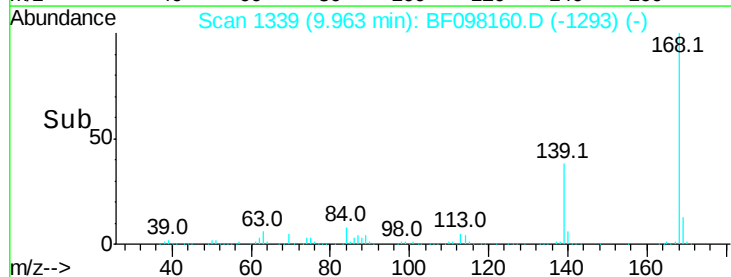
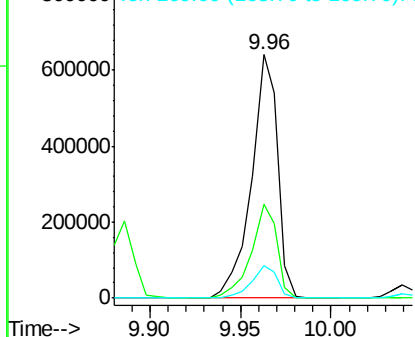


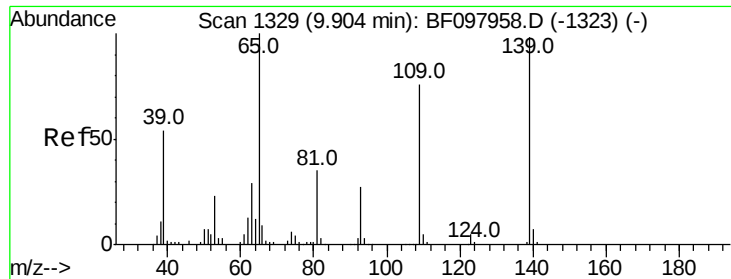
#54
Dibenzofuran
Concen: 39.809 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion:168 Resp: 642542
Ion Ratio Lower Upper
168 100
139 38.5 30.6 45.8
169 13.3 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

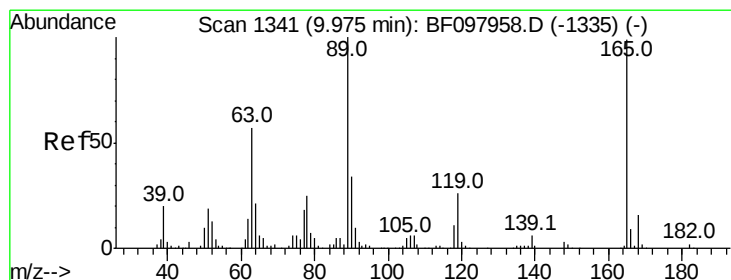
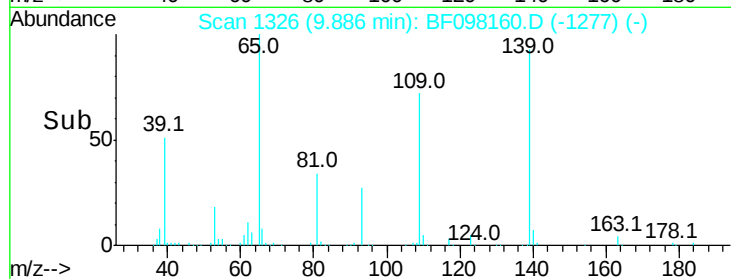
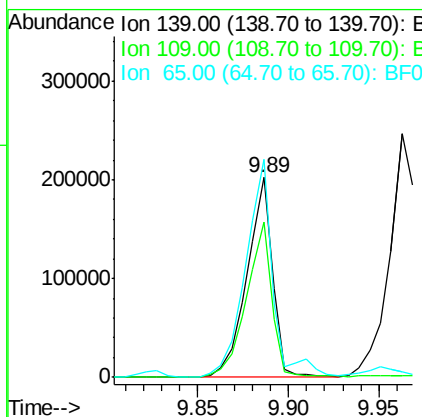
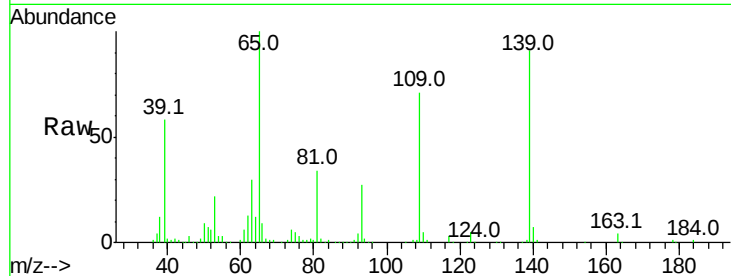




#55
4-Nitrophenol
Concen: 73.313 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

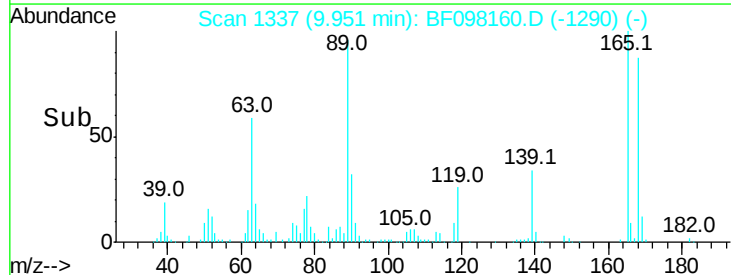
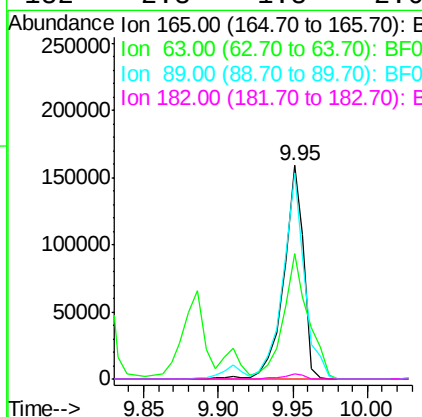
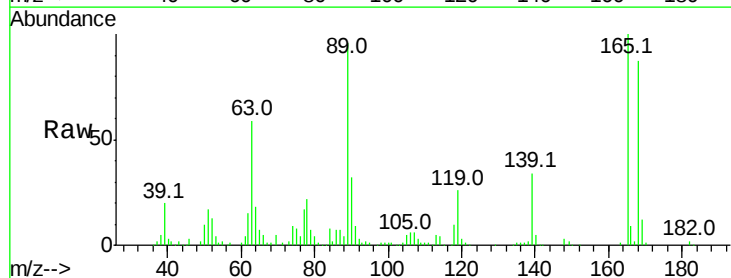
Instrument :
BNA_F
ClientSampleId :

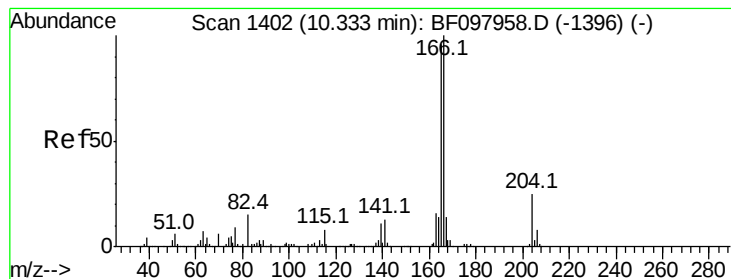
Tot Ion:139 Resp: 198690
Ion Ratio Lower Upper
139 100
109 77.7 34.1 74.1#
65 109.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 45.195 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion:165 Resp: 149354
Ion Ratio Lower Upper
165 100
63 58.9 25.4 38.0#
89 96.4 46.4 69.6#
182 2.3 1.8 2.6





#57

Fluorene

Concen: 39.042 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleId :

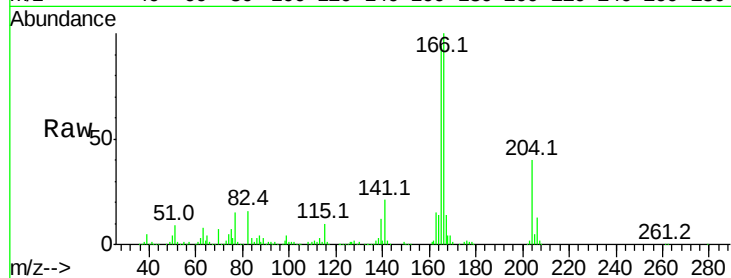
Tot Ion:166 Resp: 487209

Ion Ratio Lower Upper

166 100

165 94.2 78.8 118.2

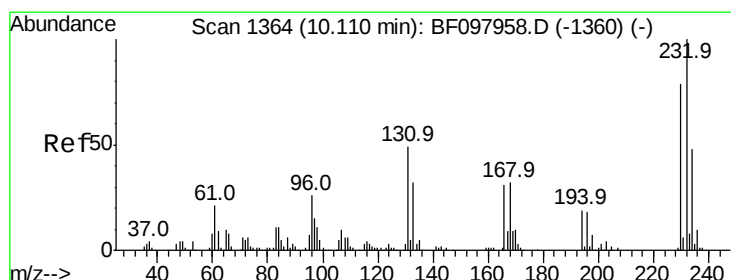
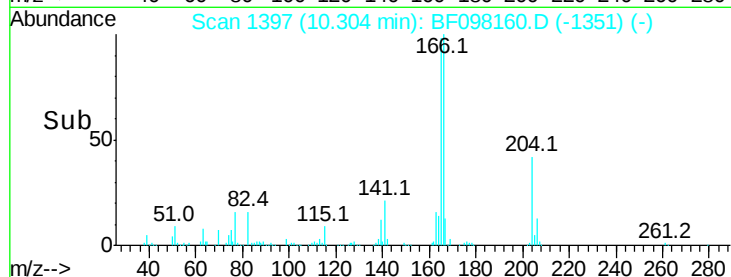
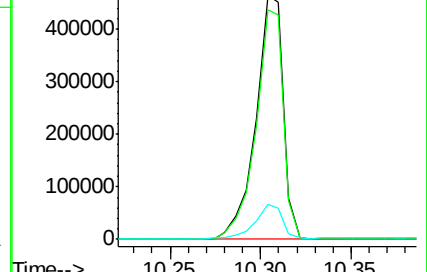
167 14.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.871 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Tgt Ion:232 Resp: 122445

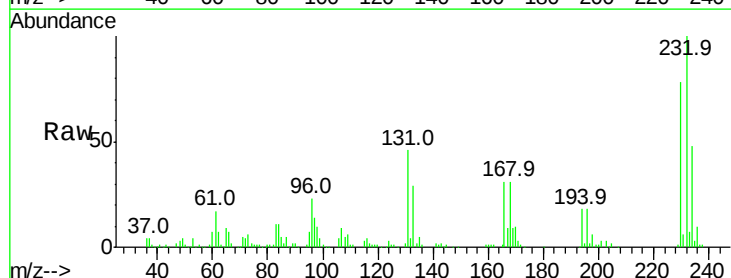
Ion Ratio Lower Upper

232 100

131 52.6 44.8 67.2

130 2.7 2.3 3.5

166 33.3 29.0 43.4

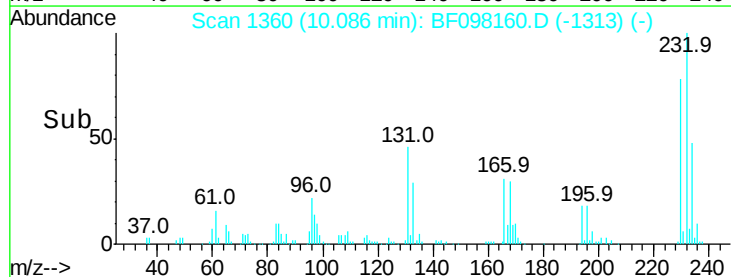
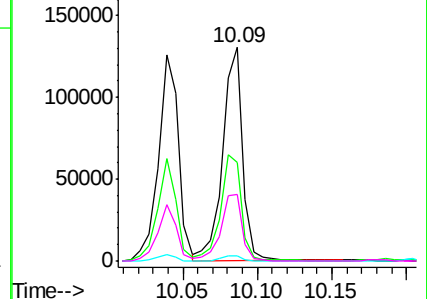


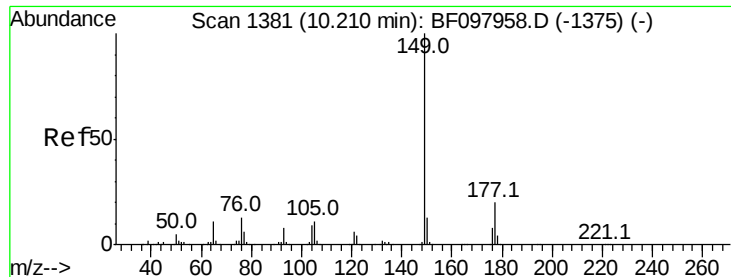
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

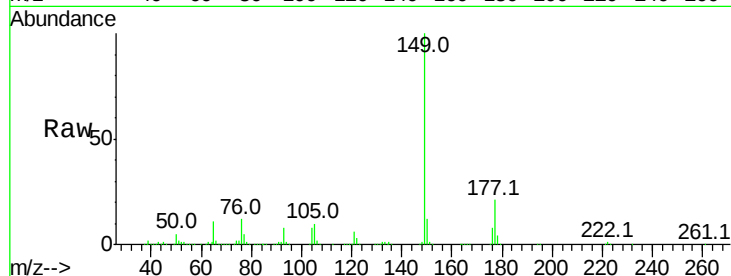




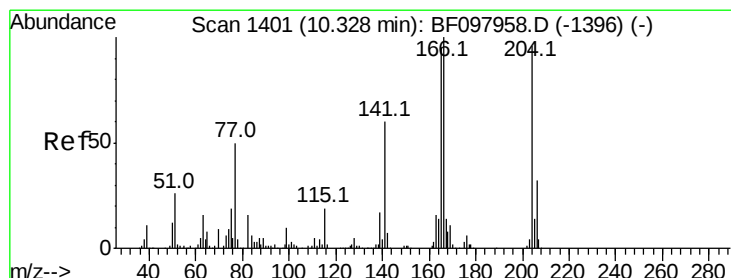
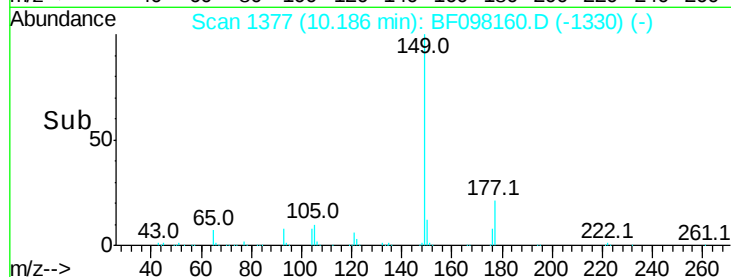
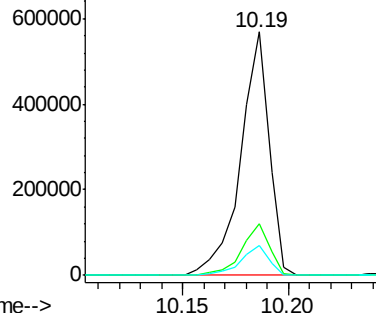
#59
Diethylphthalate
Concen: 38.670 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.7	25.1
150	12.5	10.2	15.2

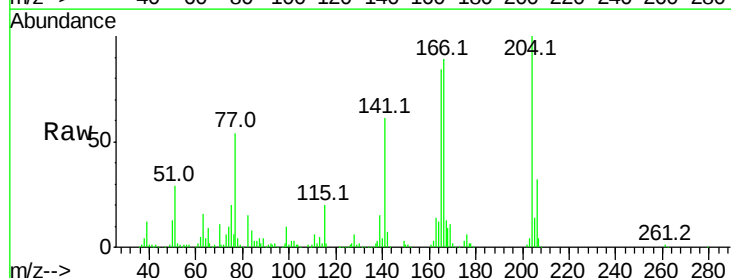


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

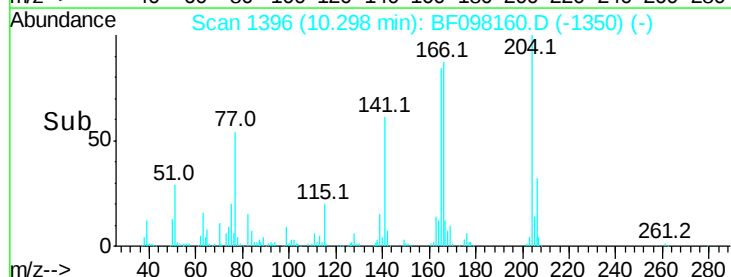
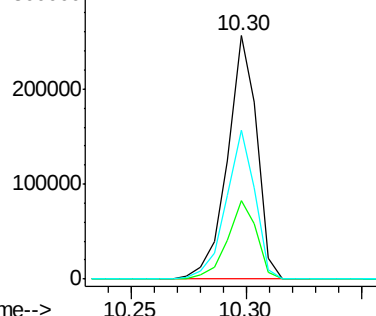


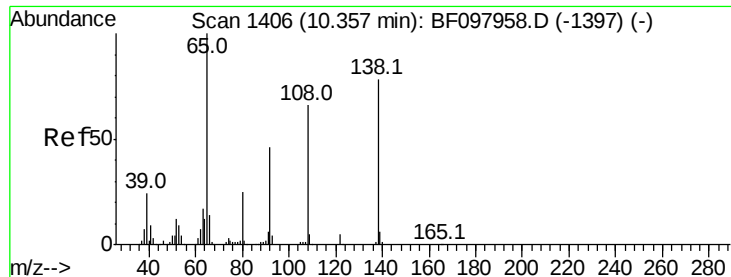
#60
4-Chlorophenyl-phenylether
Concen: 39.270 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	61.2	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

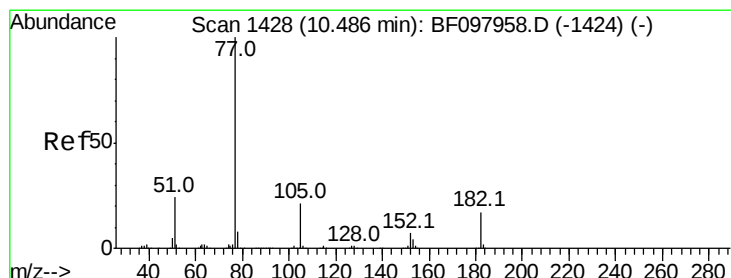
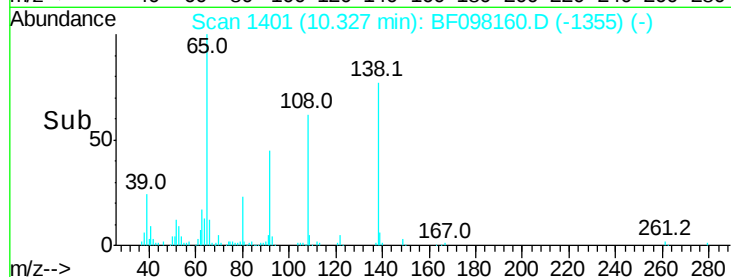
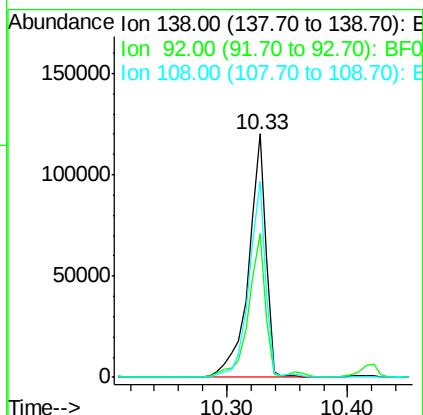
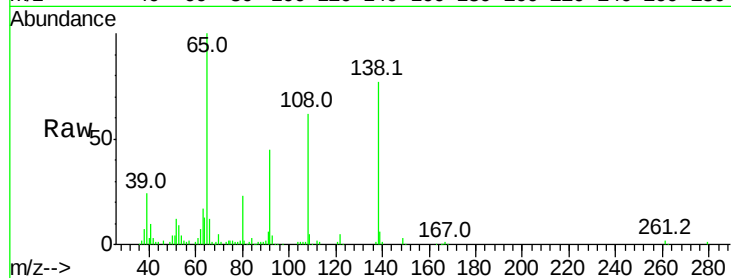




#61
4-Nitroaniline
Concen: 37.548 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

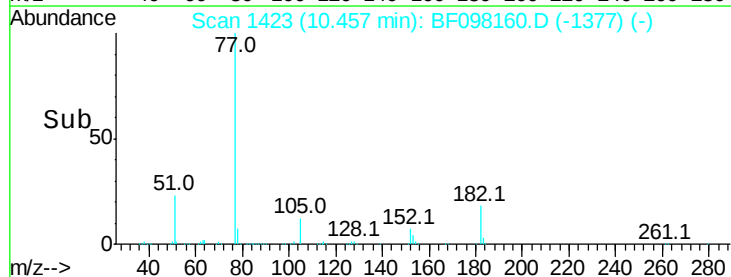
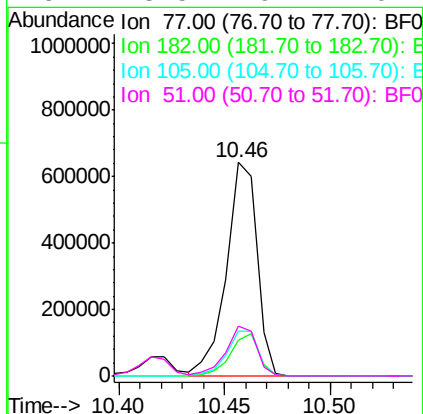
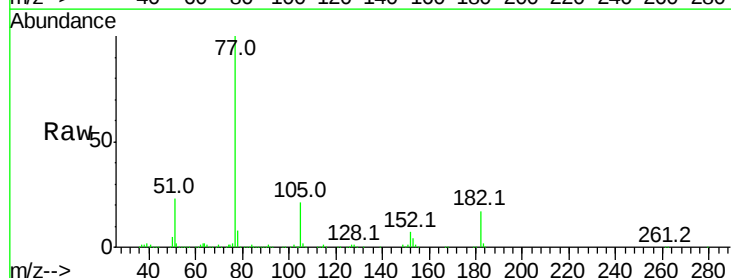
Instrument :
BNA_F
ClientSampled :

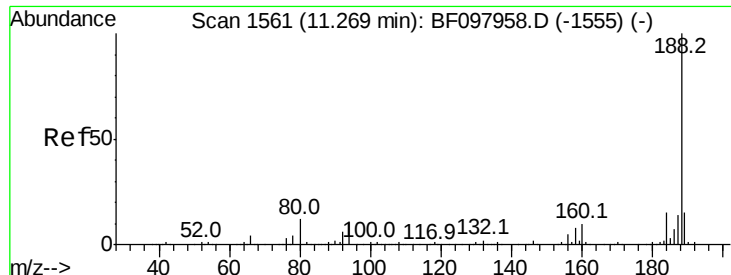
Tot Ion:138 Resp: 121242
Ion Ratio Lower Upper
138 100
92 59.0 21.8 61.8
108 80.8 42.3 82.3



#62
Azobenzene
Concen: 39.141 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion: 77 Resp: 641404
Ion Ratio Lower Upper
77 100
182 17.0 0.1 40.1
105 20.7 3.6 43.6
51 23.5 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampled :

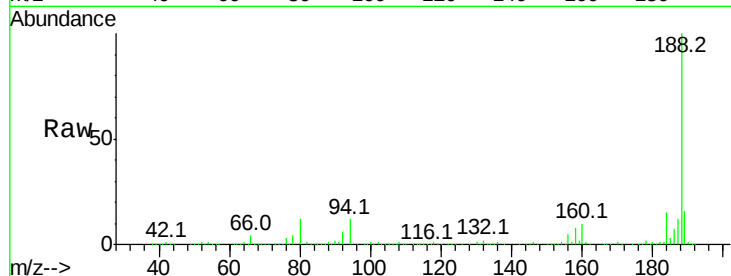
Tot Ion:188 Resp: 362021

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

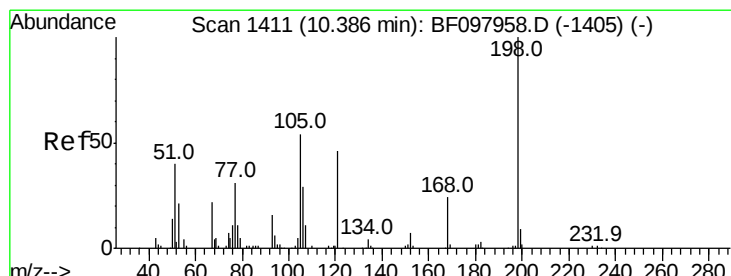
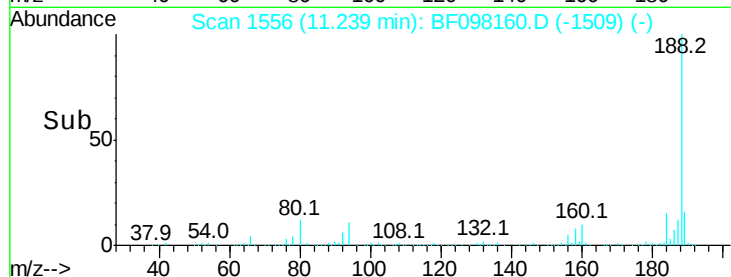
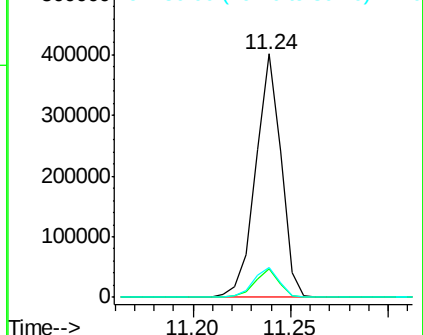
80 12.3 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.826 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

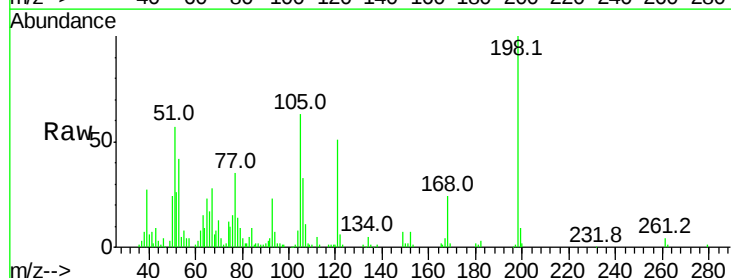
Tgt Ion:198 Resp: 69144

Ion Ratio Lower Upper

198 100

51 56.5 53.2 93.2

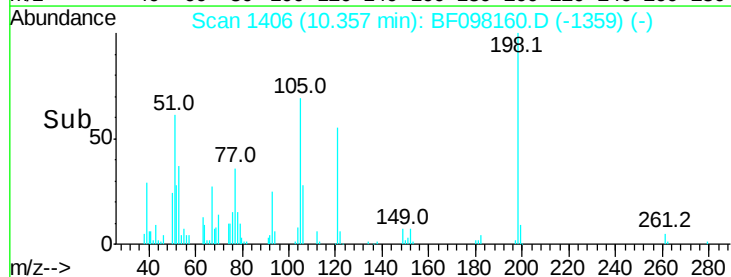
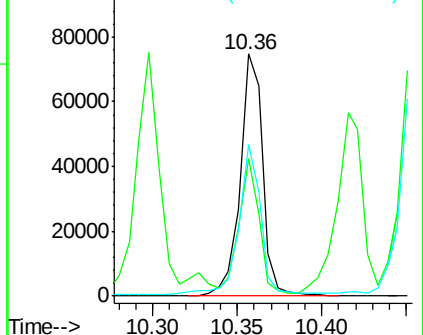
105 62.5 45.8 85.8

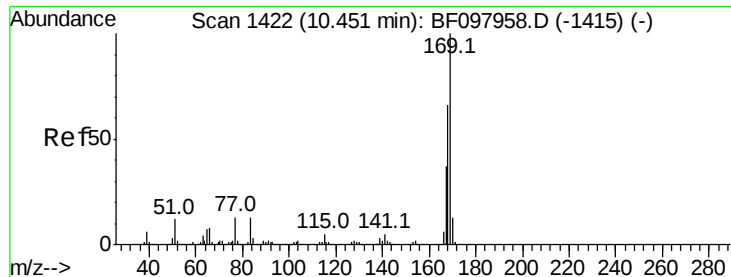


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

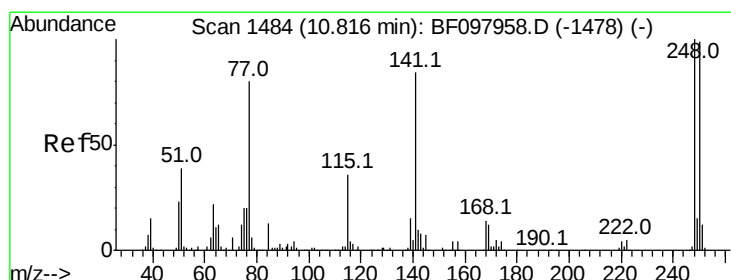
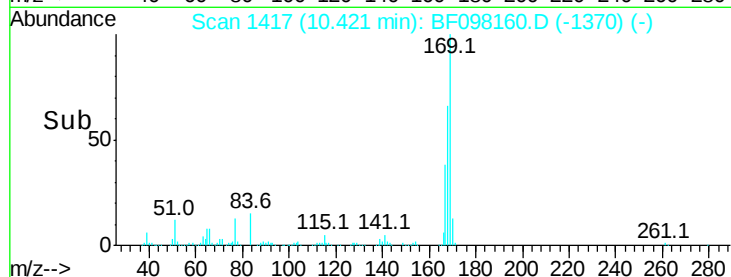
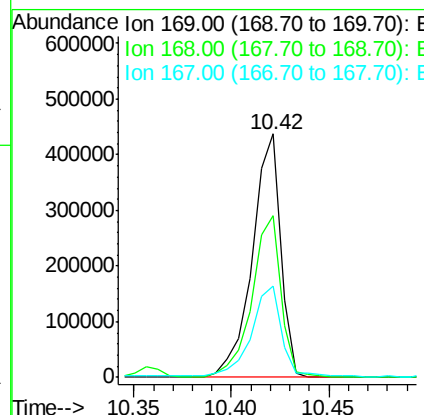
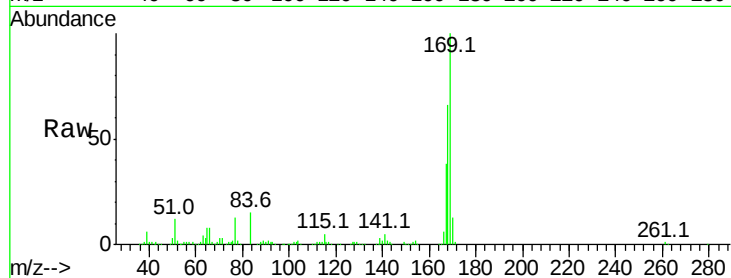




#65
n-Nitrosodiphenylamine
Concen: 35.841 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

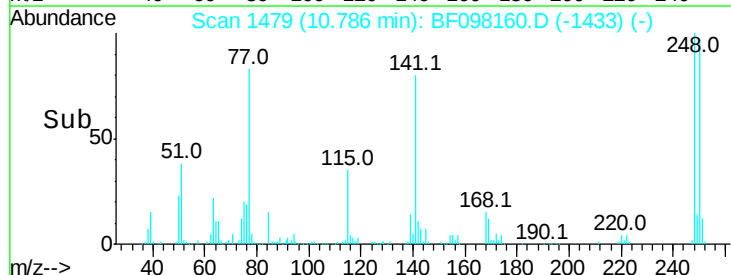
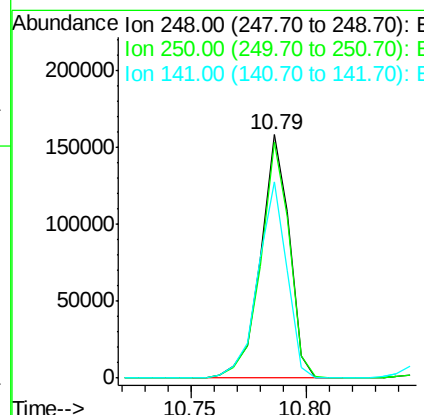
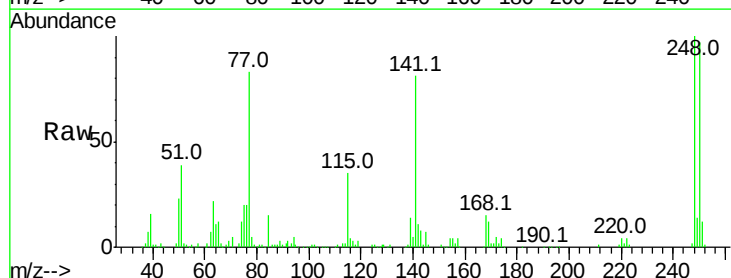
Instrument :
BNA_F
ClientSampled :

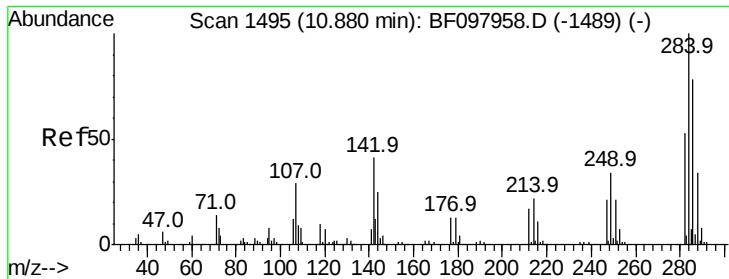
Tot Ion:169 Resp: 441838
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 37.7 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 36.751 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion:248 Resp: 138160
Ion Ratio Lower Upper
248 100
250 97.1 76.8 115.2
141 80.5 68.6 103.0

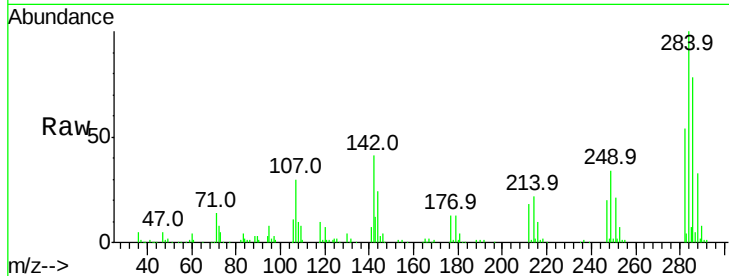




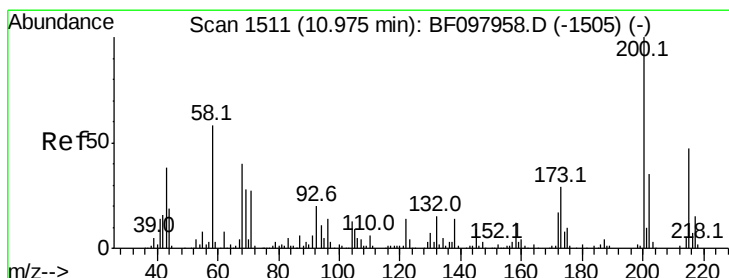
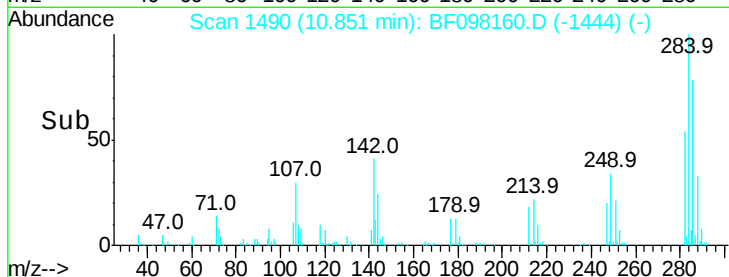
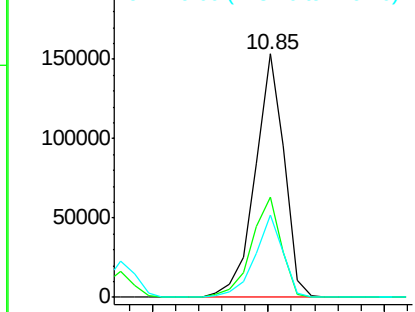
#67
Hexachlorobenzene
Concen: 35.015 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.2	22.8	34.2#
249	33.6	24.0	36.0

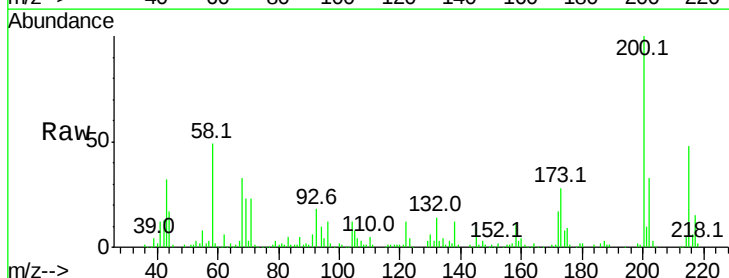


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

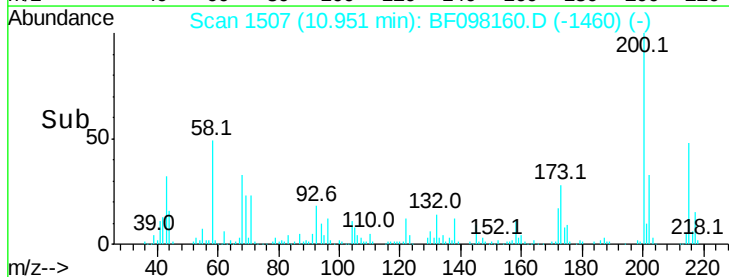
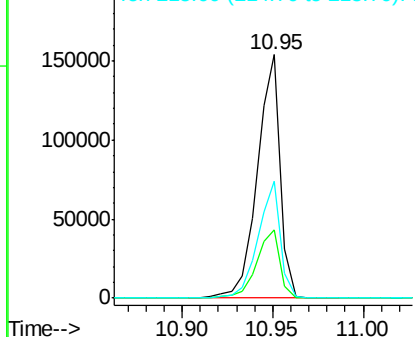


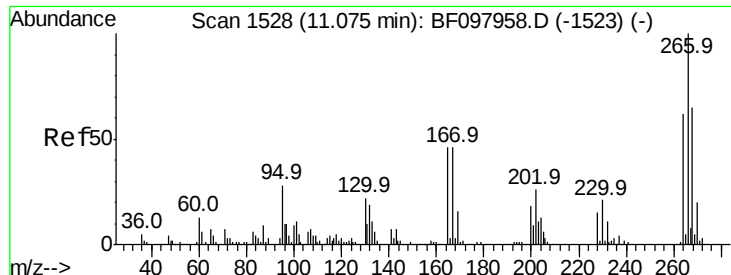
#68
Atrazine
Concen: 41.120 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.02 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.3	46.3
215	47.8	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

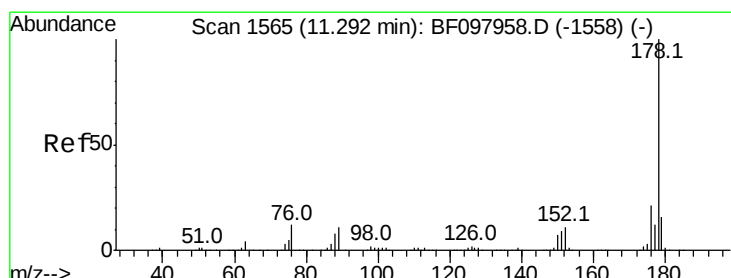
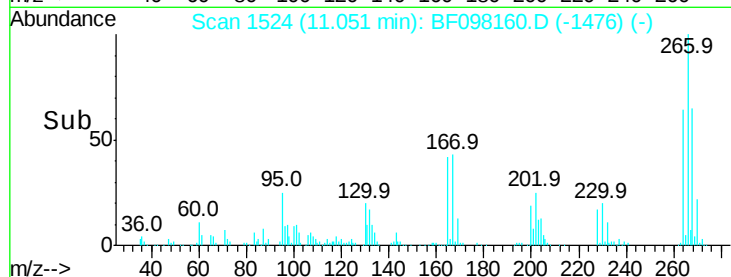
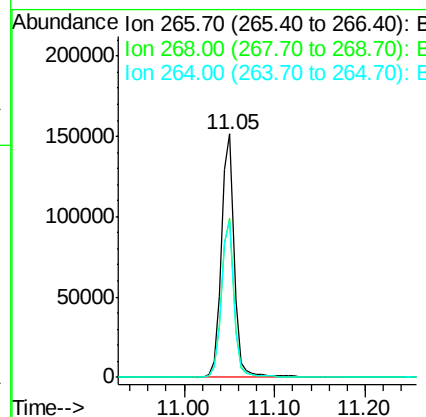
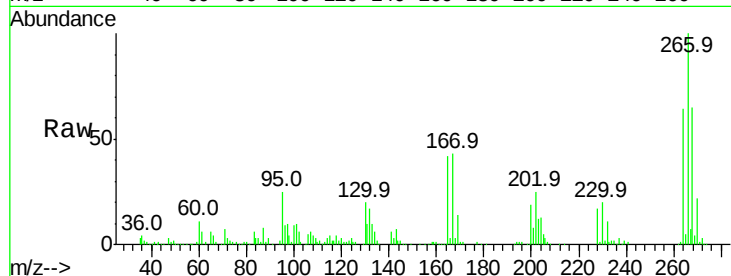




#69
 Pentachlorophenol
 Concen: 66.598 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

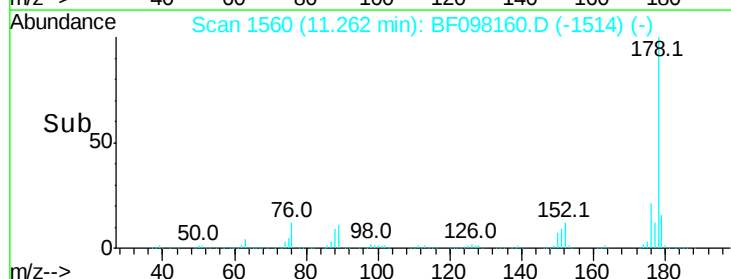
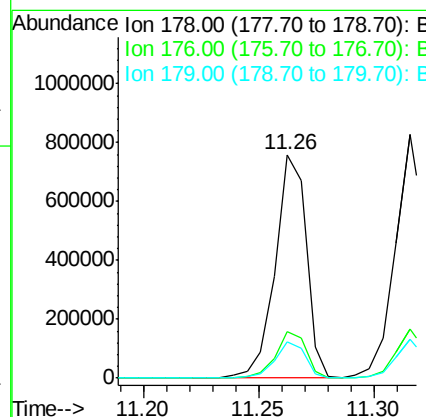
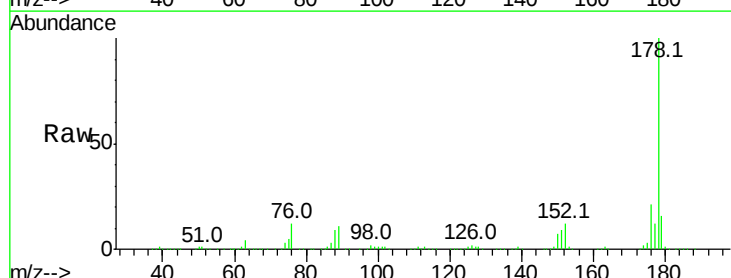
Instrument :
 BNA_F
 ClientSampleId :

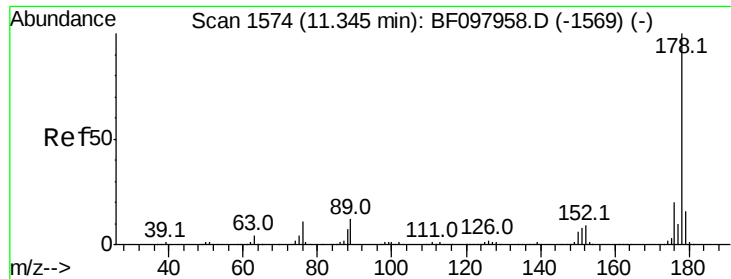
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	64.2	51.7	77.5



#70
 Phenanthrene
 Concen: 36.954 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.03 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	16.0	12.6	19.0

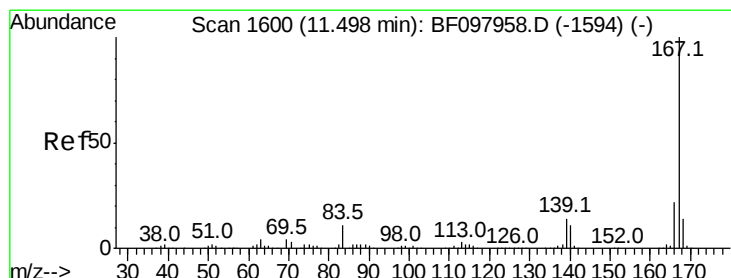
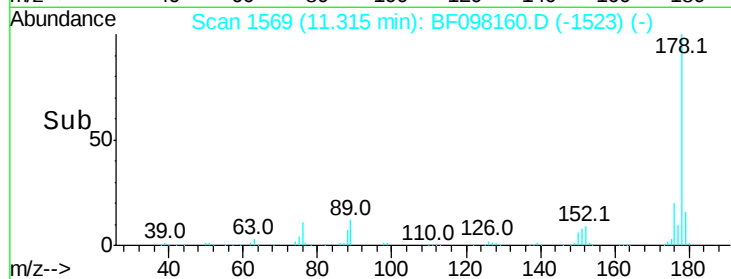
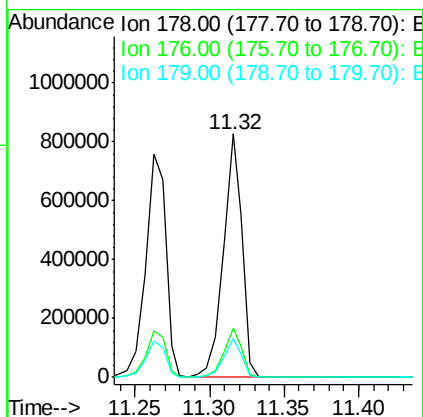
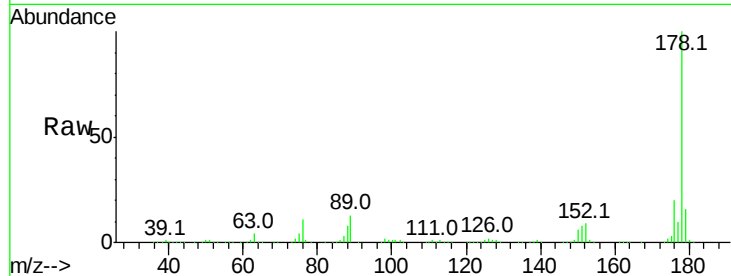




#71
 Anthracene
 Concen: 37.495 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.03 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

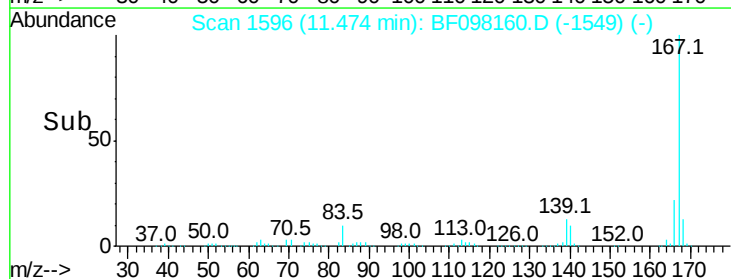
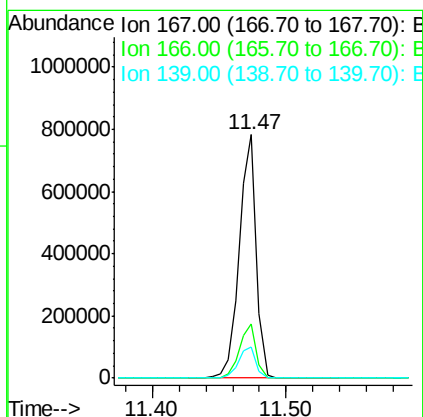
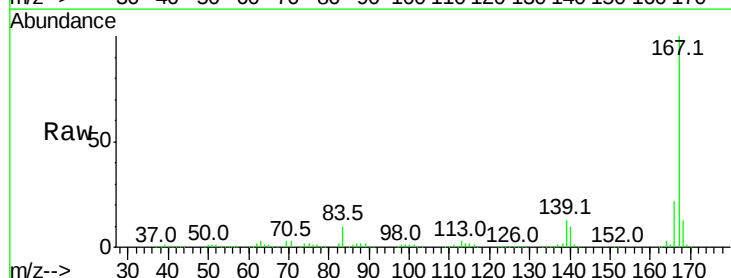
Instrument :
 BNA_F
 ClientSampleId :

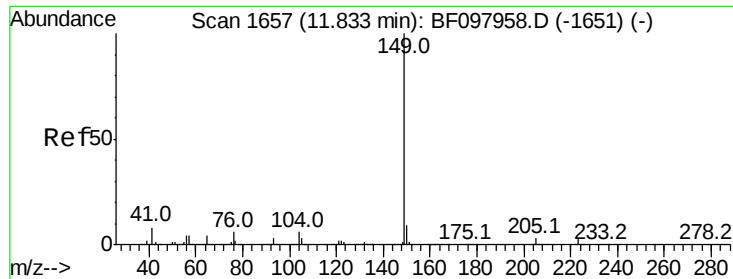
Tot Ion:178 Resp: 733641
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 37.260 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion:167 Resp: 692011
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 12.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.057 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleID :

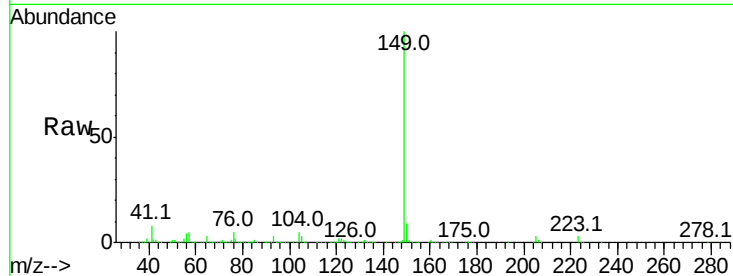
Tot Ion:149 Resp: 856939

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

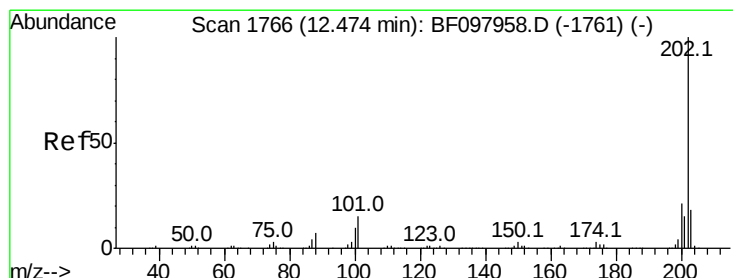
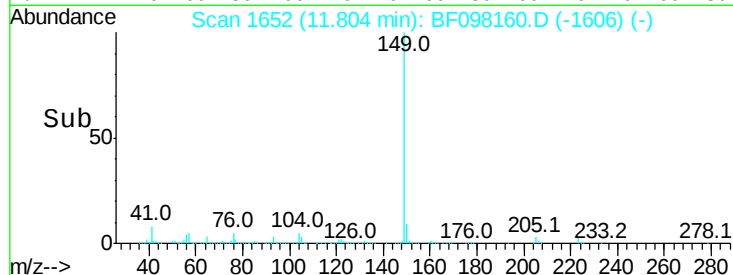
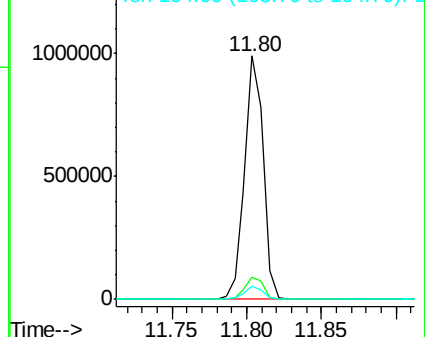
104 5.4 4.0 6.0



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: 37.833 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

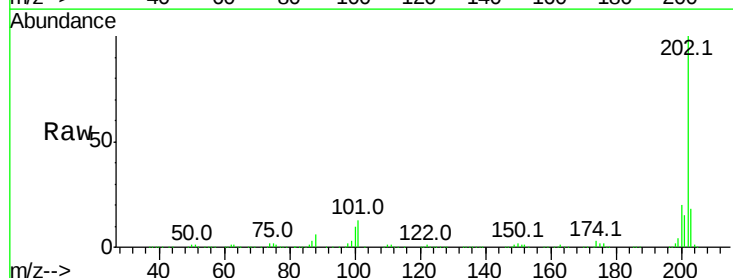
Tgt Ion:202 Resp: 761790

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

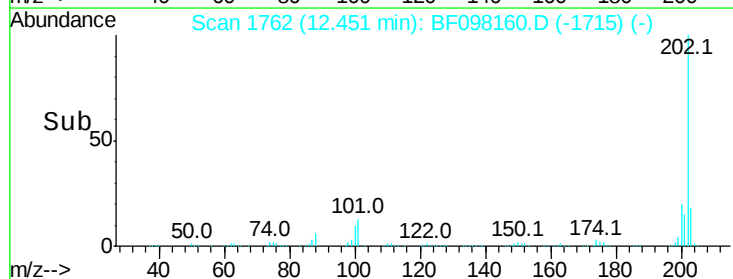
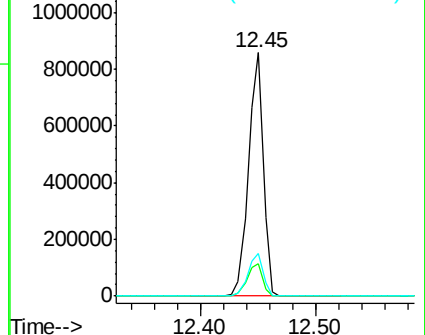
203 17.6 0.0 38.1

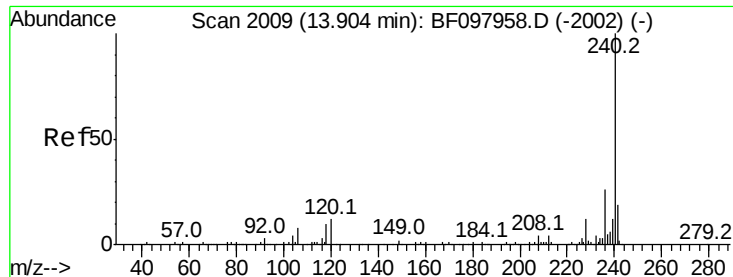


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleId :

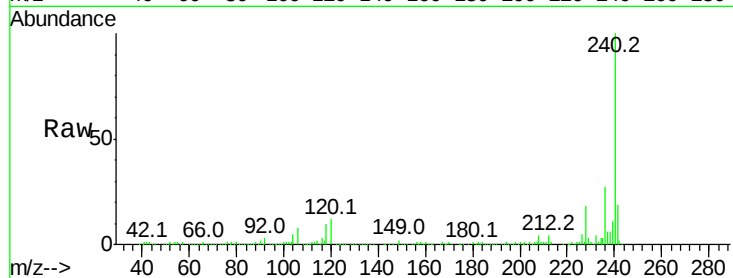
Tot Ion:240 Resp: 273397

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

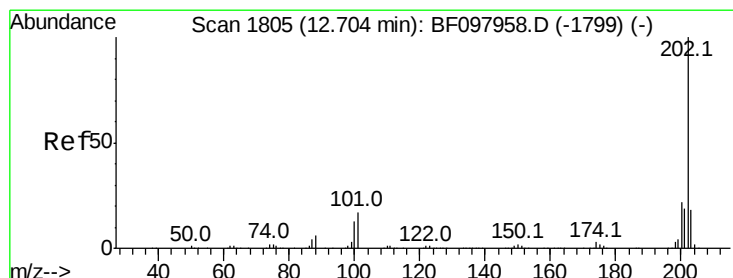
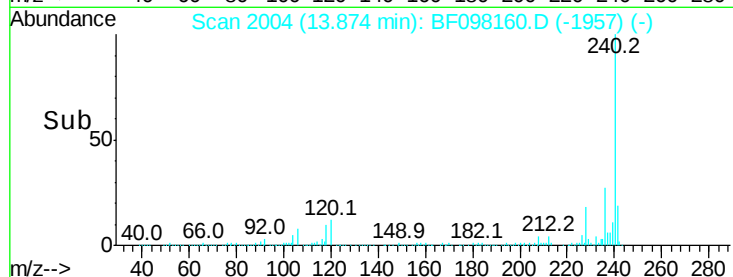
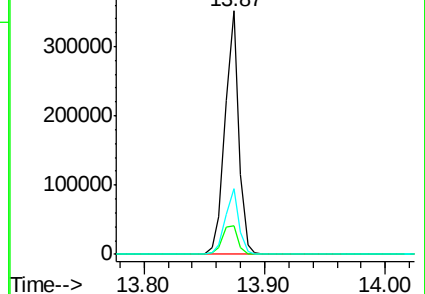
236 26.9 20.5 30.7



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



#77

Pyrene

Concen: 35.427 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

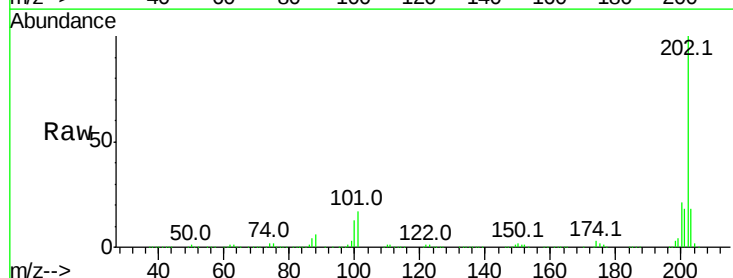
Tgt Ion:202 Resp: 792176

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

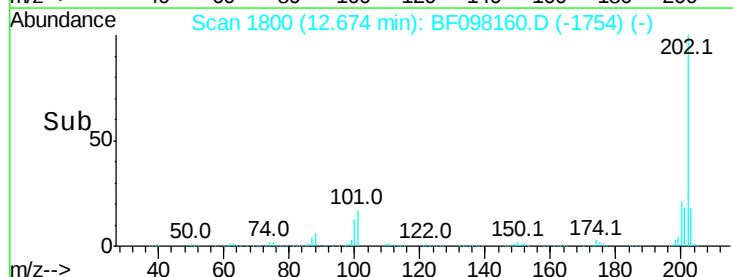
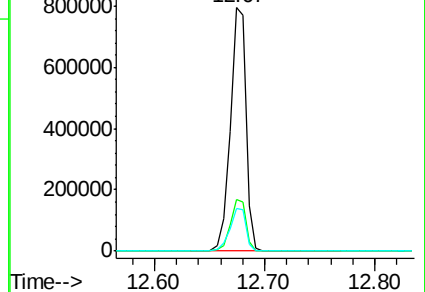
203 17.8 14.4 21.6

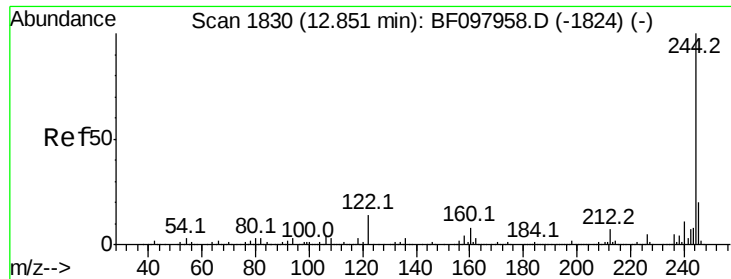


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 67.203 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleId :

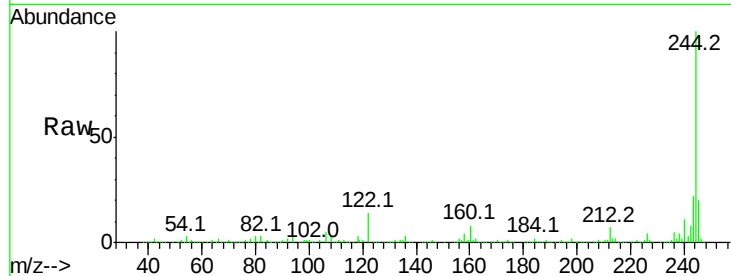
Tot Ion:244 Resp: 881060

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

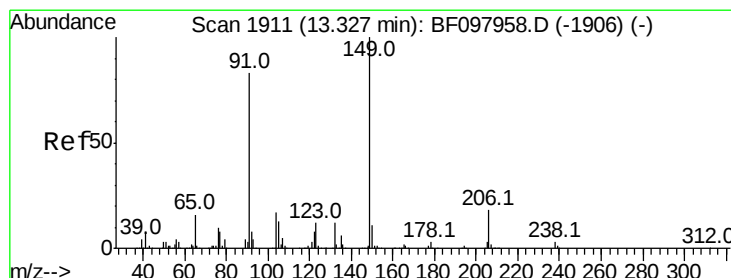
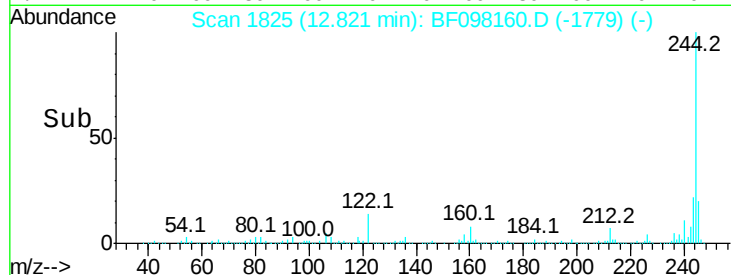
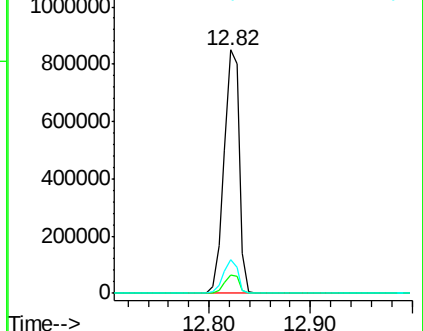
122 14.1 10.3 15.5



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: 42.015 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

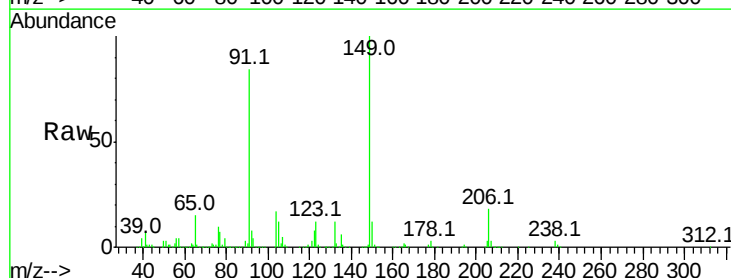
Tgt Ion:149 Resp: 360203

Ion Ratio Lower Upper

149 100

91 83.8 45.0 67.4#

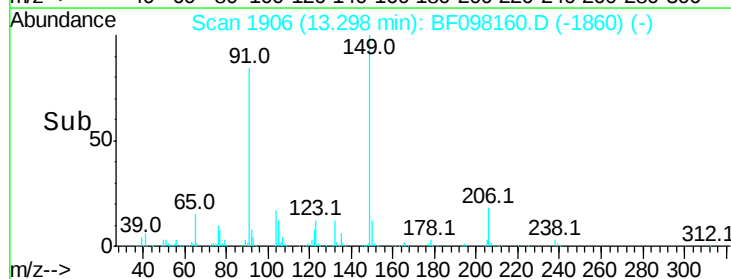
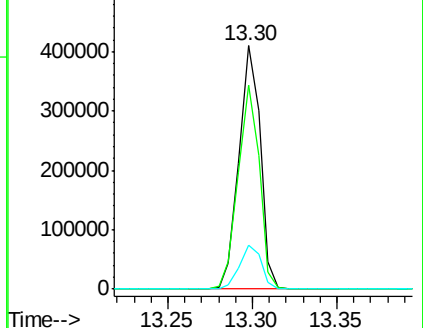
206 18.1 17.0 25.6

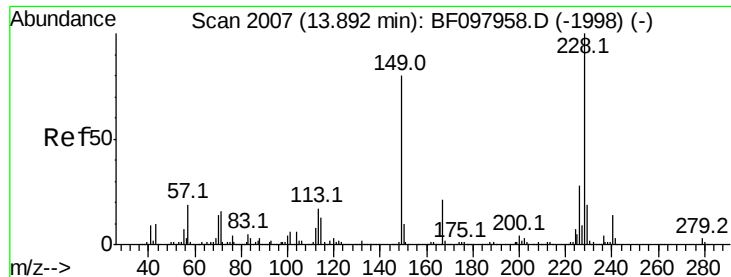


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.049 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleId :

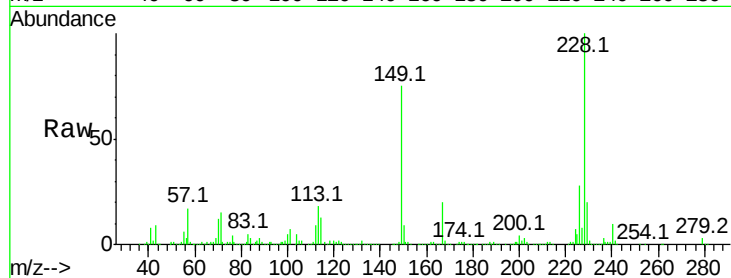
Tot Ion:228 Resp: 574300

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

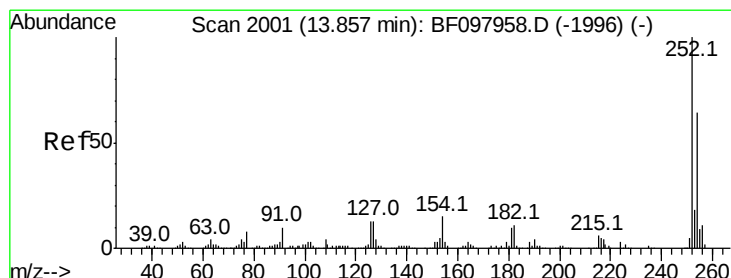
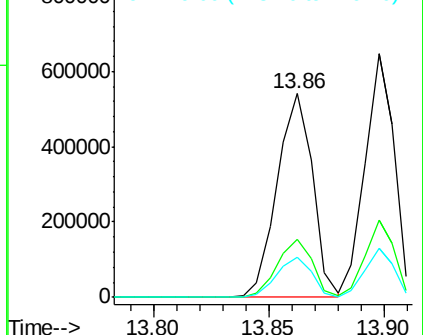
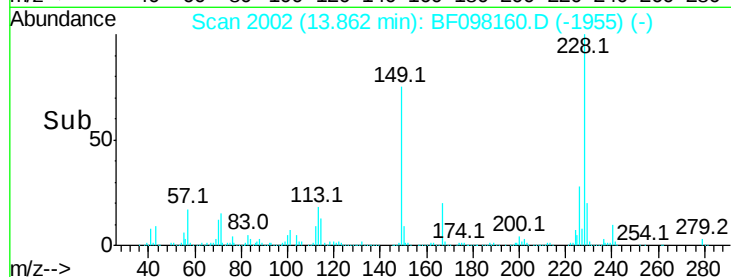
229 19.9 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 20.654 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

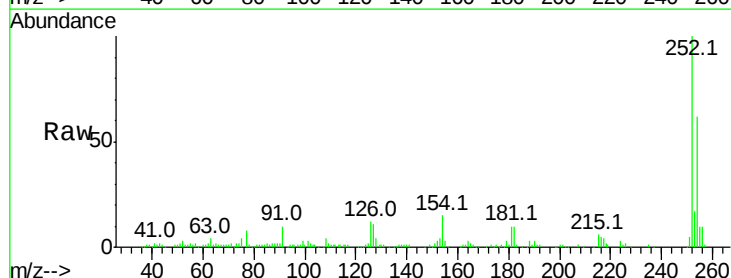
Tgt Ion:252 Resp: 114202

Ion Ratio Lower Upper

252 100

254 62.4 51.5 77.3

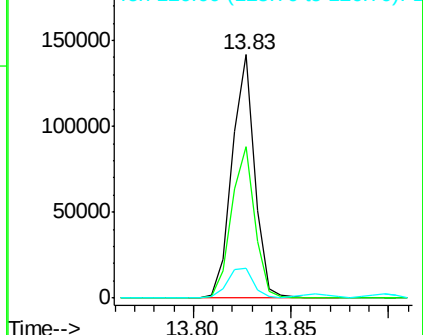
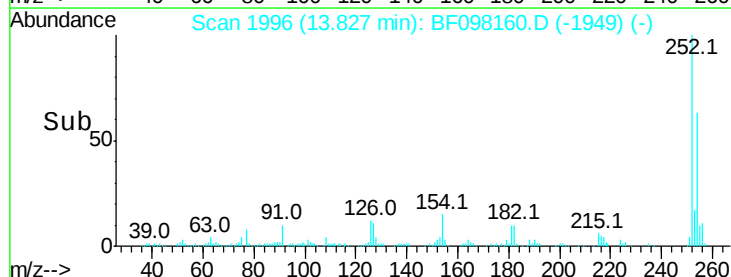
126 12.1 15.8 23.8#

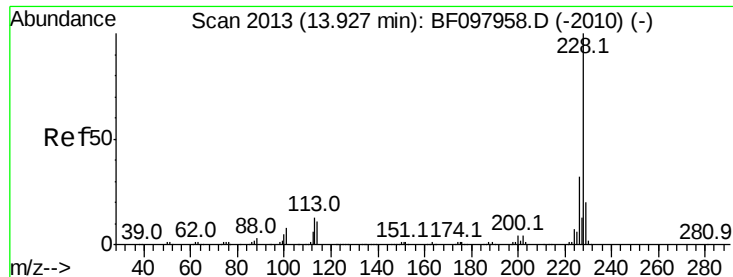


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

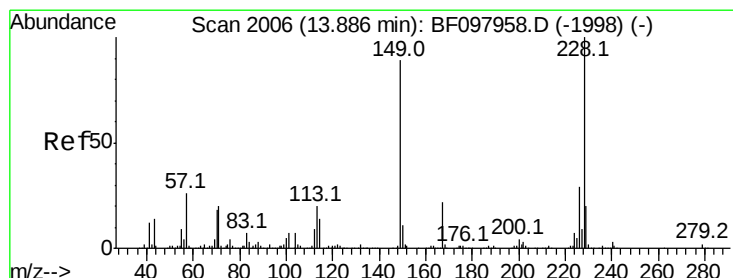
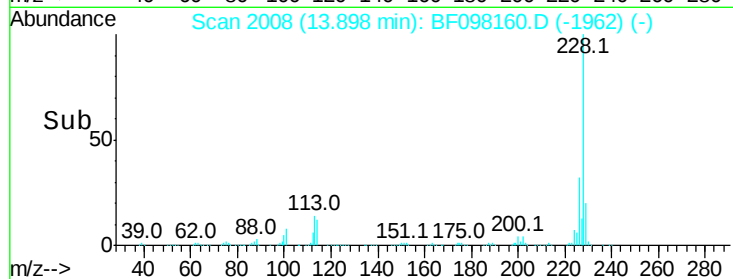
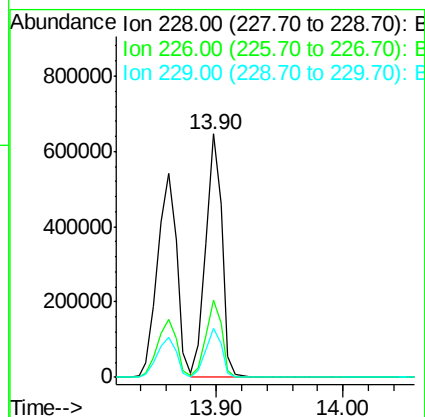
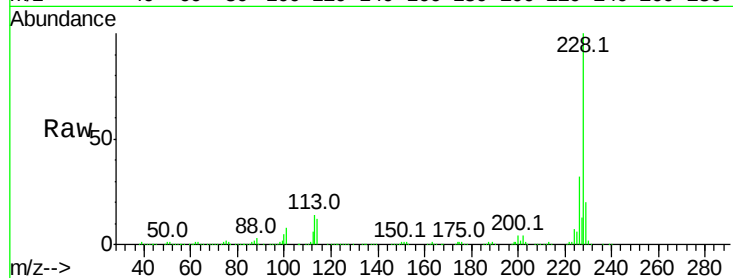




#82
 Chrysene
 Concen: 35.038 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.03 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

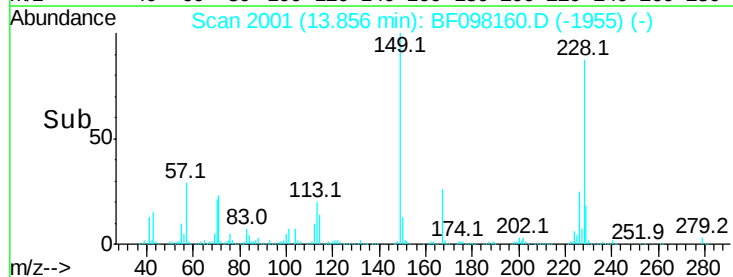
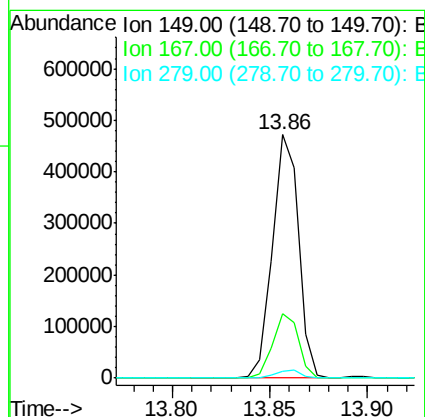
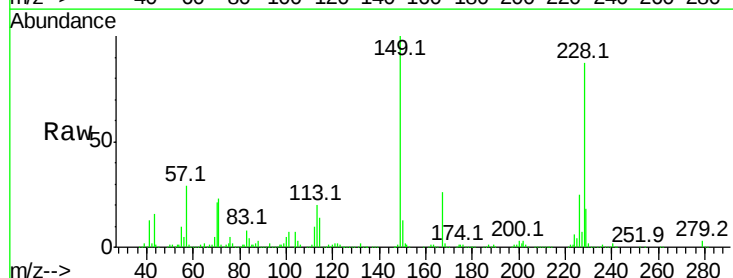
Instrument :
 BNA_F
 ClientSampleId :

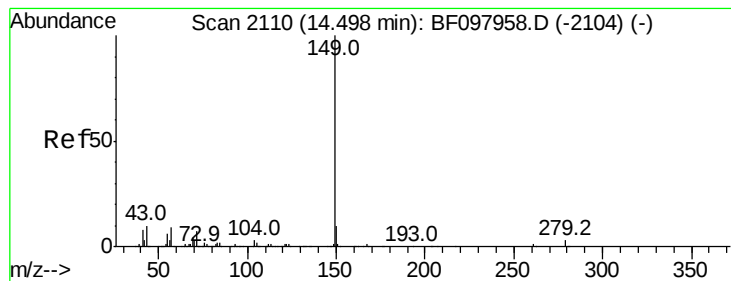
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.0	15.8	23.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.053 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.03 min
 Lab File: BF098160.D
 Acq: 30 Aug 2017 17:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	2.8	1.9	2.9





#84

Di-n-octyl phthalate

Concen: 44.822 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.03 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

Instrument :

BNA_F

ClientSampleId :

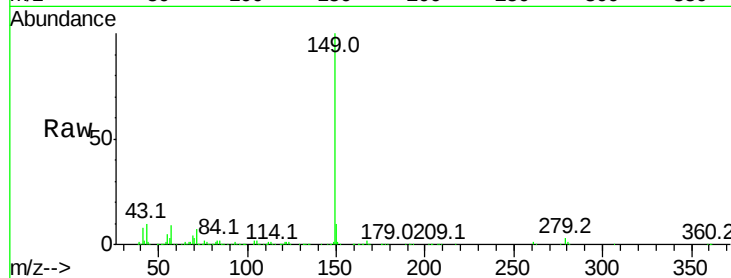
Tot Ion:149 Resp: 740885

Ion Ratio Lower Upper

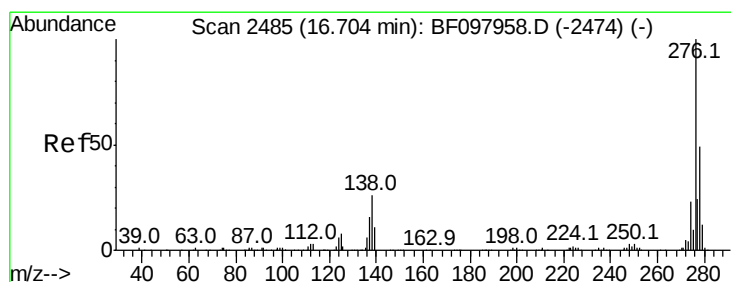
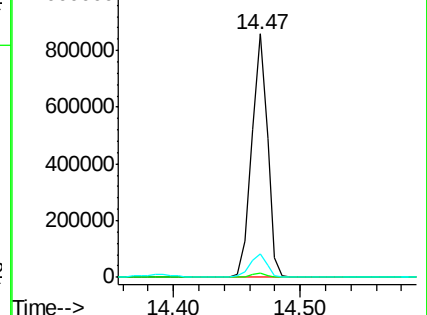
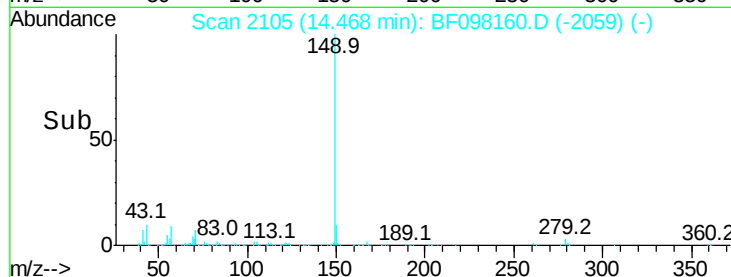
149 100

167 1.6 1.2 1.8

43 9.7 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.578 ng

RT: 16.65 min Scan# 2476

Delta R.T. -0.04 min

Lab File: BF098160.D

Acq: 30 Aug 2017 17:16

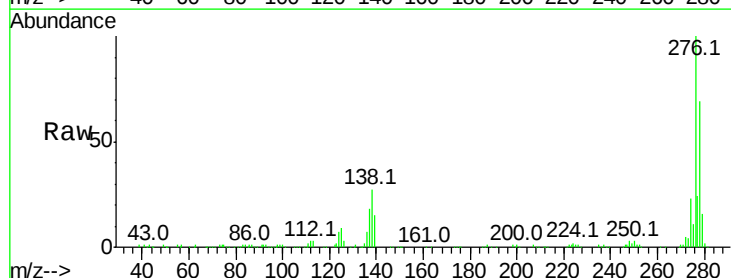
Tgt Ion:276 Resp: 438606

Ion Ratio Lower Upper

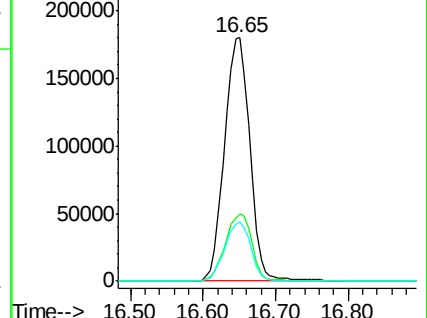
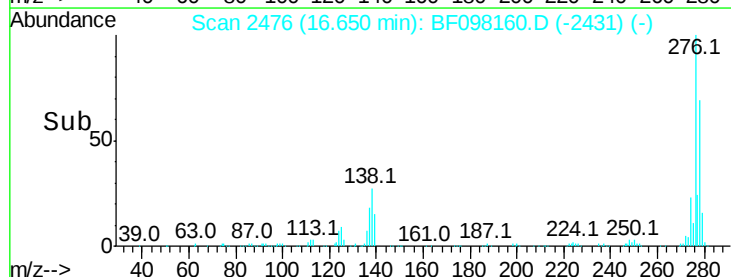
276 100

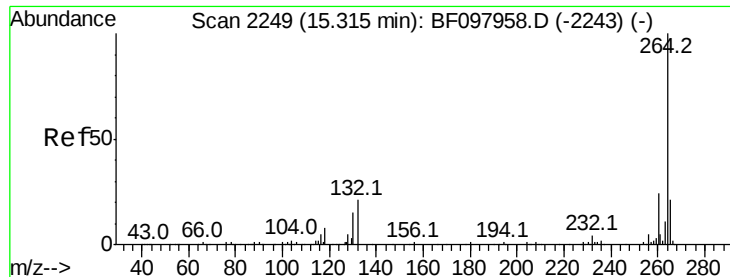
138 29.0 27.8 41.6

277 24.7 20.2 30.4



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

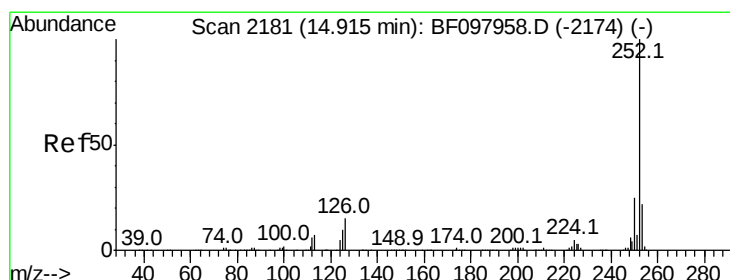
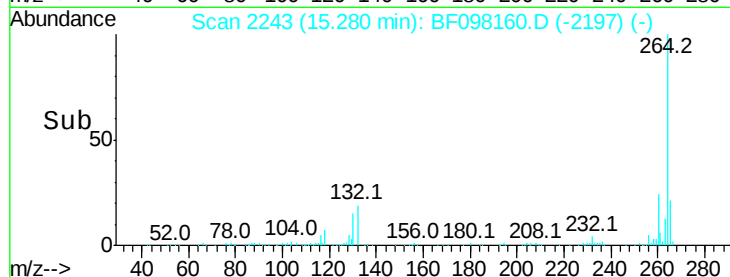
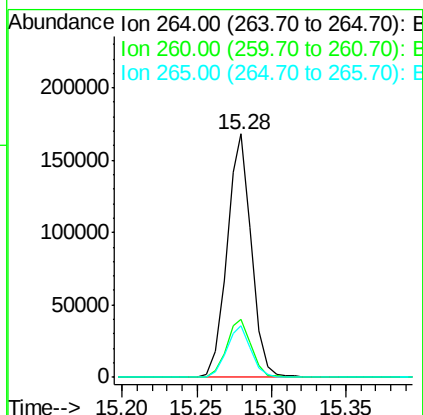
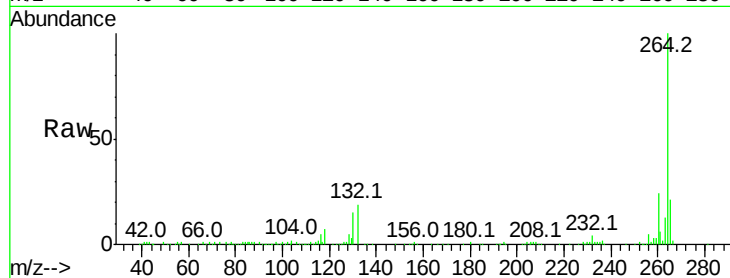




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

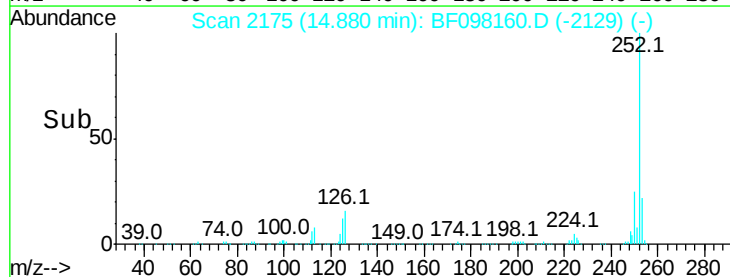
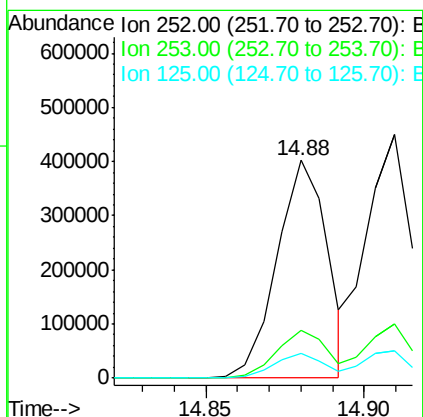
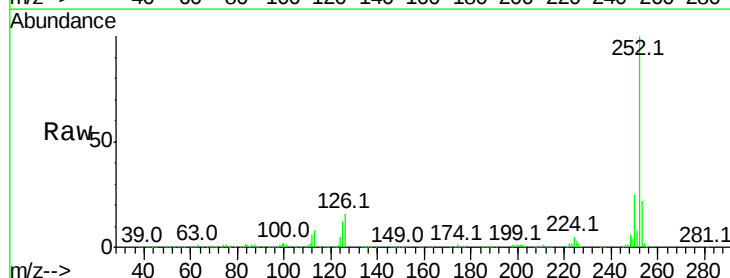
Instrument :
BNA_F
ClientSampleId :

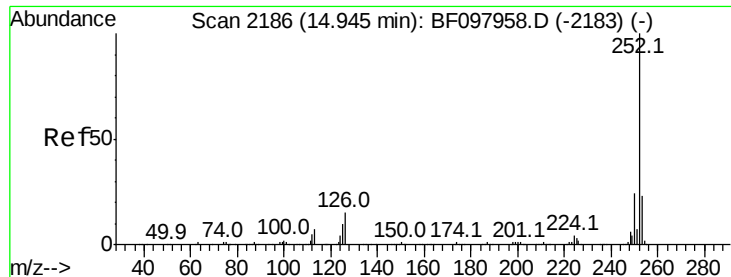
Tot Ion:264 Resp: 193099
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 36.566 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion:252 Resp: 445069
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 11.6 9.8 14.8

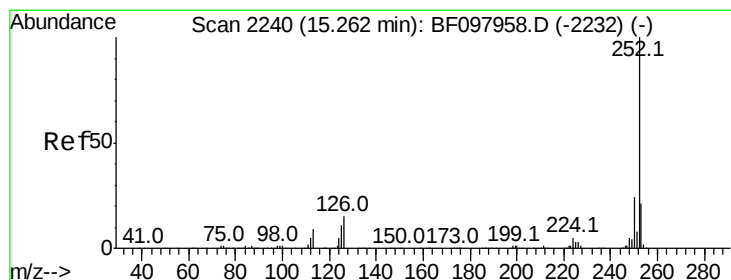
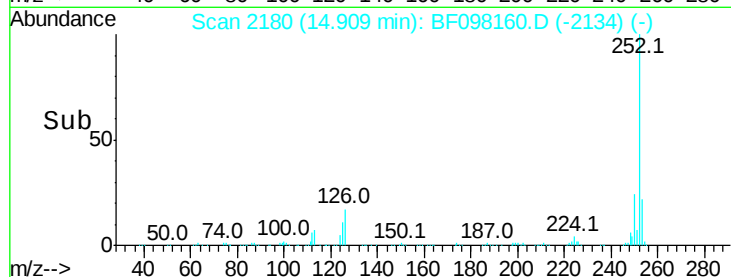
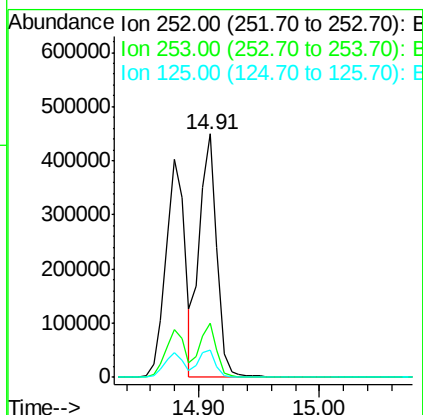
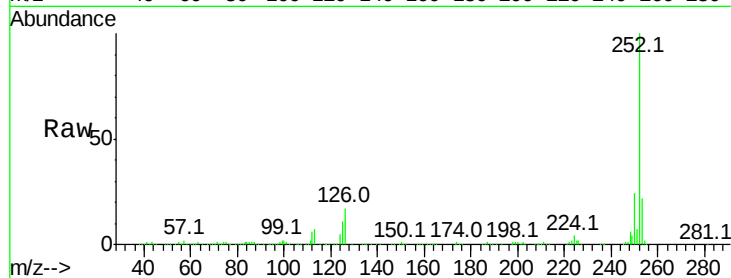




#88
Benzo(k)fluoranthene
Concen: 39.502 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

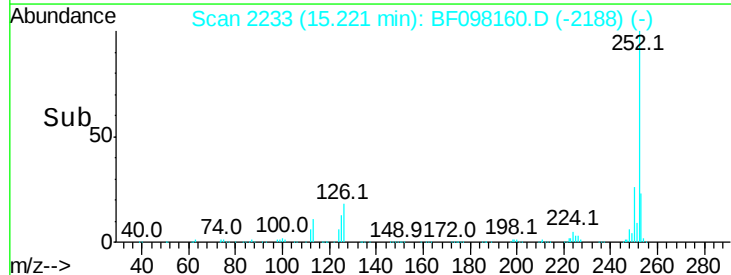
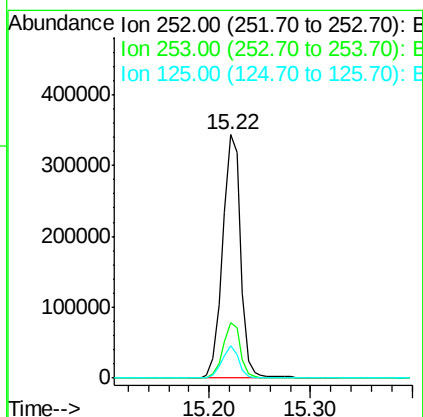
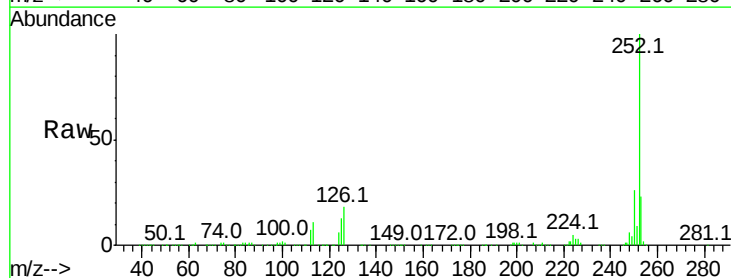
Instrument :
BNA_F
ClientSampleId :

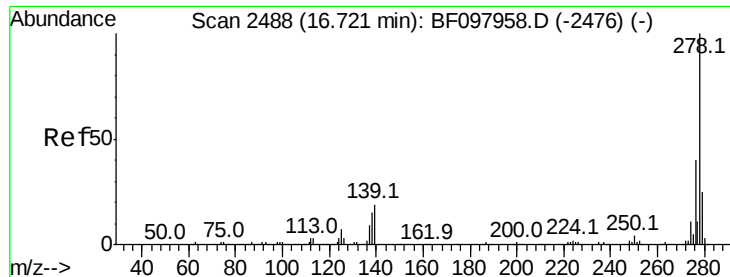
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	11.0	13.1	19.7



#89
Benzo(a)pyrene
Concen: 39.526 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	13.3	11.0	16.4

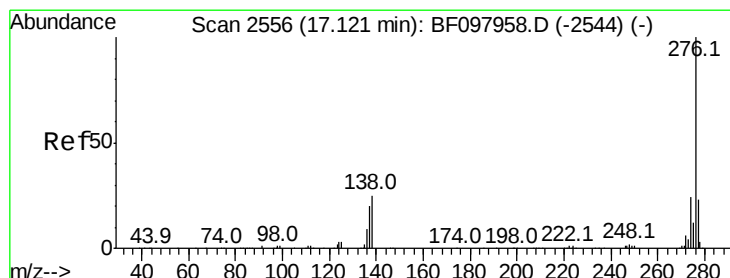
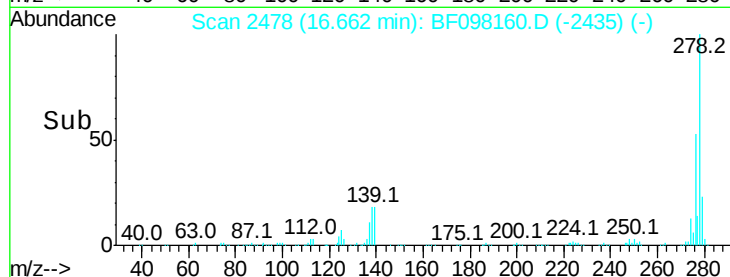
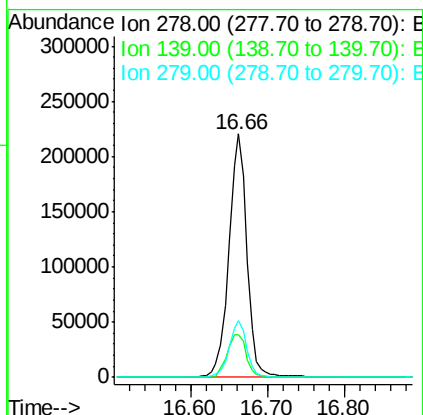
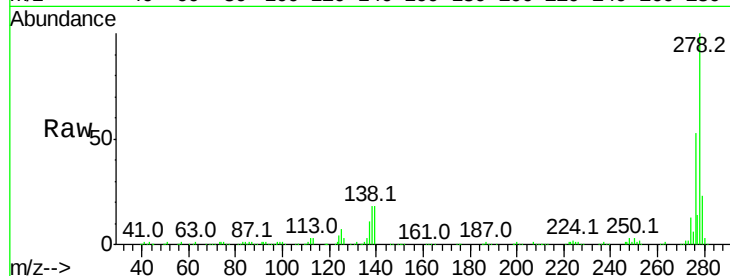




#90
Dibenzo(a,h)anthracene
Concen: 41.400 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.05 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 363175
Ion Ratio Lower Upper
278 100
139 17.7 16.6 24.8
279 23.3 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 40.511 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.05 min
Lab File: BF098160.D
Acq: 30 Aug 2017 17:16

Tgt Ion:276 Resp: 370809
Ion Ratio Lower Upper
276 100
277 23.8 18.6 28.0
138 23.7 25.4 38.0#

