

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098171.D
 Acq On : 30 Aug 2017 22:26
 Operator : SJ/JU
 Sample : I4980-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 06:47:28 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	123236	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	477948	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	194395	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	304870	20.00	ng	-0.02
75) Chrysene-d12	13.89	240	206014	20.00	ng	-0.01
86) Perylene-d12	15.32	264	189382	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	997824	123.16	ng	-0.01
7) Phenol-d6	6.37	99	1357271	123.30	ng	-0.01
23) Nitrobenzene-d5	7.30	82	834298	94.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	203813	120.84	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1157639	87.49	ng	-0.02
78) Terphenyl-d14	12.83	244	720502	72.93	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	150586	33.327	ng	# 87
3) Pyridine	3.14	79	456893	36.578	ng	# 84
4) n-Nitrosodimethylamine	3.09	42	170352	35.444	ng	# 66
6) Aniline	6.39	93	481406	31.130	ng	# 1
8) 2-Chlorophenol	6.52	128	364422	42.651	ng	99
9) Benzaldehyde	6.27	77	181979	26.099	ng	92
10) Phenol	6.39	94	560677	43.549	ng	99
11) bis(2-Chloroethyl)ether	6.47	93	410918	42.287	ng	95
12) 1,3-Dichlorobenzene	6.67	146	364316	39.640	ng	97
13) 1,4-Dichlorobenzene	6.75	146	368237	39.395	ng	94
14) 1,2-Dichlorobenzene	6.90	146	342333	39.719	ng	99
15) Benzyl Alcohol	6.87	79	336399	40.817	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	515068	39.396	ng	85
17) 2-Methylphenol	6.99	107	326109	43.310	ng	95
18) Hexachloroethane	7.23	117	140163	38.246	ng	# 79
19) n-Nitroso-di-n-propylamine	7.15	70	286356	38.000	ng	# 88
20) 3+4-Methylphenols	7.15	107	389867	42.392	ng	93
22) Acetophenone	7.14	105	523390	41.453	ng	# 89
24) Nitrobenzene	7.32	77	451506	46.091	ng	97
25) Isophorone	7.55	82	803204	43.905	ng	96
26) 2-Nitrophenol	7.63	139	170407	48.013	ng	# 85
27) 2,4-Dimethylphenol	7.67	122	326922	42.849	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	521395	43.351	ng	98
29) 2,4-Dichlorophenol	7.87	162	281191	44.398	ng	95
30) 1,2,4-Trichlorobenzene	7.95	180	291021	41.450	ng	98
31) Naphthalene	8.03	128	1015668	40.933	ng	100
32) Benzoic acid	7.75	122	16565	8.987	ng	92
33) 4-Chloroaniline	8.09	127	312610	29.873	ng	98
34) Hexachlorobutadiene	8.15	225	163508	39.887	ng	96
35) Caprolactam	8.46	113	65230	30.296	ng	88
36) 4-Chloro-3-methylphenol	8.57	107	326436	40.116	ng	# 81
37) 2-Methylnaphthalene	8.72	142	647809	42.584	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	260284	43.628	ng	99
40) Hexachlorocyclopentadiene	8.87	237	111404	38.870	ng	99

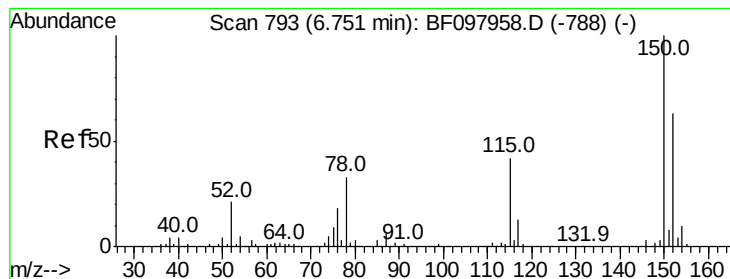
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	175657	43.855	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	174685	43.961	nq	96
45) 1,1'-Biphenyl	9.19	154	750149	42.317	nq	96
46) 2-Chloronaphthalene	9.21	162	546416	41.717	nq	# 92
47) 2-Nitroaniline	9.31	65	219284	49.939	nq	97
48) Acenaphthylene	9.62	152	854793	41.558	nq	100
49) Dimethylphthalate	9.49	163	848687	59.726	nq	100
50) 2,6-Dinitrotoluene	9.55	165	140730	49.616	nq	# 57
51) Acenaphthene	9.80	154	500289	38.566	nq	99
52) 3-Nitroaniline	9.72	138	135166	36.936	nq	93
53) 2,4-Dinitrophenol	9.83	184	7386	14.922	nq	# 78
54) Dibenzofuran	9.97	168	749796	43.127	nq	98
55) 4-Nitrophenol	9.89	139	194620	66.668	nq	# 52
56) 2,4-Dinitrotoluene	9.96	165	159211	44.728	nq	# 69
57) Fluorene	10.31	166	533009	39.653	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.09	232	127872	41.564	nq	92
59) Diethylphthalate	10.19	149	628985	42.328	nq	100
60) 4-Chlorophenyl-phenylether	10.30	204	255726	40.951	nq	# 84
61) 4-Nitroaniline	10.33	138	141451	40.669	nq	81
62) Azobenzene	10.46	77	699163	39.610	nq	93
64) 4,6-Dinitro-2-methylphenol	10.36	198	8768	13.366	nq	# 77
65) n-Nitrosodiphenylamine	10.42	169	491435	47.337	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	149652	47.270	nq	92
67) Hexachlorobenzene	10.86	284	139765	43.313	nq	# 89
68) Atrazine	10.96	200	133514	48.494	nq	96
69) Pentachlorophenol	11.05	266	131851	70.080	nq	98
70) Phenanthrene	11.27	178	703904	43.329	nq	99
71) Anthracene	11.32	178	702009	42.604	nq	99
72) Carbazole	11.47	167	655076	41.883	nq	98
73) Di-n-butylphthalate	11.81	149	794371	44.093	nq	100
74) Fluoranthene	12.46	202	673258	39.705	nq	100
77) Pyrene	12.69	202	677652	40.218	nq	98
79) Butylbenzylphthalate	13.31	149	281204	43.529	nq	# 78
80) Benzo(a)anthracene	13.87	228	506554	41.026	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	52086	12.501	nq	99
82) Chrysene	13.91	228	498352	40.574	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	340805	47.608	nq	# 99
84) Di-n-octyl phthalate	14.49	149	578535	46.448	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	508310	56.256	nq	96
87) Benzo(b)fluoranthene	14.91	252	516922	43.303	nq	# 93
88) Benzo(k)fluoranthene	14.94	252	395150	35.234	nq	98
89) Benzo(a)pyrene	15.26	252	458270	43.365	nq	# 94
90) Dibenzo(a,h)anthracene	16.72	278	424251	49.312	nq	99
91) Benzo(g,h,i)perylene	17.12	276	422761	47.094	nq	94

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

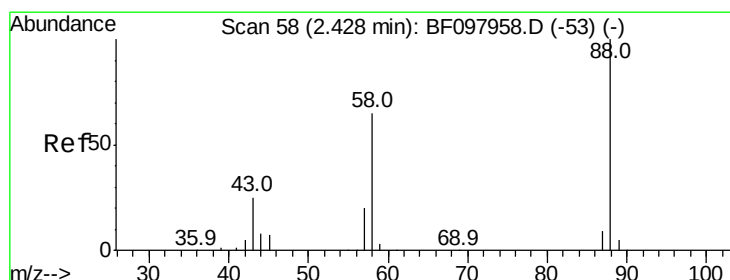
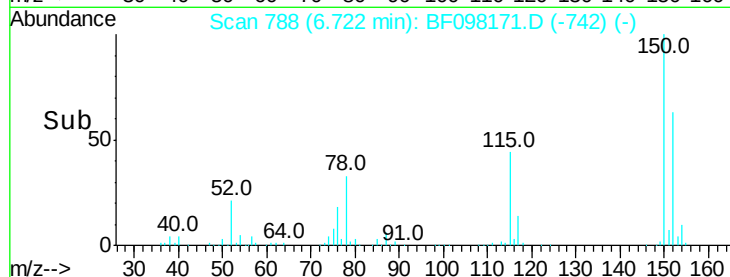
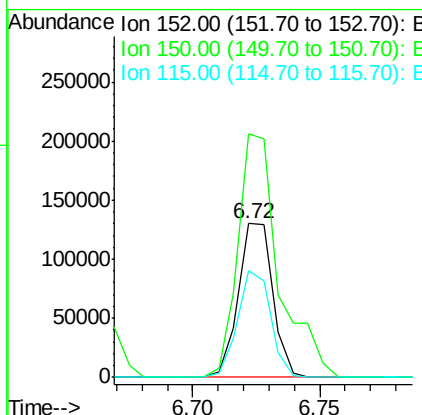
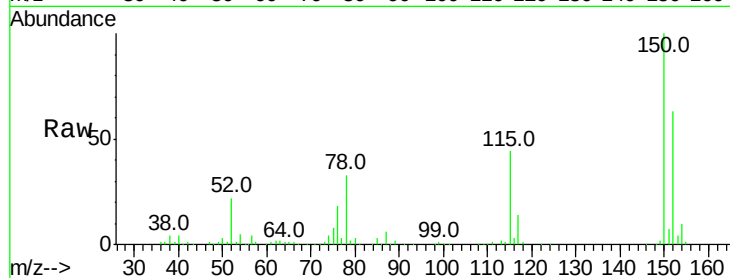


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

Instrument :
BNA_F
ClientSampled :

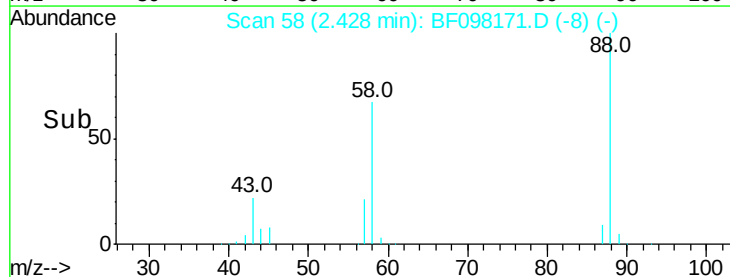
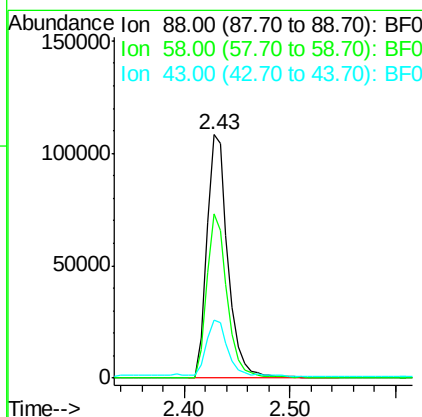
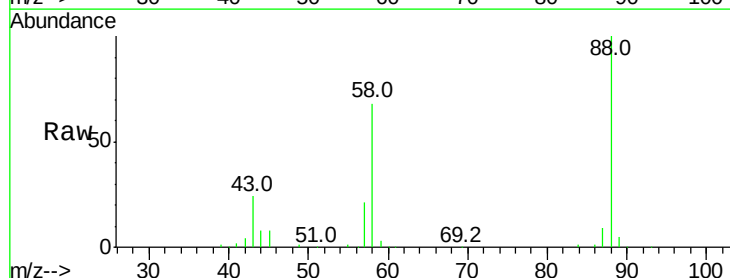
Tot Ion:152 Resp: 123236
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 69.7 52.2 78.2

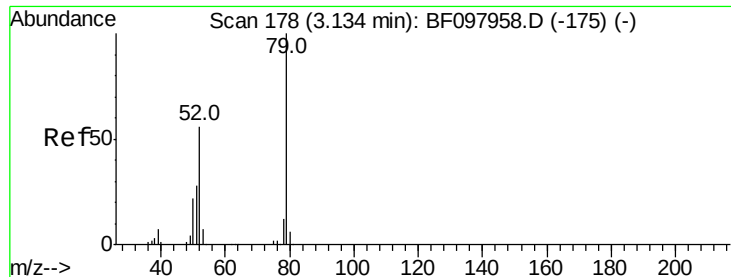


#2

1,4-Dioxane
Concen: 33.327 ng
RT: 2.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

Tgt Ion: 88 Resp: 150586
Ion Ratio Lower Upper
88 100
58 65.3 61.4 92.0
43 22.9 23.4 35.0#





#3

Pvridine

Concen: 36.578 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampled :

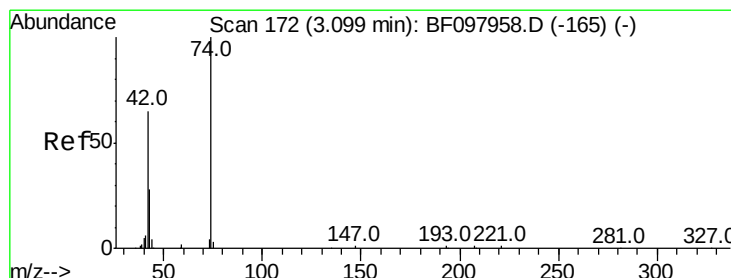
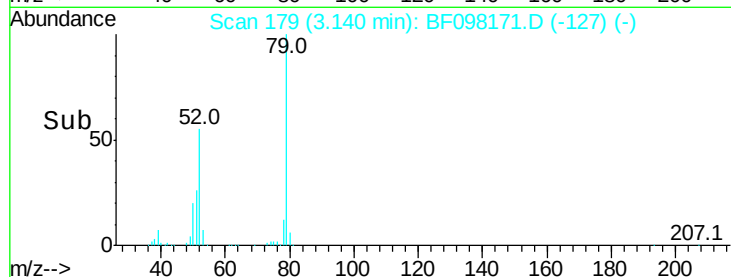
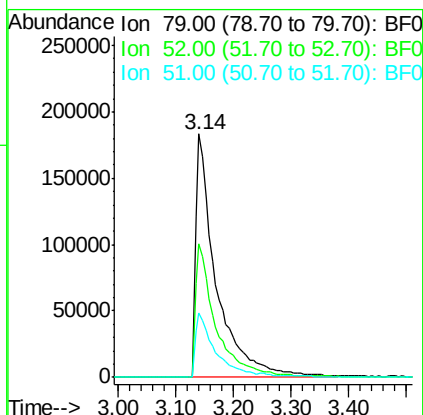
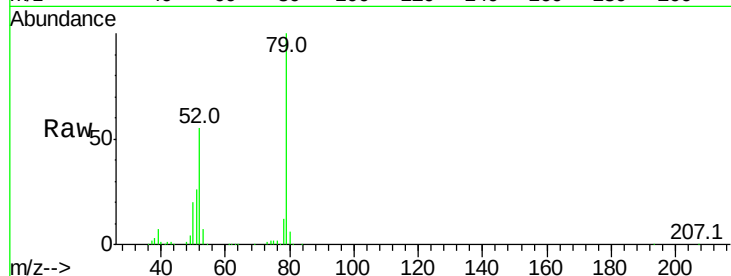
Tot Ion: 79 Resp: 456893

Ion Ratio Lower Upper

79 100

52 54.8 54.8 82.2#

51 26.2 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 35.444 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

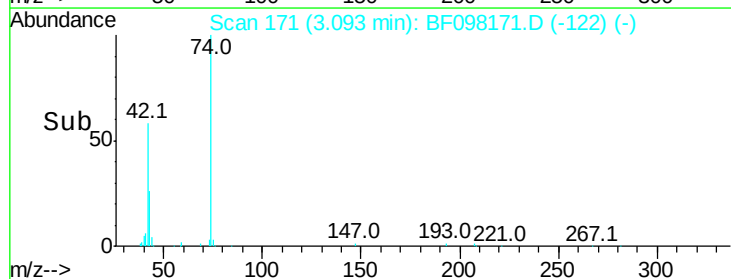
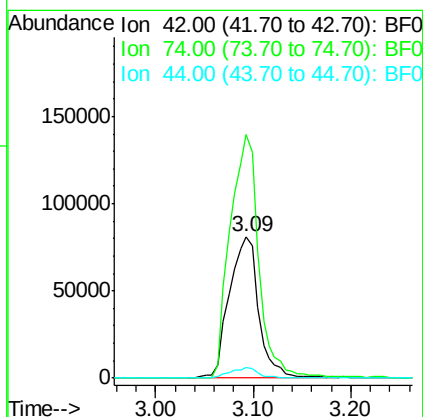
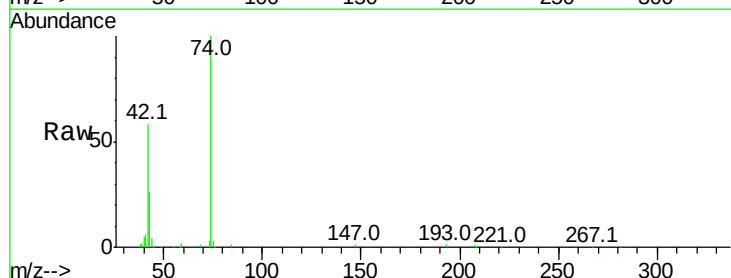
Tgt Ion: 42 Resp: 170352

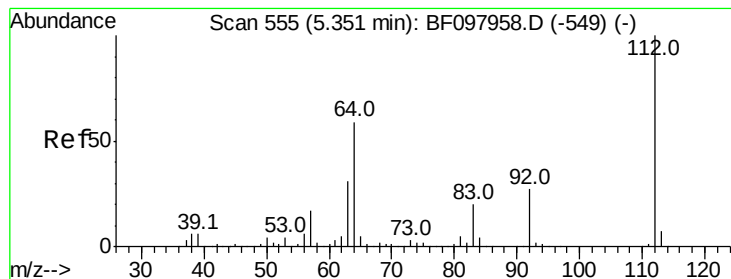
Ion Ratio Lower Upper

42 100

74 171.9 103.9 155.9#

44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 123.159 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

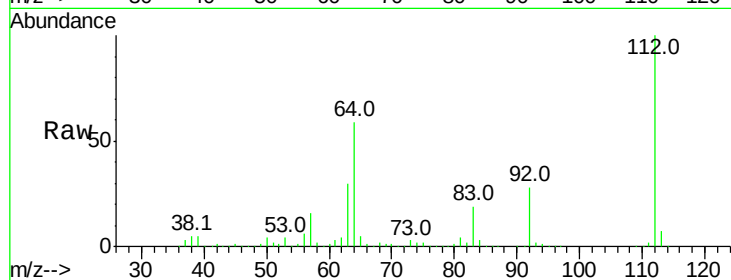
Tot Ion:112 Resp: 997824

Ion Ratio Lower Upper

112 100

64 59.4 46.0 69.0

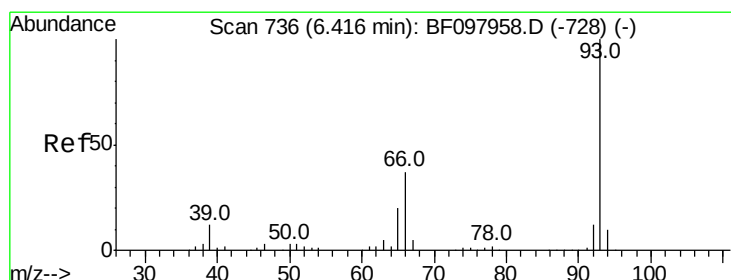
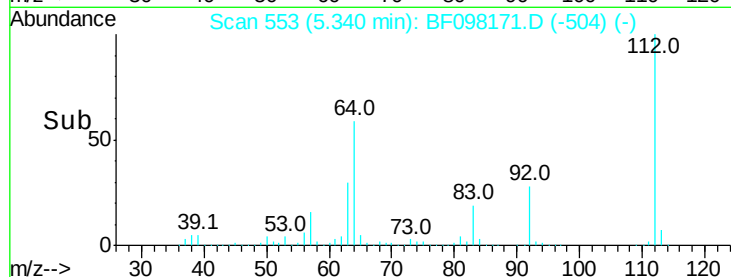
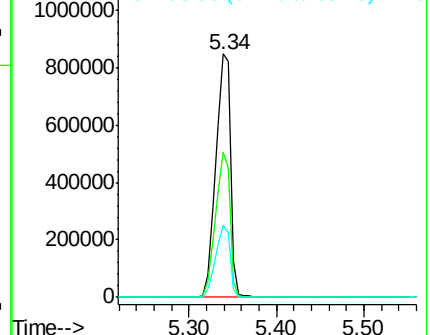
63 29.6 23.4 35.0



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: 31.130 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

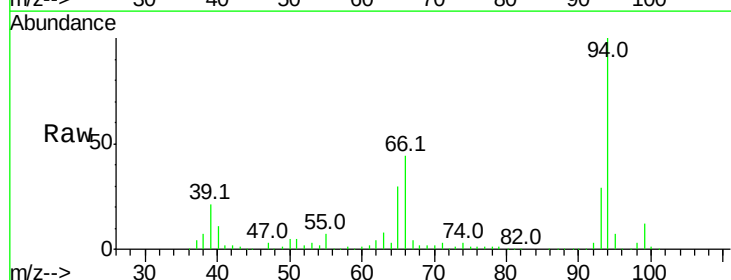
Tgt Ion: 93 Resp: 481406

Ion Ratio Lower Upper

93 100

66 148.4 32.9 49.3#

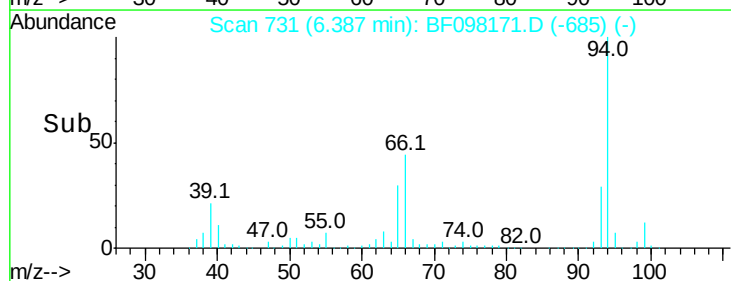
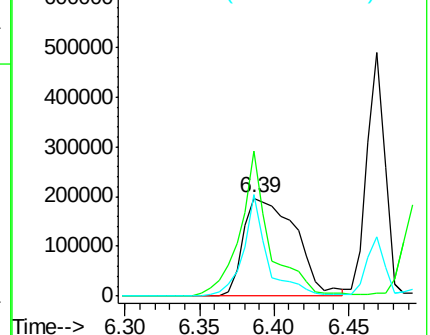
65 103.8 16.0 24.0#

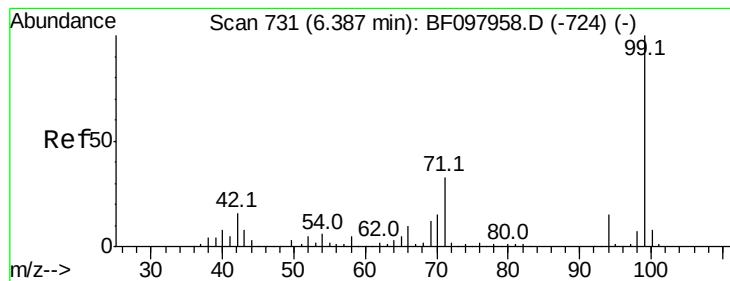


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.297 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

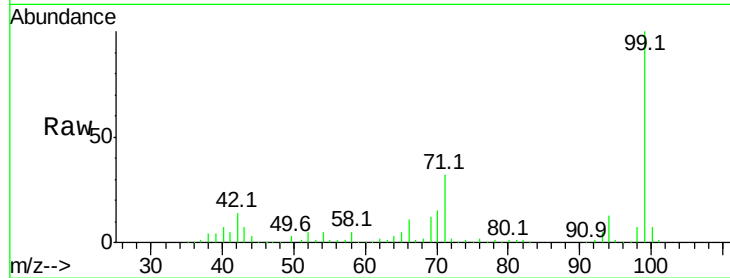
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1357271

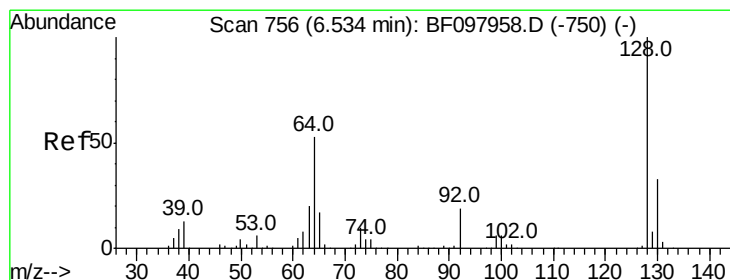
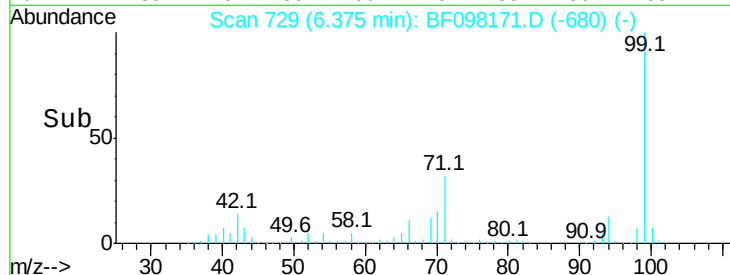
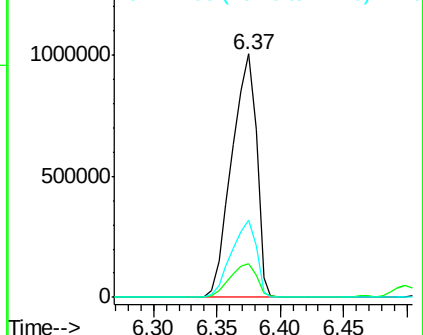
Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.5	20.3
71	31.9	24.5	36.7



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: 42.651 ng

RT: 6.52 min Scan# 753

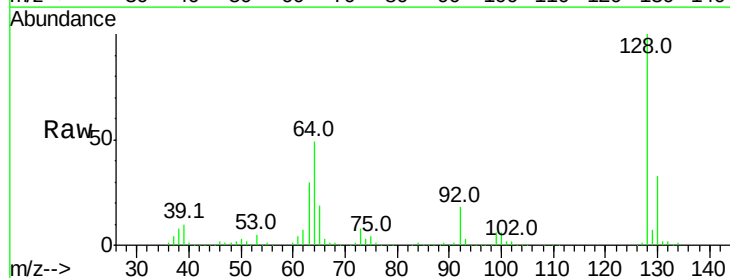
Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Tgt Ion: 128 Resp: 364422

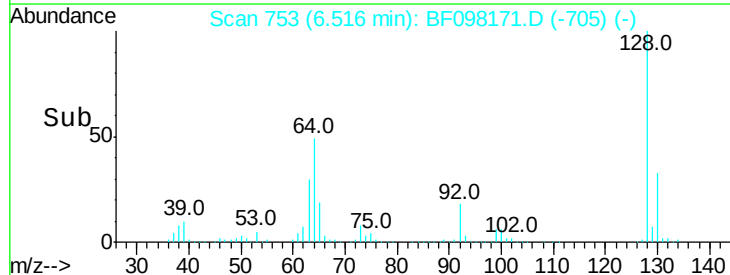
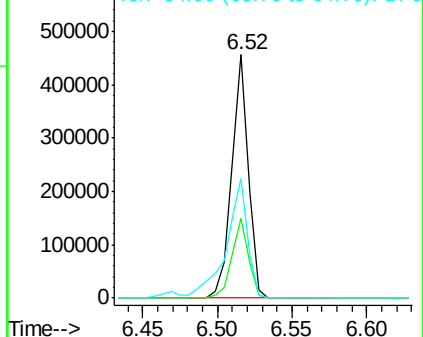
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	49.1	28.4	68.4

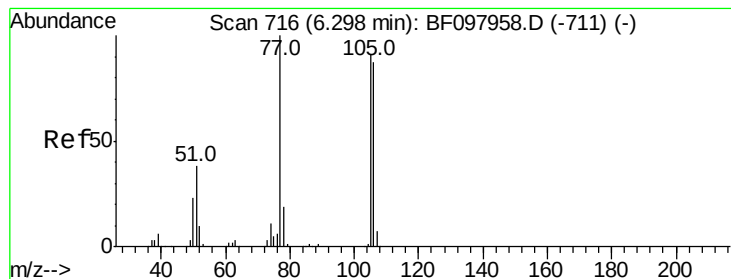


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.099 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

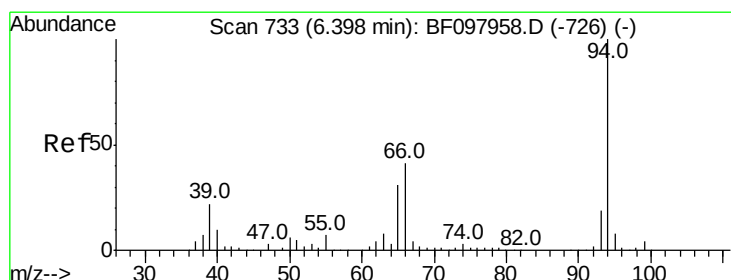
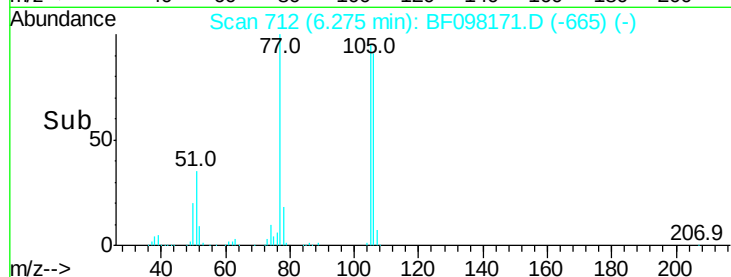
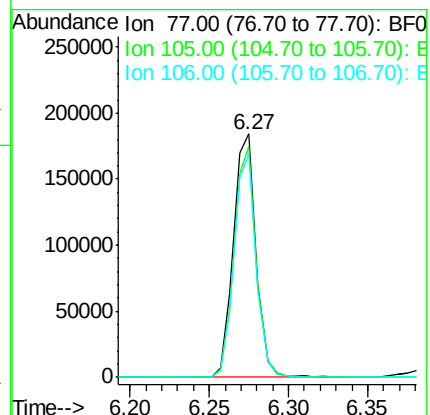
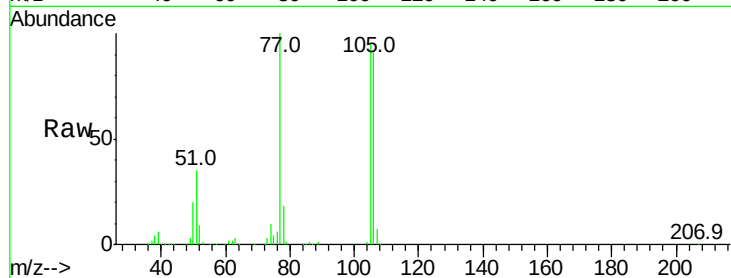
Tot Ion: 77 Resp: 181979

Ion Ratio Lower Upper

77 100

105 94.9 83.8 123.8

106 91.4 79.1 119.1



#10

Phenol

Concen: 43.549 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

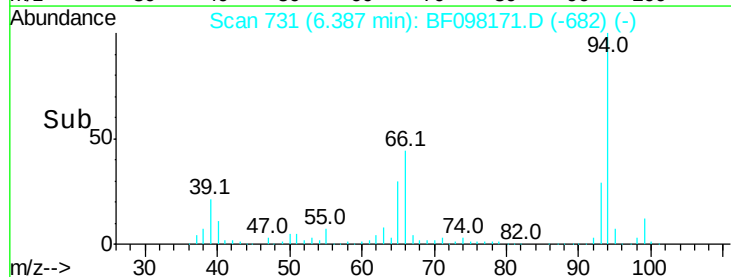
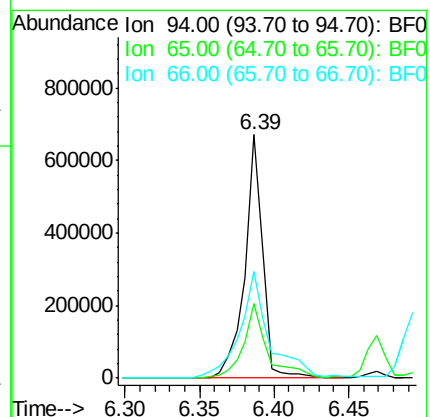
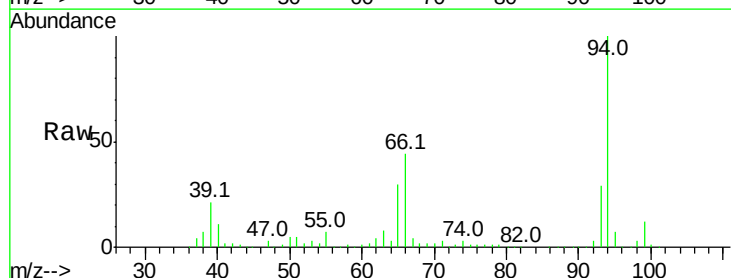
Tgt Ion: 94 Resp: 560677

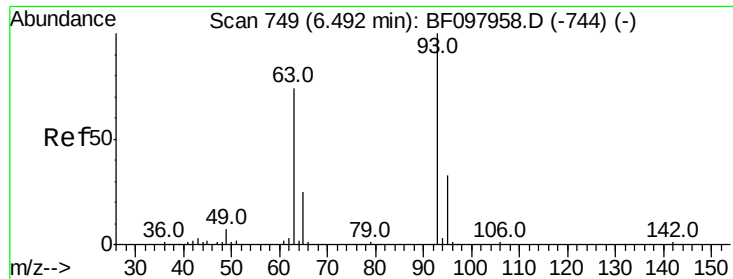
Ion Ratio Lower Upper

94 100

65 30.5 9.9 49.9

66 43.6 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 42.287 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

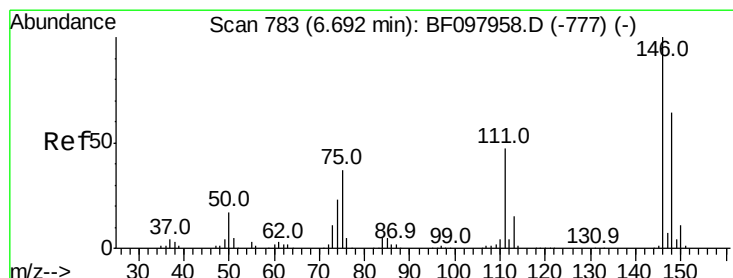
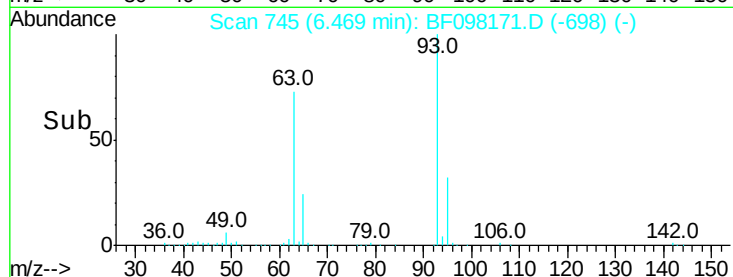
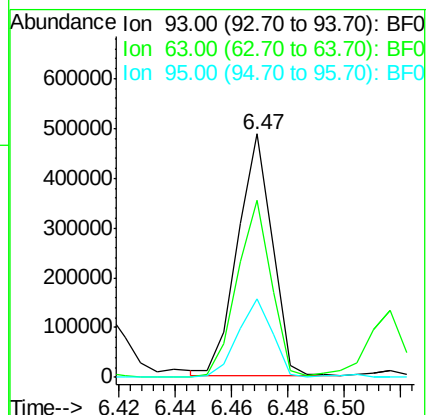
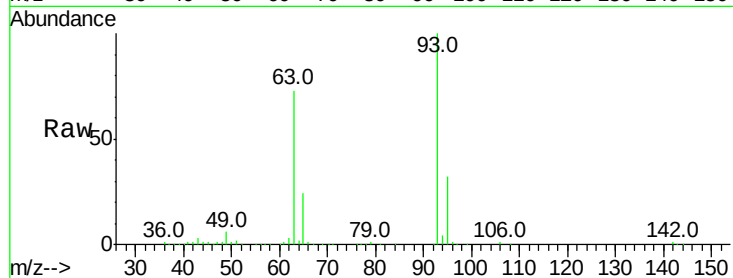
Tot Ion: 93 Resp: 410918

Ion Ratio Lower Upper

93 100

63 72.6 59.2 99.2

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.640 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

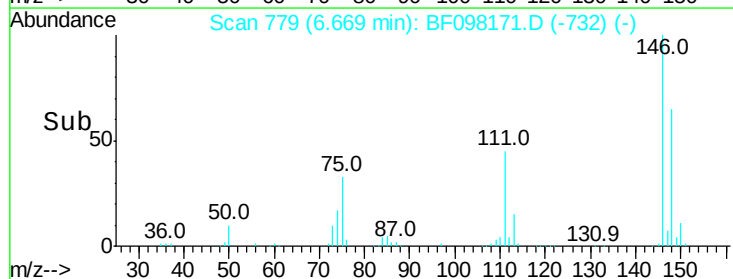
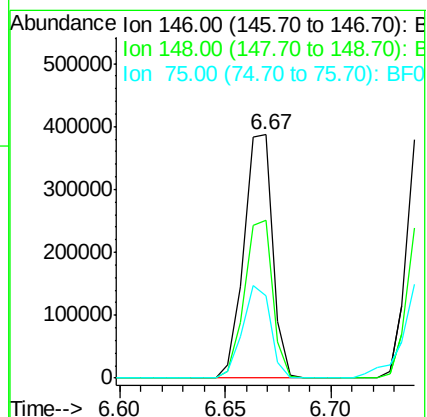
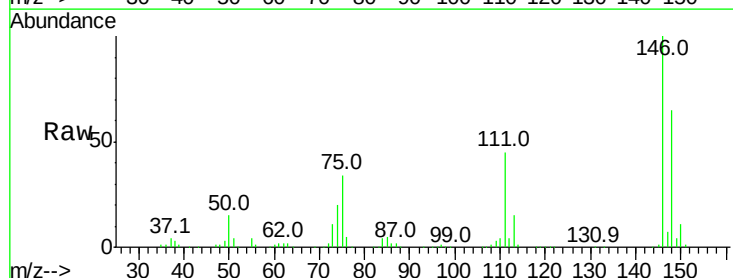
Tgt Ion: 146 Resp: 364316

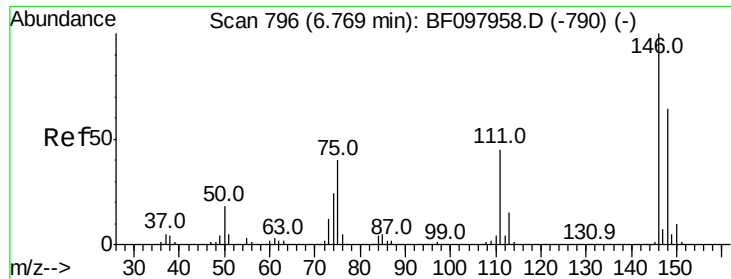
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

75 33.9 23.1 34.7

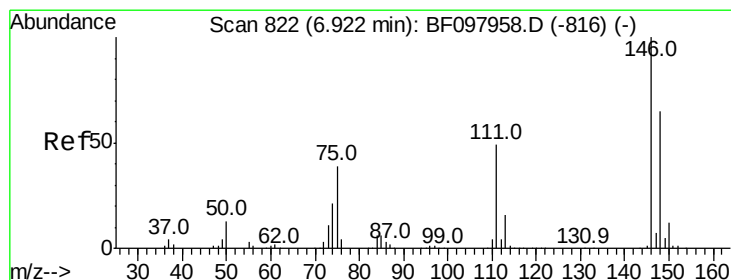
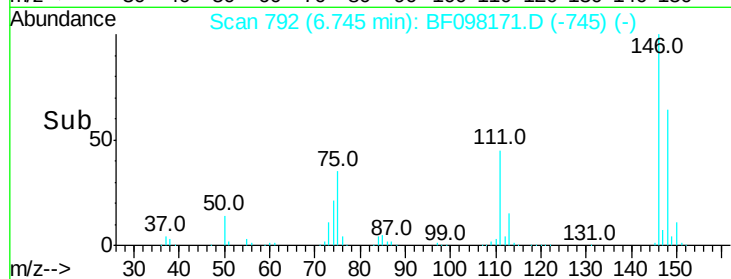
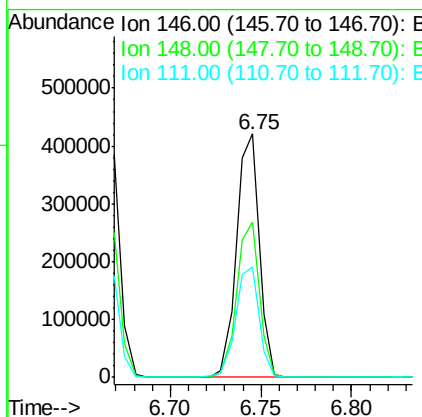
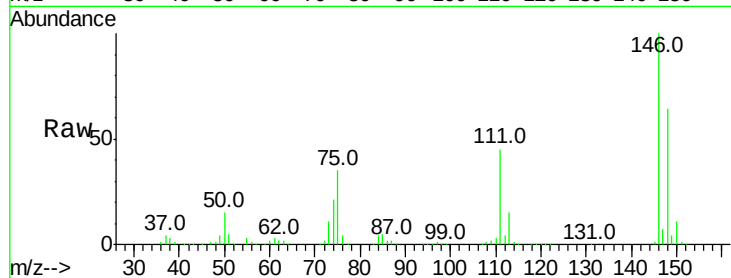




#13
 1,4-Dichlorobenzene
 Concen: 39.395 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

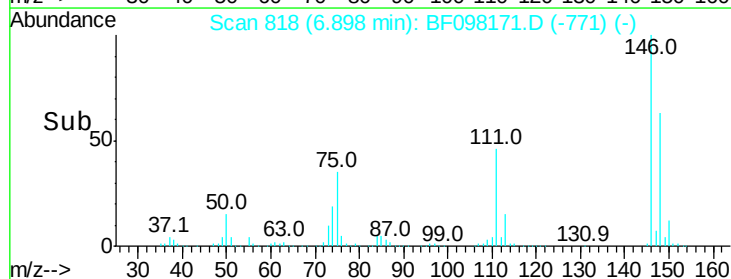
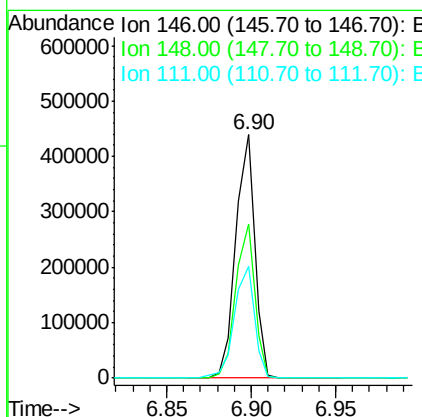
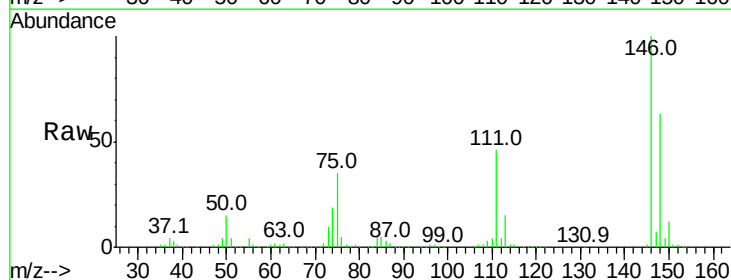
Instrument :
 BNA_F
 ClientSampled :

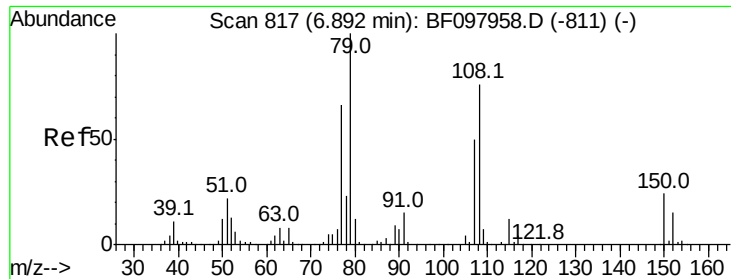
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	45.1	30.3	45.5



#14
 1,2-Dichlorobenzene
 Concen: 39.719 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
111	45.8	38.2	57.4

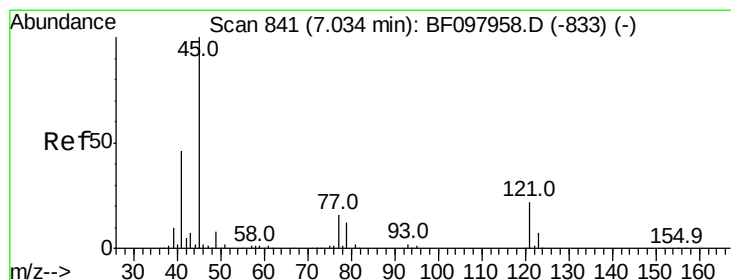
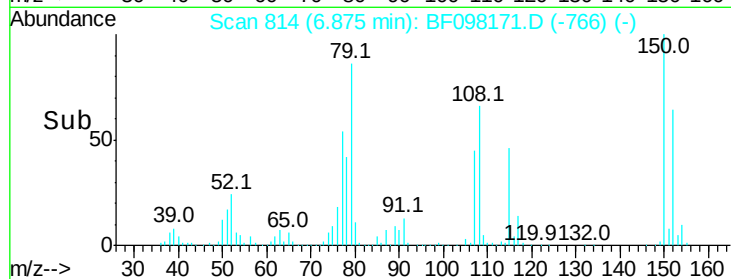
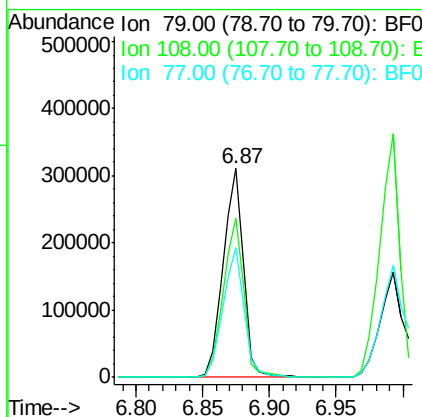
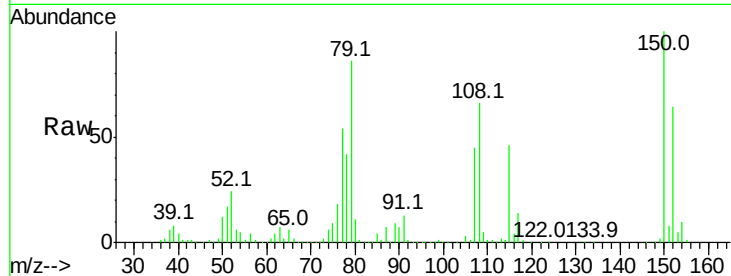




#15
Benzyl Alcohol
Concen: 40.817 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

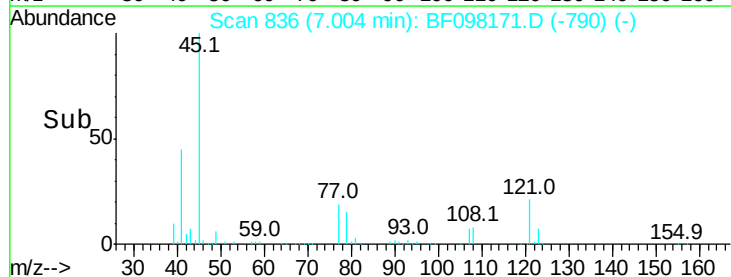
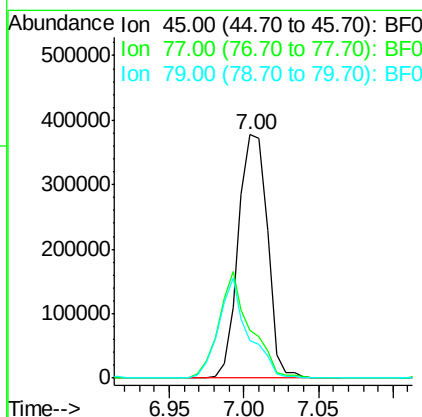
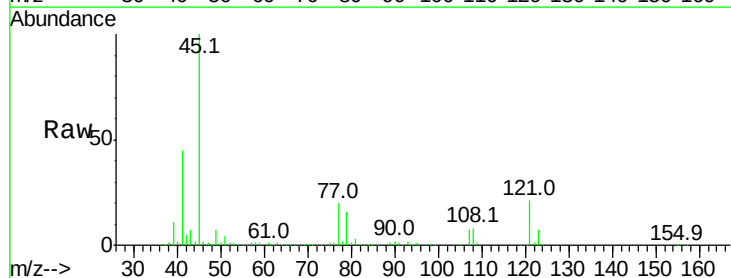
Instrument :
BNA_F
ClientSampled :

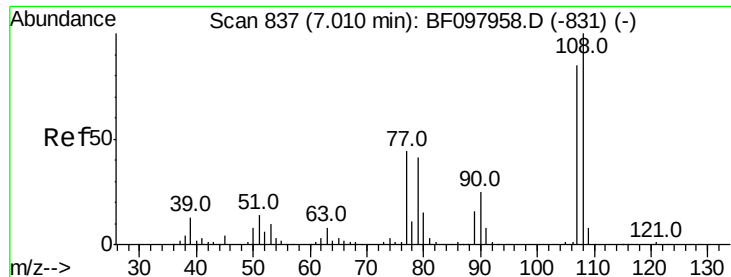
Tot Ion: 79 Resp: 336399
Ion Ratio Lower Upper
79 100
108 76.5 63.4 95.0
77 62.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.396 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.03 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

Tgt Ion: 45 Resp: 515068
Ion Ratio Lower Upper
45 100
77 19.6 0.0 33.2
79 15.5 0.0 30.0





#17

2-Methylphenol

Concen: 43.310 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 326109

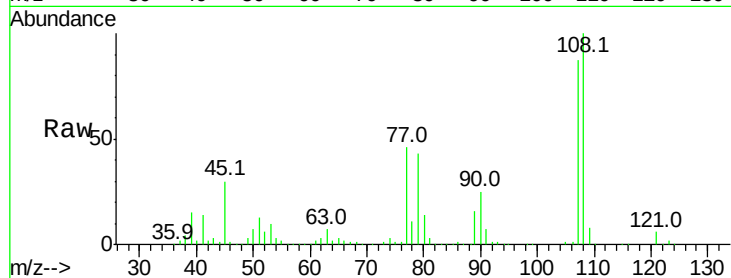
Ion Ratio Lower Upper

107 100

108 115.4 93.4 140.0

77 52.7 35.8 53.6

79 49.7 34.8 52.2



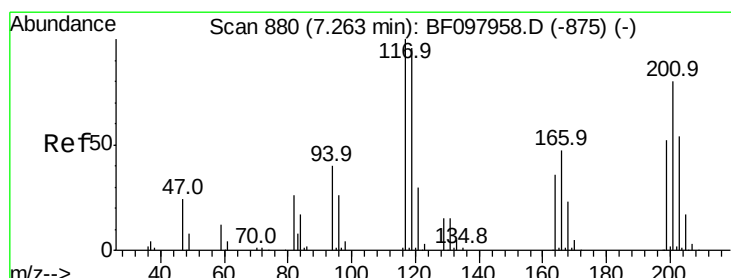
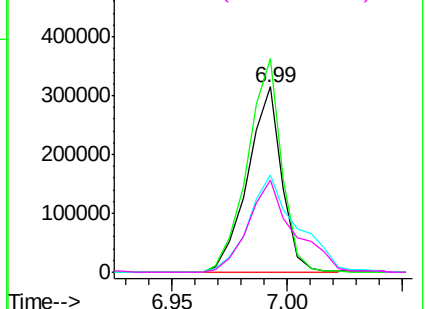
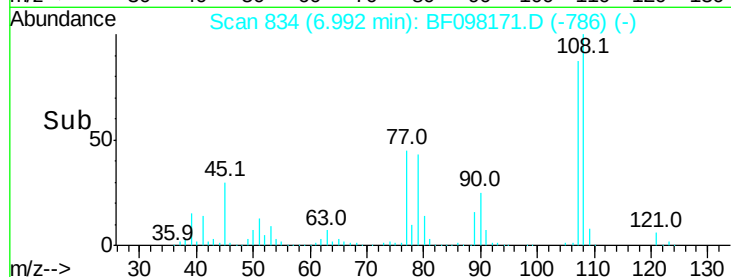
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.246 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

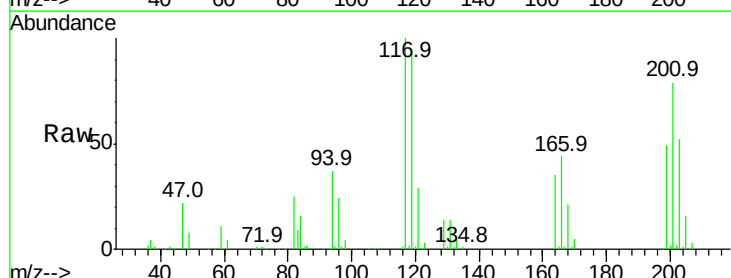
Tgt Ion:117 Resp: 140163

Ion Ratio Lower Upper

117 100

119 93.9 77.4 116.0

201 78.8 94.6 141.8#

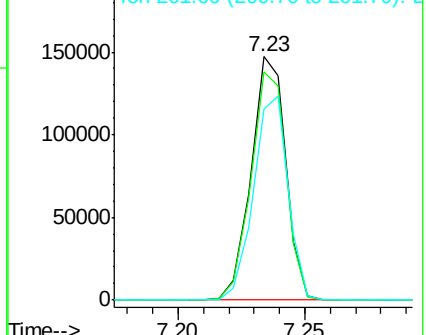
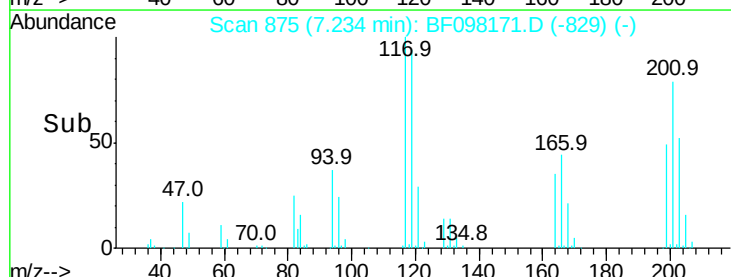


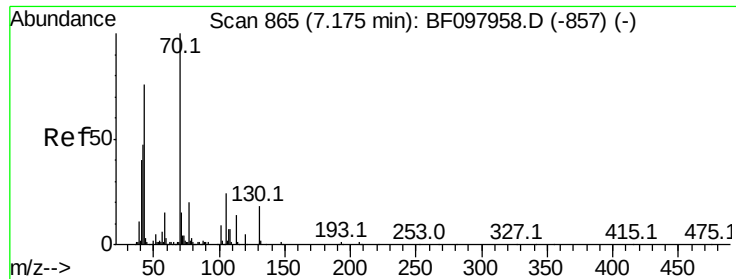
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.000 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF098171.D

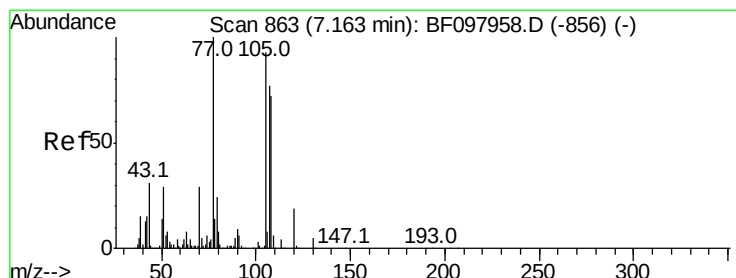
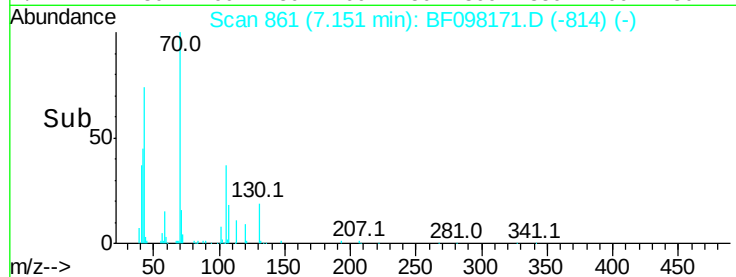
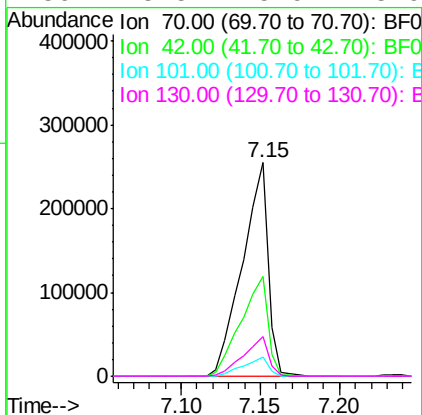
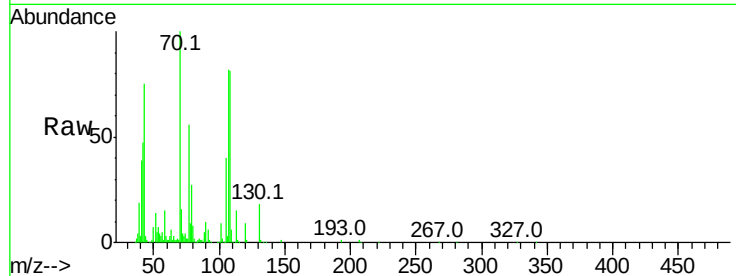
Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	286356
Ion	Ratio	Lower	Upper
70	100		
42	46.6	47.2	70.8#
101	8.8	7.2	10.8
130	18.5	15.9	23.9



#20

3+4-Methylphenols

Concen: 42.392 ng

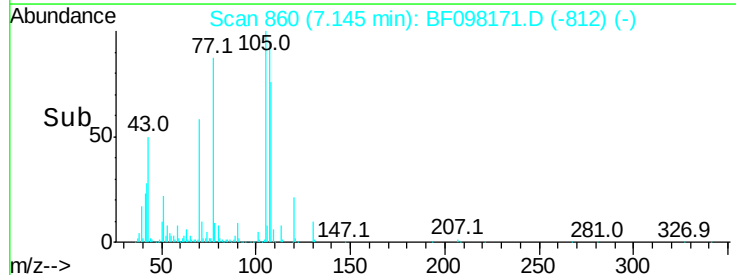
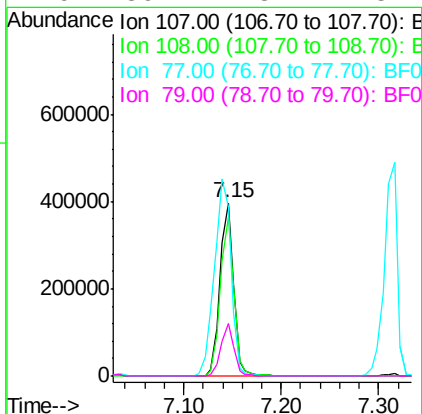
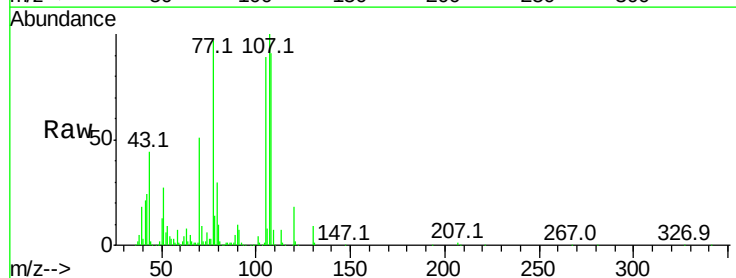
RT: 7.15 min Scan# 860

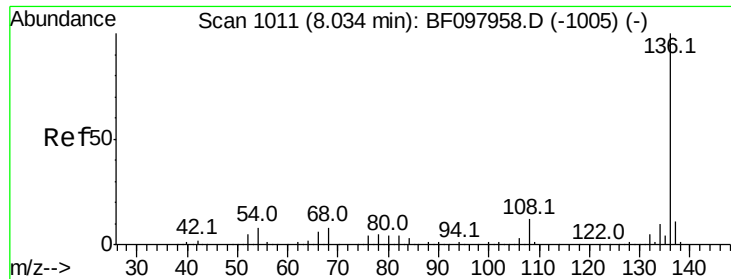
Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Tgt Ion:	107	Resp:	389867
Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.0	111.0
77	97.2	90.5	130.5
79	30.1	8.4	48.4

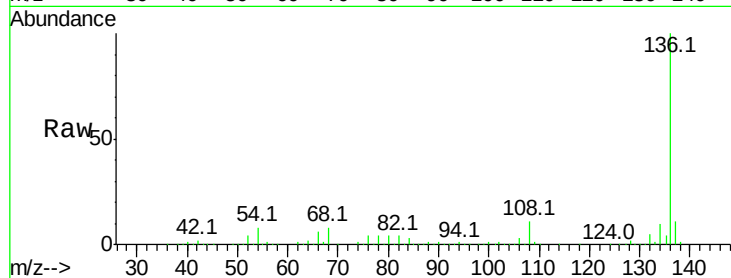




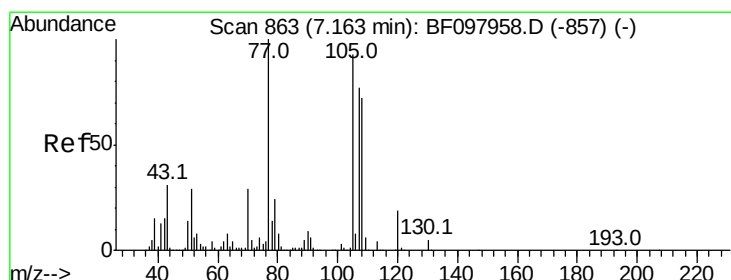
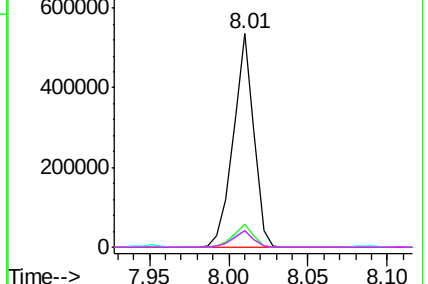
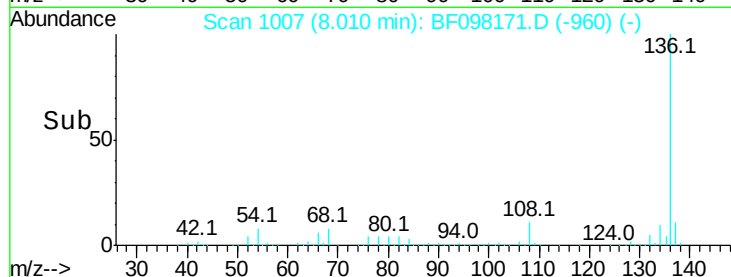
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	477948
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.7	4.9	7.3#
68	7.6	4.1	6.1#

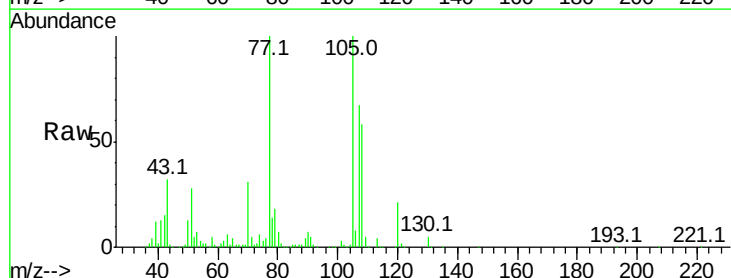


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

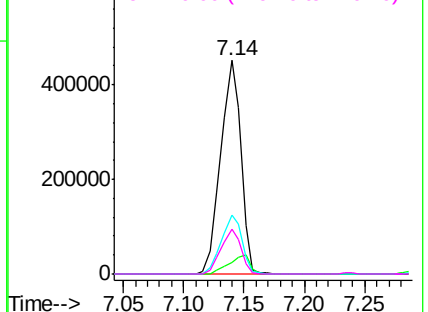
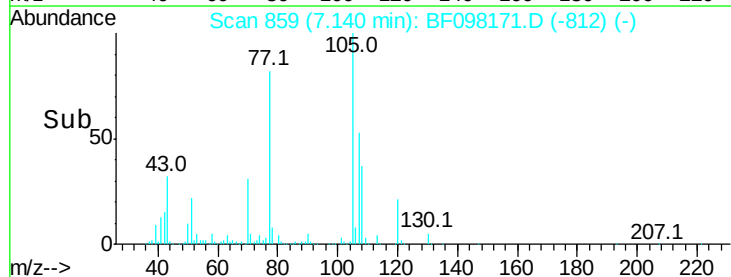


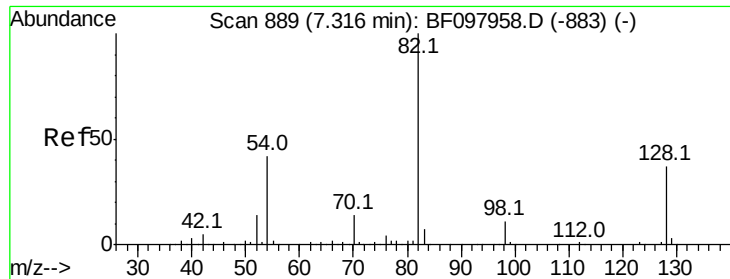
#22
Acetophenone
Concen: 41.453 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

Tgt Ion:	105	Resp:	523390
Ion	Ratio	Lower	Upper
105	100		
71	5.2	2.8	4.2#
51	27.9	30.7	46.1#
120	21.0	17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

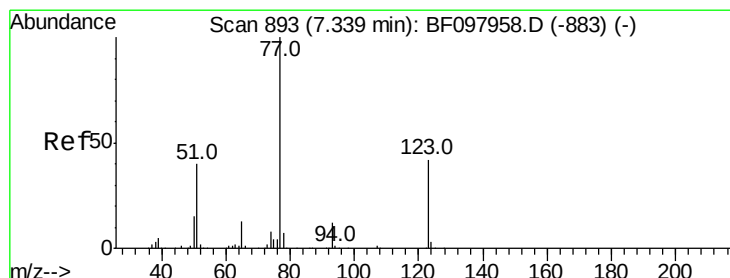
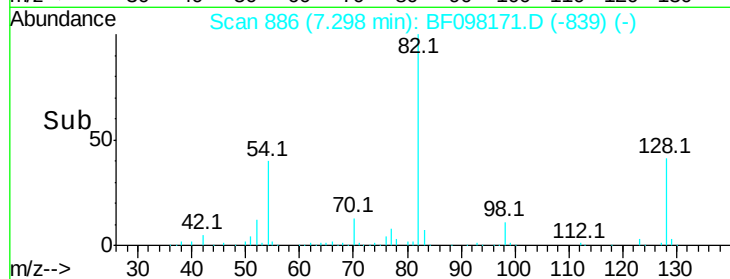
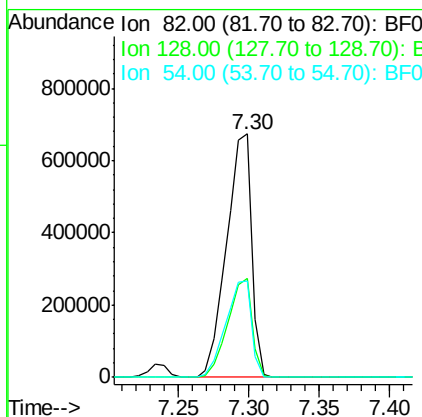
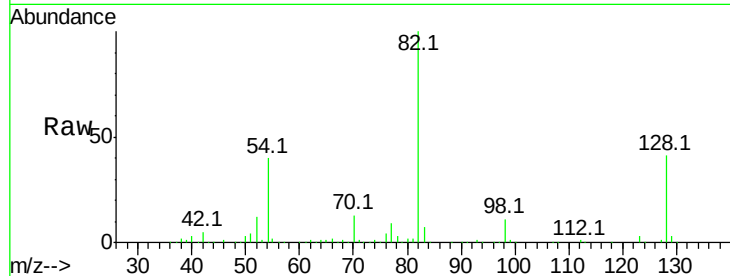




#23
 Nitrobenzene-d5
 Concen: 94.828 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

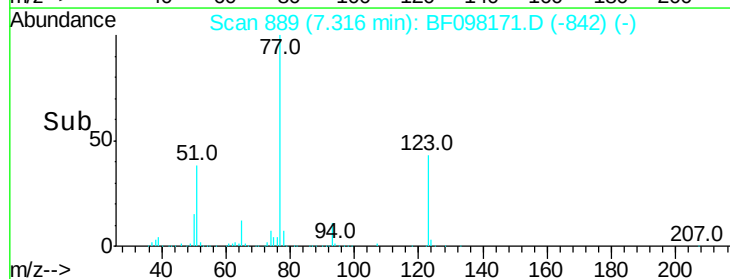
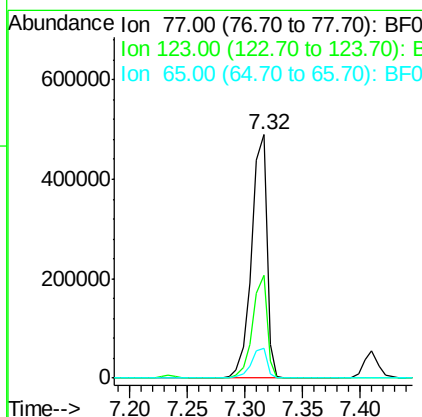
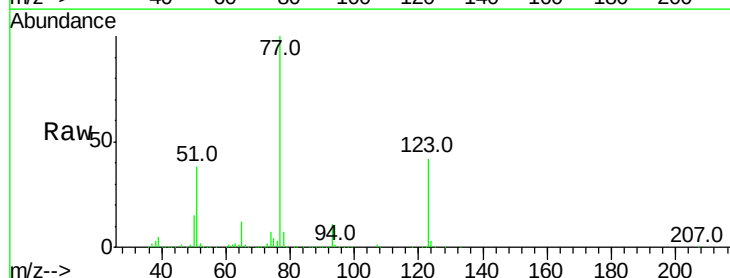
Instrument :
 BNA_F
 ClientSampled :

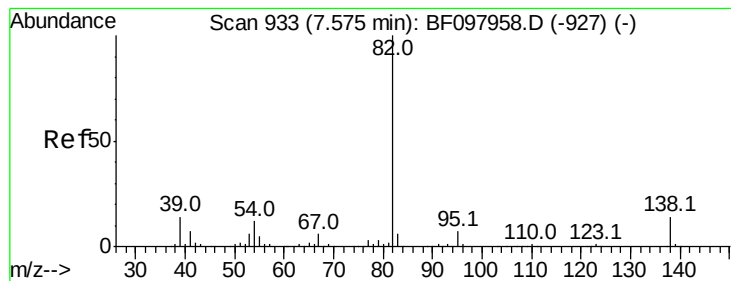
Tot Ion	82	Resp	834298
Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.0	51.0
54	39.5	42.2	63.2#



#24
 Nitrobenzene
 Concen: 46.091 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Tgt Ion	77	Resp	451506
Ion	Ratio	Lower	Upper
77	100		
123	42.4	35.8	53.8
65	12.2	10.6	15.8





#25

Isophorone

Concen: 43.905 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

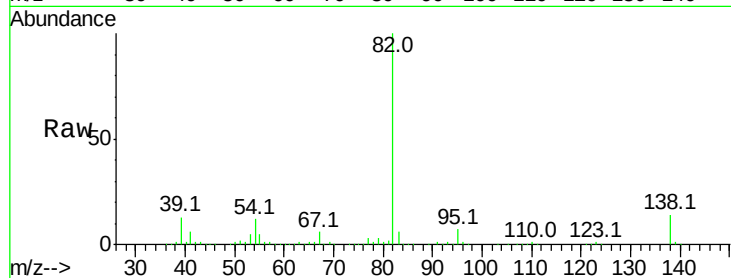
Tot Ion: 82 Resp: 803204

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

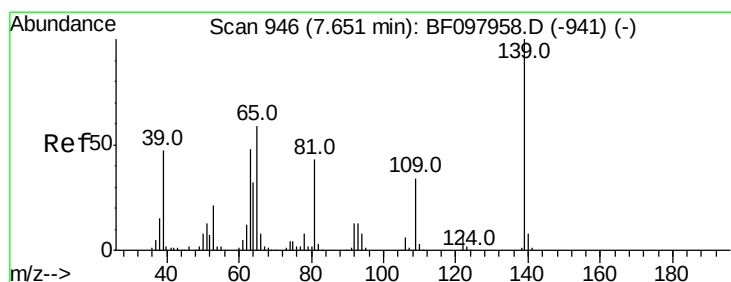
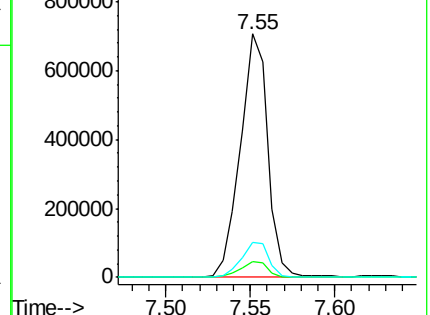
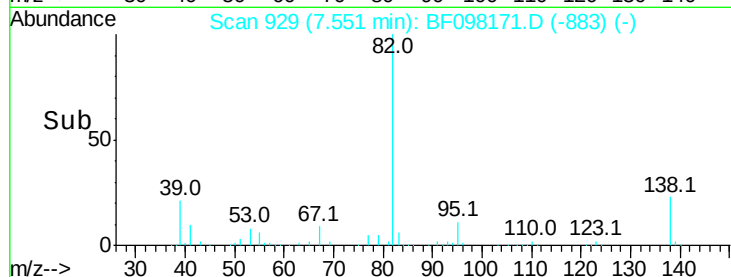
138 14.3 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.013 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

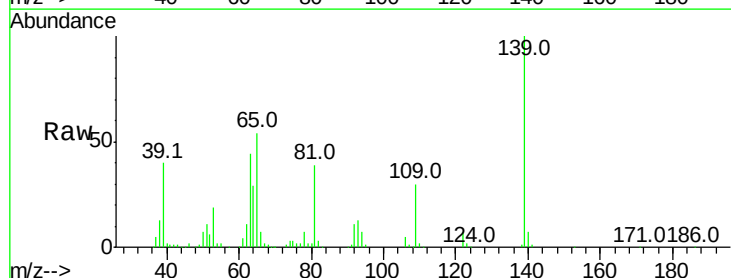
Tgt Ion: 139 Resp: 170407

Ion Ratio Lower Upper

139 100

109 30.2 21.0 31.6

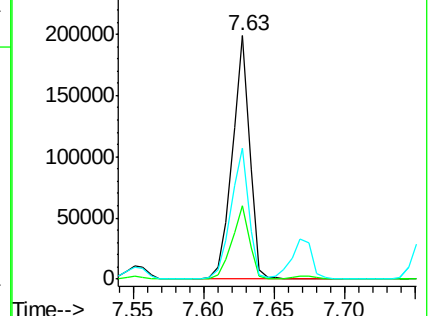
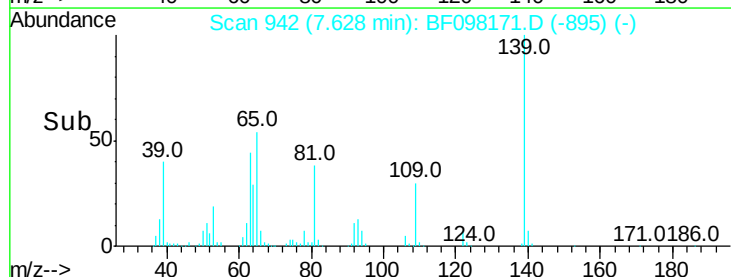
65 53.9 33.0 49.6#

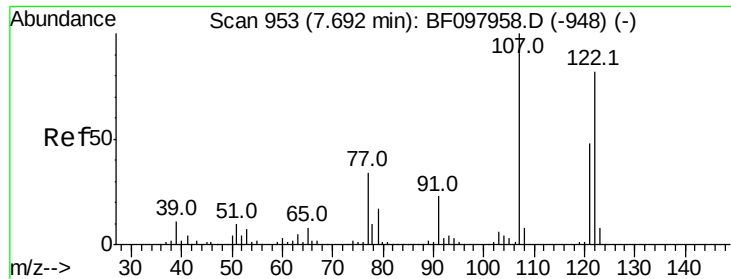


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

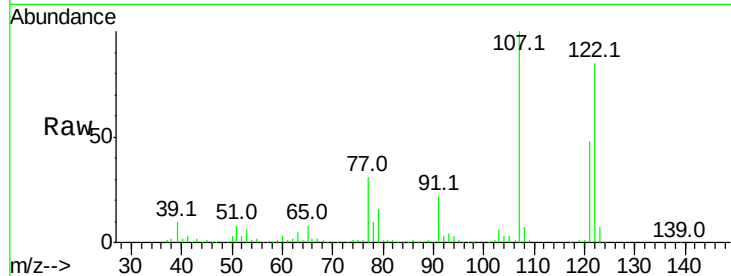




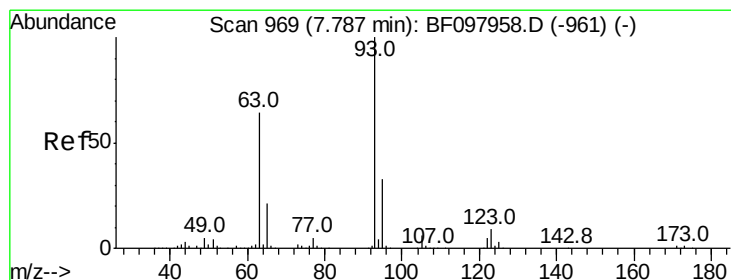
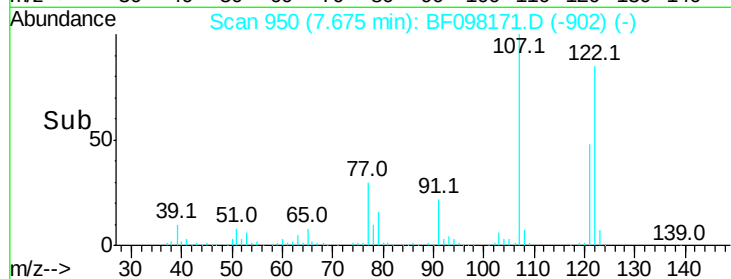
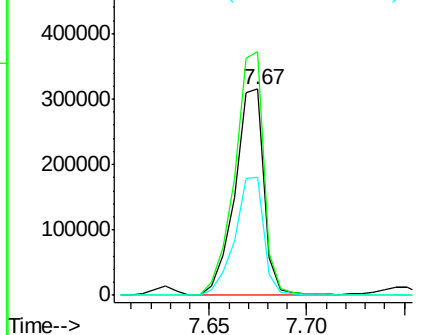
#27
 2,4-Dimethylphenol
 Concen: 42.849 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 326922
 Ion Ratio Lower Upper
 122 100
 107 118.1 89.2 133.8
 121 57.2 45.2 67.8

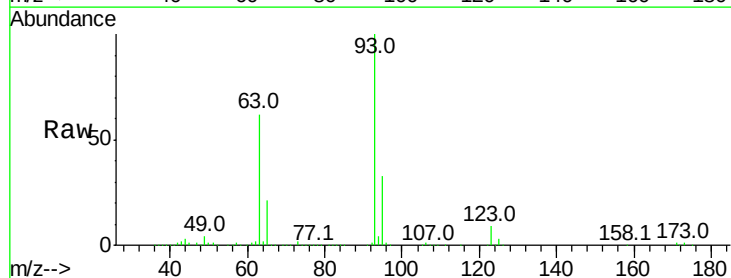


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

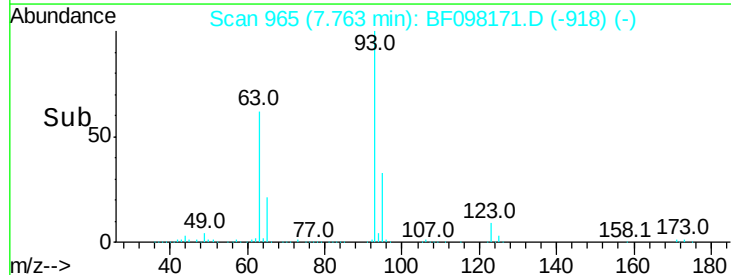
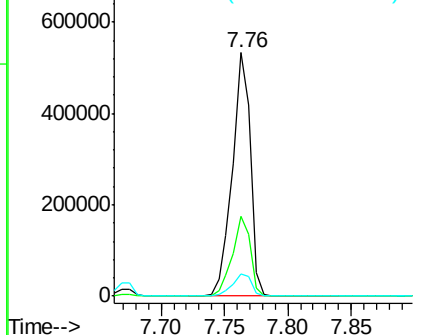


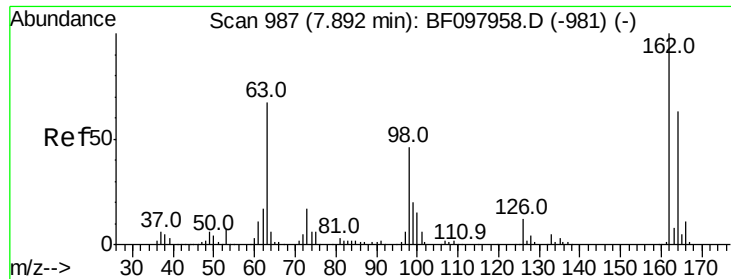
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.351 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Tgt Ion: 93 Resp: 521395
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 9.1 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

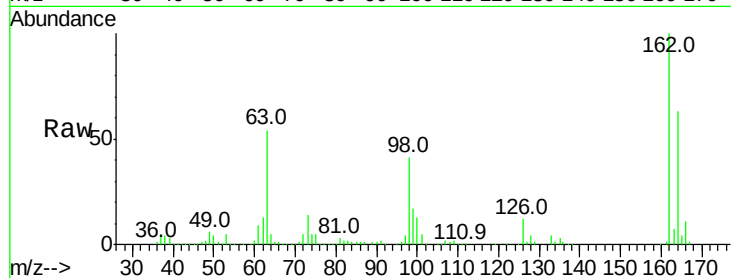




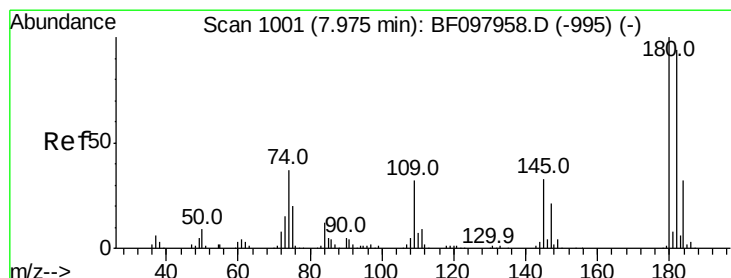
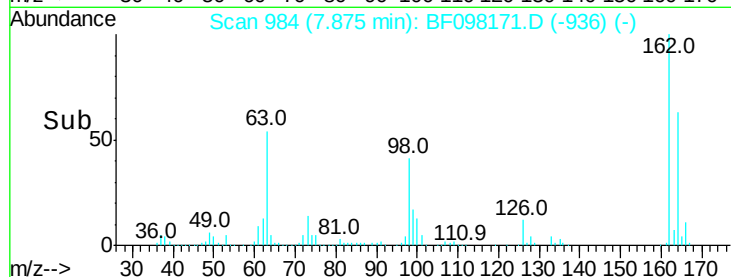
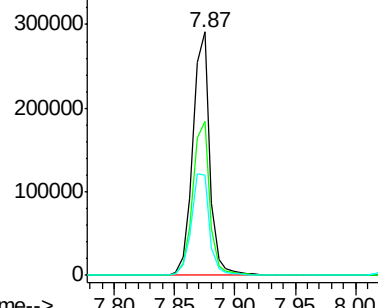
#29
 2,4-Dichlorophenol
 Concen: 44.398 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	41.4	14.8	54.8

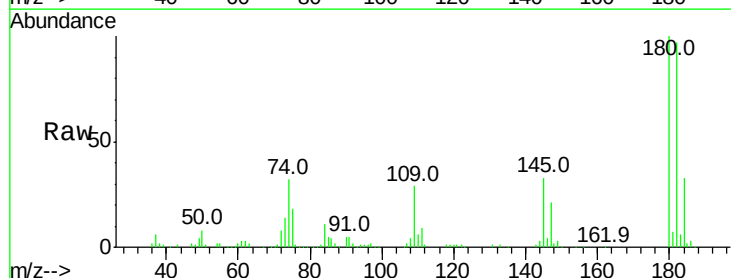


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

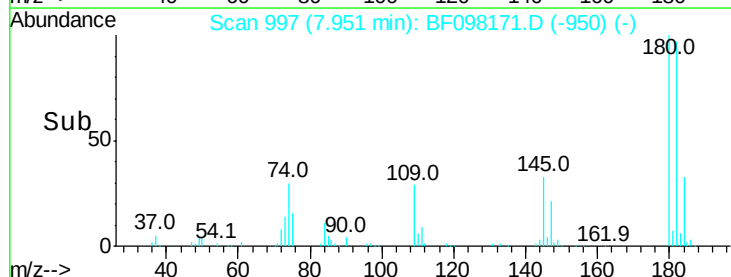
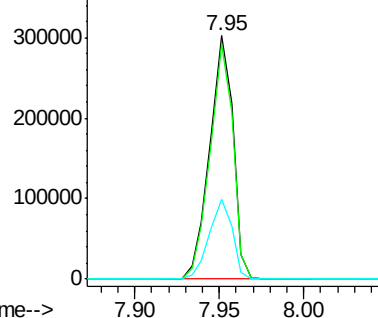


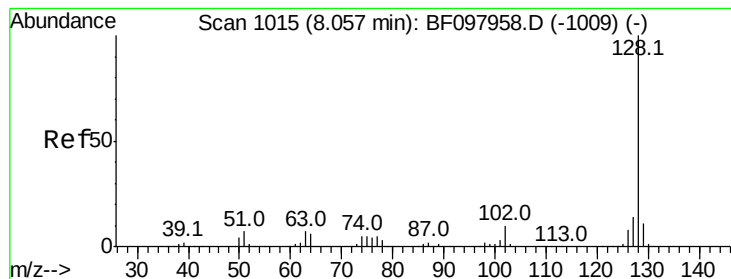
#30
 1,2,4-Trichlorobenzene
 Concen: 41.450 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.6
145	32.9	25.3	37.9



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





#31

Naphthalene

Concen: 40.933 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

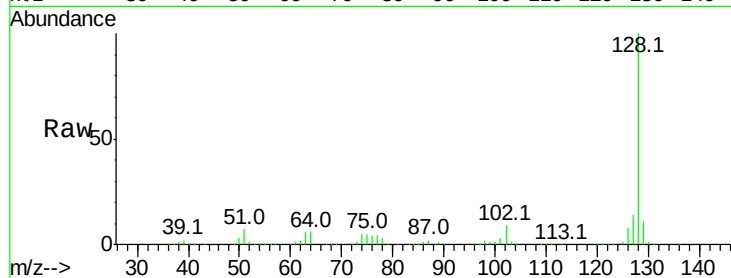
Tot Ion:128 Resp: 1015668

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

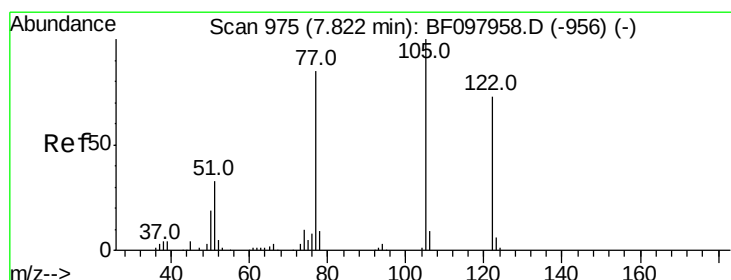
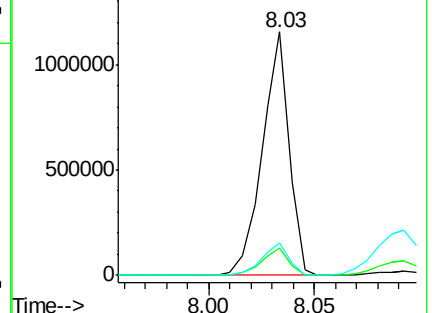
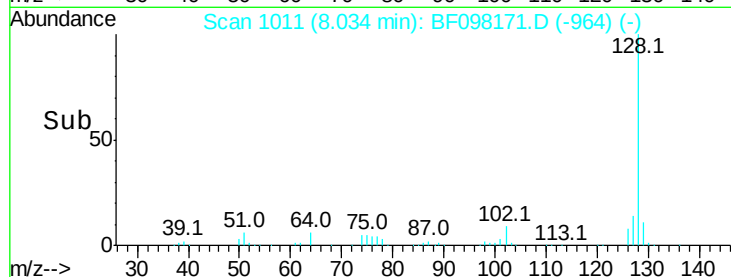
127 13.5 10.8 16.2



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: 8.987 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.09 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

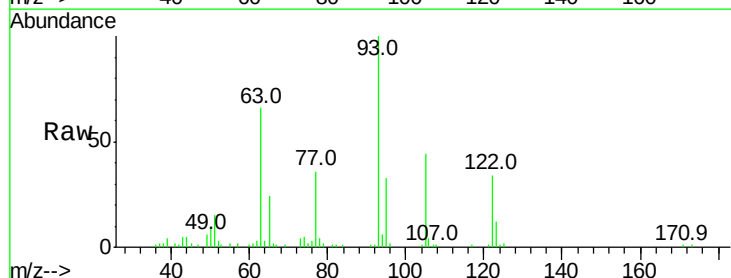
Tgt Ion:122 Resp: 16565

Ion Ratio Lower Upper

122 100

105 127.9 103.3 143.3

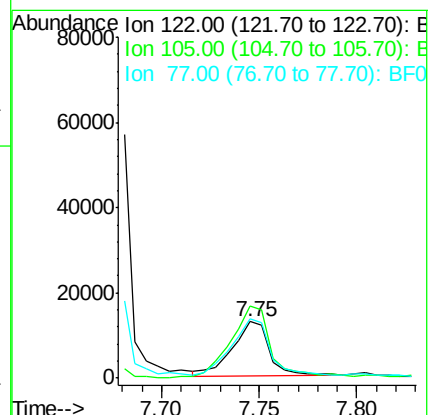
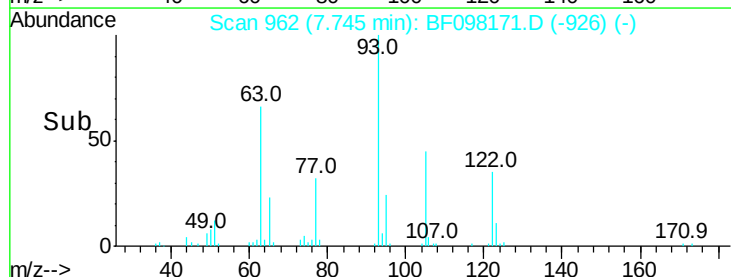
77 105.7 73.7 113.7

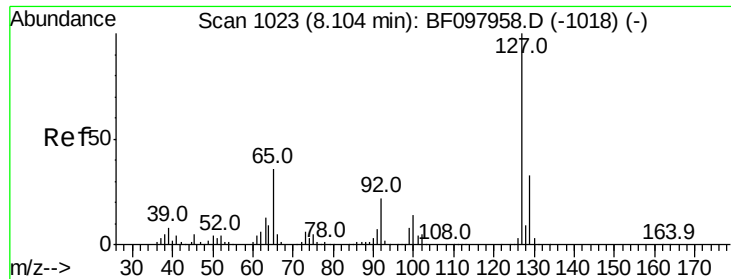


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

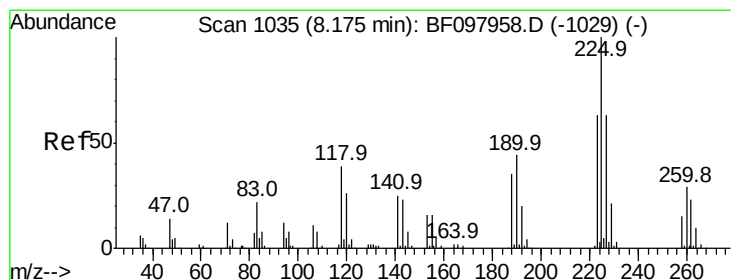
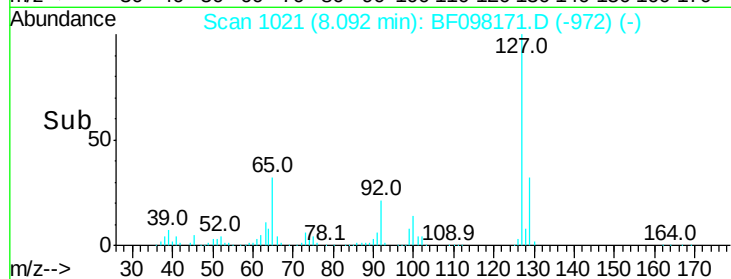
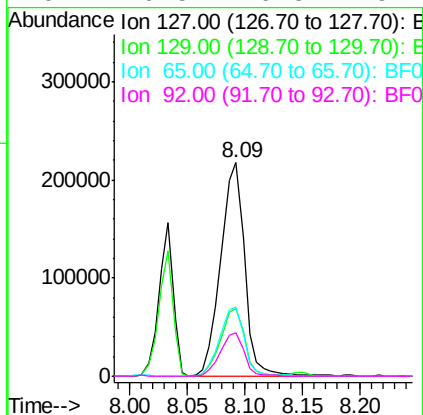
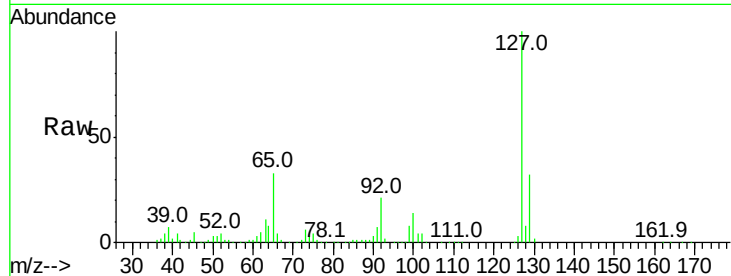




#33
4-Chloroaniline
Concen: 29.873 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

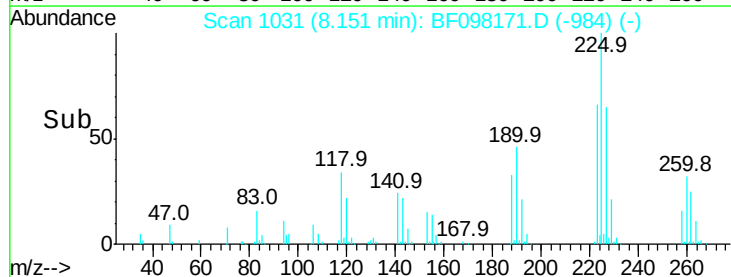
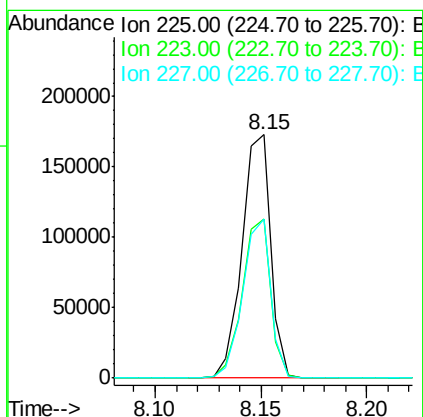
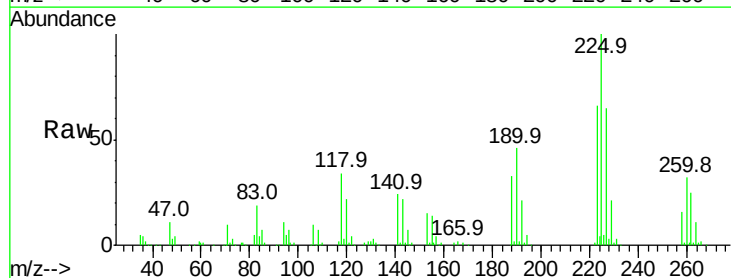
Instrument :
BNA_F
ClientSampleId :

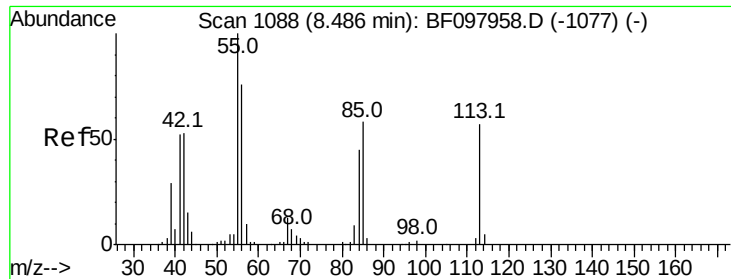
Tot Ion:	127	Resp:	312610
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	32.6	27.8	41.8
92	20.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.887 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

Tgt Ion:	225	Resp:	163508
Ion	Ratio	Lower	Upper
225	100		
223	65.5	48.8	73.2
227	65.3	51.1	76.7





#35

Caprolactam

Concen: 30.296 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.03 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

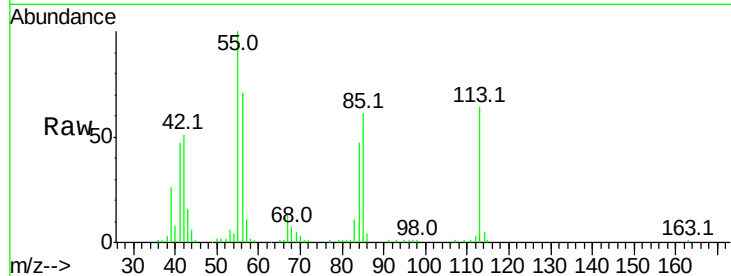
Tot Ion:113 Resp: 65230

Ion Ratio Lower Upper

113 100

55 156.9 150.2 190.2

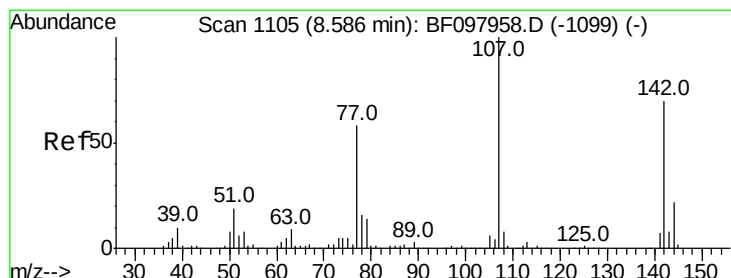
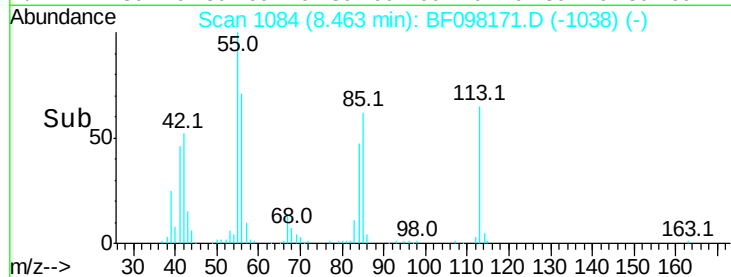
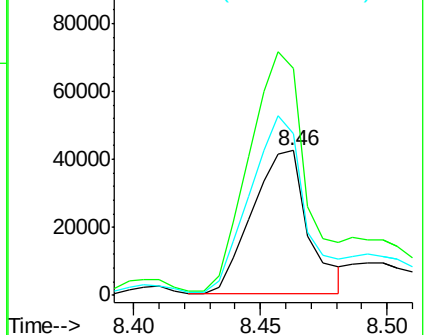
56 111.5 107.8 147.8



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: 40.116 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

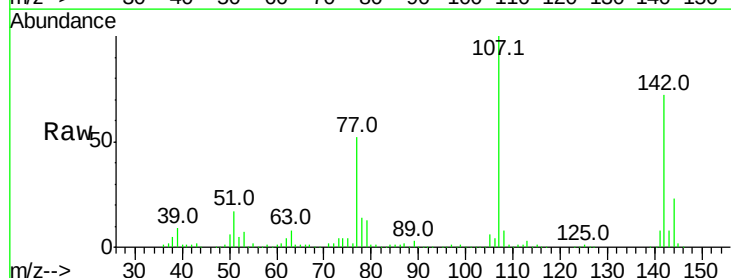
Tgt Ion:107 Resp: 326436

Ion Ratio Lower Upper

107 100

144 23.4 24.2 36.4#

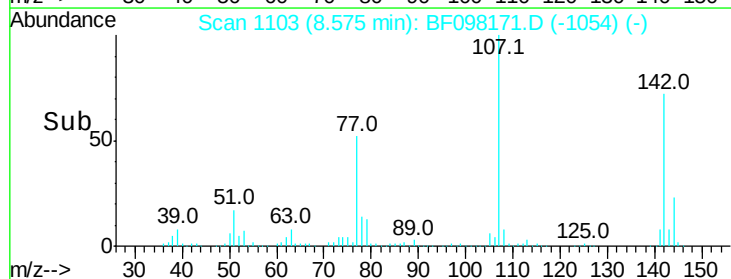
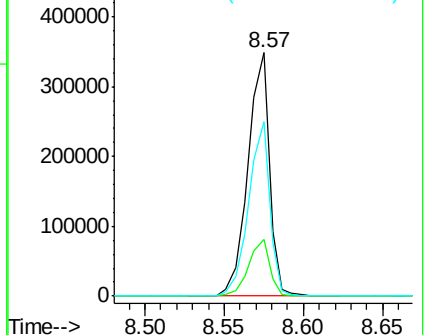
142 71.8 73.4 110.0#

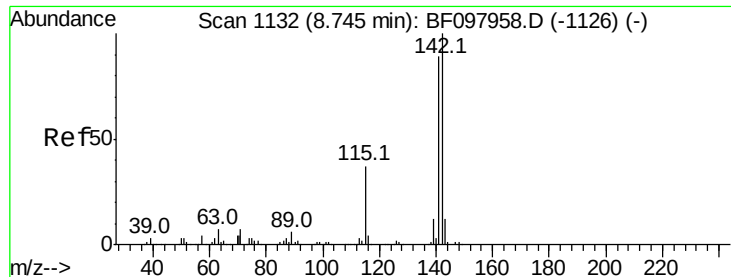


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.584 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

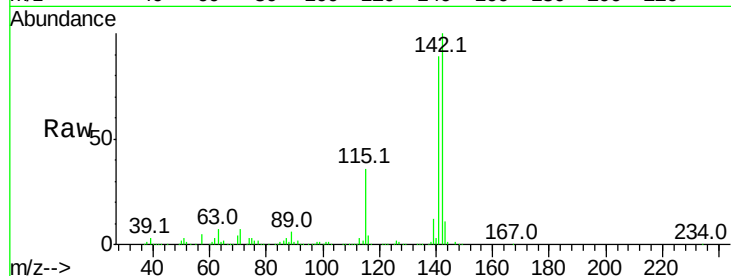
Tot Ion:142 Resp: 647809

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9

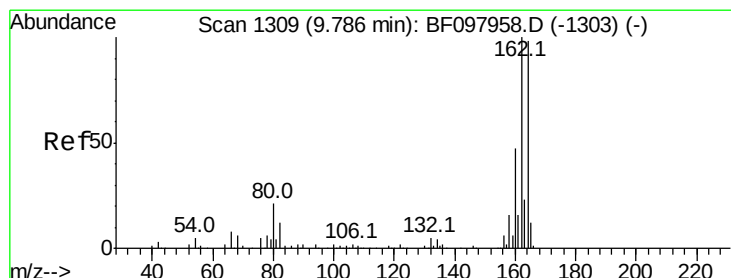
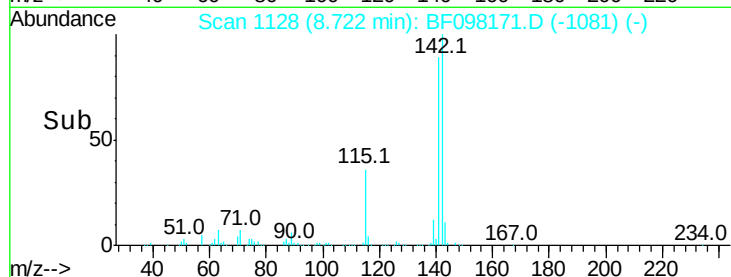
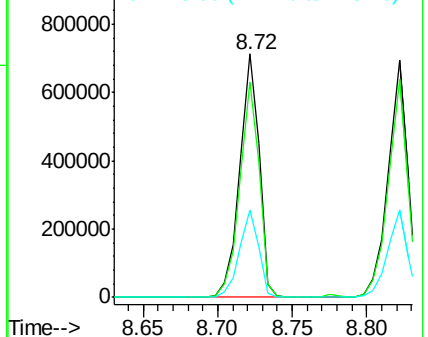
115 36.1 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

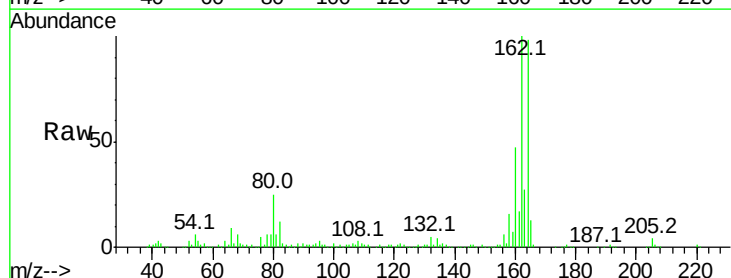
Tgt Ion:164 Resp: 194395

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

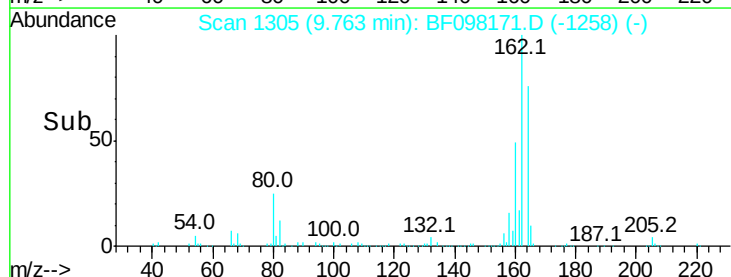
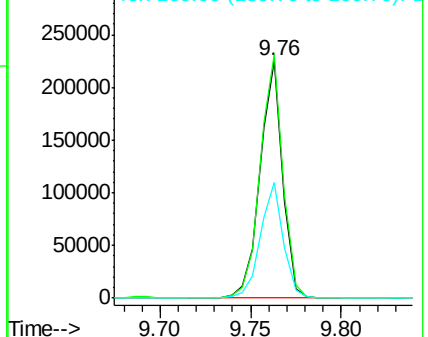
160 48.6 36.2 54.2

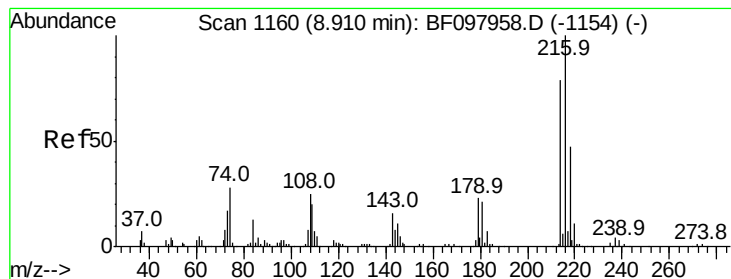


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.628 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 260284

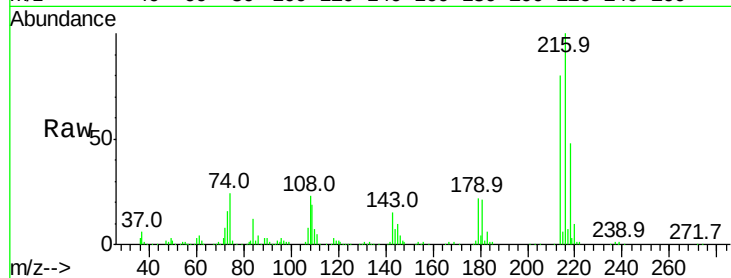
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 21.6 17.9 26.9

108 23.6 16.5 24.7

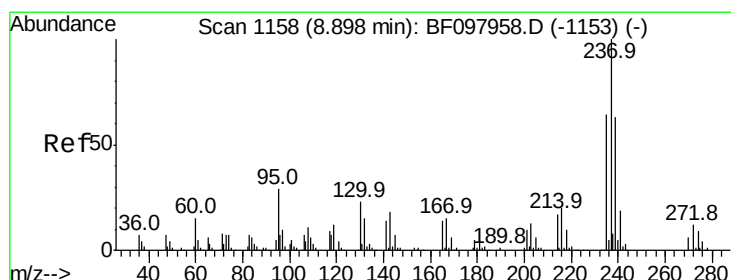
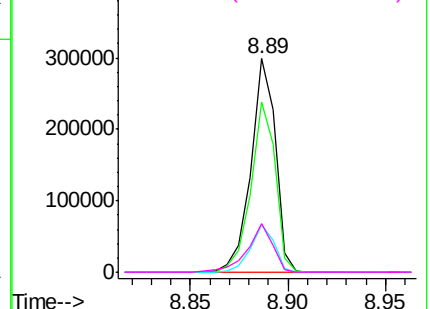
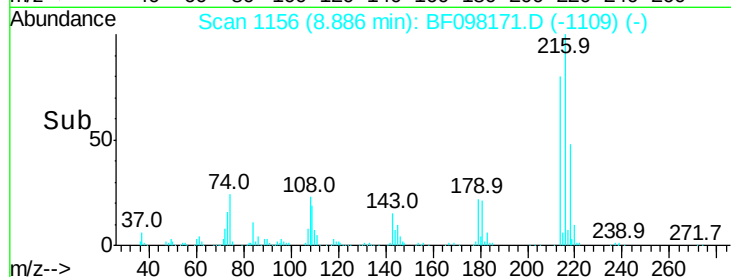


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.870 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

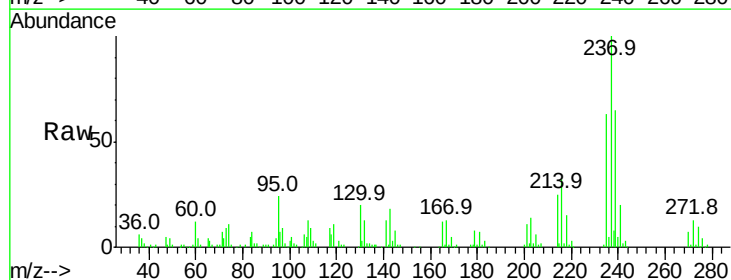
Tgt Ion:237 Resp: 111404

Ion Ratio Lower Upper

237 100

235 62.7 42.6 82.6

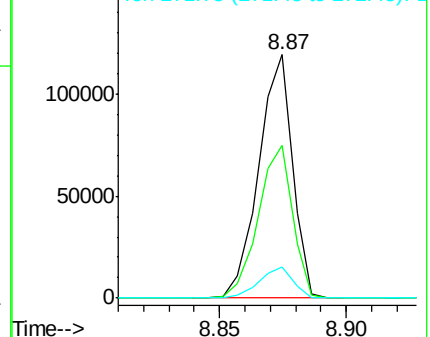
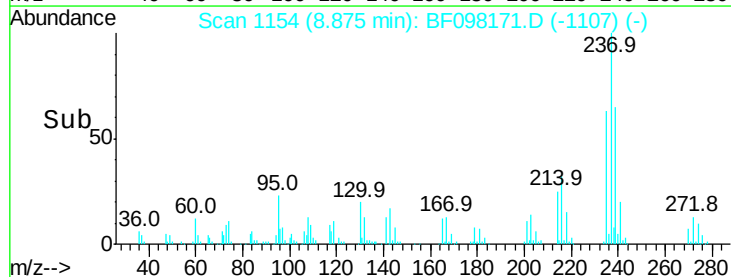
272 12.9 0.0 31.9

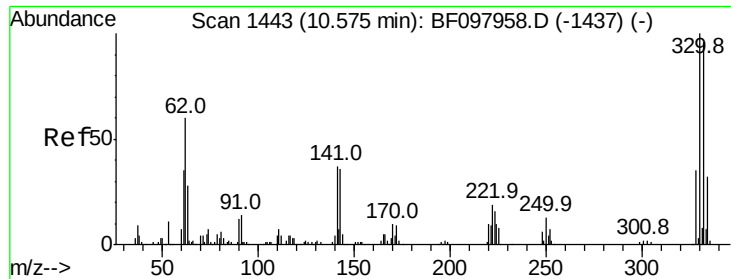


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

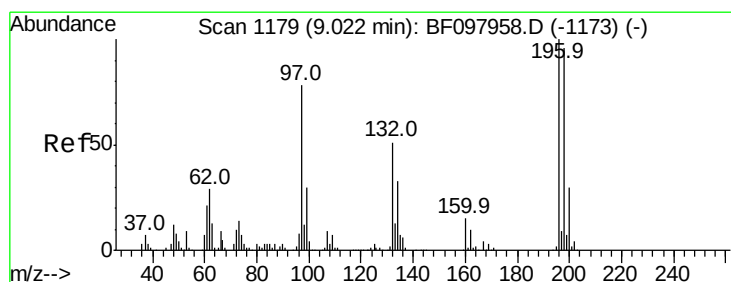
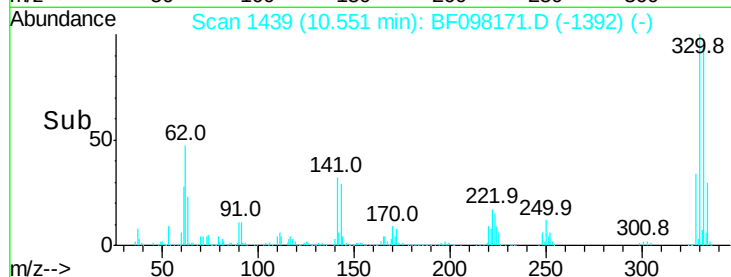
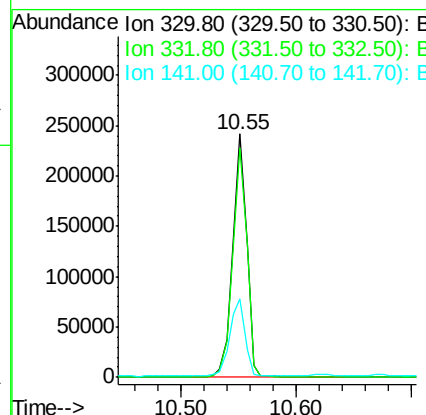
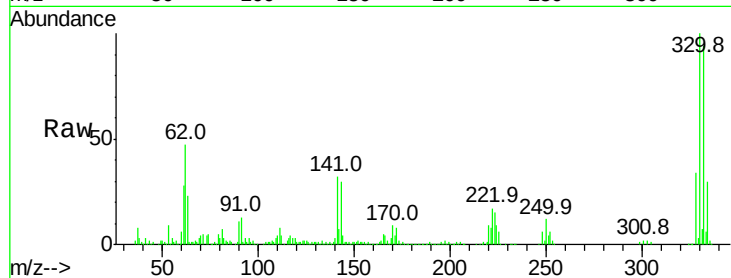




#41
 2,4,6-Tribromophenol
 Concen: 120.836 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

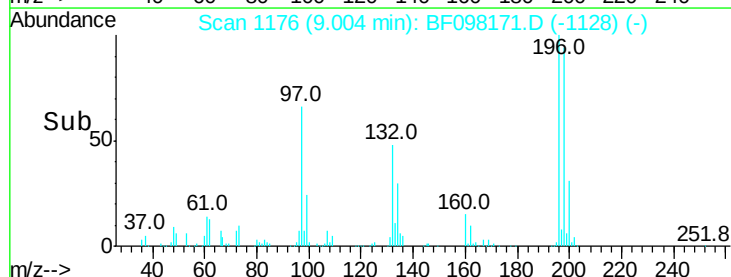
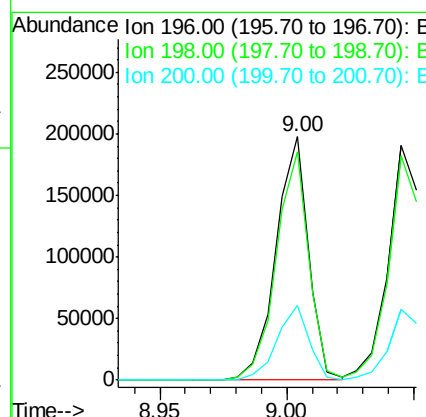
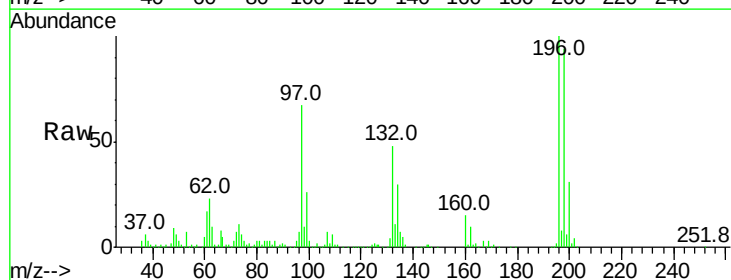
Instrument :
 BNA_F
 ClientSampleId :

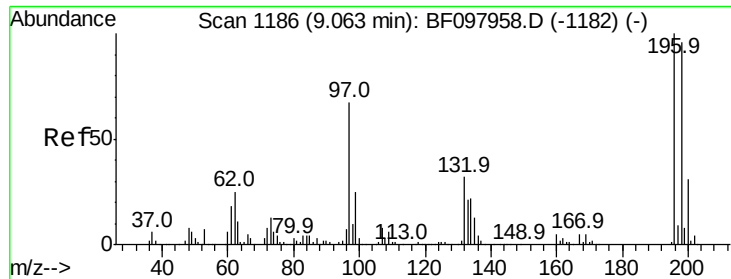
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	34.6	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 43.855 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.2	111.4
200	30.6	24.0	36.0

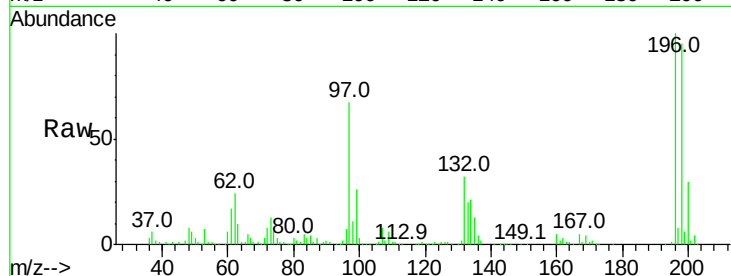




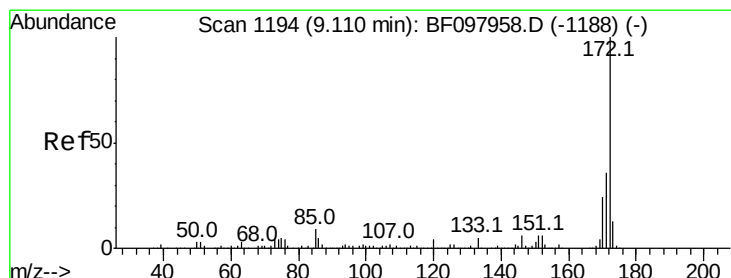
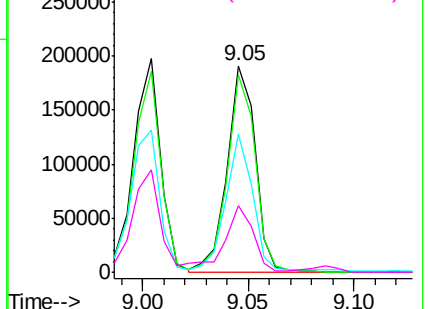
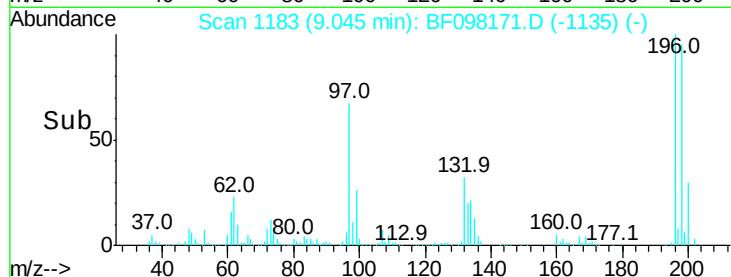
#43
 2,4,5-Trichlorophenol
 Concen: 43.961 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 174685
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 97 67.1 47.7 71.5
 132 32.1 28.0 42.0

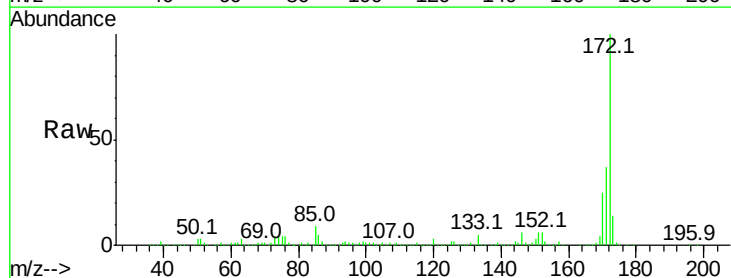


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

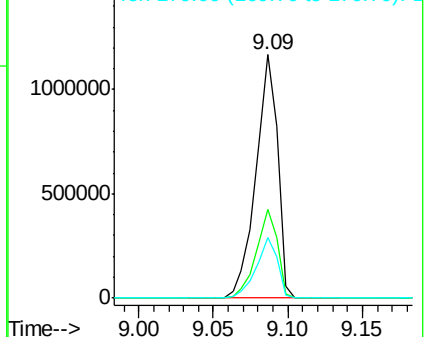
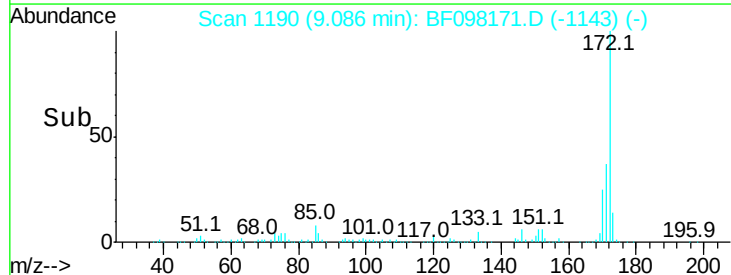


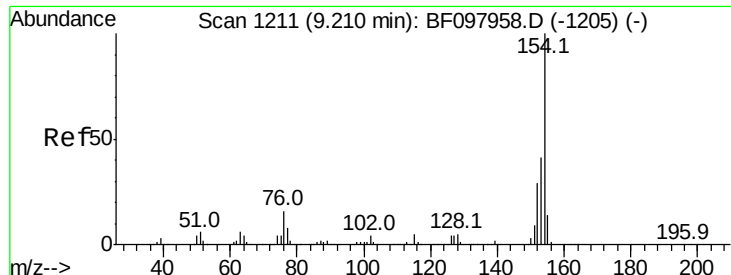
#44
 2-Fluorobiphenyl
 Concen: 87.492 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Tgt Ion:172 Resp: 1157639
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.6 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

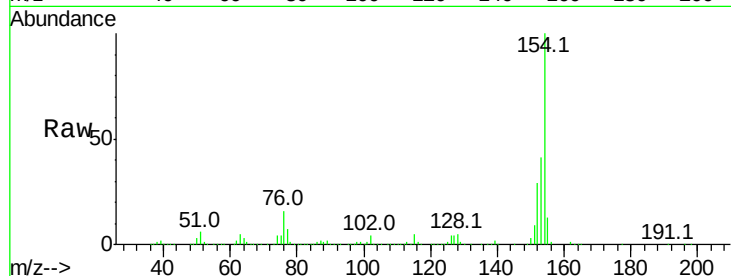




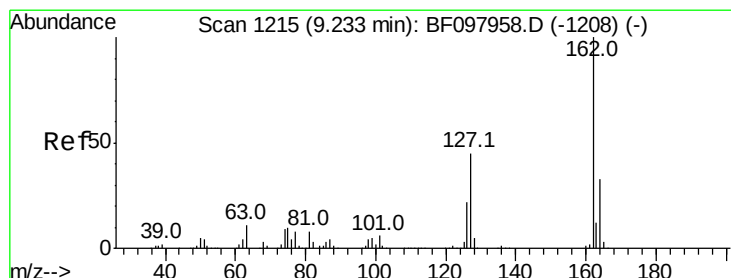
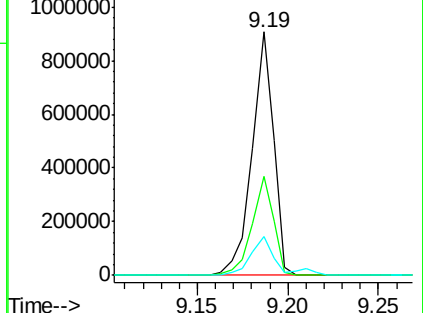
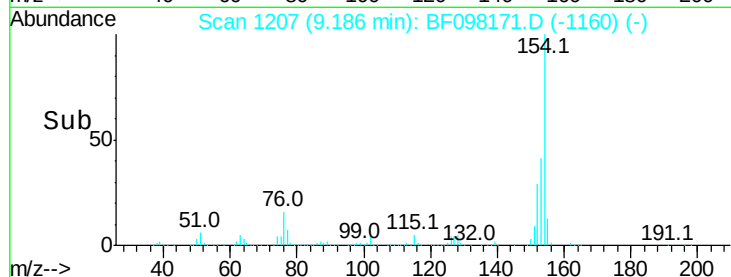
#45
 1,1'-Biphenyl
 Concen: 42.317 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 750149
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.2 61.2
 76 16.0 0.0 29.9

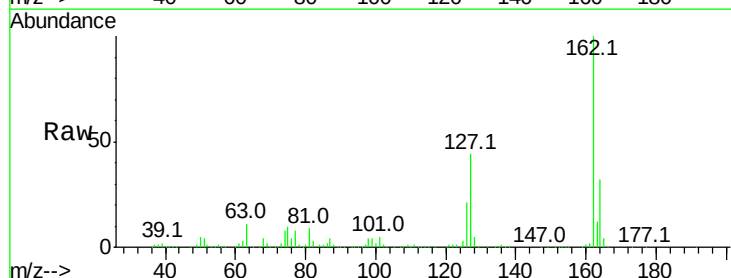


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

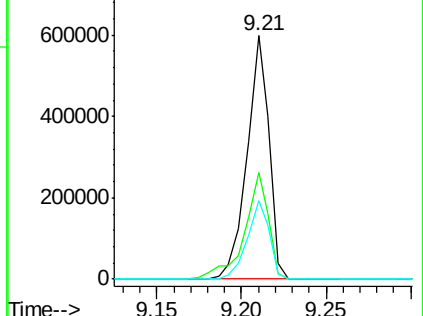
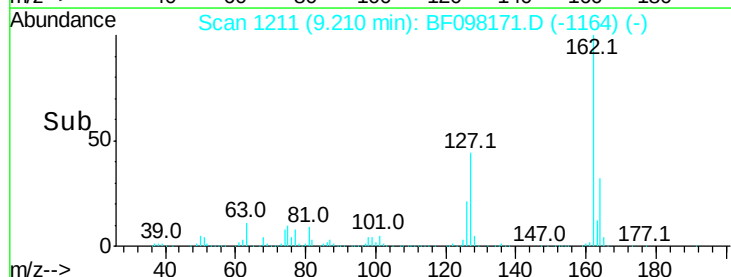


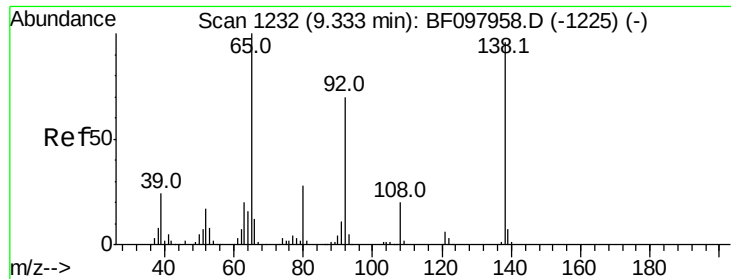
#46
 2-Chloronaphthalene
 Concen: 41.717 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Tgt Ion:162 Resp: 546416
 Ion Ratio Lower Upper
 162 100
 127 43.8 28.3 42.5#
 164 32.4 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

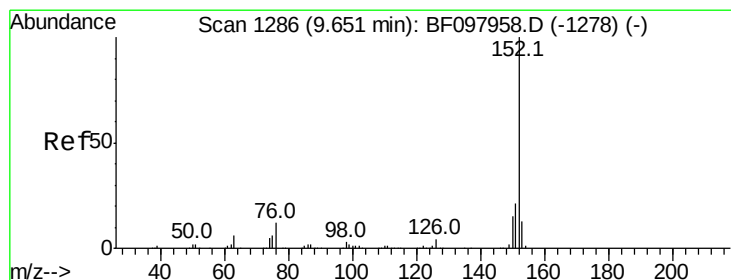
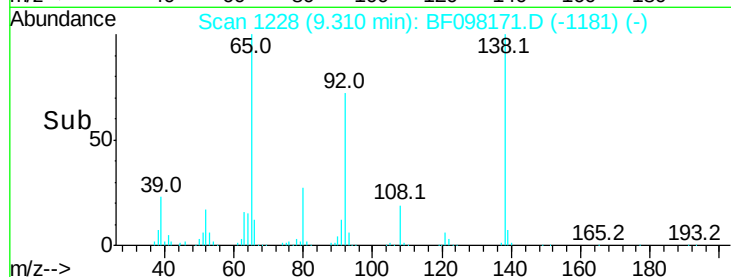
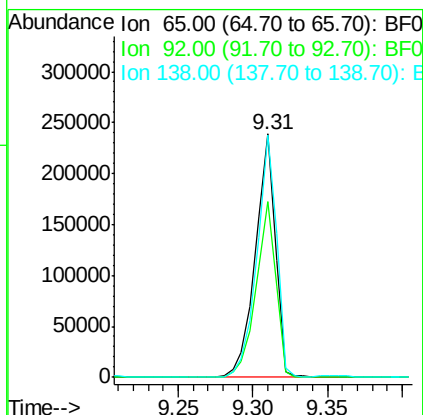
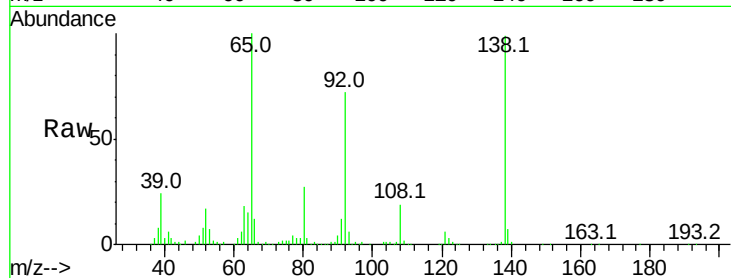




#47
2-Nitroaniline
Concen: 49.939 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.02 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

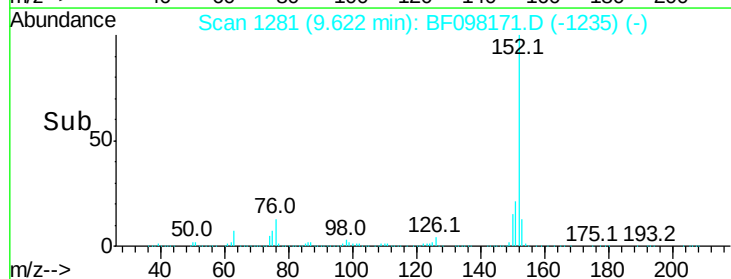
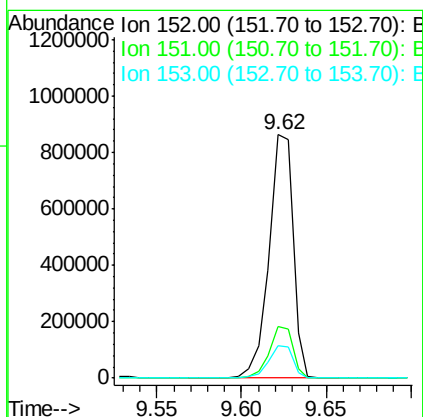
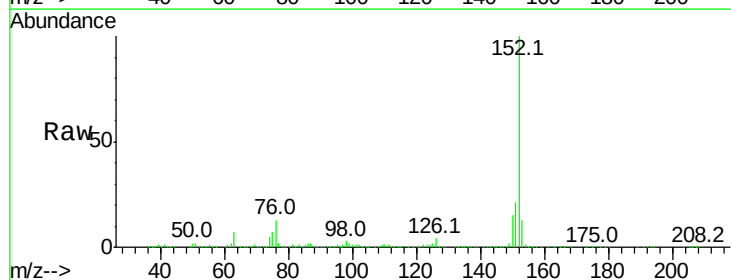
Instrument :
BNA_F
ClientSampleId :

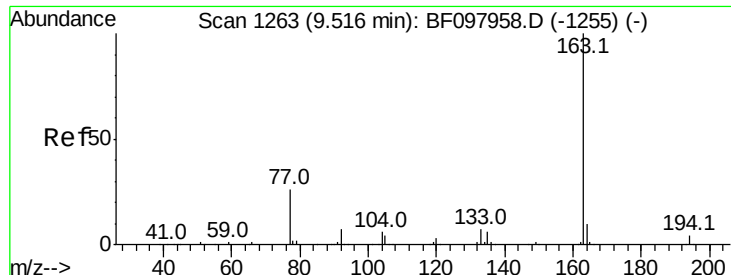
Tot Ion: 65 Resp: 219284
Ion Ratio Lower Upper
65 100
92 72.2 53.9 80.9
138 99.4 78.8 118.2



#48
Acenaphthylene
Concen: 41.558 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

Tgt Ion: 152 Resp: 854793
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 13.3 10.8 16.2

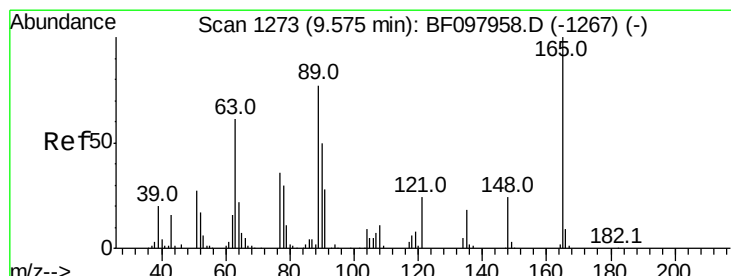
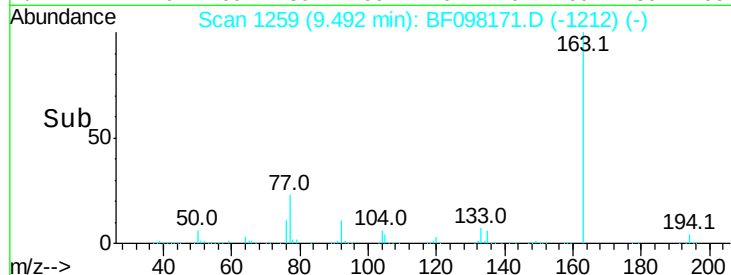
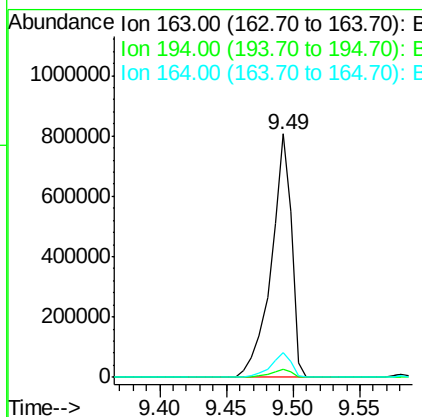
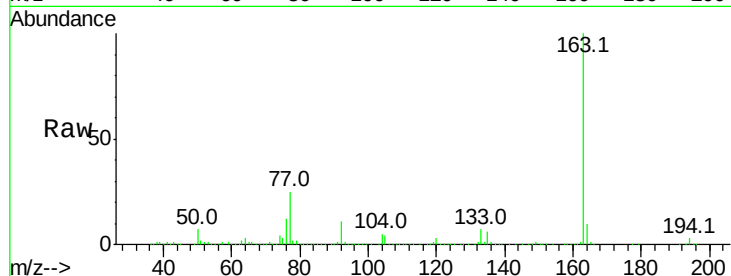




#49
 Dimethylphthalate
 Concen: 59.726 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

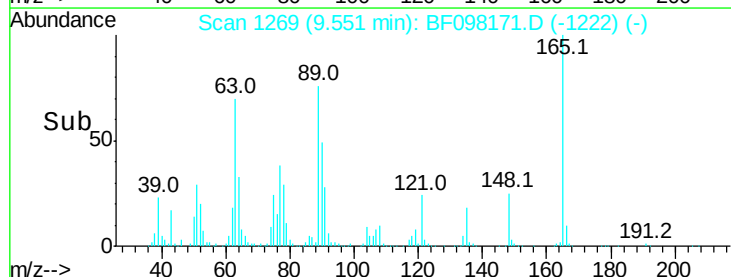
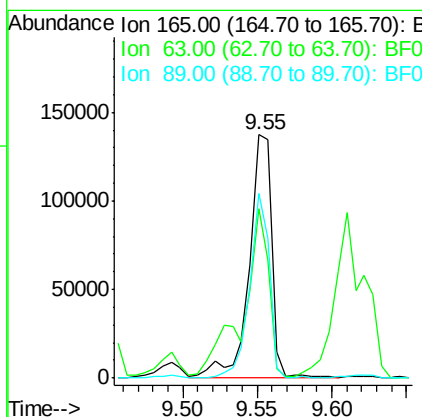
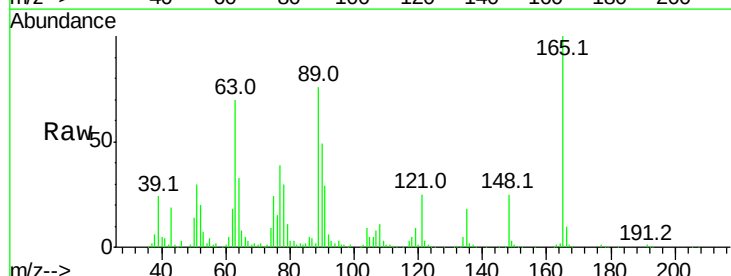
Instrument :
 BNA_F
 ClientSampleId :

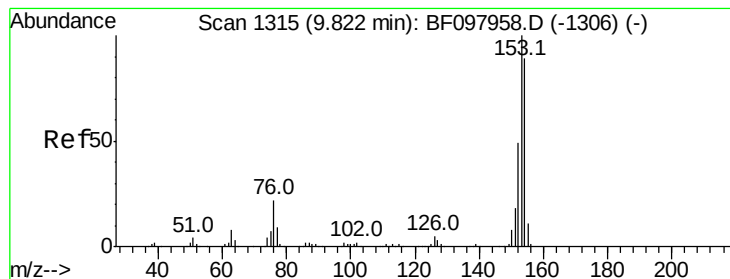
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.3	8.4	12.6



#50
 2,6-Dinitrotoluene
 Concen: 49.616 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.7	34.3	51.5#
89	75.6	37.1	55.7#





#51

Acenaphthene

Concen: 38.566 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

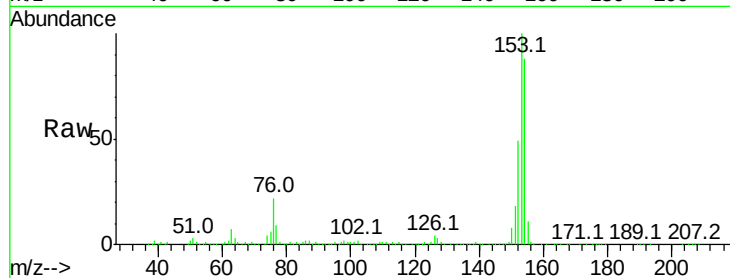
Tot Ion:154 Resp: 500289

Ion Ratio Lower Upper

154 100

153 113.7 90.5 135.7

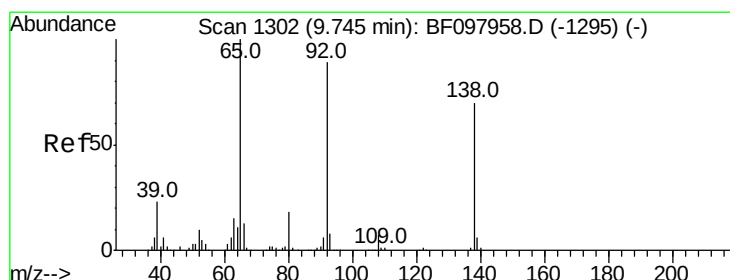
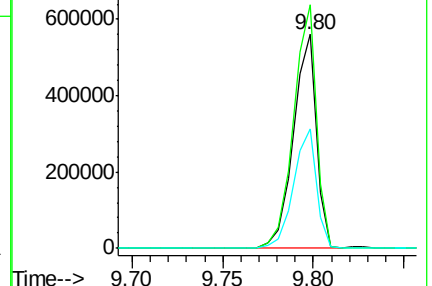
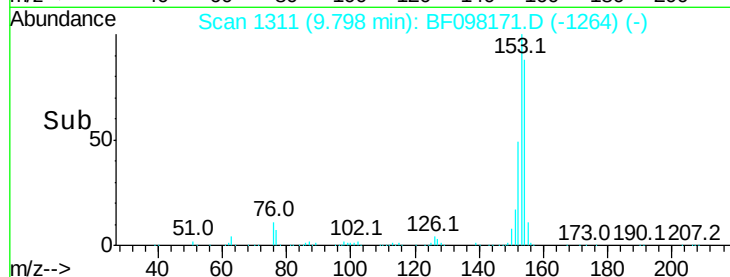
152 56.0 43.6 65.4



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: 36.936 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

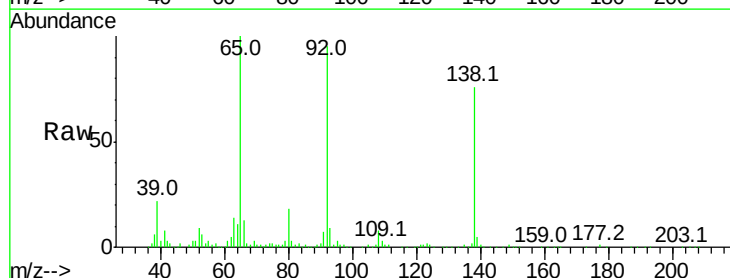
Tgt Ion:138 Resp: 135166

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

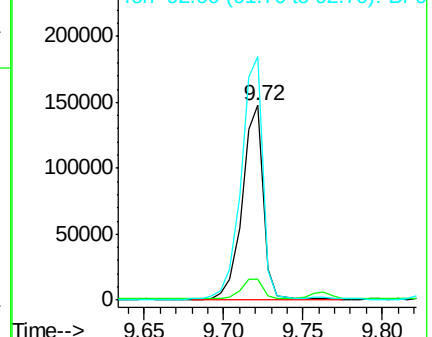
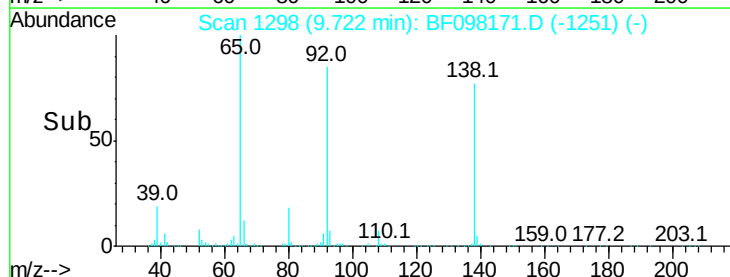
92 124.9 93.8 140.6

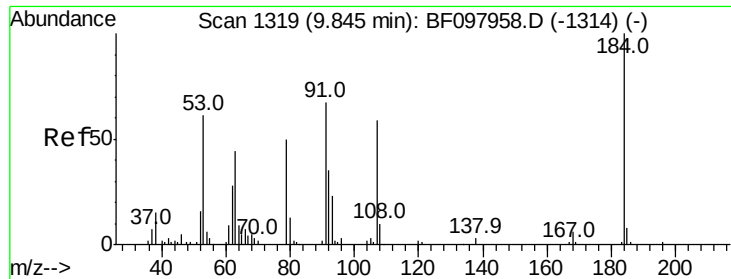


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

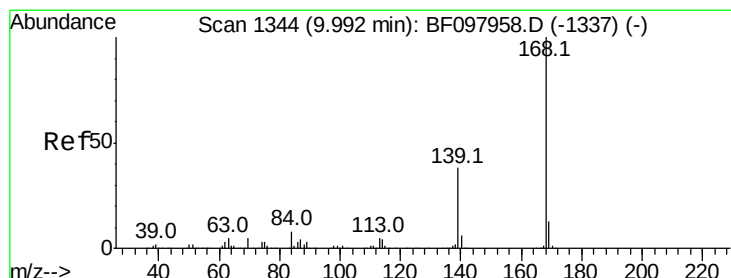
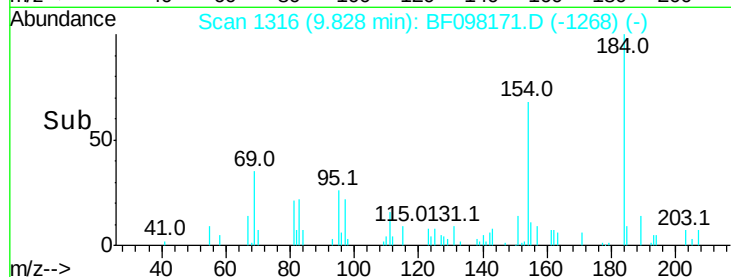
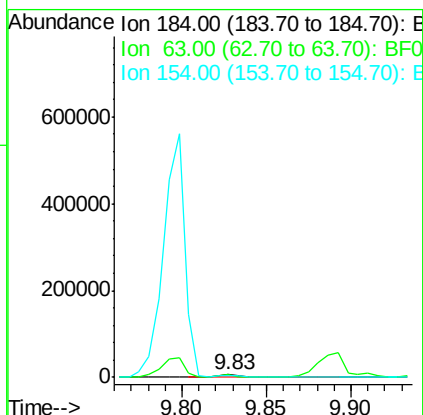
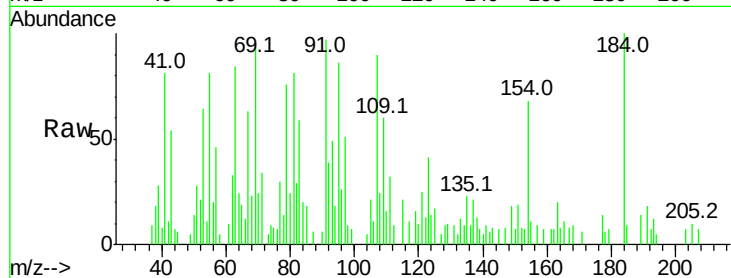




#53
 2,4-Dinitrophenol
 Concen: 14.922 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

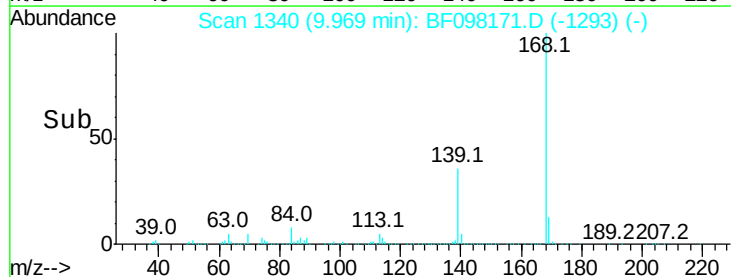
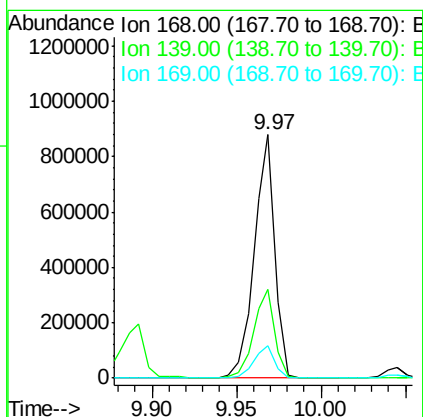
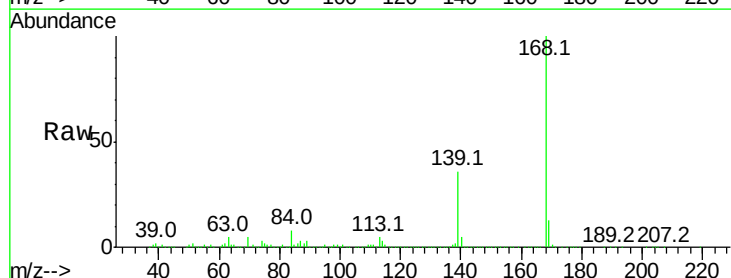
Instrument :
 BNA_F
 ClientSampleId :

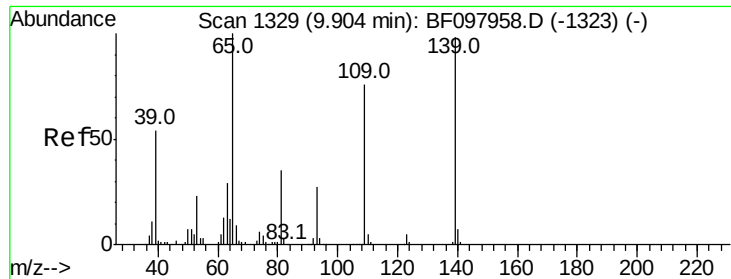
Tot Ion:184 Resp: 7386
 Ion Ratio Lower Upper
 184 100
 63 84.5 62.7 94.1
 154 68.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.127 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Tgt Ion:168 Resp: 749796
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.6 45.8
 169 13.2 10.8 16.2





#55

4-Nitrophenol

Concen: 66.668 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

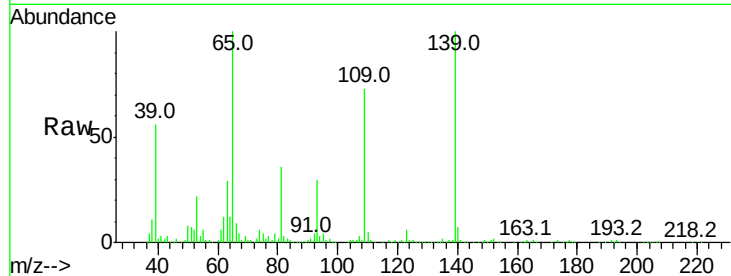
Tot Ion:139 Resp: 194620

Ion Ratio Lower Upper

139 100

109 73.4 34.1 74.1

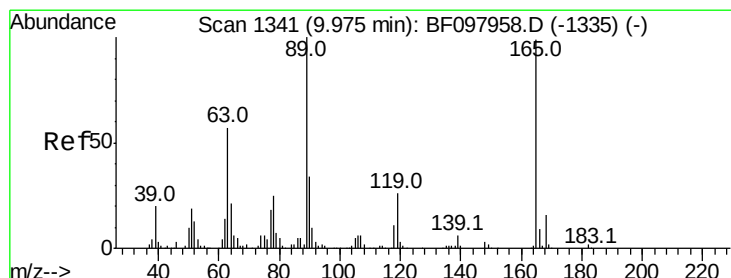
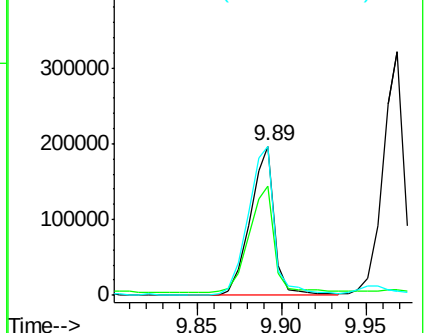
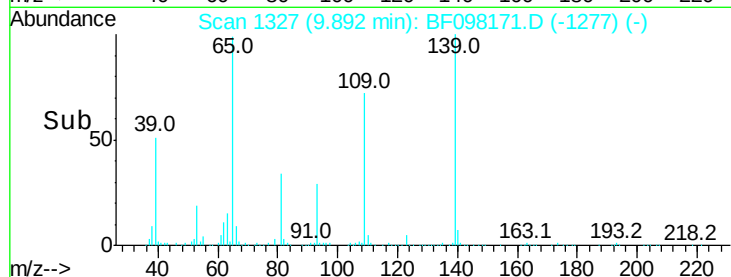
65 100.1 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.728 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Tgt Ion:165 Resp: 159211

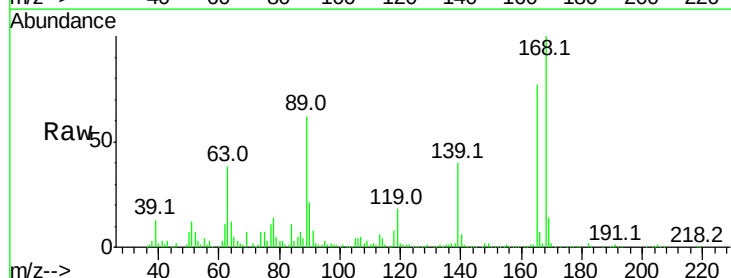
Ion Ratio Lower Upper

165 100

63 49.6 25.4 38.0#

89 81.1 46.4 69.6#

182 2.4 1.8 2.6

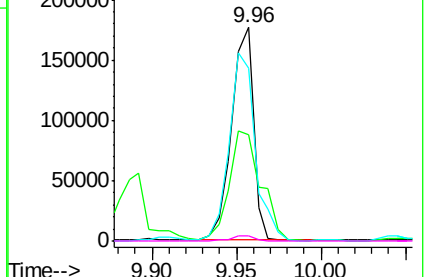
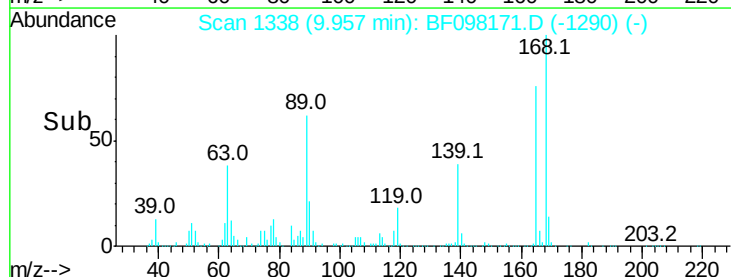


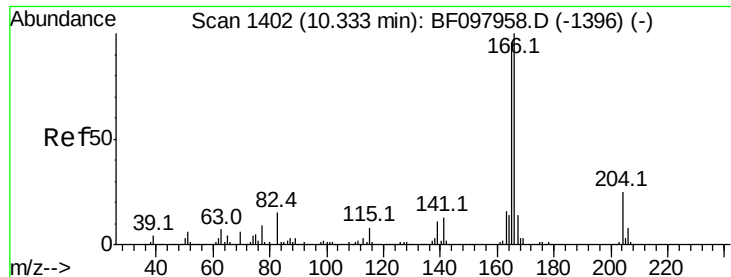
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

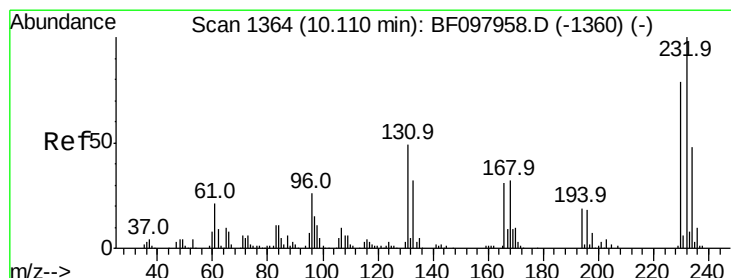
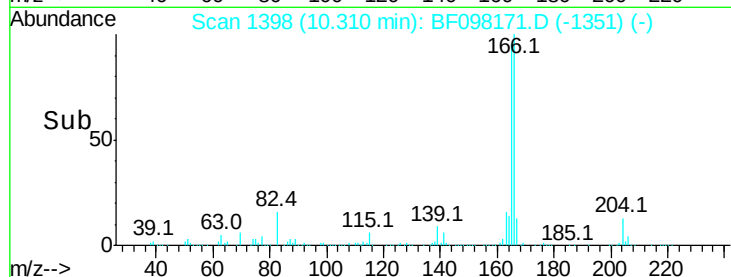
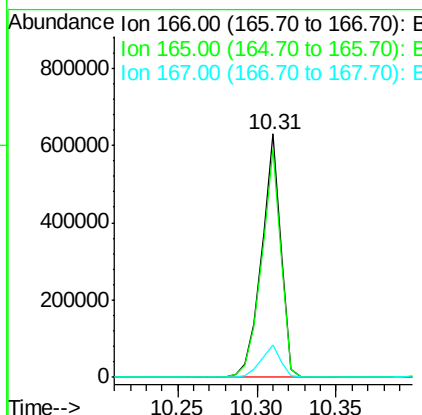
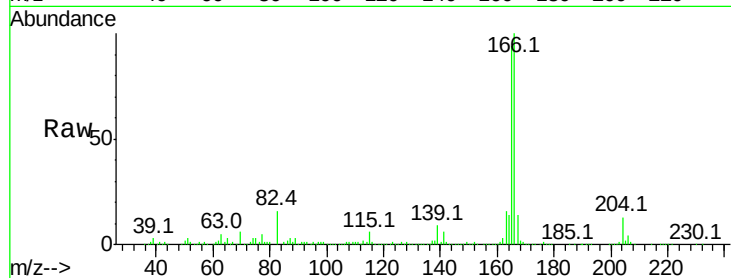




#57
 Fluorene
 Concen: 39.653 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

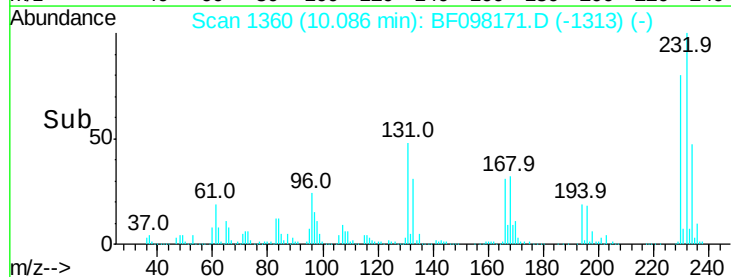
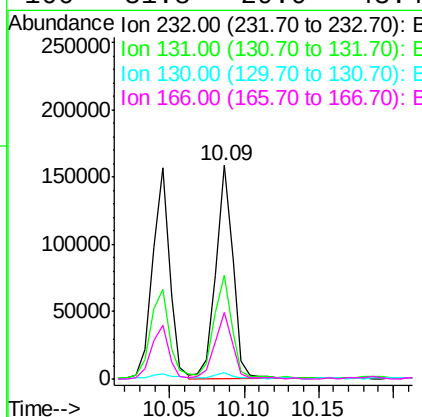
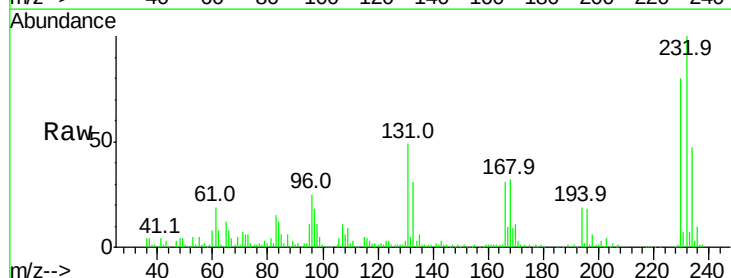
Instrument :
 BNA_F
 ClientSampleId :

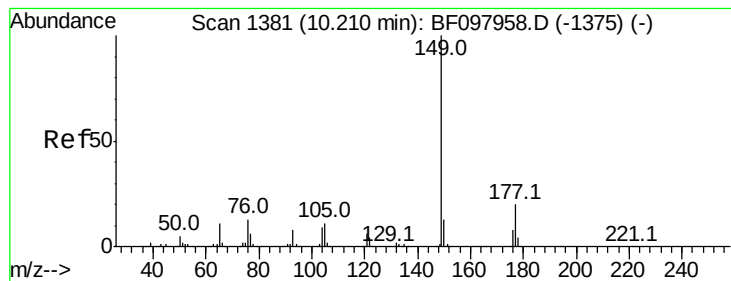
Tot Ion:166 Resp: 533009
 Ion Ratio Lower Upper
 166 100
 165 94.0 78.8 118.2
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.564 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Tgt Ion:232 Resp: 127872
 Ion Ratio Lower Upper
 232 100
 131 49.1 44.8 67.2
 130 2.8 2.3 3.5
 166 31.8 29.0 43.4





#59

Diethylphthalate

Concen: 42.328 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

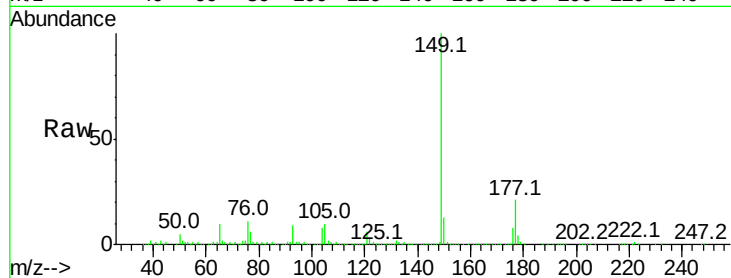
Tot Ion:149 Resp: 628985

Ion Ratio Lower Upper

149 100

177 20.9 16.7 25.1

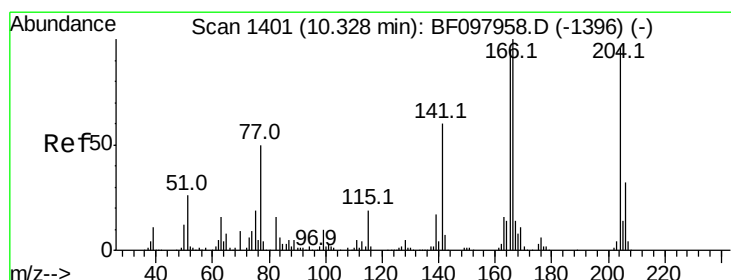
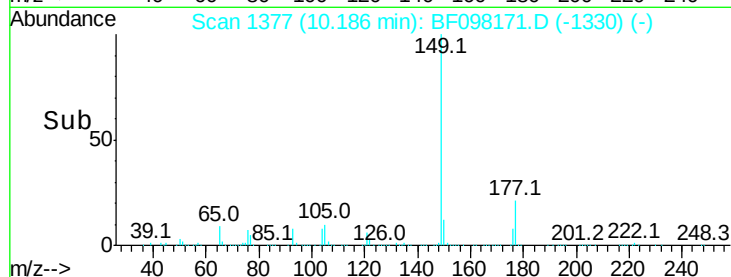
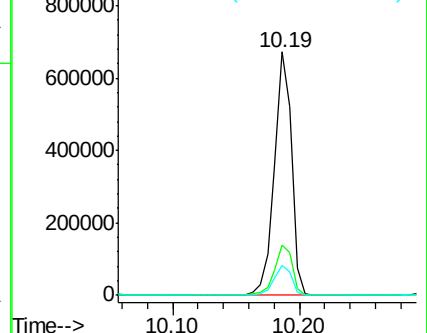
150 12.5 10.2 15.2



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: 40.951 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

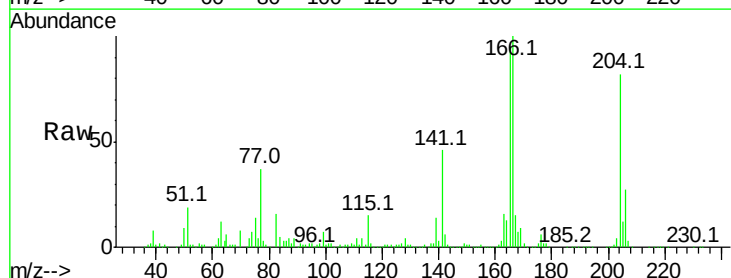
Tgt Ion:204 Resp: 255726

Ion Ratio Lower Upper

204 100

206 33.6 26.2 39.2

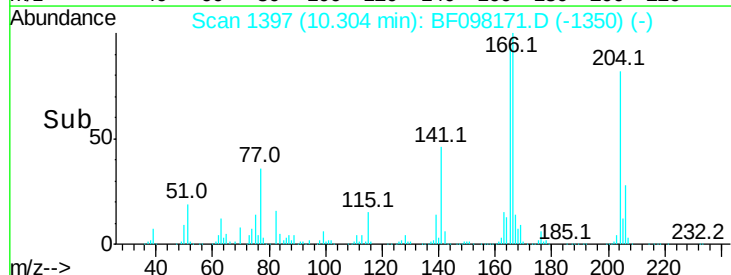
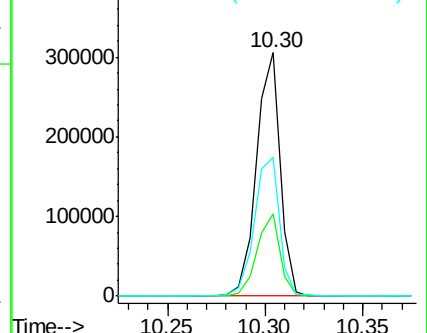
141 56.8 60.8 91.2#

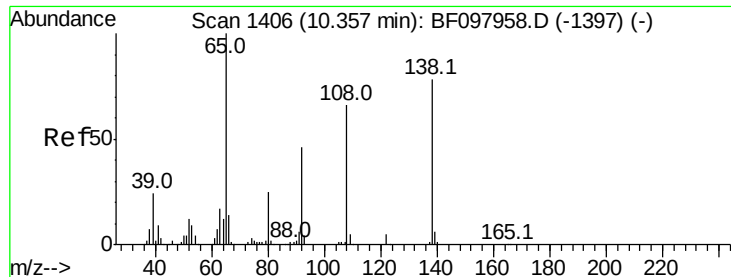


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.669 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampled :

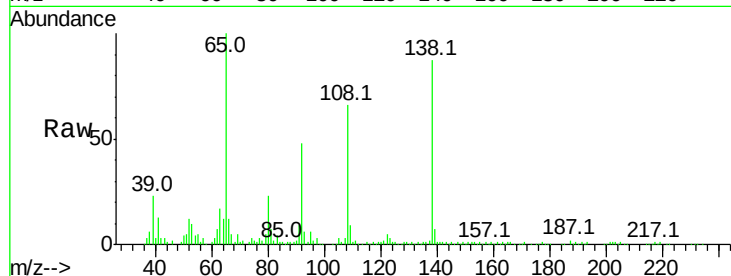
Tot Ion:138 Resp: 141451

Ion Ratio Lower Upper

138 100

92 55.0 21.8 61.8

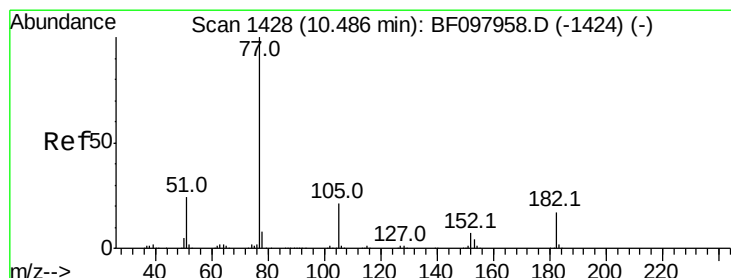
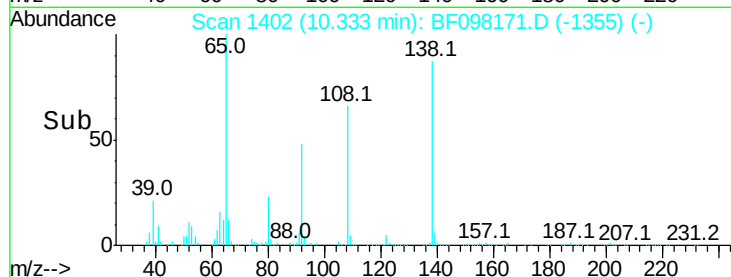
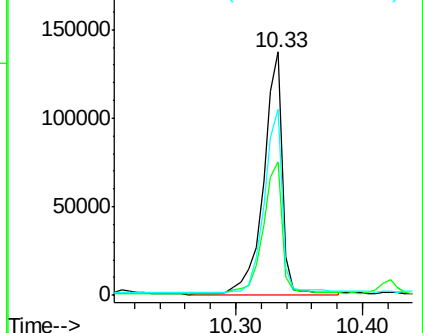
108 76.3 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.610 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Tgt Ion: 77 Resp: 699163

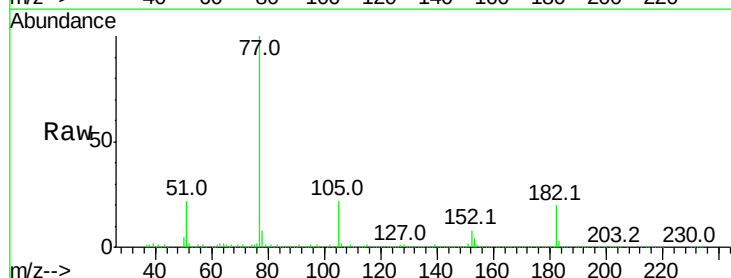
Ion Ratio Lower Upper

77 100

182 19.6 0.1 40.1

105 22.1 3.6 43.6

51 21.8 9.4 49.4

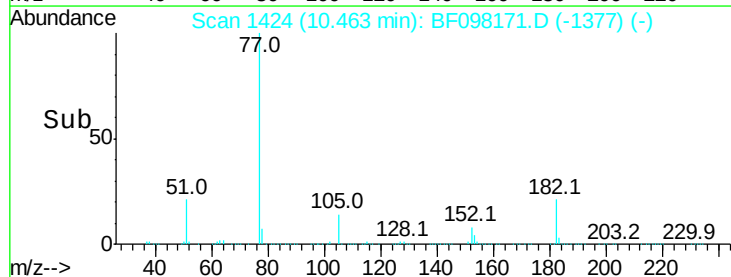
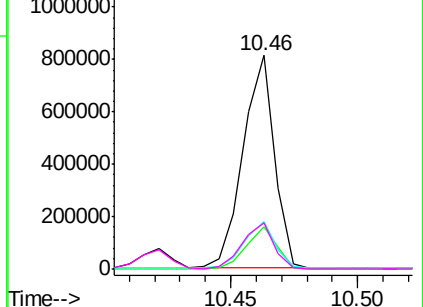


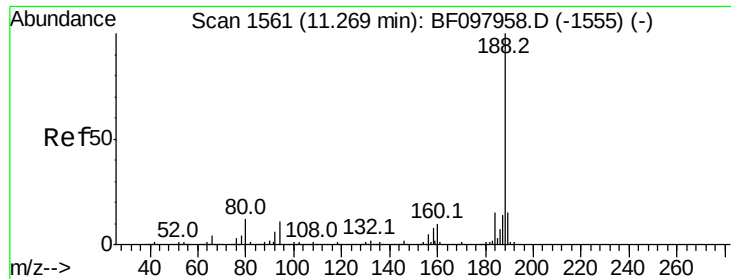
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

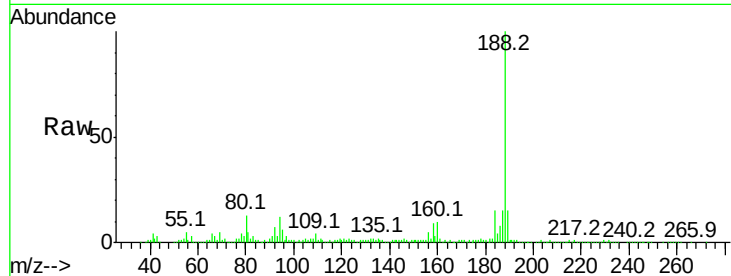
Tot Ion:188 Resp: 304870

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.2

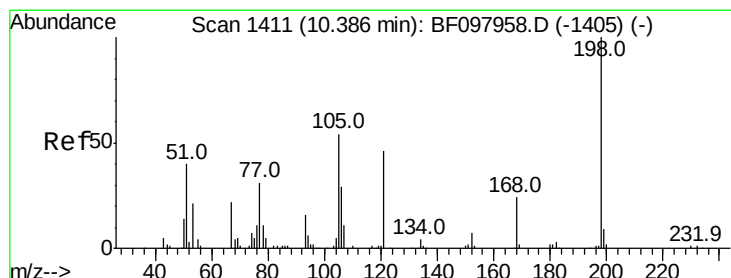
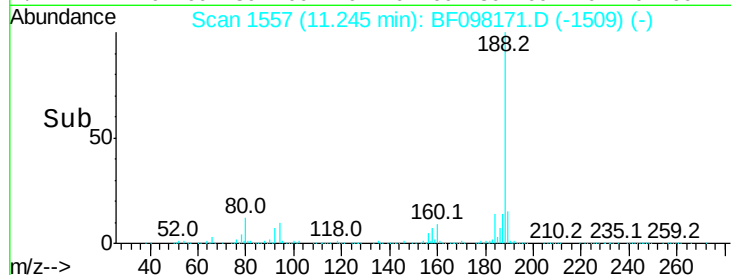
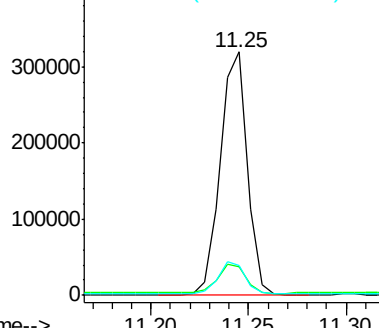
80 12.5 10.2 15.2



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: 13.366 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

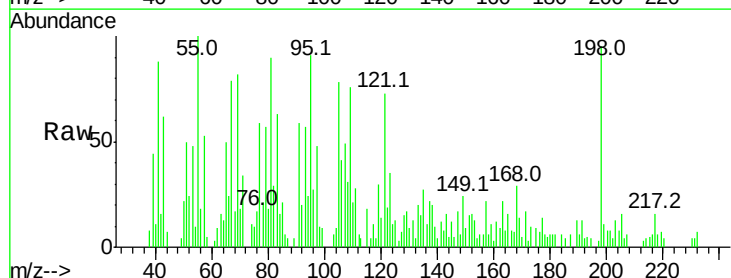
Tgt Ion:198 Resp: 8768

Ion Ratio Lower Upper

198 100

51 52.4 53.2 93.2#

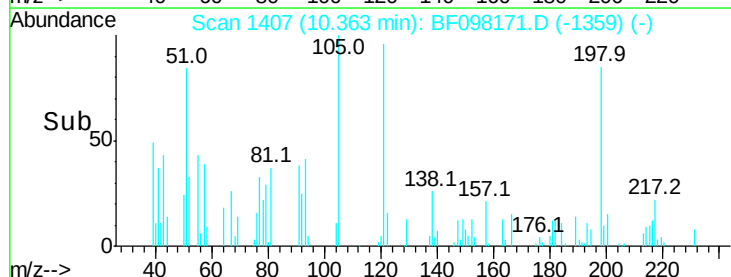
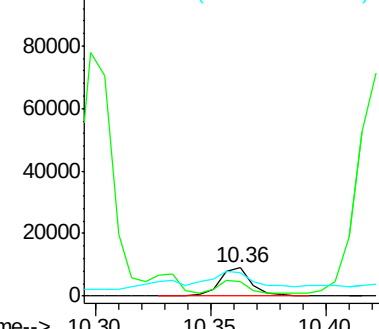
105 82.3 45.8 85.8

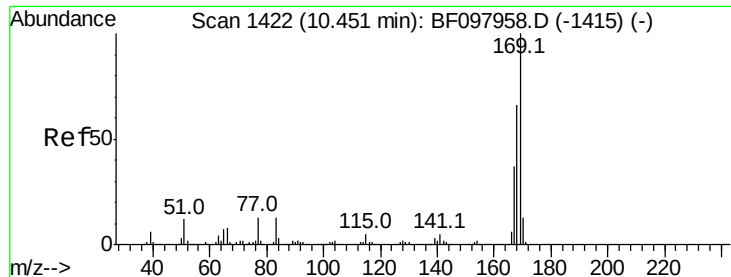


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.337 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

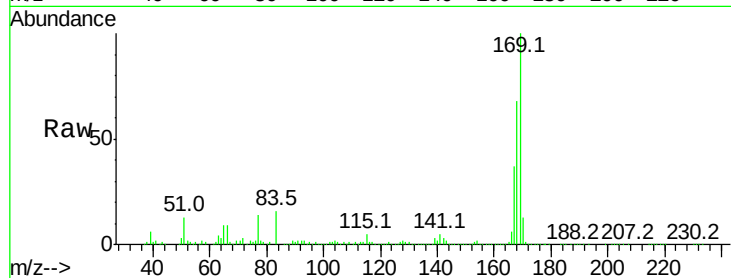
Tot Ion:169 Resp: 491435

Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

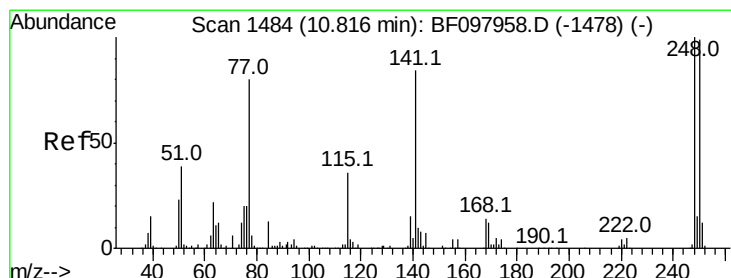
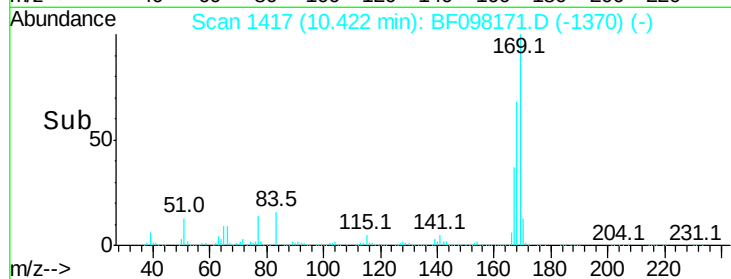
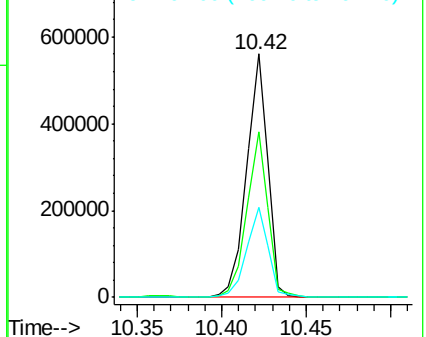
167 36.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.270 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

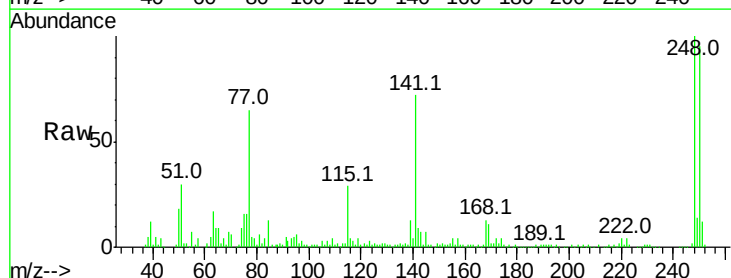
Tgt Ion:248 Resp: 149652

Ion Ratio Lower Upper

248 100

250 94.6 76.8 115.2

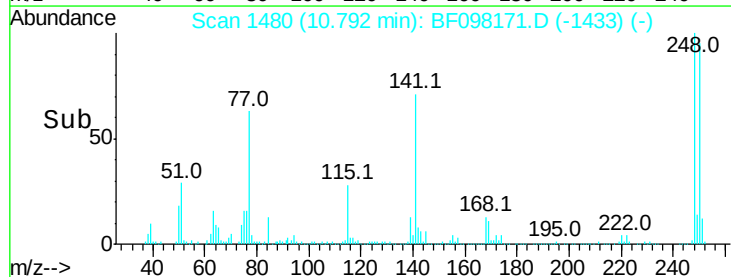
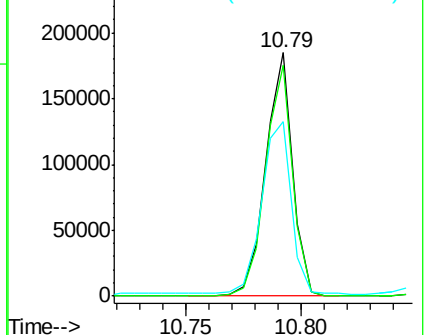
141 71.6 68.6 103.0

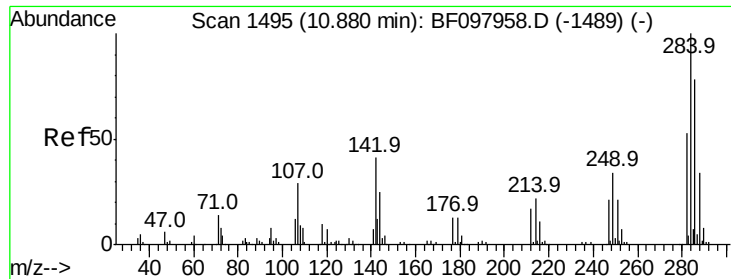


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

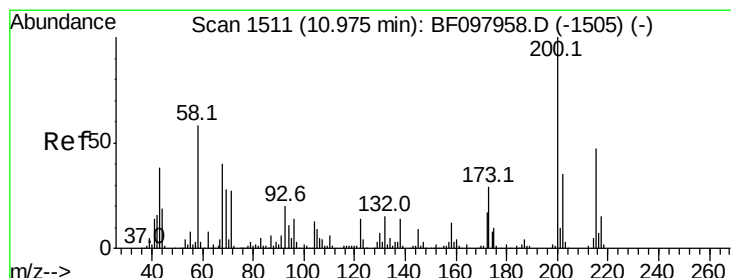
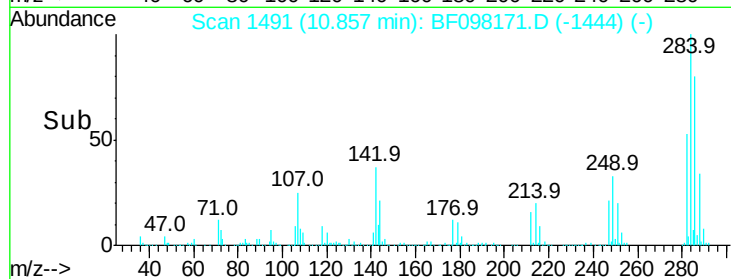
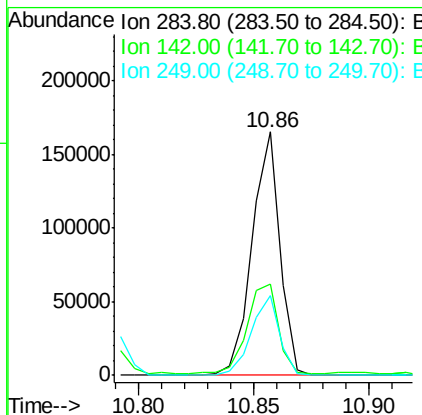
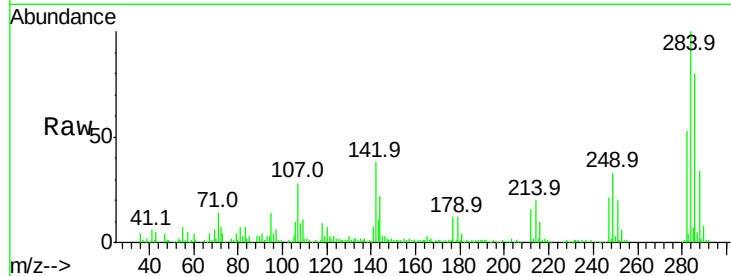




#67
Hexachlorobenzene
Concen: 43.313 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.02 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

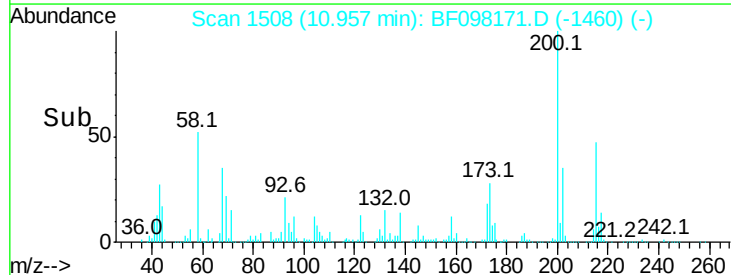
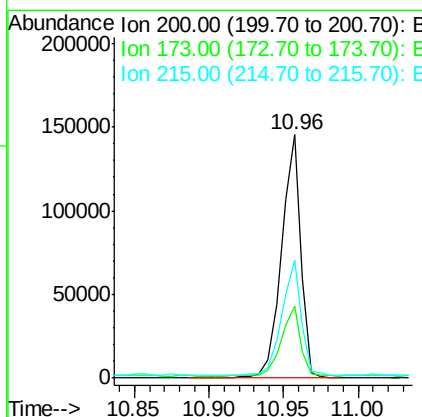
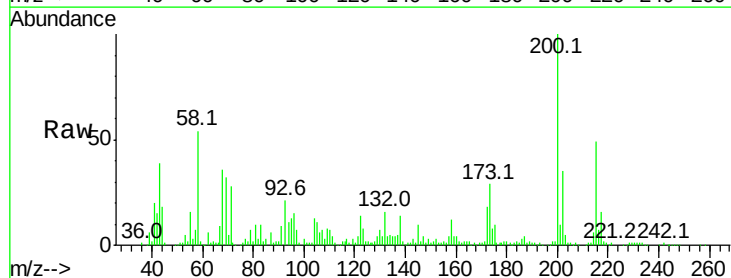
Instrument :
BNA_F
ClientSampled :

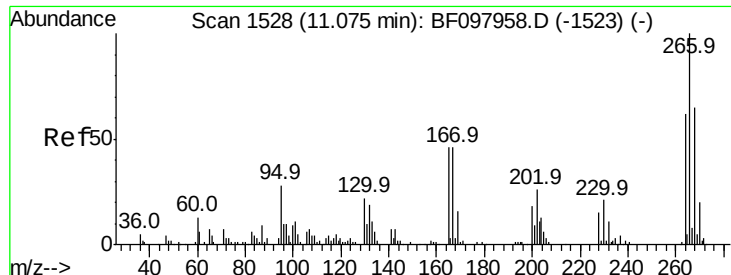
Tot Ion	Ratio	Lower	Upper
284	100		
142	37.7	22.8	34.2#
249	32.6	24.0	36.0



#68
Atrazine
Concen: 48.494 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.5	6.3	46.3
215	48.5	27.2	67.2

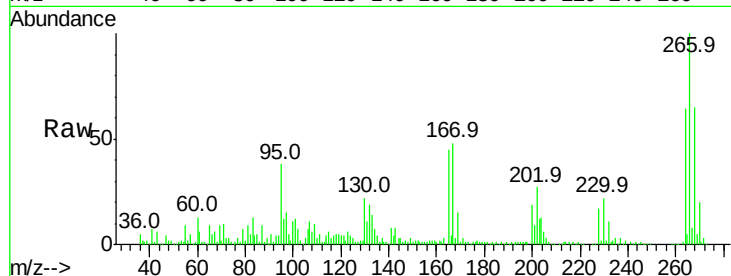




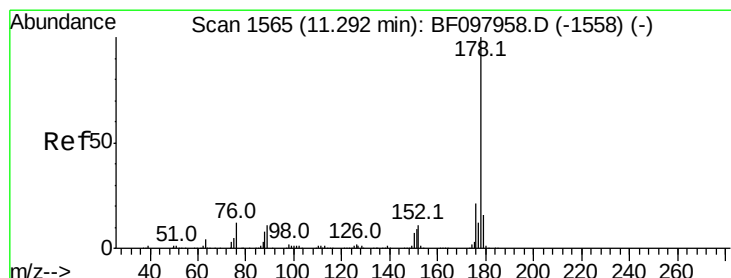
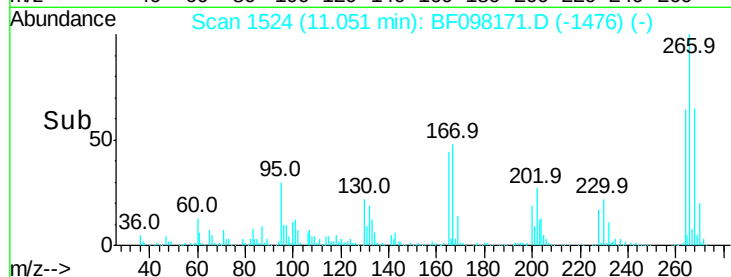
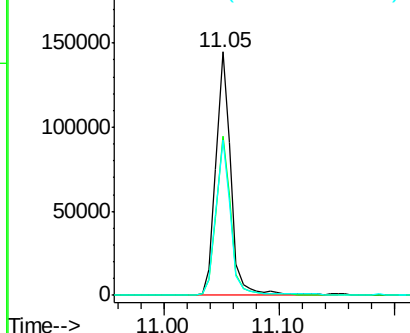
#69
 Pentachlorophenol
 Concen: 70.080 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.1	76.7
264	63.6	51.7	77.5

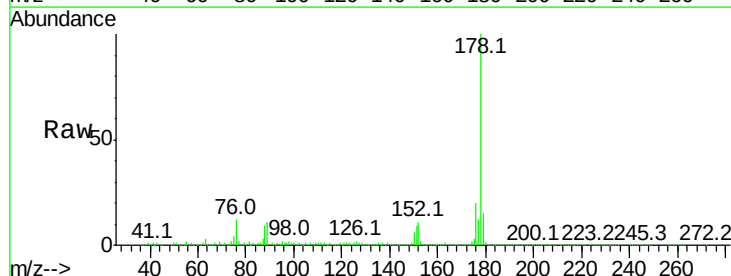


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

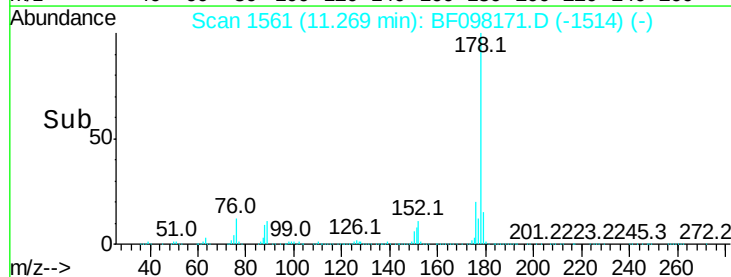
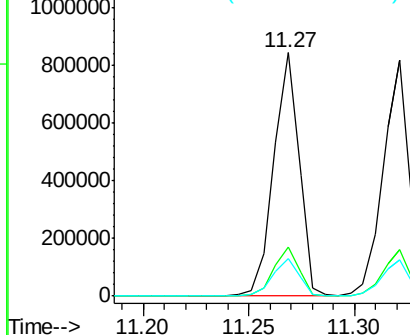


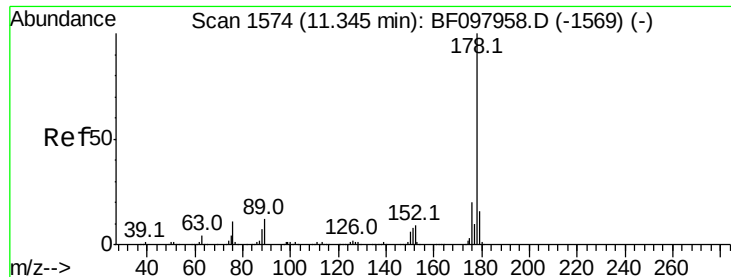
#70
 Phenanthrene
 Concen: 43.329 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.02 min
 Lab File: BF098171.D
 Acq: 30 Aug 2017 22:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.3	12.6	19.0



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





#71

Anthracene

Concen: 42.604 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

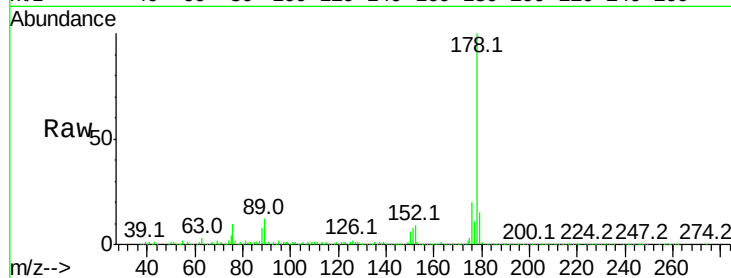
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 702009

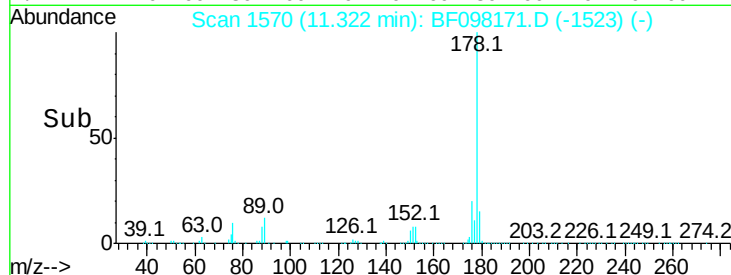
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.3	12.7	19.1



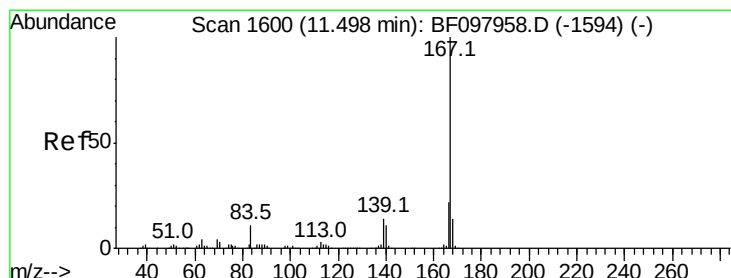
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.25 11.30 11.35 11.40



#72

Carbazole

Concen: 41.883 ng

RT: 11.47 min Scan# 1596

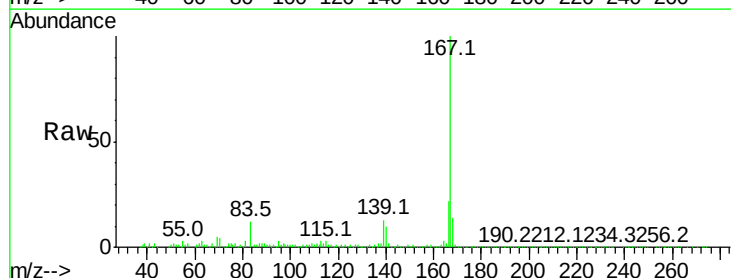
Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Tgt Ion:167 Resp: 655076

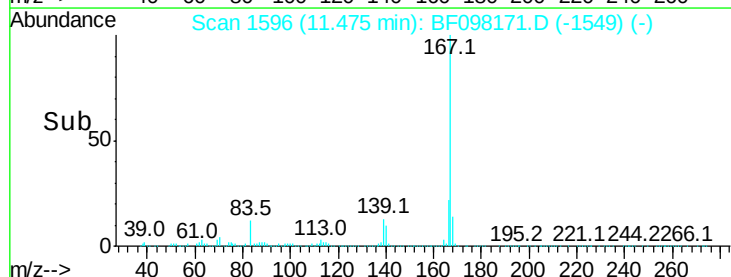
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.4	11.7	17.5



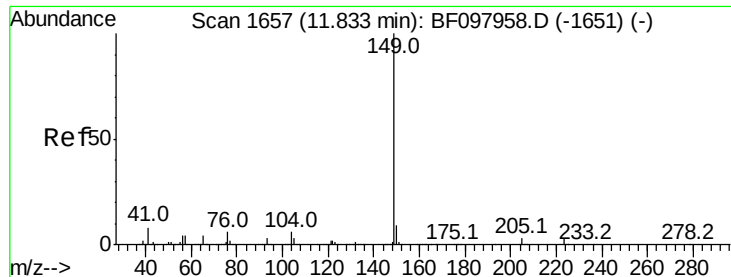
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 11.40 11.45 11.50 11.55



#73

Di-n-butylphthalate

Concen: 44.093 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

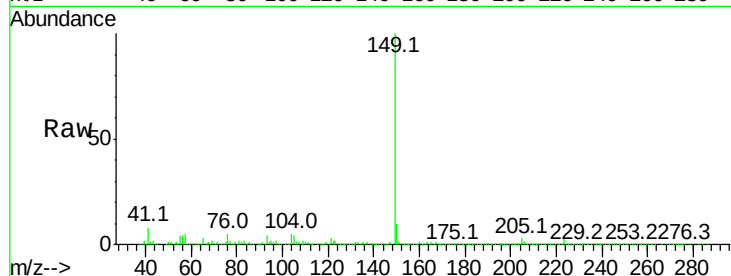
Tot Ion:149 Resp: 794371

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

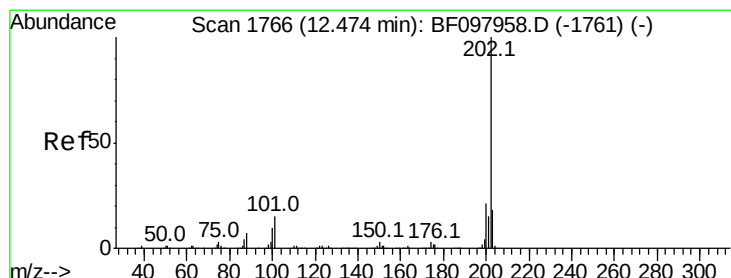
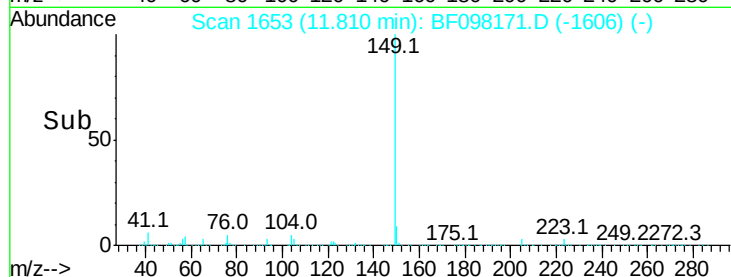
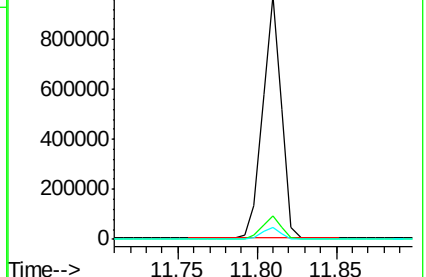
104 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.705 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

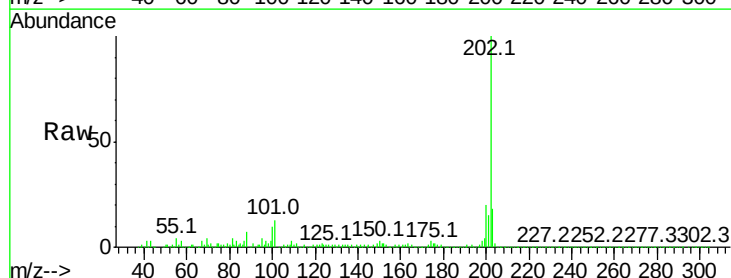
Tgt Ion:202 Resp: 673258

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

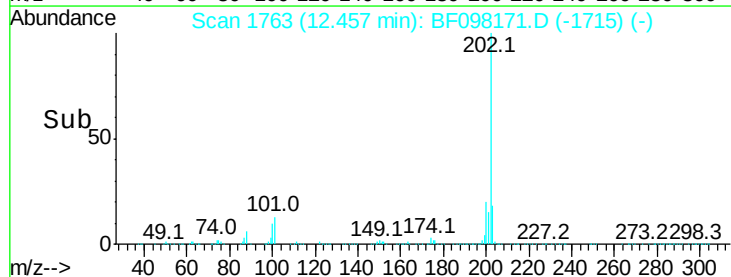
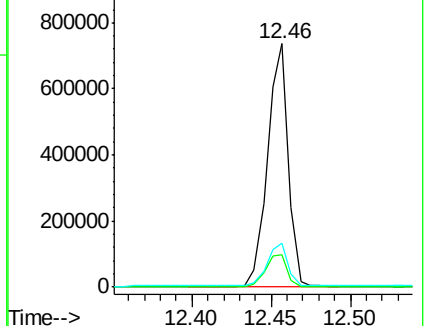
203 18.1 0.0 38.1

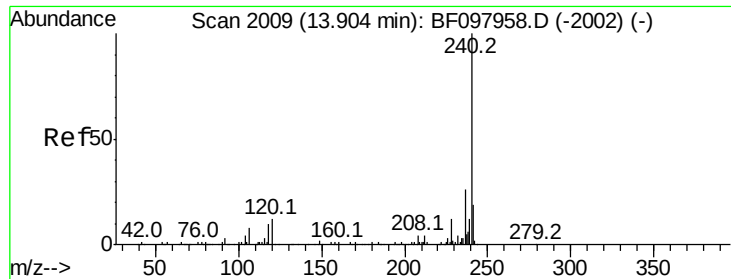


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

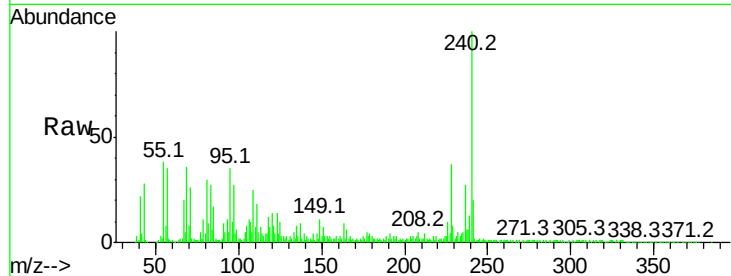
Tot Ion:240 Resp: 206014

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

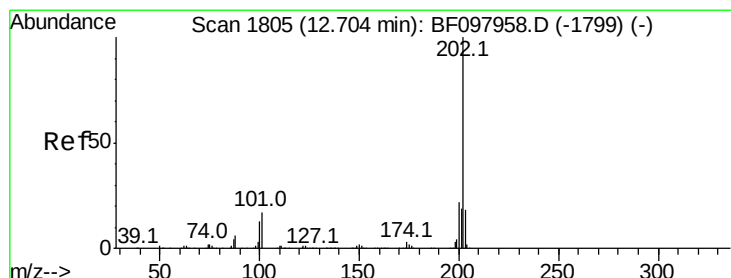
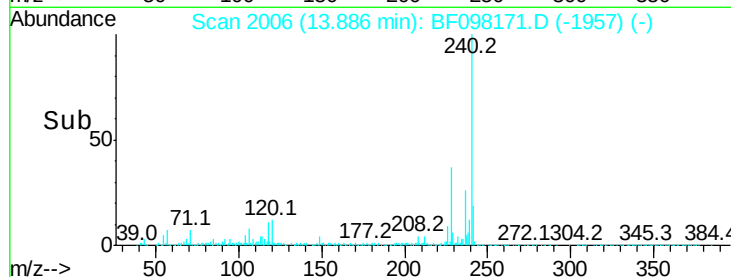
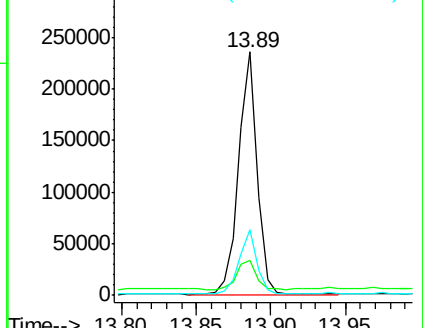
236 26.8 20.5 30.7



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: 40.218 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

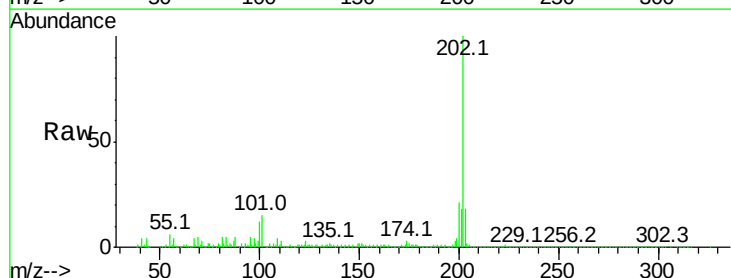
Tgt Ion:202 Resp: 677652

Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

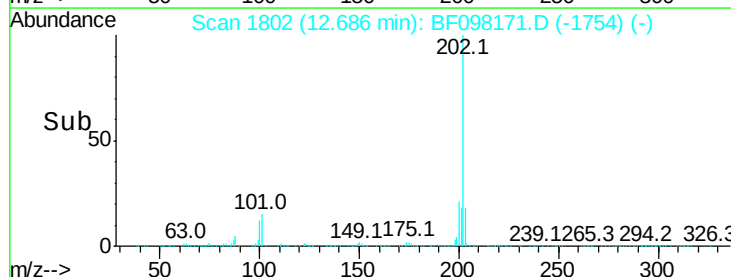
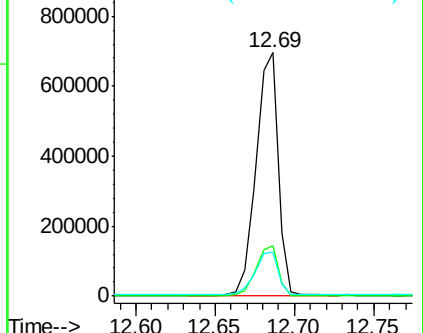
203 18.2 14.4 21.6

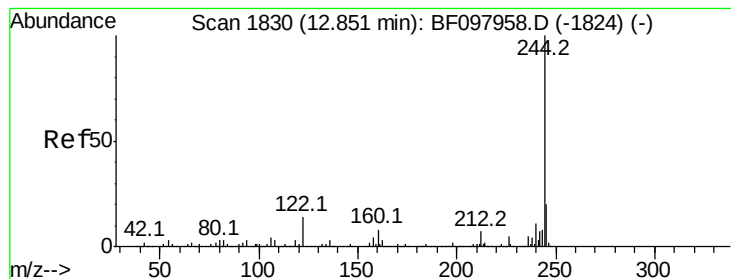


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.931 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

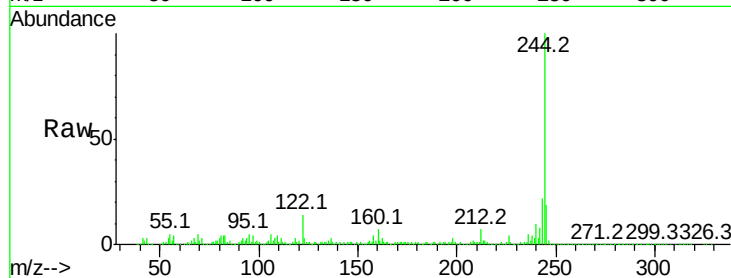
Tot Ion:244 Resp: 720502

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

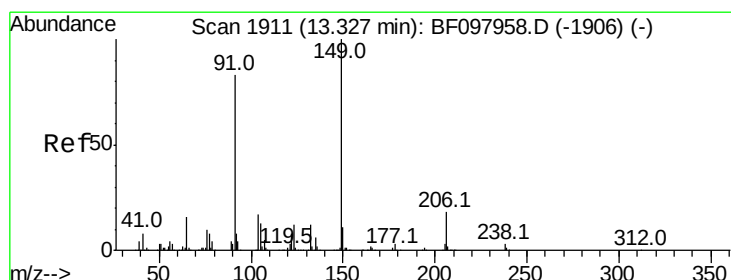
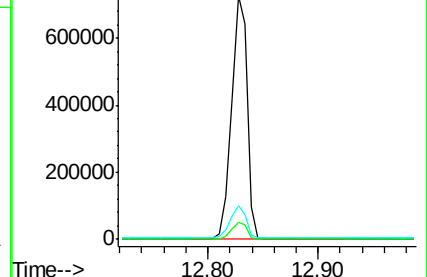
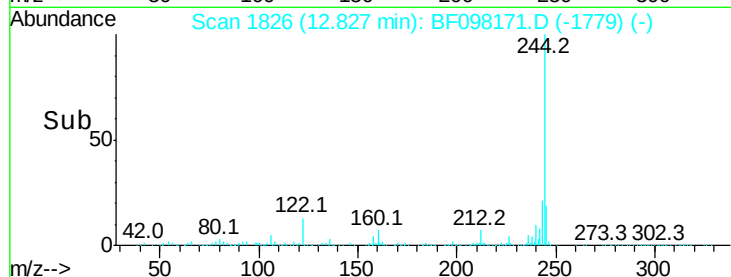
122 13.9 10.3 15.5



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: 43.529 ng

RT: 13.31 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

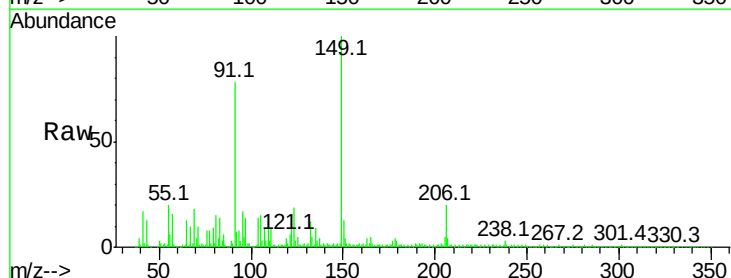
Tgt Ion:149 Resp: 281204

Ion Ratio Lower Upper

149 100

91 77.7 45.0 67.4#

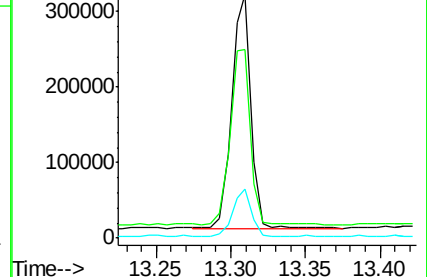
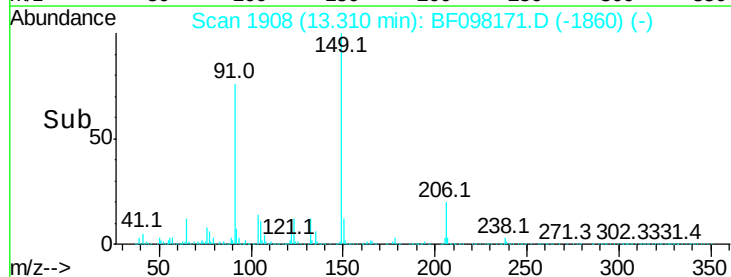
206 20.4 17.0 25.6

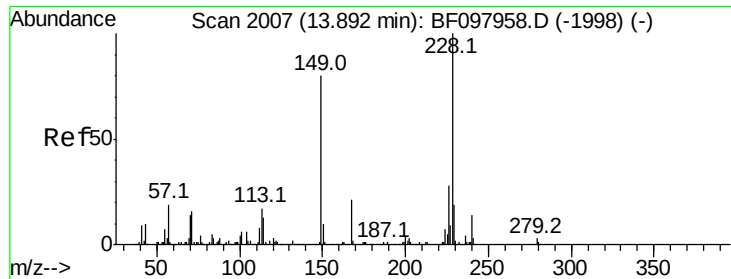


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.026 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

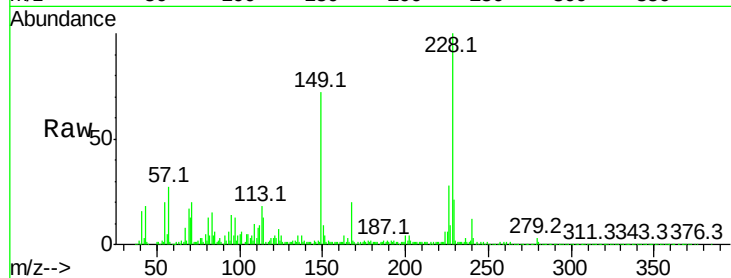
Tot Ion:228 Resp: 506554

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

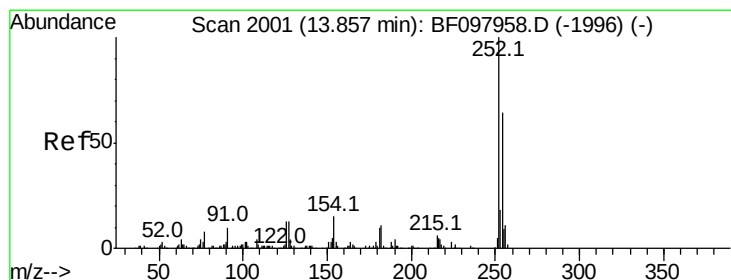
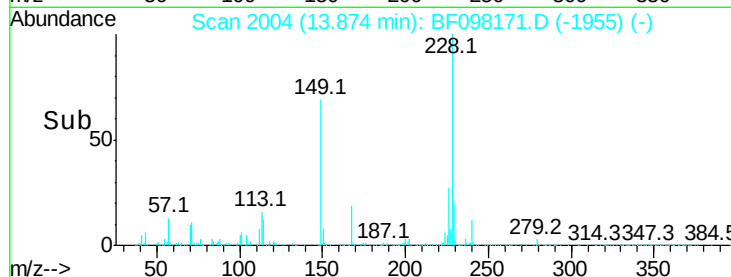
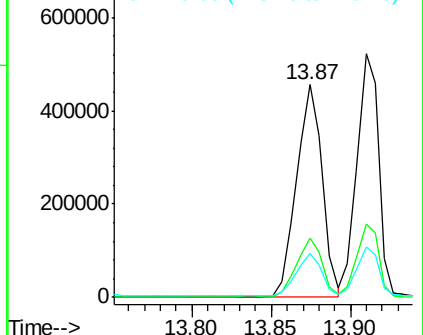
229 20.6 16.3 24.5



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: 12.501 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

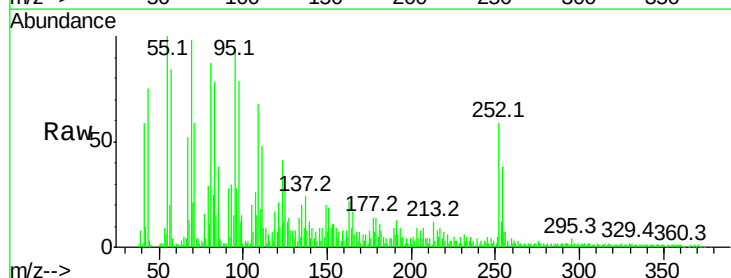
Tgt Ion:252 Resp: 52086

Ion Ratio Lower Upper

252 100

254 64.5 51.5 77.3

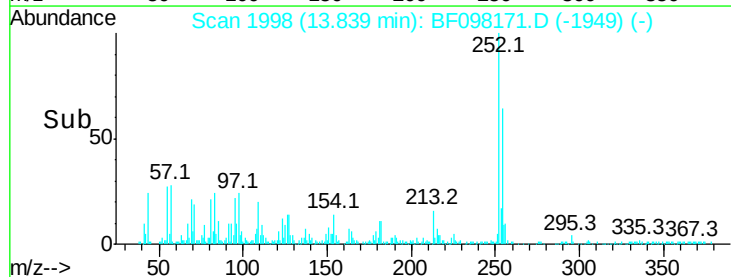
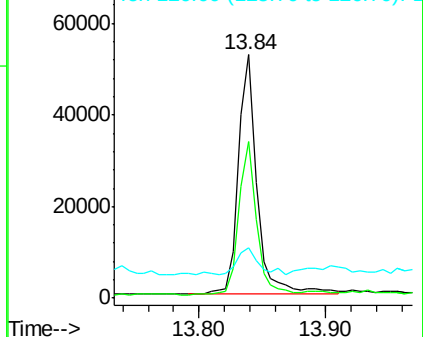
126 20.7 15.8 23.8

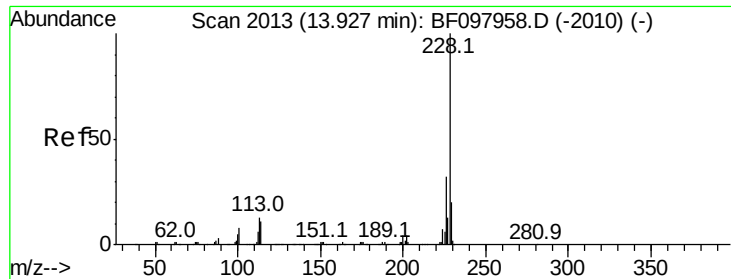


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 40.574 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

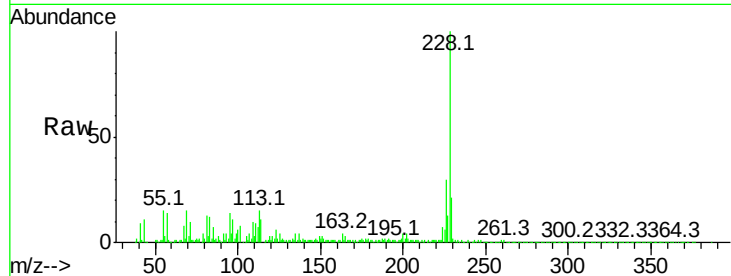
Tot Ion:228 Resp: 498352

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

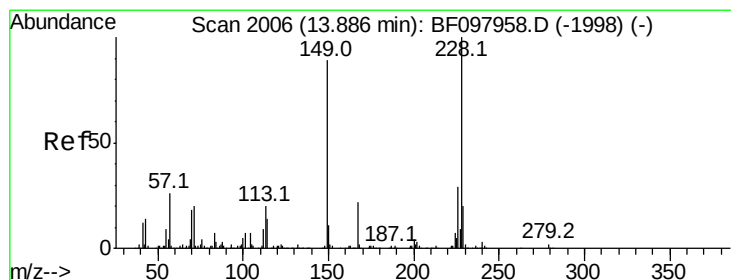
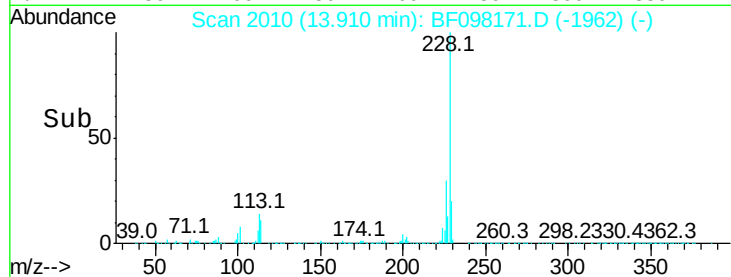
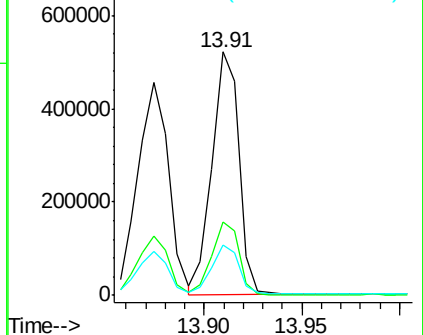
229 20.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.608 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

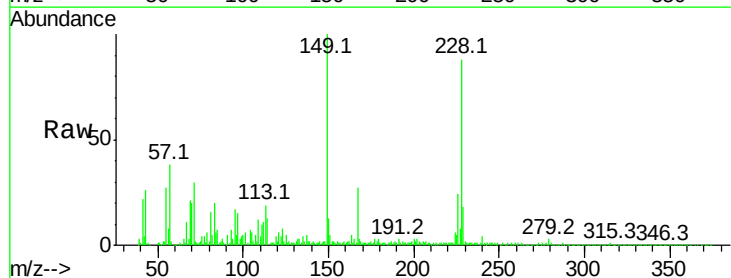
Tgt Ion:149 Resp: 340805

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

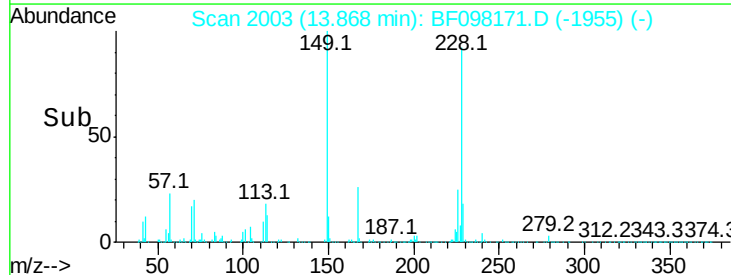
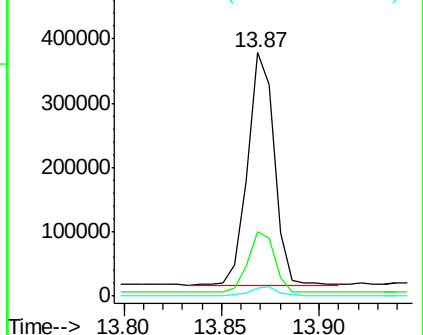
279 3.1 1.9 2.9#

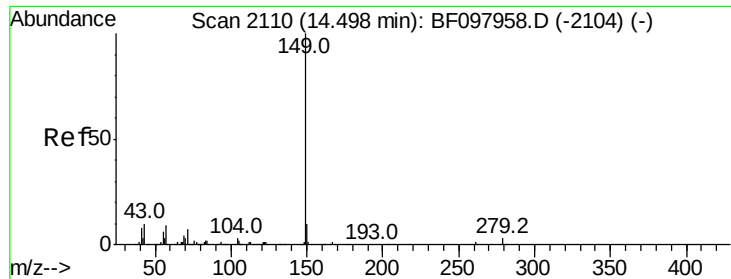


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 46.448 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

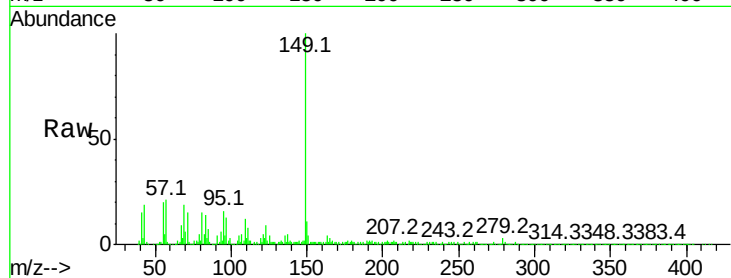
Tot Ion:149 Resp: 578535

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

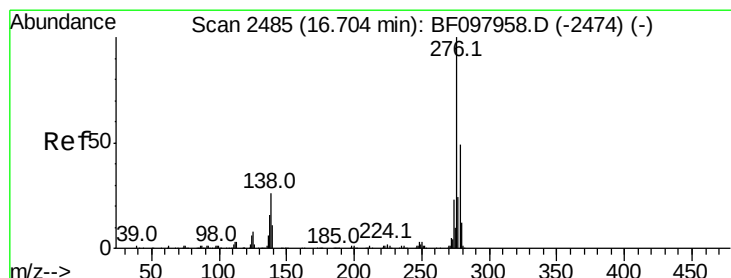
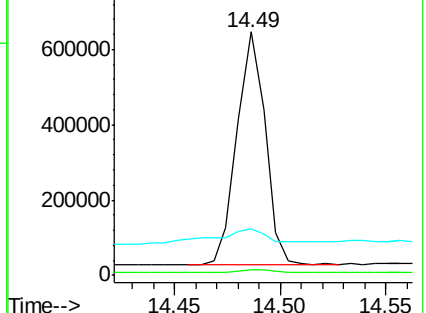
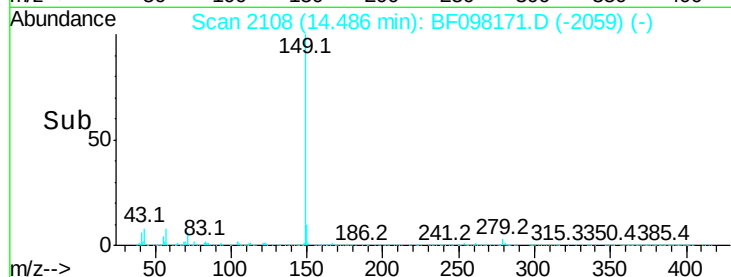
43 11.1 8.5 12.7



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: 56.256 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.02 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

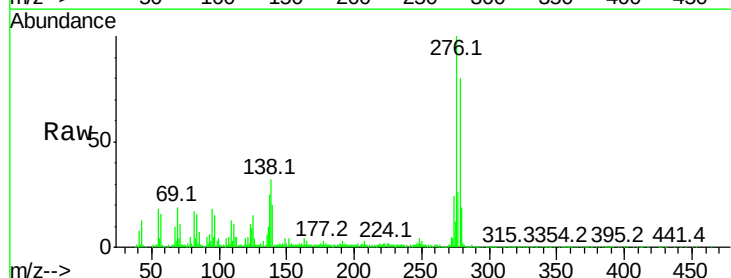
Tgt Ion:276 Resp: 508310

Ion Ratio Lower Upper

276 100

138 30.3 27.8 41.6

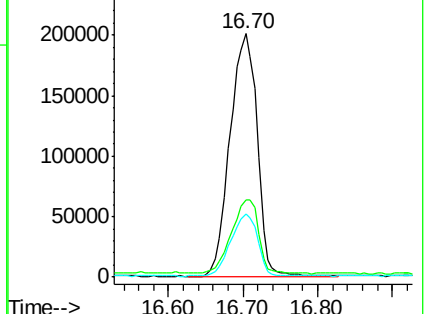
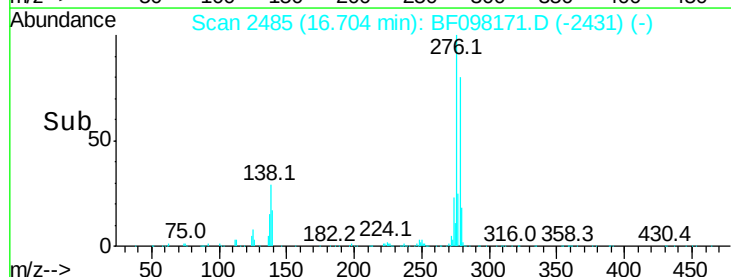
277 25.4 20.2 30.4

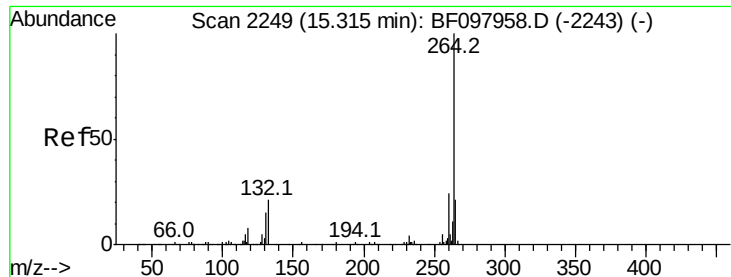


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

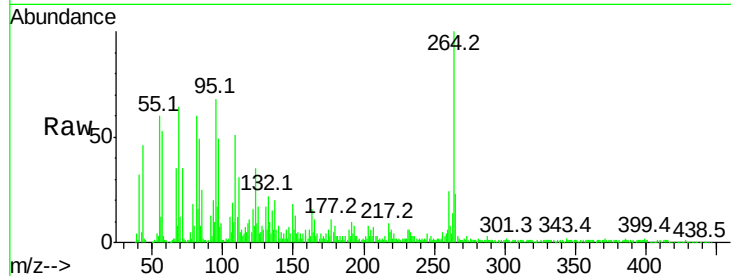
Tot Ion:264 Resp: 189382

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

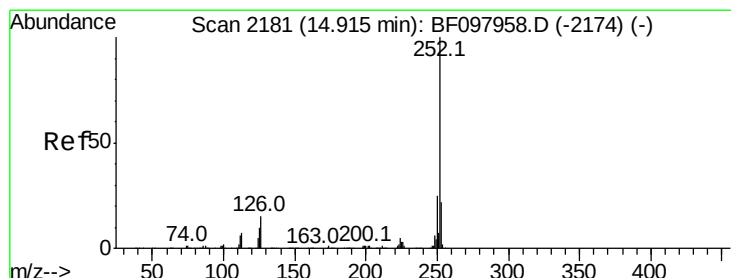
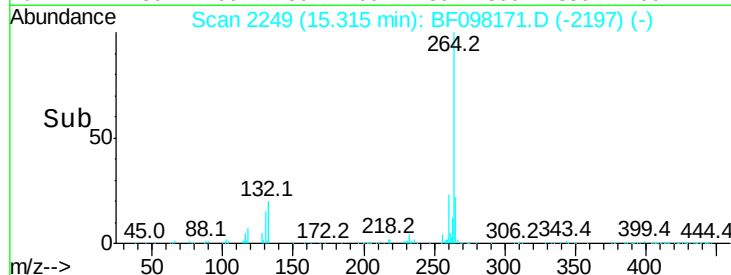
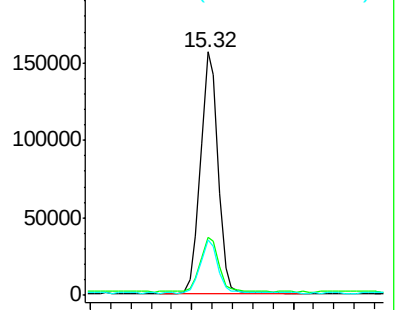
265 23.0 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 43.303 ng

RT: 14.91 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

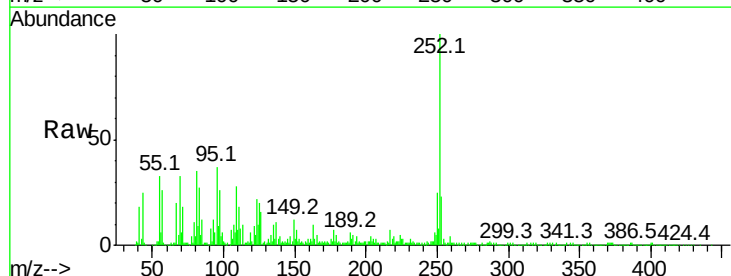
Tgt Ion:252 Resp: 516922

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

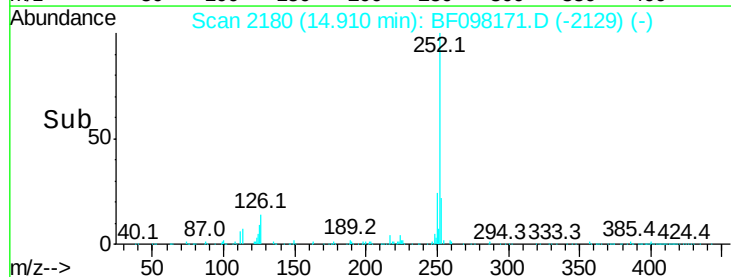
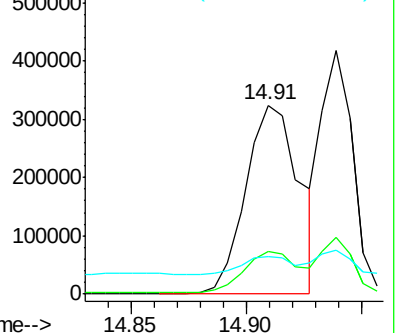
125 19.9 9.8 14.8#

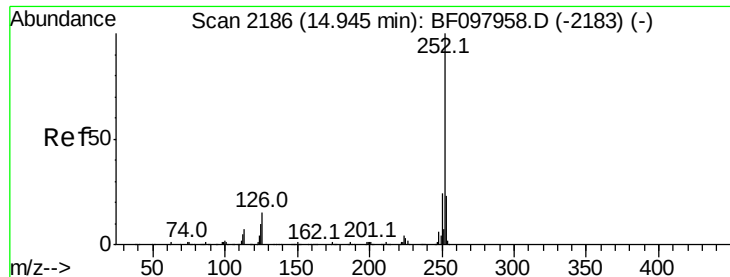


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

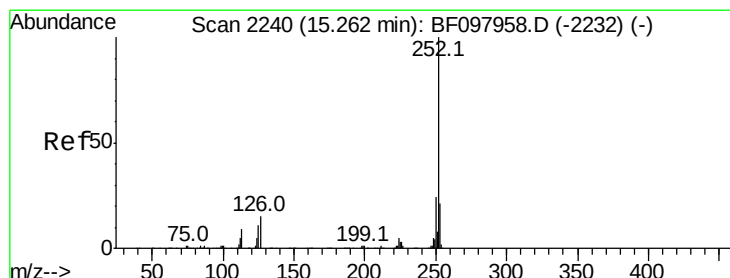
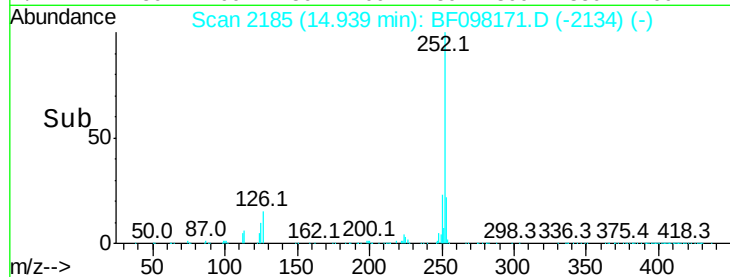
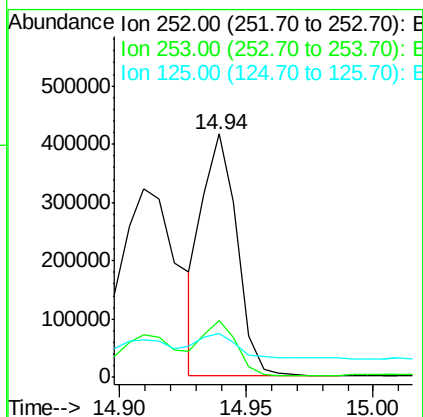
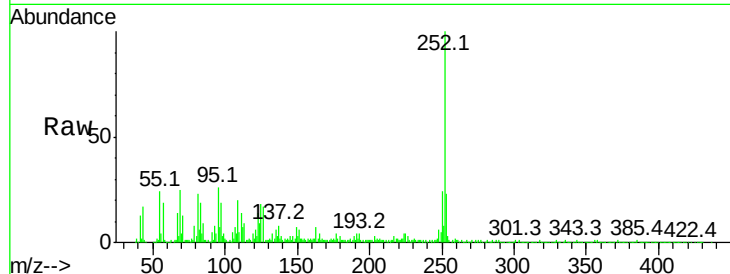




#88
Benzo(k)fluoranthene
Concen: 35.234 ng
RT: 14.94 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

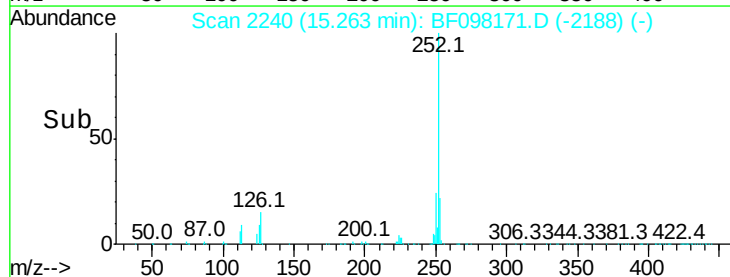
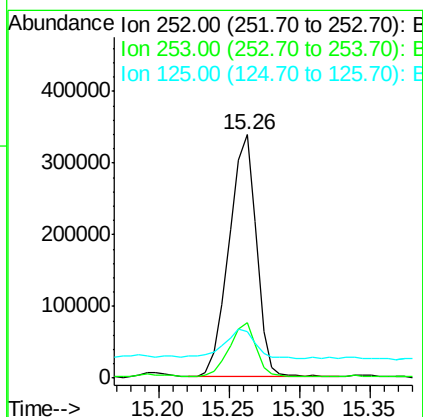
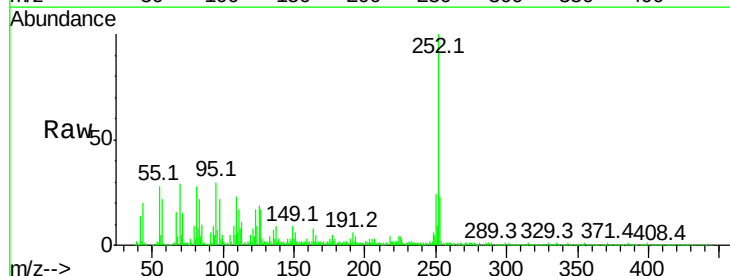
Instrument :
BNA_F
ClientSampleId :

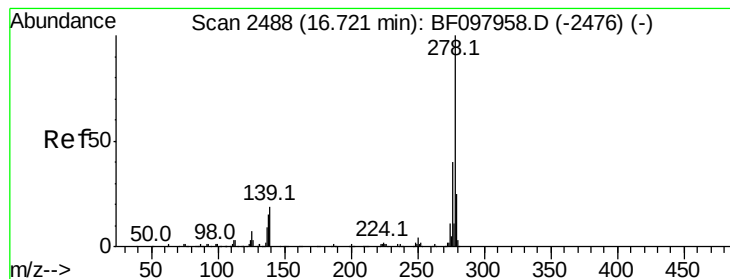
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	18.0	13.1	19.7



#89
Benzo(a)pyrene
Concen: 43.365 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF098171.D
Acq: 30 Aug 2017 22:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	19.4	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 49.312 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

Instrument :

BNA_F

ClientSampleId :

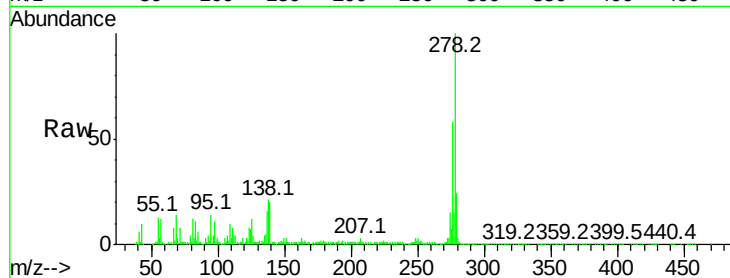
Tot Ion:278 Resp: 424251

Ion Ratio Lower Upper

278 100

139 20.0 16.6 24.8

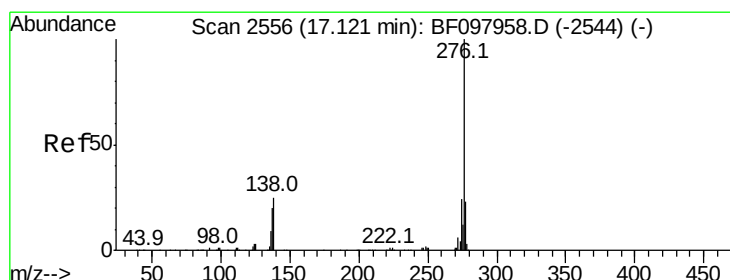
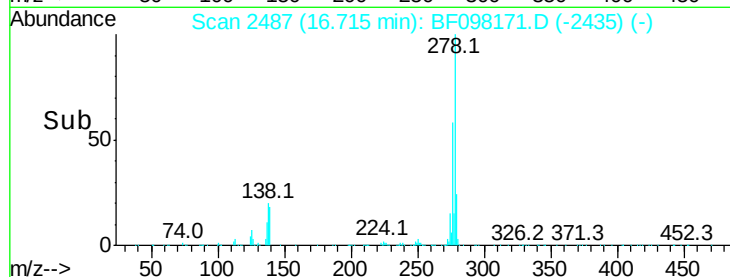
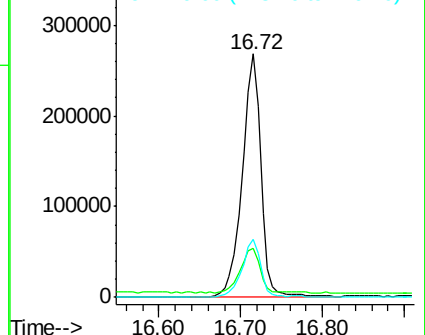
279 23.9 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 47.094 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF098171.D

Acq: 30 Aug 2017 22:26

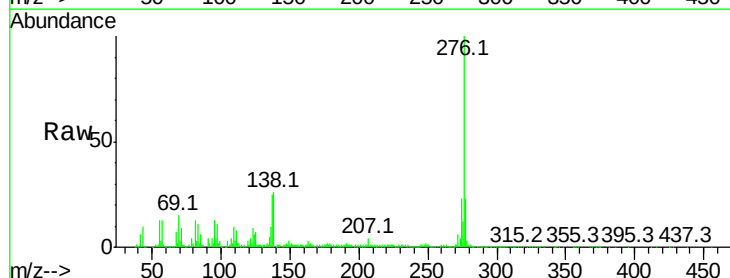
Tgt Ion:276 Resp: 422761

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 26.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

