

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF08170.D
 Acq On : 30 Aug 2017 21:58
 Operator : SJ/JU
 Sample : I4980-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 06:46:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119803	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	471227	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	195322	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	311086	20.00	ng	-0.02
75) Chrysene-d12	13.89	240	207617	20.00	ng	-0.01
86) Perylene-d12	15.32	264	194396	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	985658	125.14	ng	-0.01
7) Phenol-d6	6.37	99	1339204	125.14	ng	-0.01
23) Nitrobenzene-d5	7.29	82	817765	94.27	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	207051	122.17	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1156316	86.98	ng	-0.02
78) Terphenyl-d14	12.83	244	725455	72.87	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	148925	33.904	ng	# 87
3) Pyridine	3.13	79	447567	36.858	ng	# 83
4) n-Nitrosodimethylamine	3.09	42	170795	36.554	ng	# 74
6) Aniline	6.39	93	455631	30.308	ng	# 1
8) 2-Chlorophenol	6.52	128	354374	42.663	ng	100
9) Benzaldehyde	6.27	77	175366	25.871	ng	91
10) Phenol	6.39	94	554344	44.291	ng	99
11) bis(2-Chloroethyl)ether	6.47	93	420237	44.486	ng	95
12) 1,3-Dichlorobenzene	6.66	146	355439	39.782	ng	# 93
13) 1,4-Dichlorobenzene	6.75	146	361760	39.811	ng	94
14) 1,2-Dichlorobenzene	6.90	146	333486	39.801	ng	98
15) Benzyl Alcohol	6.87	79	338919	42.301	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	506339	39.838	ng	87
17) 2-Methylphenol	6.99	107	319562	43.657	ng	94
18) Hexachloroethane	7.23	117	135685	38.085	ng	# 81
19) n-Nitroso-di-n-propylamine	7.15	70	283988	38.766	ng	# 88
20) 3+4-Methylphenols	7.15	107	384518	43.009	ng	92
22) Acetophenone	7.14	105	512572	41.175	ng	# 89
24) Nitrobenzene	7.32	77	445636	46.140	ng	98
25) Isophorone	7.55	82	787585	43.665	ng	97
26) 2-Nitrophenol	7.63	139	176478	50.168	ng	# 82
27) 2,4-Dimethylphenol	7.67	122	322323	42.848	ng	94
28) bis(2-Chloroethoxy)methane	7.76	93	509820	42.993	ng	98
29) 2,4-Dichlorophenol	7.87	162	281068	45.012	ng	91
30) 1,2,4-Trichlorobenzene	7.95	180	283060	40.891	ng	99
31) Naphthalene	8.03	128	998436	40.813	ng	100
32) Benzoic acid	7.75	122	17900	9.235	ng	88
33) 4-Chloroaniline	8.09	127	307615	29.815	ng	98
34) Hexachlorobutadiene	8.15	225	160301	39.662	ng	97
35) Caprolactam	8.46	113	64495	30.382	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	326214	40.661	ng	# 78
37) 2-Methylnaphthalene	8.72	142	635524	42.372	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	258243	43.081	ng	98
40) Hexachlorocyclopentadiene	8.87	237	127041	44.115	ng	99

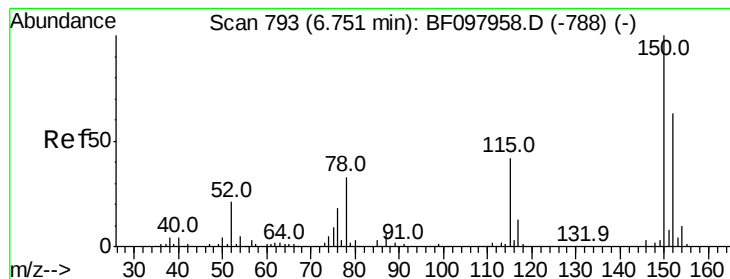
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	176026	43.739	nq	98
43) 2,4,5-Trichlorophenol	9.05	196	179302	44.909	nq	97
45) 1,1'-Biphenyl	9.19	154	733223	41.166	nq	96
46) 2-Chloronaphthalene	9.21	162	538220	40.897	nq	# 91
47) 2-Nitroaniline	9.31	65	216776	49.134	nq	96
48) Acenaphthylene	9.62	152	848680	41.065	nq	100
49) Dimethylphthalate	9.49	163	827267	57.942	nq	99
50) 2,6-Dinitrotoluene	9.55	165	141268	49.569	nq	# 63
51) Acenaphthene	9.80	154	503649	38.641	nq	99
52) 3-Nitroaniline	9.72	138	127890	34.782	nq	87
53) 2,4-Dinitrophenol	9.82	184	14300	19.353	nq	# 75
54) Dibenzofuran	9.97	168	750088	42.939	nq	98
55) 4-Nitrophenol	9.89	139	204988	69.887	nq	# 55
56) 2,4-Dinitrotoluene	9.96	165	165492	46.271	nq	# 68
57) Fluorene	10.31	166	535158	39.624	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.09	232	132895	42.992	nq	93
59) Diethylphthalate	10.19	149	623353	41.750	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	254930	40.630	nq	# 83
61) 4-Nitroaniline	10.33	138	137104	39.232	nq	78
62) Azobenzene	10.46	77	695335	39.207	nq	93
64) 4,6-Dinitro-2-methylphenol	10.36	198	16305	17.515	nq	# 81
65) n-Nitrosodiphenylamine	10.42	169	493396	46.576	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	151409	46.870	nq	91
67) Hexachlorobenzene	10.86	284	141129	42.862	nq	# 92
68) Atrazine	10.96	200	135255	48.144	nq	97
69) Pentachlorophenol	11.05	266	137917	71.839	nq	99
70) Phenanthrene	11.27	178	721673	43.535	nq	99
71) Anthracene	11.32	178	711812	42.336	nq	99
72) Carbazole	11.47	167	666960	41.791	nq	98
73) Di-n-butylphthalate	11.81	149	813933	44.276	nq	99
74) Fluoranthene	12.46	202	687472	39.733	nq	99
77) Pyrene	12.68	202	694792	40.917	nq	99
79) Butylbenzylphthalate	13.31	149	290096	44.559	nq	# 79
80) Benzo(a)anthracene	13.87	228	507057	40.749	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	47190	11.239	nq	97
82) Chrysene	13.91	228	509387	41.152	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	344246	47.717	nq	# 99
84) Di-n-octyl phthalate	14.49	149	579788	46.189	nq	95
85) Indeno(1,2,3-cd)pyrene	16.70	276	528692	58.060	nq	96
87) Benzo(b)fluoranthene	14.91	252	535165	43.675	nq	# 93
88) Benzo(k)fluoranthene	14.94	252	404362	35.125	nq	99
89) Benzo(a)pyrene	15.26	252	469686	43.299	nq	# 95
90) Dibenzo(a,h)anthracene	16.72	278	435984	49.369	nq	99
91) Benzo(g,h,i)perylene	17.12	276	441930	47.959	nq	96

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

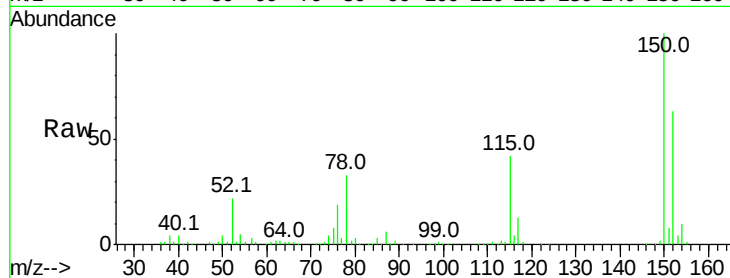


#1

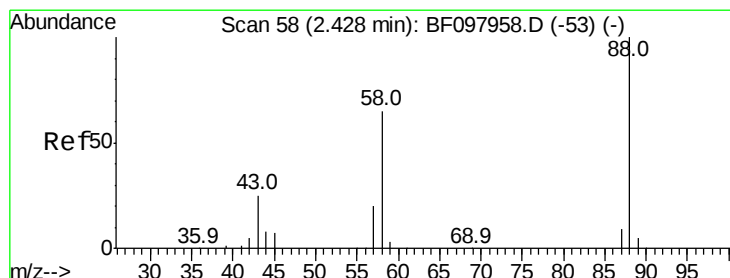
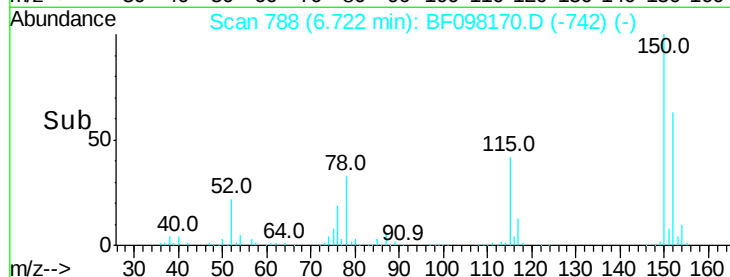
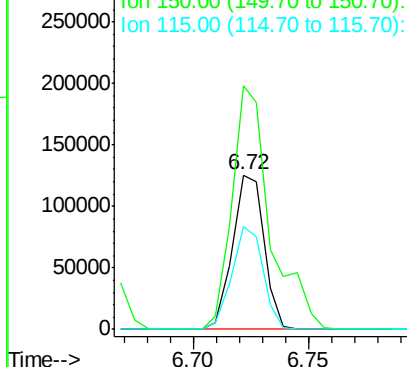
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.03 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 119803
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 66.6 52.2 78.2



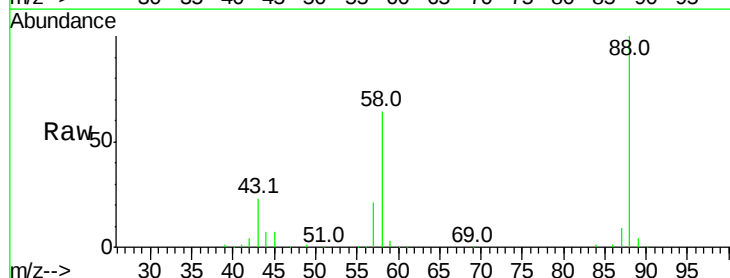
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



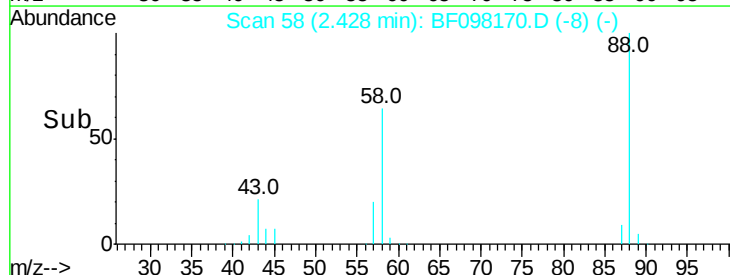
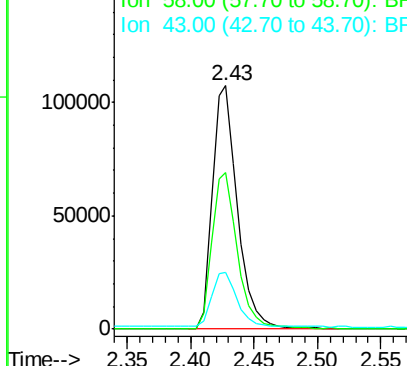
#2

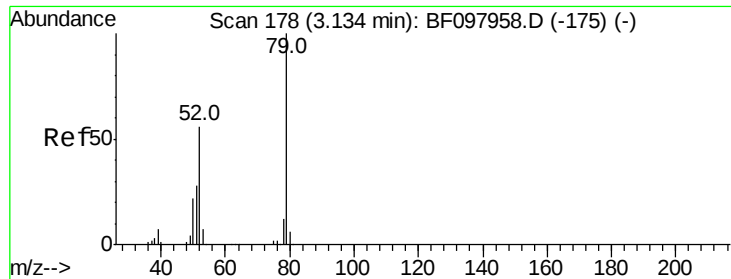
1,4-Dioxane
Concen: 33.904 ng
RT: 2.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Tgt Ion: 88 Resp: 148925
Ion Ratio Lower Upper
88 100
58 65.3 61.4 92.0
43 22.9 23.4 35.0#



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





#3

Pvrirdine

Concen: 36.858 ng

RT: 3.13 min Scan# 178

Delta R.T. -0.00 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampled :

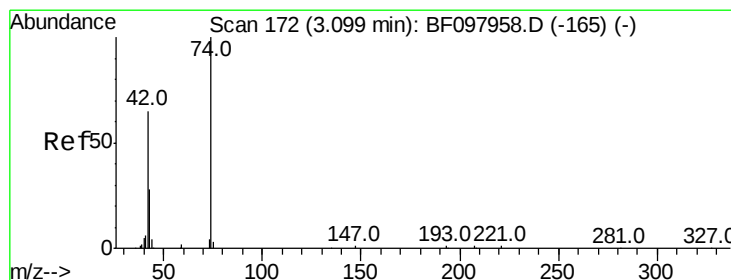
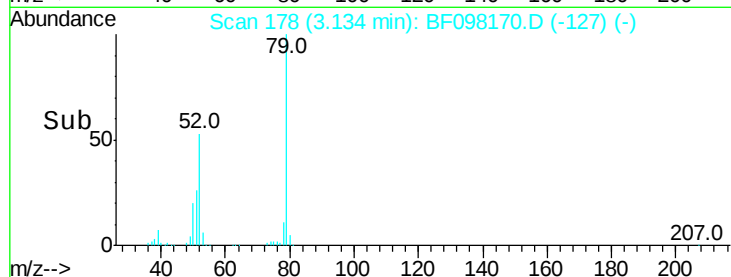
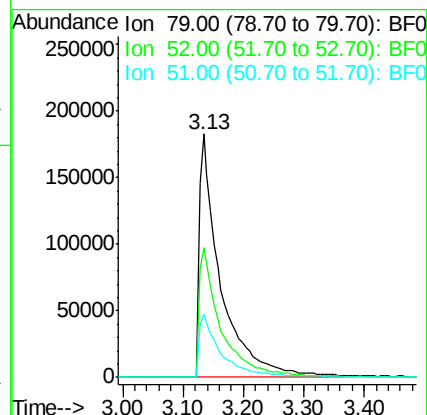
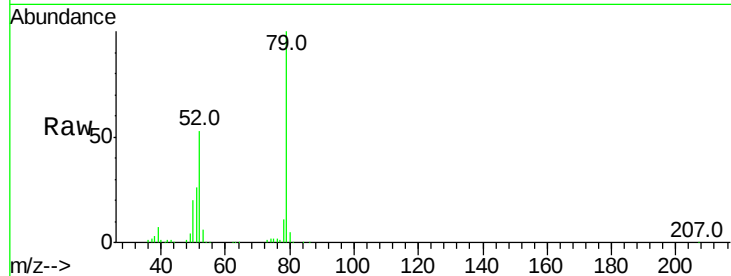
Tot Ion: 79 Resp: 447567

Ion Ratio Lower Upper

79 100

52 53.5 54.8 82.2#

51 26.1 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 36.554 ng

RT: 3.09 min Scan# 170

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

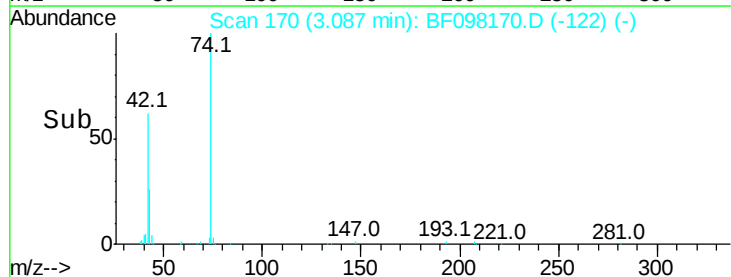
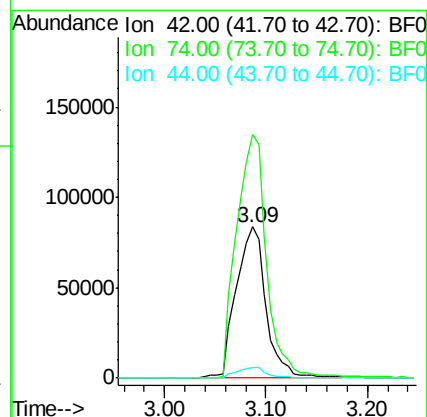
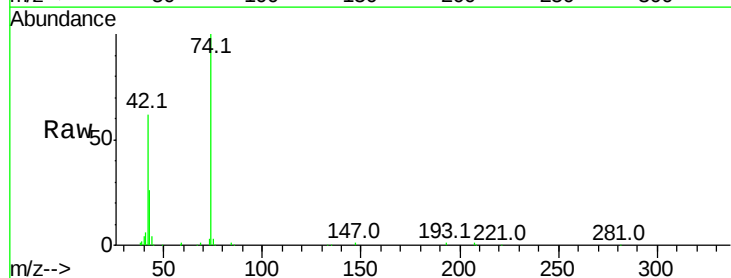
Tgt Ion: 42 Resp: 170795

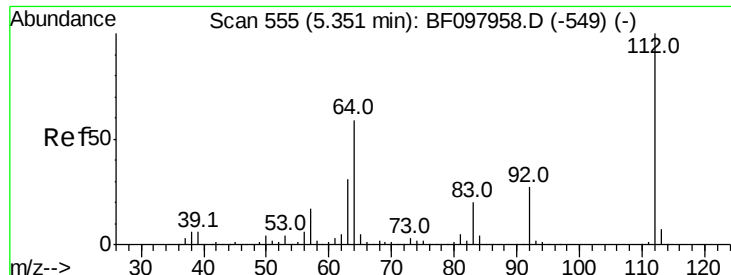
Ion Ratio Lower Upper

42 100

74 161.2 103.9 155.9#

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 125.144 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampled :

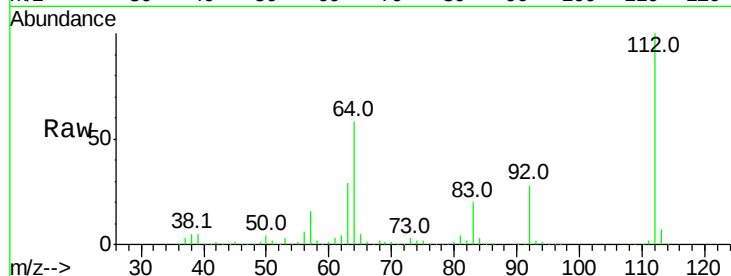
Tot Ion:112 Resp: 985658

Ion Ratio Lower Upper

112 100

64 57.9 46.0 69.0

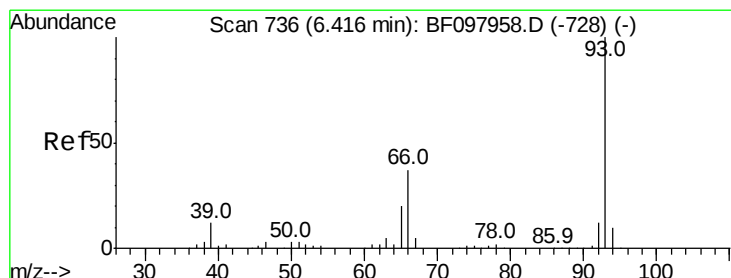
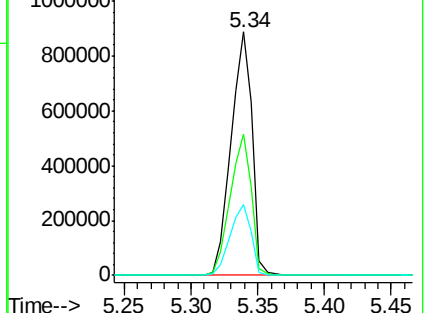
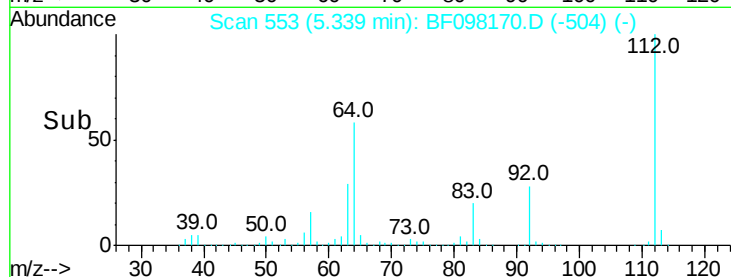
63 29.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.308 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

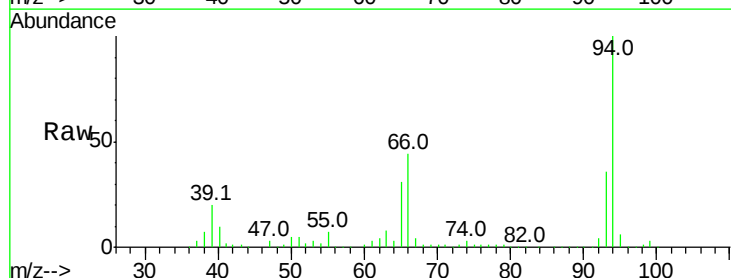
Tgt Ion: 93 Resp: 455631

Ion Ratio Lower Upper

93 100

66 120.5 32.9 49.3#

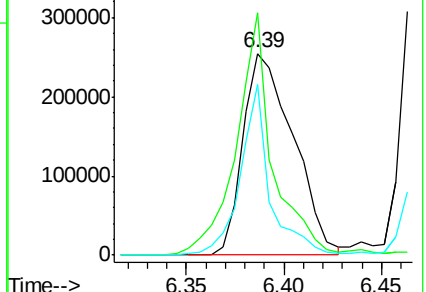
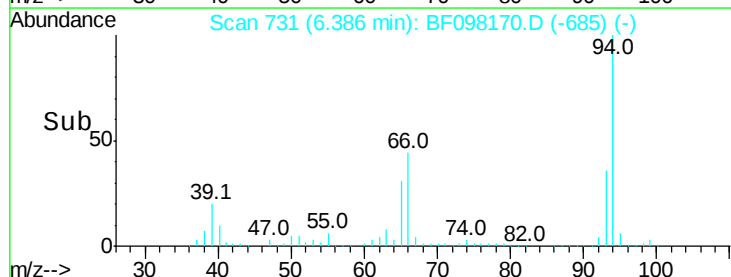
65 84.4 16.0 24.0#

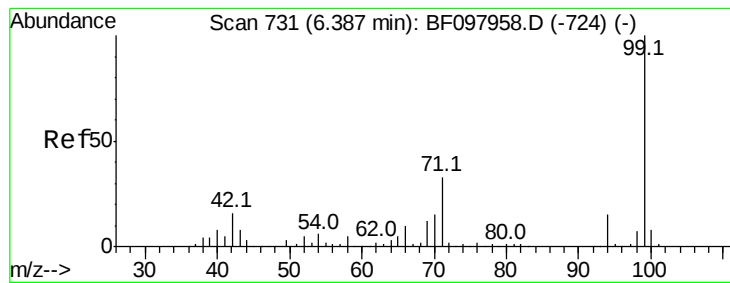


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.142 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

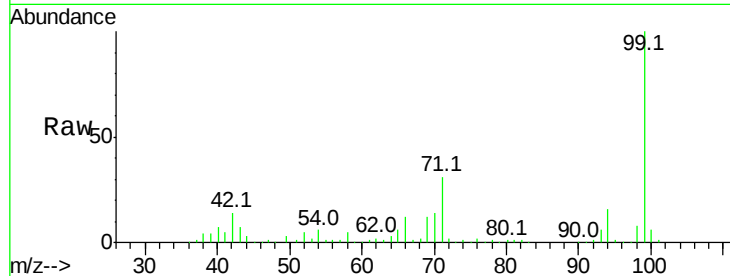
Tot Ion: 99 Resp: 1339204

Ion Ratio Lower Upper

99 100

42 14.2 13.5 20.3

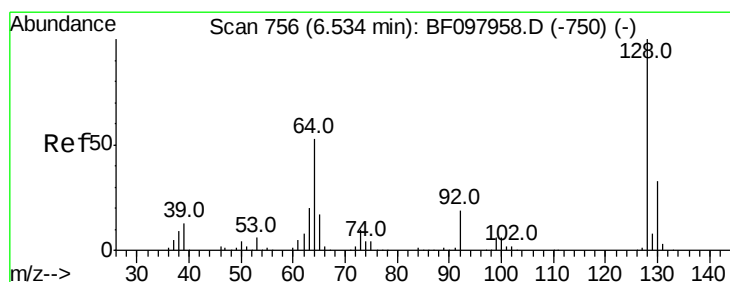
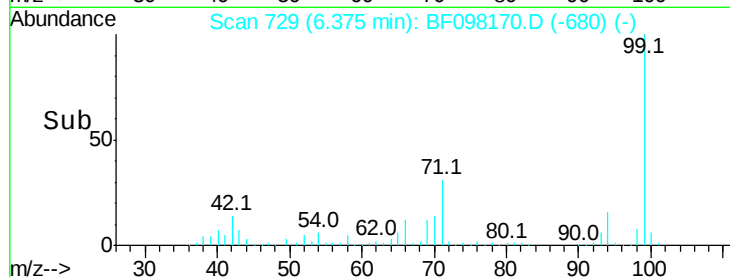
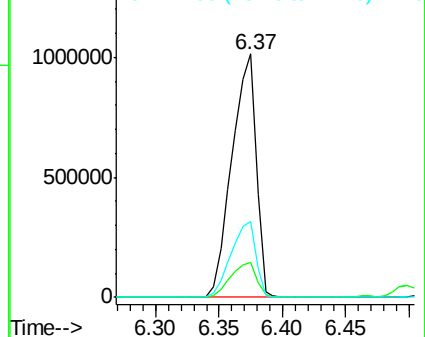
71 31.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.663 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

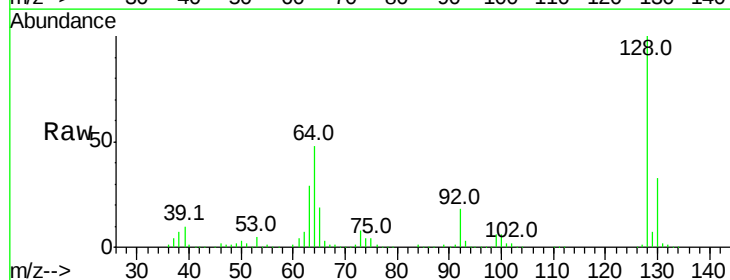
Tgt Ion:128 Resp: 354374

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

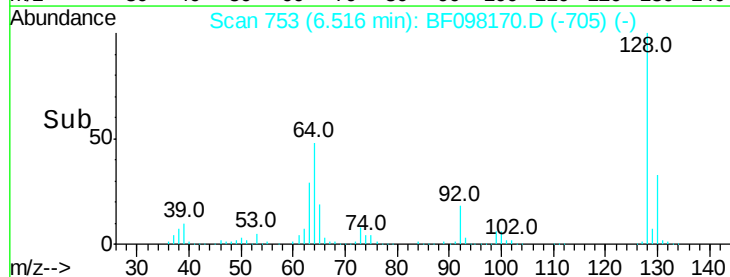
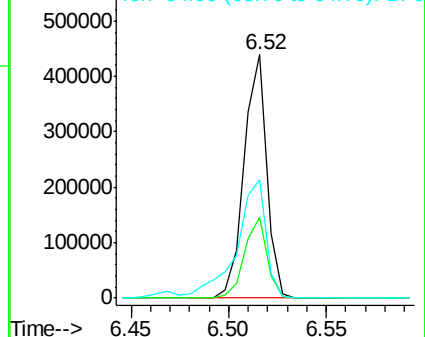
64 48.4 28.4 68.4

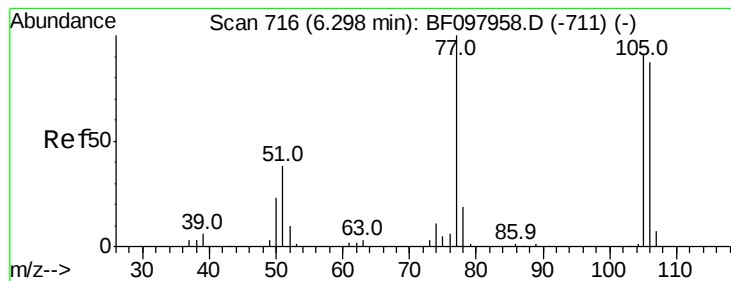


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.871 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampled :

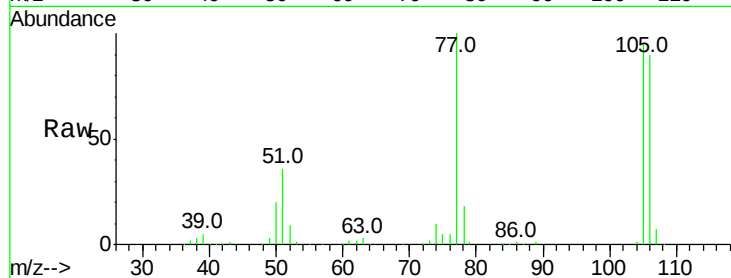
Tot Ion: 77 Resp: 175366

Ion Ratio Lower Upper

77 100

105 95.1 83.8 123.8

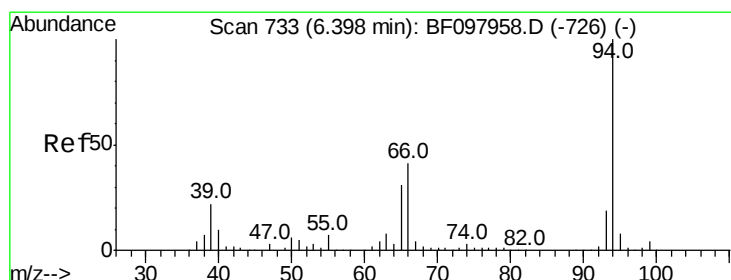
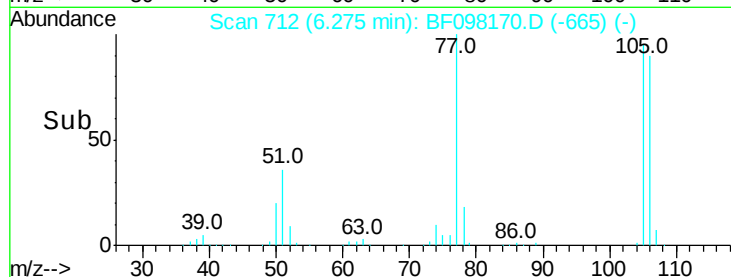
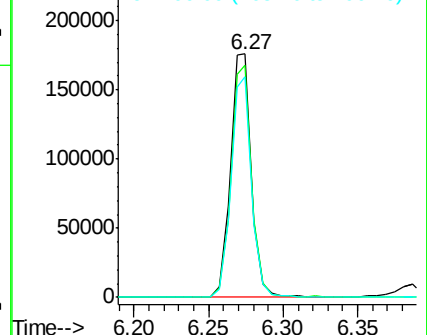
106 90.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.291 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

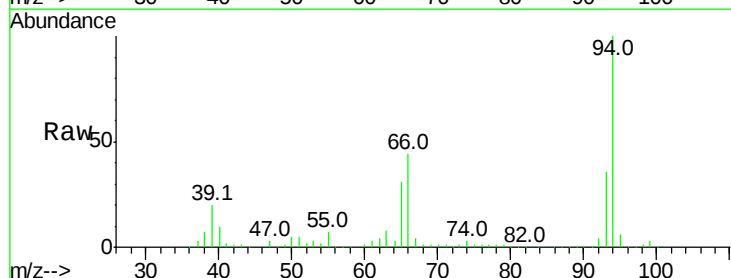
Tgt Ion: 94 Resp: 554344

Ion Ratio Lower Upper

94 100

65 30.5 9.9 49.9

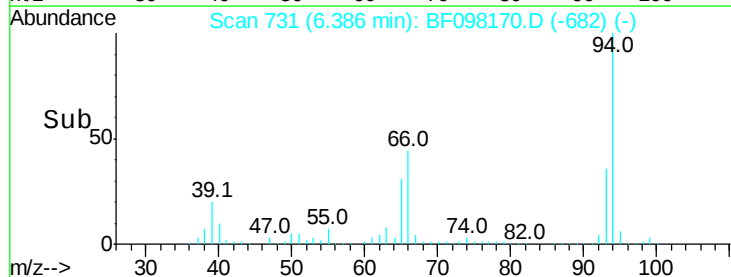
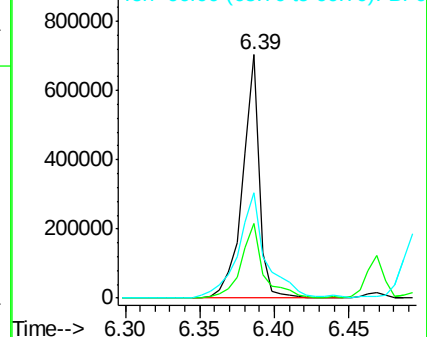
66 43.5 23.1 63.1

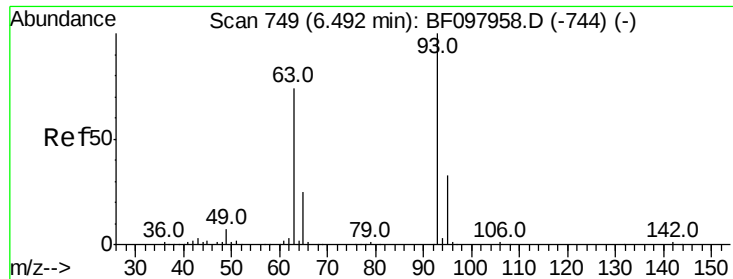


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

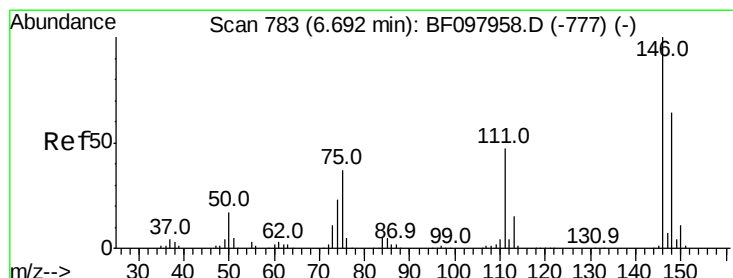
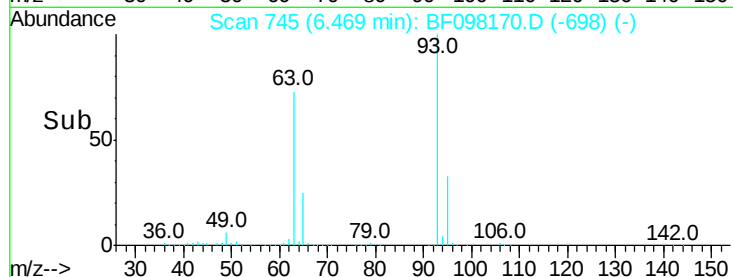
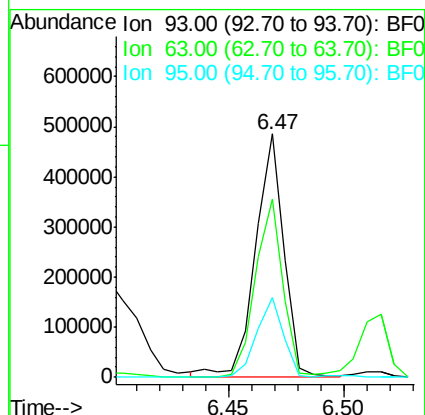
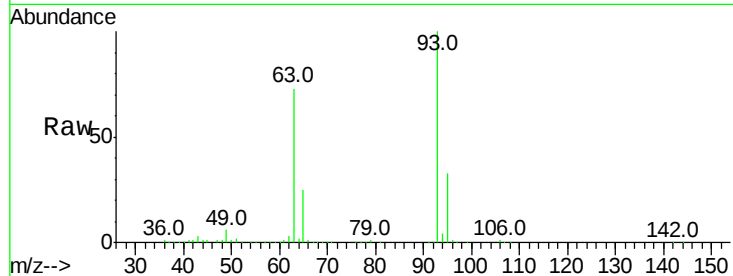




#11
 bis(2-Chloroethyl)ether
 Concen: 44.486 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

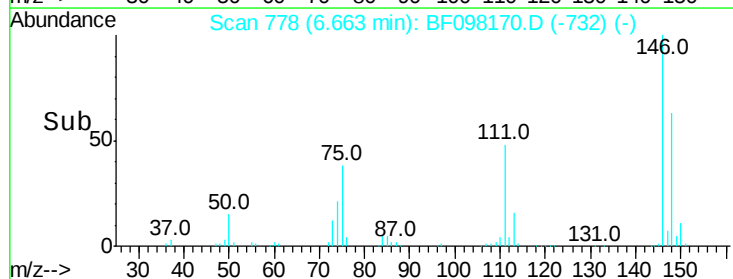
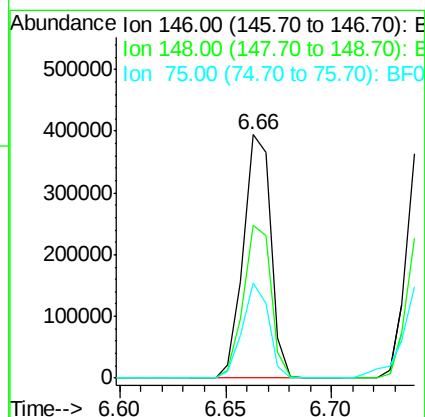
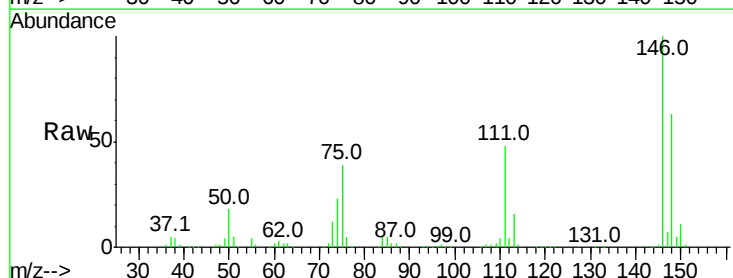
Instrument :
 BNA_F
 ClientSampleId :

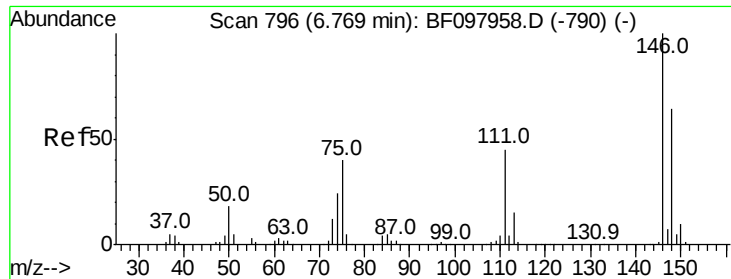
Tot Ion: 93 Resp: 420237
 Ion Ratio Lower Upper
 93 100
 63 73.1 59.2 99.2
 95 32.8 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 39.782 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Tgt Ion: 146 Resp: 355439
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.6
 75 38.9 23.1 34.7#

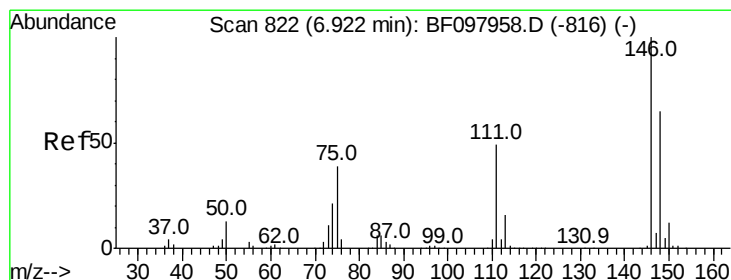
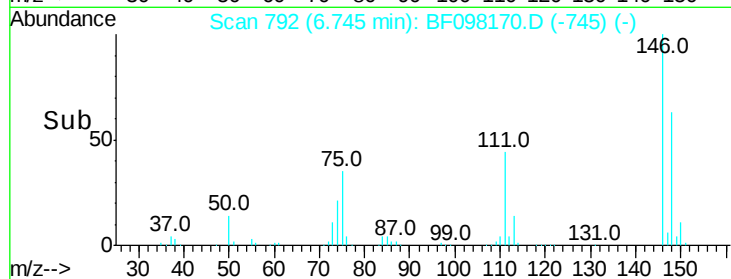
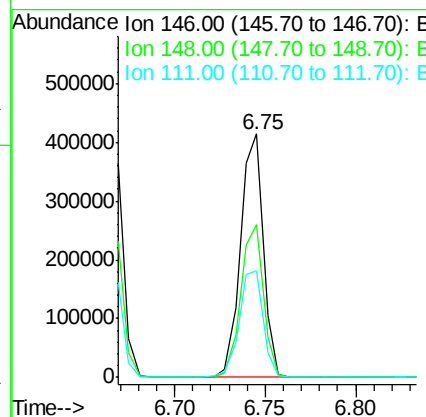
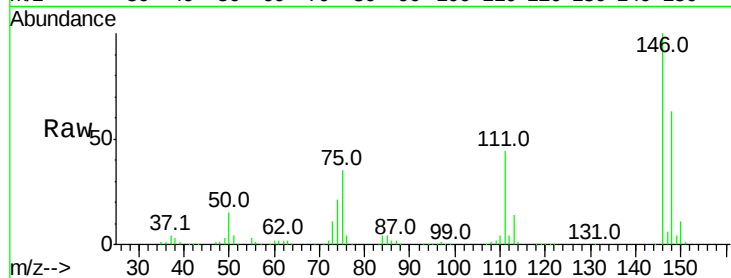




#13
 1,4-Dichlorobenzene
 Concen: 39.811 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

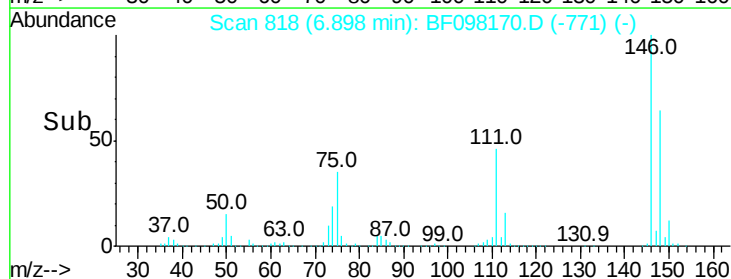
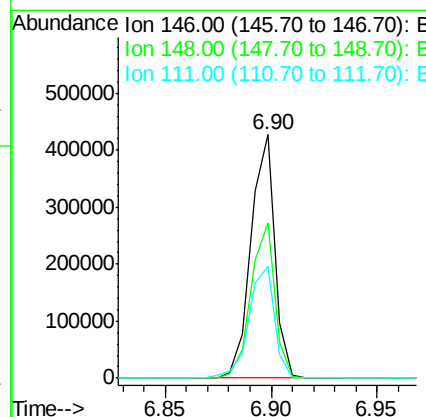
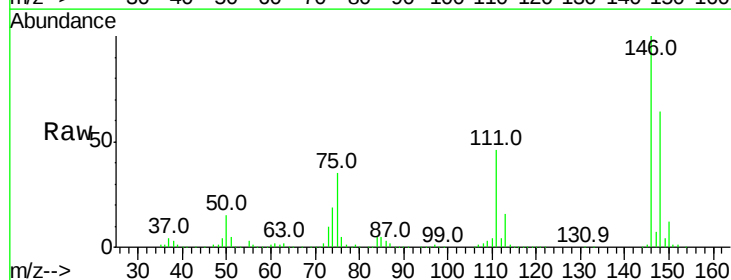
Instrument :
 BNA_F
 ClientSampleId :

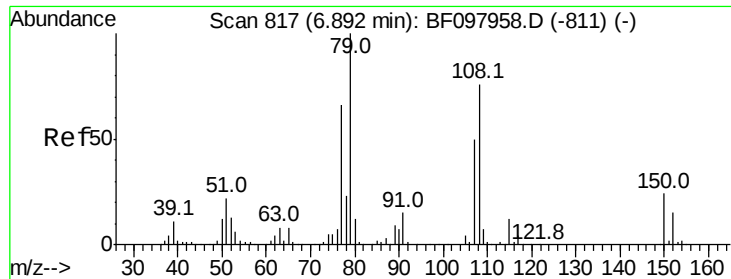
Tot Ion:146 Resp: 361760
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.2
 111 43.8 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 39.801 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Tgt Ion:146 Resp: 333486
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.4 75.6
 111 46.1 38.2 57.4

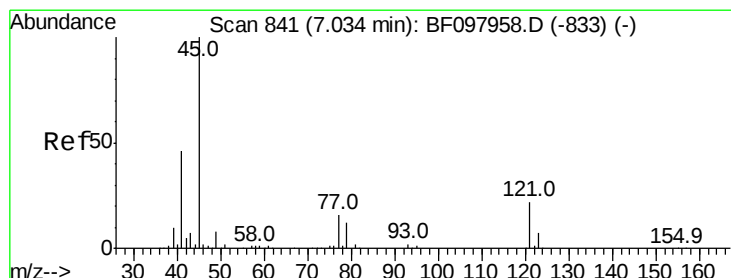
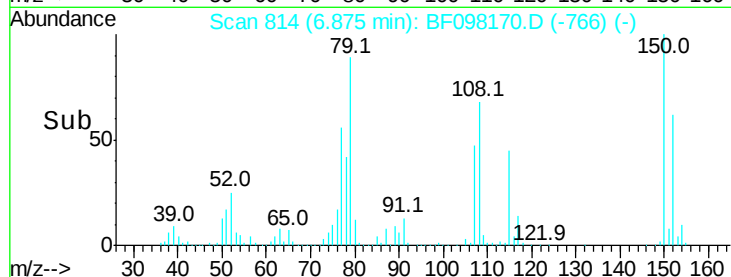
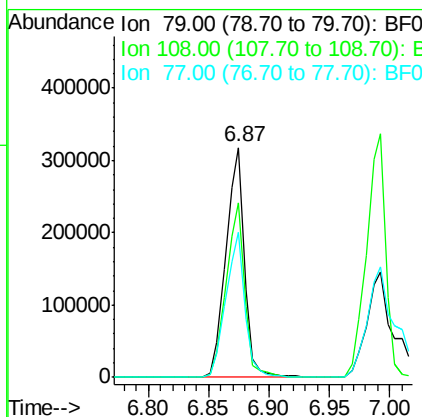
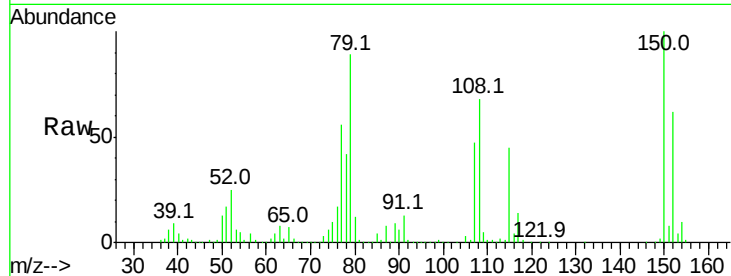




#15
Benzyl Alcohol
Concen: 42.301 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

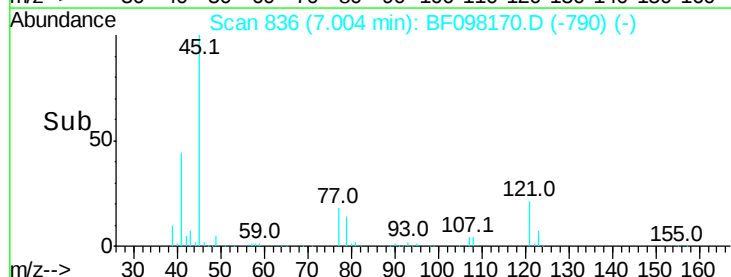
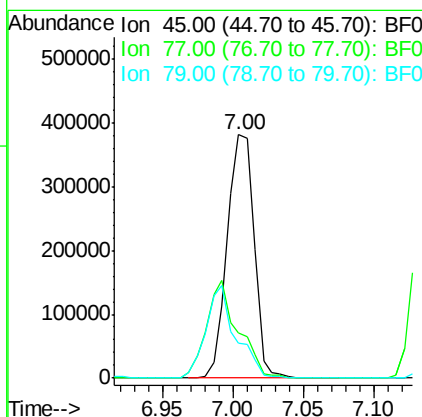
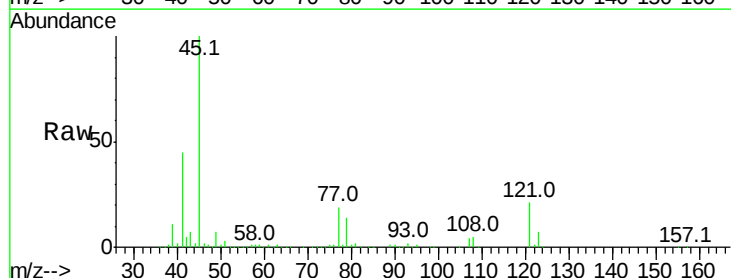
Instrument :
BNA_F
ClientSampled :

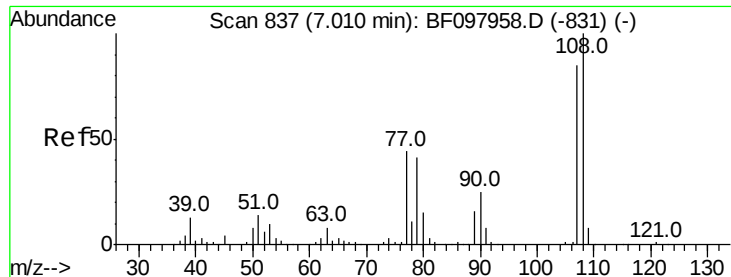
Tot Ion: 79 Resp: 338919
Ion Ratio Lower Upper
79 100
108 75.9 63.4 95.0
77 62.9 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.838 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.03 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Tgt Ion: 45 Resp: 506339
Ion Ratio Lower Upper
45 100
77 18.7 0.0 33.2
79 14.2 0.0 30.0





#17

2-Methylphenol

Concen: 43.657 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 319562

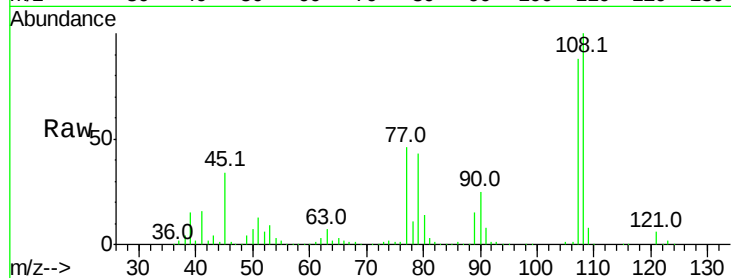
Ion Ratio Lower Upper

107 100

108 114.2 93.4 140.0

77 52.1 35.8 53.6

79 49.4 34.8 52.2

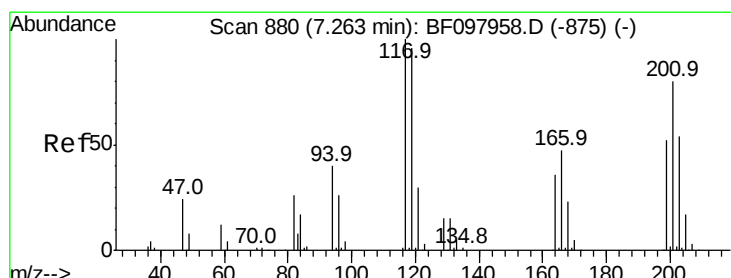
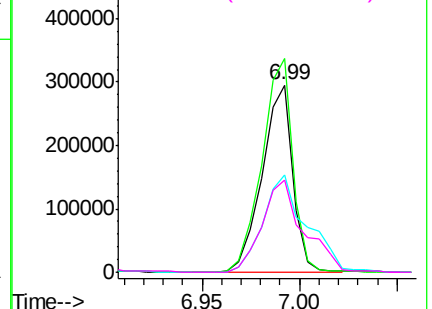
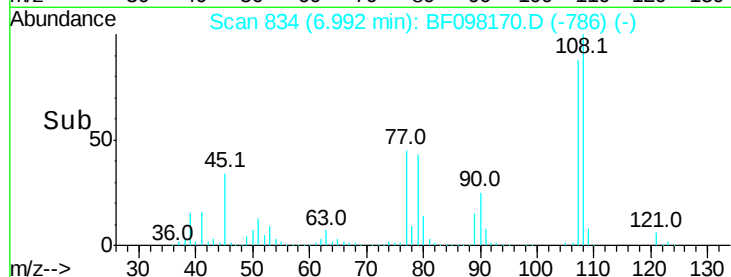


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.085 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

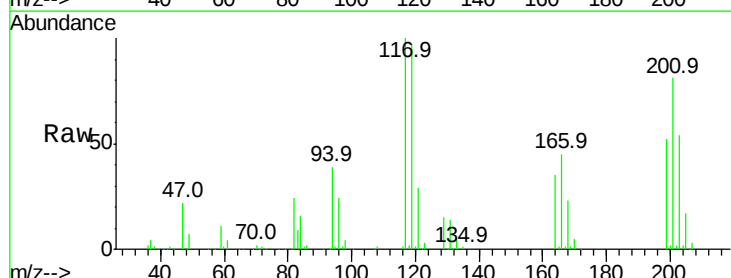
Tgt Ion:117 Resp: 135685

Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

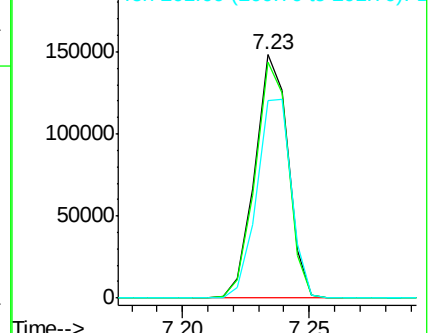
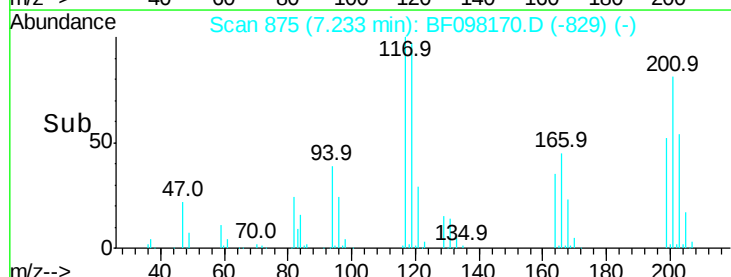
201 81.0 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.766 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 283988

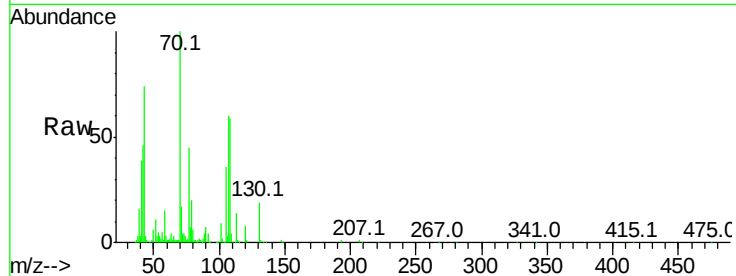
Ion Ratio Lower Upper

70 100

42 46.4 47.2 70.8#

101 9.0 7.2 10.8

130 18.7 15.9 23.9

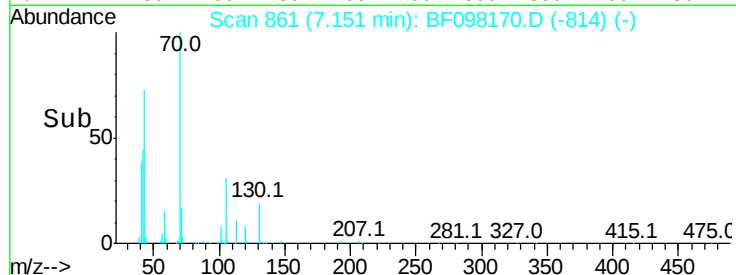
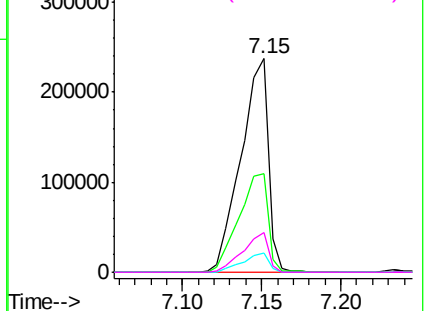


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 43.009 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Tgt Ion:107 Resp: 384518

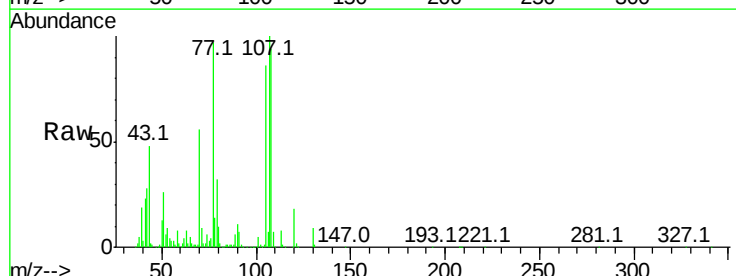
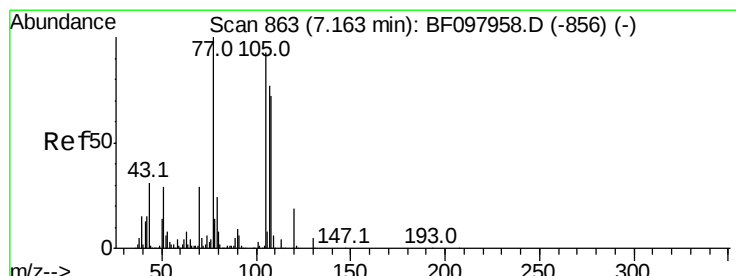
Ion Ratio Lower Upper

107 100

108 94.4 71.0 111.0

77 96.7 90.5 130.5

79 31.6 8.4 48.4

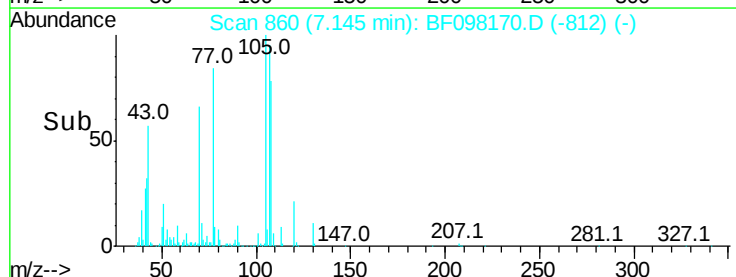
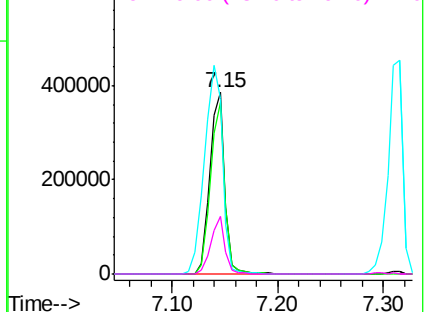


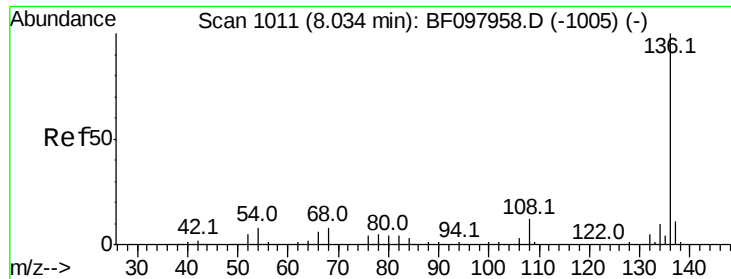
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

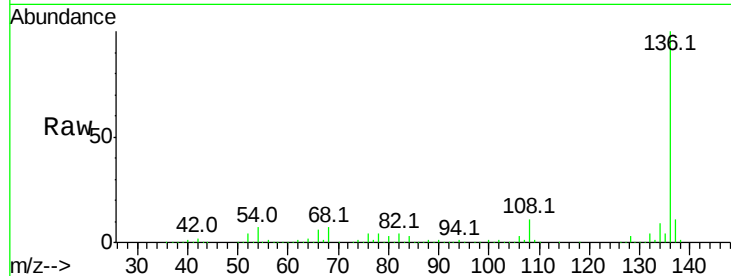




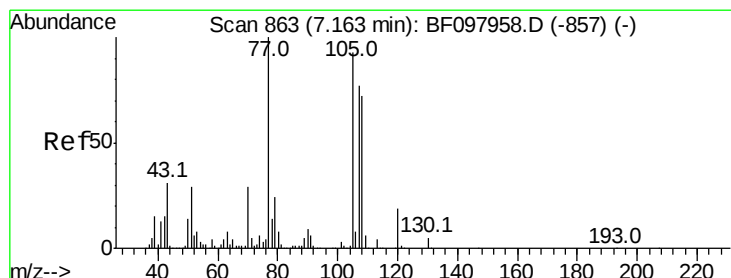
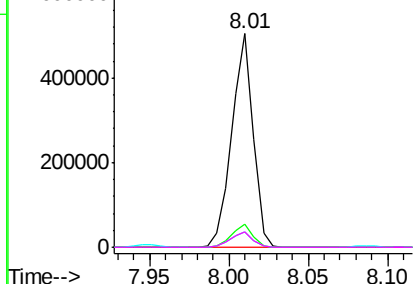
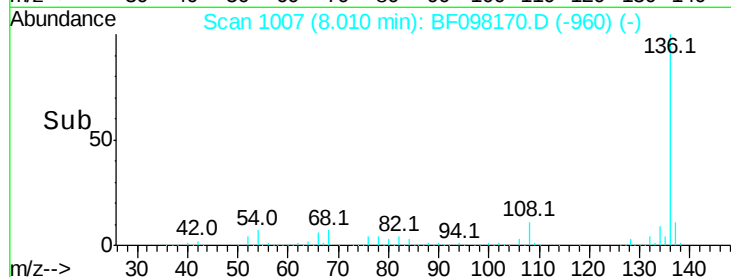
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	471227
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	7.3	4.9 7.3
68	7.2	4.1 6.1#

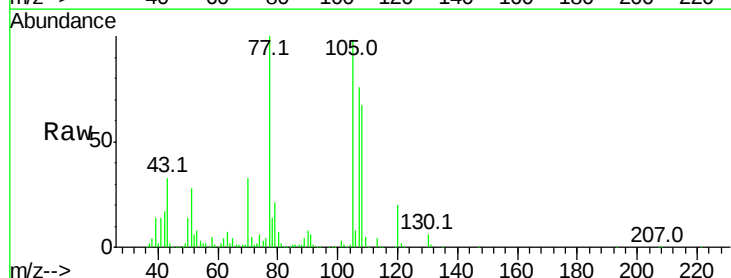


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

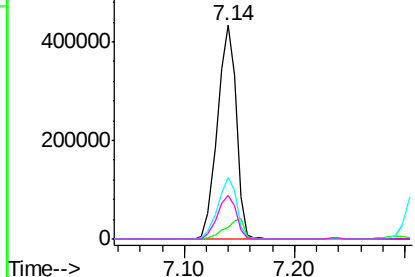
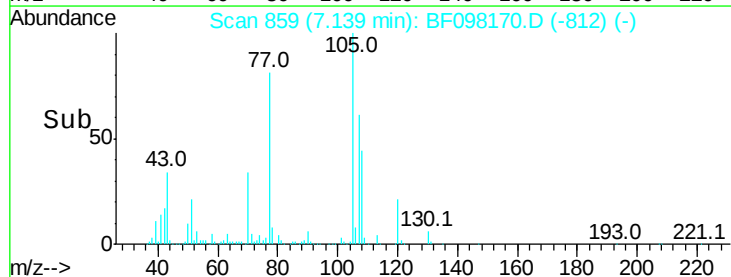


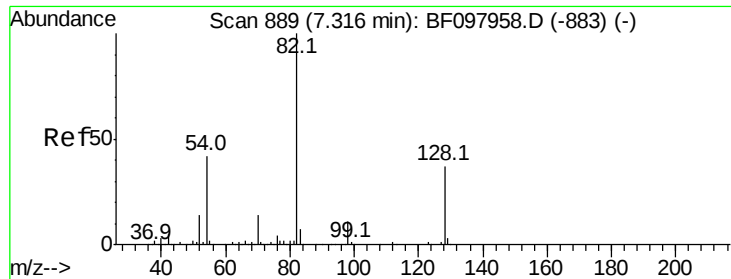
#22
Acetophenone
Concen: 41.175 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Tgt Ion:105	Resp:	512572
Ion Ratio	Lower	Upper
105	100	
71	5.5	2.8 4.2#
51	28.7	30.7 46.1#
120	20.5	17.4 26.0



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

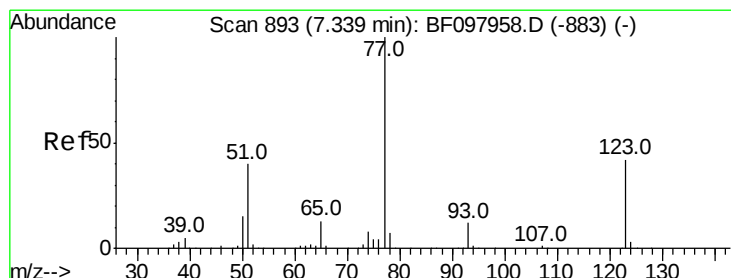
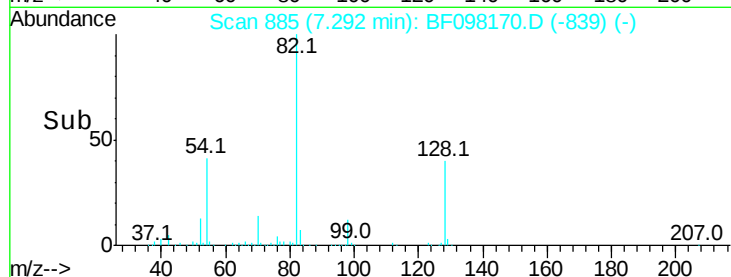
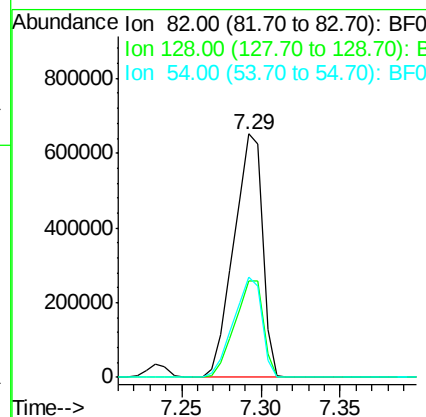
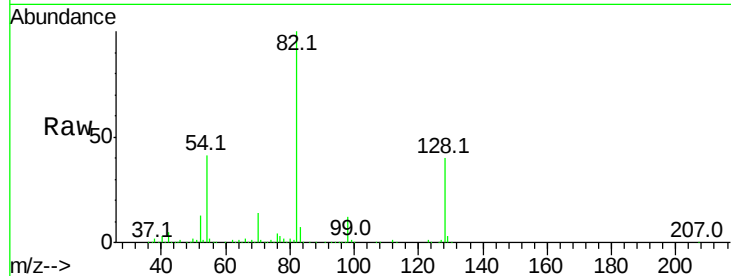




#23
 Nitrobenzene-d5
 Concen: 94.275 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

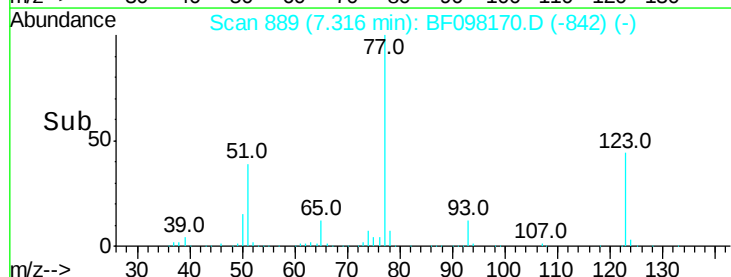
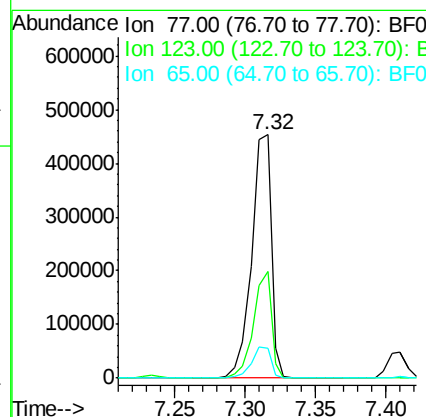
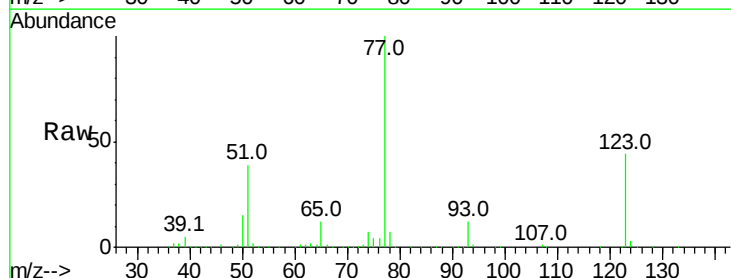
Instrument :
 BNA_F
 ClientSampled :

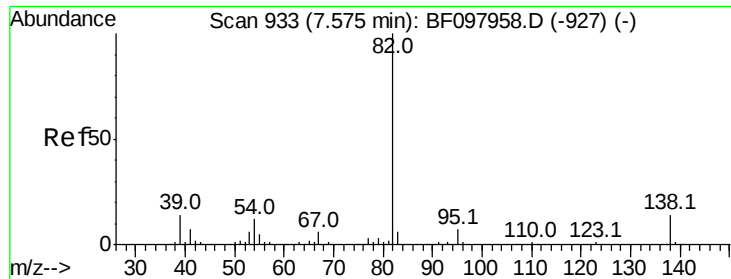
Tot Ion: 82 Resp: 817765
 Ion Ratio Lower Upper
 82 100
 128 39.8 34.0 51.0
 54 41.0 42.2 63.2#



#24
 Nitrobenzene
 Concen: 46.140 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Tgt Ion: 77 Resp: 445636
 Ion Ratio Lower Upper
 77 100
 123 43.6 35.8 53.8
 65 12.4 10.6 15.8

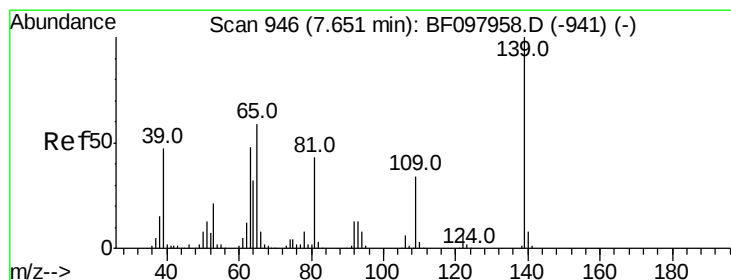
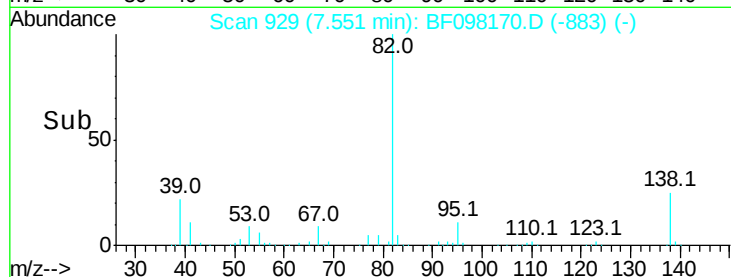
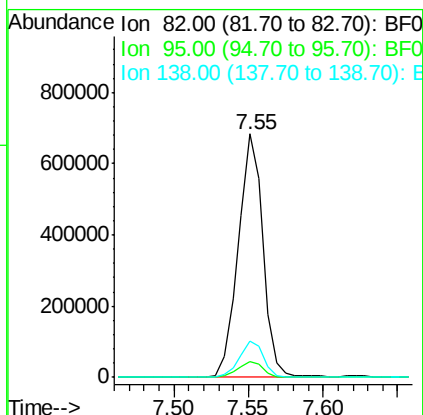
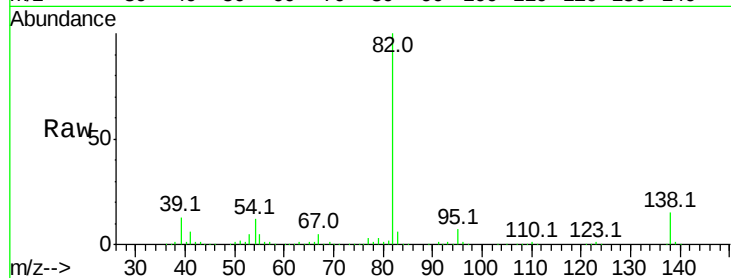




#25
Isophorone
Concen: 43.665 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.03 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

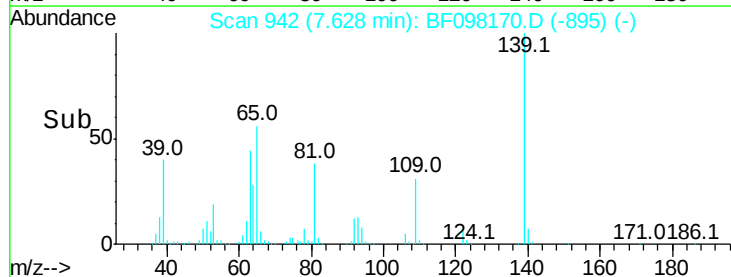
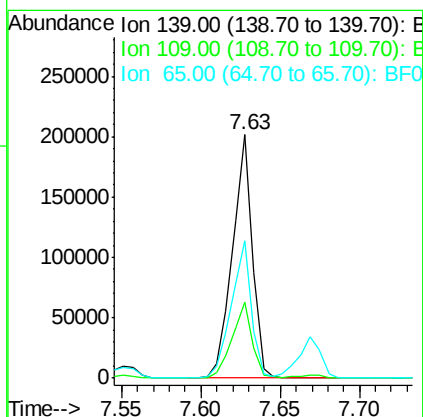
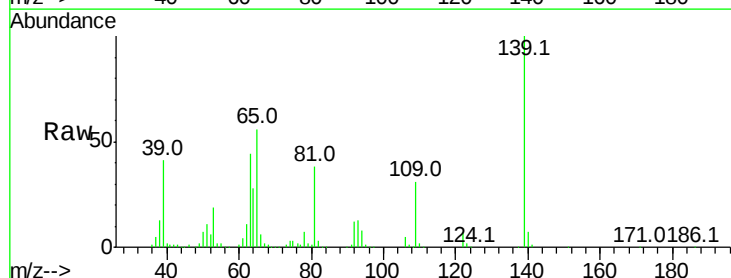
Instrument :
BNA_F
ClientSampleId :

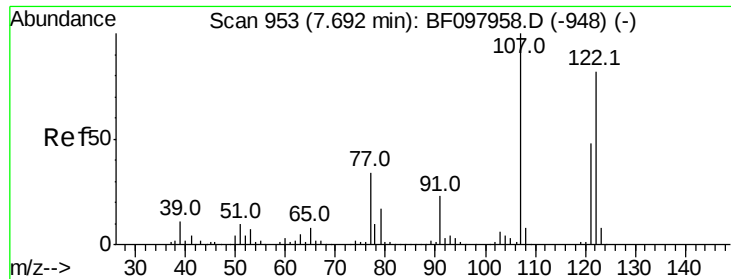
Tot Ion: 82 Resp: 787585
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 14.6 13.1 19.7



#26
2-Nitrophenol
Concen: 50.168 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Tgt Ion:139 Resp: 176478
Ion Ratio Lower Upper
139 100
109 31.2 21.0 31.6
65 56.2 33.0 49.6#

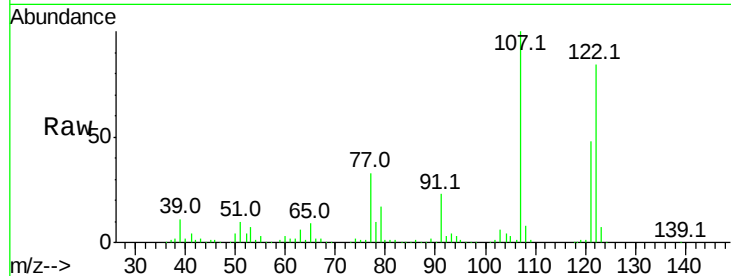




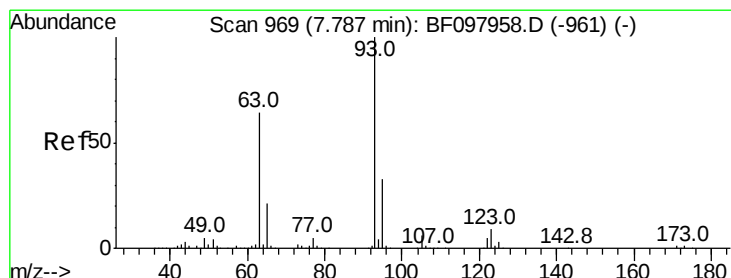
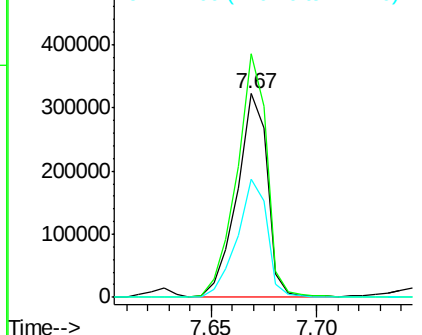
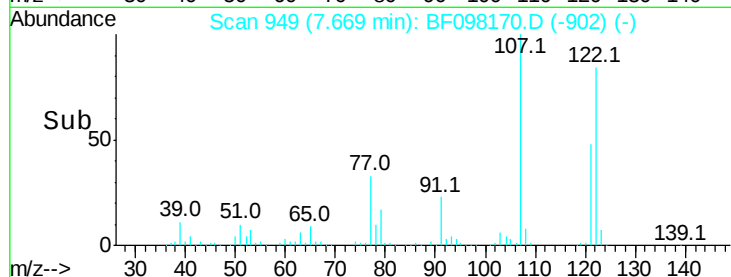
#27
 2,4-Dimethylphenol
 Concen: 42.848 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 322323
 Ion Ratio Lower Upper
 122 100
 107 119.6 89.2 133.8
 121 58.0 45.2 67.8

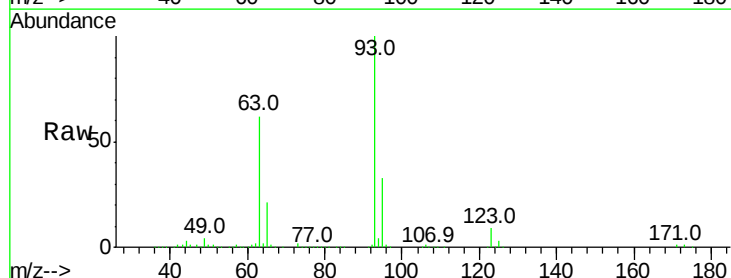


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

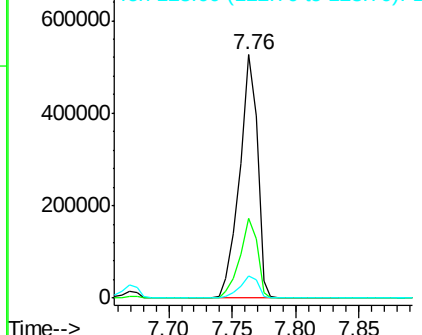
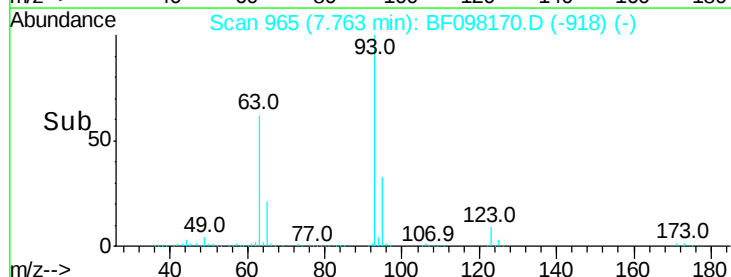


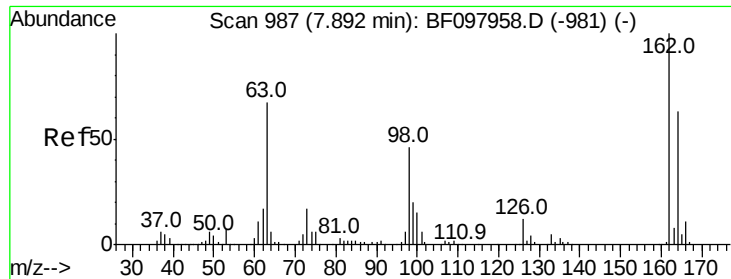
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.993 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Tgt Ion: 93 Resp: 509820
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 9.3 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

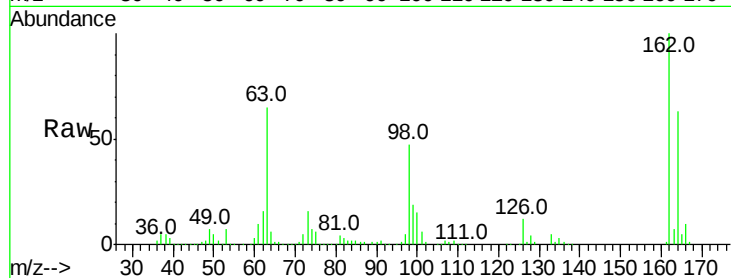




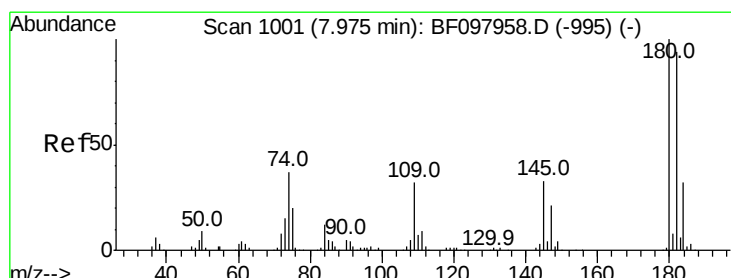
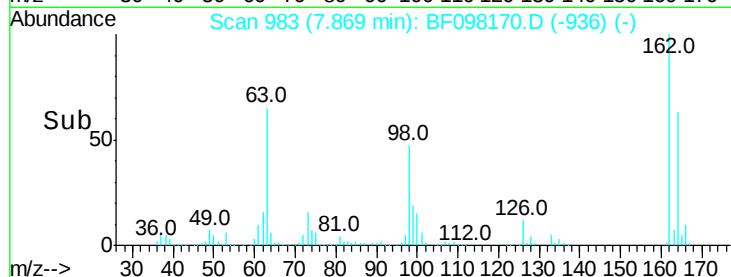
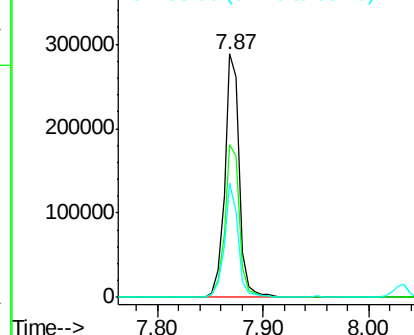
#29
 2,4-Dichlorophenol
 Concen: 45.012 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	46.9	14.8	54.8

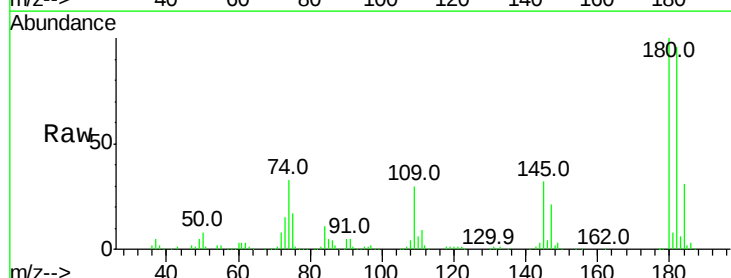


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

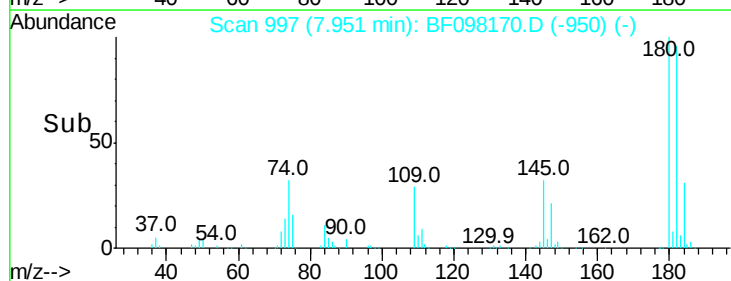
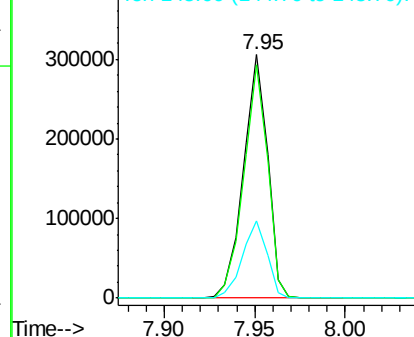


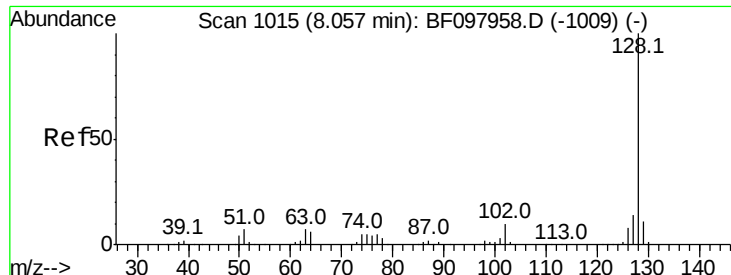
#30
 1,2,4-Trichlorobenzene
 Concen: 40.891 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	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

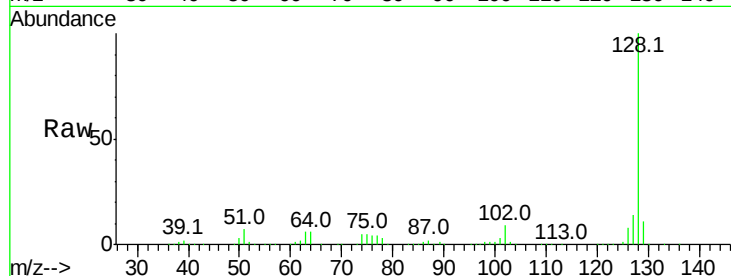




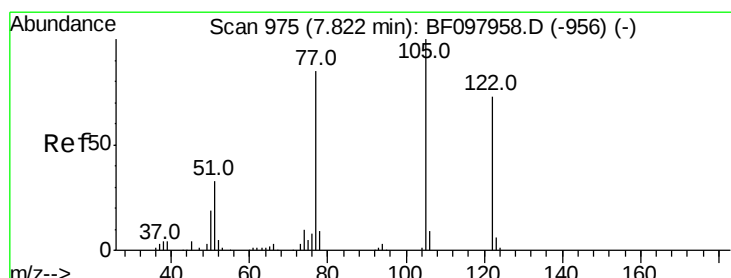
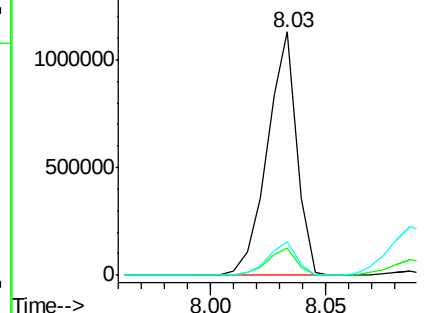
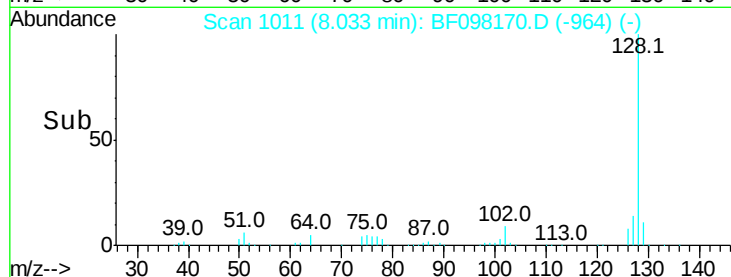
#31
Naphthalene
Concen: 40.813 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 998436
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.8 16.2

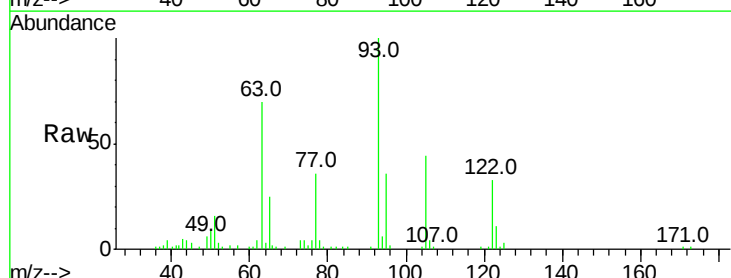


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

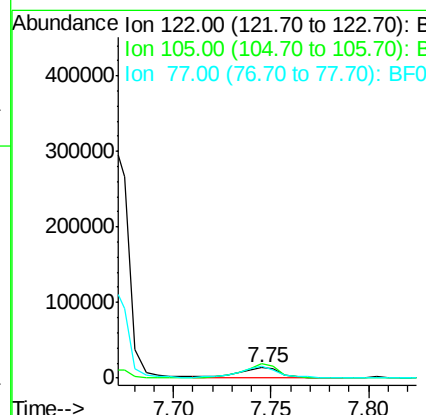
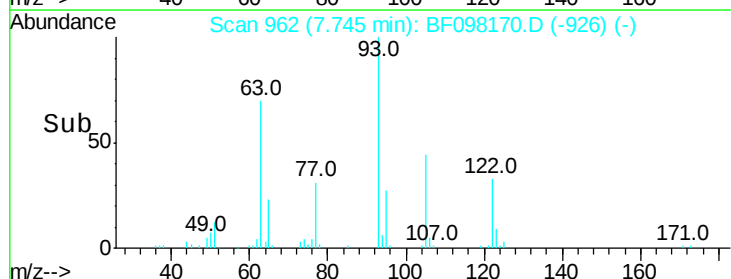


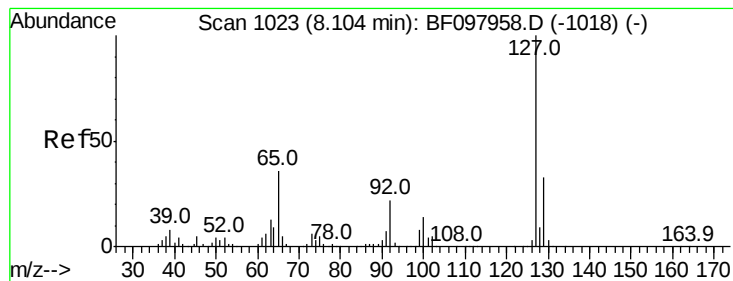
#32
Benzoic acid
Concen: 9.235 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.09 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Tgt Ion:122 Resp: 17900
Ion Ratio Lower Upper
122 100
105 132.8 103.3 143.3
77 109.4 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 29.815 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 307615

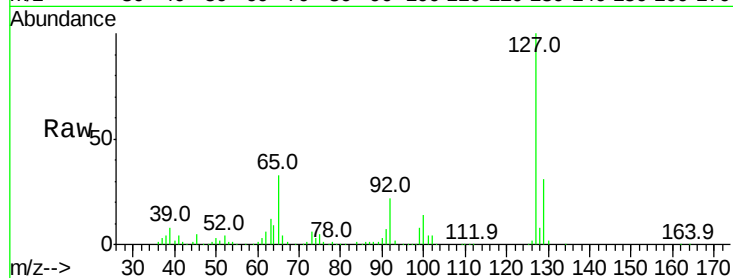
Ion Ratio Lower Upper

127 100

129 31.4 26.2 39.2

65 33.3 27.8 41.8

92 21.5 16.8 25.2

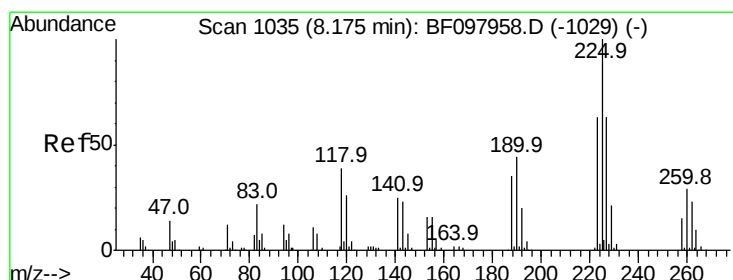
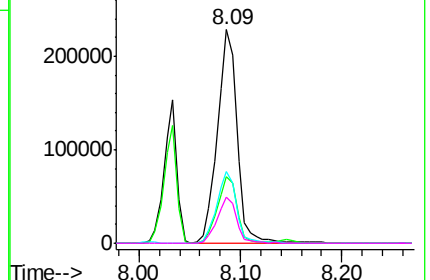
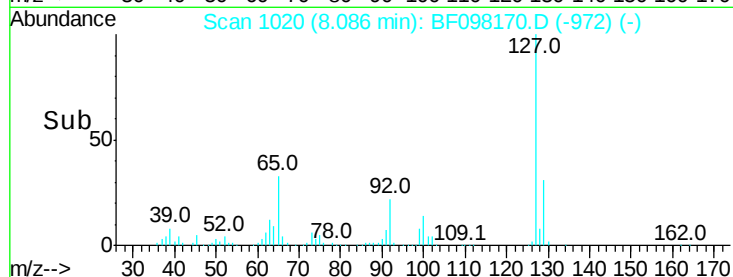


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.662 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

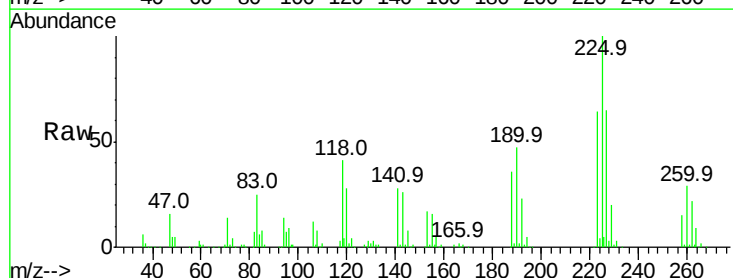
Tgt Ion:225 Resp: 160301

Ion Ratio Lower Upper

225 100

223 64.0 48.8 73.2

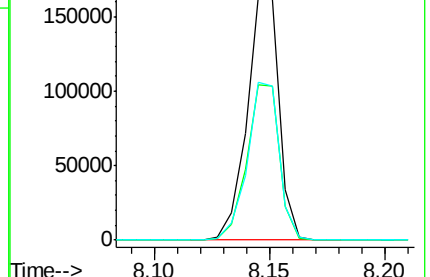
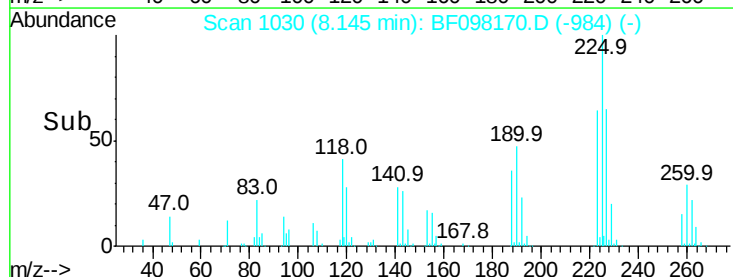
227 64.8 51.1 76.7

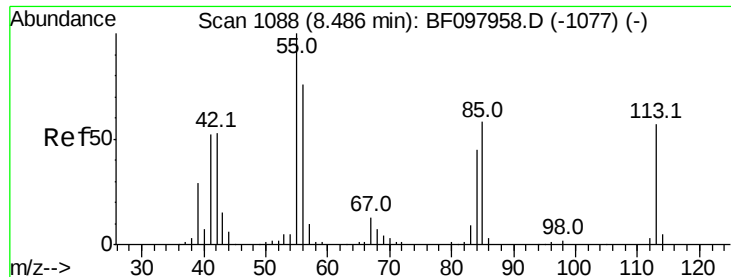


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

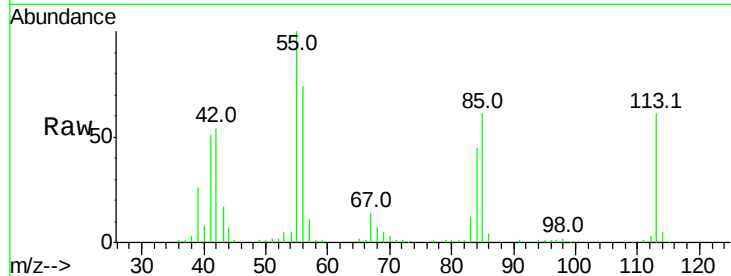




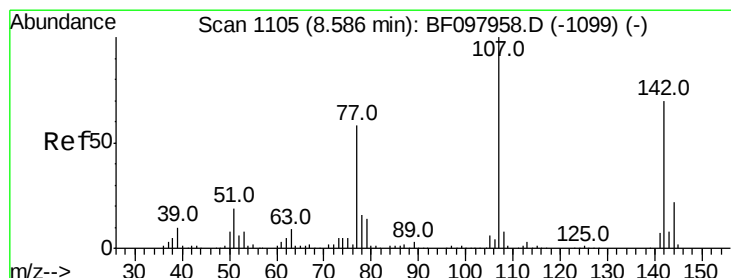
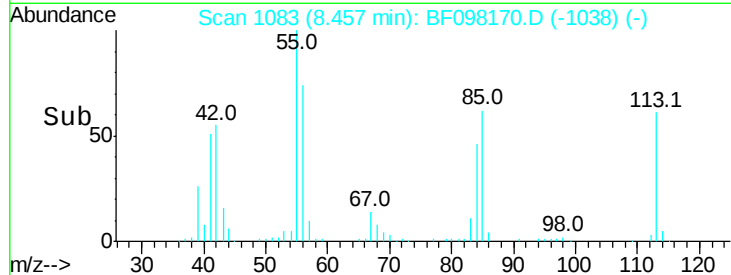
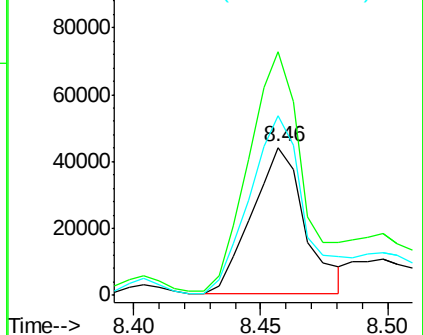
#35
 Caprolactam
 Concen: 30.382 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.04 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 64495
 Ion Ratio Lower Upper
 113 100
 55 164.3 150.2 190.2
 56 120.8 107.8 147.8

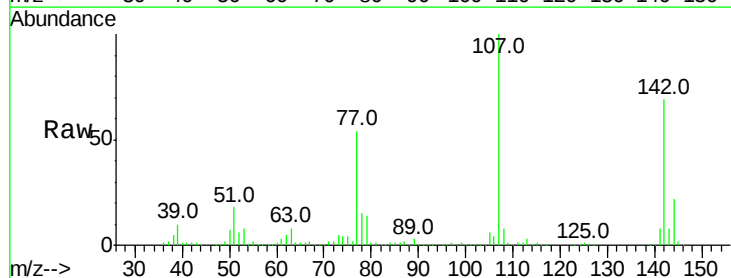


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

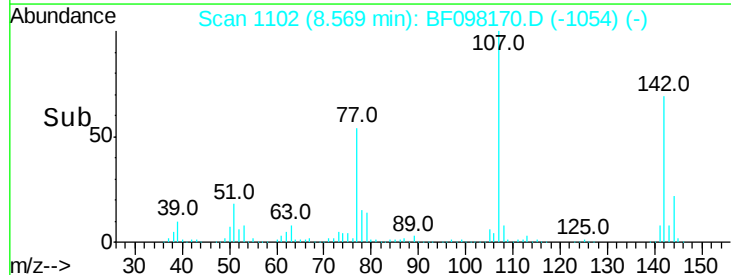
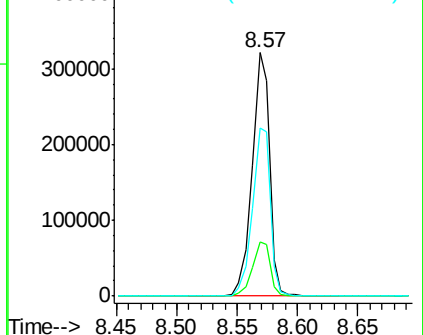


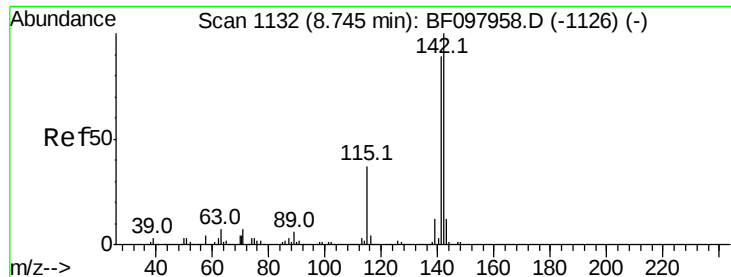
#36
 4-Chloro-3-methylphenol
 Concen: 40.661 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Tgt Ion:107 Resp: 326214
 Ion Ratio Lower Upper
 107 100
 144 22.1 24.2 36.4#
 142 68.9 73.4 110.0#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.372 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.02 min

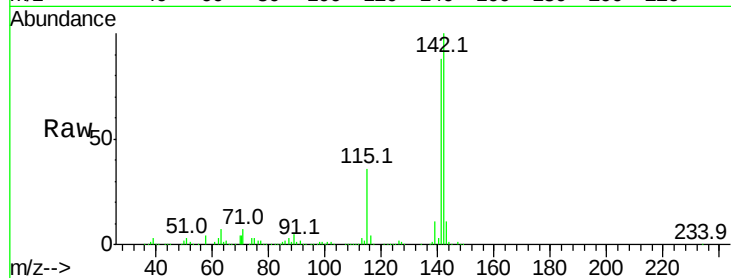
Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 635524

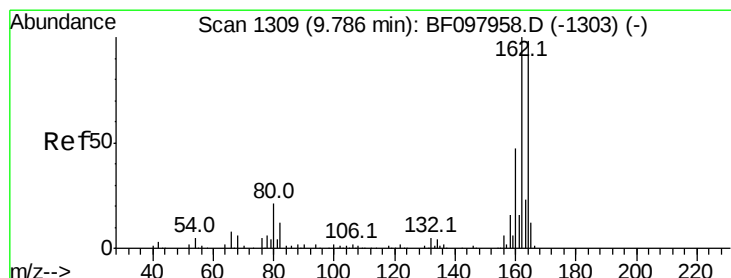
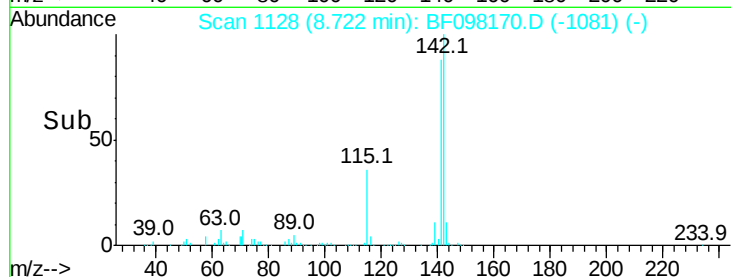
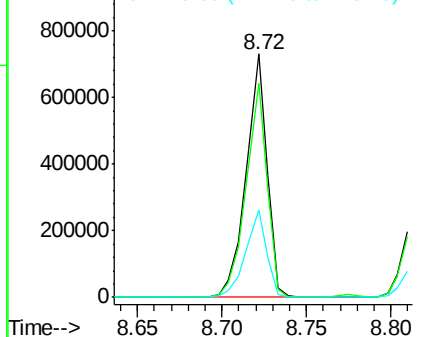
Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9
115	35.9	27.1	40.7



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: 9.76 min Scan# 1305

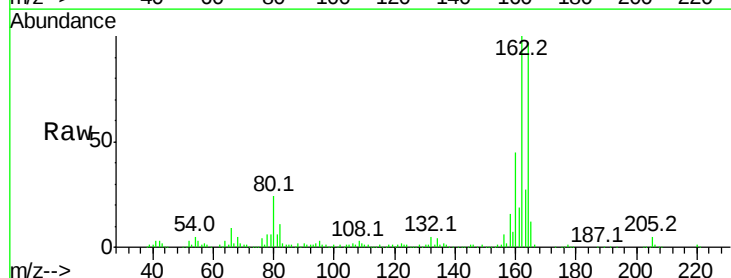
Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Tgt Ion:164 Resp: 195322

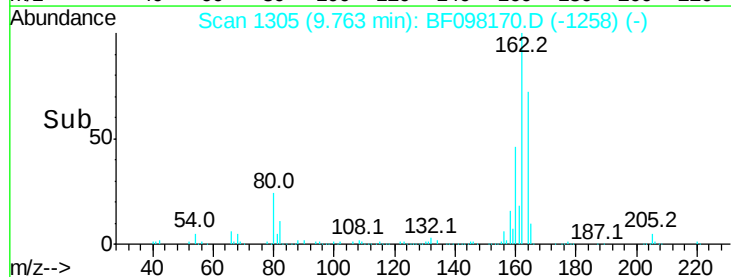
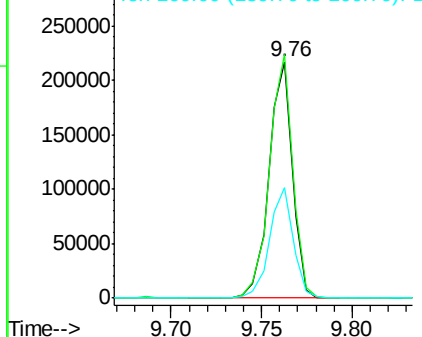
Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	46.6	36.2	54.2

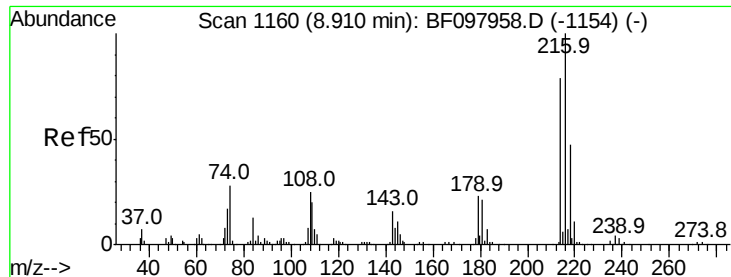


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

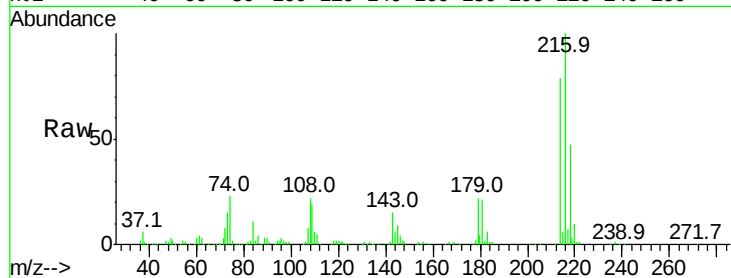




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.081 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	258243
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	21.3	17.9	26.9
108	23.7	16.5	24.7

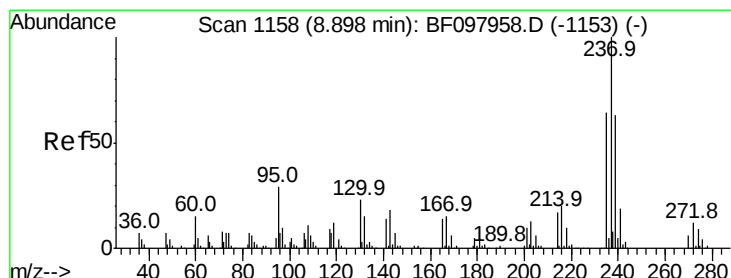
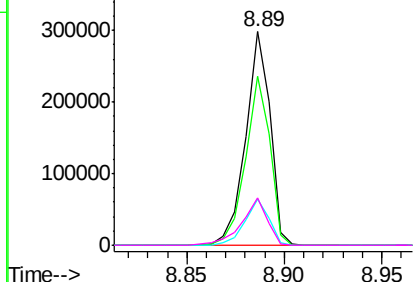
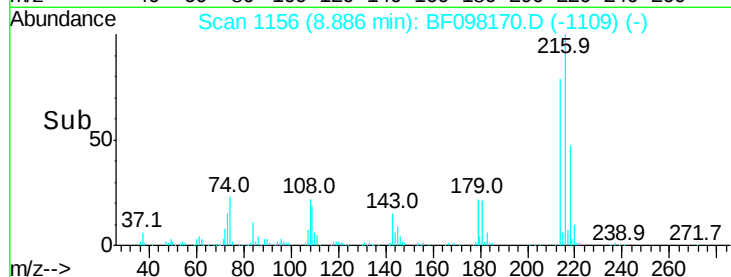


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

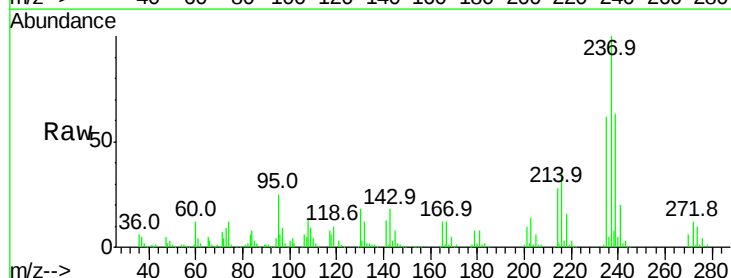
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 44.115 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

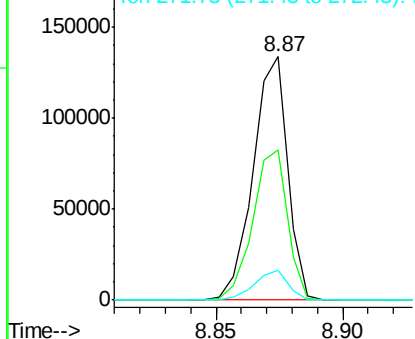
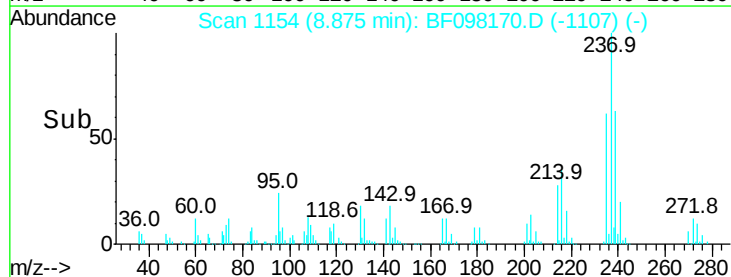
Tgt Ion:	237	Resp:	127041
Ion	Ratio	Lower	Upper
237	100		
235	61.7	42.6	82.6
272	12.1	0.0	31.9

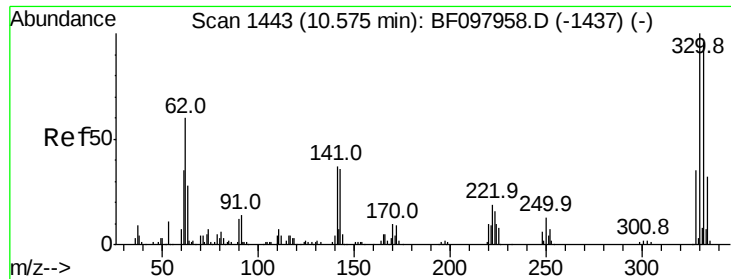


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

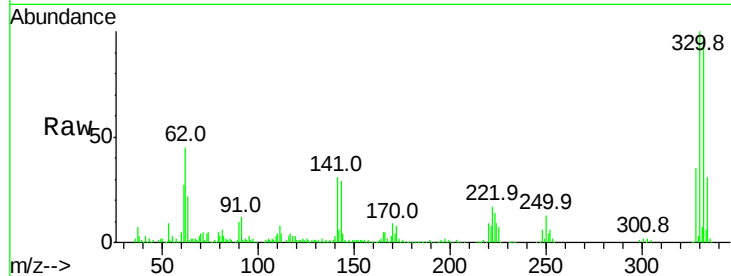




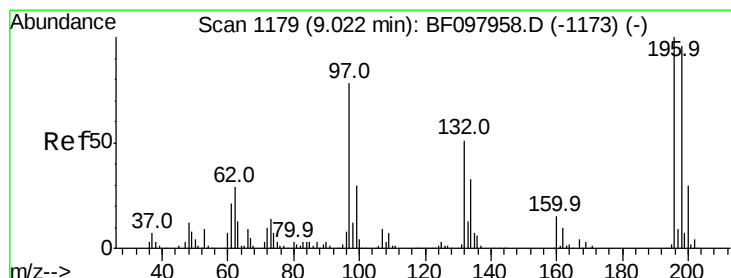
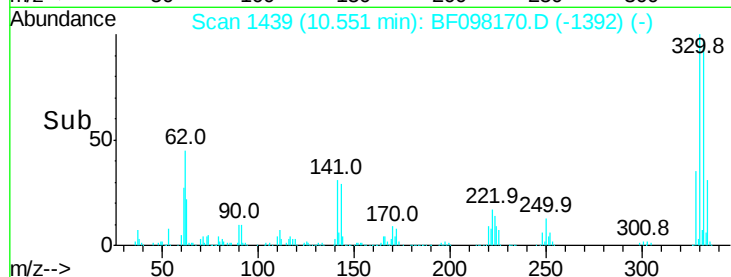
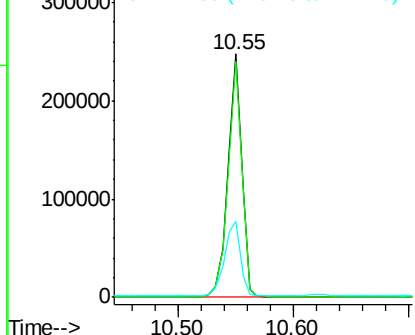
#41
 2,4,6-Tribromophenol
 Concen: 122.173 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	35.2	31.4	47.2

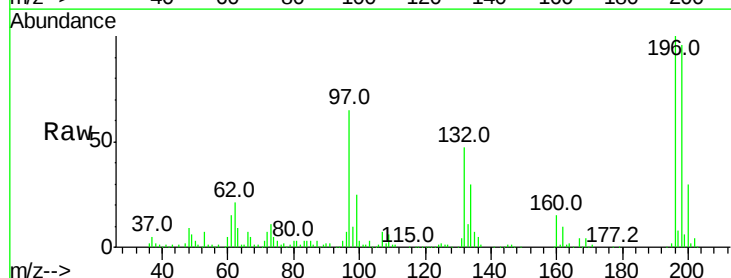


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

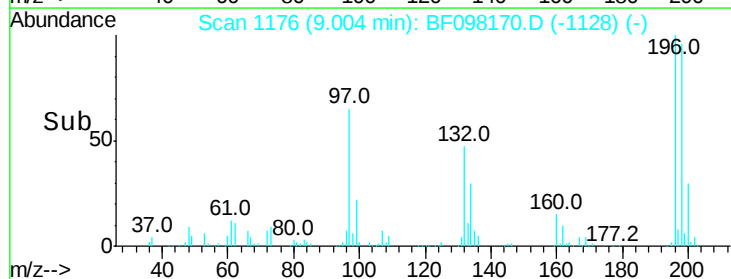
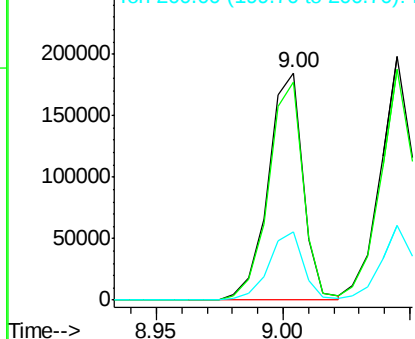


#42
 2,4,6-Trichlorophenol
 Concen: 43.739 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.2	111.4
200	30.2	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

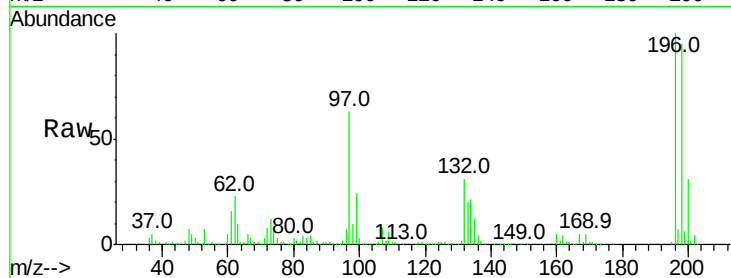




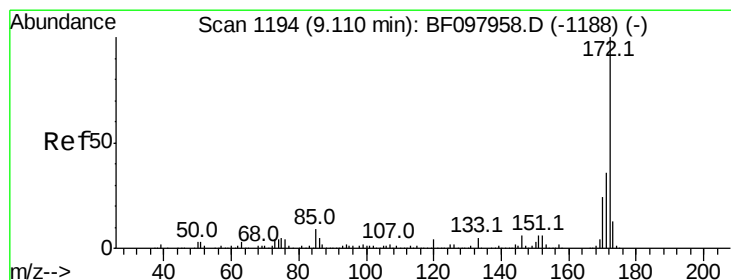
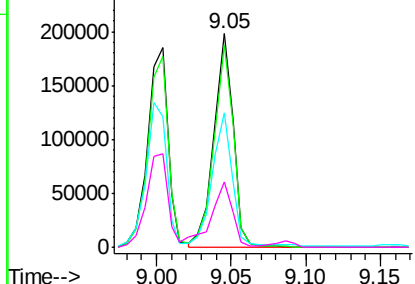
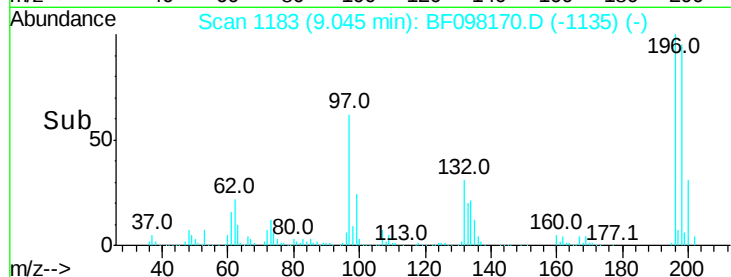
#43
 2,4,5-Trichlorophenol
 Concen: 44.909 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 179302
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 97 62.7 47.7 71.5
 132 30.6 28.0 42.0

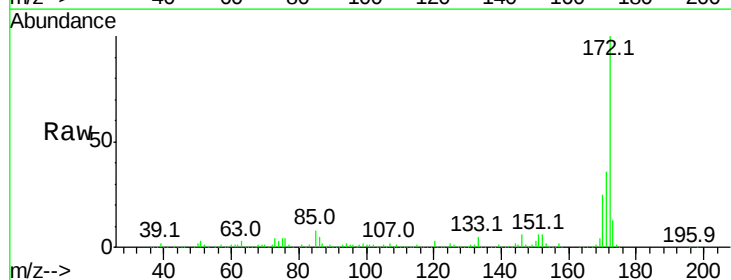


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

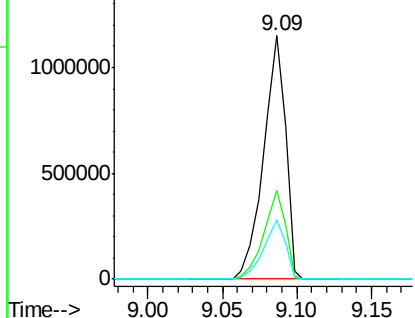
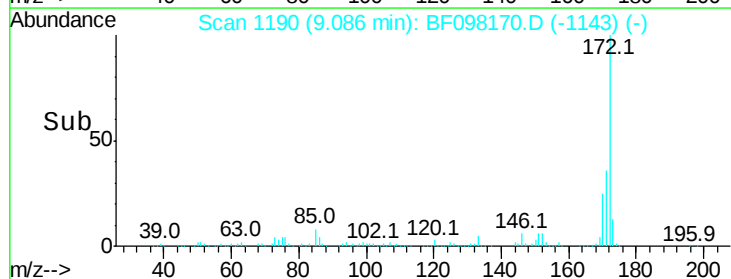


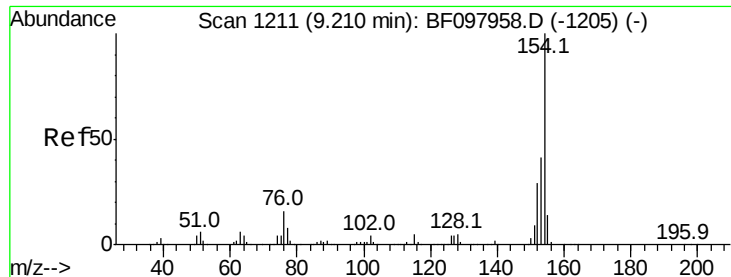
#44
 2-Fluorobiphenyl
 Concen: 86.978 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Tgt Ion:172 Resp: 1156316
 Ion Ratio Lower Upper
 172 100
 171 36.4 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

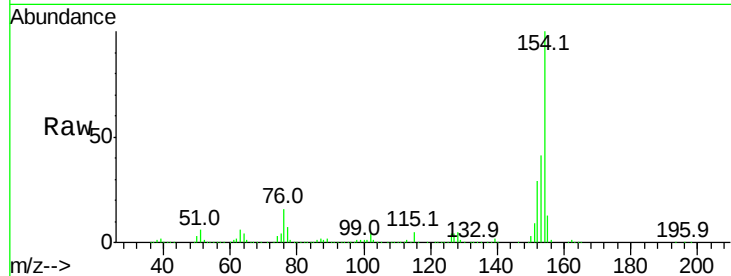




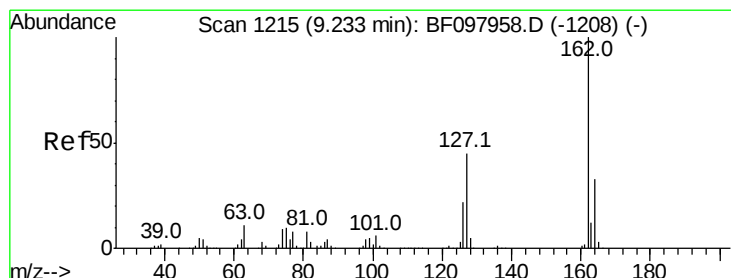
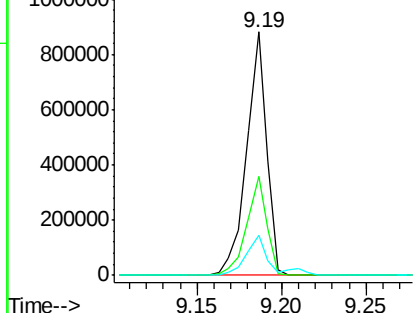
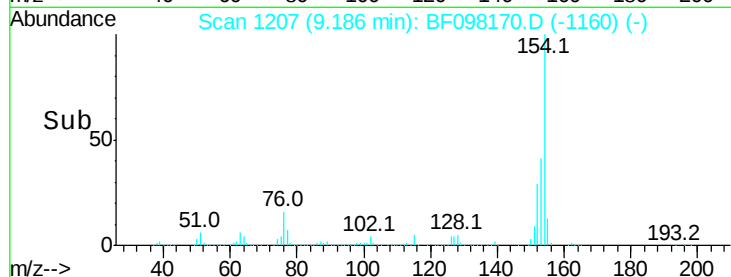
#45
 1,1'-Biphenyl
 Concen: 41.166 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	16.2	0.0	29.9

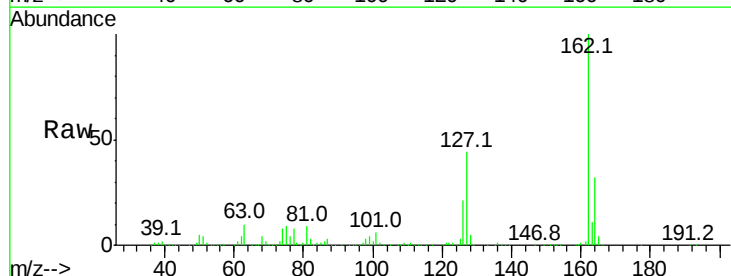


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

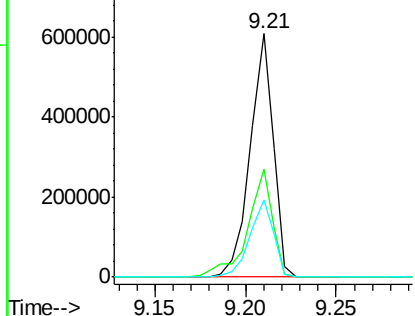
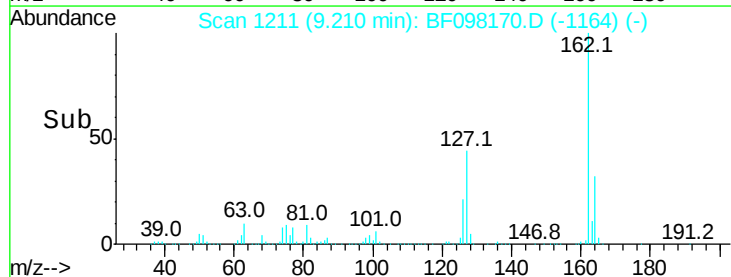


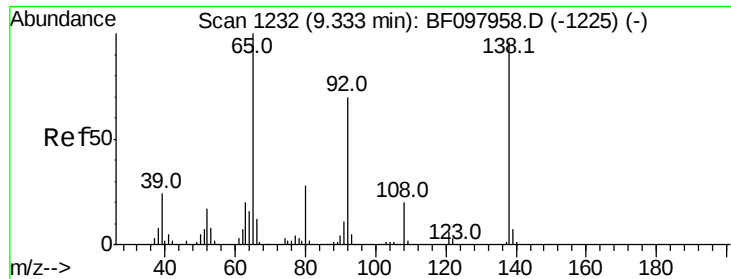
#46
 2-Chloronaphthalene
 Concen: 40.897 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.3	28.3	42.5#
164	31.9	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

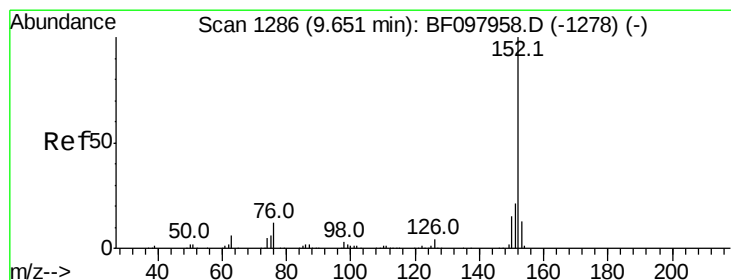
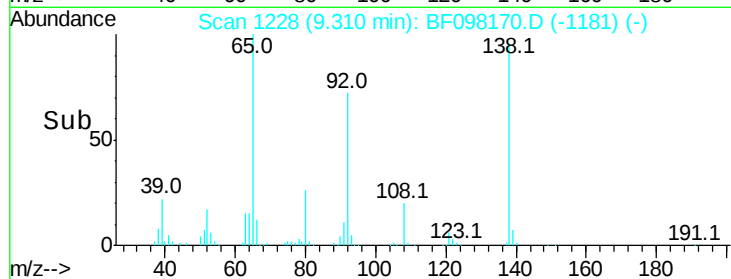
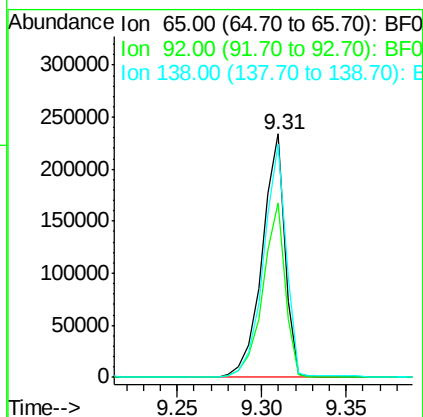
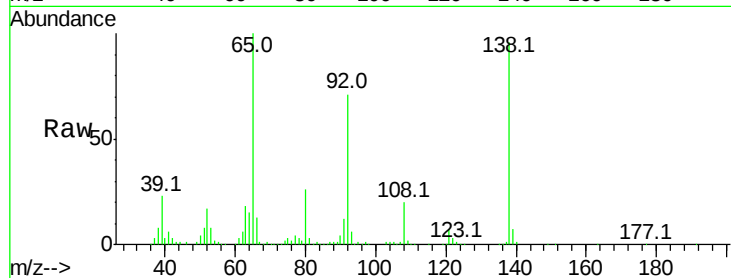




#47
2-Nitroaniline
Concen: 49.134 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

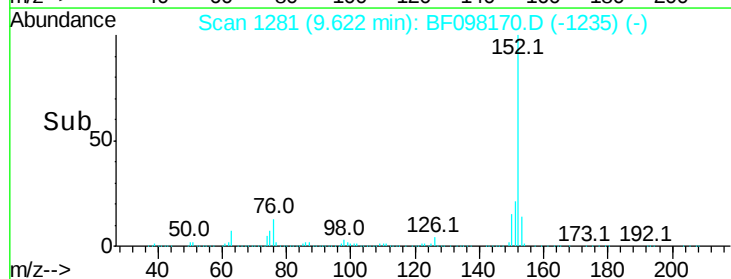
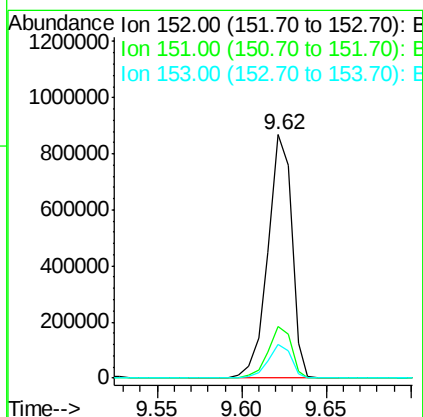
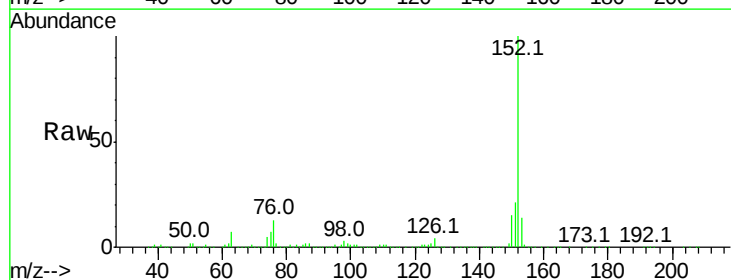
Instrument :
BNA_F
ClientSampleId :

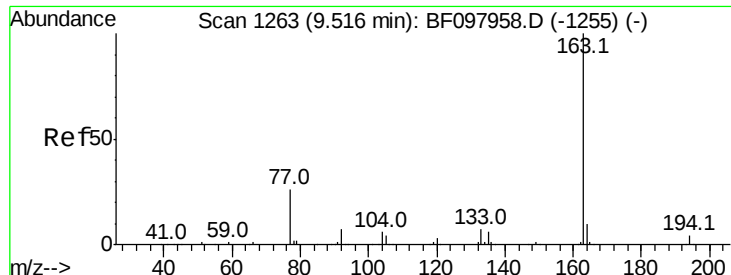
Tot Ion: 65 Resp: 216776
Ion Ratio Lower Upper
65 100
92 71.4 53.9 80.9
138 96.1 78.8 118.2



#48
Acenaphthylene
Concen: 41.065 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Tgt Ion: 152 Resp: 848680
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 13.6 10.8 16.2

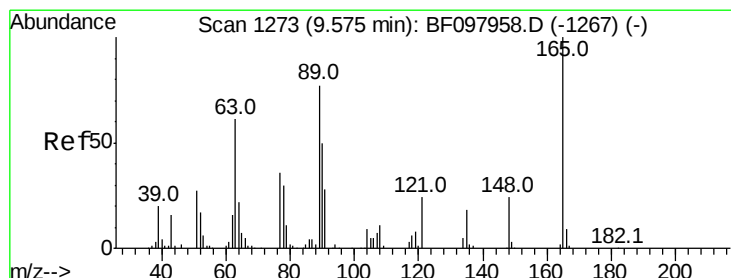
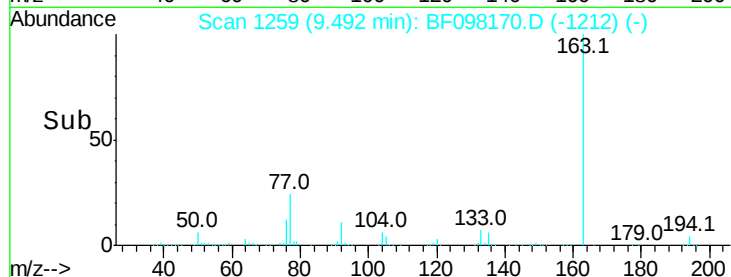
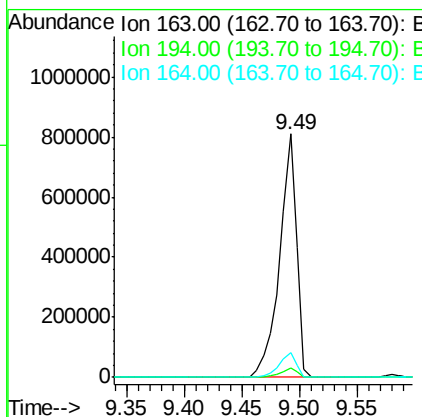
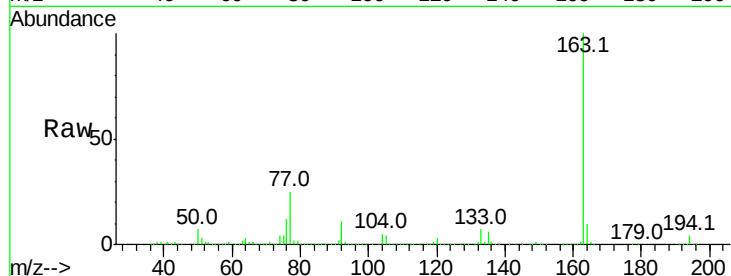




#49
Dimethylphthalate
Concen: 57.942 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

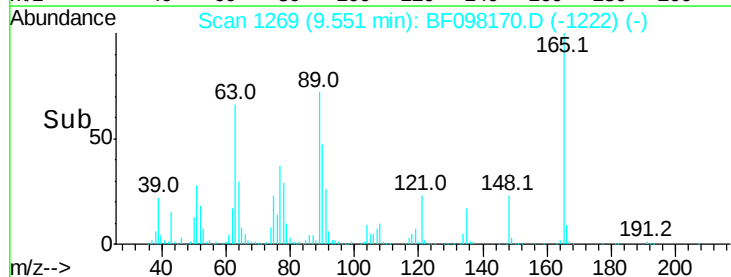
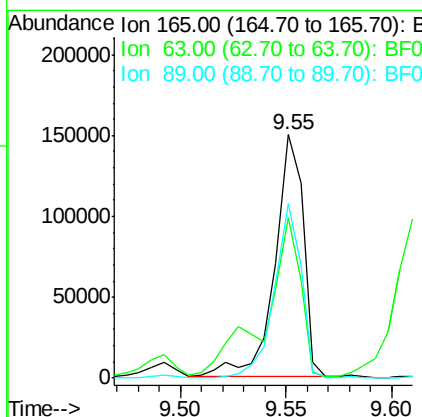
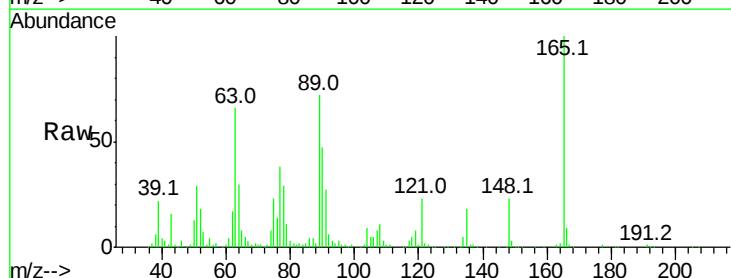
Instrument :
BNA_F
ClientSampled :

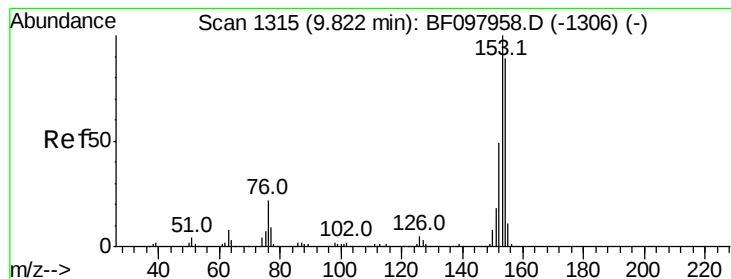
Tot Ion:163 Resp: 827267
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 49.569 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Tgt Ion:165 Resp: 141268
Ion Ratio Lower Upper
165 100
63 65.9 34.3 51.5#
89 71.8 37.1 55.7#





#51

Acenaphthene

Concen: 38.641 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

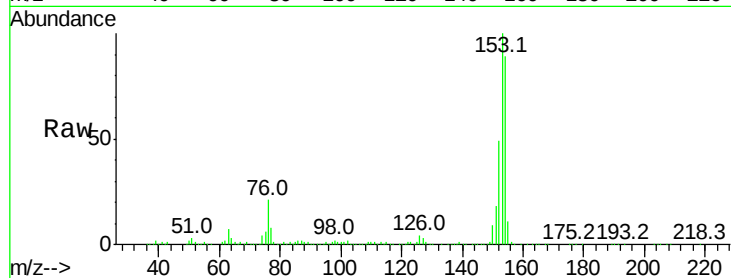
Tot Ion:154 Resp: 503649

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

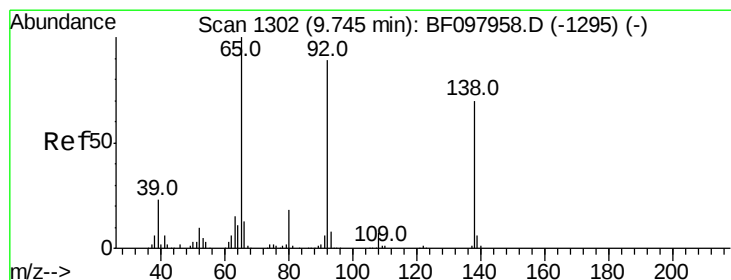
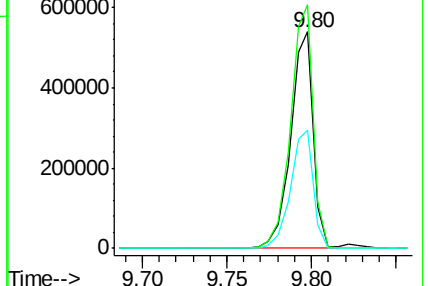
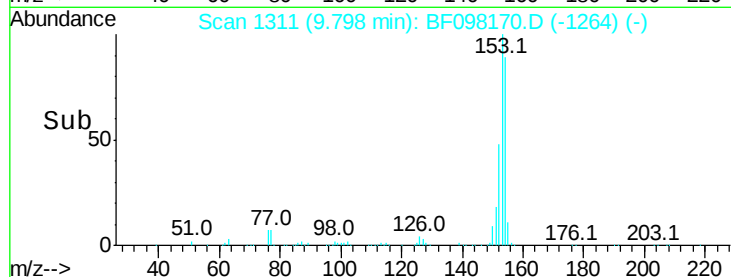
152 54.9 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.782 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

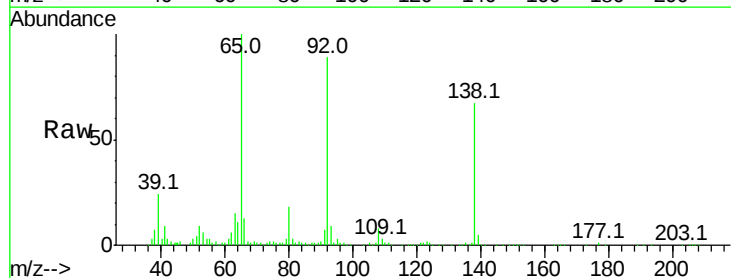
Tgt Ion:138 Resp: 127890

Ion Ratio Lower Upper

138 100

108 11.9 9.1 13.7

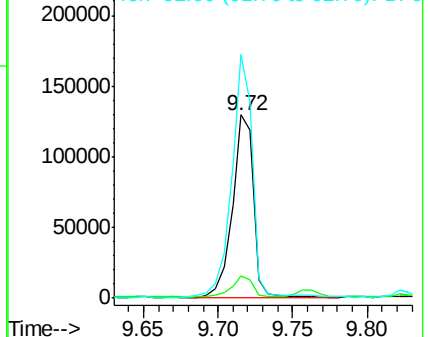
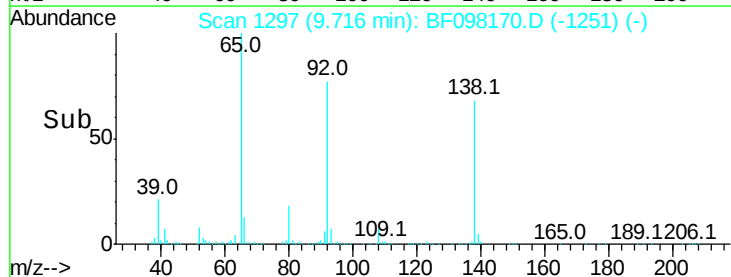
92 133.0 93.8 140.6

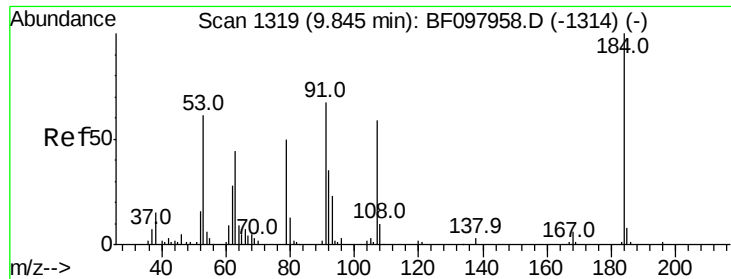


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

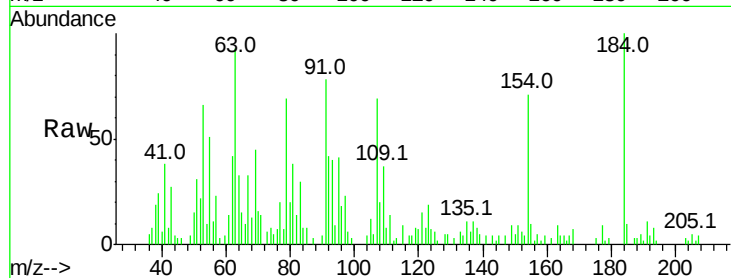




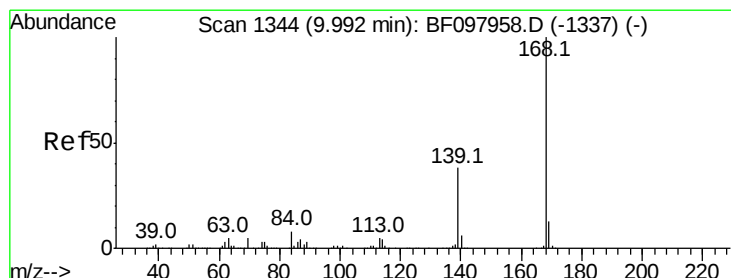
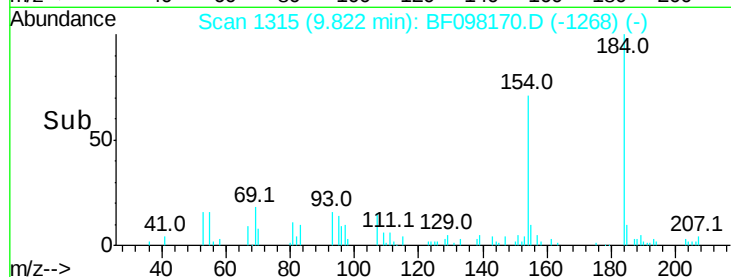
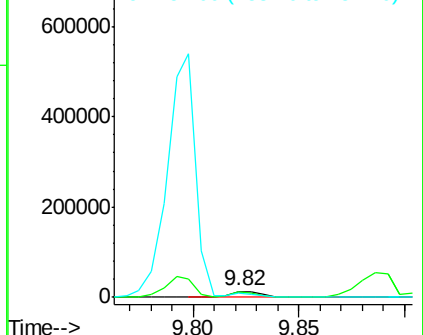
#53
 2,4-Dinitrophenol
 Concen: 19.353 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 14300
 Ion Ratio Lower Upper
 184 100
 63 93.0 62.7 94.1
 154 70.6 81.1 121.7#

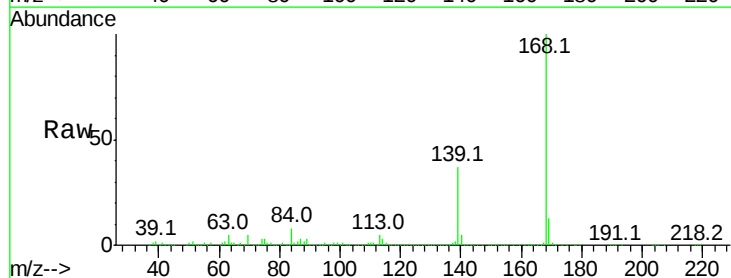


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

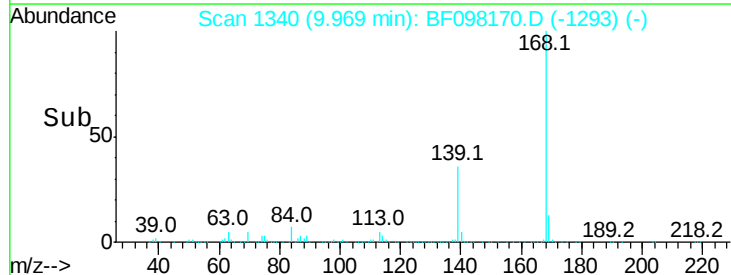
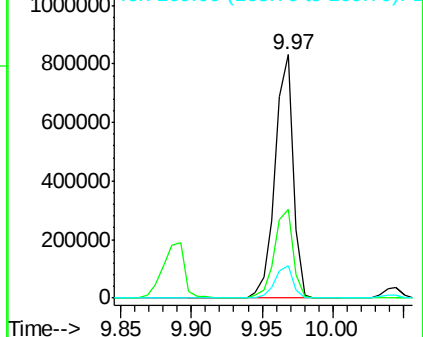


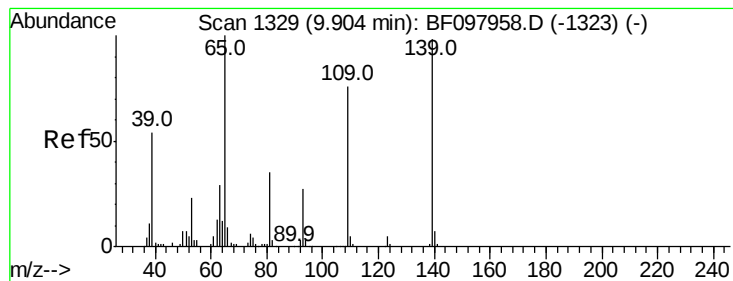
#54
 Dibenzofuran
 Concen: 42.939 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Tgt Ion:168 Resp: 750088
 Ion Ratio Lower Upper
 168 100
 139 36.5 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: 69.887 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

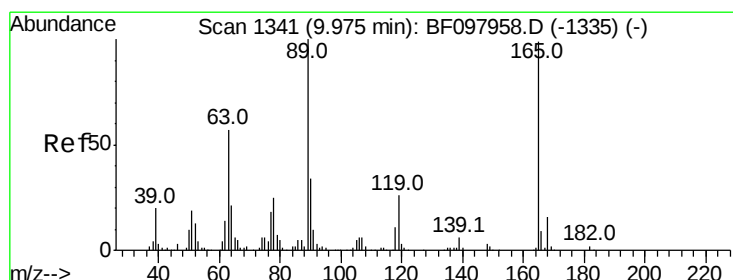
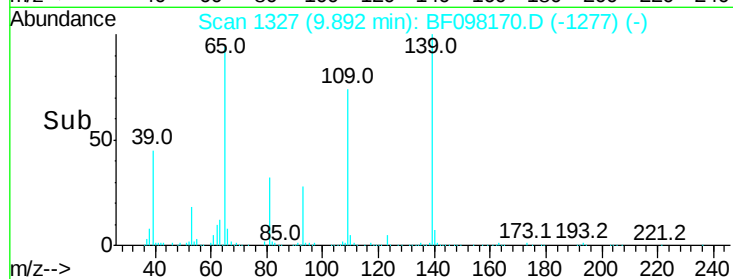
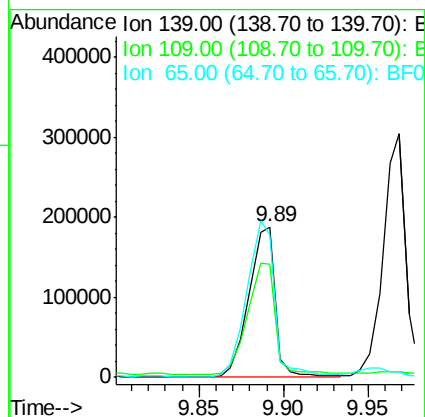
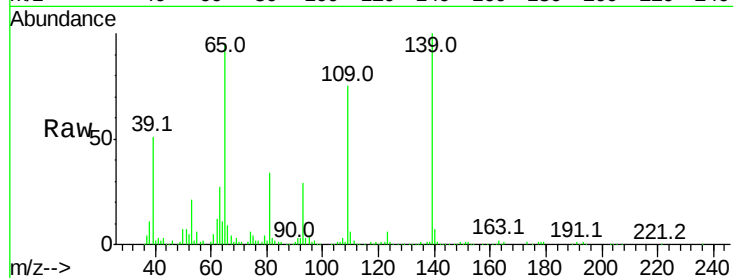
Tot Ion:139 Resp: 204988

Ion Ratio Lower Upper

139 100

109 75.5 34.1 74.1#

65 94.5 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 46.271 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Tgt Ion:165 Resp: 165492

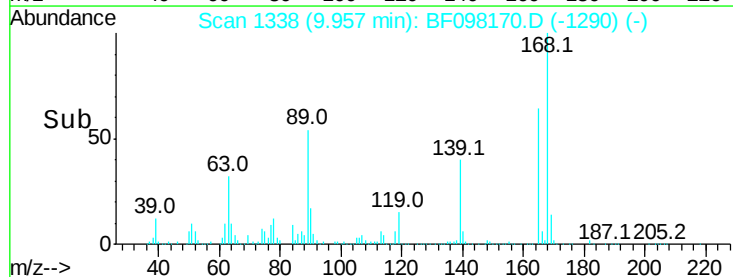
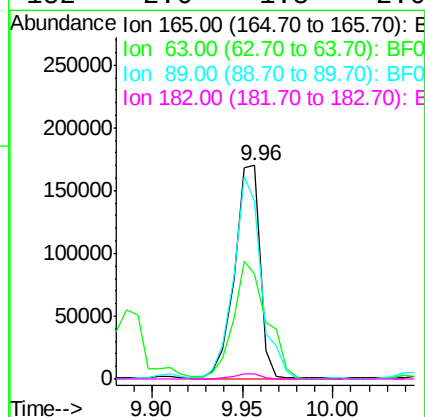
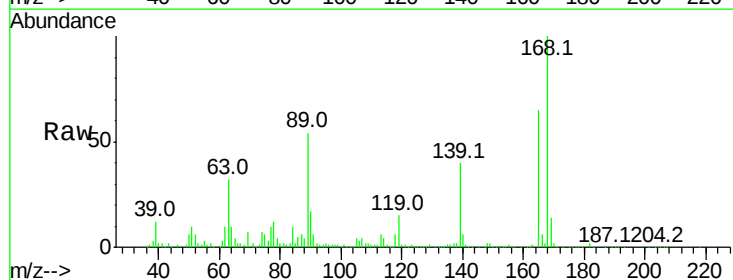
Ion Ratio Lower Upper

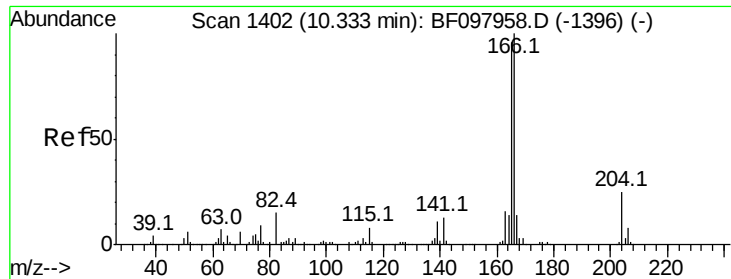
165 100

63 49.3 25.4 38.0#

89 83.1 46.4 69.6#

182 2.6 1.8 2.6





#57

Fluorene

Concen: 39.624 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

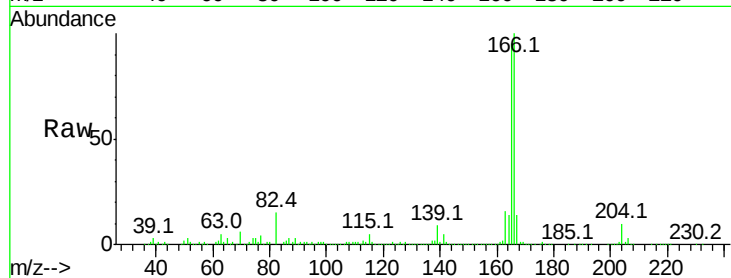
Tot Ion:166 Resp: 535158

Ion Ratio Lower Upper

166 100

165 94.5 78.8 118.2

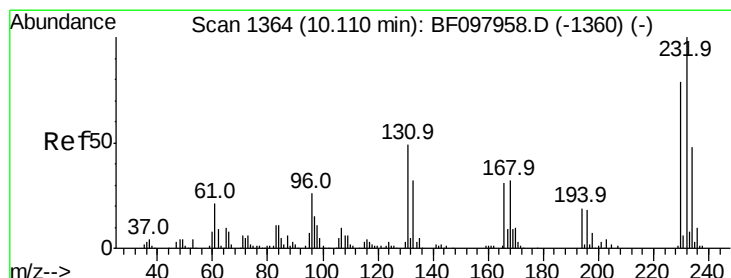
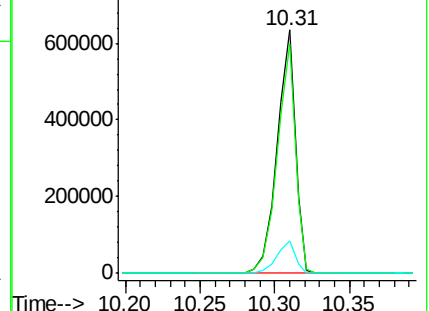
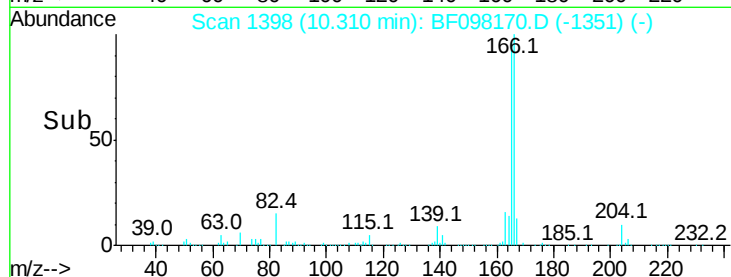
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.992 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Tgt Ion:232 Resp: 132895

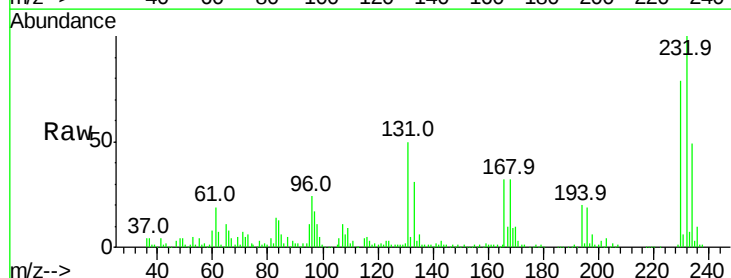
Ion Ratio Lower Upper

232 100

131 49.5 44.8 67.2

130 2.5 2.3 3.5

166 32.9 29.0 43.4

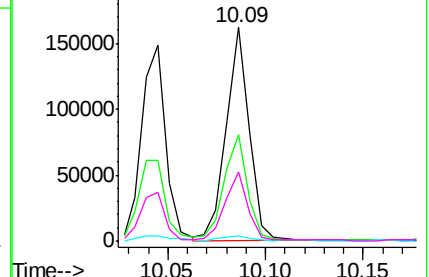
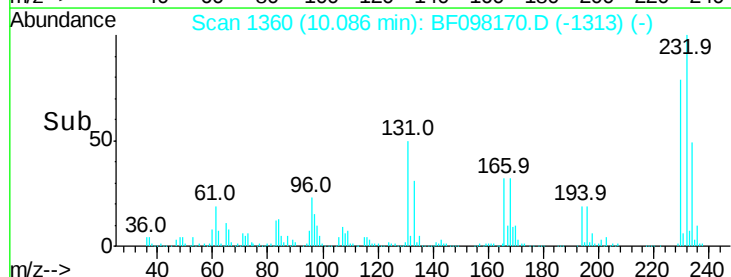


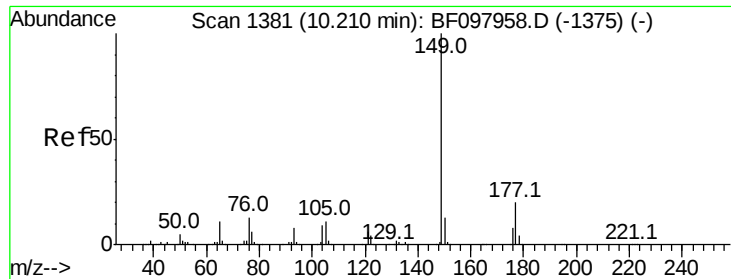
Abundance Ion 232.00 (231.70 to 232.70): E

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

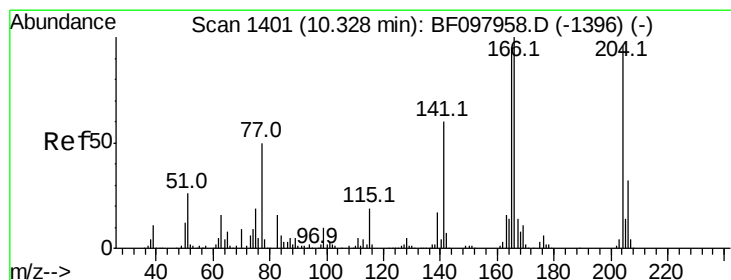
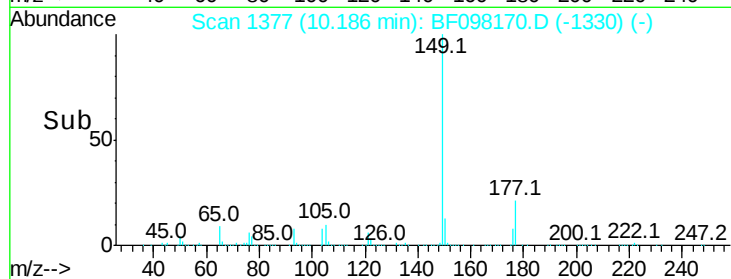
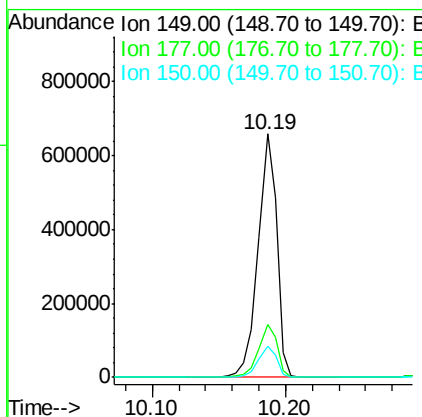
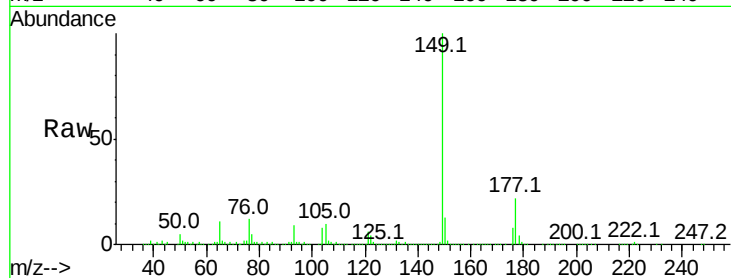




#59
Diethylphthalate
Concen: 41.750 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

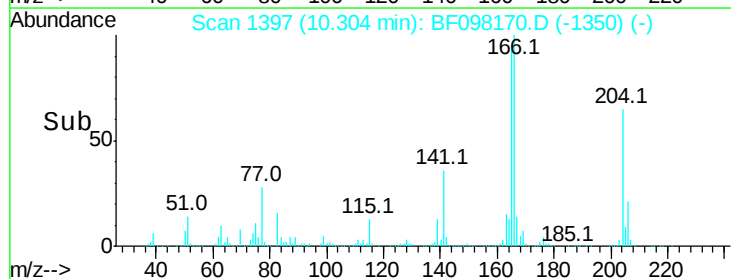
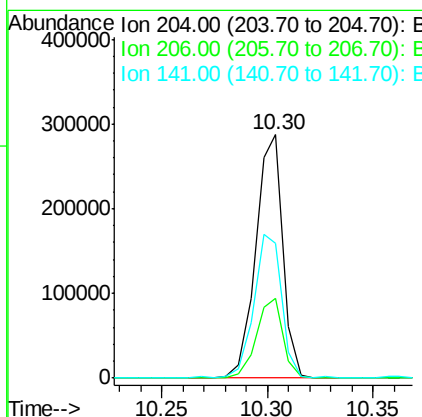
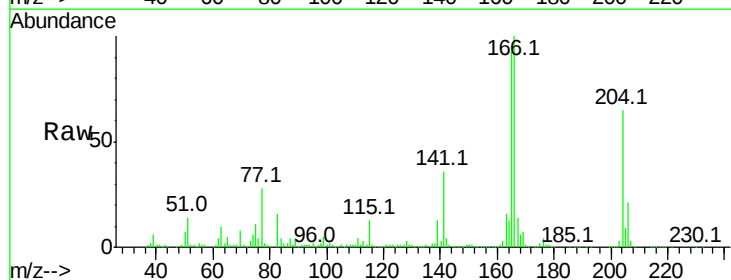
Instrument :
BNA_F
ClientSampled :

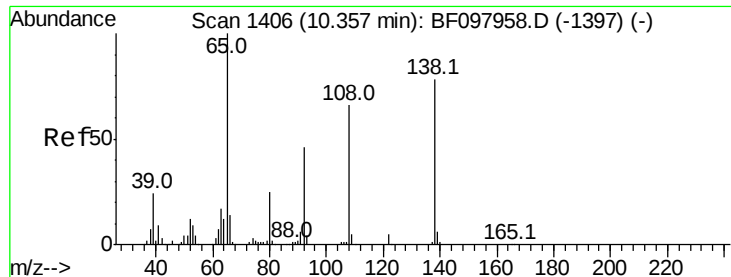
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	13.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.630 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	55.2	60.8	91.2#





#61

4-Nitroaniline

Concen: 39.232 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

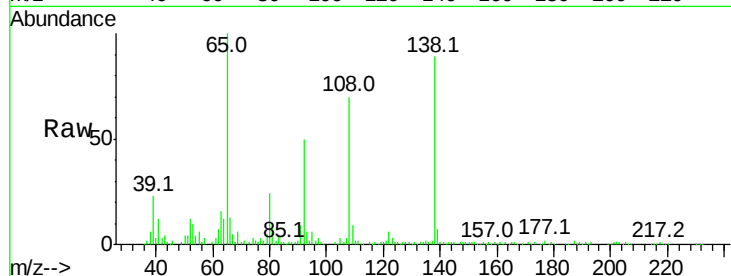
Tot Ion:138 Resp: 137104

Ion Ratio Lower Upper

138 100

92 56.8 21.8 61.8

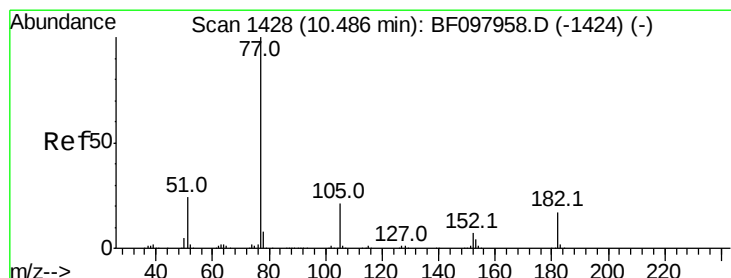
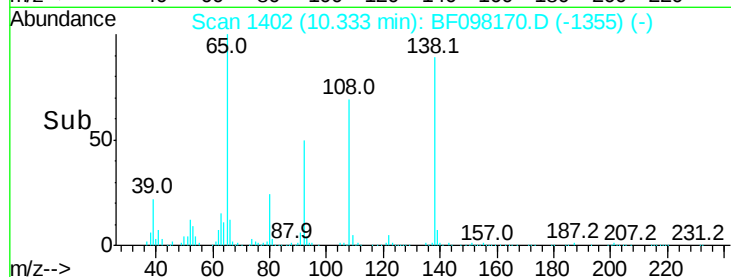
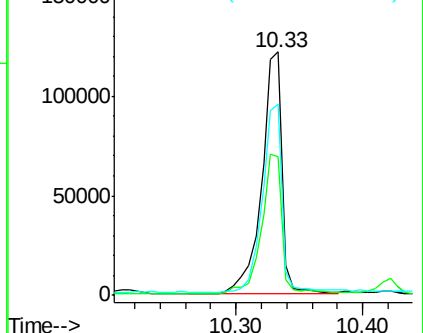
108 78.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.207 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Tgt Ion: 77 Resp: 695335

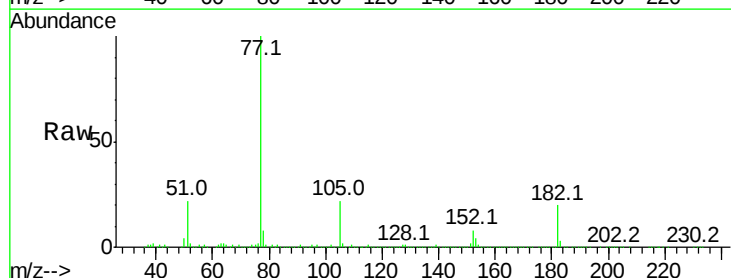
Ion Ratio Lower Upper

77 100

182 20.0 0.1 40.1

105 22.2 3.6 43.6

51 21.9 9.4 49.4

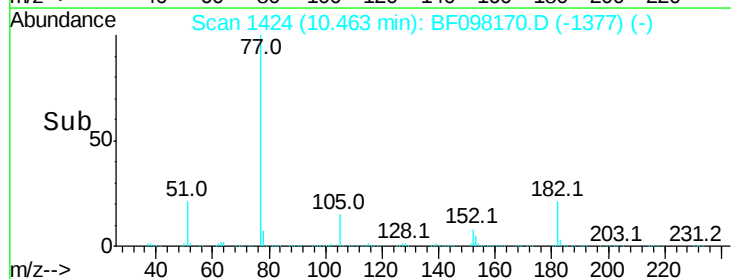
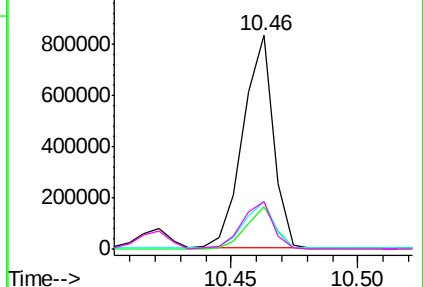


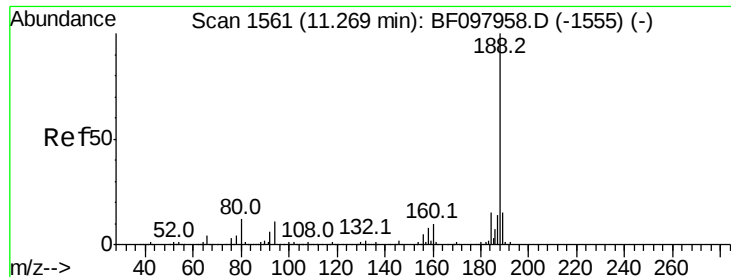
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

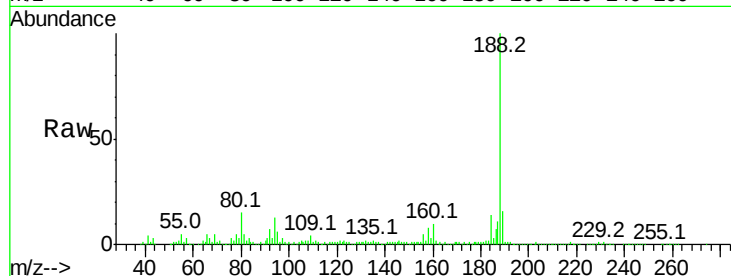




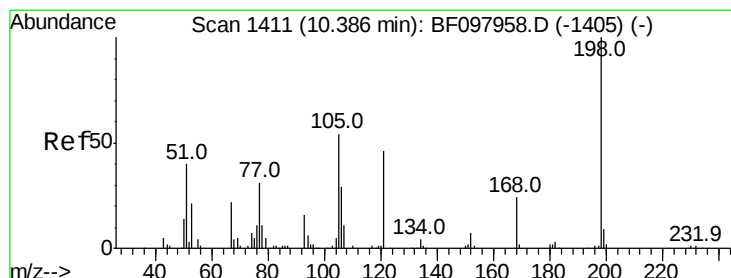
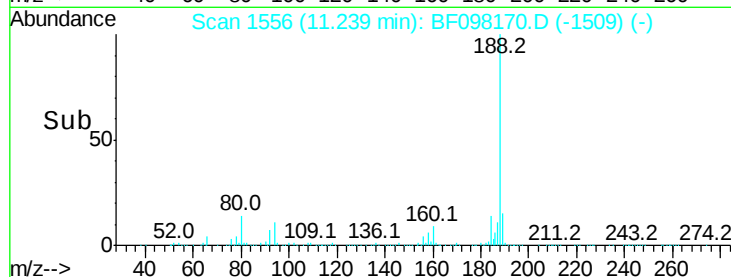
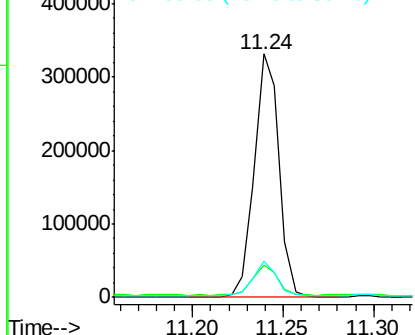
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 311086
Ion Ratio Lower Upper
188 100
94 13.2 9.4 14.2
80 15.0 10.2 15.2

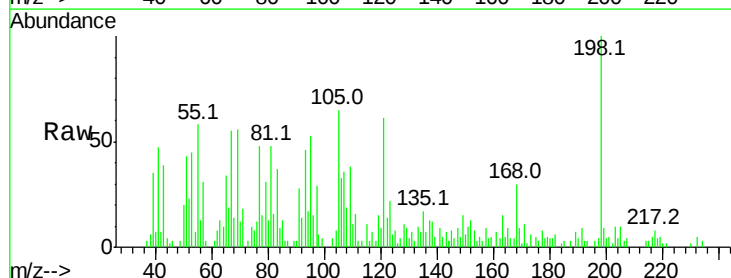


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

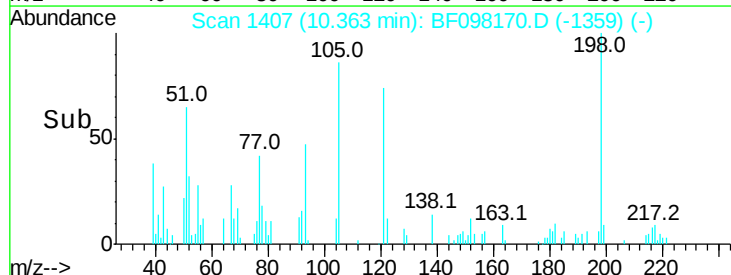
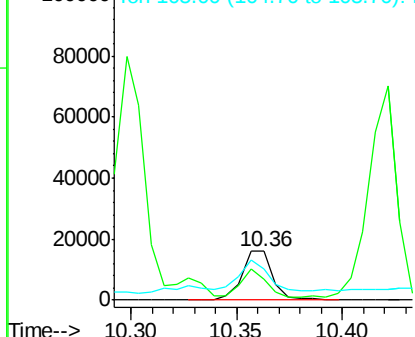


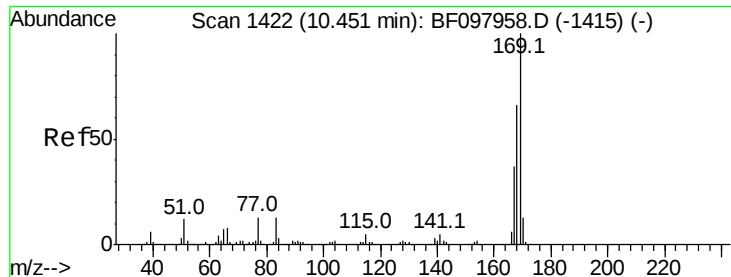
#64
4,6-Dinitro-2-methylphenol
Concen: 17.515 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Tgt Ion:198 Resp: 16305
Ion Ratio Lower Upper
198 100
51 43.0 53.2 93.2#
105 65.1 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: 46.576 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

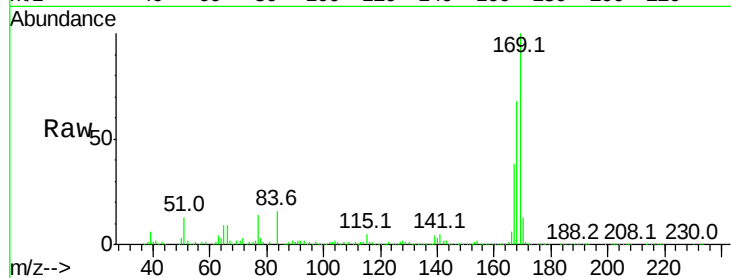
Tot Ion:169 Resp: 493396

Ion Ratio Lower Upper

169 100

168 67.5 53.2 79.8

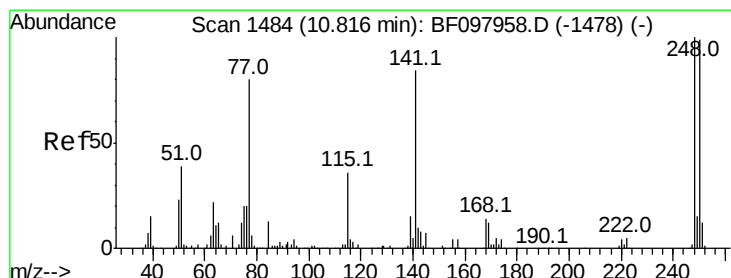
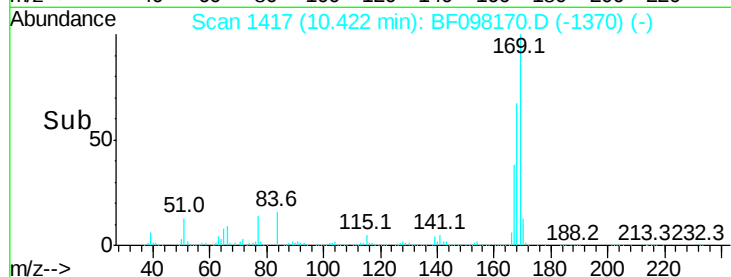
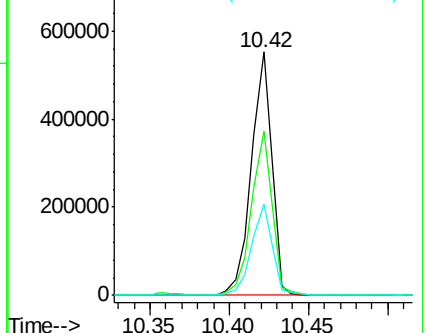
167 37.6 29.5 44.3



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: 46.870 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

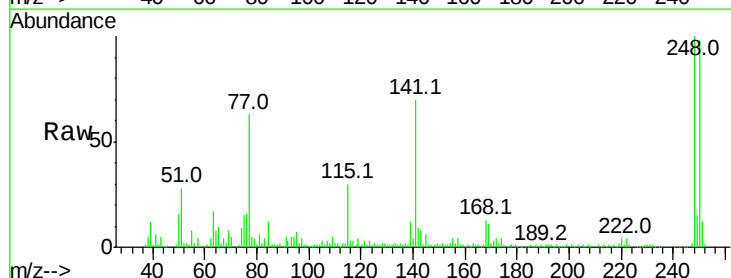
Tgt Ion:248 Resp: 151409

Ion Ratio Lower Upper

248 100

250 98.0 76.8 115.2

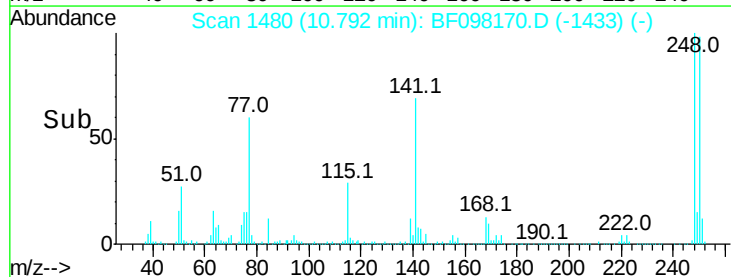
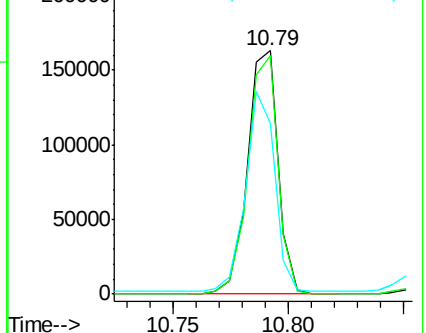
141 70.1 68.6 103.0



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

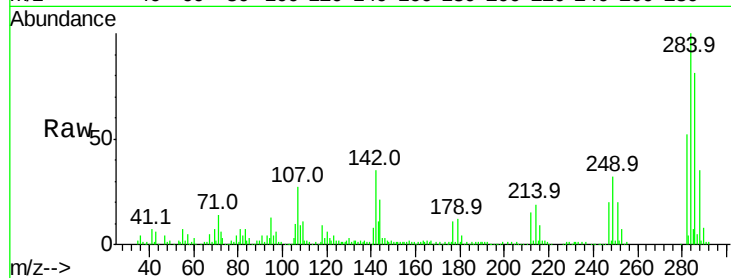




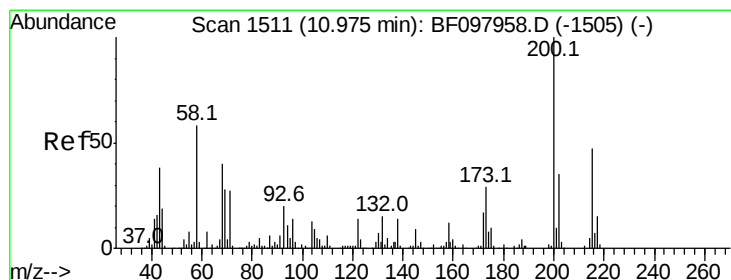
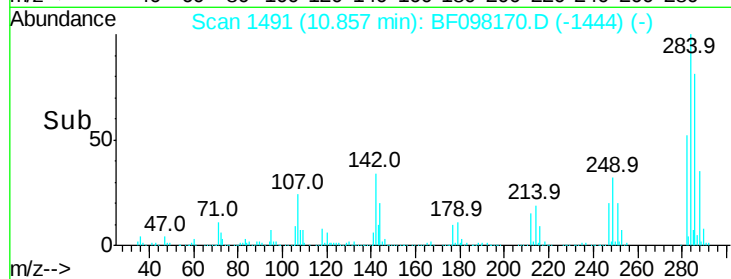
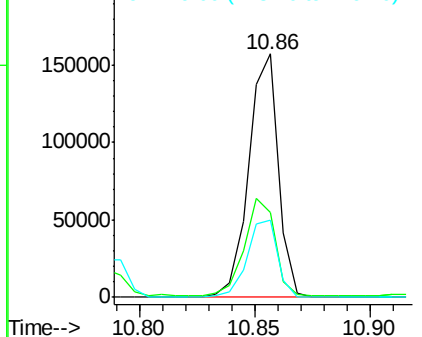
#67
Hexachlorobenzene
Concen: 42.862 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.0	22.8	34.2#
249	31.7	24.0	36.0

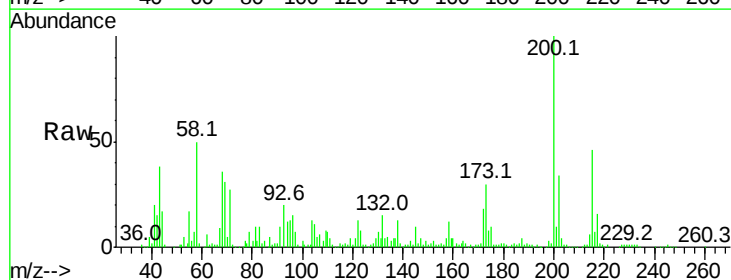


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

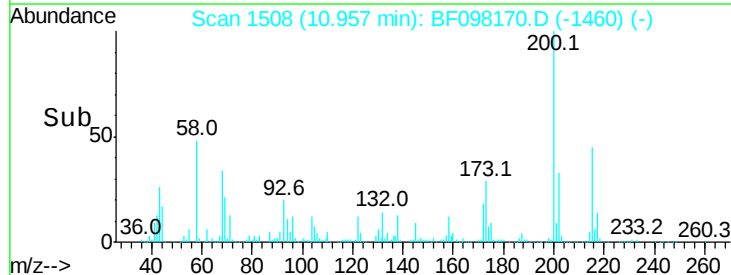
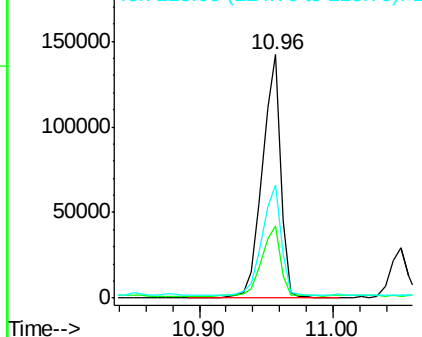


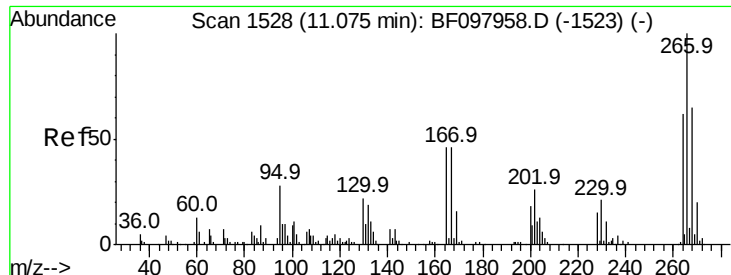
#68
Atrazine
Concen: 48.144 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.02 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.7	6.3	46.3
215	46.5	27.2	67.2



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

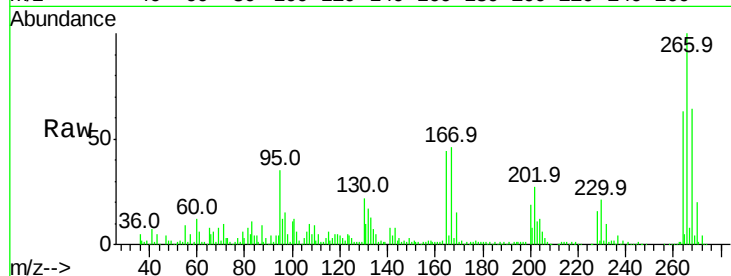




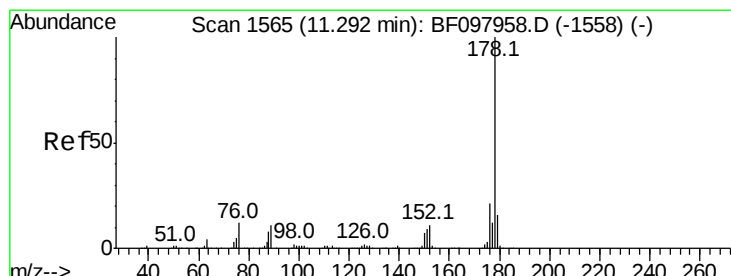
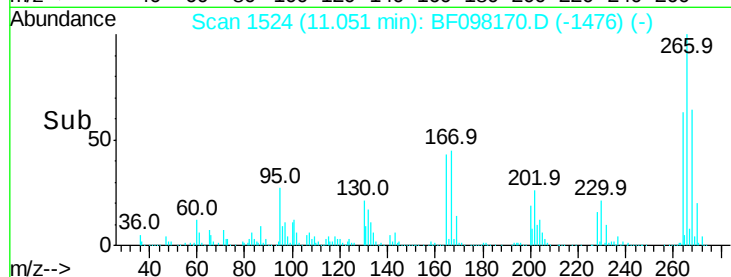
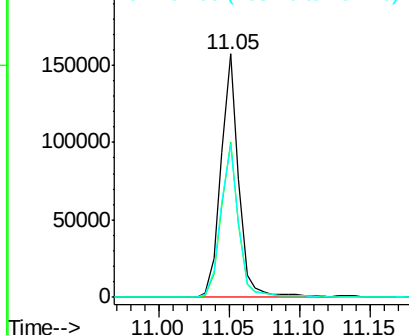
#69
 Pentachlorophenol
 Concen: 71.839 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	62.8	51.7	77.5

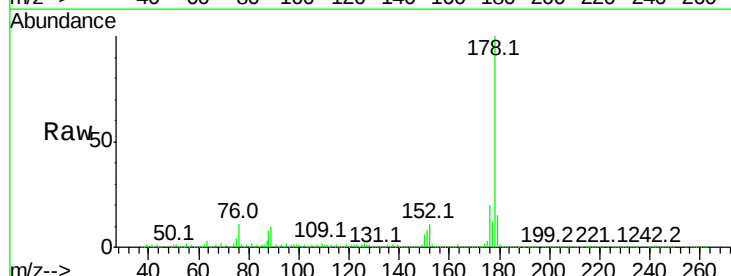


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

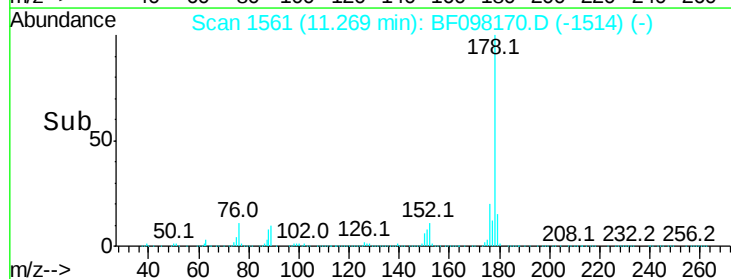
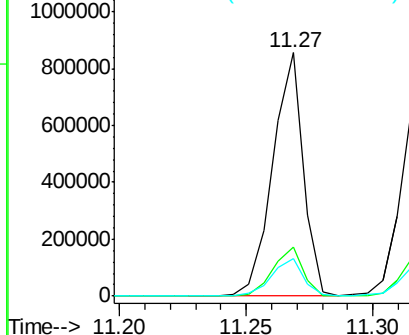


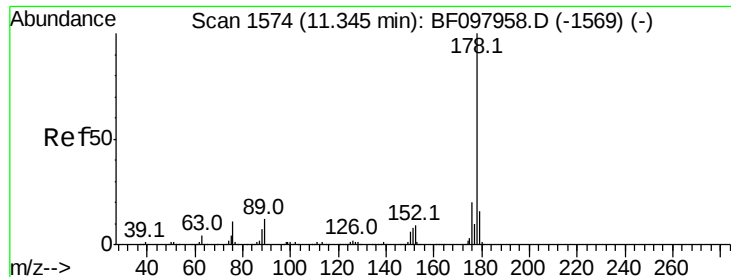
#70
 Phenanthrene
 Concen: 43.535 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.02 min
 Lab File: BF098170.D
 Acq: 30 Aug 2017 21:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.3	12.6	19.0



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





#71

Anthracene

Concen: 42.336 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

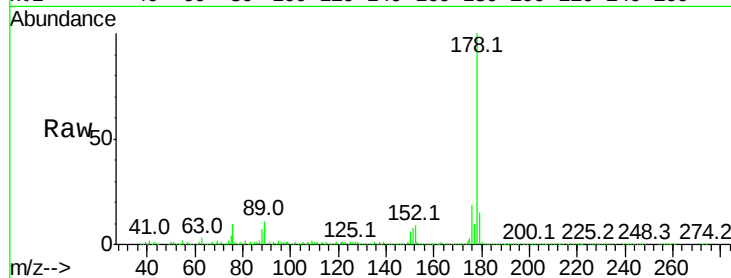
Tot Ion:178 Resp: 711812

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

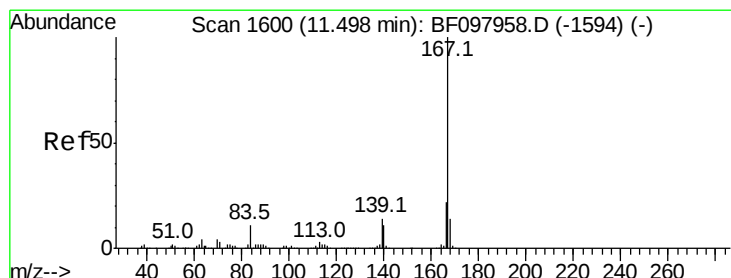
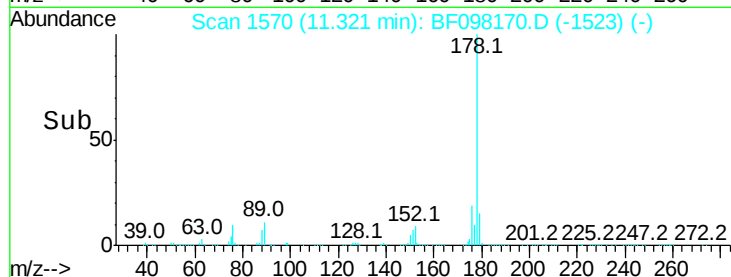
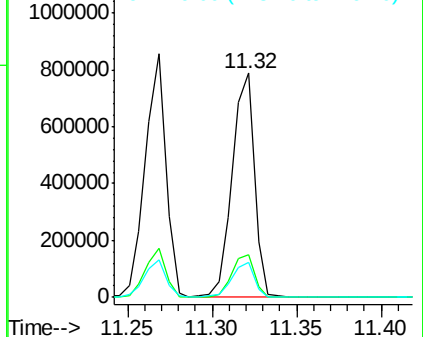
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.791 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

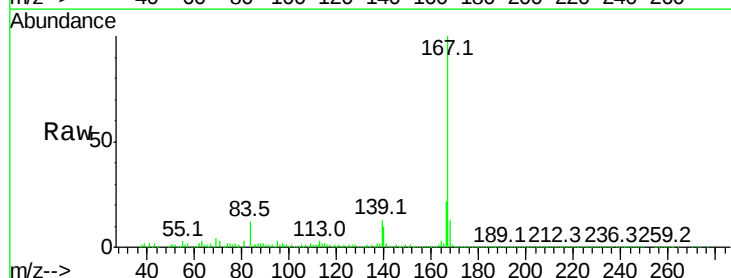
Tgt Ion:167 Resp: 666960

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

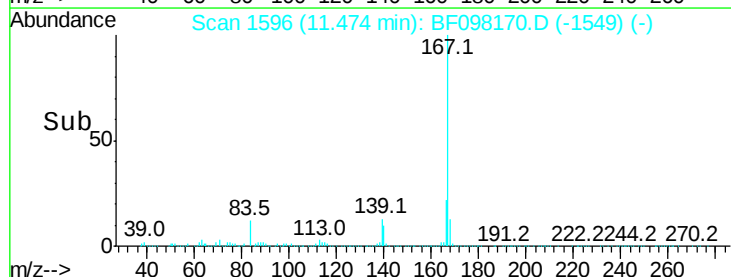
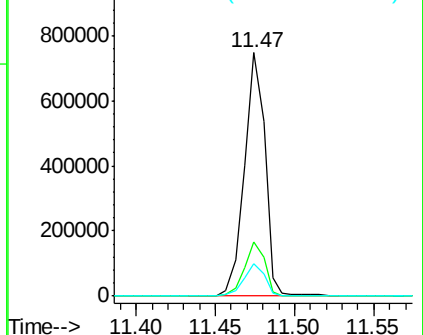
139 13.5 11.7 17.5

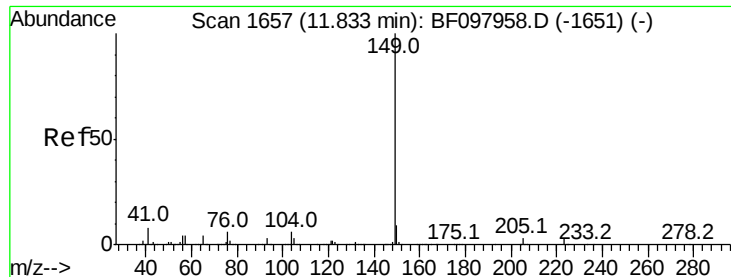


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.276 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF098170.D

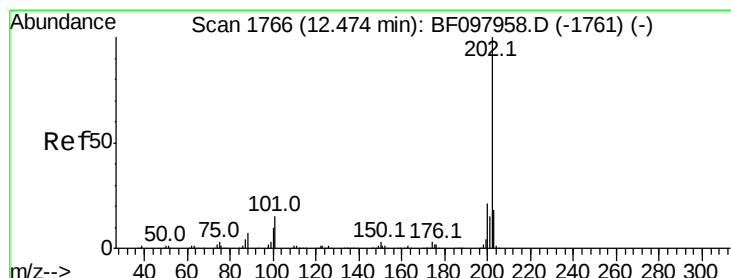
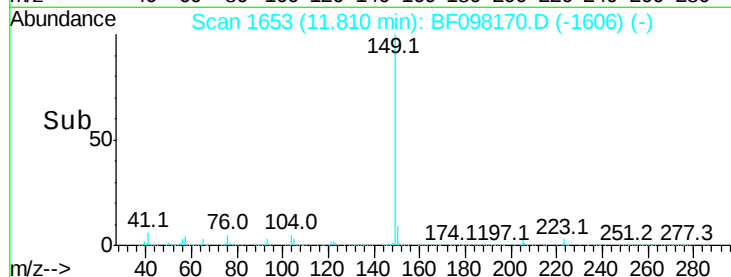
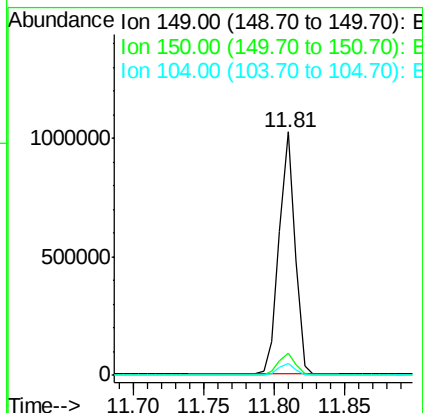
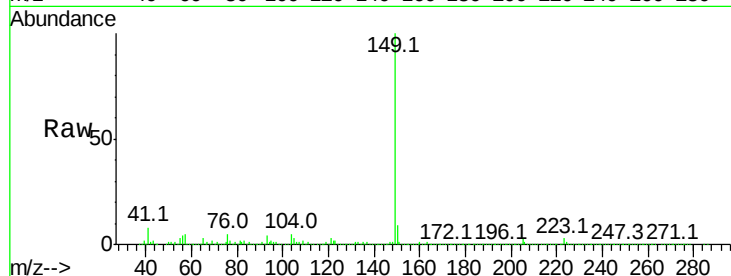
Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	813933
Ion Ratio	Lower	Upper
149	100	
150	9.3	7.7 11.5
104	5.0	4.0 6.0



#74

Fluoranthene

Concen: 39.733 ng

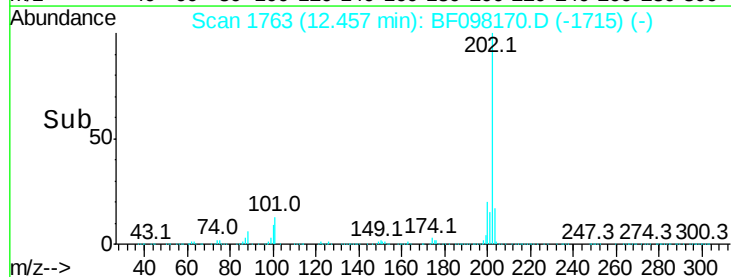
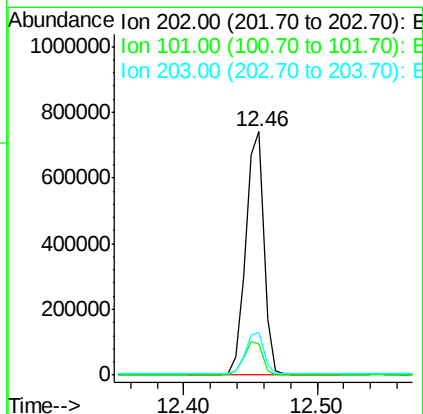
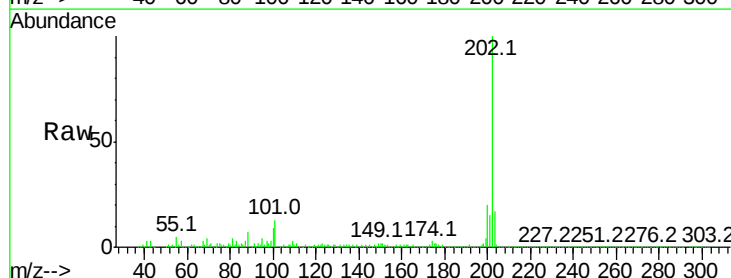
RT: 12.46 min Scan# 1763

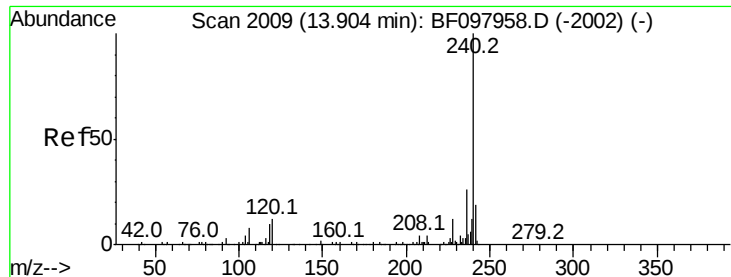
Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Tgt Ion:202	Resp:	687472
Ion Ratio	Lower	Upper
202	100	
101	12.9	0.0 33.2
203	17.3	0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

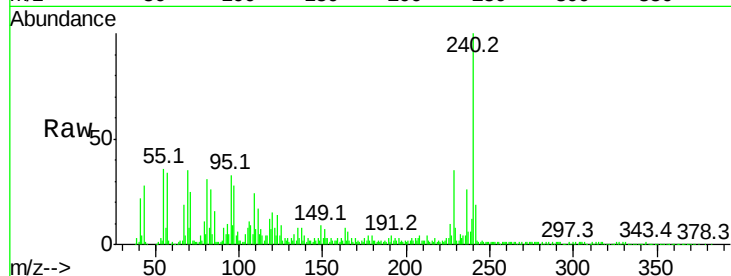
Tot Ion:240 Resp: 207617

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

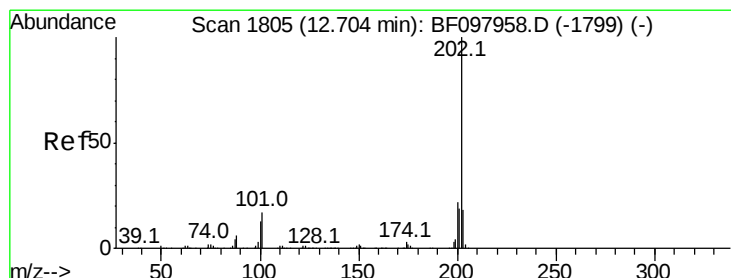
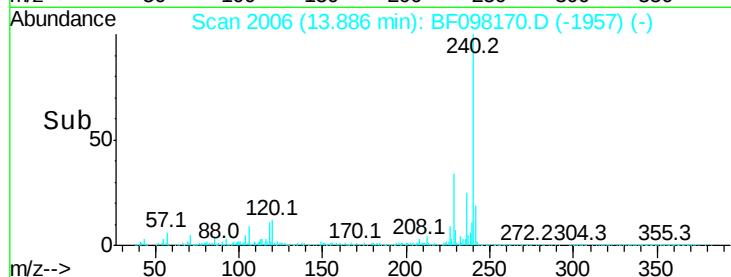
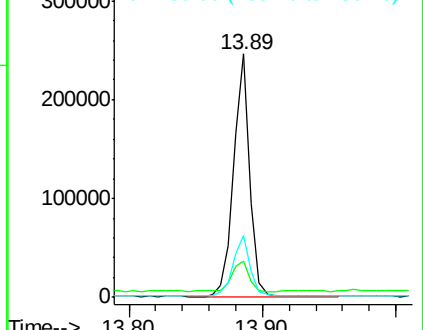
236 25.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 40.917 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

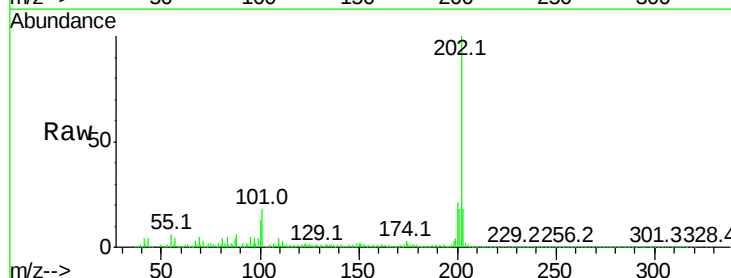
Tgt Ion:202 Resp: 694792

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

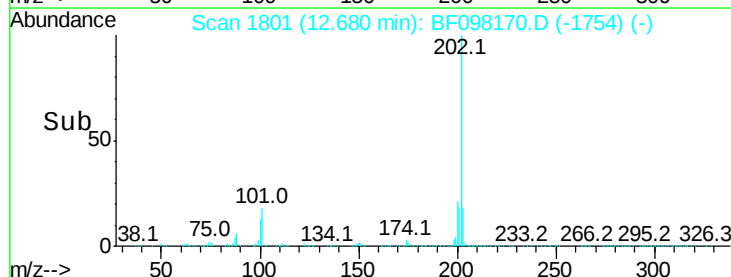
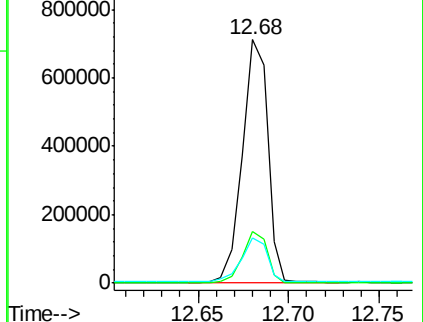
203 18.3 14.4 21.6

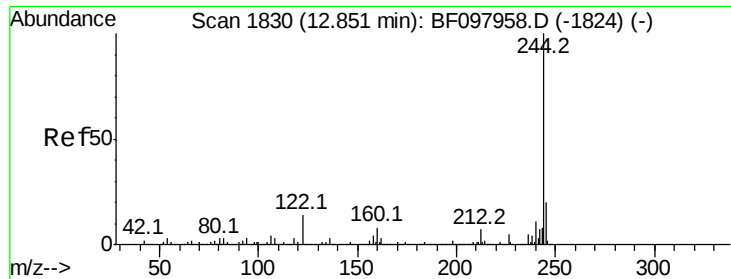


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.866 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

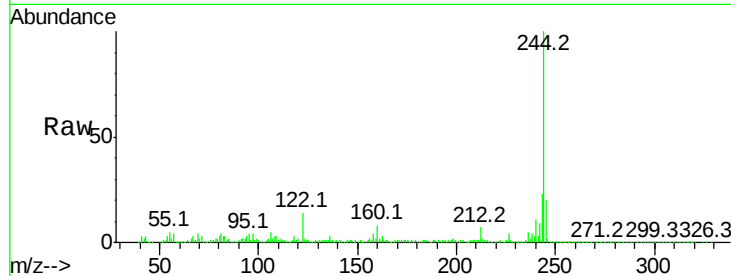
Tot Ion:244 Resp: 725455

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 13.5 10.3 15.5

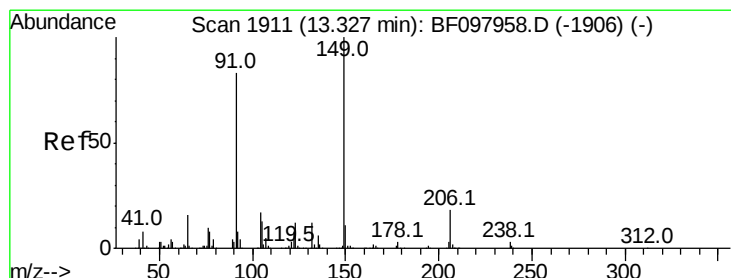
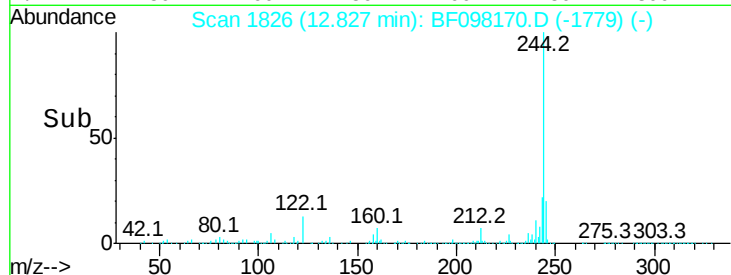


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.70 12.80 12.90



#79

Butylbenzylphthalate

Concen: 44.559 ng

RT: 13.31 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

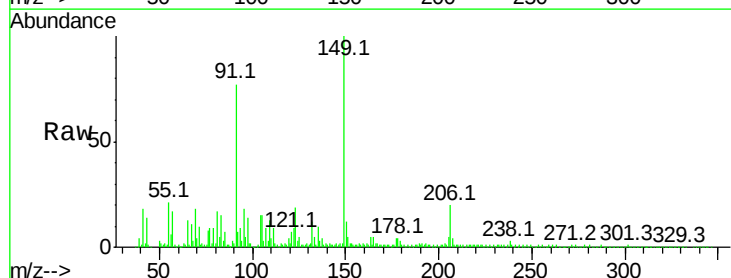
Tgt Ion:149 Resp: 290096

Ion Ratio Lower Upper

149 100

91 76.7 45.0 67.4#

206 20.4 17.0 25.6

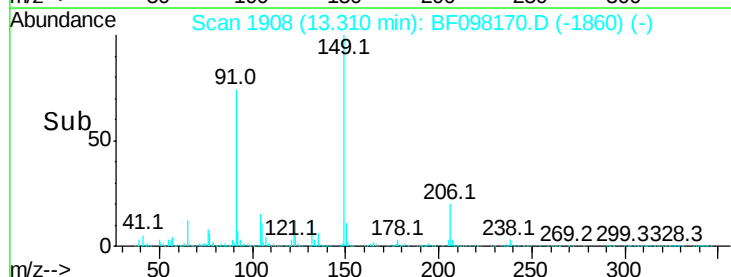


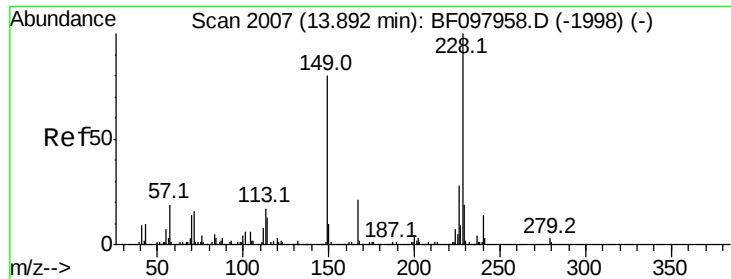
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time--> 13.30 13.40

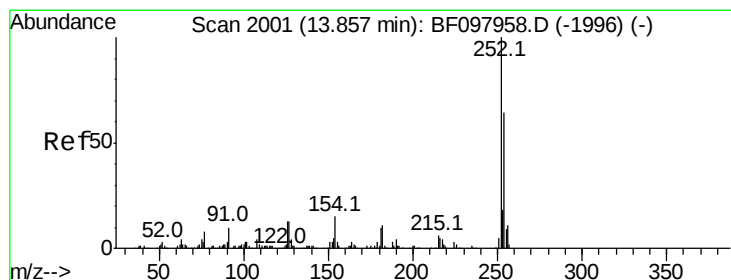
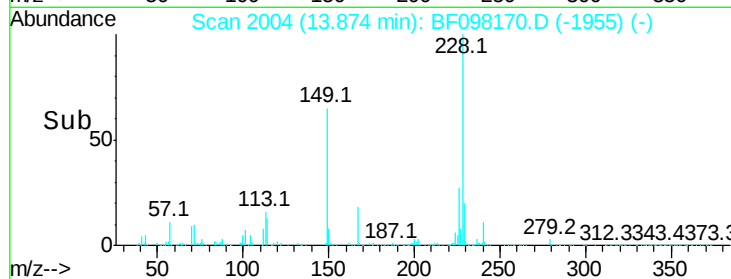
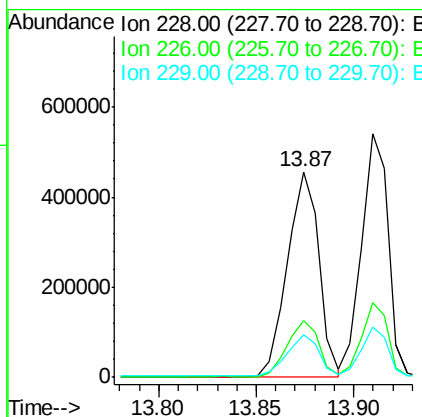
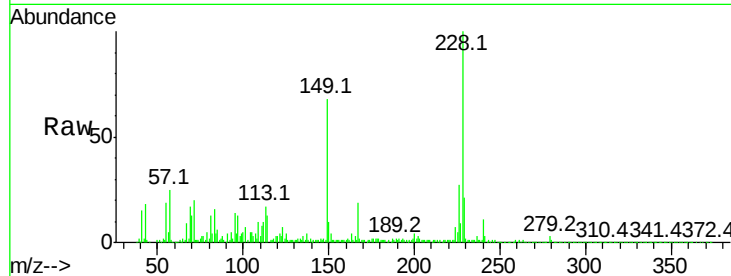




#80
Benzo(a)anthracene
Concen: 40.749 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

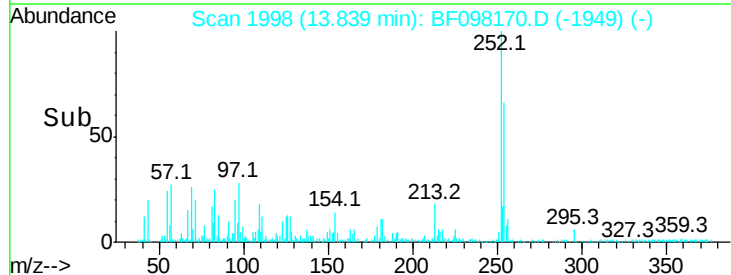
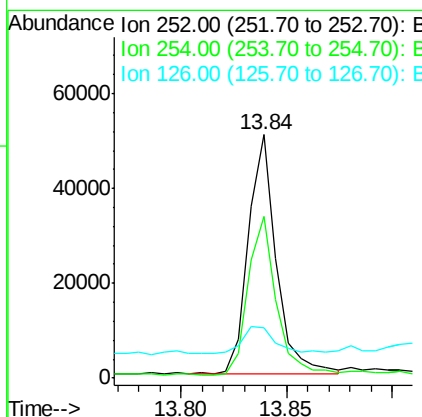
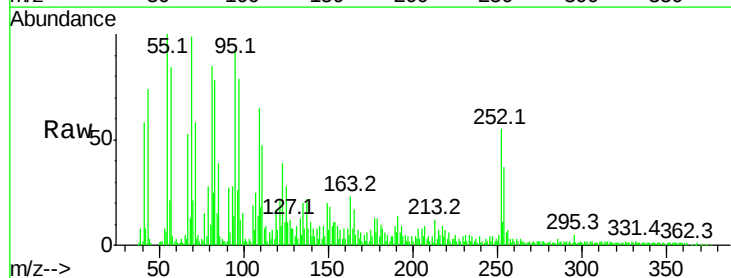
Instrument :
BNA_F
ClientSampleId :

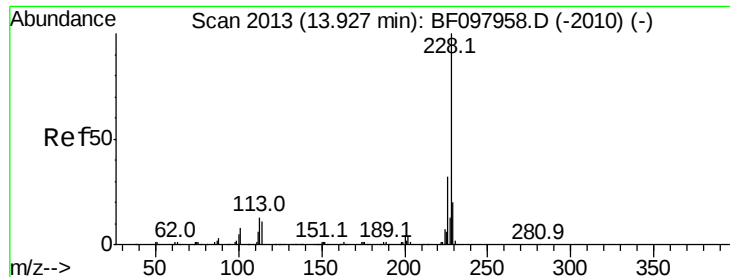
Tot Ion:228 Resp: 507057
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.7 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 11.239 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF098170.D
Acq: 30 Aug 2017 21:58

Tgt Ion:252 Resp: 47190
Ion Ratio Lower Upper
252 100
254 66.6 51.5 77.3
126 20.9 15.8 23.8





#82

Chrysene

Concen: 41.152 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

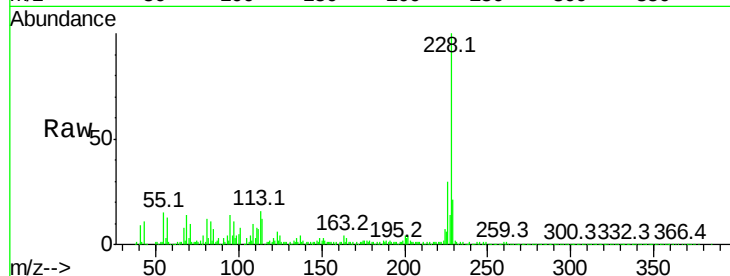
Tot Ion:228 Resp: 509387

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

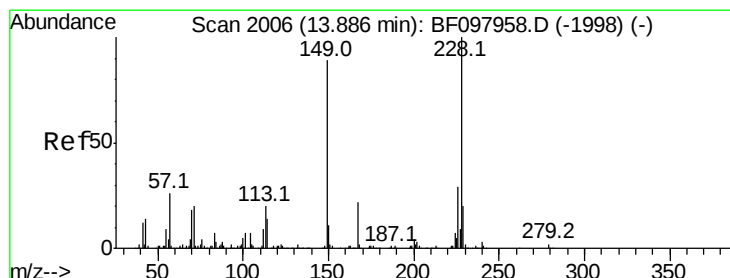
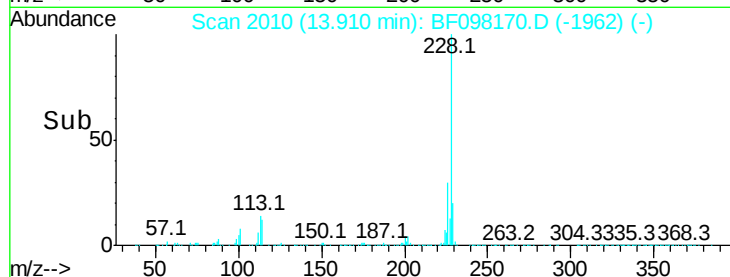
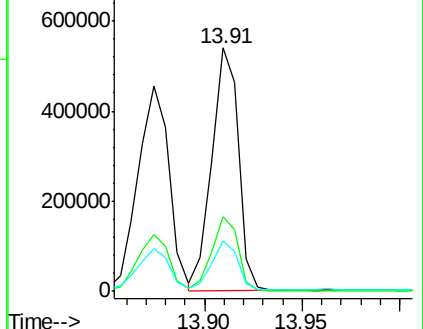
229 20.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.717 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

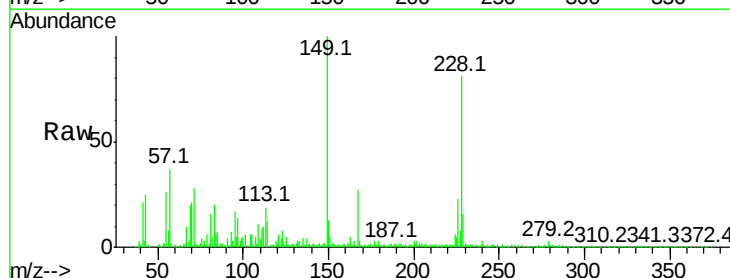
Tgt Ion:149 Resp: 344246

Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.4

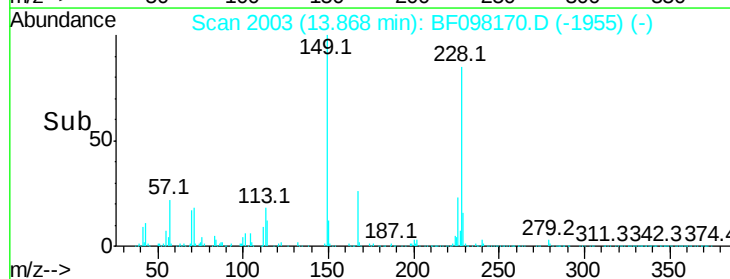
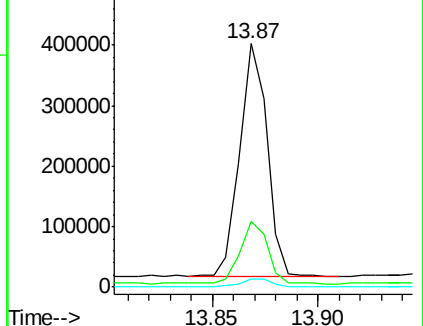
279 3.3 1.9 2.9#

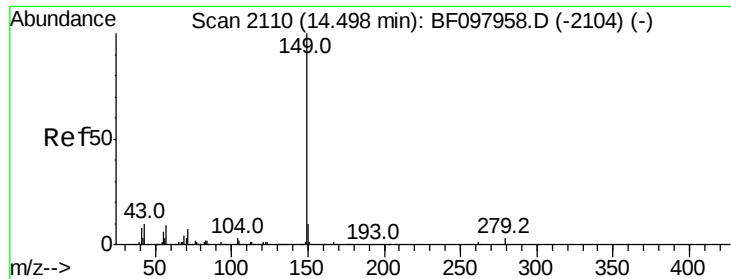


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 46.189 ng

RT: 14.49 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

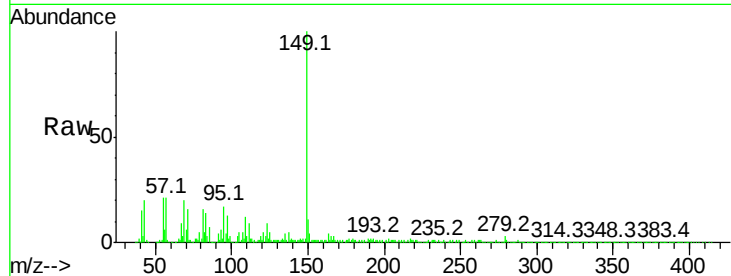
Tot Ion:149 Resp: 579788

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

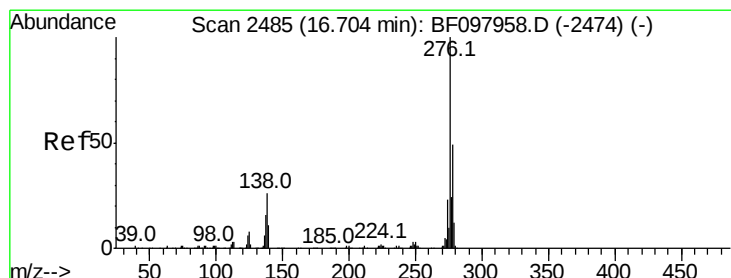
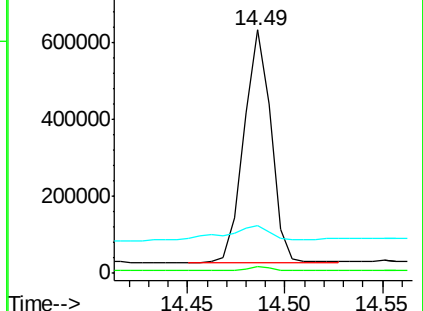
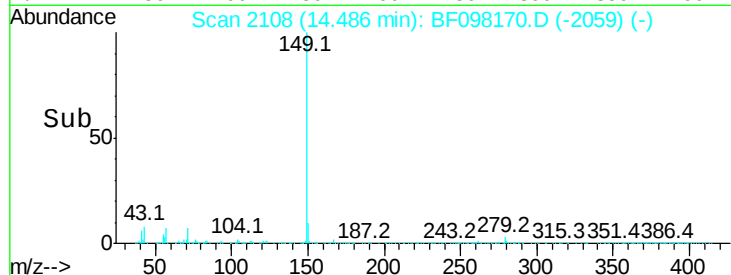
43 12.6 8.5 12.7



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: 58.060 ng

RT: 16.70 min Scan# 2484

Delta R.T. 0.01 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

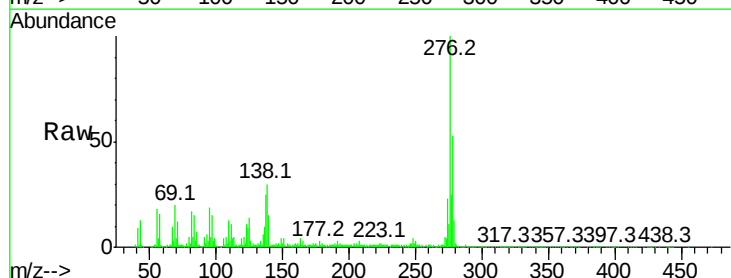
Tgt Ion:276 Resp: 528692

Ion Ratio Lower Upper

276 100

138 30.7 27.8 41.6

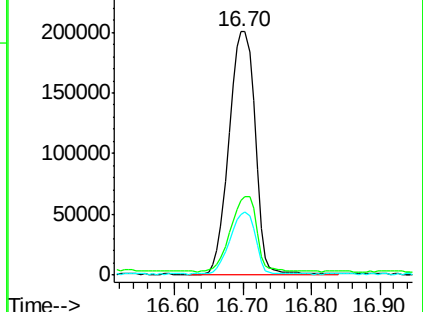
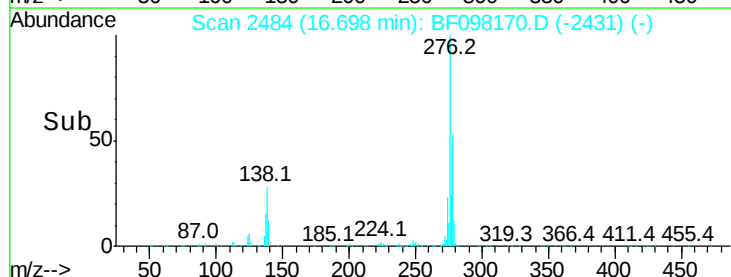
277 25.1 20.2 30.4

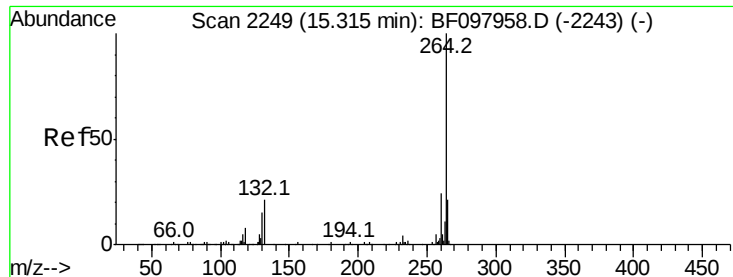


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

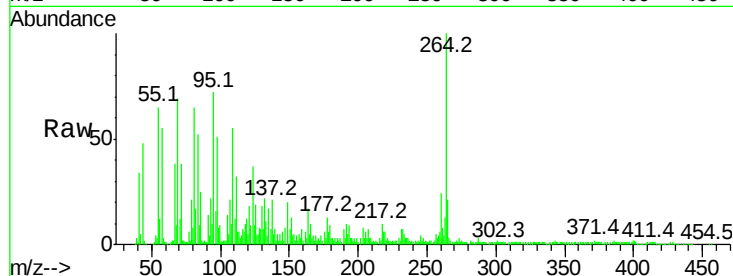
Tot Ion:264 Resp: 194396

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.1 17.2 25.8



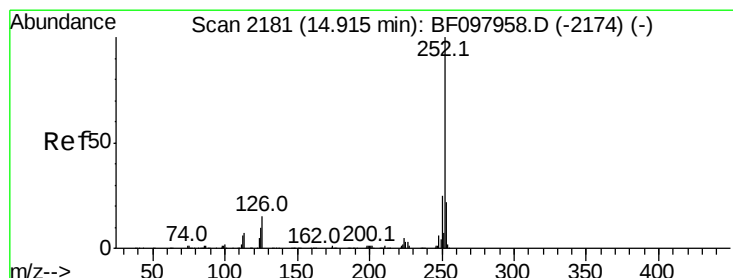
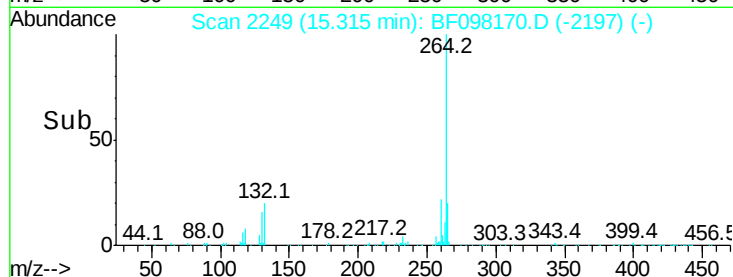
Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.32

Time-->



#87

Benzo(b)fluoranthene

Concen: 43.675 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

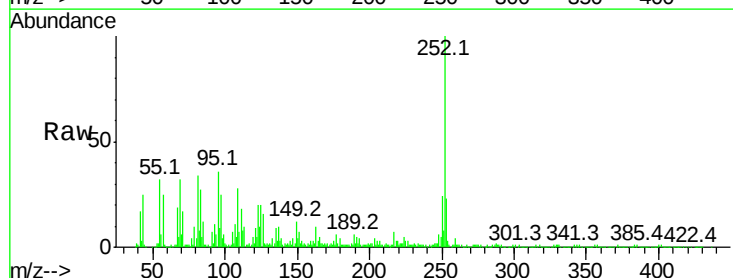
Tgt Ion:252 Resp: 535165

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 20.0 9.8 14.8#



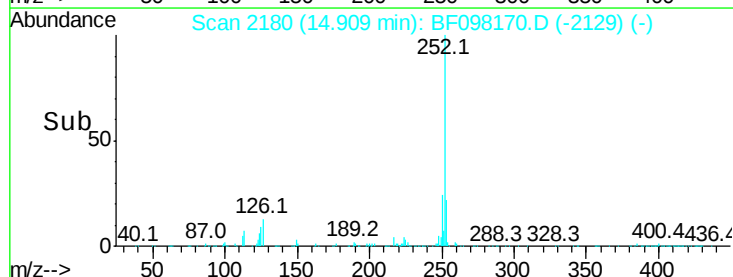
Abundance Ion 252.00 (251.70 to 252.70): E

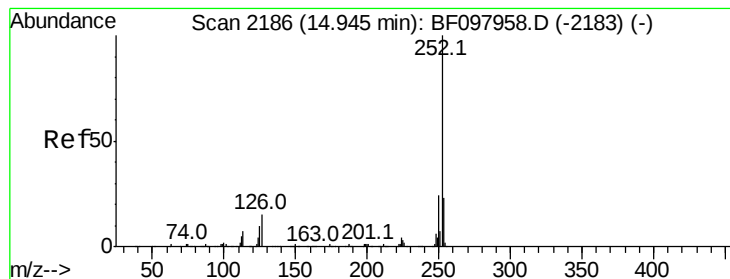
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

14.91

Time-->





#88

Benzo(k)fluoranthene

Concen: 35.125 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampled :

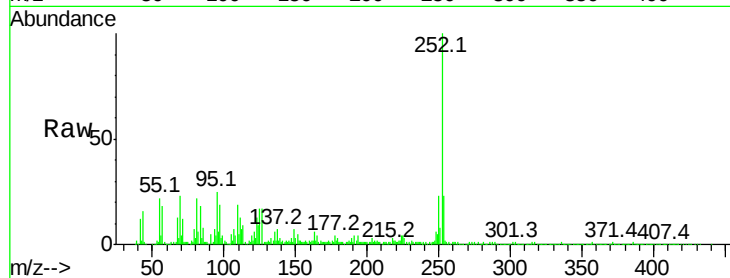
Tot Ion:252 Resp: 404362

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

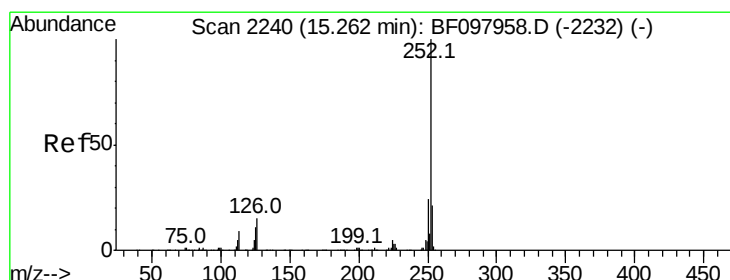
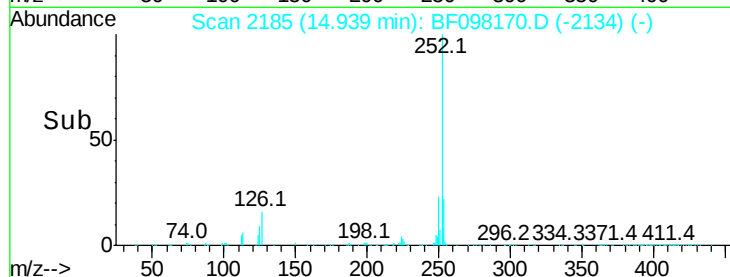
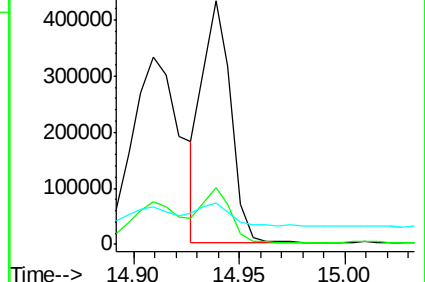
125 17.1 13.1 19.7



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: 43.299 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

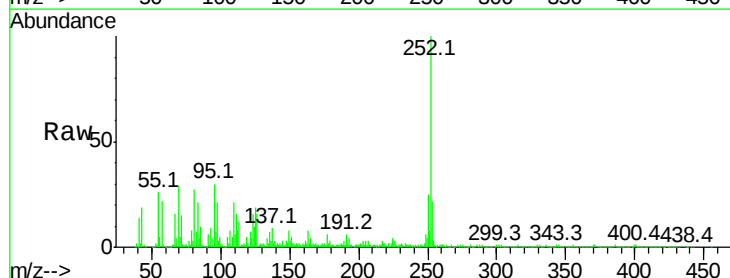
Tgt Ion:252 Resp: 469686

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

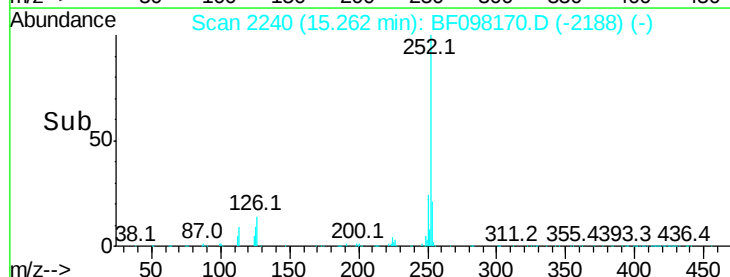
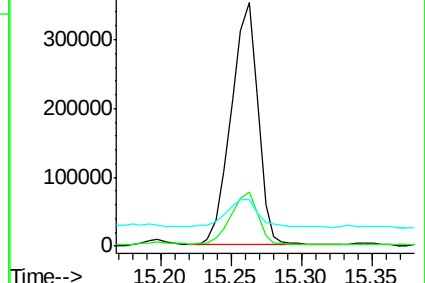
125 19.0 11.0 16.4#

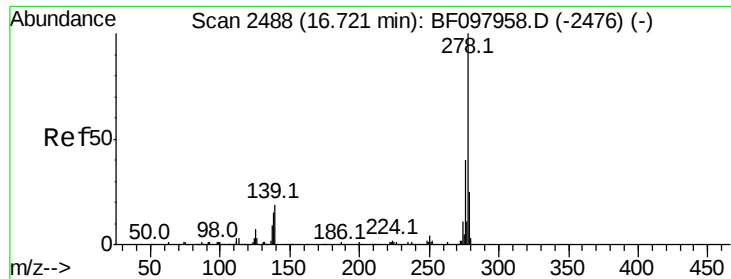


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 49.369 ng

RT: 16.72 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

Instrument :

BNA_F

ClientSampleId :

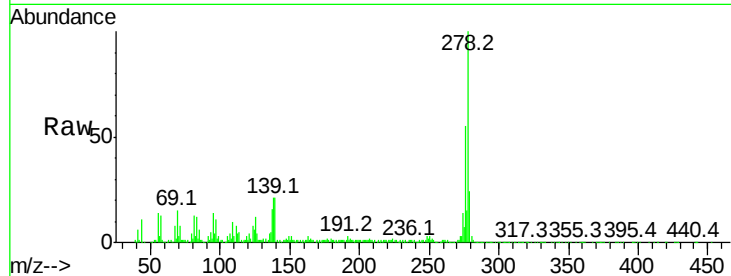
Tot Ion:278 Resp: 435984

Ion Ratio Lower Upper

278 100

139 21.1 16.6 24.8

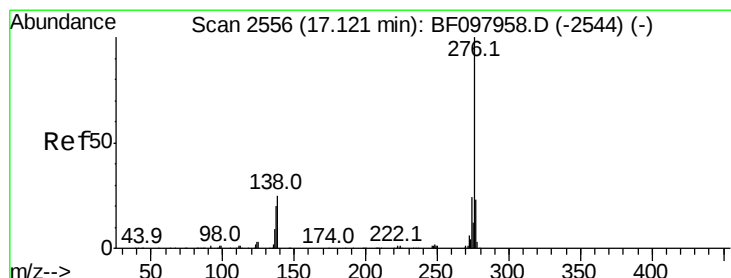
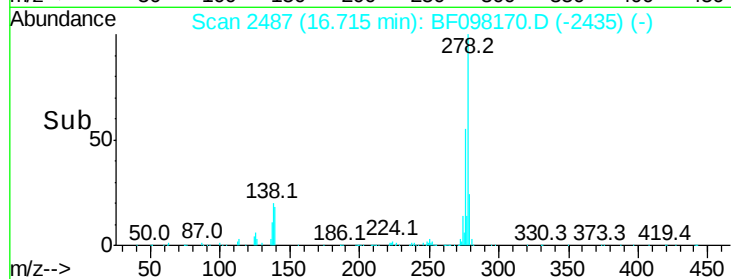
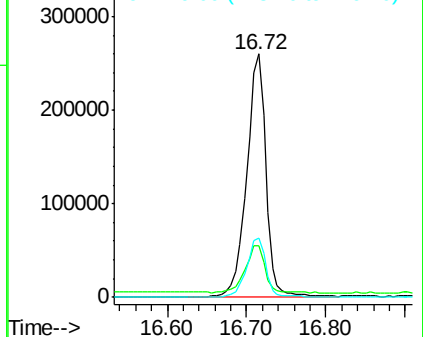
279 24.4 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 47.959 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF098170.D

Acq: 30 Aug 2017 21:58

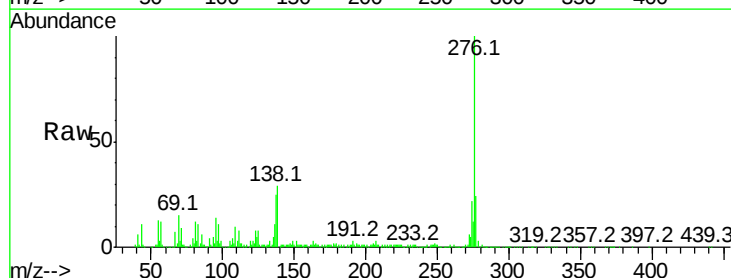
Tgt Ion:276 Resp: 441930

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 28.7 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

