

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098138.D
 Acq On : 30 Aug 2017 5:15
 Operator : SJ/JU
 Sample : I4986-03MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 07:47:57 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	6.73	152	124676	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	479561	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	200569	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	322739	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	250090	20.00	ng	0.00
86) Perylene-d12	15.30	264	205039	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	817895	99.78	ng	0.00
7) Phenol-d6	6.38	99	1114582	100.08	ng	0.00
23) Nitrobenzene-d5	7.30	82	759362	86.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	198271	113.93	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1127453	82.59	ng	-0.01
78) Terphenyl-d14	12.84	244	785508	65.50	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	119937	26.238	ng	# 76
3) Pyridine	3.20	79	246345	19.494	ng	86
4) n-Nitrosodimethylamine	3.15	42	138258	28.434	ng	# 74
6) Aniline	6.40	93	245949	15.721	ng	# 78
8) 2-Chlorophenol	6.52	128	302467	34.991	ng	95
9) Benzaldehyde	6.28	77	89225	12.649	ng	85
10) Phenol	6.39	94	392659	30.146	ng	97
11) bis(2-Chloroethyl)ether	6.47	93	343997	34.992	ng	97
12) 1,3-Dichlorobenzene	6.67	146	271480	29.197	ng	# 93
13) 1,4-Dichlorobenzene	6.75	146	279939	29.603	ng	# 93
14) 1,2-Dichlorobenzene	6.90	146	262661	30.123	ng	98
15) Benzyl Alcohol	6.88	79	301744	36.189	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	442797	33.477	ng	89
17) 2-Methylphenol	7.00	107	277810	36.469	ng	96
18) Hexachloroethane	7.25	117	103479	27.910	ng	# 80
19) n-Nitroso-di-n-propylamine	7.16	70	259184	33.997	ng	90
20) 3+4-Methylphenols	7.15	107	332235	35.708	ng	92
22) Acetophenone	7.15	105	451921	35.672	ng	# 90
24) Nitrobenzene	7.32	77	386572	39.329	ng	93
25) Isophorone	7.56	82	707723	38.555	ng	97
26) 2-Nitrophenol	7.64	139	149378	42.611	ng	# 86
27) 2,4-Dimethylphenol	7.68	122	289171	37.773	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	460618	38.169	ng	98
29) 2,4-Dichlorophenol	7.88	162	243222	38.274	ng	91
30) 1,2,4-Trichlorobenzene	7.96	180	238513	33.857	ng	100
31) Naphthalene	8.05	128	862414	34.640	ng	99
32) Benzoic acid	7.80	122	147032	29.248	ng	89
33) 4-Chloroaniline	8.09	127	127613	12.154	ng	98
34) Hexachlorobutadiene	8.16	225	137466	33.421	ng	98
35) Caprolactam	8.46	113	56041	25.940	ng	99
36) 4-Chloro-3-methylphenol	8.58	107	290292	35.555	ng	# 79
37) 2-Methylnaphthalene	8.73	142	573662	37.583	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	231806	37.659	ng	99
40) Hexachlorocyclopentadiene	8.88	237	94726	32.033	ng	99

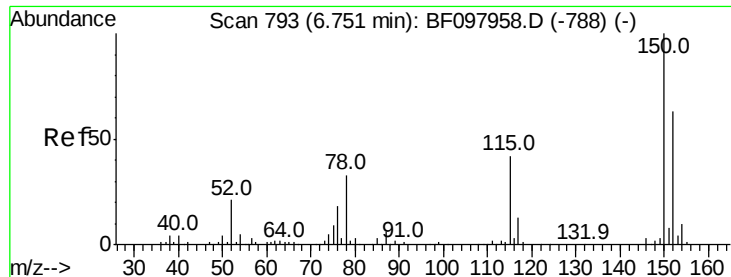
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098138.D
 Acq On : 30 Aug 2017 5:15
 Operator : SJ/JU
 Sample : I4986-03MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 07:47:57 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)
42) 2,4,6-Trichlorophenol	9.02	196	157060	38.005	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	161327	39.350	nq	96
45) 1,1'-Biphenyl	9.20	154	676289	36.976	nq	97
46) 2-Chloronaphthalene	9.22	162	486018	35.964	nq	# 92
47) 2-Nitroaniline	9.32	65	189060	41.731	nq	98
48) Acenaphthylene	9.63	152	777375	36.631	nq	99
49) Dimethylphthalate	9.50	163	616240	42.033	nq	98
50) 2,6-Dinitrotoluene	9.56	165	122442	41.839	nq	# 63
51) Acenaphthene	9.80	154	456279	34.090	nq	98
52) 3-Nitroaniline	9.73	138	110840	29.356	nq	83
53) 2,4-Dinitrophenol	9.84	184	41077	35.909	nq	# 78
54) Dibenzofuran	9.98	168	689117	38.416	nq	98
55) 4-Nitrophenol	9.90	139	161438	53.599	nq	# 42
56) 2,4-Dinitrotoluene	9.97	165	151171	41.162	nq	# 66
57) Fluorene	10.32	166	494230	35.636	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	122169	38.488	nq	93
59) Diethylphthalate	10.20	149	615912	40.173	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	245688	38.133	nq	# 84
61) 4-Nitroaniline	10.35	138	125658	35.016	nq	80
62) Azobenzene	10.47	77	683445	37.528	nq	93
64) 4,6-Dinitro-2-methylphenol	10.37	198	30067	24.664	nq	# 78
65) n-Nitrosodiphenylamine	10.43	169	468423	42.622	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	142528	42.527	nq	92
67) Hexachlorobenzene	10.87	284	130789	38.287	nq	# 88
68) Atrazine	10.96	200	106576	36.566	nq	98
69) Pentachlorophenol	11.06	266	128598	64.566	nq	97
70) Phenanthrene	11.28	178	654984	38.085	nq	99
71) Anthracene	11.33	178	666631	38.217	nq	99
72) Carbazole	11.49	167	598643	36.156	nq	99
73) Di-n-butylphthalate	11.82	149	875444	45.903	nq	99
74) Fluoranthene	12.46	202	635623	35.410	nq	98
77) Pyrene	12.69	202	661595	32.345	nq	98
79) Butylbenzylphthalate	13.32	149	320192	40.829	nq	# 73
80) Benzo(a)anthracene	13.88	228	535643	35.736	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	181192	35.824	nq	# 96
82) Chrysene	13.92	228	549332	36.842	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	449089	51.678	nq	99
84) Di-n-octyl phthalate	14.49	149	804846	53.229	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	400736	36.534	nq	93
87) Benzo(b)fluoranthene	14.90	252	489674	37.888	nq	97
88) Benzo(k)fluoranthene	14.93	252	489050	40.276	nq	# 94
89) Benzo(a)pyrene	15.25	252	452079	39.512	nq	99
90) Dibenzo(a,h)anthracene	16.70	278	334434	35.904	nq	97
91) Benzo(g,h,i)perylene	17.10	276	322583	33.190	nq	# 91

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

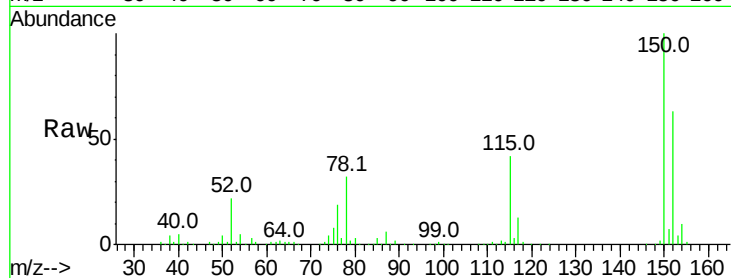


#1

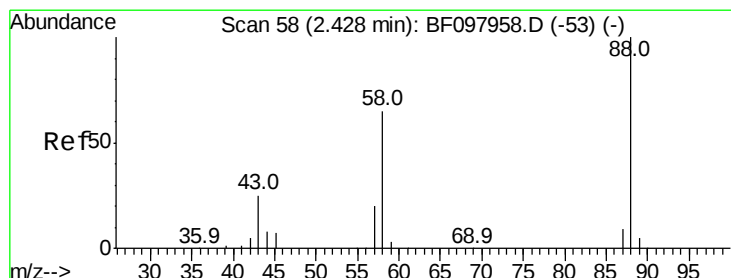
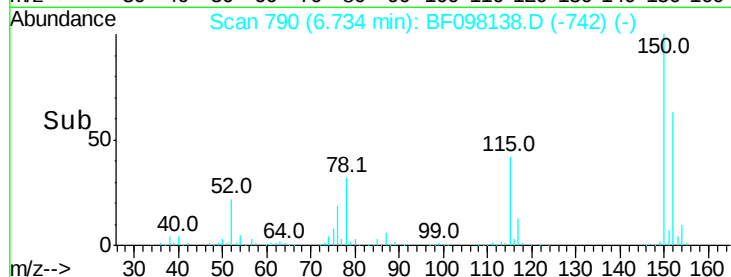
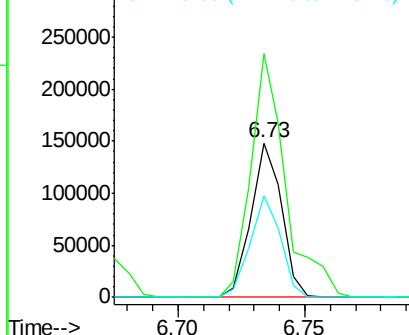
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124676
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.2
115 65.6 52.2 78.2



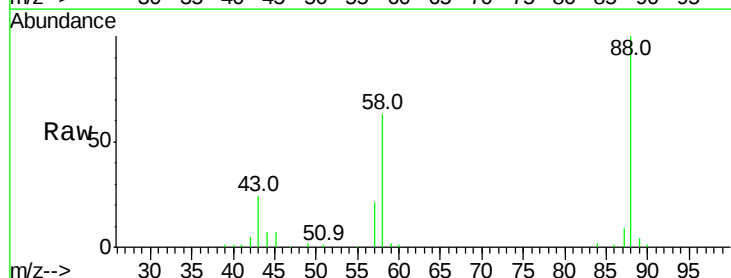
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



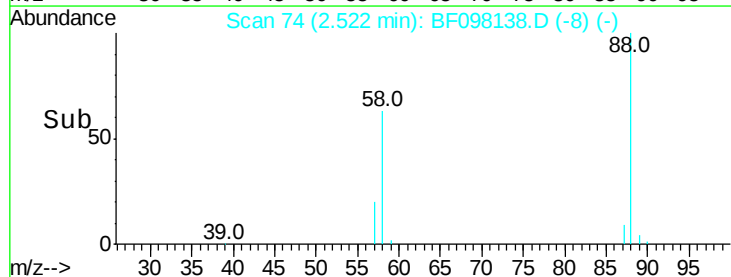
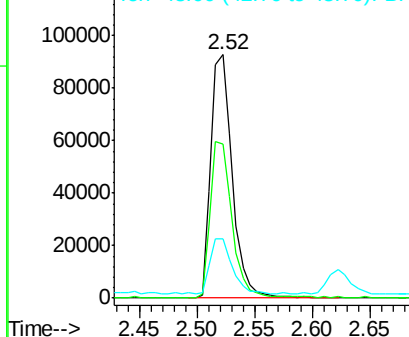
#2

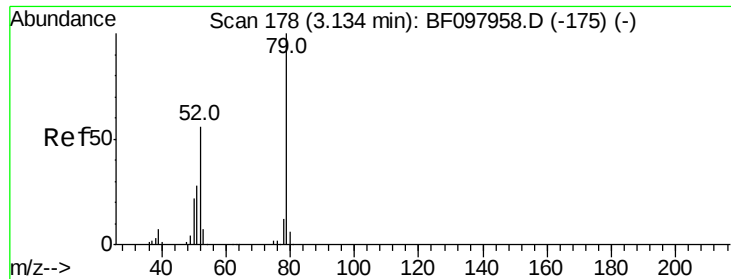
1,4-Dioxane
Concen: 26.238 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.09 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion: 88 Resp: 119937
Ion Ratio Lower Upper
88 100
58 65.4 61.4 92.0
43 0.0 23.4 35.0#



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





#3

Pvridine

Concen: 19.494 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.07 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

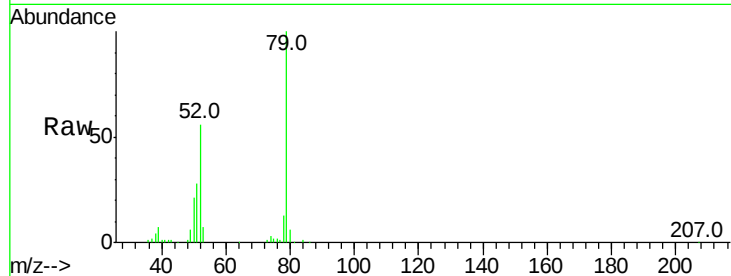
Tot Ion: 79 Resp: 246345

Ion Ratio Lower Upper

79 100

52 55.8 54.8 82.2

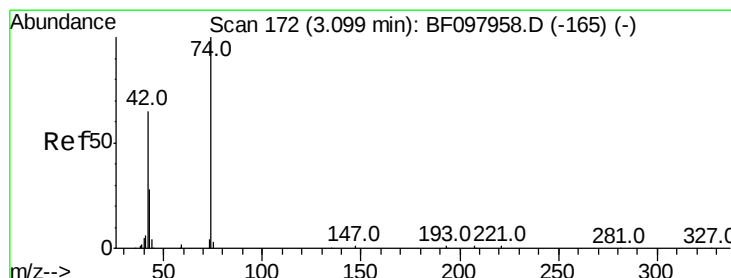
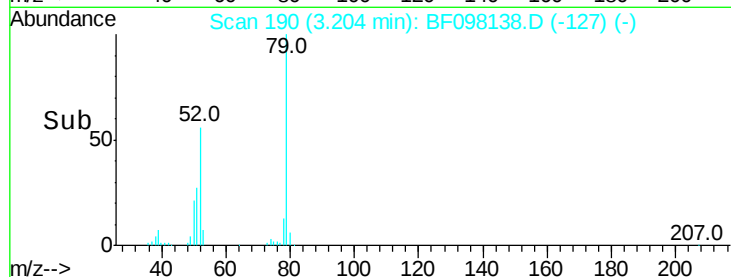
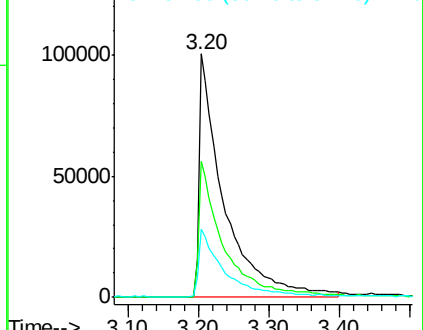
51 27.9 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 28.434 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.04 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

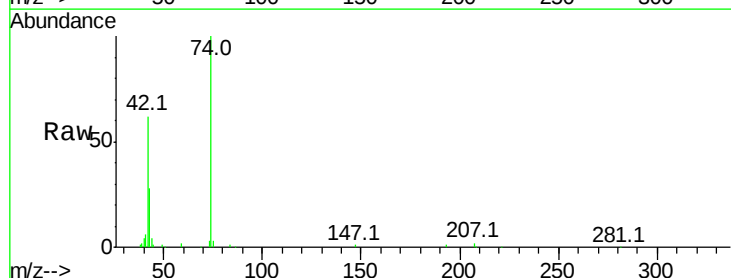
Tgt Ion: 42 Resp: 138258

Ion Ratio Lower Upper

42 100

74 161.7 103.9 155.9#

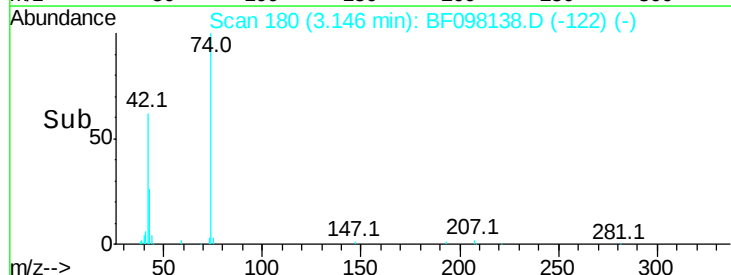
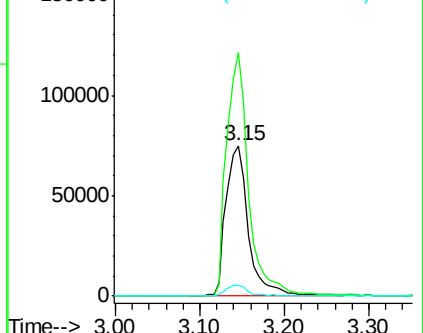
44 6.7 5.7 8.5

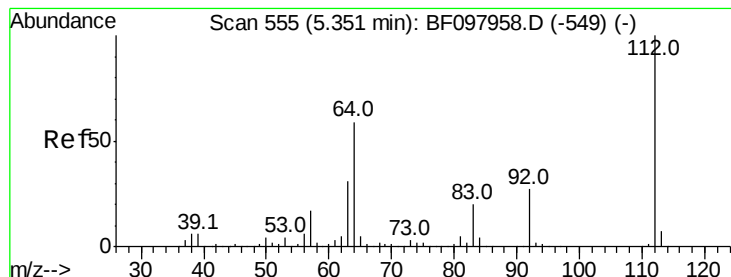


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 99.785 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampled :

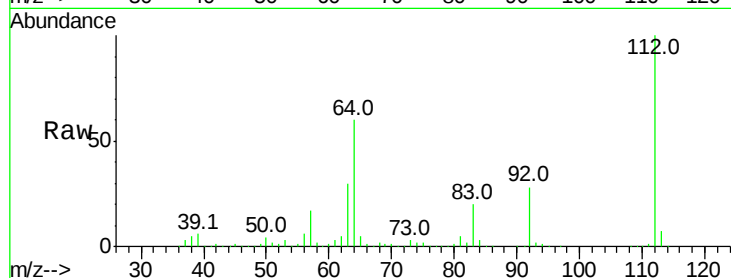
Tot Ion:112 Resp: 817895

Ion Ratio Lower Upper

112 100

64 60.1 46.0 69.0

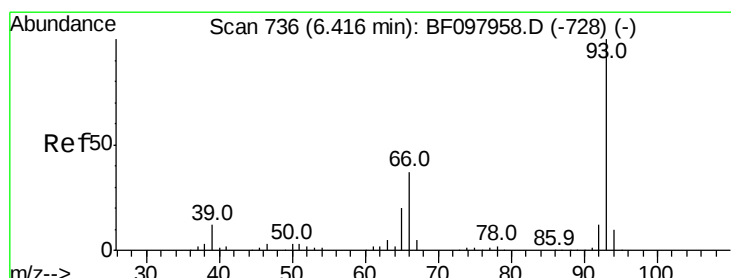
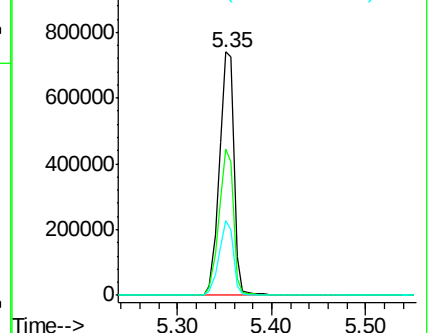
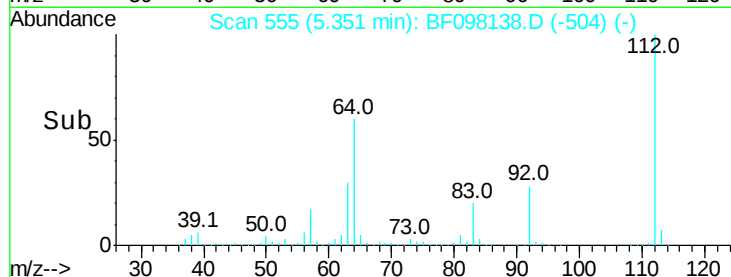
63 30.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.721 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

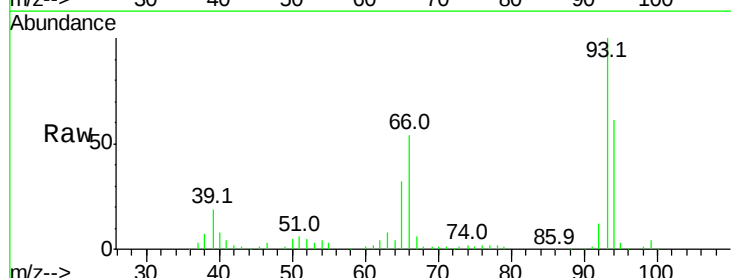
Tgt Ion: 93 Resp: 245949

Ion Ratio Lower Upper

93 100

66 53.7 32.9 49.3#

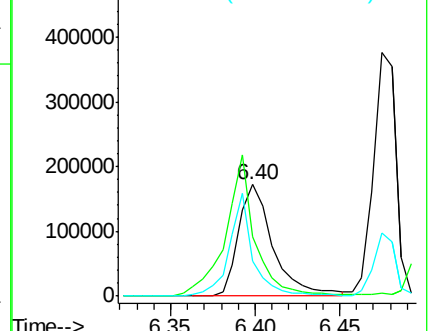
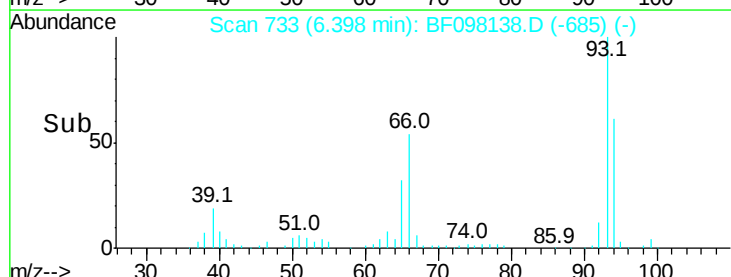
65 31.6 16.0 24.0#

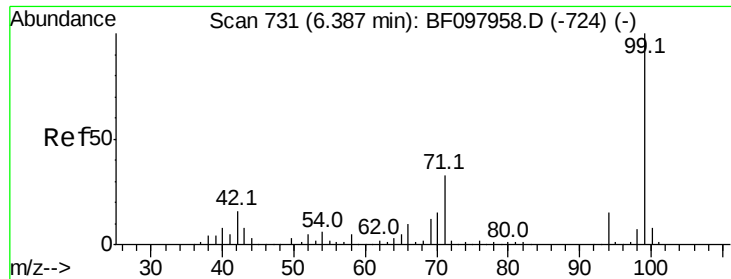


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 100.081 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

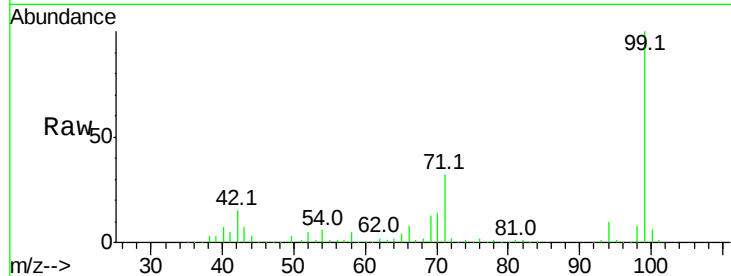
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1114582

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.5	20.3
71	31.7	24.5	36.7

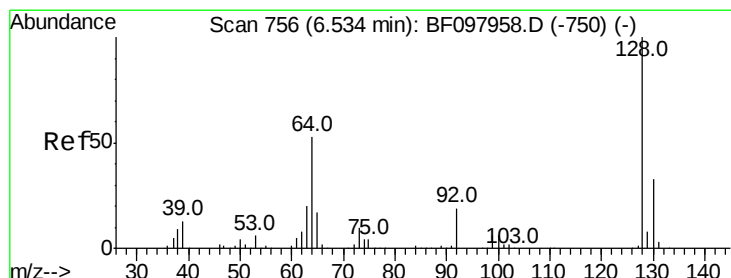
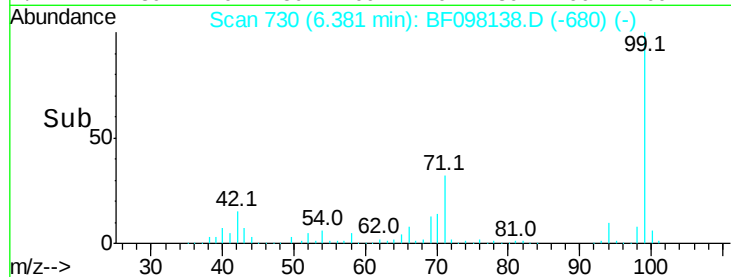


Abundance

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: 34.991 ng

RT: 6.52 min Scan# 754

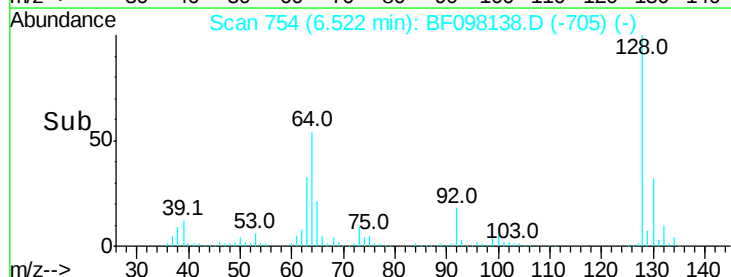
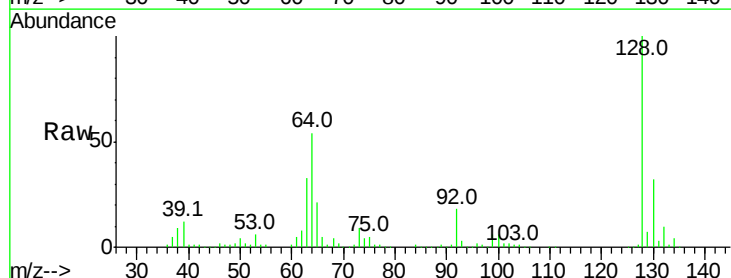
Delta R.T. -0.01 min

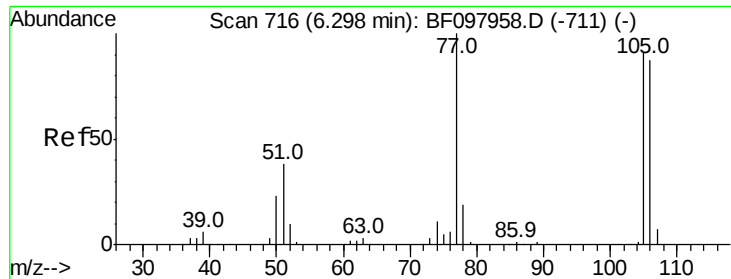
Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion:128 Resp: 302467

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	53.5	28.4	68.4

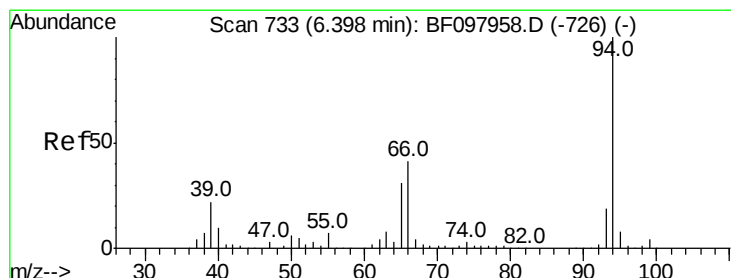
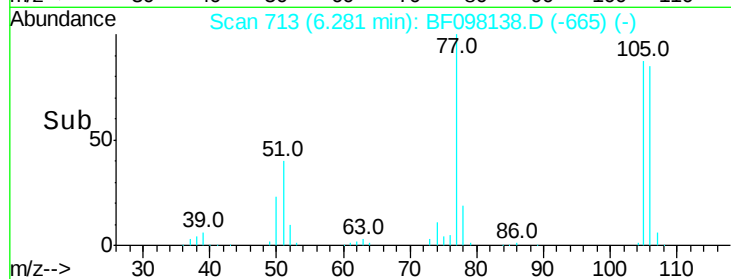
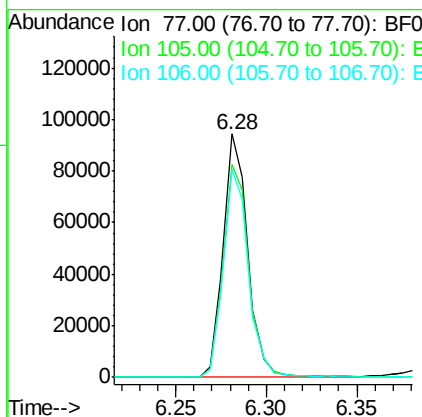
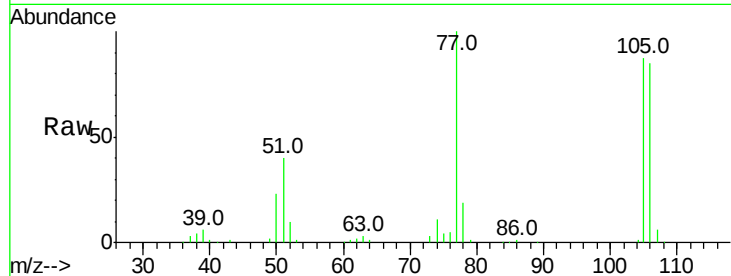




#9
Benzaldehyde
Concen: 12.649 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

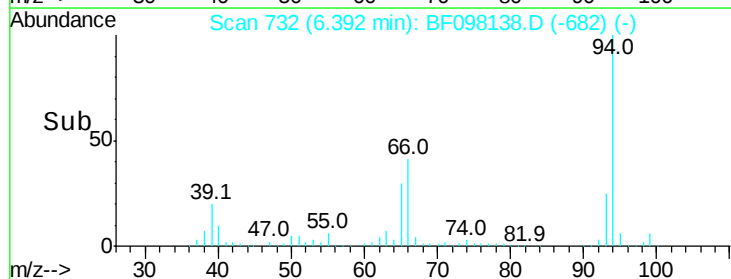
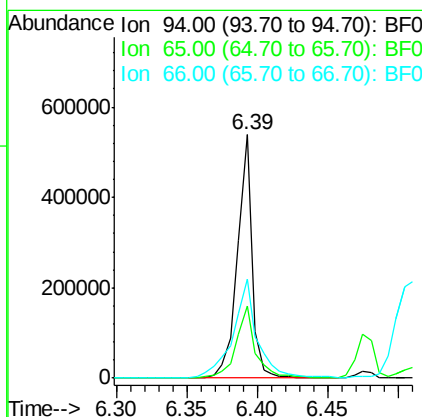
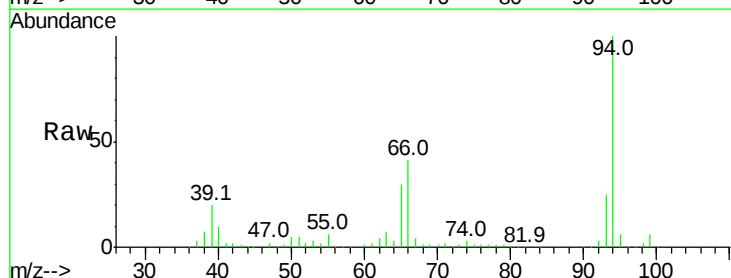
Instrument :
BNA_F
ClientSampleId :

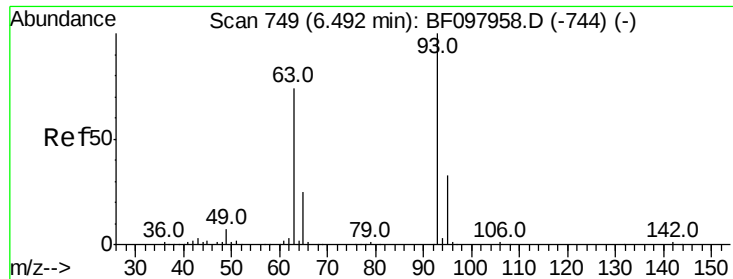
Tot Ion: 77 Resp: 89225
Ion Ratio Lower Upper
77 100
105 87.2 83.8 123.8
106 85.1 79.1 119.1



#10
Phenol
Concen: 30.146 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion: 94 Resp: 392659
Ion Ratio Lower Upper
94 100
65 29.6 9.9 49.9
66 40.5 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 34.992 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

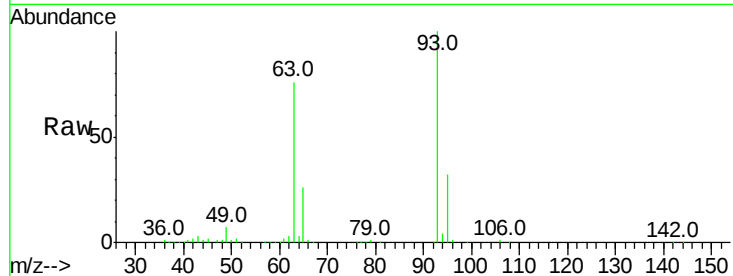
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 343997

Ion	Ratio	Lower	Upper
93	100		
63	75.7	59.2	99.2
95	32.3	12.8	52.8

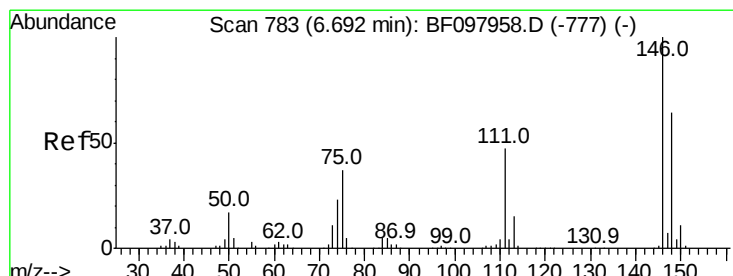
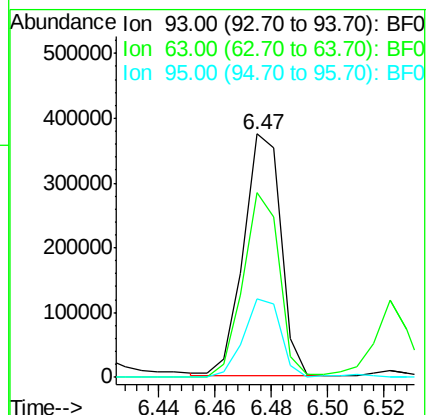
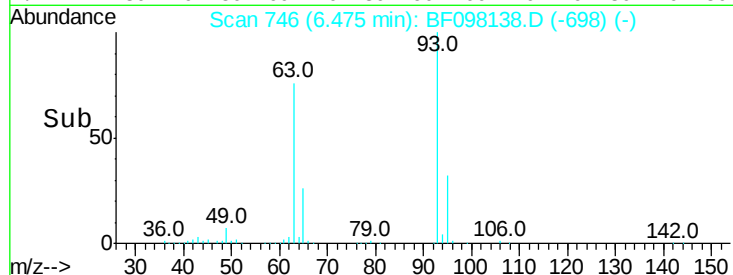


Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 29.197 ng

RT: 6.67 min Scan# 780

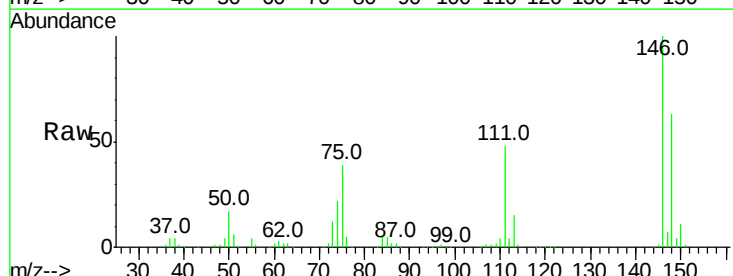
Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion: 146 Resp: 271480

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.6
75	39.0	23.1	34.7#

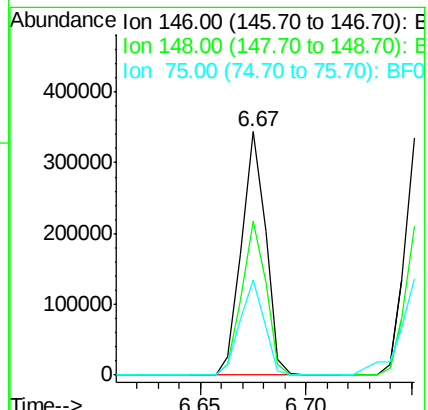
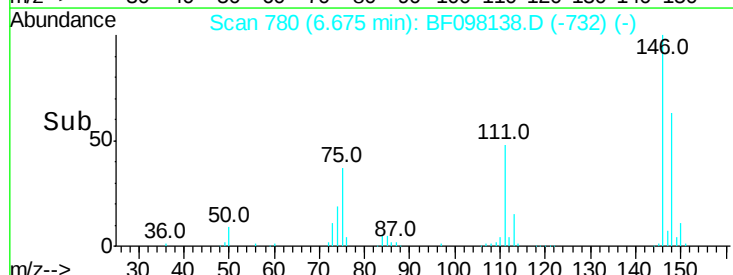


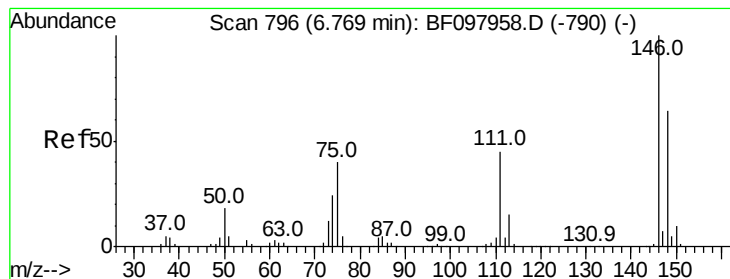
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 29.603 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

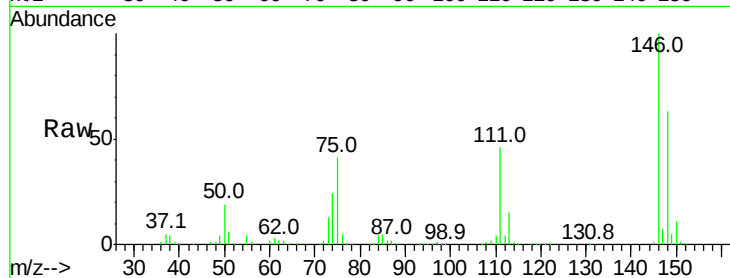
Tot Ion:146 Resp: 279939

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

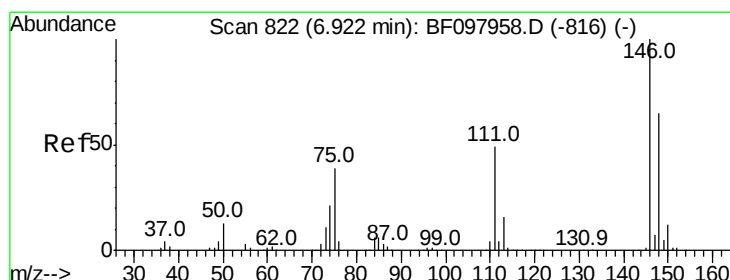
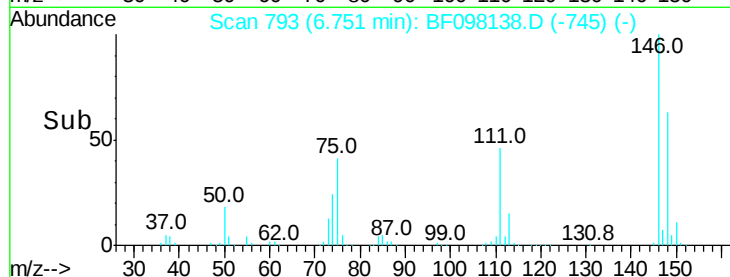
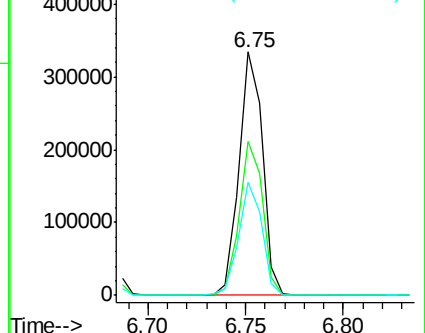
111 46.4 30.3 45.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.123 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

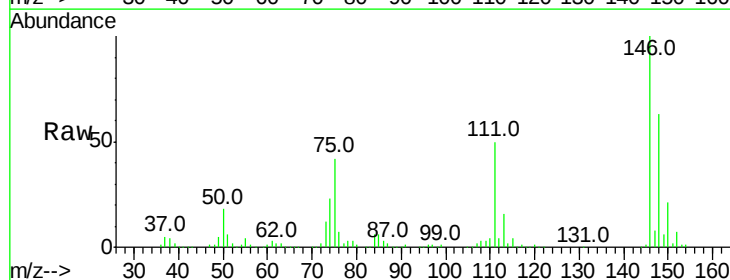
Tgt Ion:146 Resp: 262661

Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

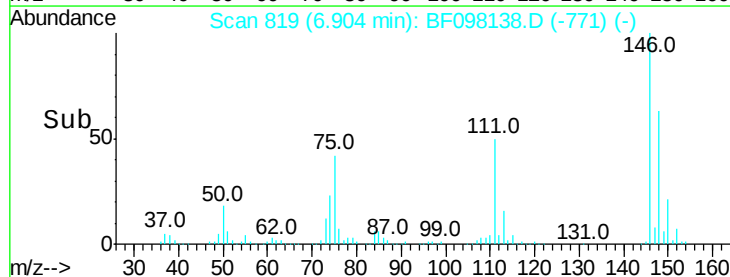
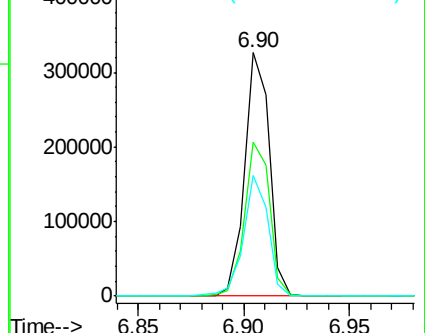
111 49.8 38.2 57.4

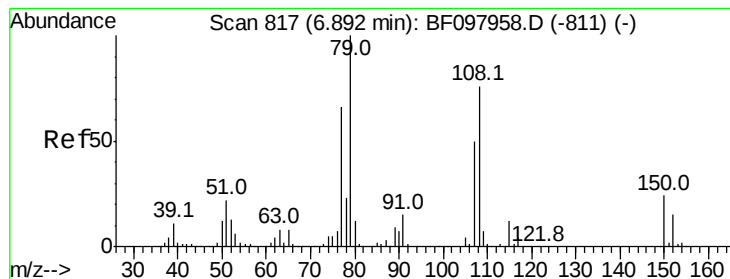


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.189 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampled :

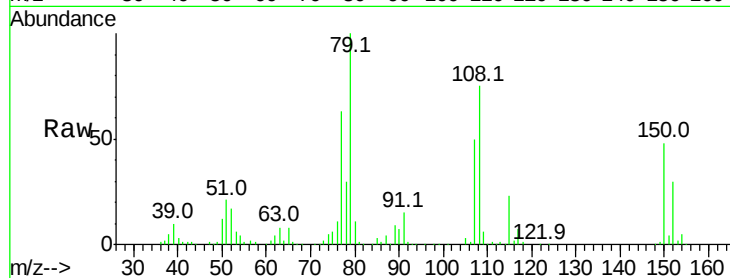
Tot Ion: 79 Resp: 301744

Ion Ratio Lower Upper

79 100

108 74.7 63.4 95.0

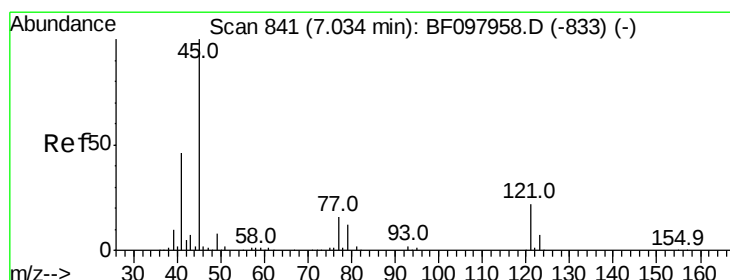
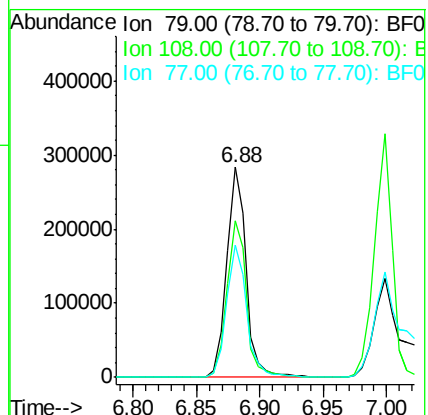
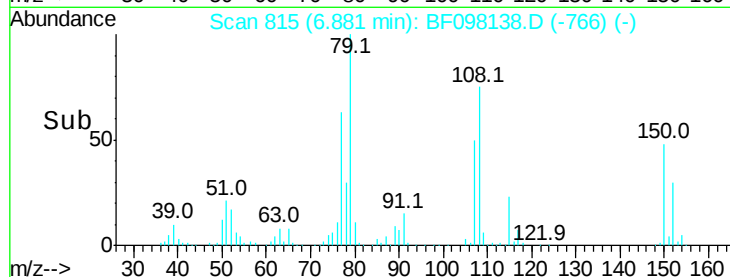
77 62.6 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.477 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

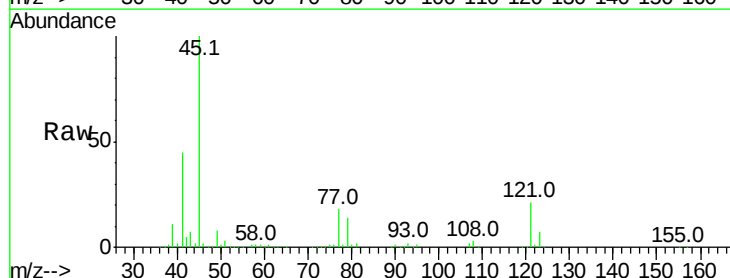
Tgt Ion: 45 Resp: 442797

Ion Ratio Lower Upper

45 100

77 18.1 0.0 33.2

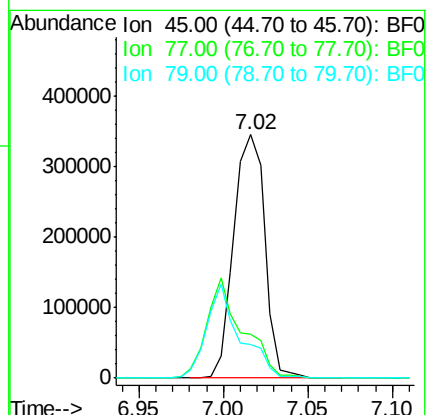
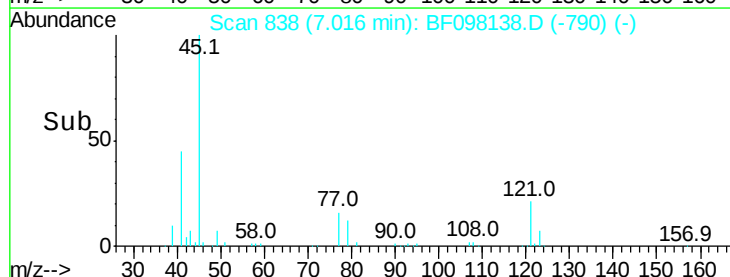
79 13.8 0.0 30.0

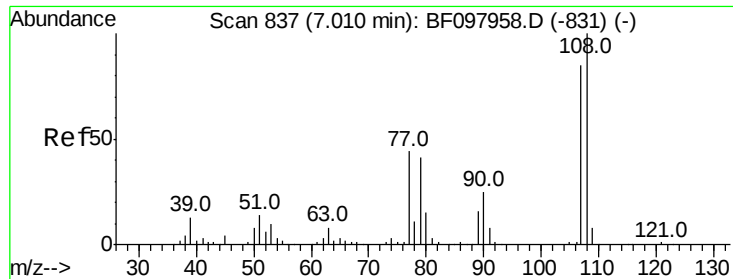


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

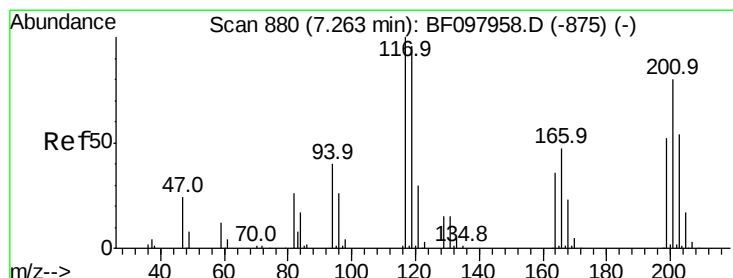
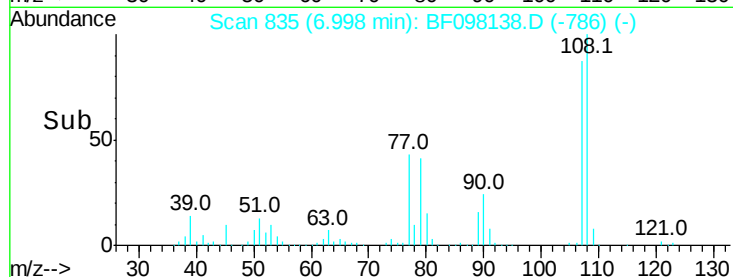
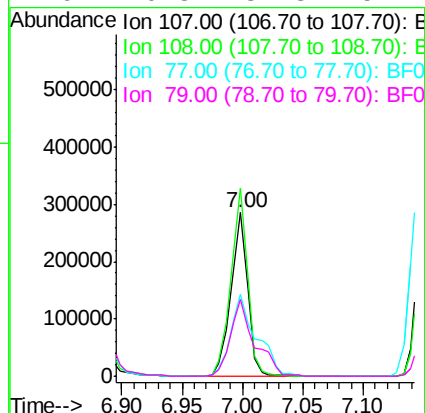
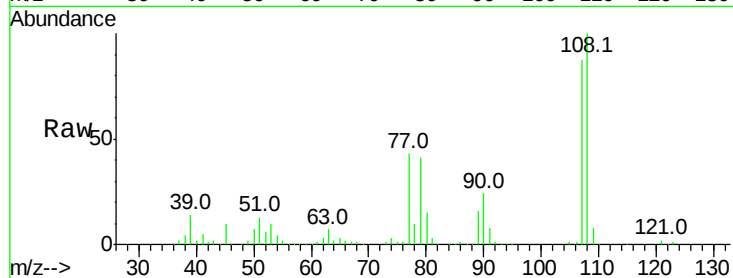




#17
 2-Methylphenol
 Concen: 36.469 ng
 RT: 7.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

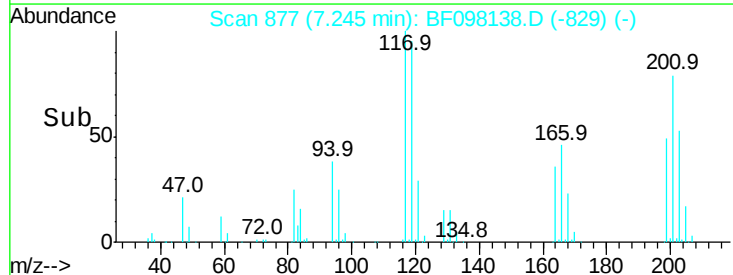
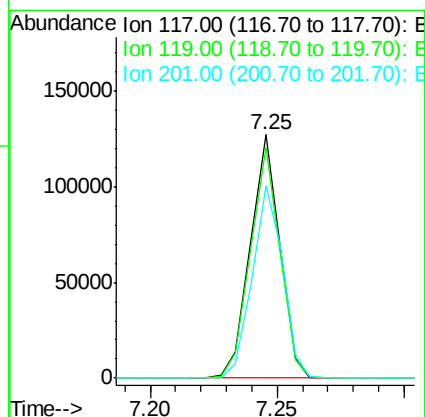
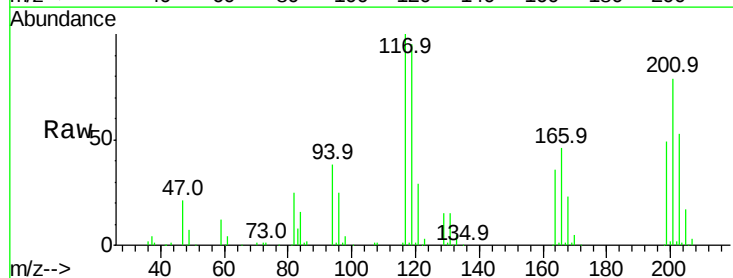
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	107	Resp:	277810
Ion	Ratio	Lower	Upper
107	100		
108	115.3	93.4	140.0
77	49.9	35.8	53.6
79	46.8	34.8	52.2



#18
 Hexachloroethane
 Concen: 27.910 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.02 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion:	117	Resp:	103479
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.0
201	79.2	94.6	141.8#

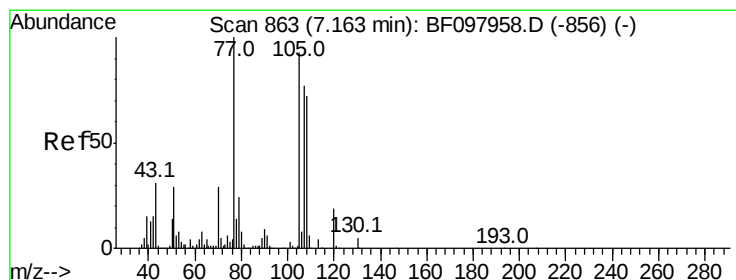
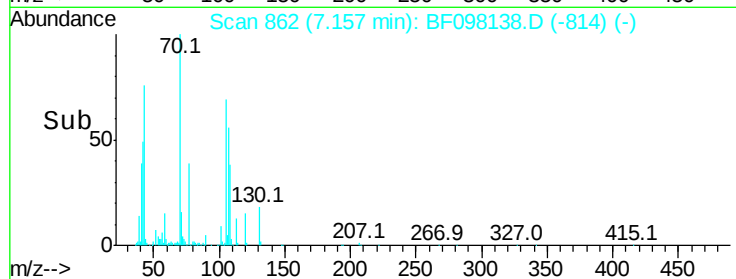
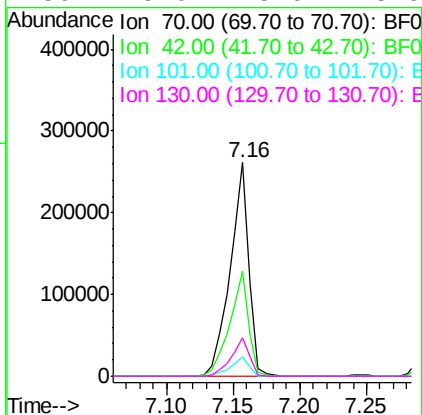
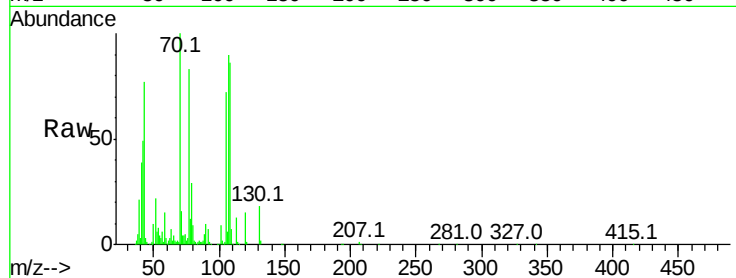




#19
n-Nitroso-di-n-propylamine
Concen: 33.997 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

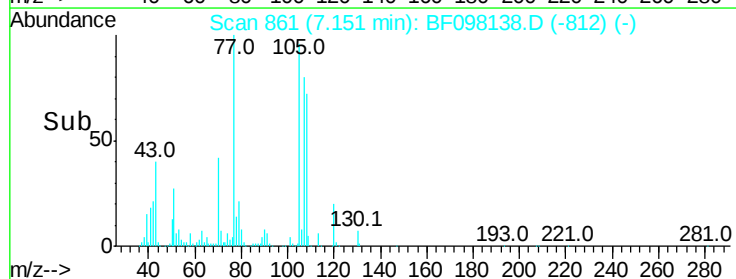
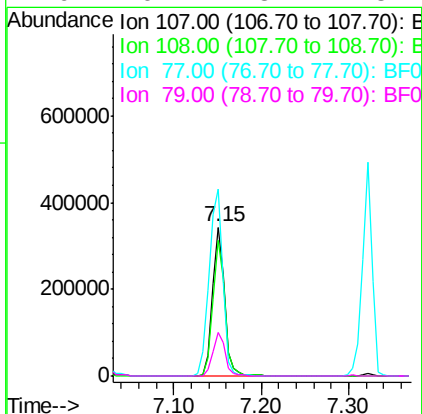
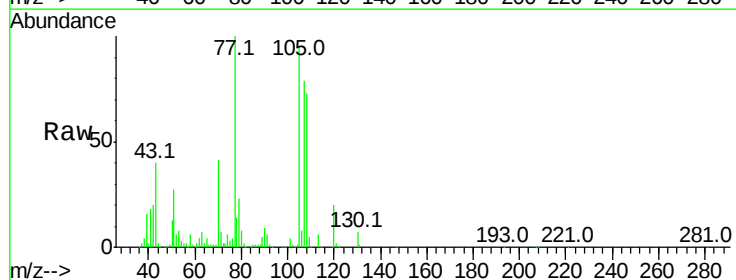
Instrument :
BNA_F
ClientSampleId :

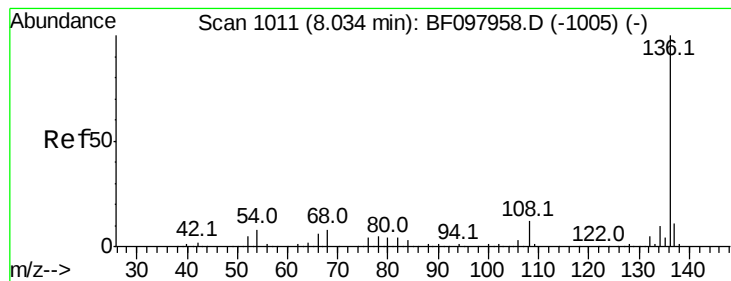
Tot Ion:	70	Resp:	259184
Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.2	70.8
101	8.7	7.2	10.8
130	18.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 35.708 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion:	107	Resp:	332235
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.0	111.0
77	126.1	90.5	130.5
79	29.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 479561

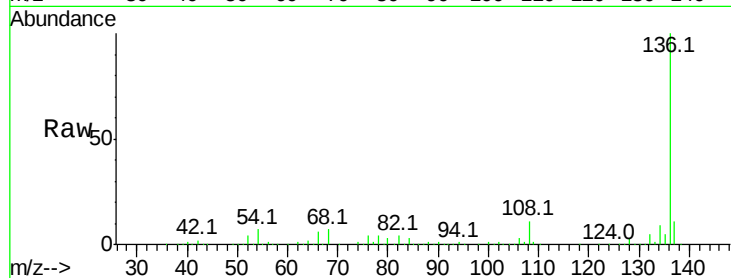
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.2 4.9 7.3

68 6.9 4.1 6.1#

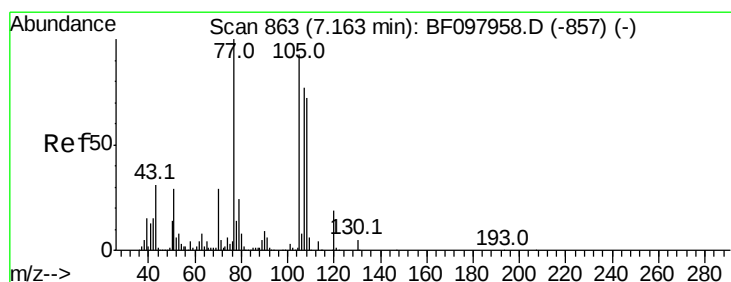
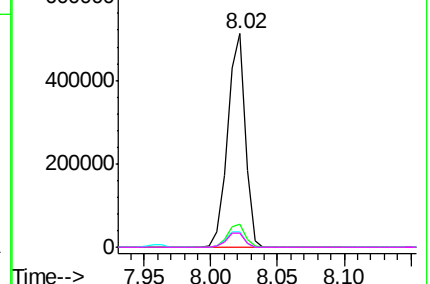
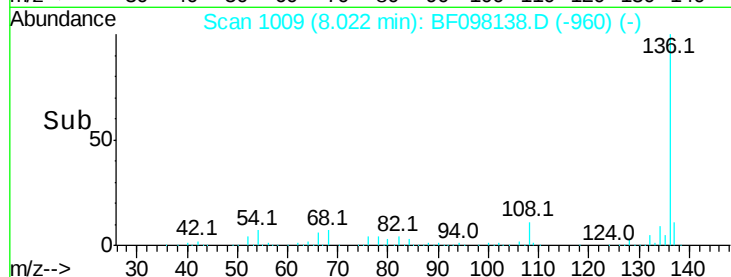


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.672 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion:105 Resp: 451921

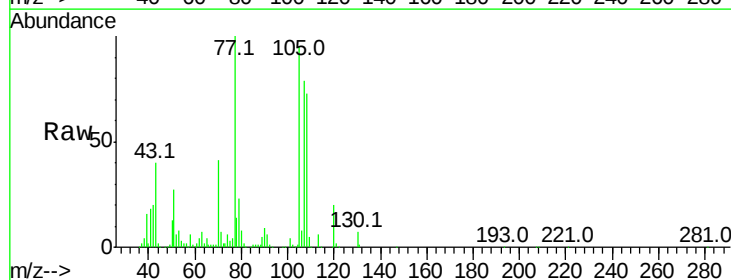
Ion Ratio Lower Upper

105 100

71 7.3 2.8 4.2#

51 29.1 30.7 46.1#

120 21.1 17.4 26.0

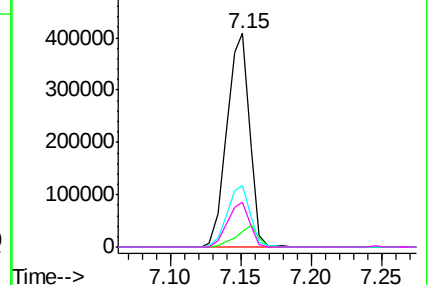
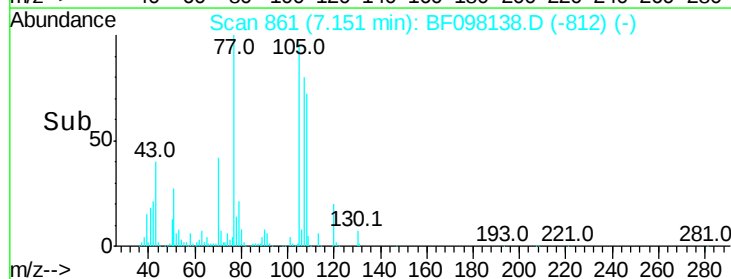


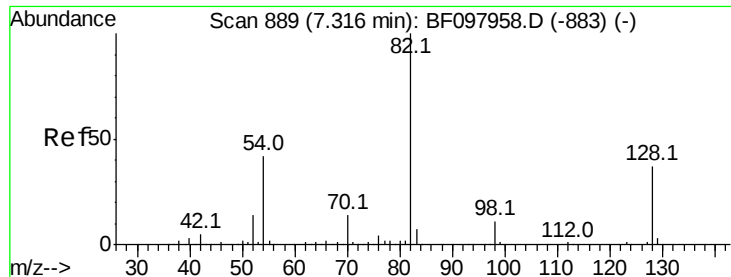
Abundance Ion 105.00 (104.70 to 105.70): E

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

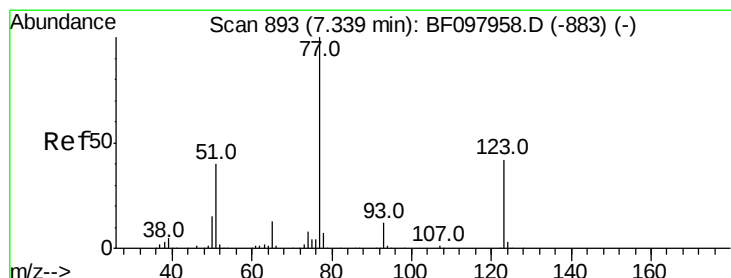
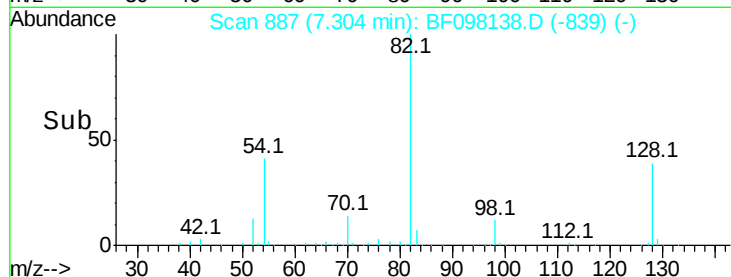
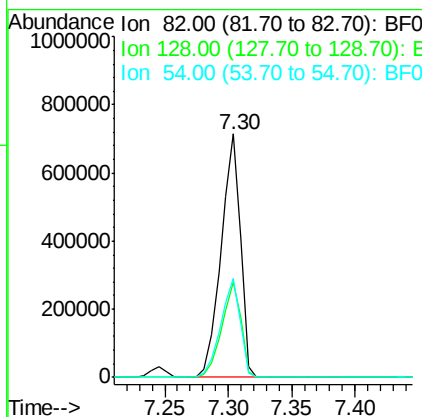
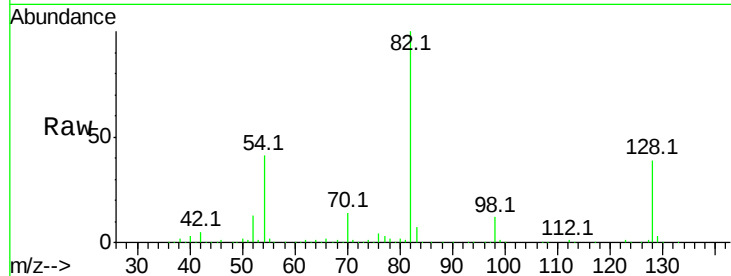




#23
Nitrobenzene-d5
Concen: 86.020 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

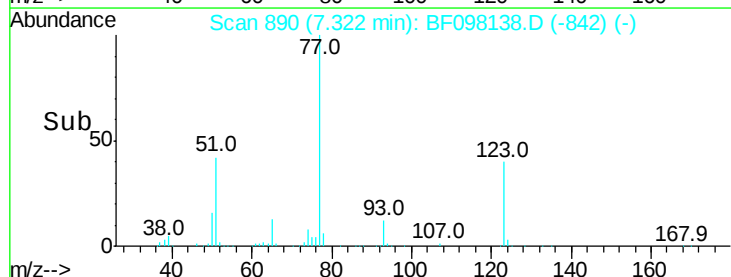
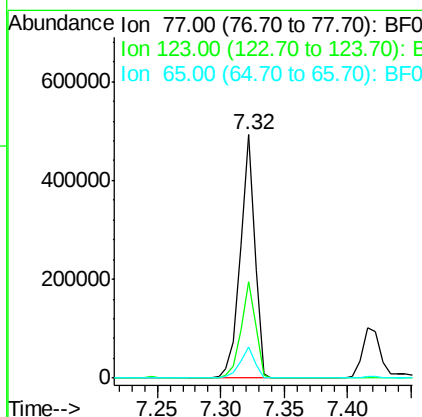
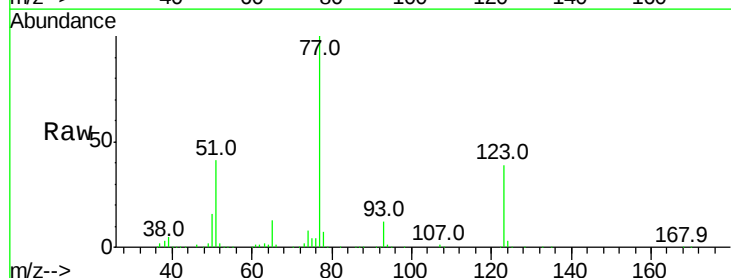
Instrument :
BNA_F
ClientSampleId :

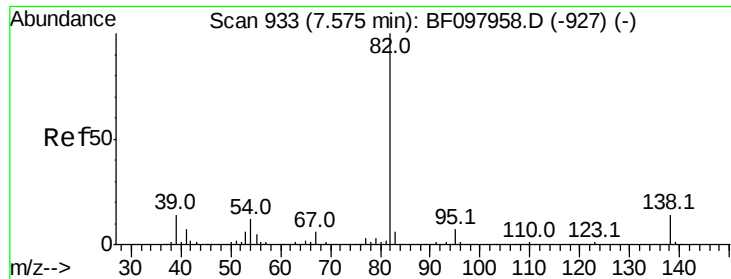
Tot Ion: 82 Resp: 759362
Ion Ratio Lower Upper
82 100
128 39.0 34.0 51.0
54 40.8 42.2 63.2#



#24
Nitrobenzene
Concen: 39.329 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion: 77 Resp: 386572
Ion Ratio Lower Upper
77 100
123 39.4 35.8 53.8
65 12.9 10.6 15.8

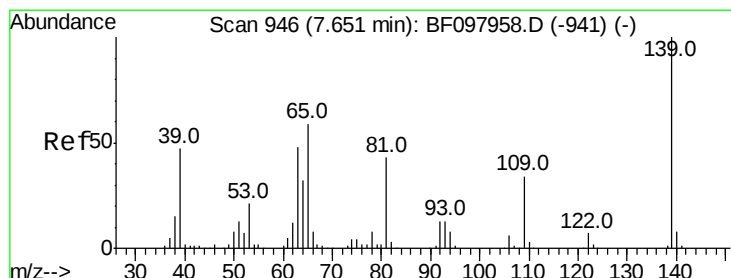
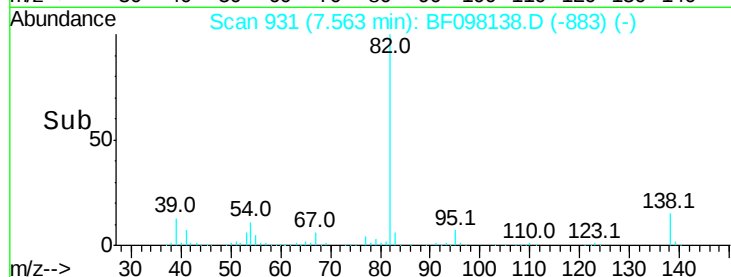
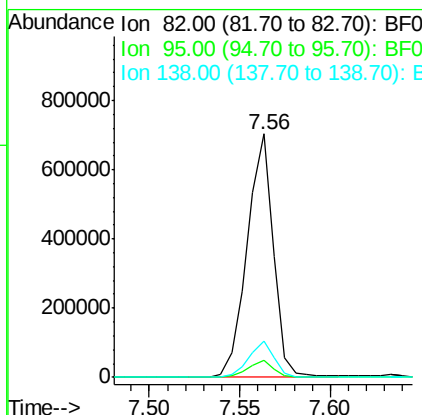
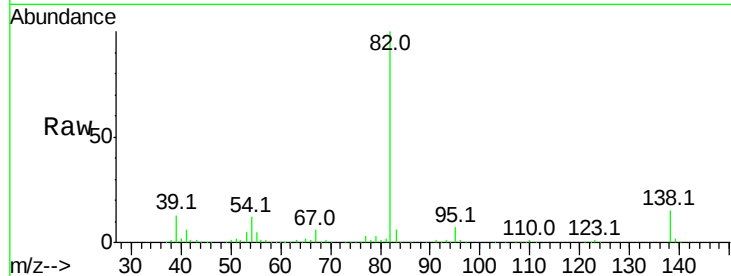




#25
Isophorone
Concen: 38.555 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

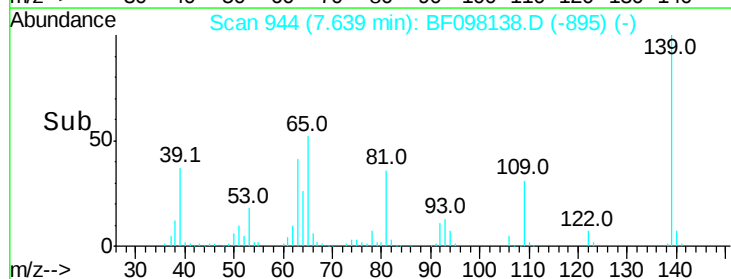
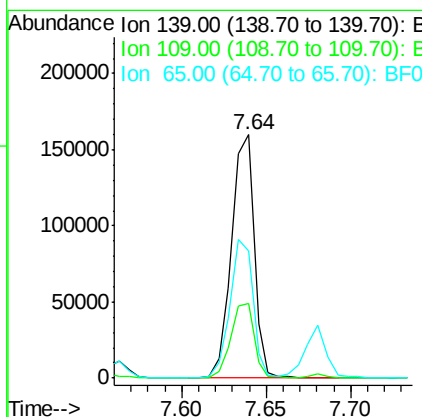
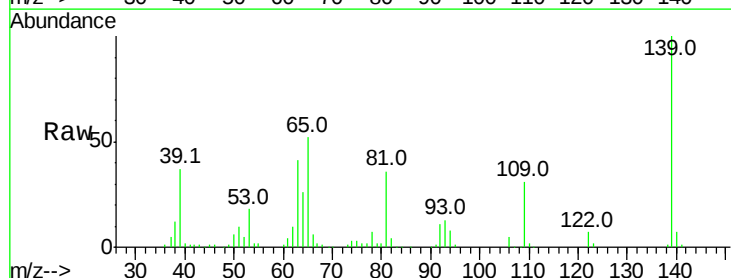
Instrument :
BNA_F
ClientSampleId :

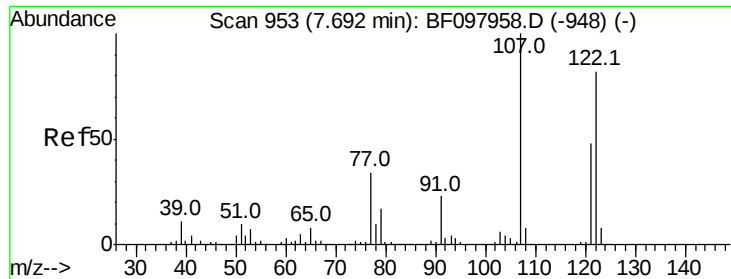
Tot Ion: 82 Resp: 707723
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 14.9 13.1 19.7



#26
2-Nitrophenol
Concen: 42.611 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion:139 Resp: 149378
Ion Ratio Lower Upper
139 100
109 30.6 21.0 31.6
65 52.0 33.0 49.6#

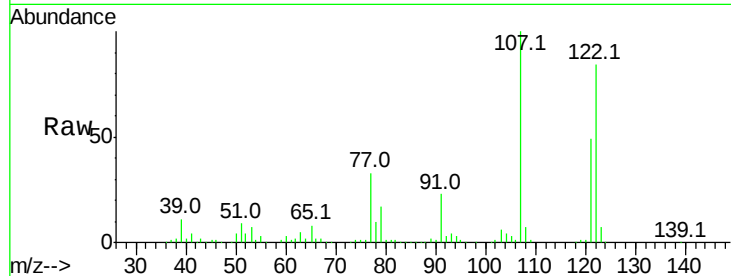




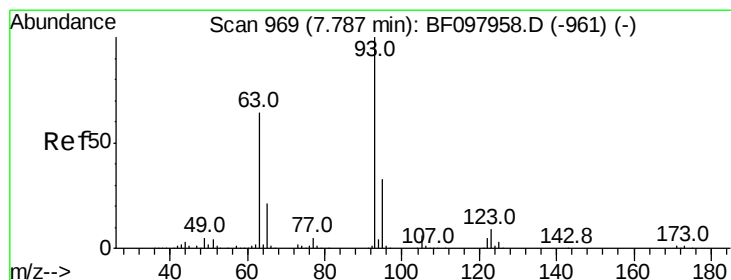
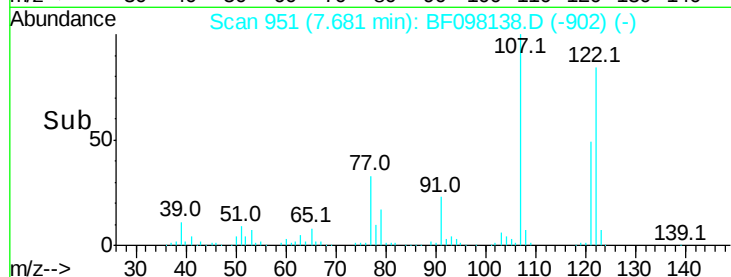
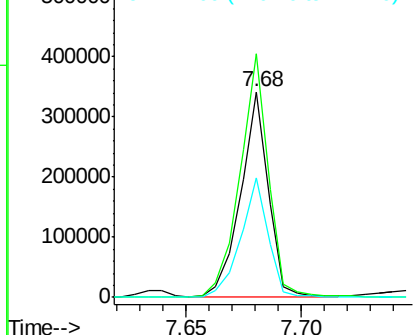
#27
 2,4-Dimethylphenol
 Concen: 37.773 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 289171
 Ion Ratio Lower Upper
 122 100
 107 118.5 89.2 133.8
 121 58.2 45.2 67.8

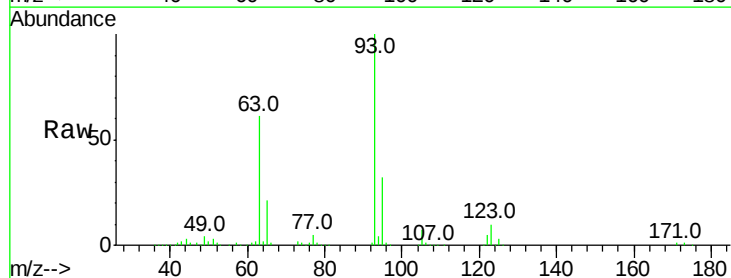


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

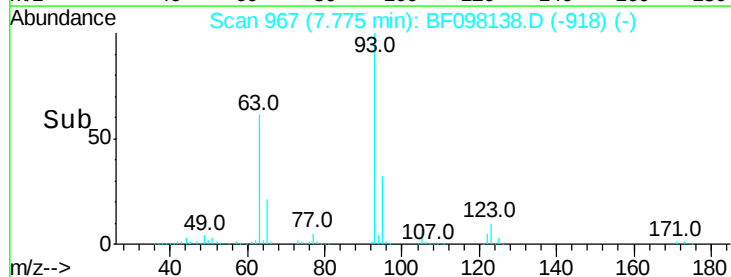
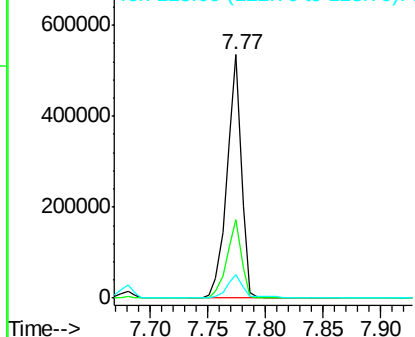


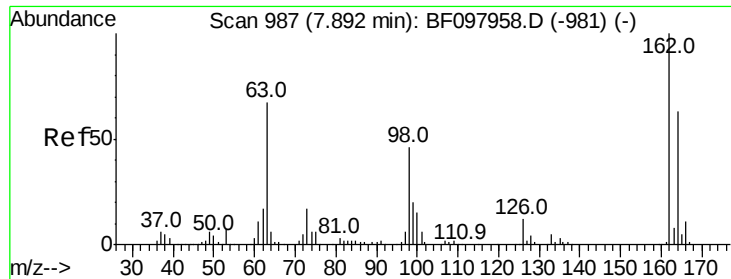
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.169 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion: 93 Resp: 460618
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.5 39.7
 123 9.8 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

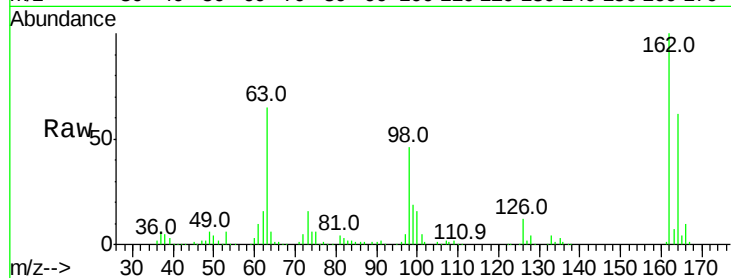




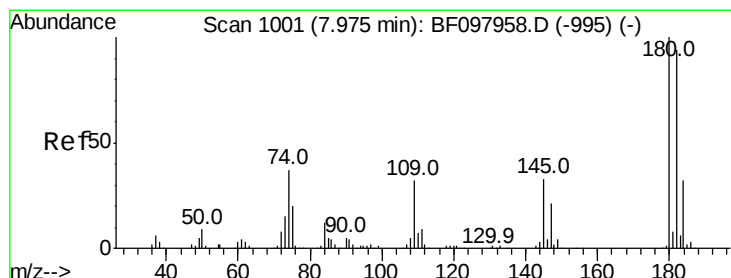
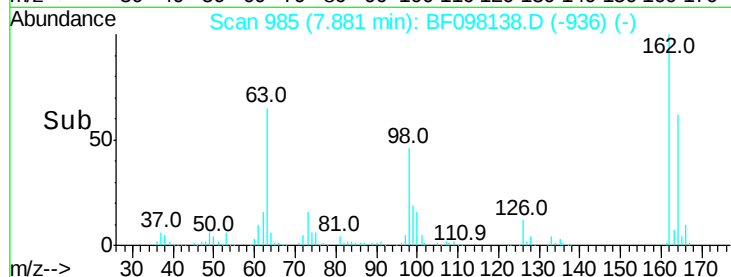
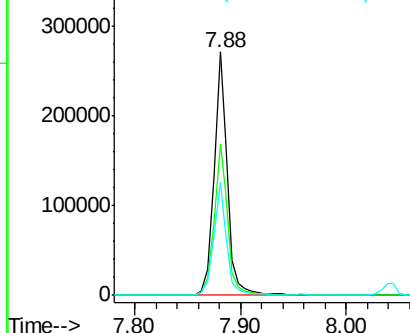
#29
 2,4-Dichlorophenol
 Concen: 38.274 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.6	84.6
98	46.4	14.8	54.8

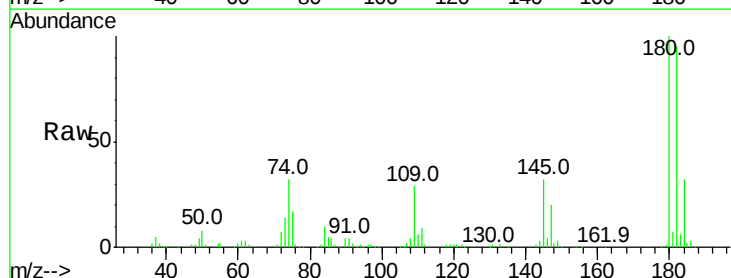


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

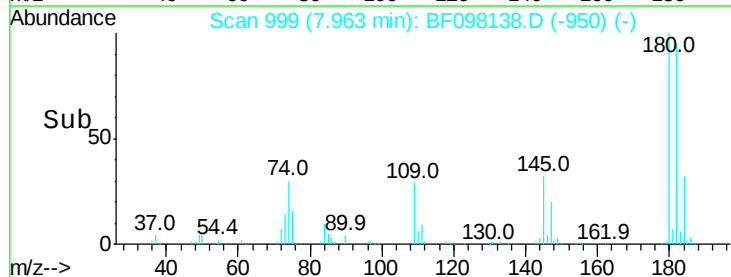
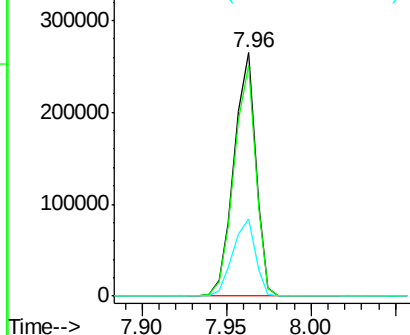


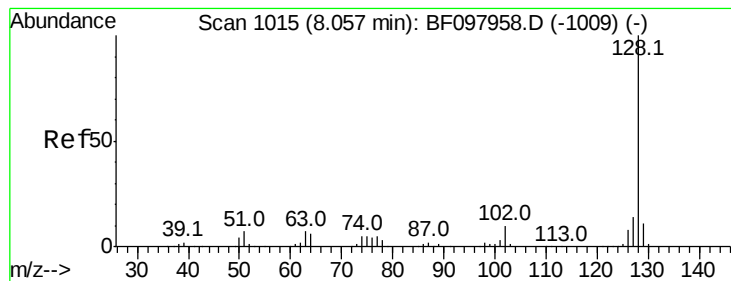
#30
 1,2,4-Trichlorobenzene
 Concen: 33.857 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.6
145	31.7	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: 34.640 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampled :

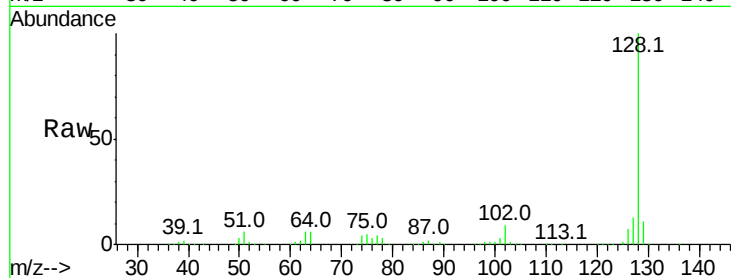
Tot Ion:128 Resp: 862414

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

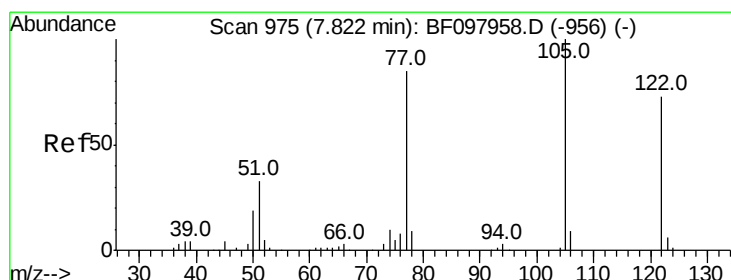
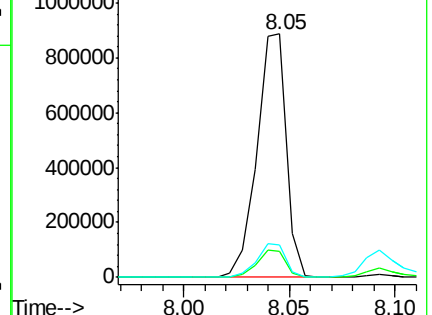
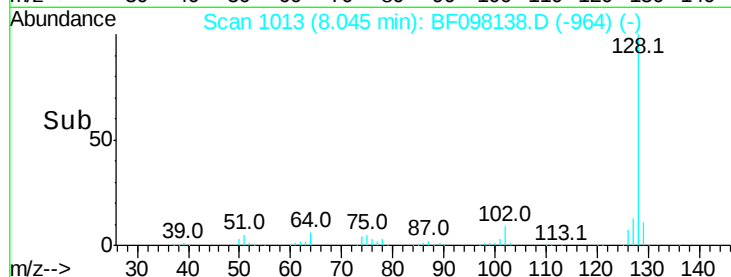
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.248 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.03 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

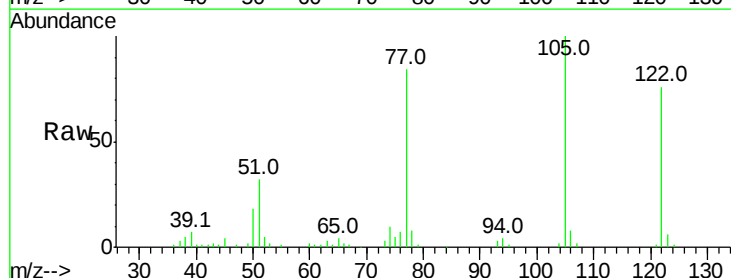
Tgt Ion:122 Resp: 147032

Ion Ratio Lower Upper

122 100

105 130.8 103.3 143.3

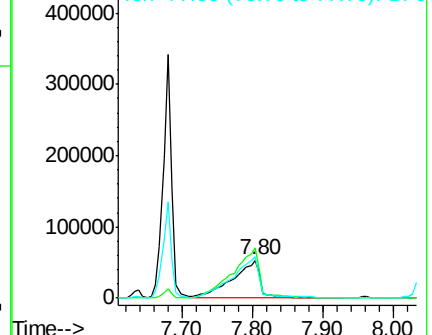
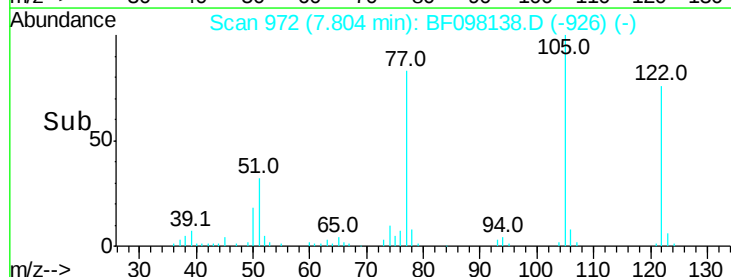
77 109.7 73.7 113.7

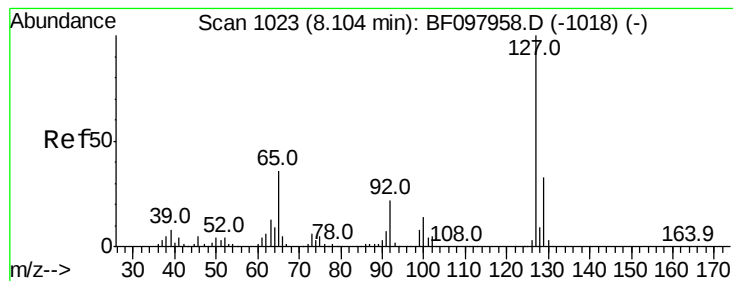


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 12.154 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 127613

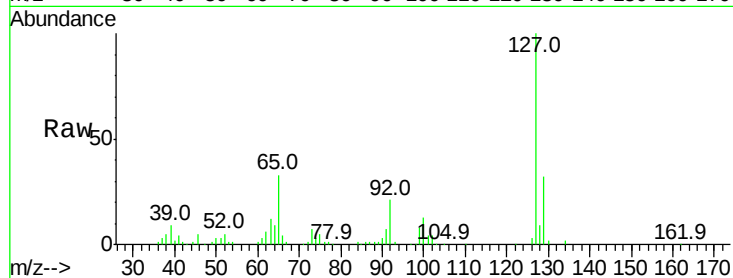
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.2

65 33.1 27.8 41.8

92 21.1 16.8 25.2

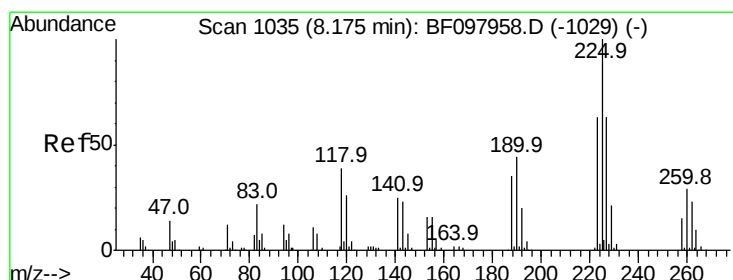
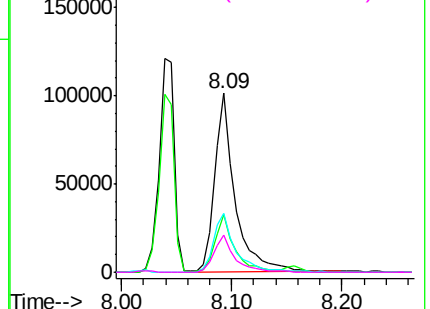
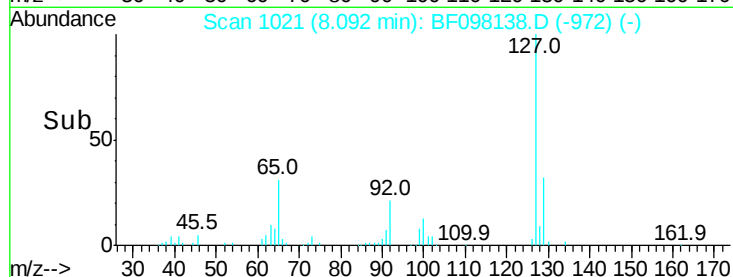


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 33.421 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

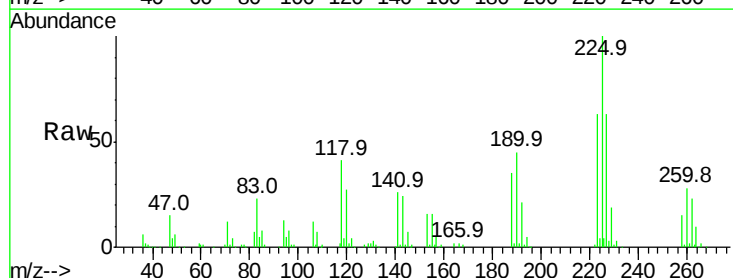
Tgt Ion:225 Resp: 137466

Ion Ratio Lower Upper

225 100

223 63.4 48.8 73.2

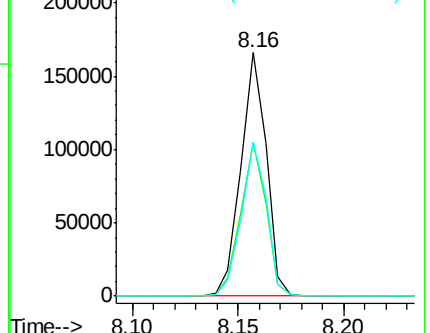
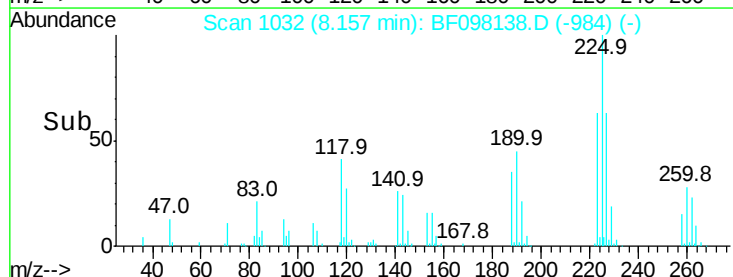
227 63.3 51.1 76.7

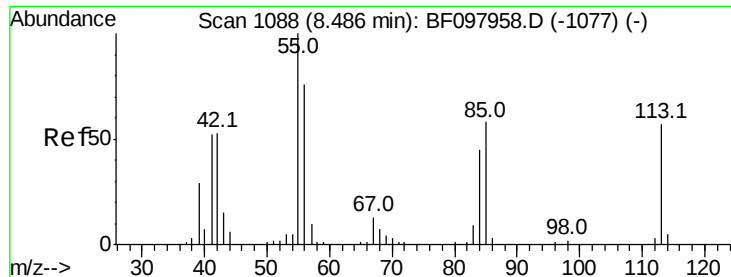


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

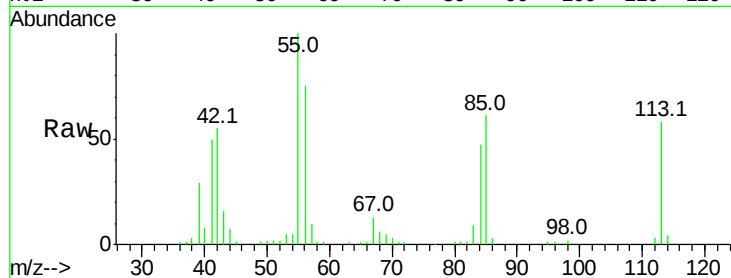




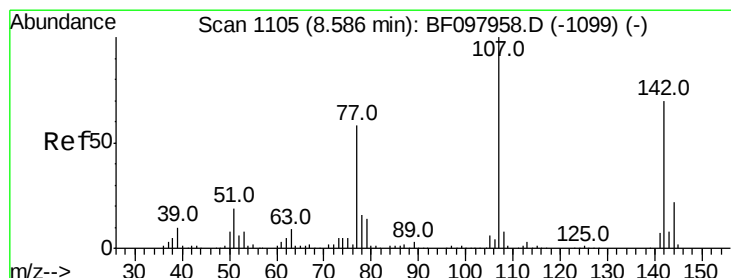
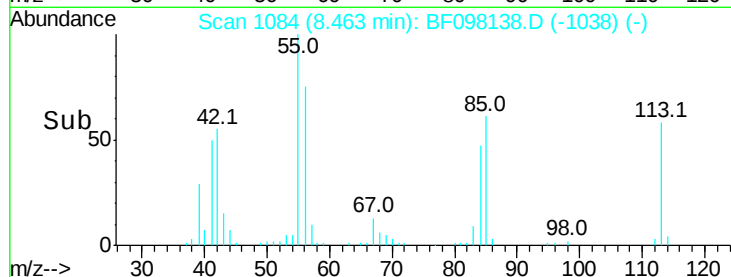
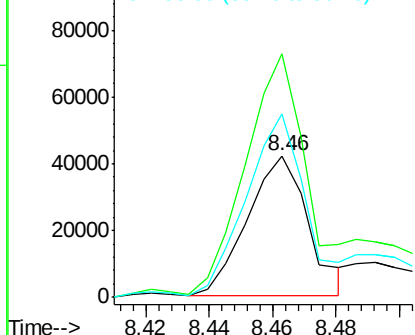
#35
 Caprolactam
 Concen: 25.940 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.03 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 56041
 Ion Ratio Lower Upper
 113 100
 55 171.9 150.2 190.2
 56 129.6 107.8 147.8

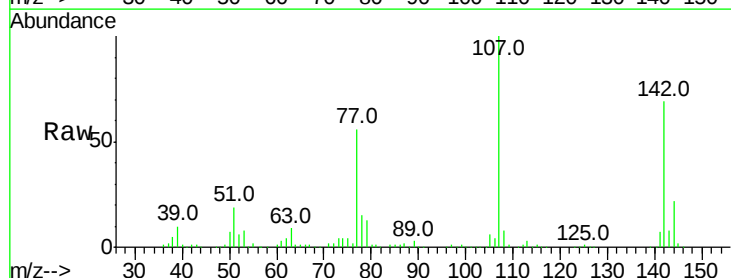


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

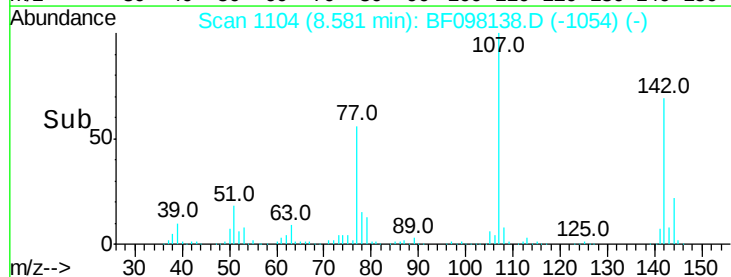
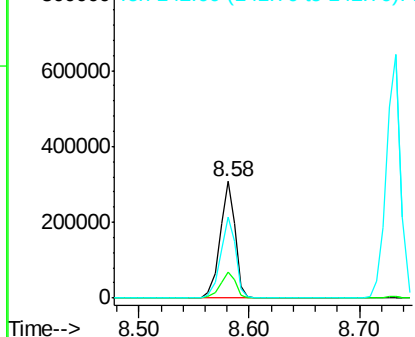


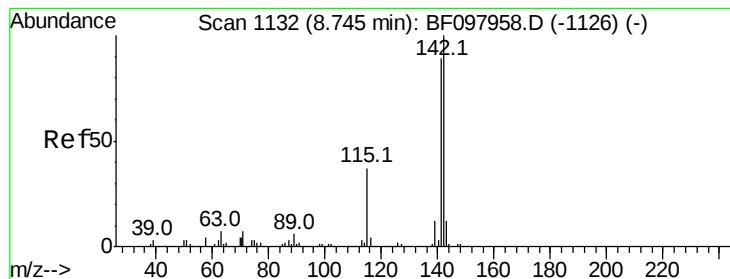
#36
 4-Chloro-3-methylphenol
 Concen: 35.555 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion:107 Resp: 290292
 Ion Ratio Lower Upper
 107 100
 144 22.2 24.2 36.4#
 142 69.5 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: 37.583 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

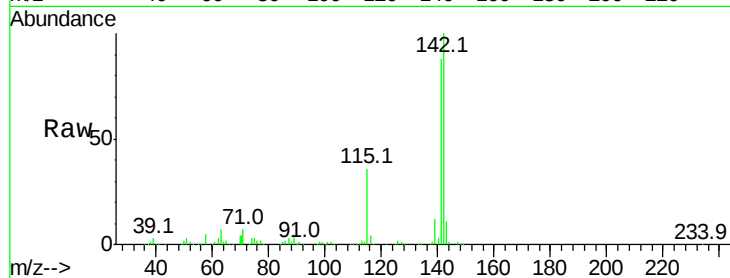
Tot Ion:142 Resp: 573662

Ion Ratio Lower Upper

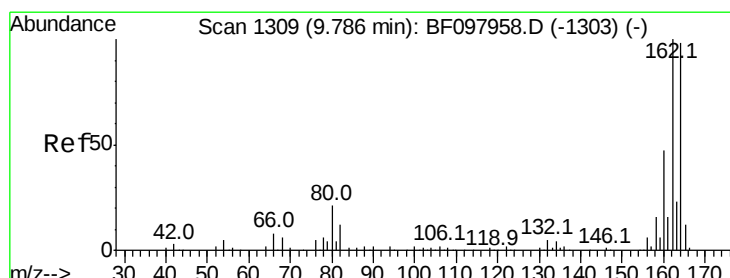
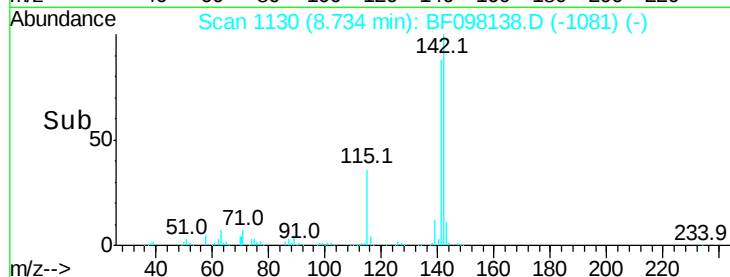
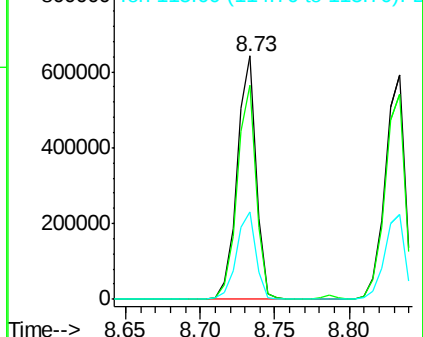
142 100

141 87.7 71.3 106.9

115 35.9 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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

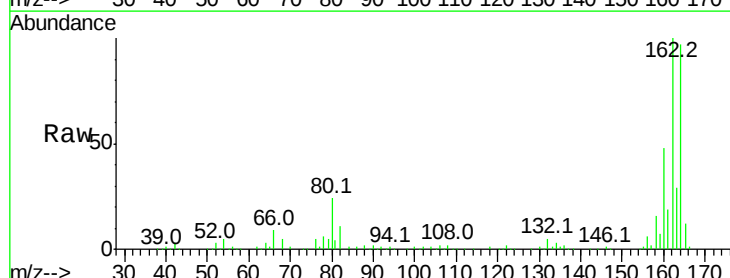
Tgt Ion:164 Resp: 200569

Ion Ratio Lower Upper

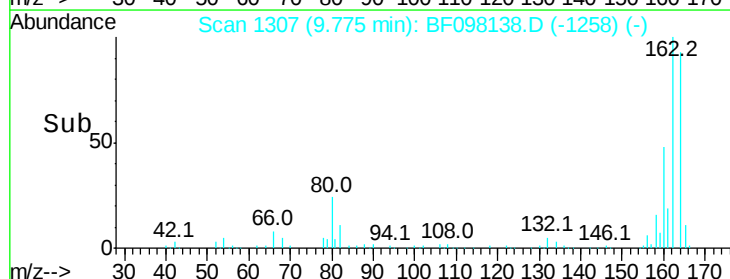
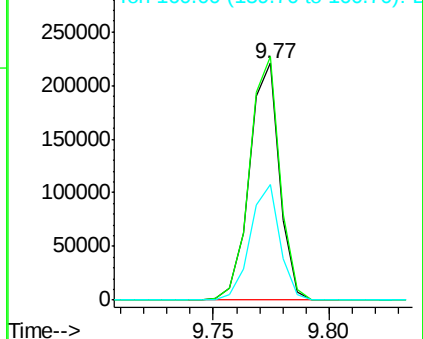
164 100

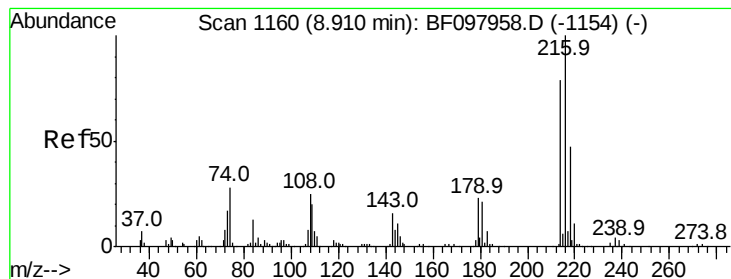
162 102.8 82.6 123.8

160 48.9 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: 37.659 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 231806

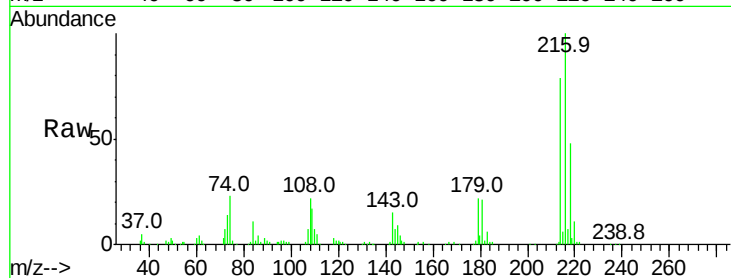
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 21.9 17.9 26.9

108 23.5 16.5 24.7

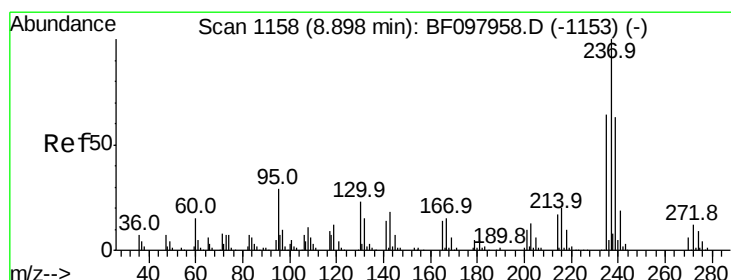
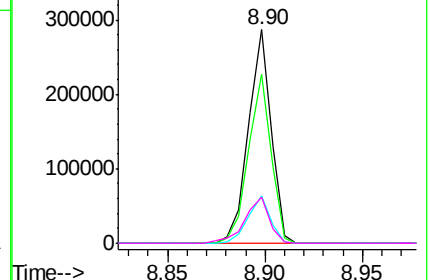
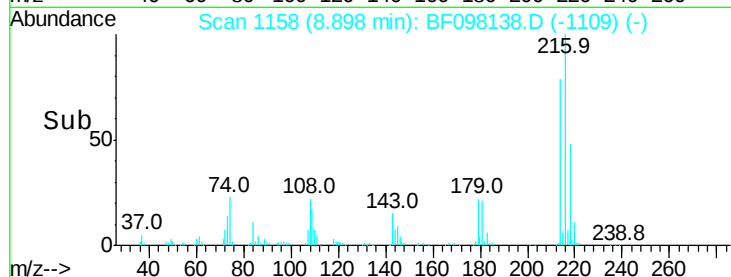


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.033 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

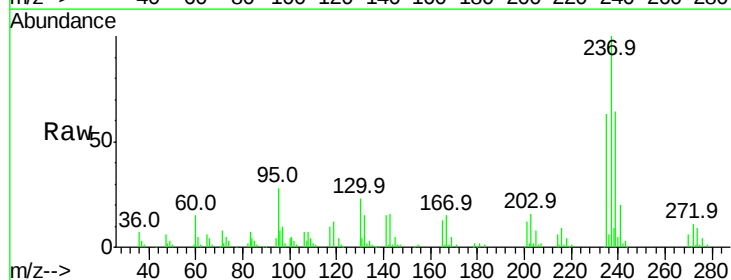
Tgt Ion:237 Resp: 94726

Ion Ratio Lower Upper

237 100

235 63.3 42.6 82.6

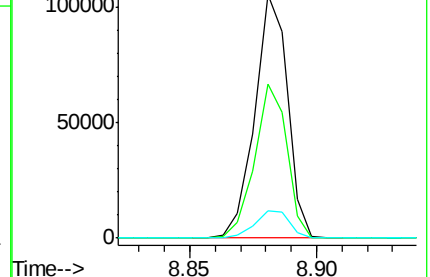
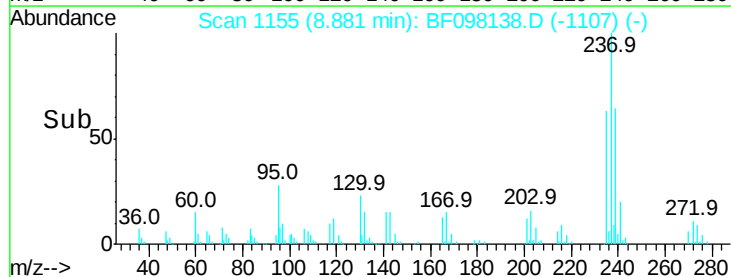
272 11.3 0.0 31.9

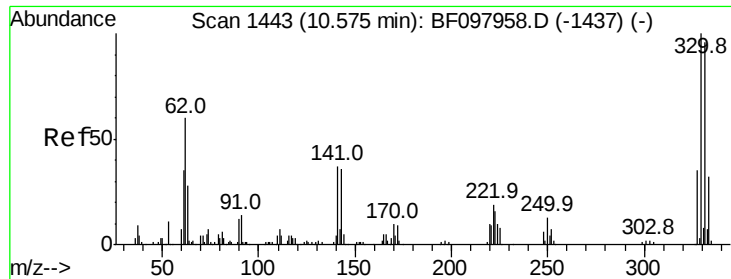


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

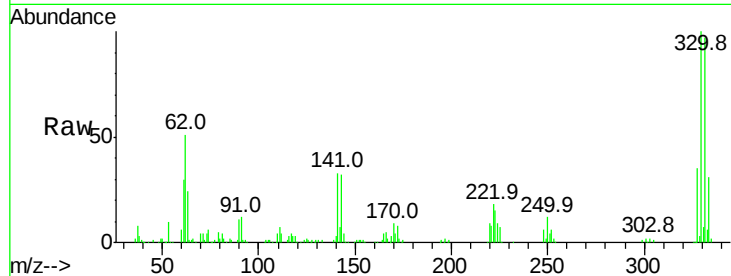




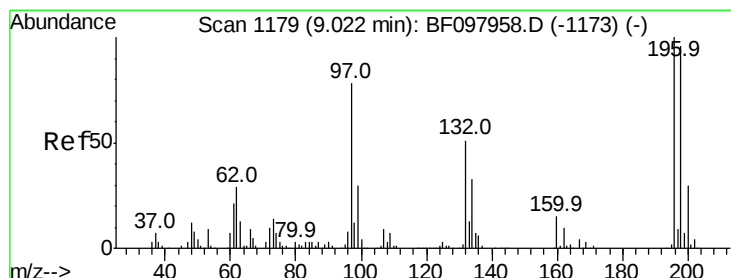
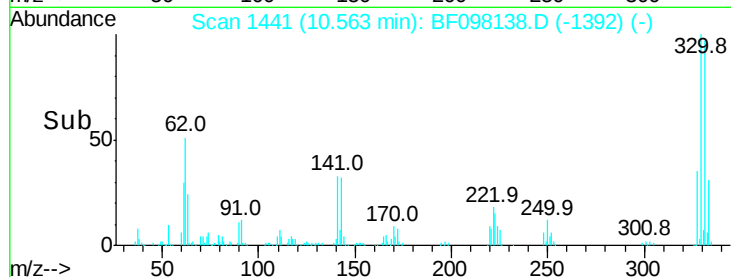
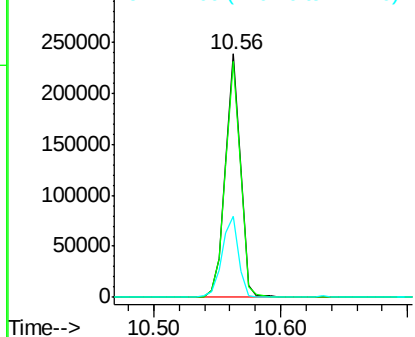
#41
 2,4,6-Tribromophenol
 Concen: 113.932 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	36.8	31.4	47.2

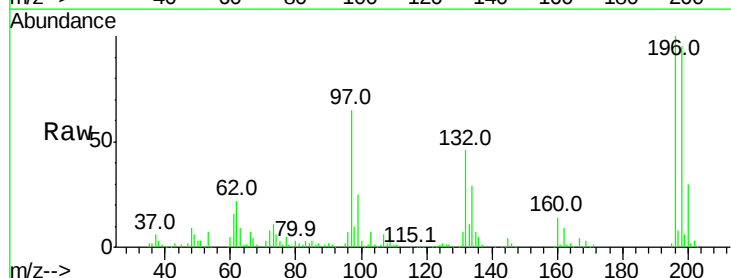


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

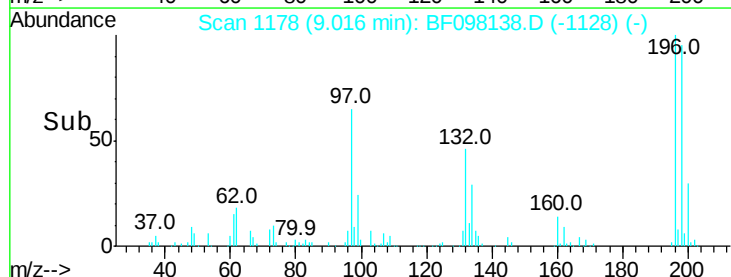
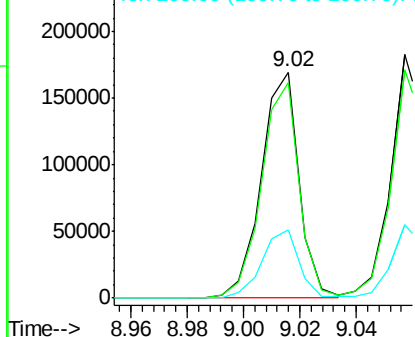


#42
 2,4,6-Trichlorophenol
 Concen: 38.005 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	74.2	111.4
200	30.1	24.0	36.0



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

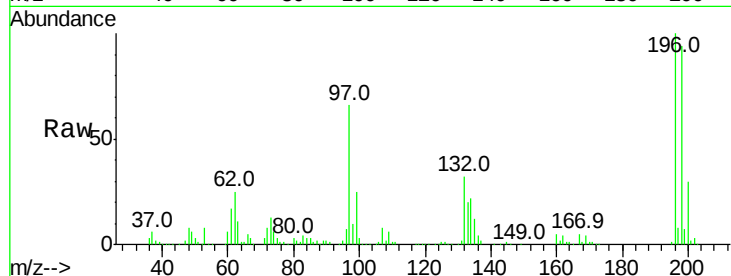




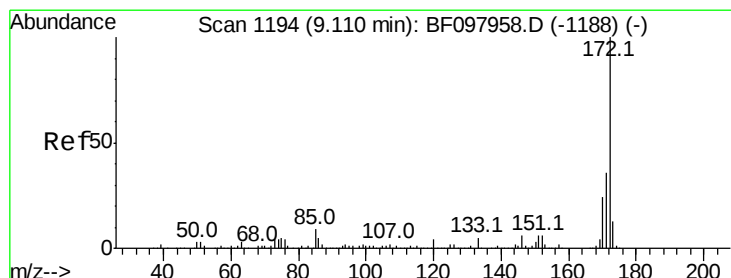
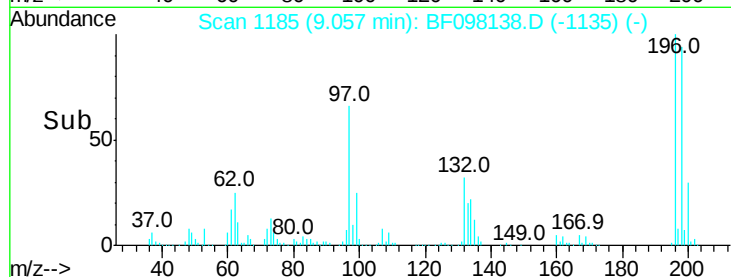
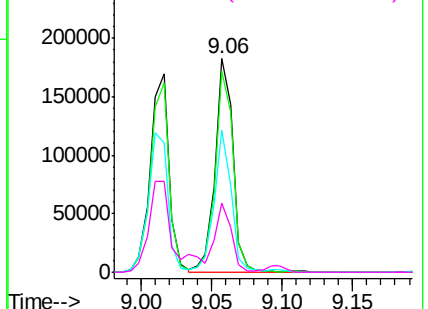
#43
 2,4,5-Trichlorophenol
 Concen: 39.350 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 161327
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 97 66.4 47.7 71.5
 132 32.1 28.0 42.0

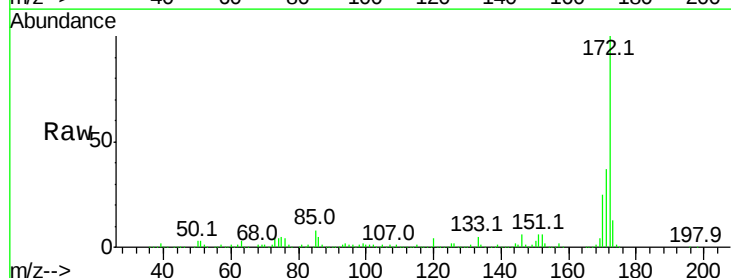


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

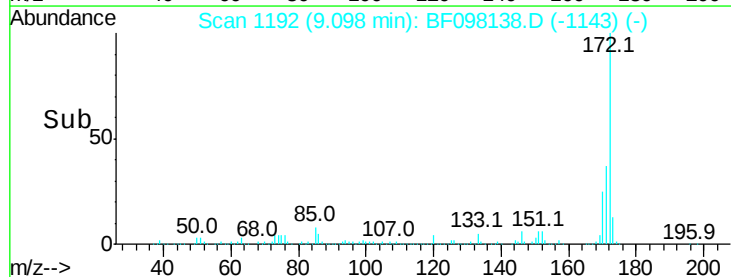
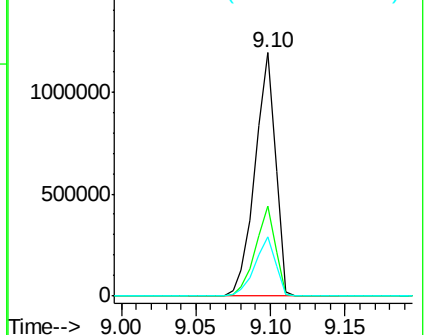


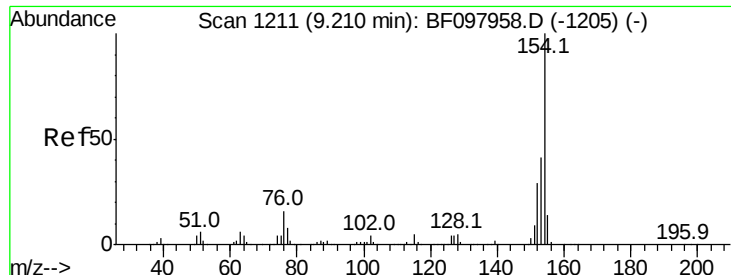
#44
 2-Fluorobiphenyl
 Concen: 82.588 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion:172 Resp: 1127453
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.5 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: 36.976 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

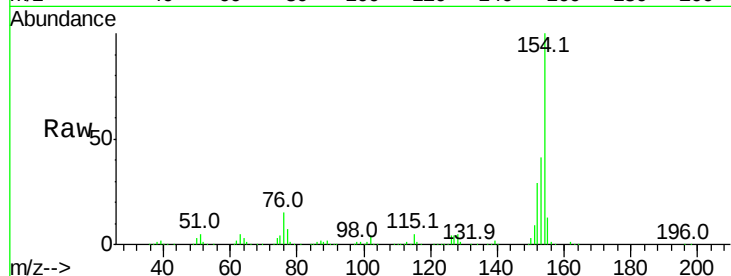
Tot Ion:154 Resp: 676289

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

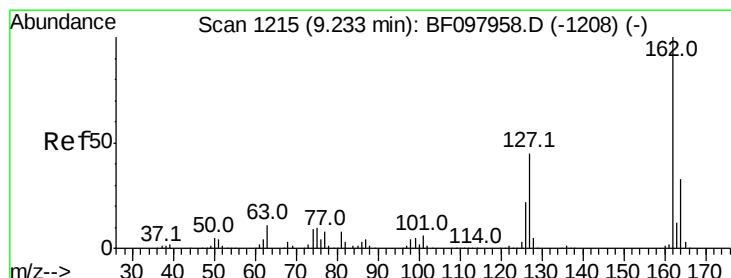
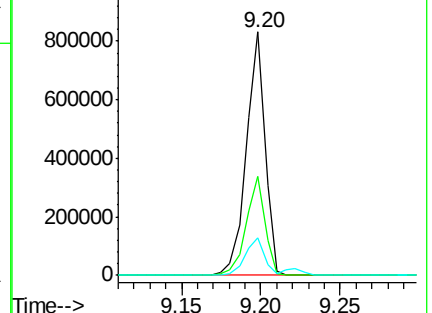
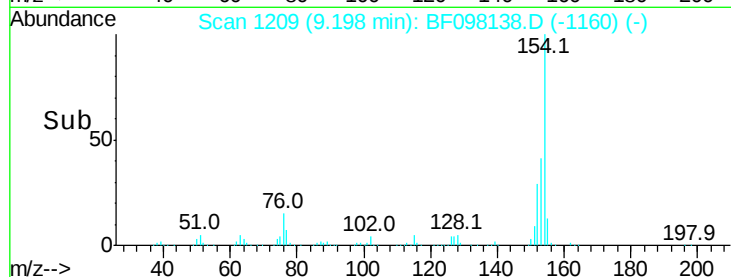
76 15.2 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.964 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

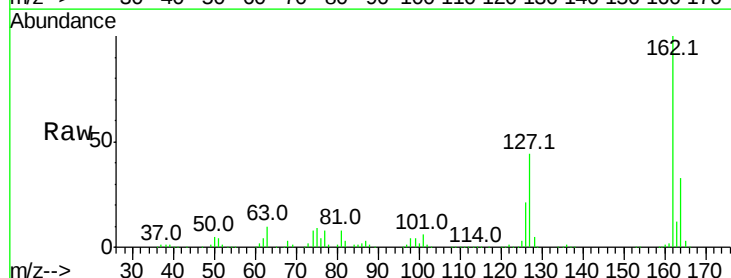
Tgt Ion:162 Resp: 486018

Ion Ratio Lower Upper

162 100

127 44.0 28.3 42.5#

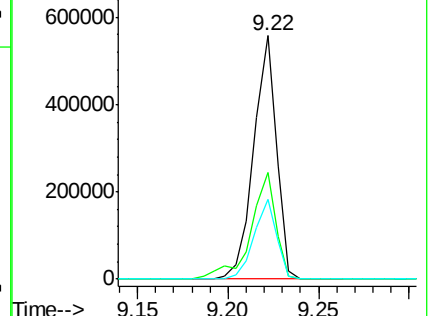
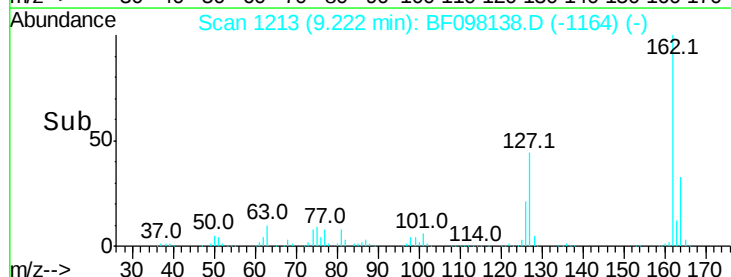
164 32.8 27.0 40.4

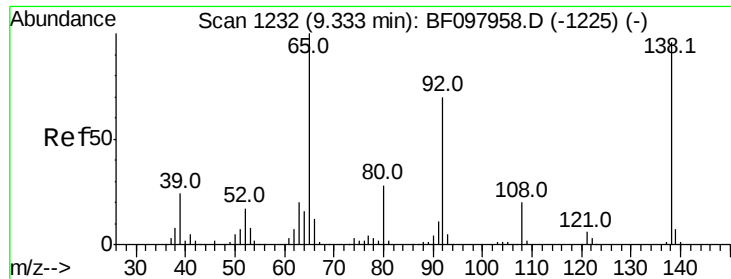


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

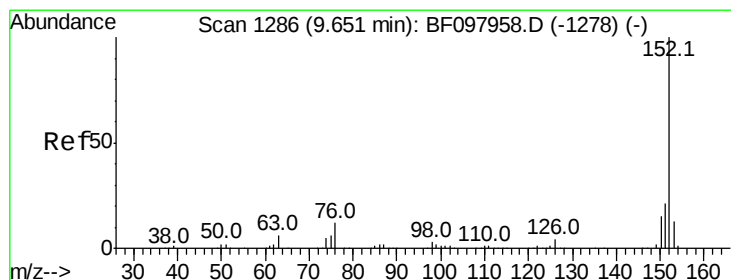
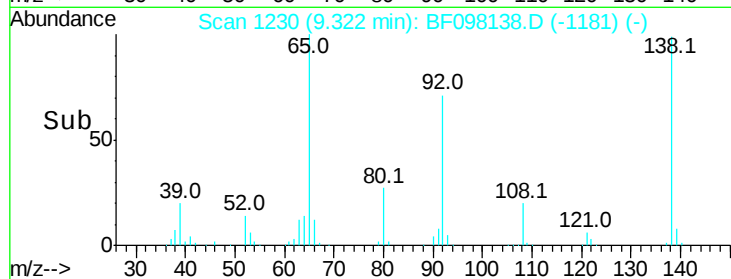
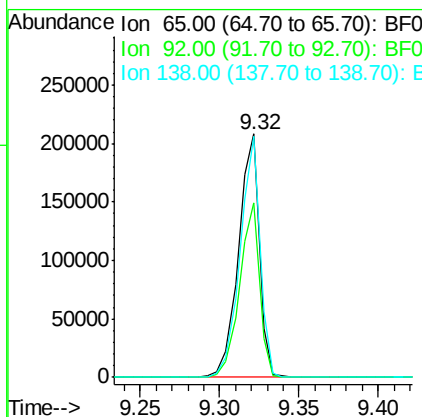
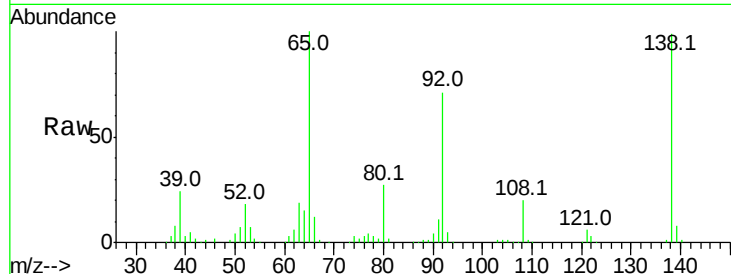




#47
 2-Nitroaniline
 Concen: 41.731 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

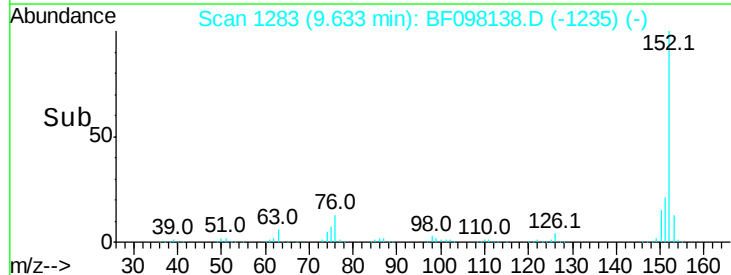
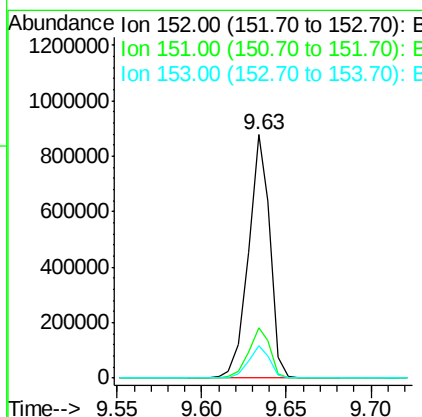
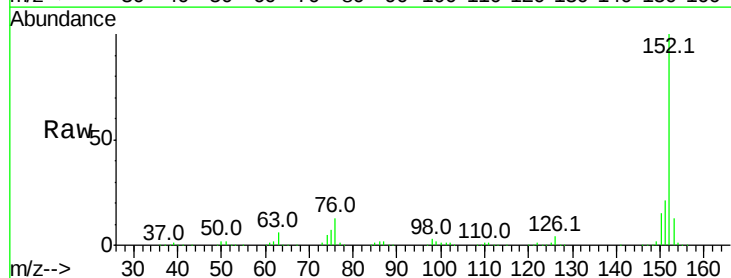
Instrument :
 BNA_F
 ClientSampleId :

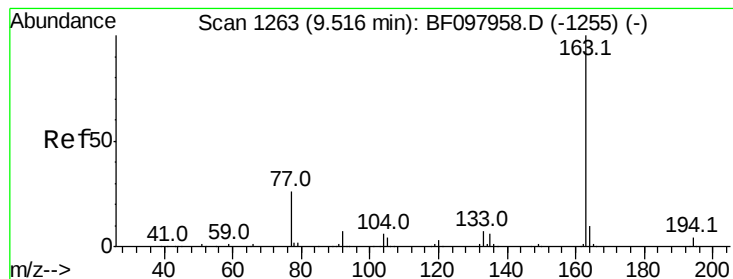
Tot Ion: 65 Resp: 189060
 Ion Ratio Lower Upper
 65 100
 92 71.5 53.9 80.9
 138 99.2 78.8 118.2



#48
 Acenaphthylene
 Concen: 36.631 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion: 152 Resp: 777375
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.2 10.8 16.2

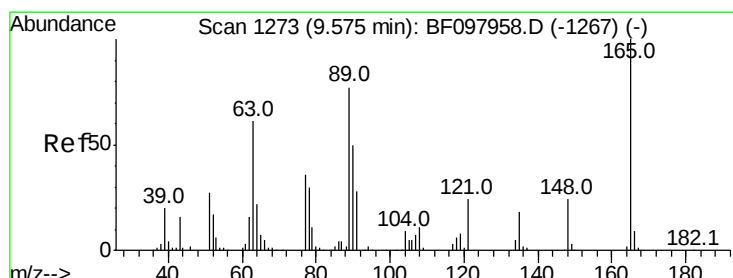
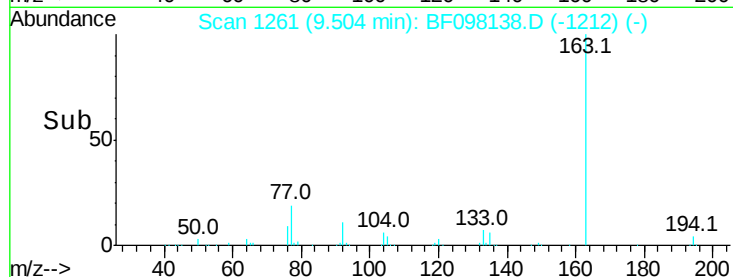
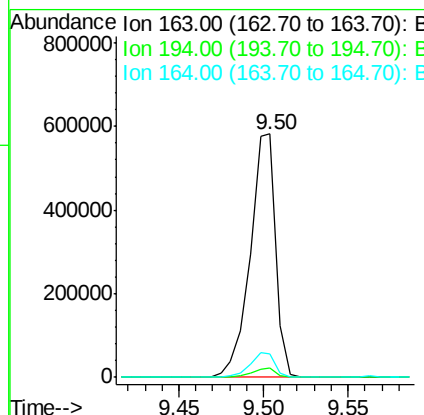
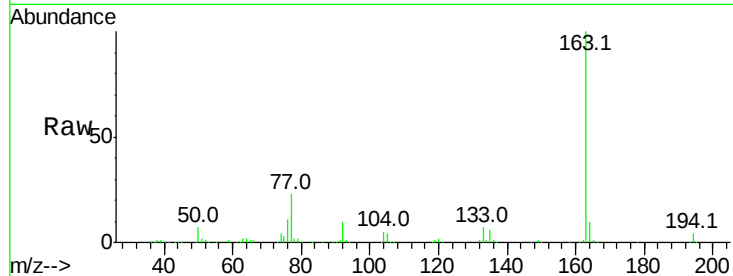




#49
 Dimethylphthalate
 Concen: 42.033 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

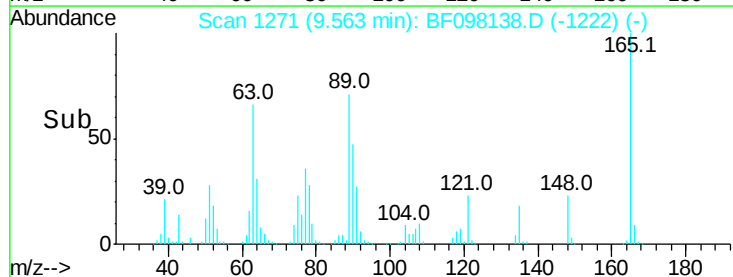
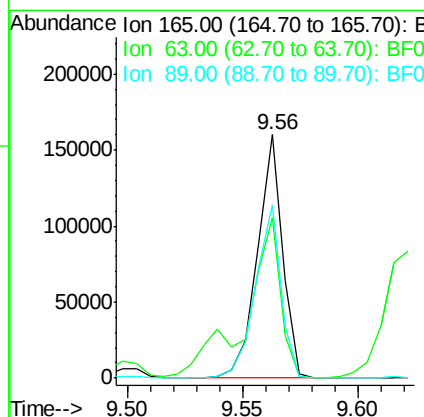
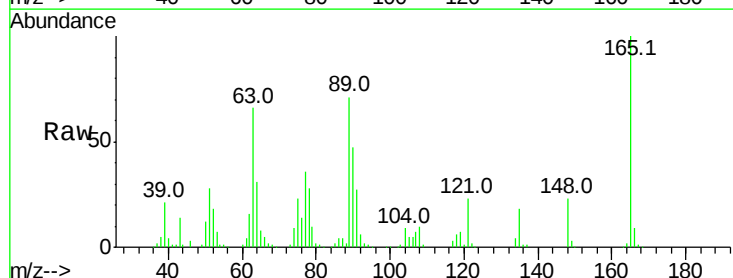
Instrument :
 BNA_F
 ClientSampleId :

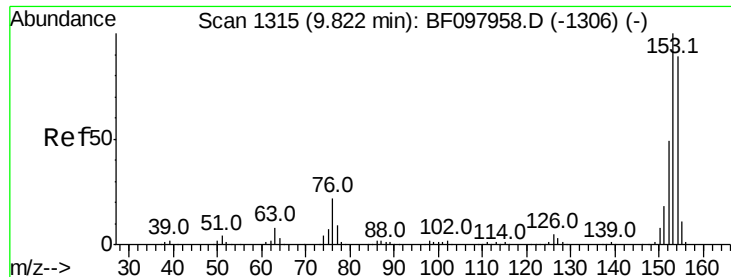
Tot Ion:163	Resp:	616240
Ion Ratio	Lower	Upper
163	100	
194	3.6	2.6 4.0
164	9.7	8.4 12.6



#50
 2,6-Dinitrotoluene
 Concen: 41.839 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion:165	Resp:	122442
Ion Ratio	Lower	Upper
165	100	
63	66.1	34.3 51.5#
89	71.1	37.1 55.7#





#51

Acenaphthene

Concen: 34.090 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

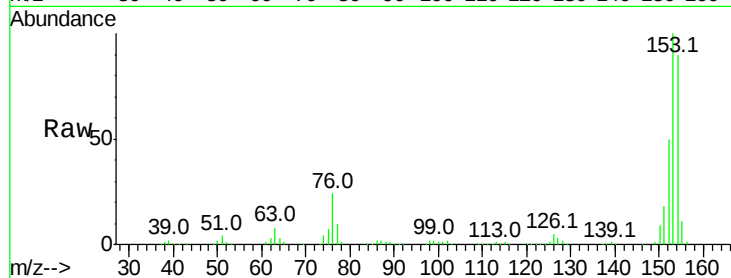
Tot Ion:154 Resp: 456279

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

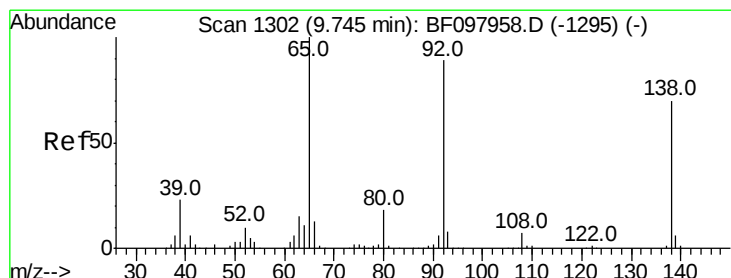
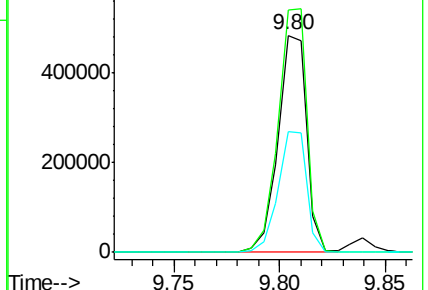
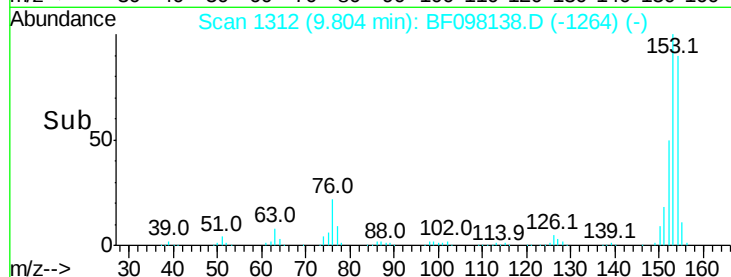
152 55.4 43.6 65.4



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: 29.356 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

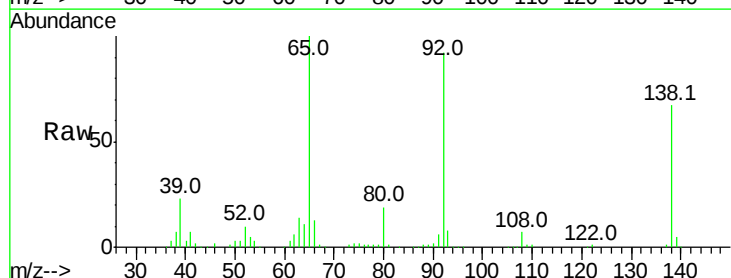
Tgt Ion:138 Resp: 110840

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

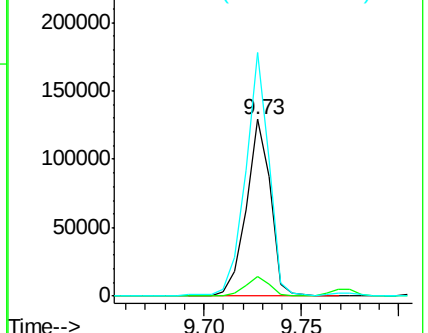
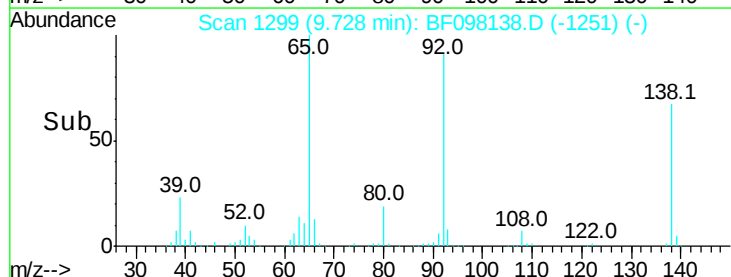
92 137.7 93.8 140.6



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

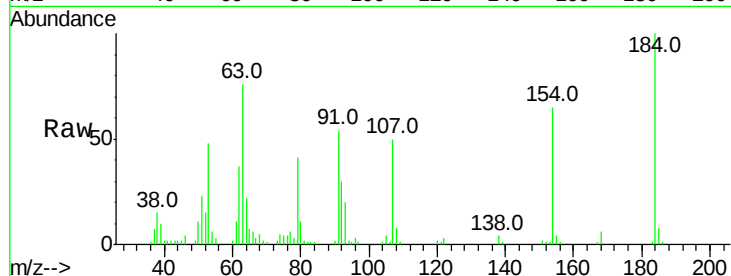




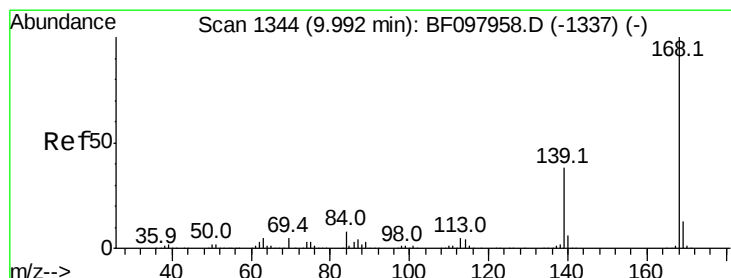
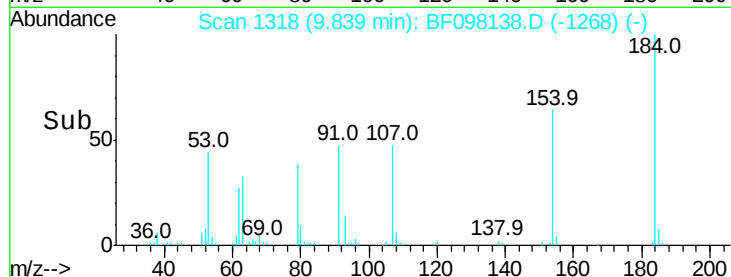
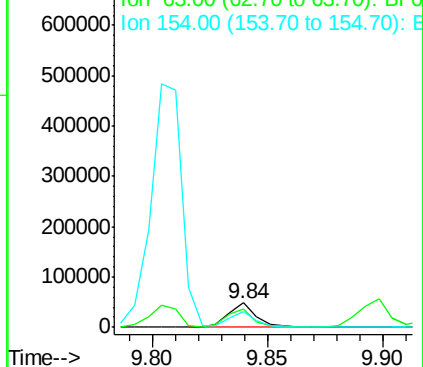
#53
2,4-Dinitrophenol
Concen: 35.909 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 41077
Ion Ratio Lower Upper
184 100
63 75.7 62.7 94.1
154 65.1 81.1 121.7#

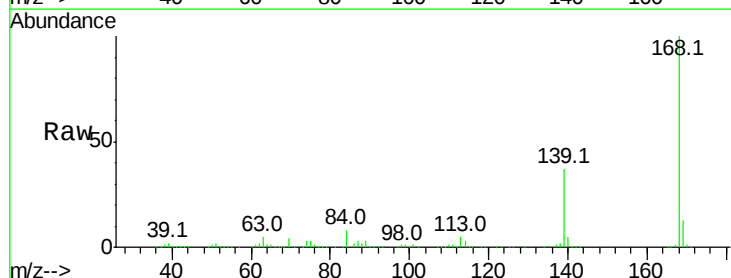


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

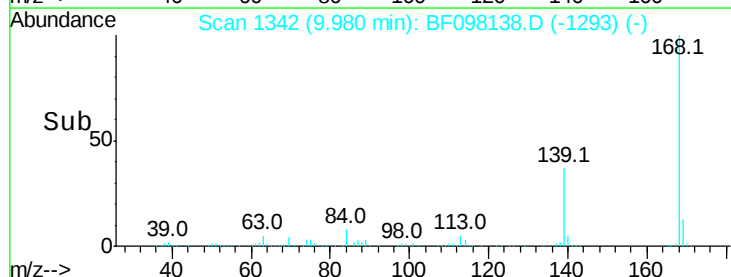
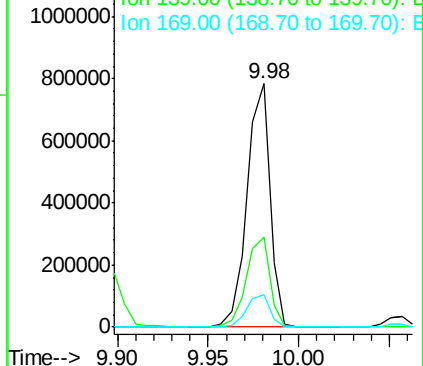


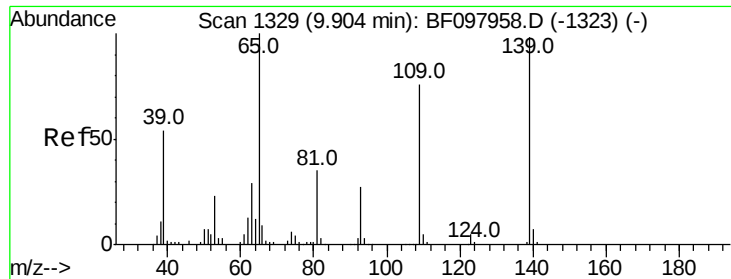
#54
Dibenzofuran
Concen: 38.416 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion:168 Resp: 689117
Ion Ratio Lower Upper
168 100
139 37.0 30.6 45.8
169 13.2 10.8 16.2



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

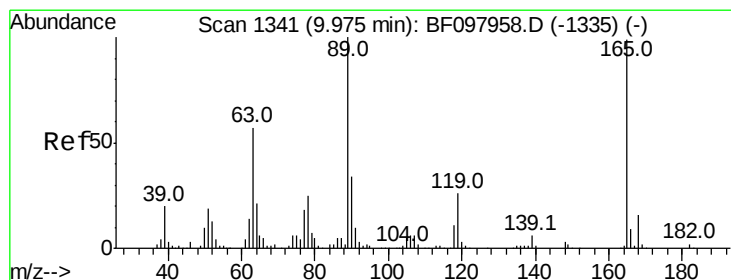
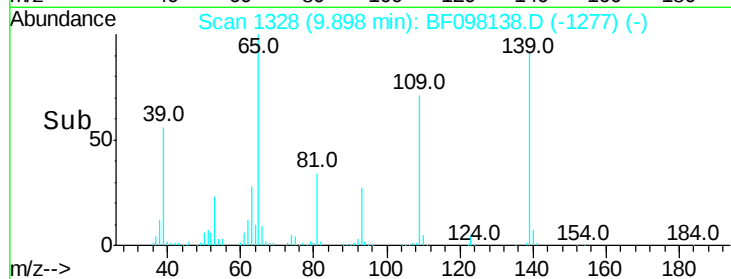
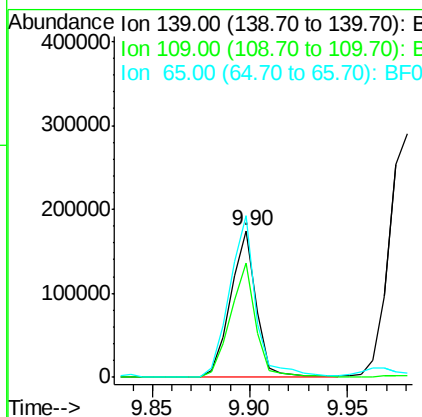
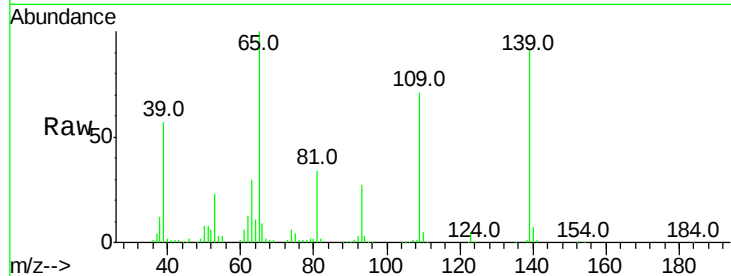




#55
4-Nitrophenol
Concen: 53.599 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

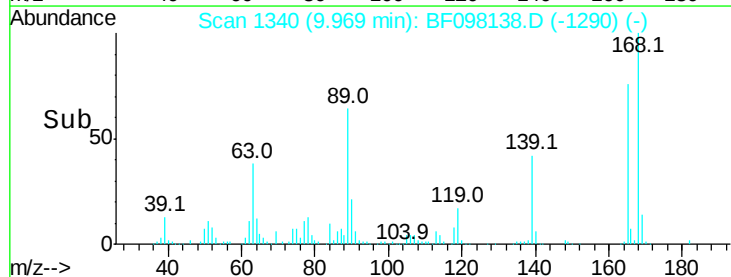
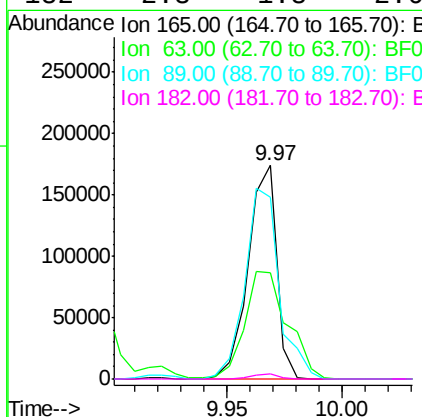
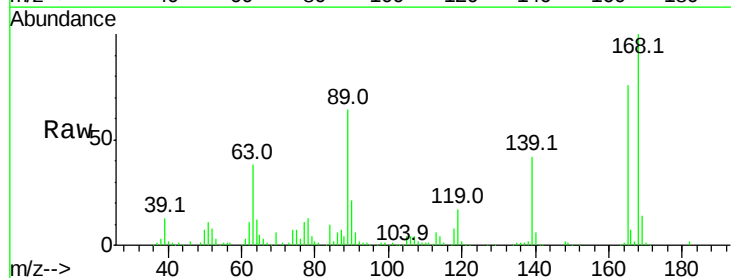
Instrument :
BNA_F
ClientSampleId :

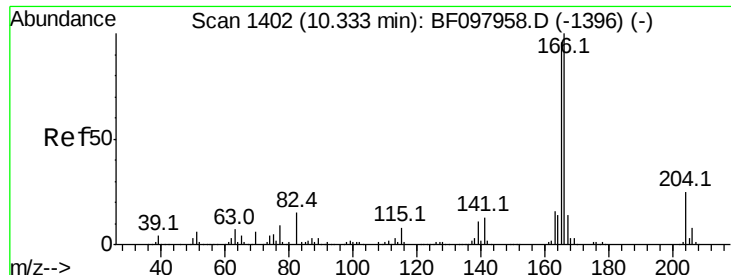
Tot Ion:139 Resp: 161438
Ion Ratio Lower Upper
139 100
109 77.9 34.1 74.1#
65 110.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.162 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion:165 Resp: 151171
Ion Ratio Lower Upper
165 100
63 50.0 25.4 38.0#
89 84.8 46.4 69.6#
182 2.3 1.8 2.6





#57

Fluorene

Concen: 35.636 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

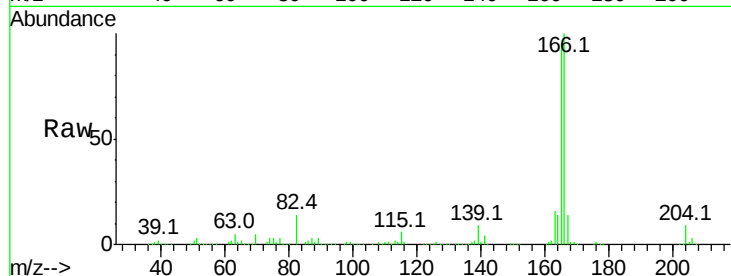
Tot Ion:166 Resp: 494230

Ion Ratio Lower Upper

166 100

165 94.8 78.8 118.2

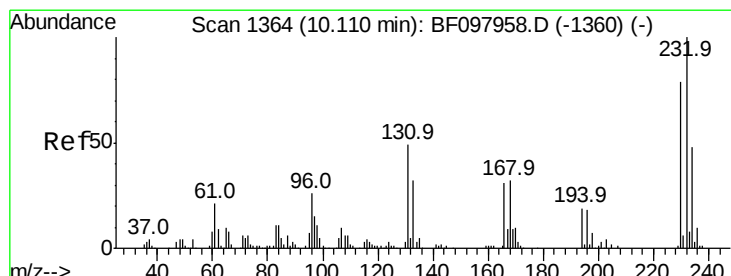
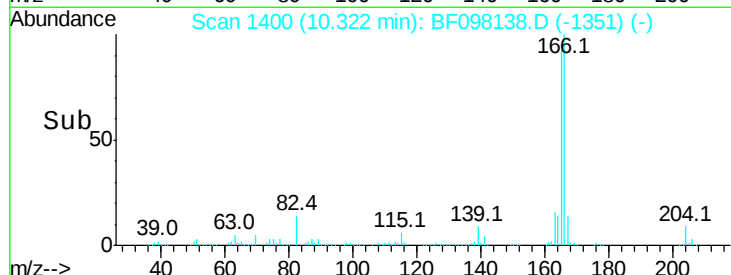
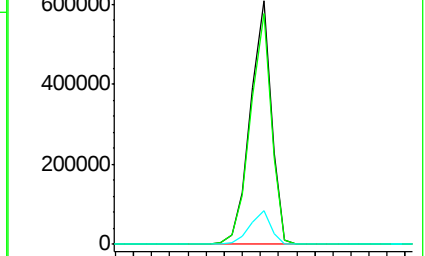
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.488 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion:232 Resp: 122169

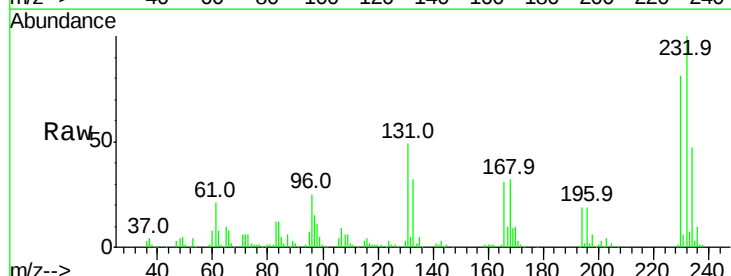
Ion Ratio Lower Upper

232 100

131 50.7 44.8 67.2

130 2.5 2.3 3.5

166 31.8 29.0 43.4

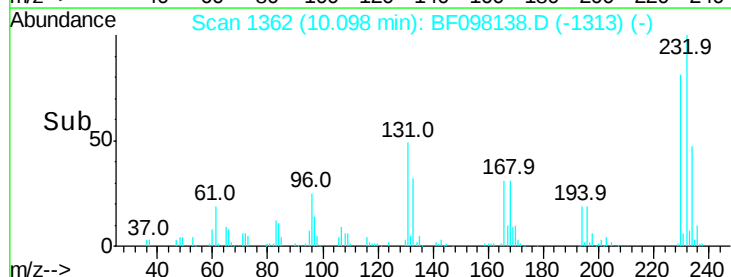
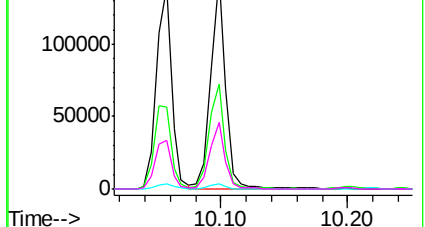


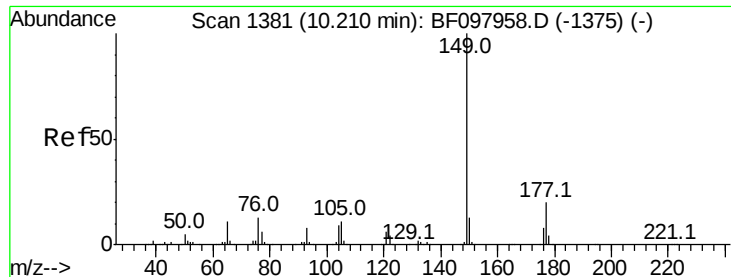
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

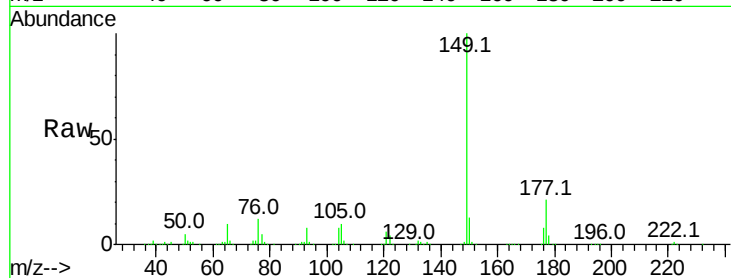




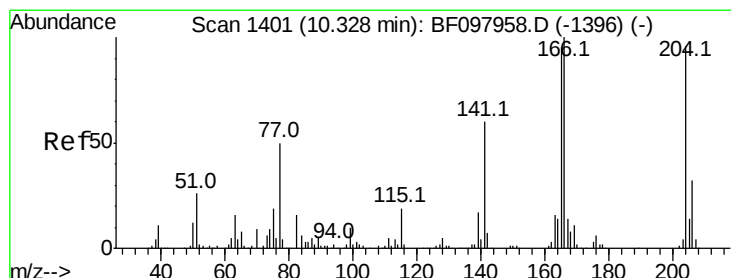
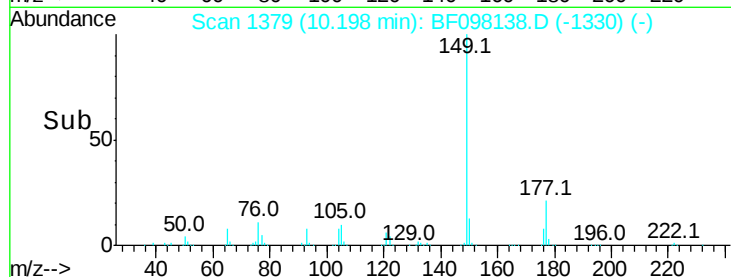
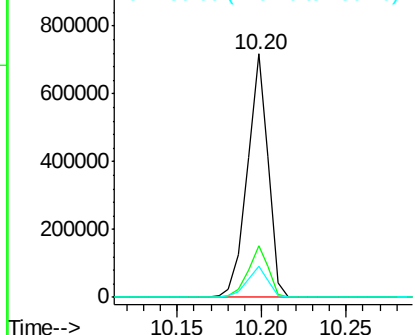
#59
Diethylphthalate
Concen: 40.173 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 615912
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.8 10.2 15.2

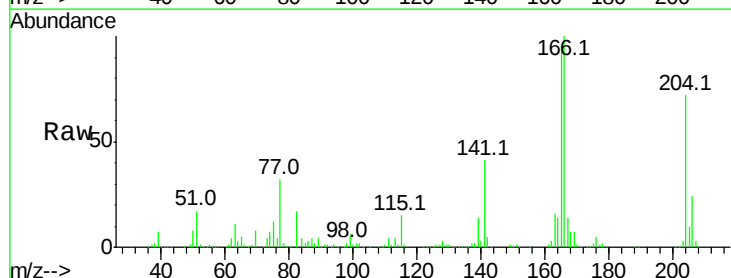


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

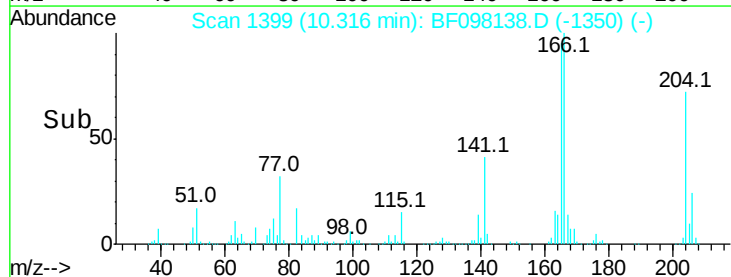
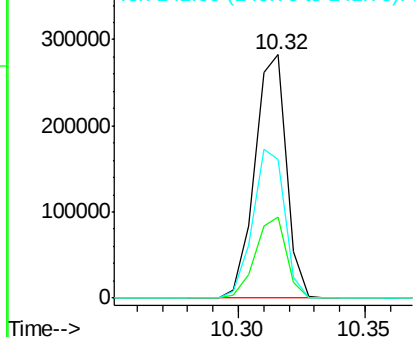


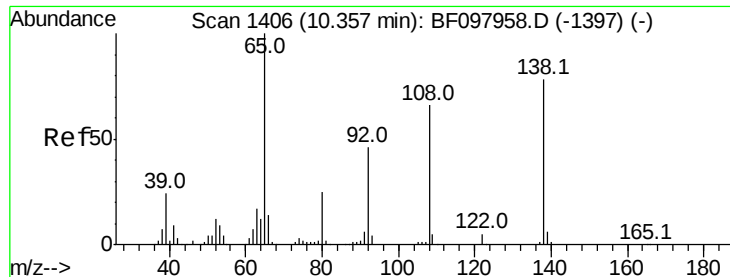
#60
4-Chlorophenyl-phenylether
Concen: 38.133 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion:204 Resp: 245688
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 57.0 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: 35.016 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampled :

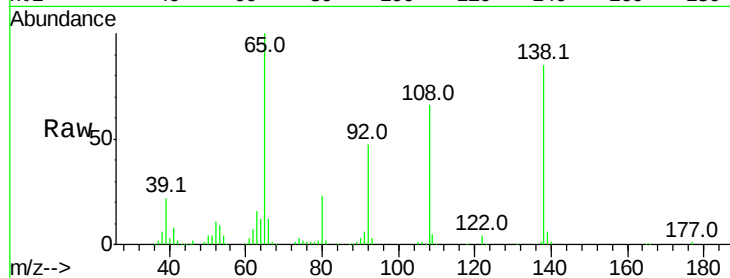
Tot Ion:138 Resp: 125658

Ion Ratio Lower Upper

138 100

92 55.5 21.8 61.8

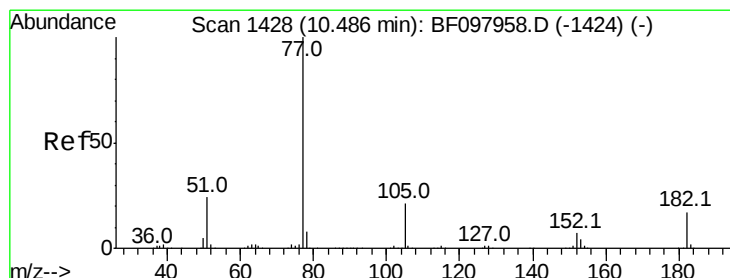
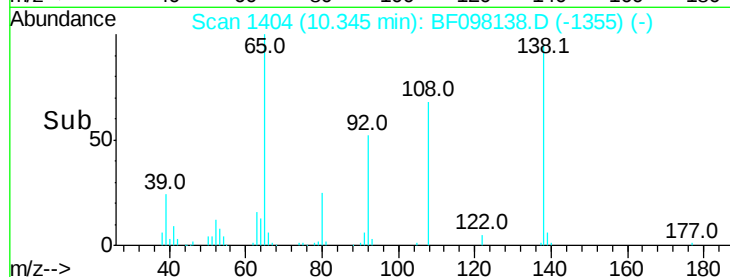
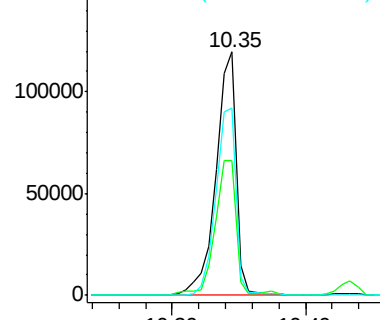
108 77.1 42.3 82.3



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: 37.528 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Tgt Ion: 77 Resp: 683445

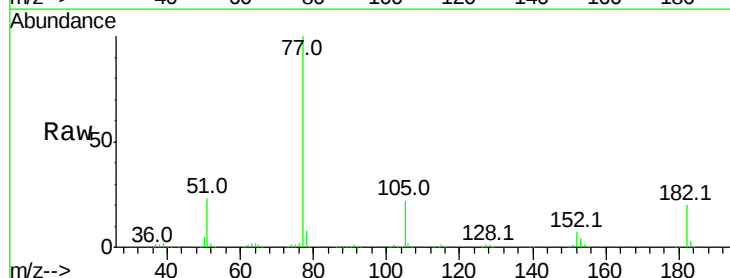
Ion Ratio Lower Upper

77 100

182 19.7 0.1 40.1

105 21.6 3.6 43.6

51 22.7 9.4 49.4

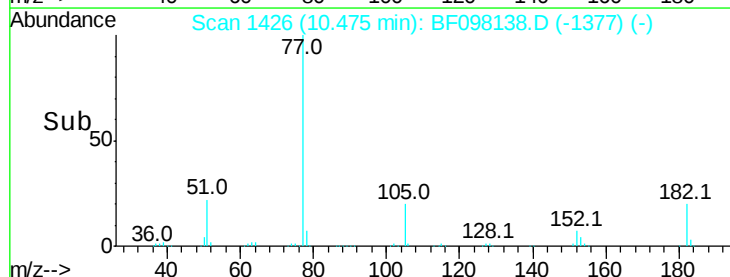
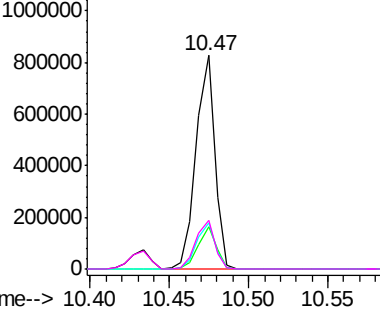


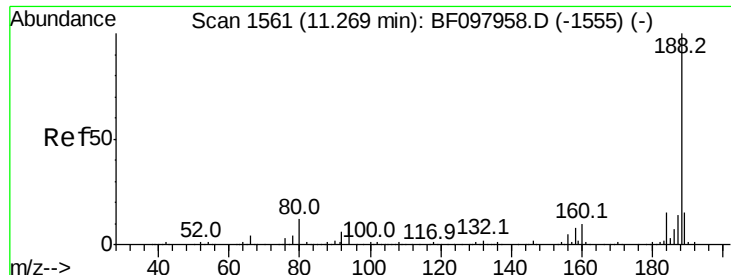
Abundance Ion 77.00 (76.70 to 77.70): BF0

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# 1558

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

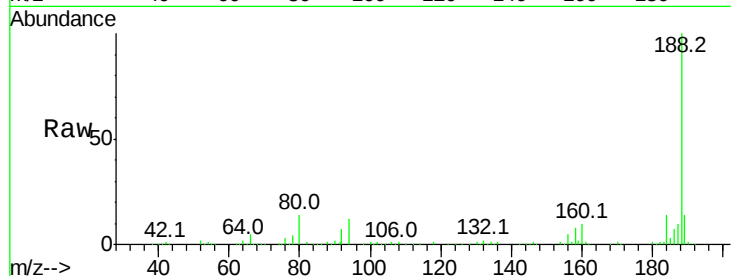
Tot Ion:188 Resp: 322739

Ion Ratio Lower Upper

188 100

94 12.4 9.4 14.2

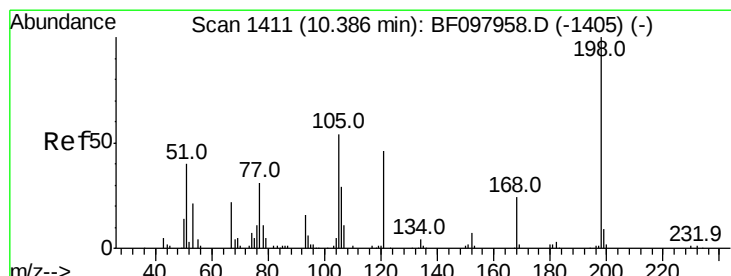
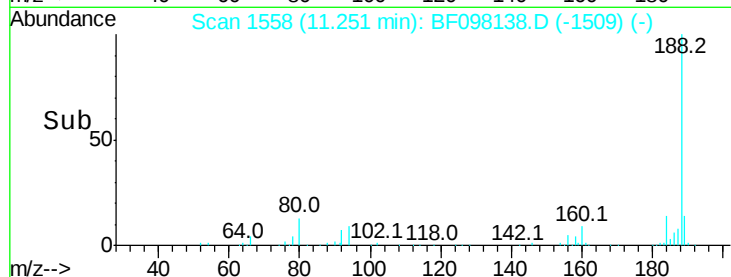
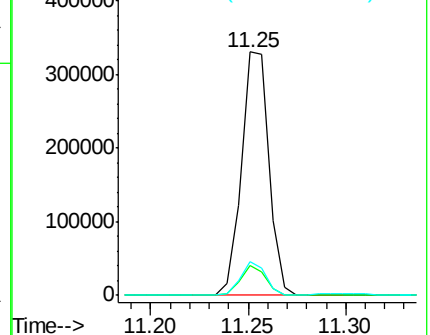
80 13.7 10.2 15.2



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: 24.664 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

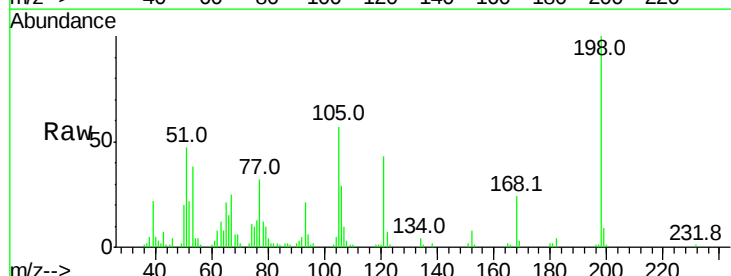
Tgt Ion:198 Resp: 30067

Ion Ratio Lower Upper

198 100

51 47.1 53.2 93.2#

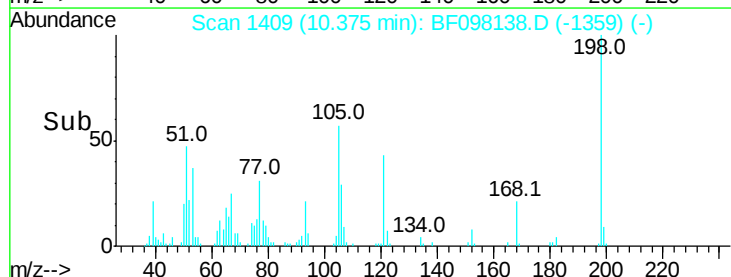
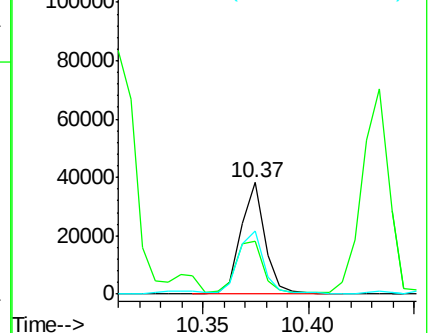
105 56.5 45.8 85.8

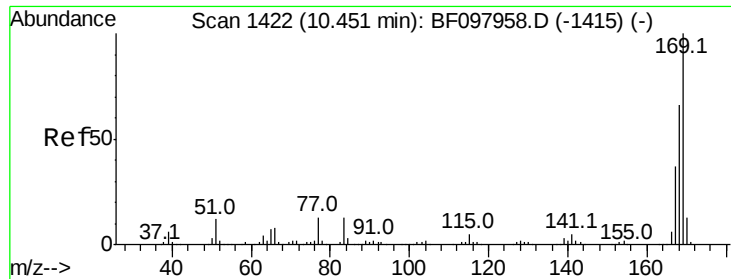


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

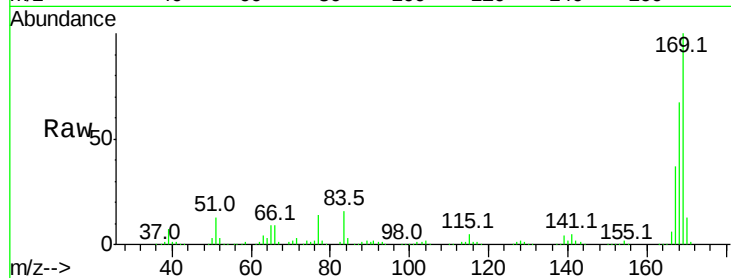




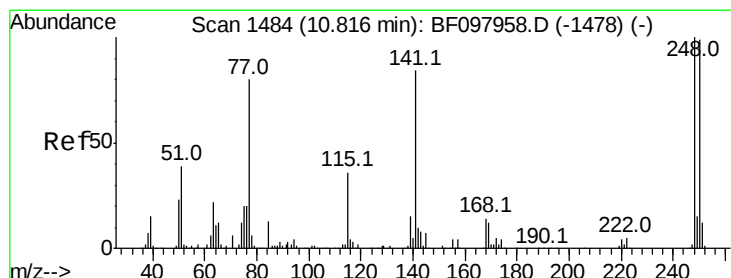
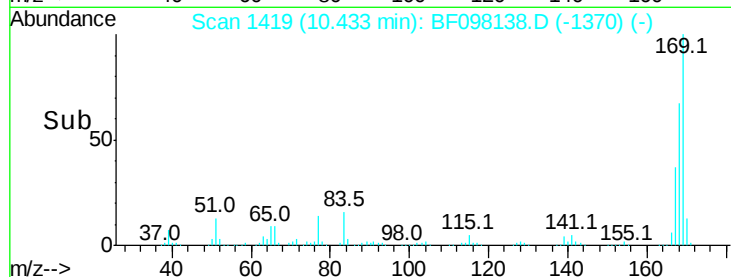
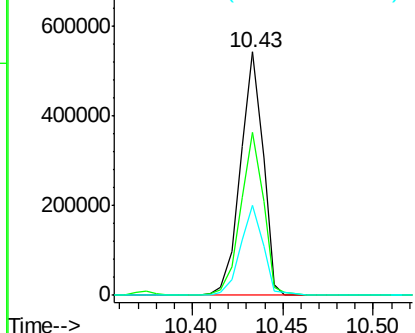
#65
 n-Nitrosodiphenylamine
 Concen: 42.622 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 468423
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.2 79.8
 167 36.9 29.5 44.3

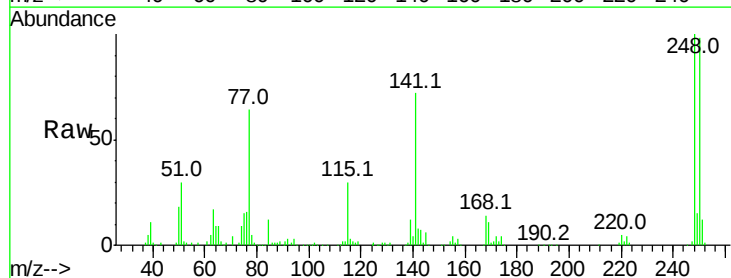


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

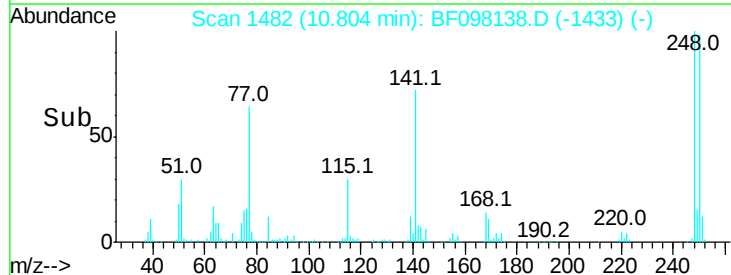
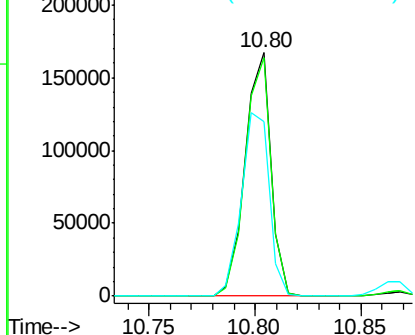


#66
 4-Bromophenyl-phenylether
 Concen: 42.527 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion:248 Resp: 142528
 Ion Ratio Lower Upper
 248 100
 250 97.9 76.8 115.2
 141 71.8 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

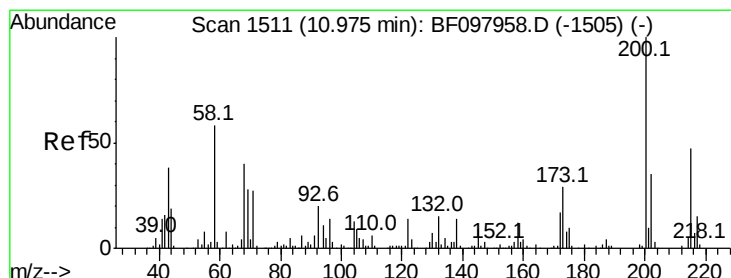
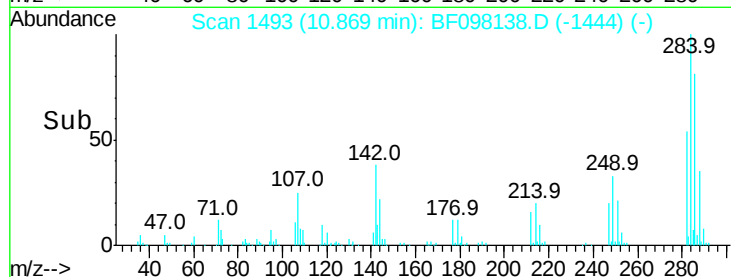
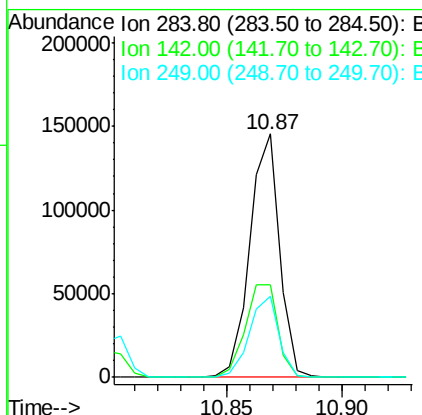
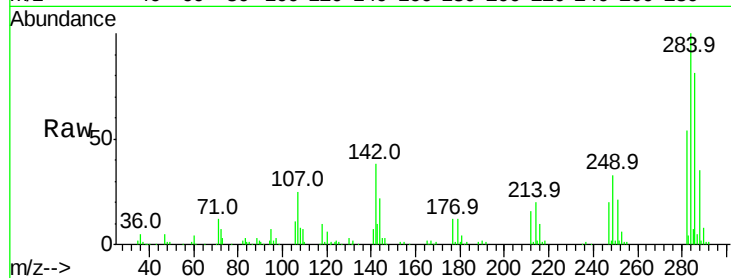




#67
Hexachlorobenzene
Concen: 38.287 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

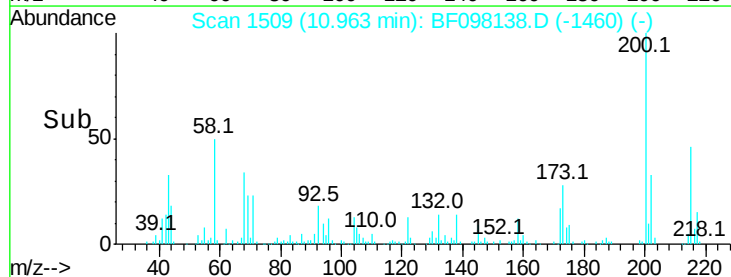
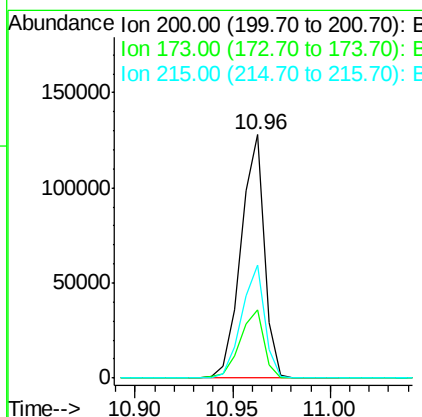
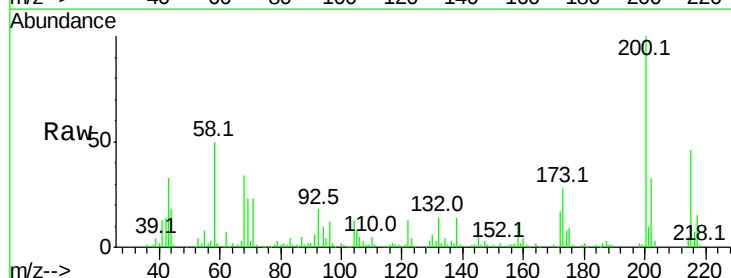
Instrument :
BNA_F
ClientSampleId :

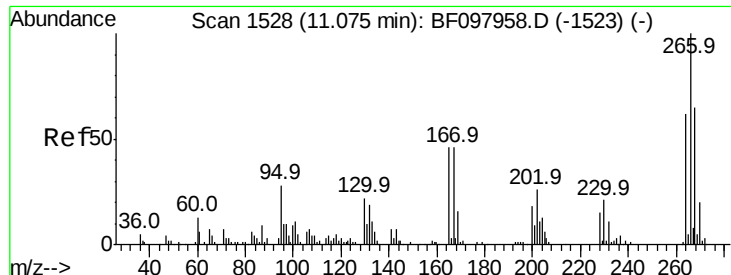
Tot Ion	Ratio	Lower	Upper
284	100		
142	38.0	22.8	34.2#
249	33.4	24.0	36.0



#68
Atrazine
Concen: 36.566 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	6.3	46.3
215	46.5	27.2	67.2

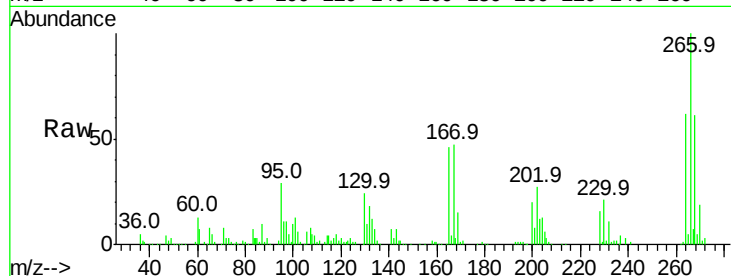




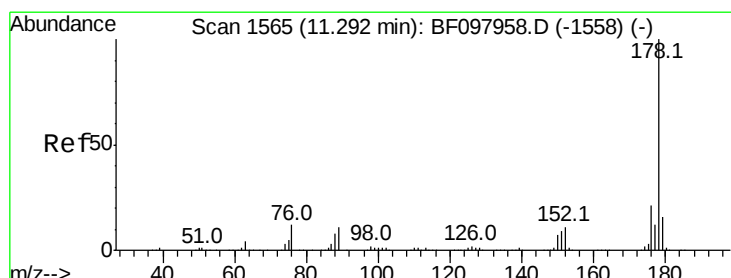
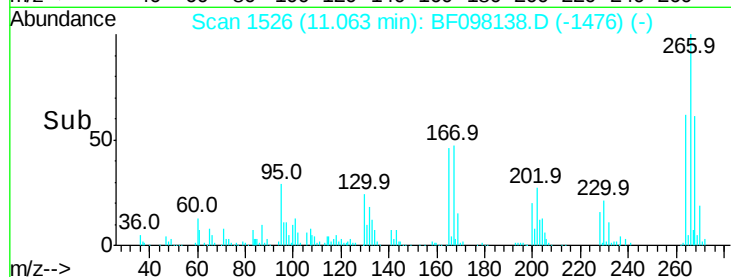
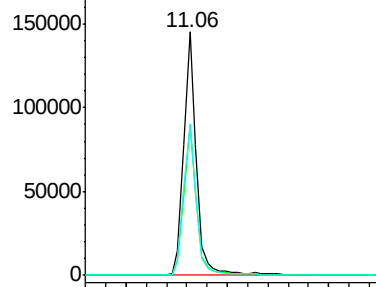
#69
 Pentachlorophenol
 Concen: 64.566 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.1	76.7
264	62.0	51.7	77.5

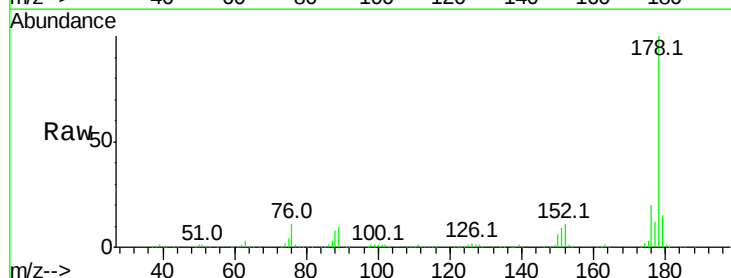


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

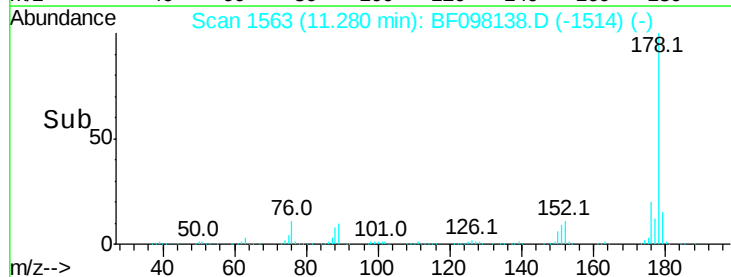
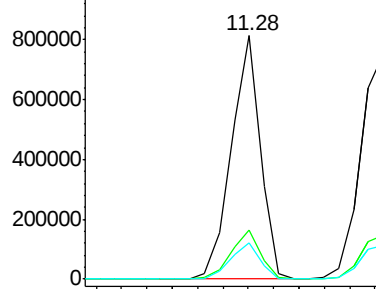


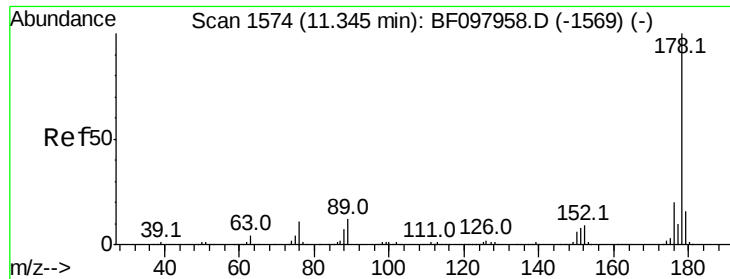
#70
 Phenanthrene
 Concen: 38.085 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	14.9	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

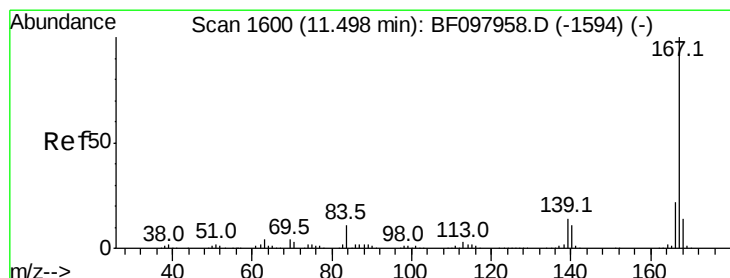
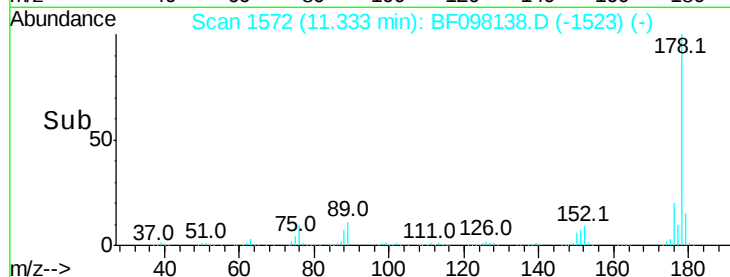
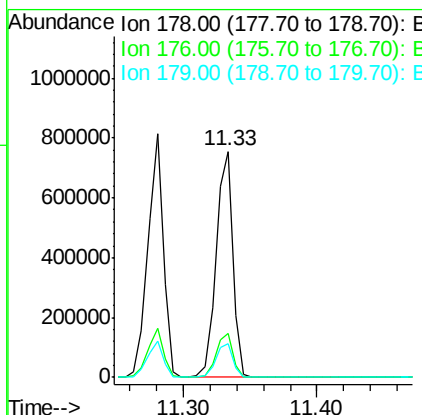
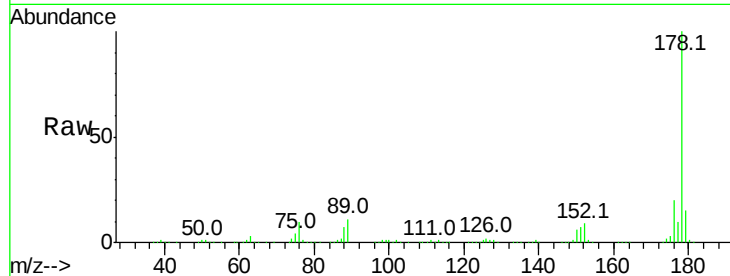




#71
 Anthracene
 Concen: 38.217 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

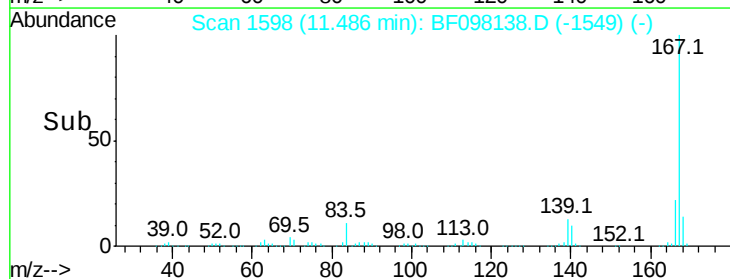
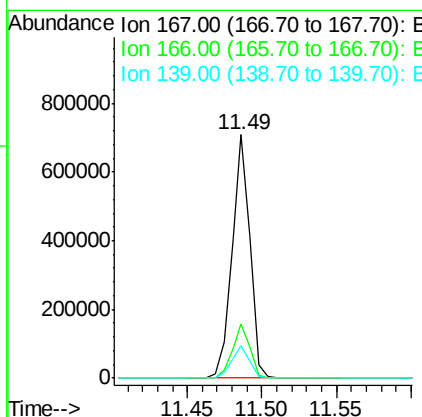
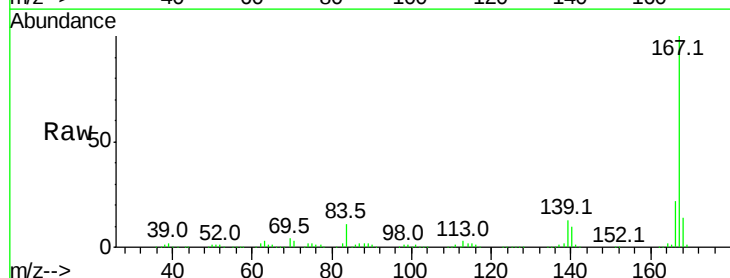
Instrument :
 BNA_F
 ClientSampled :

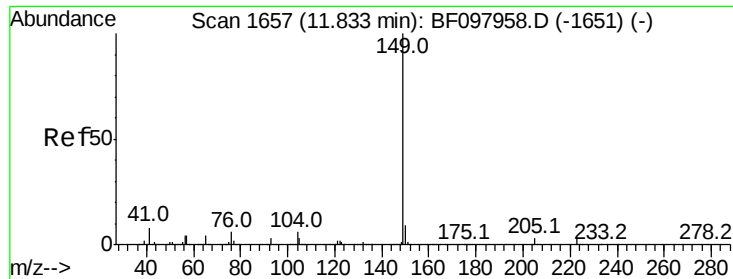
Tot Ion:178 Resp: 666631
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 36.156 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion:167 Resp: 598643
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.903 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

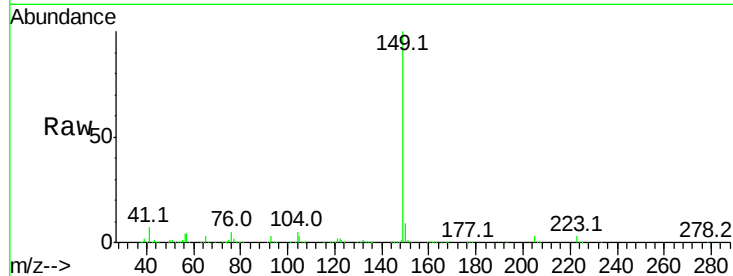
Tot Ion:149 Resp: 875444

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

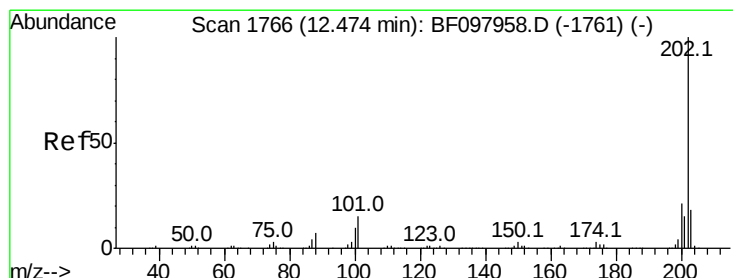
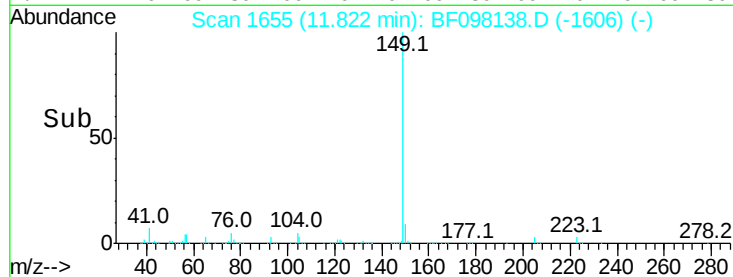
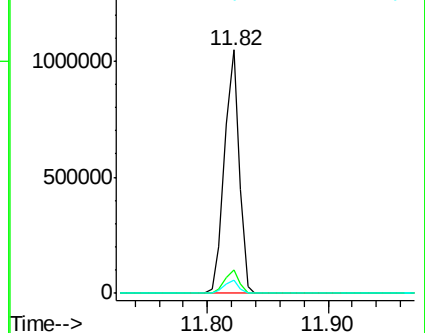
104 5.3 4.0 6.0



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: 35.410 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

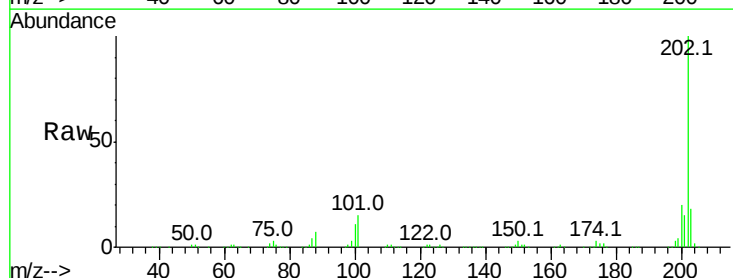
Tgt Ion:202 Resp: 635623

Ion Ratio Lower Upper

202 100

101 14.7 0.0 33.2

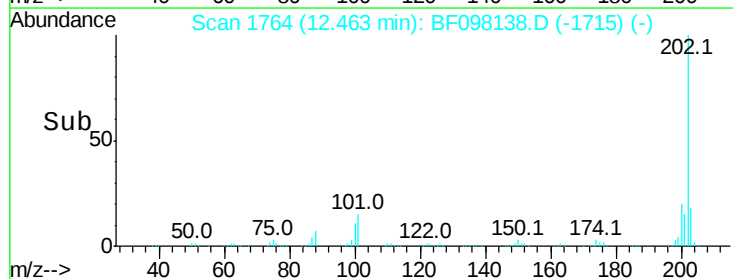
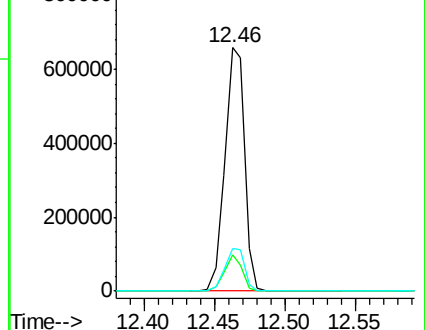
203 17.5 0.0 38.1

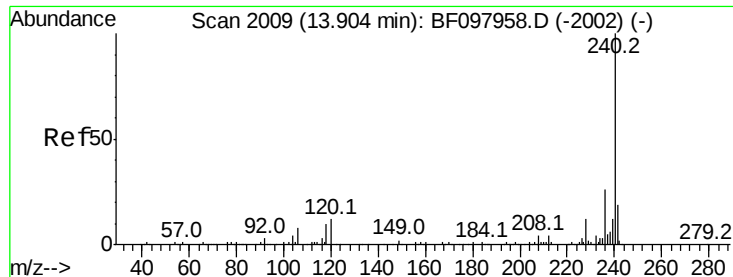


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2007

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

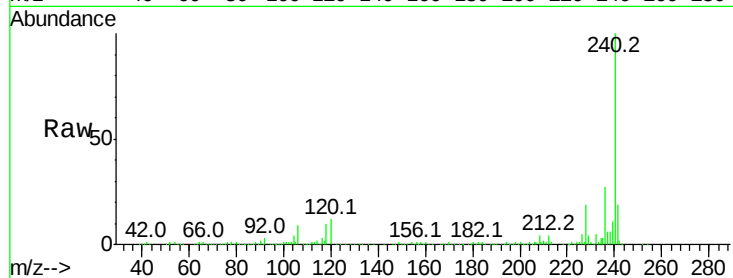
Tot Ion:240 Resp: 250090

Ion Ratio Lower Upper

240 100

120 12.0 5.8 8.8#

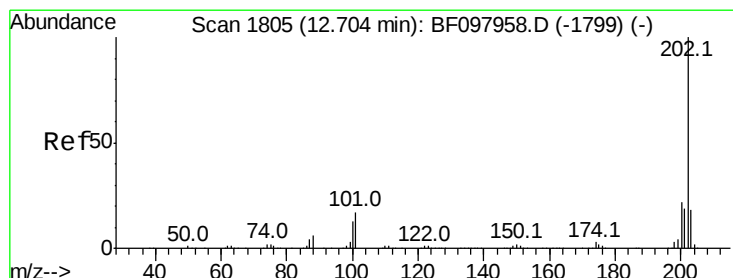
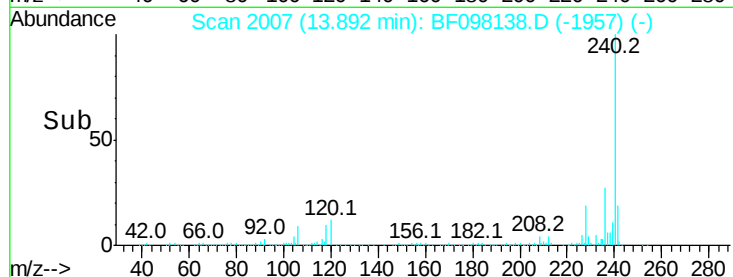
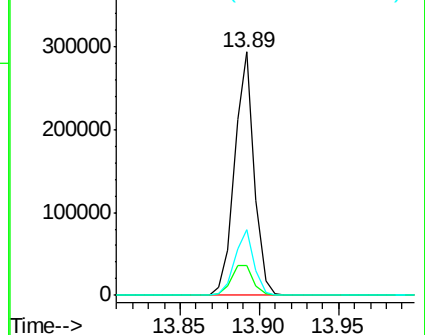
236 26.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 32.345 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

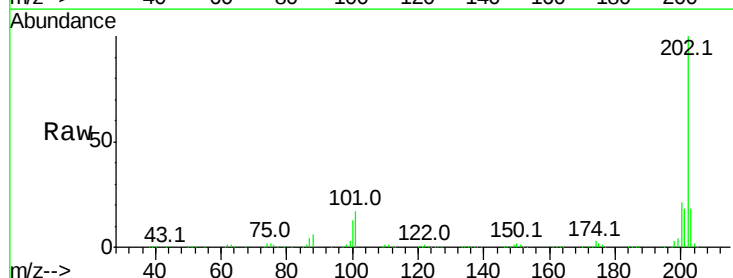
Tgt Ion:202 Resp: 661595

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

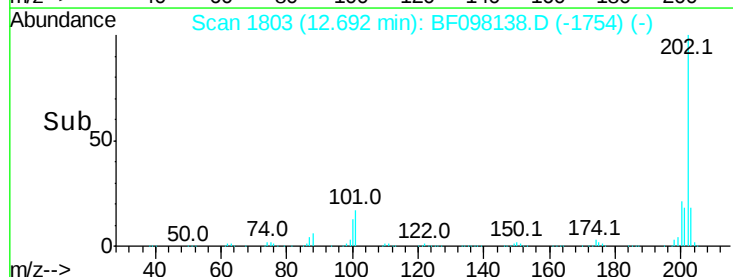
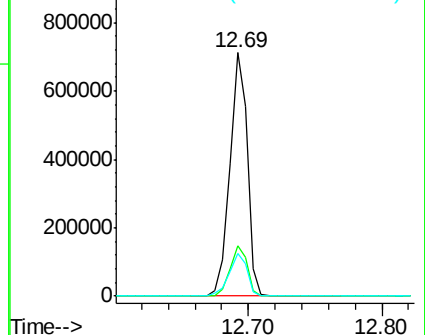
203 17.7 14.4 21.6

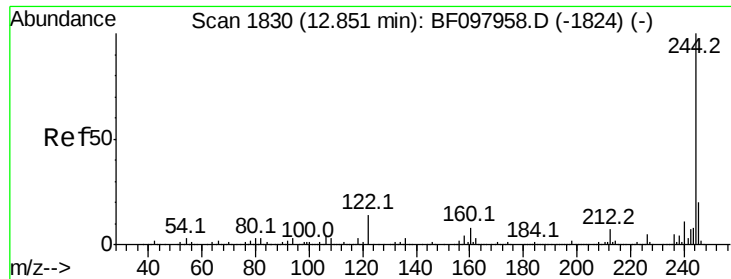


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

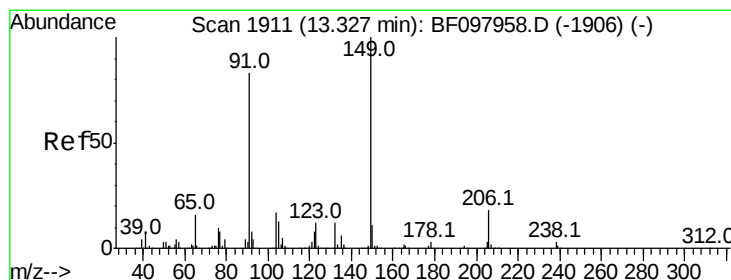
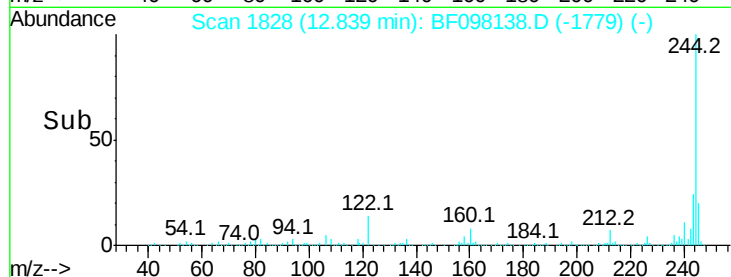
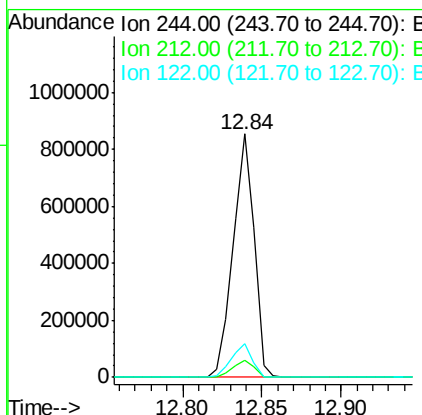
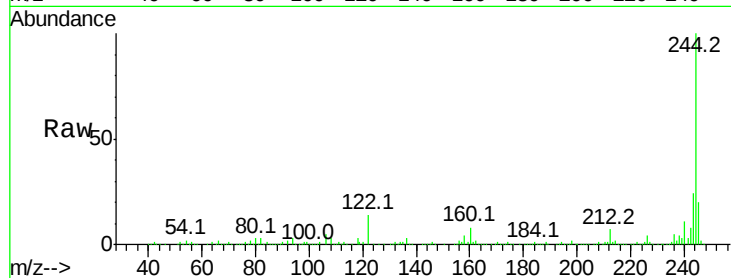




#78
 Terphenyl-d14
 Concen: 65.498 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

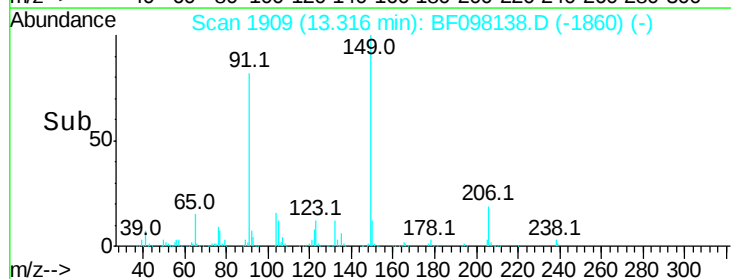
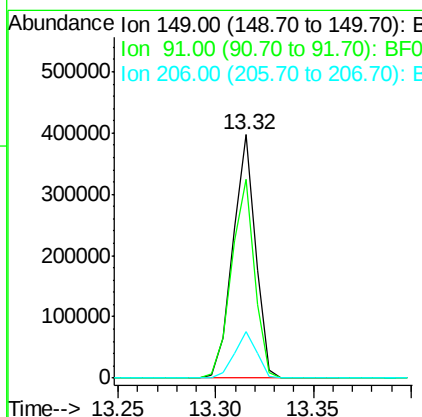
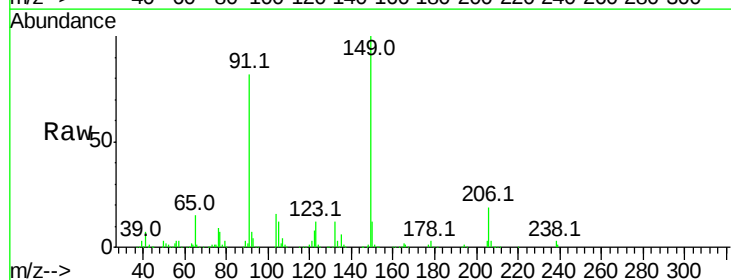
Instrument :
 BNA_F
 ClientSampled :

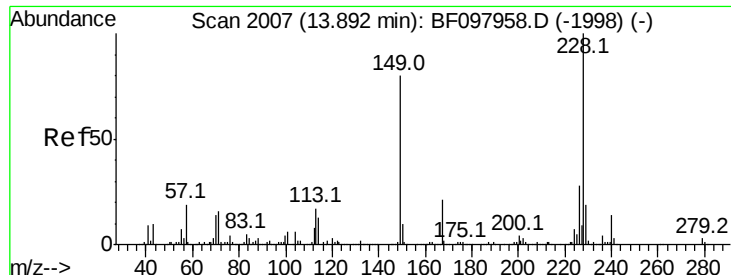
Tot Ion:244 Resp: 785508
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 13.7 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 40.829 ng
 RT: 13.32 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BF098138.D
 Acq: 30 Aug 2017 5:15

Tgt Ion:149 Resp: 320192
 Ion Ratio Lower Upper
 149 100
 91 81.7 45.0 67.4#
 206 19.1 17.0 25.6





#80

Benzo(a)anthracene

Concen: 35.736 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

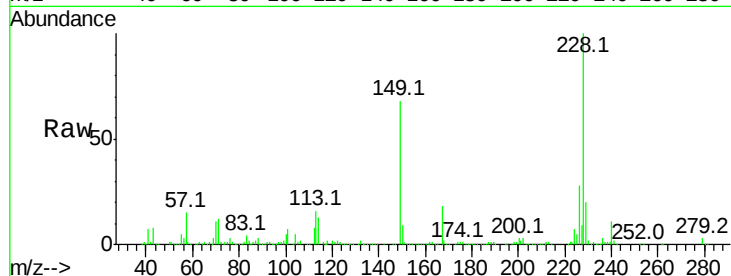
Tot Ion:228 Resp: 535643

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

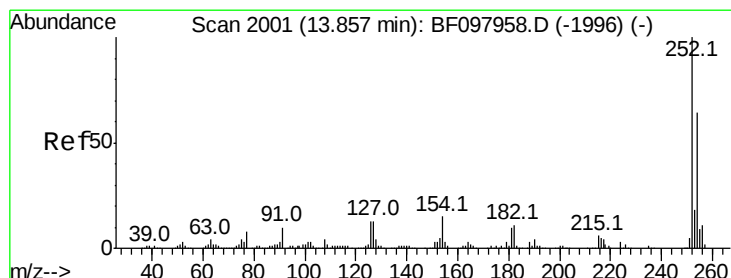
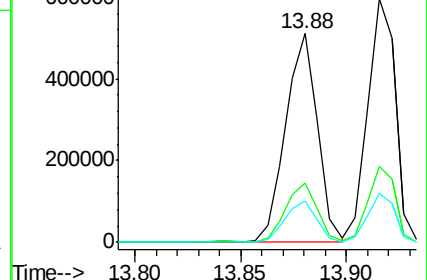
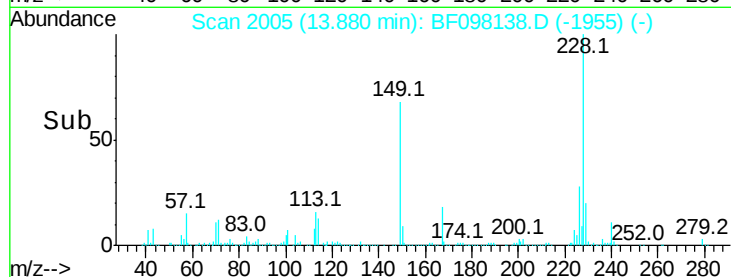
229 19.8 16.3 24.5



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: 35.824 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

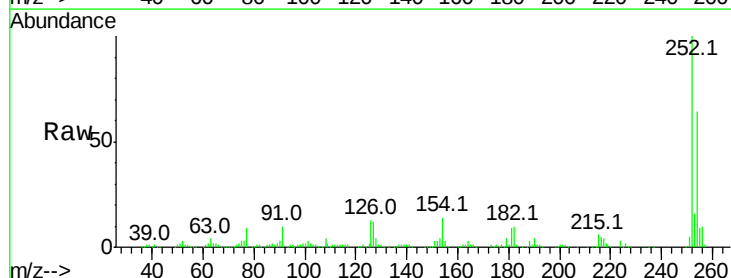
Tgt Ion:252 Resp: 181192

Ion Ratio Lower Upper

252 100

254 63.9 51.5 77.3

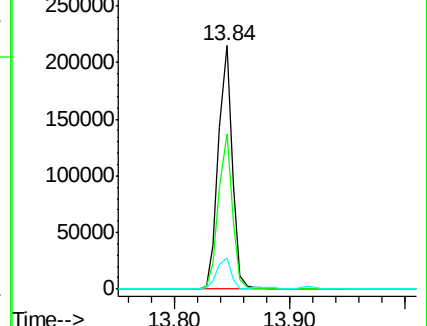
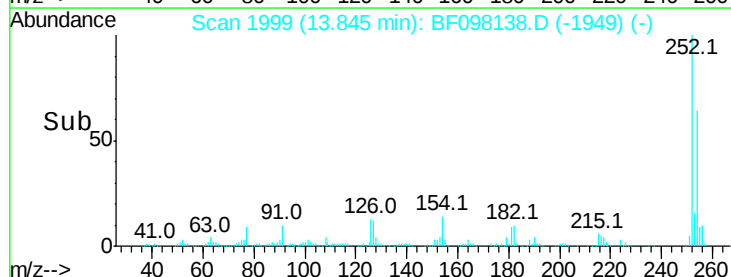
126 12.6 15.8 23.8#

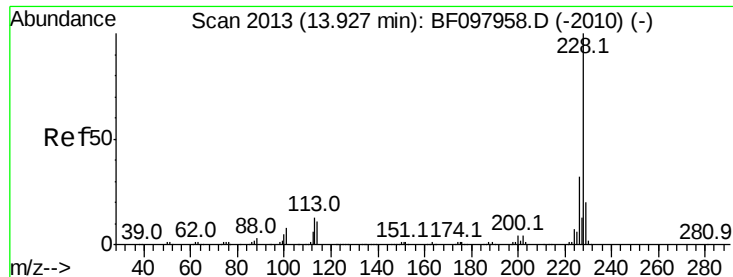


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 36.842 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

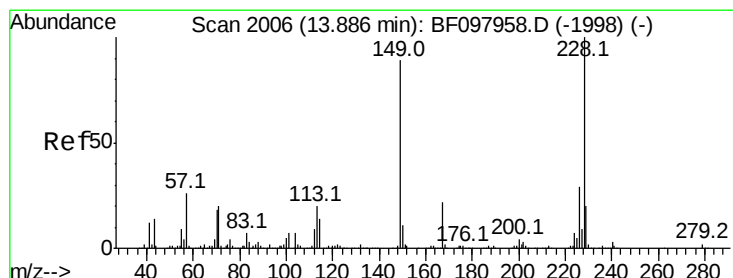
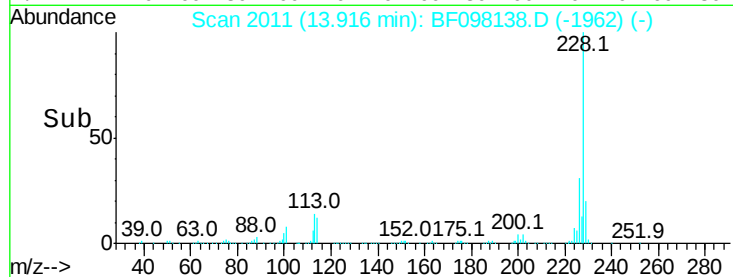
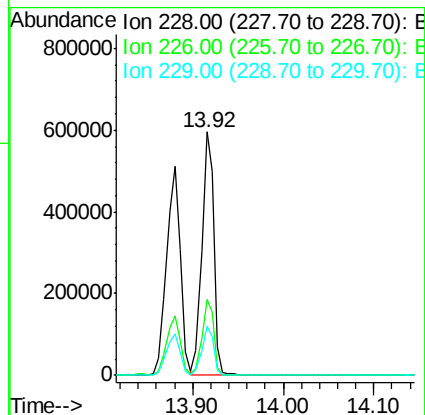
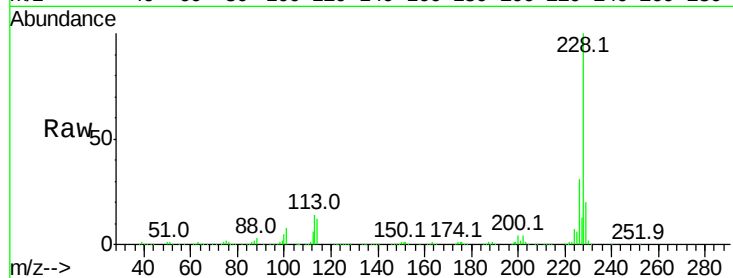
Tot Ion:228 Resp: 549332

Ion Ratio Lower Upper

228 100

226 31.1 24.9 37.3

229 20.0 15.8 23.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.678 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

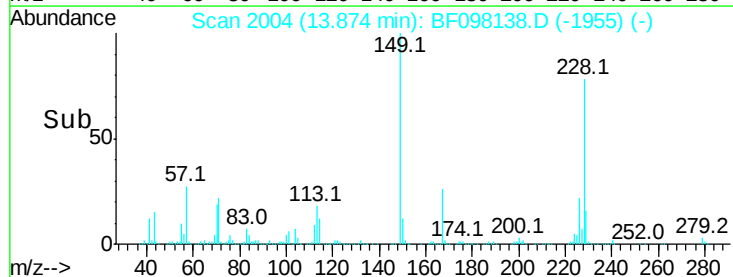
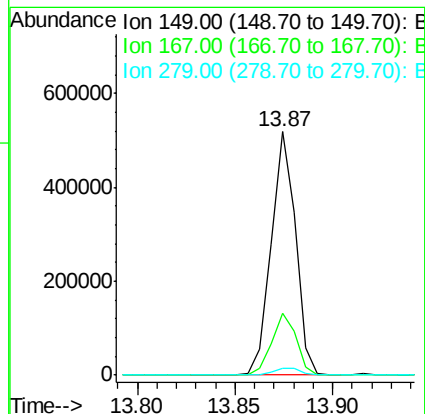
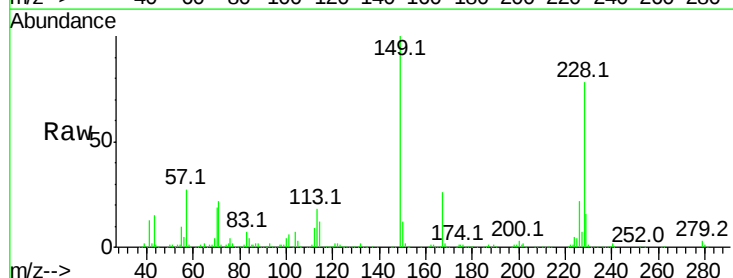
Tgt Ion:149 Resp: 449089

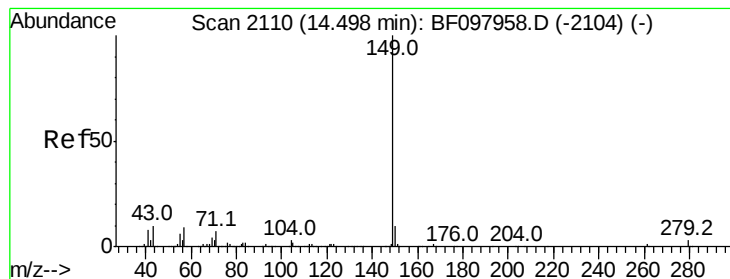
Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

279 2.8 1.9 2.9





#84

Di-n-octyl phthalate

Concen: 53.229 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampled :

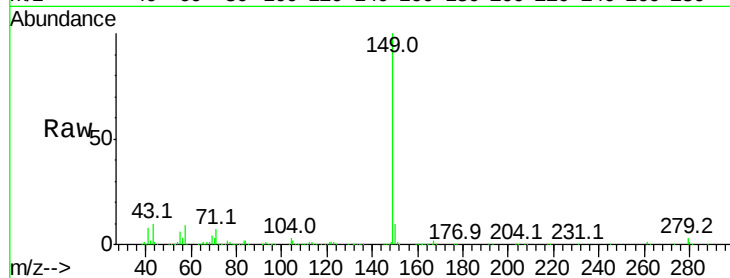
Tot Ion:149 Resp: 804846

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

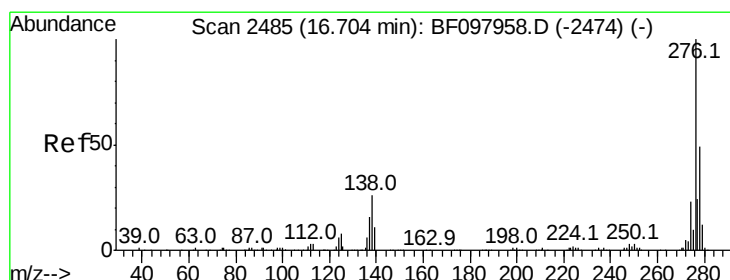
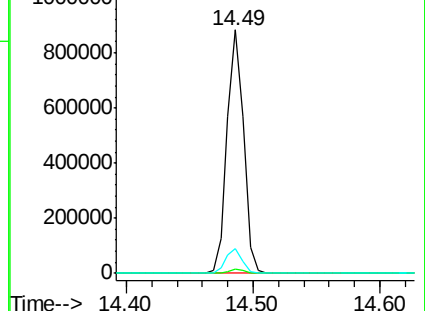
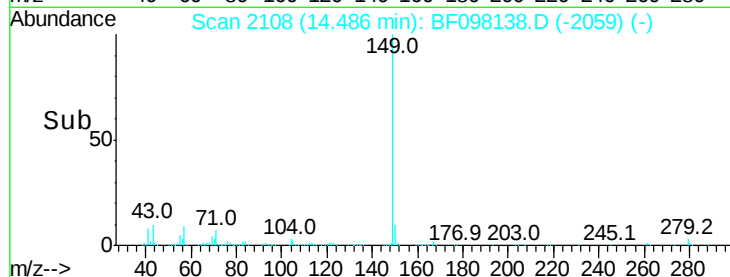
43 9.7 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.534 ng

RT: 16.69 min Scan# 2482

Delta R.T. 0.00 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

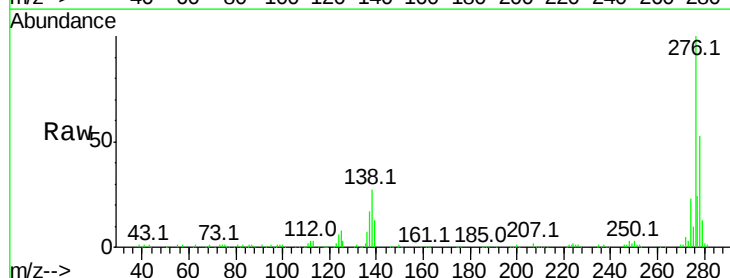
Tgt Ion:276 Resp: 400736

Ion Ratio Lower Upper

276 100

138 28.7 27.8 41.6

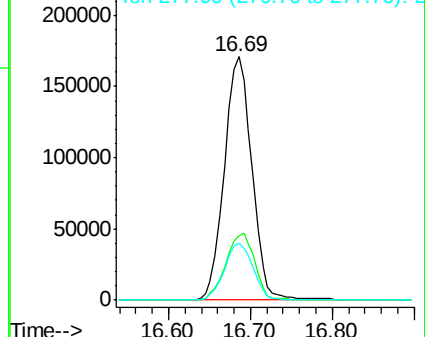
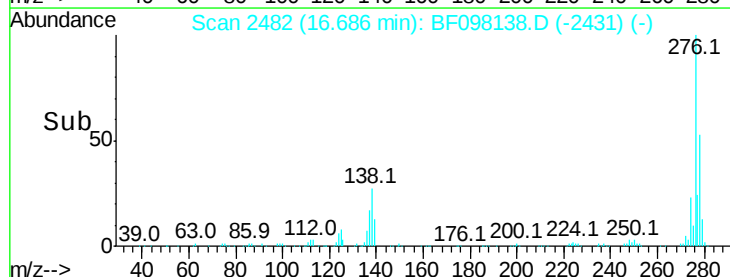
277 24.4 20.2 30.4

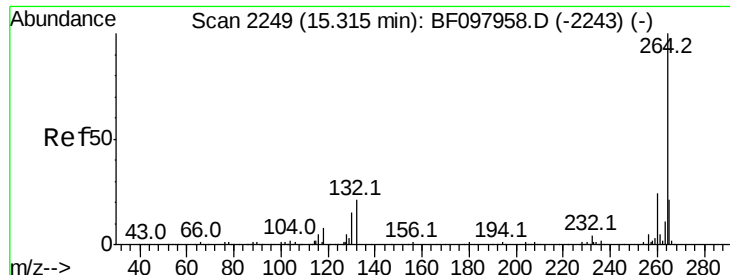


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

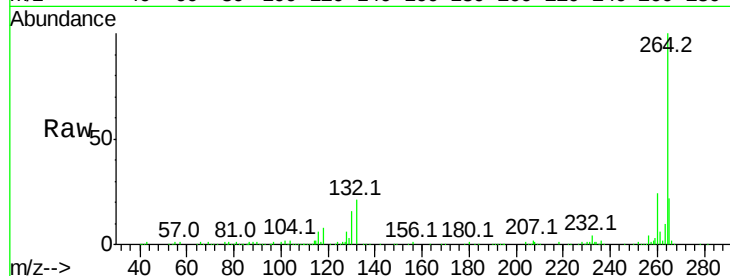




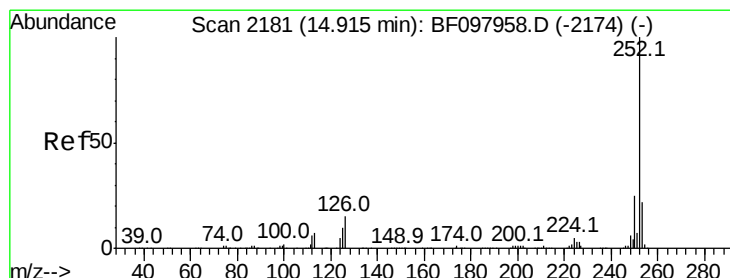
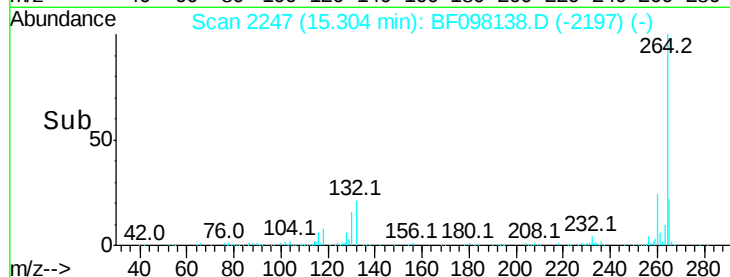
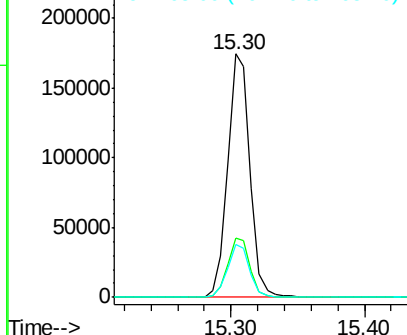
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 205039
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.7 17.2 25.8

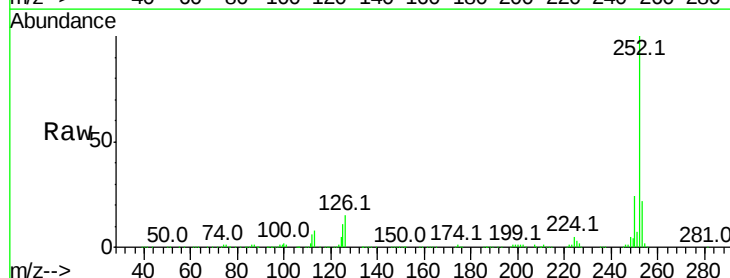


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

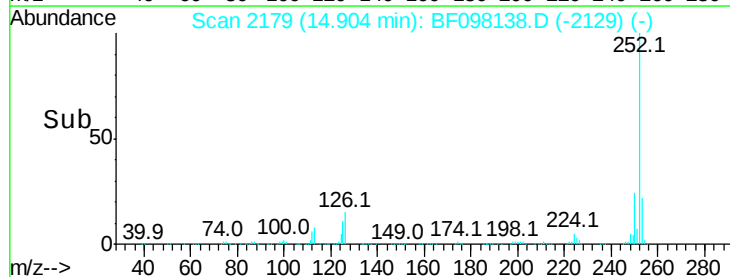
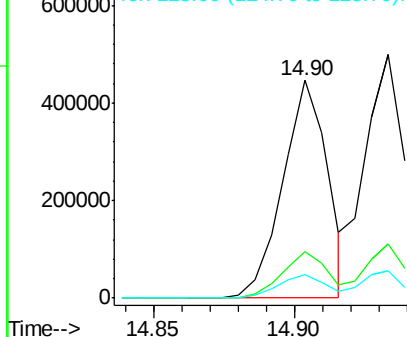


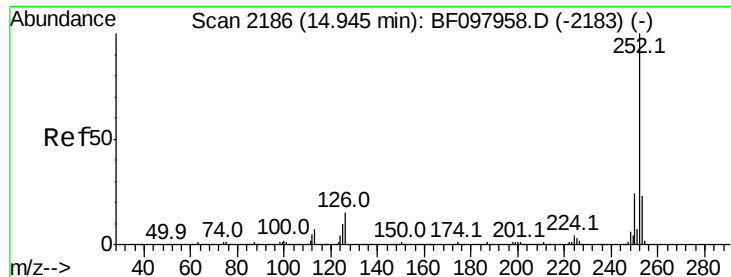
#87
Benzo(b)fluoranthene
Concen: 37.888 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion:252 Resp: 489674
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 10.8 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: 40.276 ng

RT: 14.93 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

Instrument :

BNA_F

ClientSampleId :

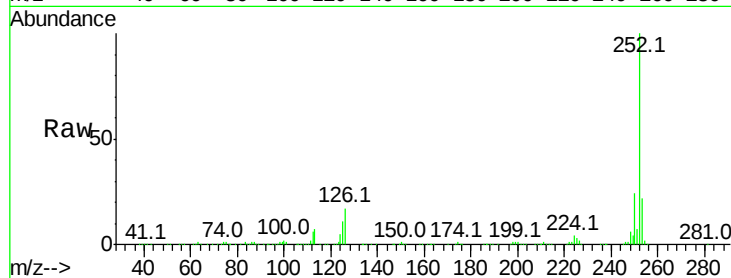
Tot Ion:252 Resp: 489050

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

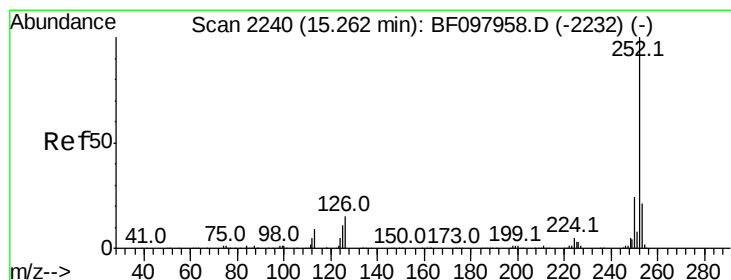
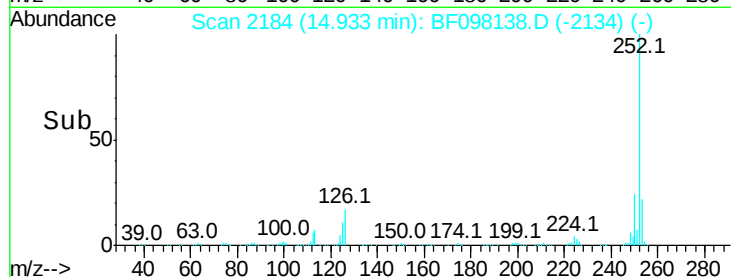
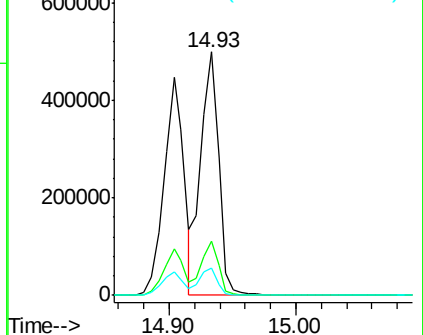
125 11.2 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 39.512 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF098138.D

Acq: 30 Aug 2017 5:15

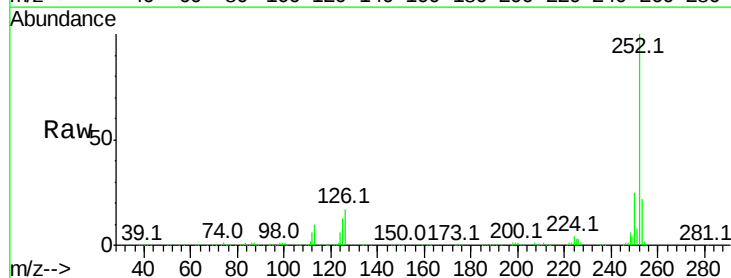
Tgt Ion:252 Resp: 452079

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

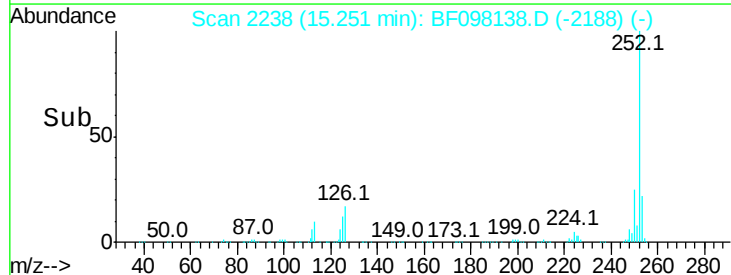
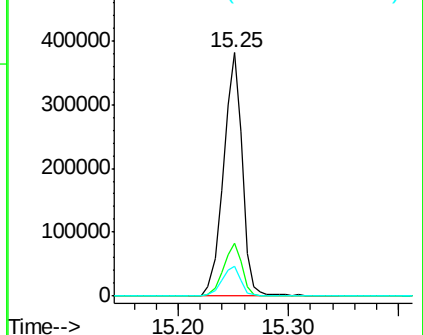
125 12.5 11.0 16.4

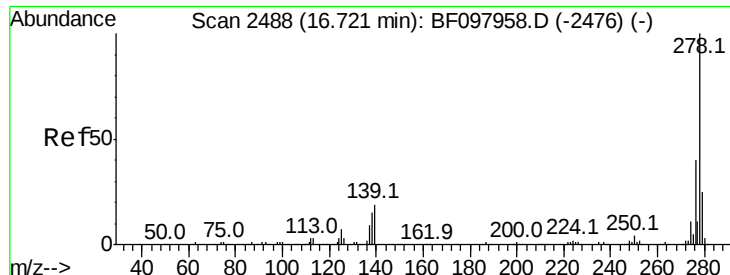


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



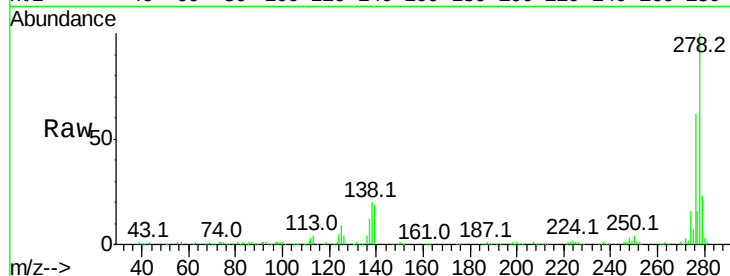


#90
Dibenzo(a,h)anthracene
Concen: 35.904 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

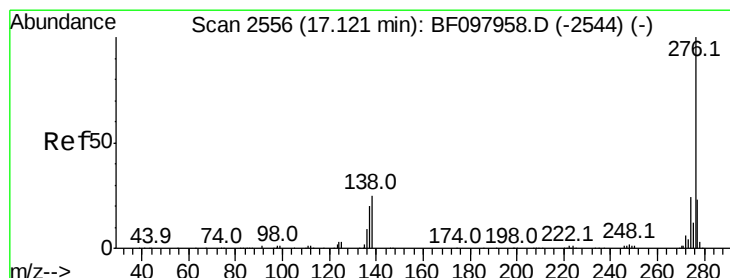
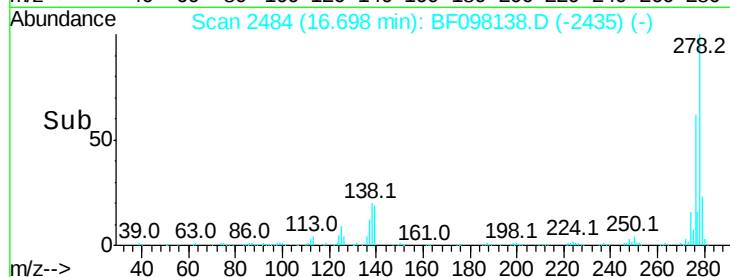
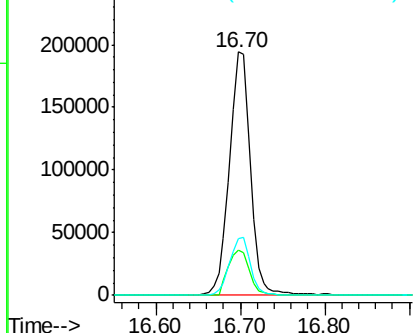
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 334434

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.6	24.8
279	23.5	19.3	28.9



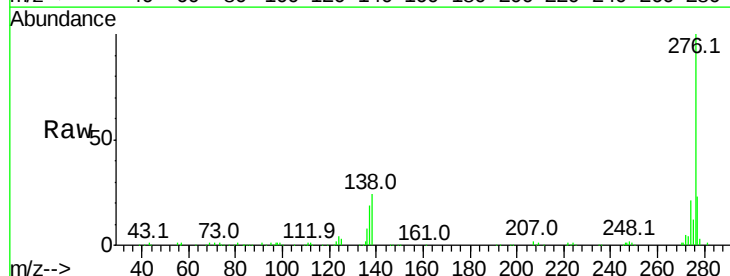
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 33.190 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.01 min
Lab File: BF098138.D
Acq: 30 Aug 2017 5:15

Tgt Ion:276 Resp: 322583

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	28.0
138	23.8	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

