

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
 Data File : BF098257.D
 Acq On : 2 Sep 2017 20:32
 Operator : SJ/JU
 Sample : I5066-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 07:26:44 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	6.71	152	103273	20.00	ng	-0.04
21) Naphthalene-d8	7.99	136	382381	20.00	ng	-0.04
38) Acenaphthene-d10	9.75	164	147724	20.00	ng	-0.04
63) Phenanthrene-d10	11.23	188	242776	20.00	ng	-0.04
75) Chrysene-d12	13.87	240	230054	20.00	ng	-0.03
86) Perylene-d12	15.28	264	219305	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	798848	117.66	ng	-0.02
7) Phenol-d6	6.36	99	1070931	116.09	ng	-0.02
23) Nitrobenzene-d5	7.28	82	649163	92.23	ng	-0.04
41) 2,4,6-Tribromophenol	10.54	330	154301	120.38	ng	-0.04
44) 2-Fluorobiphenyl	9.07	172	858273	85.36	ng	-0.04
78) Terphenyl-d14	12.82	244	619506	56.16	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	117730	31.093	ng	90
3) Pyridine	3.10	79	341999	32.672	ng	# 85
4) n-Nitrosodimethylamine	3.05	42	131795	32.722	ng	# 71
6) Aniline	6.37	93	341941	26.386	ng	# 13
8) 2-Chlorophenol	6.50	128	277897	38.811	ng	95
9) Benzaldehyde	6.26	77	93769	16.048	ng	90
10) Phenol	6.37	94	393354	36.459	ng	89
11) bis(2-Chloroethyl)ether	6.45	93	319185	39.197	ng	97
12) 1,3-Dichlorobenzene	6.65	146	266720	34.631	ng	# 94
13) 1,4-Dichlorobenzene	6.73	146	275161	35.128	ng	# 93
14) 1,2-Dichlorobenzene	6.88	146	255342	35.353	ng	99
15) Benzyl Alcohol	6.86	79	258906	37.487	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	385856	35.217	ng	85
17) 2-Methylphenol	6.98	107	244188	38.699	ng	94
18) Hexachloroethane	7.22	117	102928	33.515	ng	# 81
19) n-Nitroso-di-n-propylamine	7.13	70	216887	34.345	ng	89
20) 3+4-Methylphenols	7.13	107	300187	38.951	ng	# 81
22) Acetophenone	7.13	105	399773	39.575	ng	# 87
24) Nitrobenzene	7.30	77	335836	42.851	ng	93
25) Isophorone	7.54	82	581248	39.713	ng	98
26) 2-Nitrophenol	7.62	139	136540	48.078	ng	# 84
27) 2,4-Dimethylphenol	7.66	122	242949	39.801	ng	93
28) bis(2-Chloroethoxy)methane	7.75	93	386306	40.147	ng	98
29) 2,4-Dichlorophenol	7.86	162	206132	40.681	ng	92
30) 1,2,4-Trichlorobenzene	7.94	180	207187	36.885	ng	99
31) Naphthalene	8.02	128	754390	38.002	ng	100
32) Benzoic acid	7.73	122	9979	8.349	ng	95
33) 4-Chloroaniline	8.07	127	217306	25.956	ng	99
34) Hexachlorobutadiene	8.13	225	115969	35.360	ng	98
35) Caprolactam	8.43	113	41654	24.181	ng	95
36) 4-Chloro-3-methylphenol	8.56	107	227151	34.892	ng	# 82
37) 2-Methylnaphthalene	8.71	142	455837	37.454	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	181873	40.117	ng	99
40) Hexachlorocyclopentadiene	8.86	237	64649	29.683	ng	99

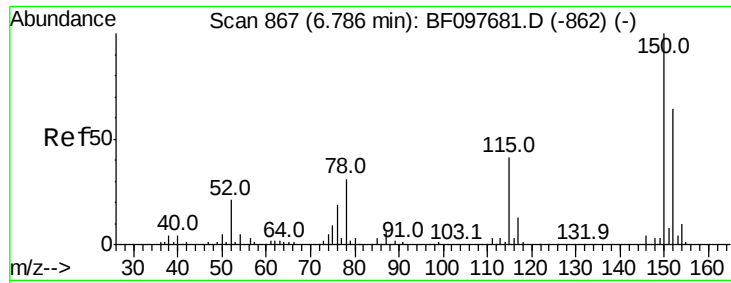
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090217\
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 Acq On : 2 Sep 2017 20:32
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	123851	40.690	nq	100
43) 2,4,5-Trichlorophenol	9.03	196	128109	42.426	nq	95
45) 1,1'-Biphenyl	9.17	154	517217	38.395	nq	94
46) 2-Chloronaphthalene	9.20	162	371662	37.340	nq	94
47) 2-Nitroaniline	9.30	65	140377	42.069	nq	93
48) Acenaphthylene	9.61	152	608011	38.899	nq	100
49) Dimethylphthalate	9.47	163	541901	50.184	nq	99
50) 2,6-Dinitrotoluene	9.54	165	94130	43.671	nq #	72
51) Acenaphthene	9.78	154	350123	35.517	nq	98
52) 3-Nitroaniline	9.70	138	88447	31.805	nq	84
53) 2,4-Dinitrophenol	9.82	184	14907	22.838	nq #	75
54) Dibenzofuran	9.95	168	521295	39.457	nq	99
55) 4-Nitrophenol	9.88	139	127393	57.426	nq #	42
56) 2,4-Dinitrotoluene	9.95	165	111301	41.147	nq #	59
57) Fluorene	10.29	166	391423	38.320	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.07	232	90466	38.696	nq	93
59) Diethylphthalate	10.17	149	436486	38.654	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	178610	37.638	nq	89
61) 4-Nitroaniline	10.32	138	93820	35.497	nq	75
62) Azobenzene	10.45	77	472066	35.194	nq	93
64) 4,6-Dinitro-2-methylphenol	10.35	198	22557	24.620	nq	83
65) n-Nitrosodiphenylamine	10.41	169	335118	40.536	nq	98
66) 4-Bromophenyl-phenylether	10.77	248	100126	39.716	nq	98
67) Hexachlorobenzene	10.85	284	96304	37.478	nq	96
68) Atrazine	10.94	200	98794	45.061	nq	98
69) Pentachlorophenol	11.04	266	87700	58.535	nq	97
70) Phenanthrene	11.26	178	775720	59.962	nq	99
71) Anthracene	11.30	178	566839	43.200	nq	100
72) Carbazole	11.46	167	531227	42.651	nq	98
73) Di-n-butylphthalate	11.80	149	600034	41.825	nq	99
74) Fluoranthene	12.45	202	917205	67.926	nq	99
76) Benzidine	12.57	184	316507	41.961	nq #	91
77) Pyrene	12.67	202	872272	46.359	nq	98
79) Butylbenzylphthalate	13.29	149	269647	37.378	nq #	77
80) Benzo(a)anthracene	13.86	228	683608	49.580	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	177694	38.192	nq #	96
82) Chrysene	13.90	228	643095	46.887	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	368822	46.138	nq #	99
84) Di-n-octyl phthalate	14.46	149	710684	51.095	nq	97
85) Indeno(1,2,3-cd)pyrene	16.66	276	463435	45.930	nq	95
87) Benzo(b)fluoranthene	14.88	252	772368	55.874	nq	99
88) Benzo(k)fluoranthene	14.97	252	41427	3.190	nq	94
89) Benzo(a)pyrene	15.23	252	611622	49.979	nq	99
90) Dibenzo(a,h)anthracene	16.67	278	350361	35.167	nq	96
91) Benzo(g,h,i)perylene	17.07	276	364665	35.079	nq #	92

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

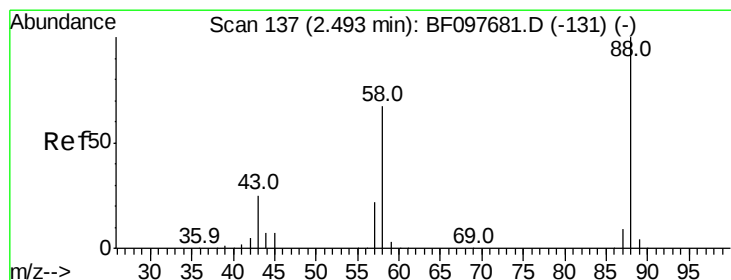
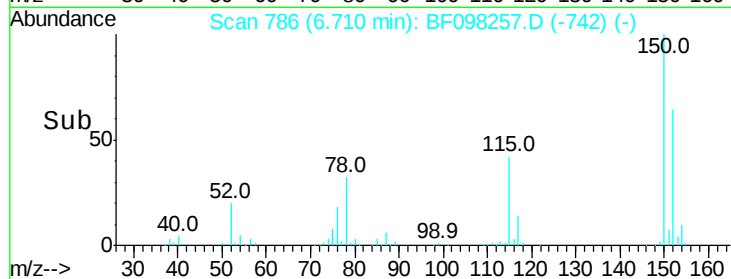
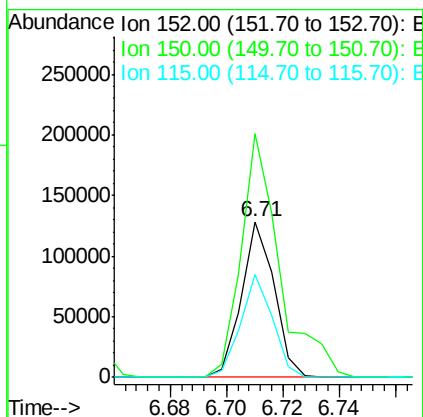
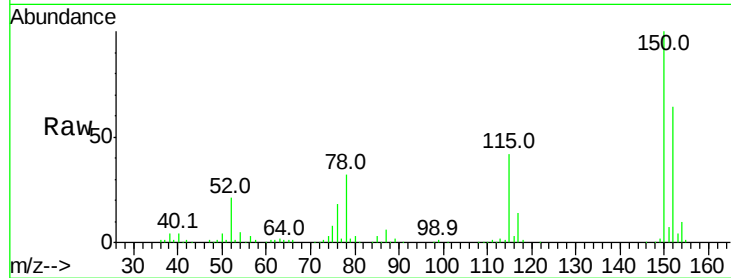


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :

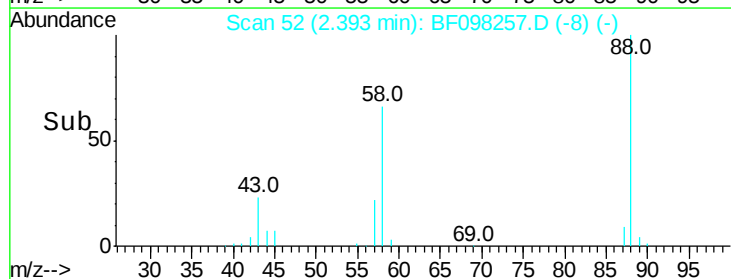
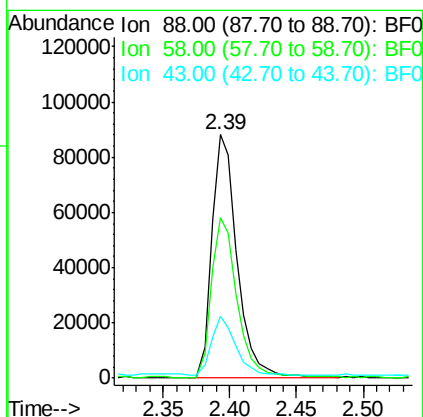
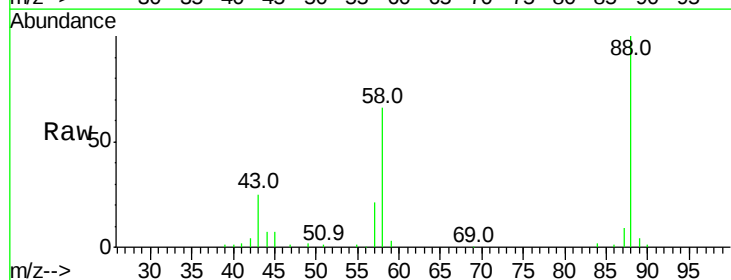
Tot Ion:152 Resp: 103273
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 65.7 52.2 78.2

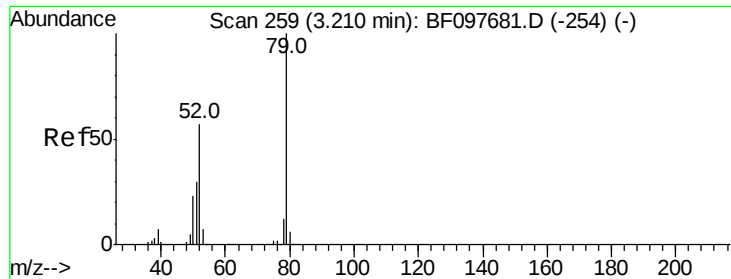


#2

1,4-Dioxane
Concen: 31.093 ng
RT: 2.39 min Scan# 52
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion: 88 Resp: 117730
Ion Ratio Lower Upper
88 100
58 68.1 61.4 92.0
43 23.4 23.4 35.0





#3

Pvridine

Concen: 32.672 ng

RT: 3.10 min Scan# 172

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampleId :

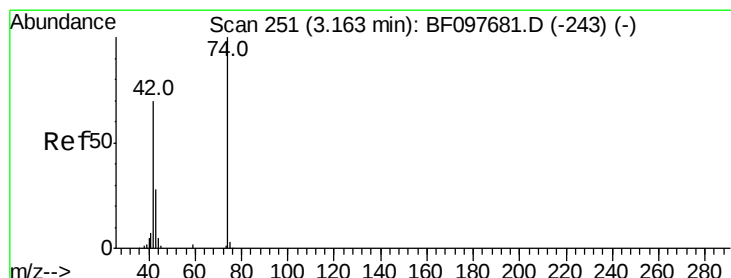
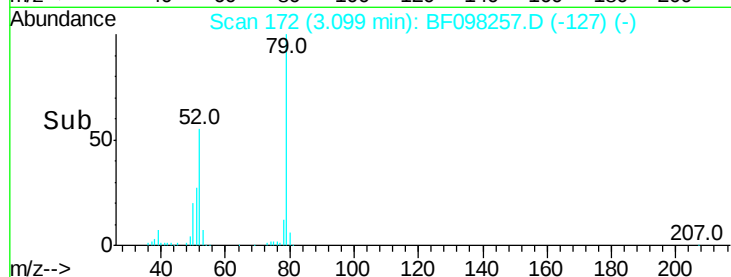
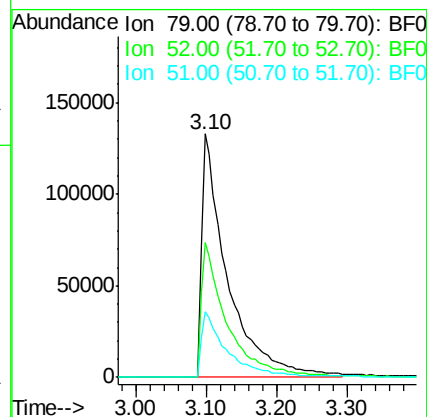
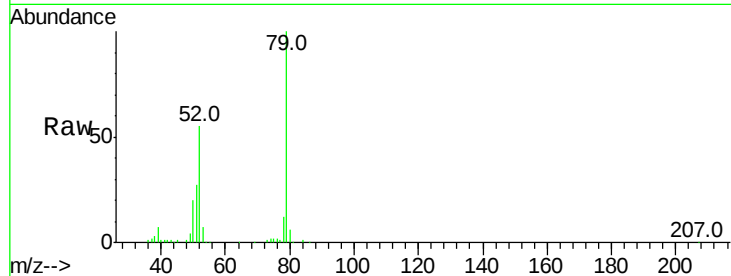
Tot Ion: 79 Resp: 341999

Ion Ratio Lower Upper

79 100

52 55.5 54.8 82.2

51 26.8 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 32.722 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.05 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

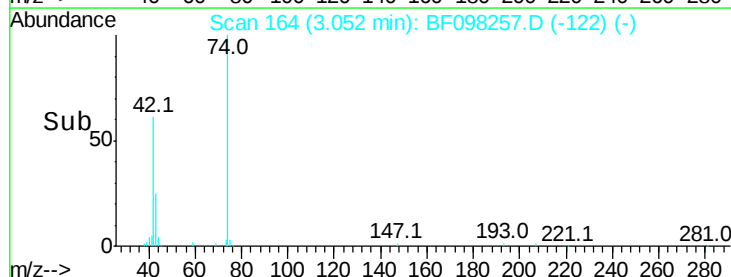
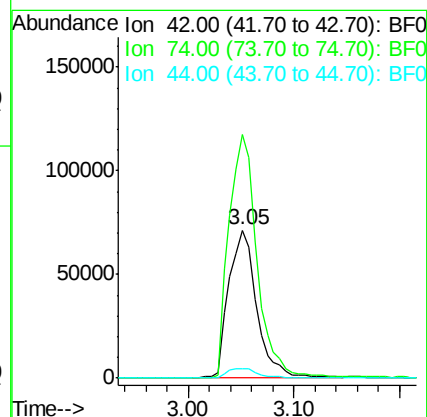
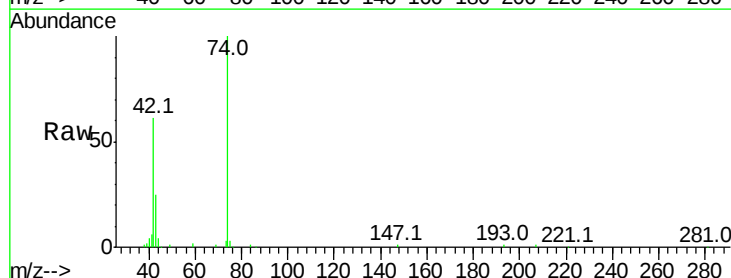
Tgt Ion: 42 Resp: 131795

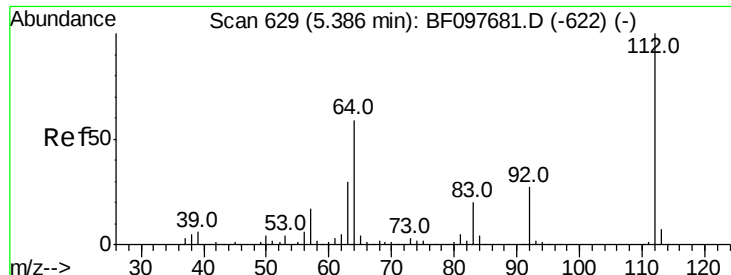
Ion Ratio Lower Upper

42 100

74 164.9 103.9 155.9#

44 6.2 5.7 8.5





#5

2-Fluorophenol

Concen: 117.660 ng

RT: 5.33 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampled :

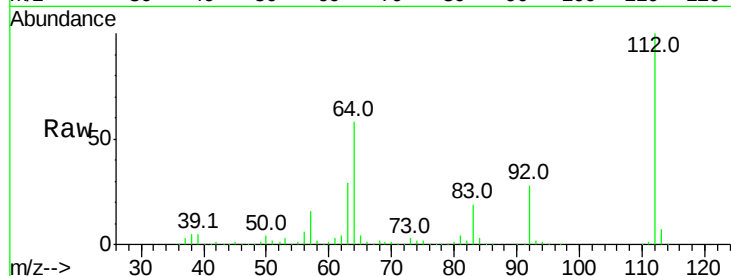
Tot Ion:112 Resp: 798848

Ion Ratio Lower Upper

112 100

64 57.8 46.0 69.0

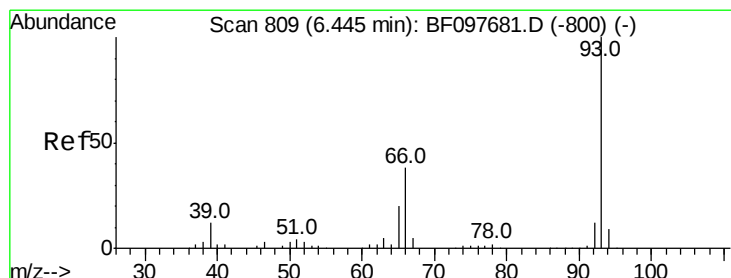
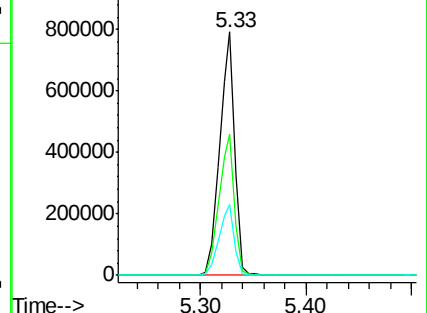
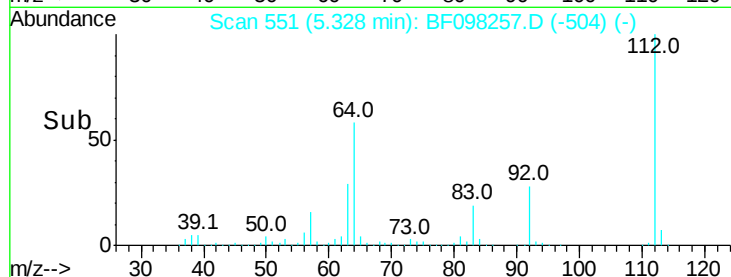
63 29.2 23.4 35.0



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: 26.386 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

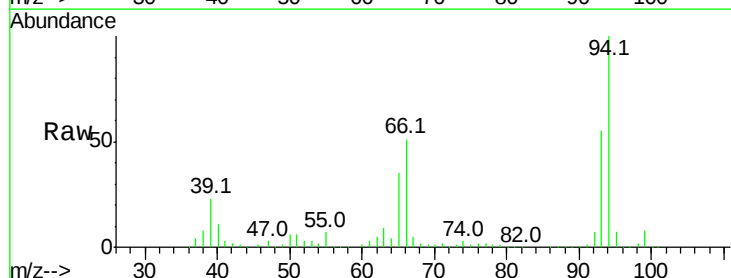
Tgt Ion: 93 Resp: 341941

Ion Ratio Lower Upper

93 100

66 93.8 32.9 49.3#

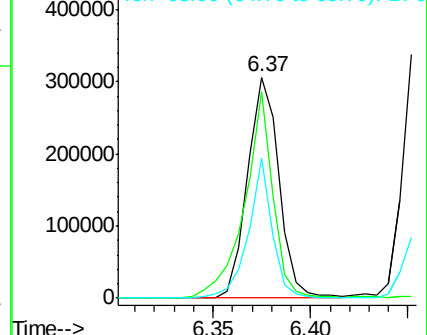
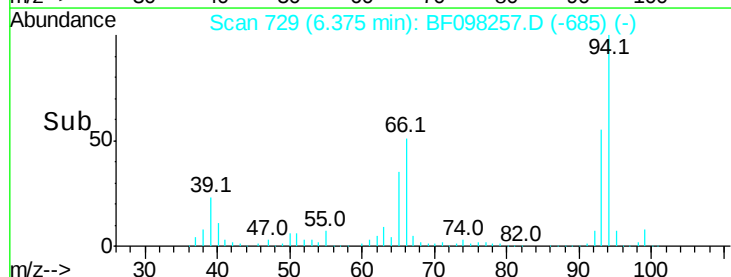
65 63.4 16.0 24.0#

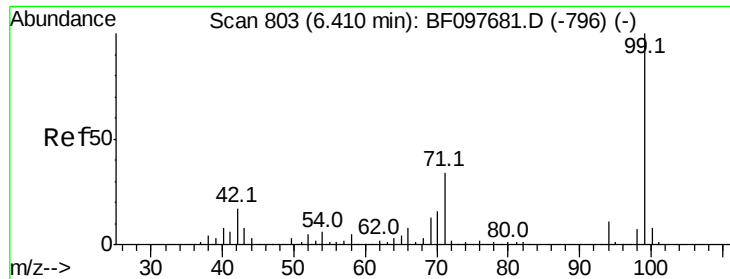


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.091 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampled :

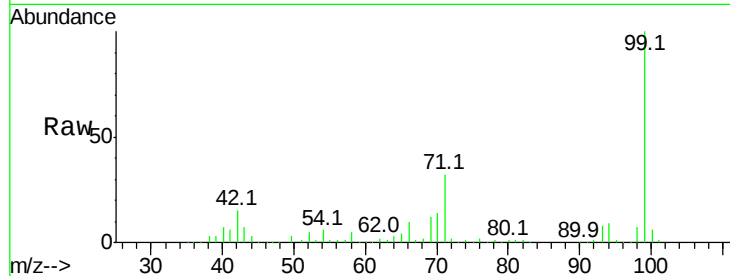
Tot Ion: 99 Resp: 1070931

Ion Ratio Lower Upper

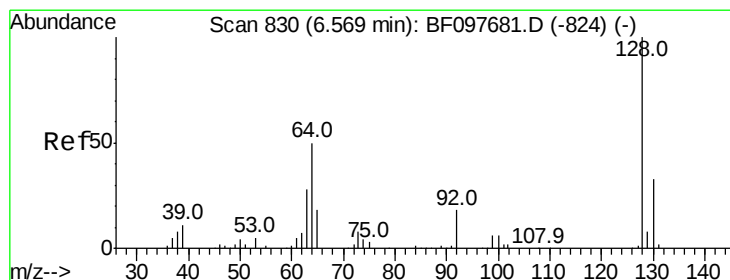
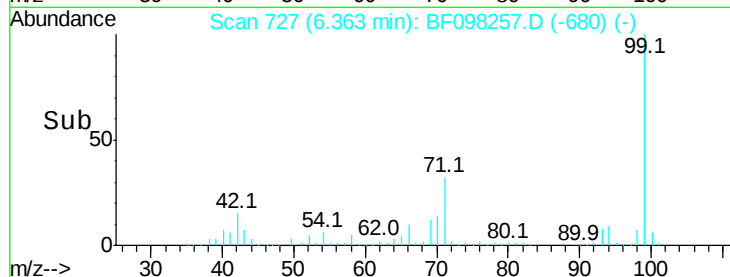
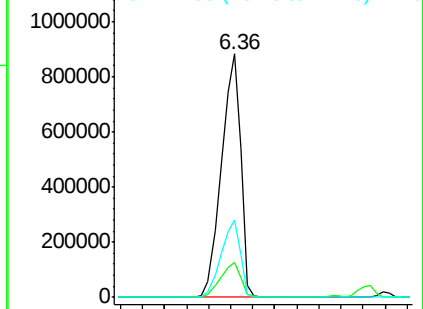
99 100

42 14.5 13.5 20.3

71 31.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.811 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

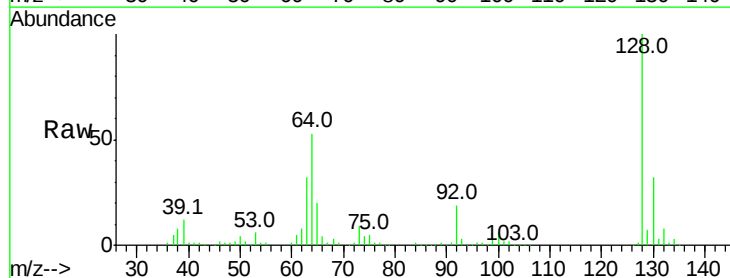
Tgt Ion: 128 Resp: 277897

Ion Ratio Lower Upper

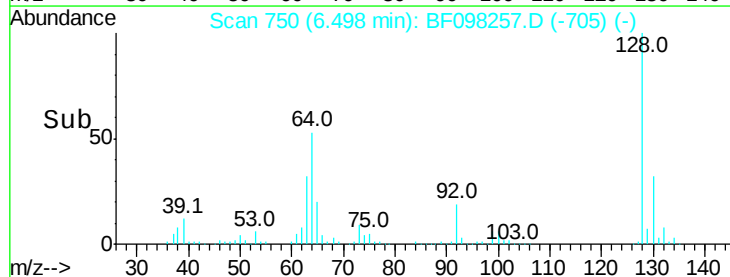
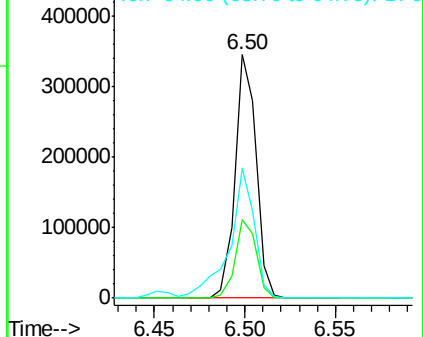
128 100

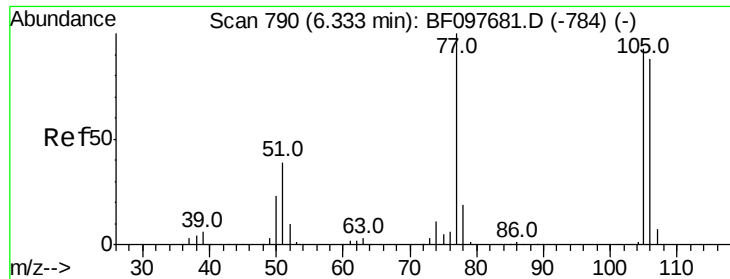
130 32.0 12.9 52.9

64 53.3 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: 16.048 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampled :

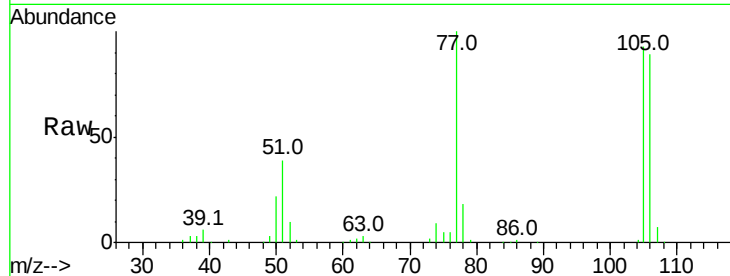
Tot Ion: 77 Resp: 93769

Ion Ratio Lower Upper

77 100

105 93.0 83.8 123.8

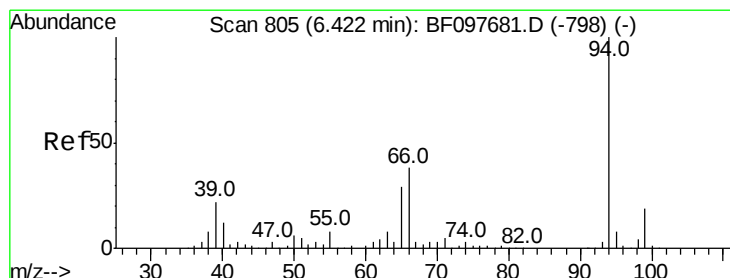
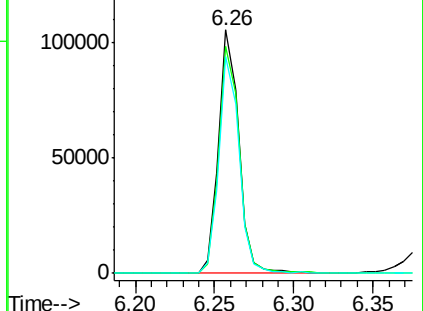
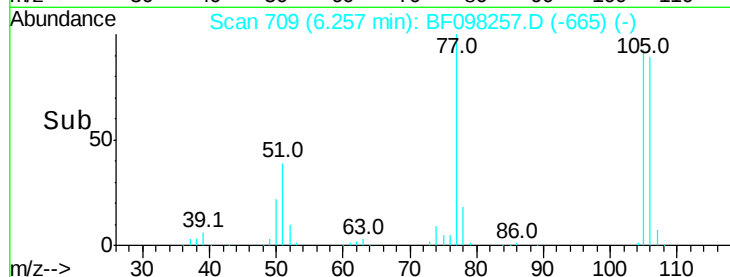
106 88.9 79.1 119.1



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: 36.459 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

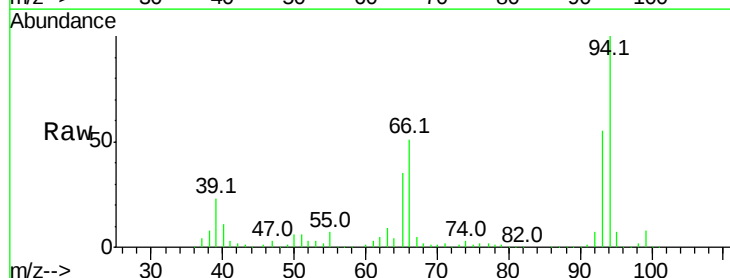
Tgt Ion: 94 Resp: 393354

Ion Ratio Lower Upper

94 100

65 34.8 9.9 49.9

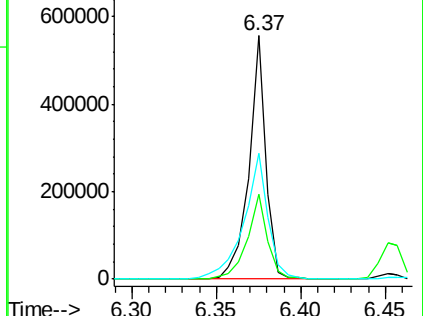
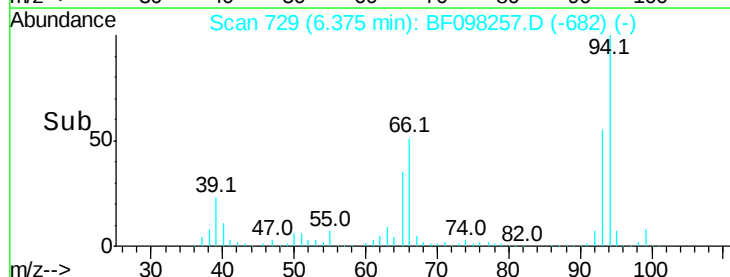
66 51.5 23.1 63.1



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

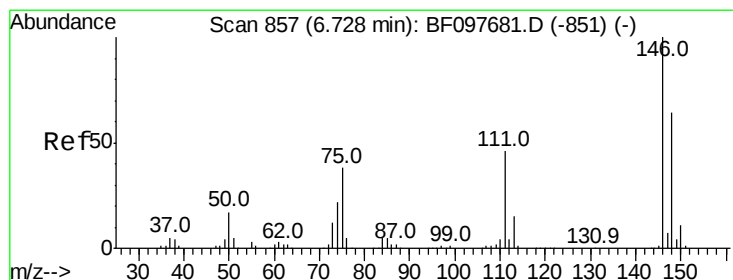
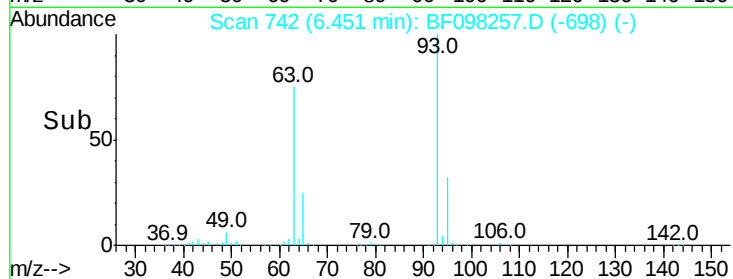
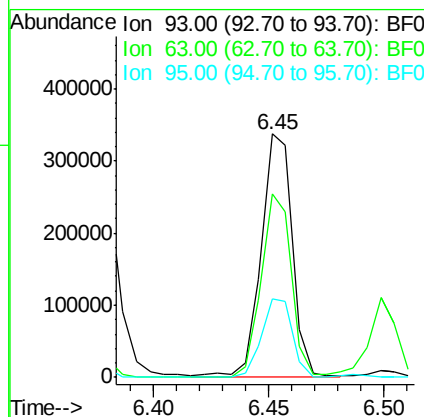
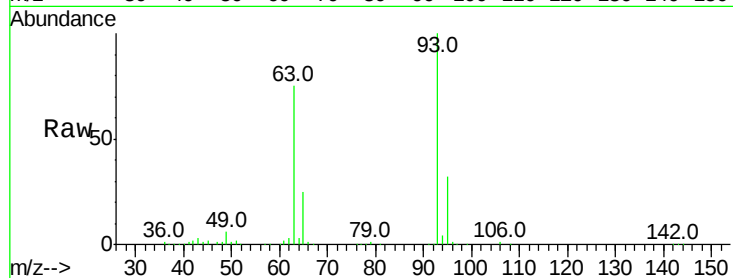




#11
 bis(2-Chloroethyl)ether
 Concen: 39.197 ng
 RT: 6.45 min Scan# 742
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

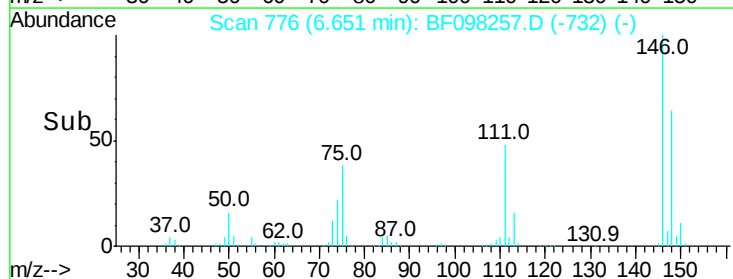
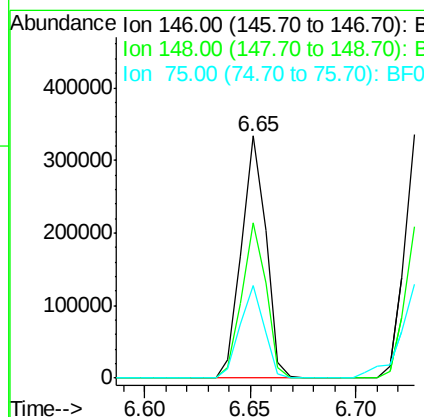
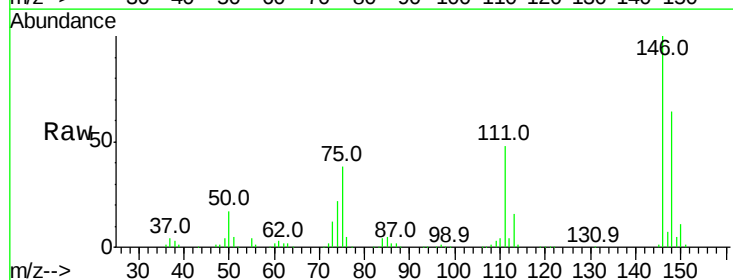
Instrument :
 BNA_F
 ClientSampleId :

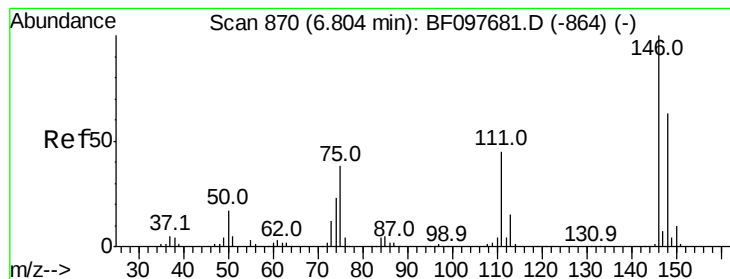
Tot Ion:	93	Resp:	319185
Ion	Ratio	Lower	Upper
93	100		
63	75.3	59.2	99.2
95	32.4	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 34.631 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion:	146	Resp:	266720
Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
75	38.2	23.1	34.7#





#13

1,4-Dichlorobenzene

Concen: 35.128 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampleId :

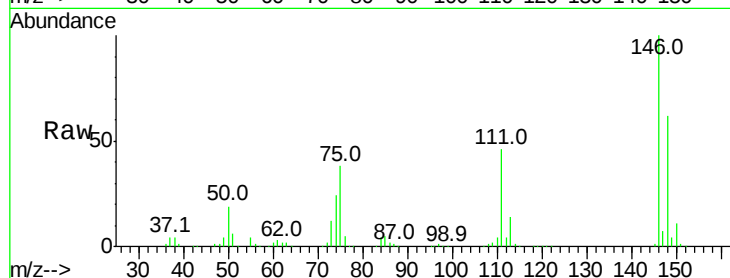
Tot Ion:146 Resp: 275161

Ion Ratio Lower Upper

146 100

148 62.4 52.2 78.2

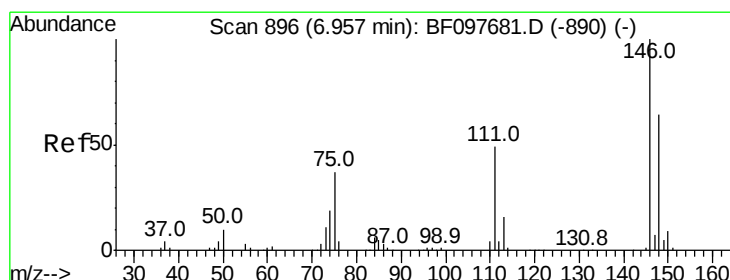
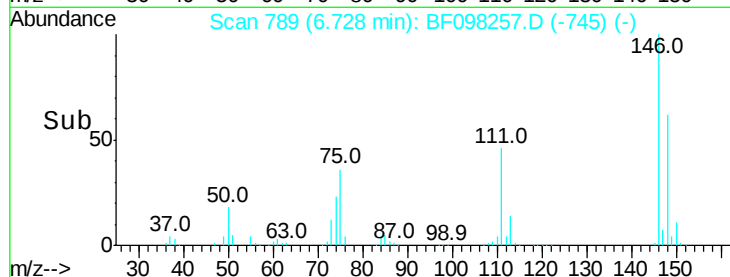
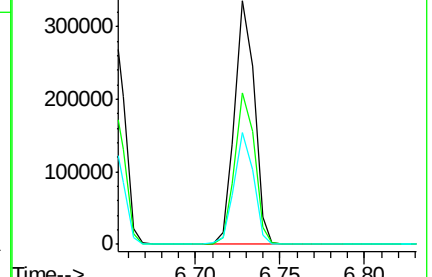
111 46.0 30.3 45.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.353 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

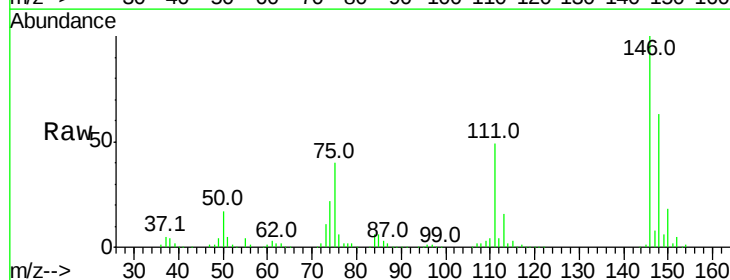
Tgt Ion:146 Resp: 255342

Ion Ratio Lower Upper

146 100

148 63.1 50.4 75.6

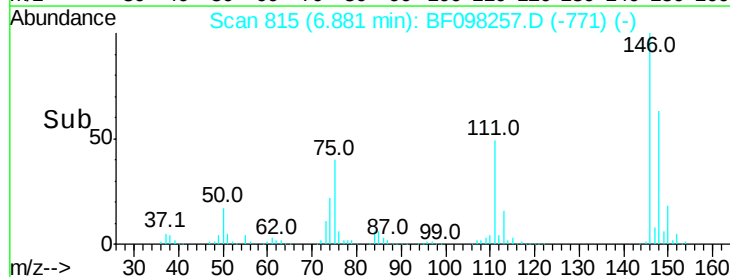
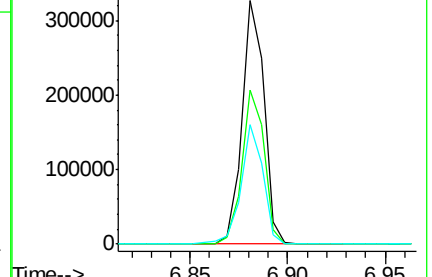
111 48.9 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.487 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampleId :

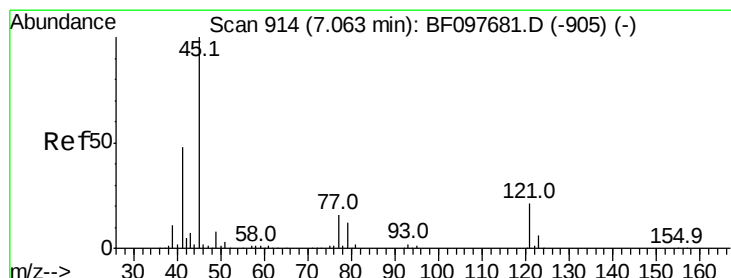
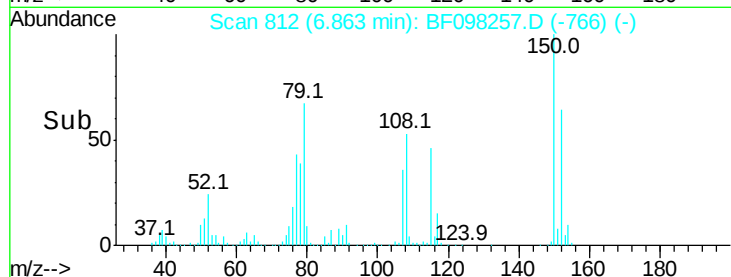
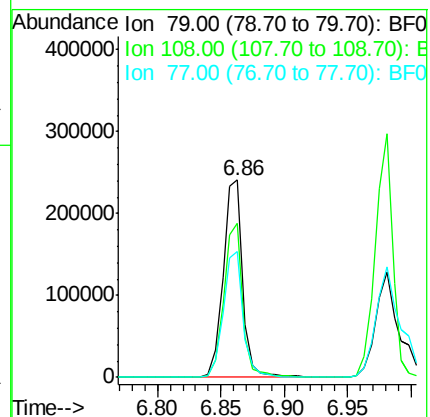
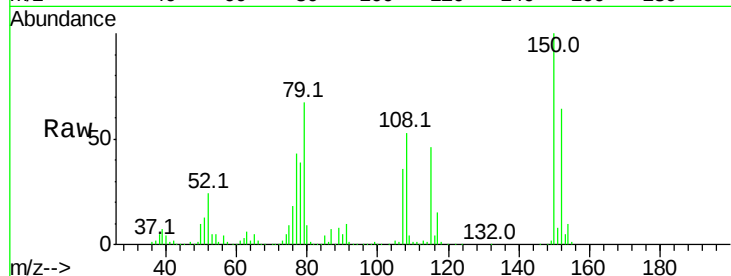
Tot Ion: 79 Resp: 258906

Ion Ratio Lower Upper

79 100

108 78.2 63.4 95.0

77 63.8 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.217 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

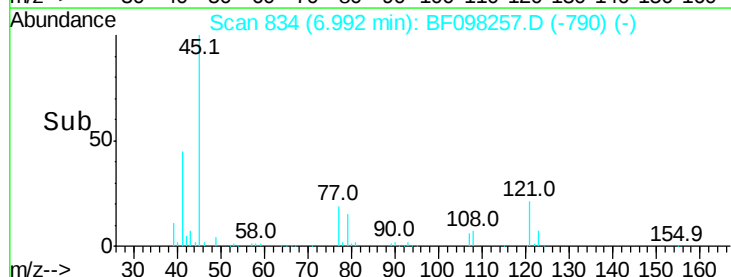
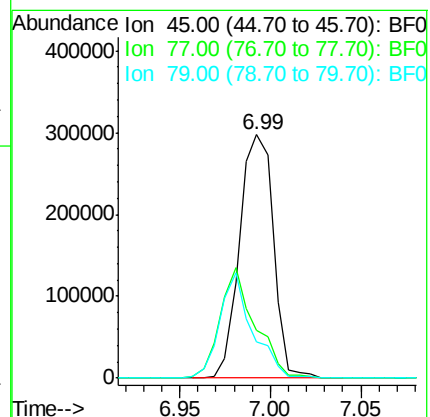
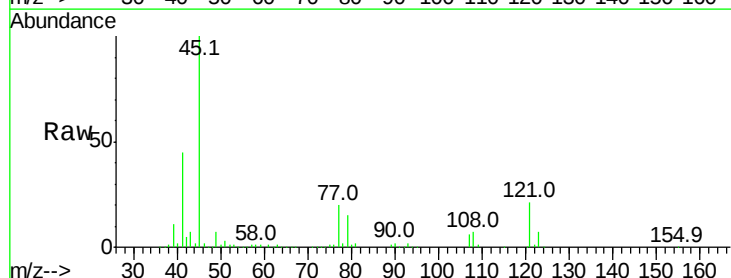
Tgt Ion: 45 Resp: 385856

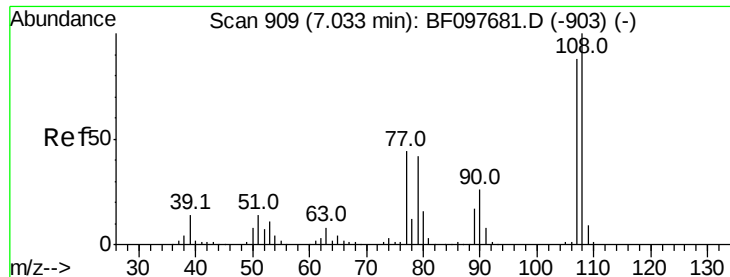
Ion Ratio Lower Upper

45 100

77 19.6 0.0 33.2

79 15.1 0.0 30.0

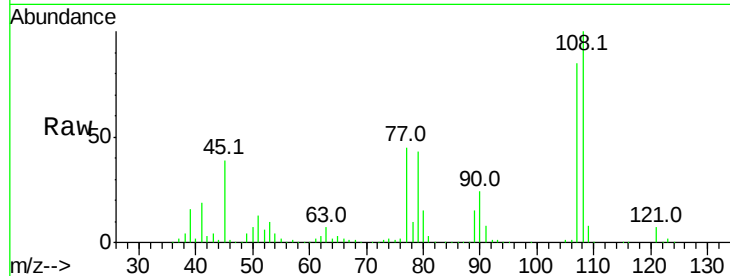




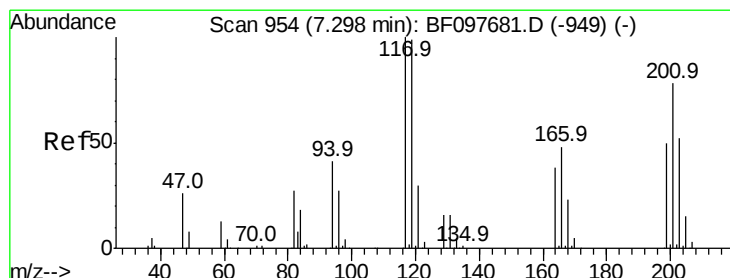
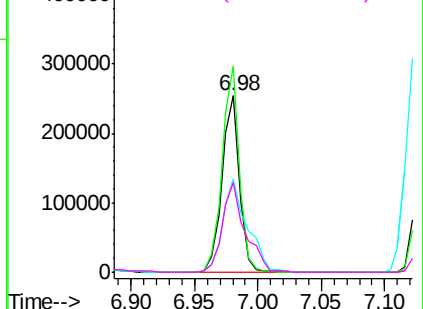
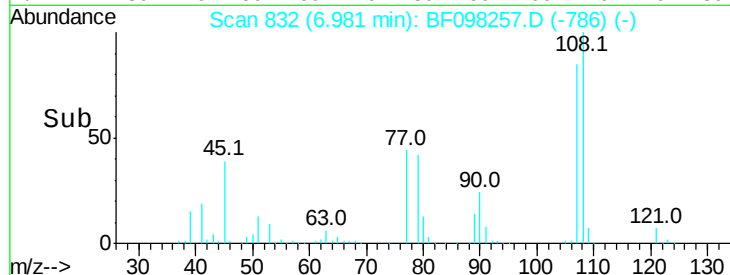
#17
2-Methylphenol
Concen: 38.699 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 244188
Ion Ratio Lower Upper
107 100
108 117.3 93.4 140.0
77 53.1 35.8 53.6
79 50.9 34.8 52.2

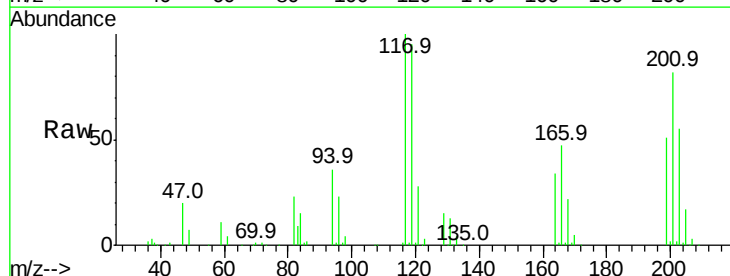


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

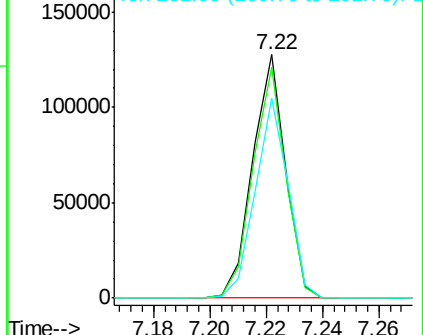
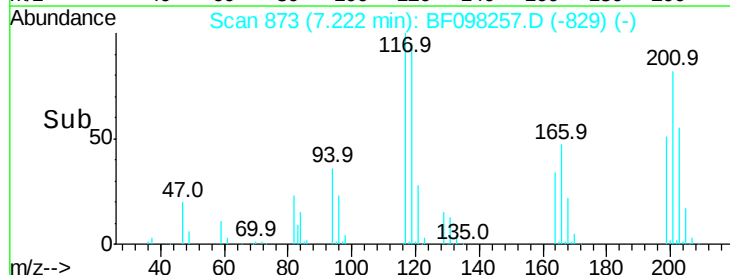


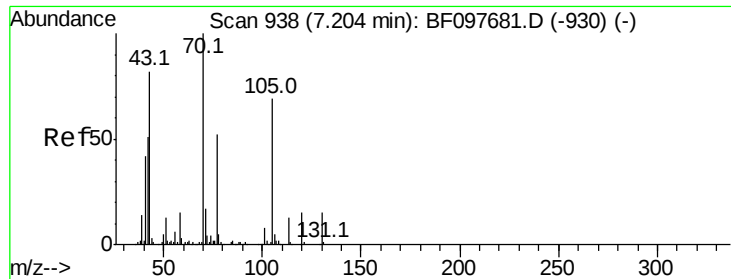
#18
Hexachloroethane
Concen: 33.515 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion:117 Resp: 102928
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
201 82.1 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

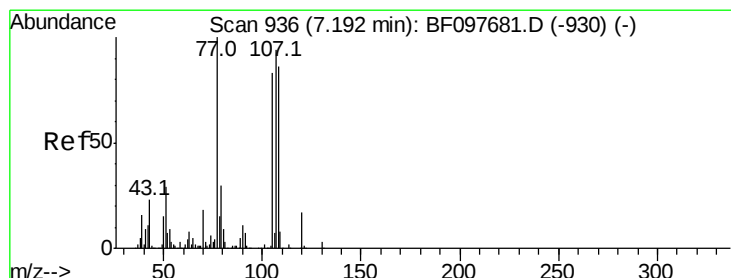
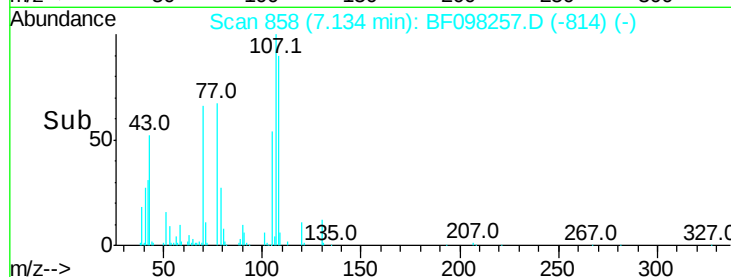
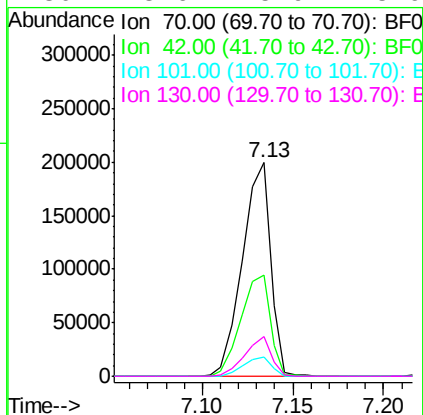
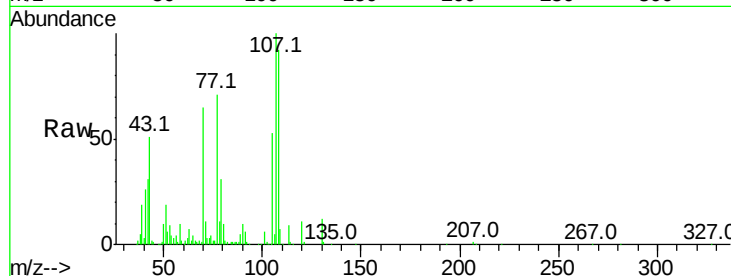




#19
n-Nitroso-di-n-propylamine
Concen: 34.345 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

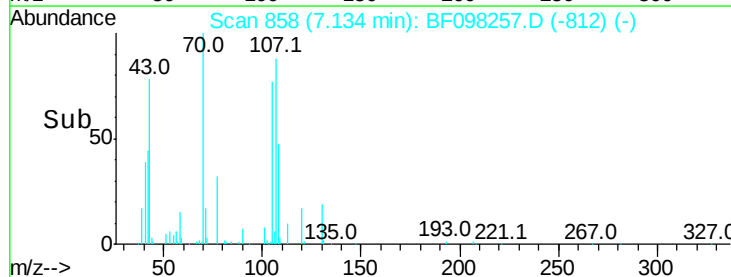
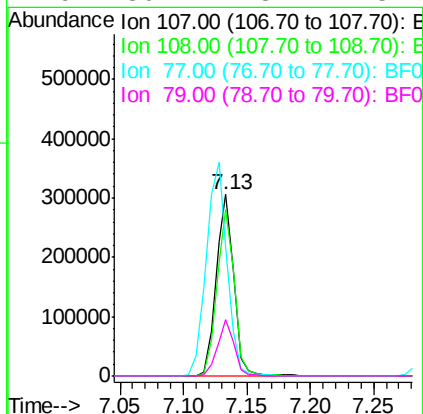
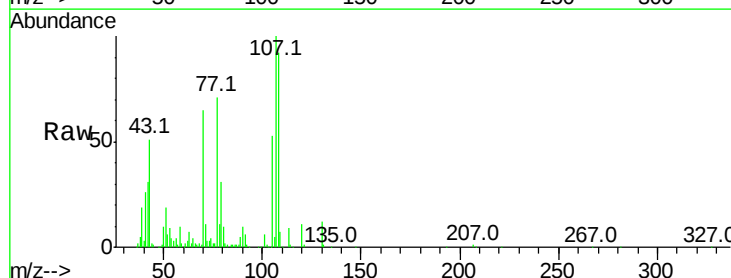
Instrument :
BNA_F
ClientSampleId :

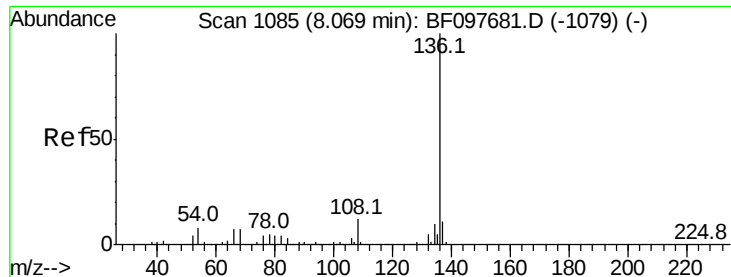
Tot Ion:	70	Resp:	216887
Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.2	70.8
101	8.9	7.2	10.8
130	18.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 38.951 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion:	107	Resp:	300187
Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.0	111.0
77	70.8	90.5	130.5#
79	30.7	8.4	48.4

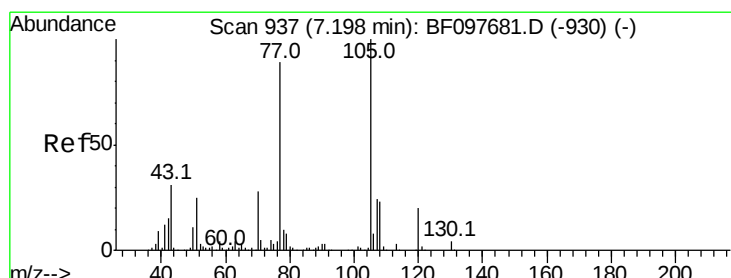
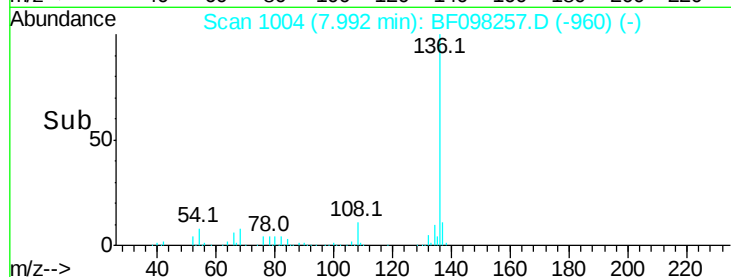
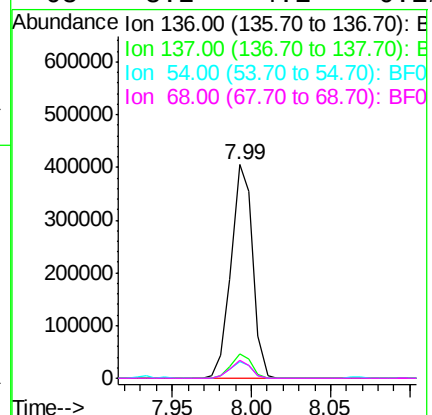
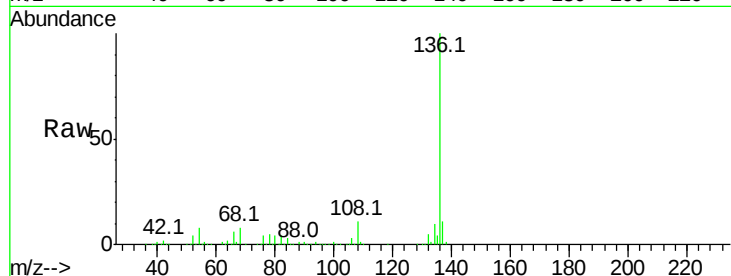




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

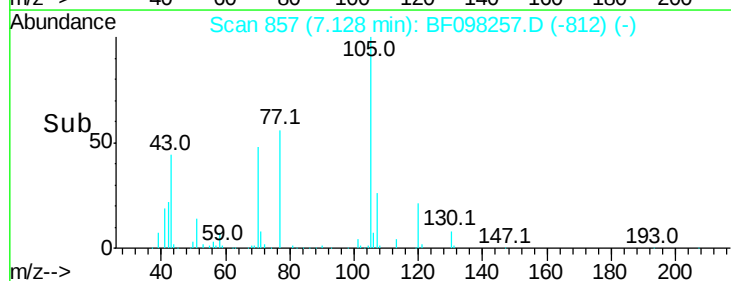
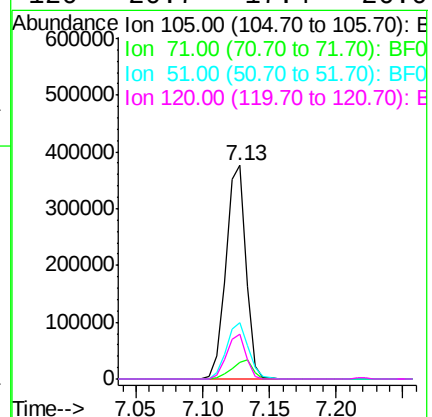
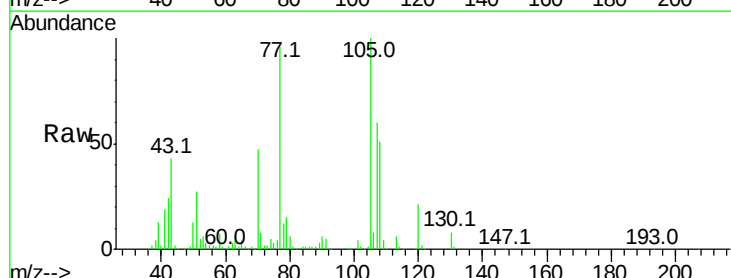
Instrument :
BNA_F
ClientSampleId :

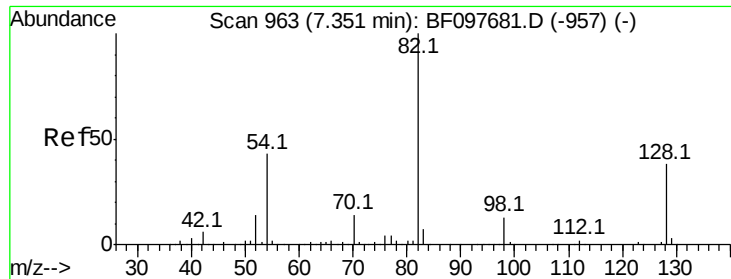
Tot Ion:136	Resp:	382381
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.5 12.7
54	8.1	4.9 7.3#
68	8.2	4.1 6.1#



#22
Acetophenone
Concen: 39.575 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion:105	Resp:	399773
Ion Ratio	Lower	Upper
105	100	
71	7.9	2.8 4.2#
51	26.6	30.7 46.1#
120	20.7	17.4 26.0

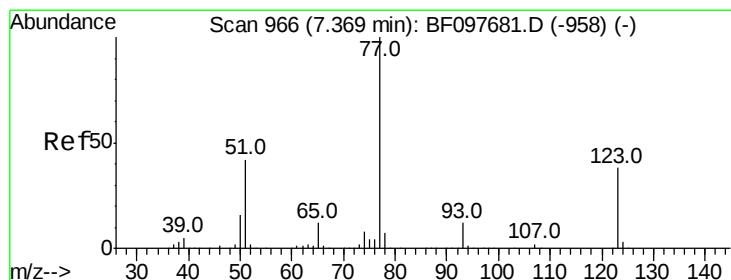
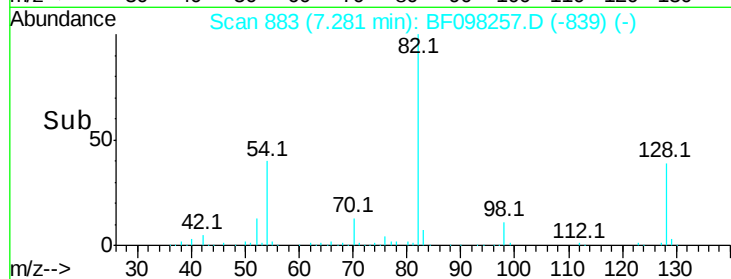
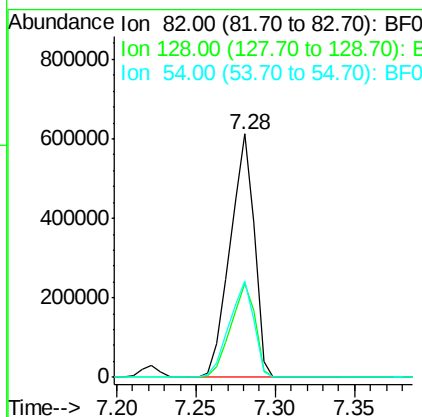
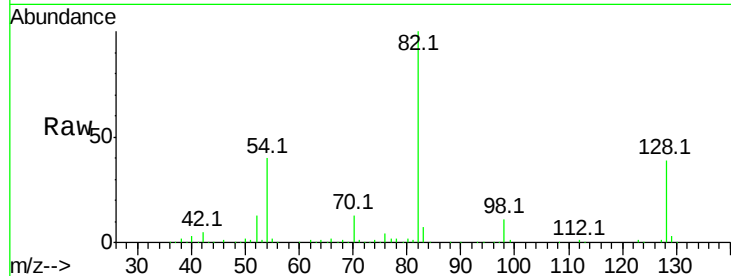




#23
 Nitrobenzene-d5
 Concen: 92.226 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

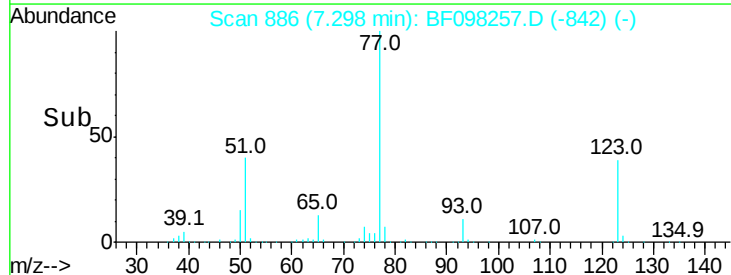
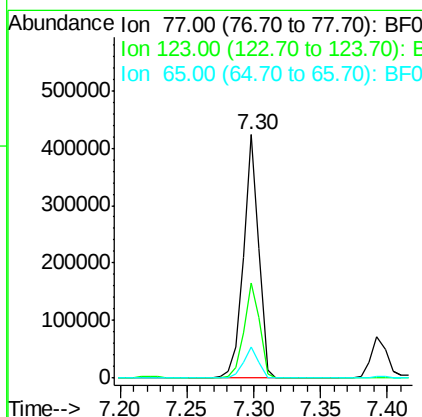
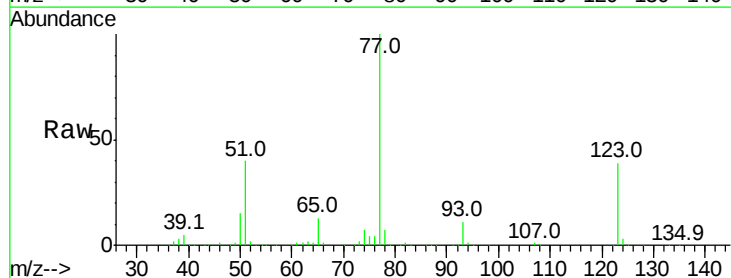
Instrument :
 BNA_F
 ClientSampleId :

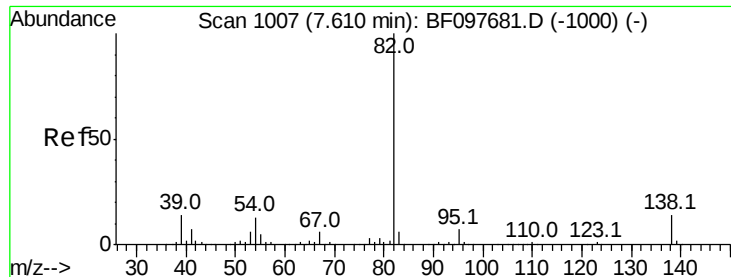
Tot Ion: 82 Resp: 649163
 Ion Ratio Lower Upper
 82 100
 128 38.8 34.0 51.0
 54 39.7 42.2 63.2#



#24
 Nitrobenzene
 Concen: 42.851 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion: 77 Resp: 335836
 Ion Ratio Lower Upper
 77 100
 123 39.0 35.8 53.8
 65 12.8 10.6 15.8





#25

Isophorone

Concen: 39.713 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampleId :

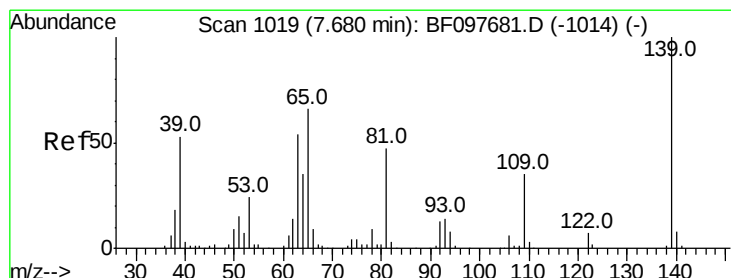
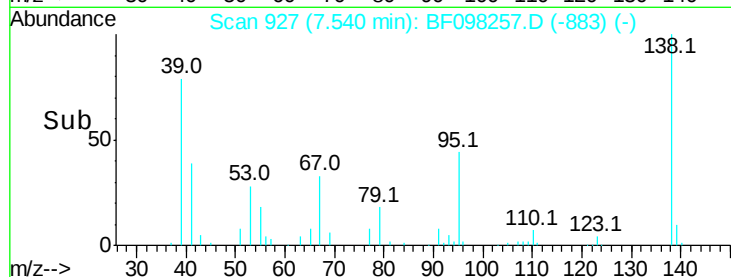
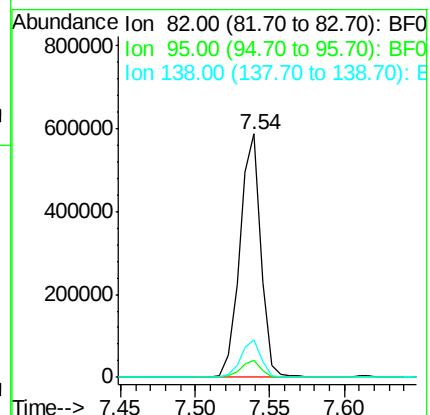
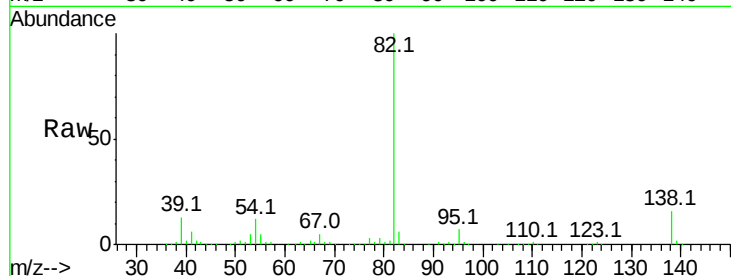
Tot Ion: 82 Resp: 581248

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 15.6 13.1 19.7



#26

2-Nitrophenol

Concen: 48.078 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

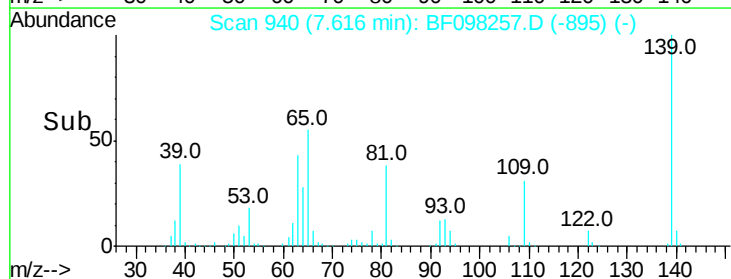
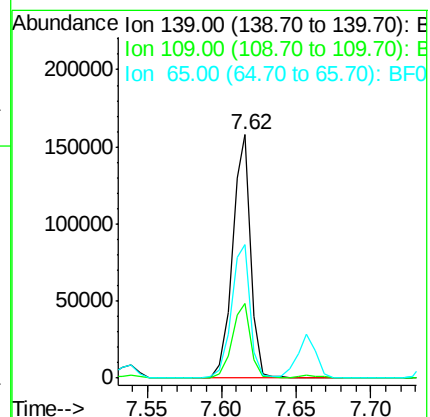
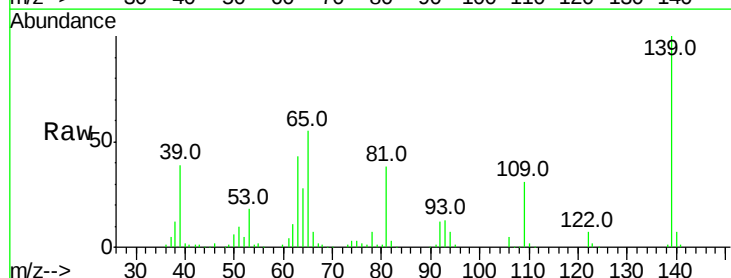
Tgt Ion: 139 Resp: 136540

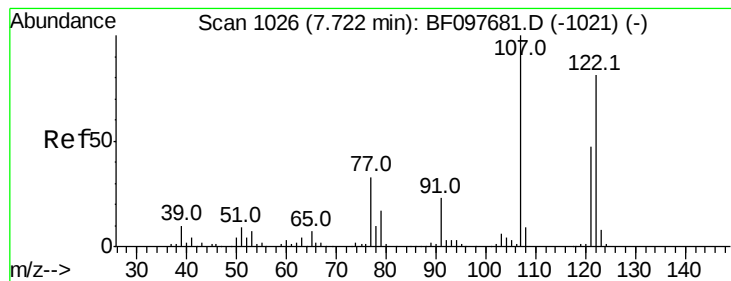
Ion Ratio Lower Upper

139 100

109 30.7 21.0 31.6

65 54.6 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.801 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampled :

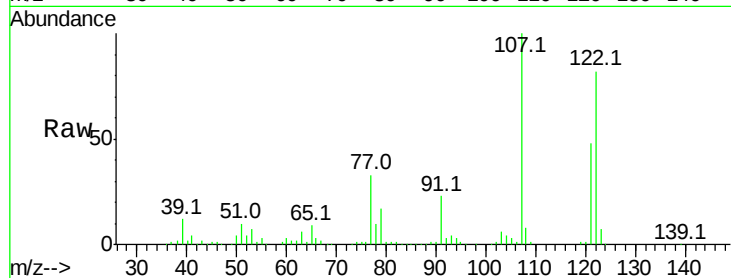
Tot Ion:122 Resp: 242949

Ion Ratio Lower Upper

122 100

107 121.4 89.2 133.8

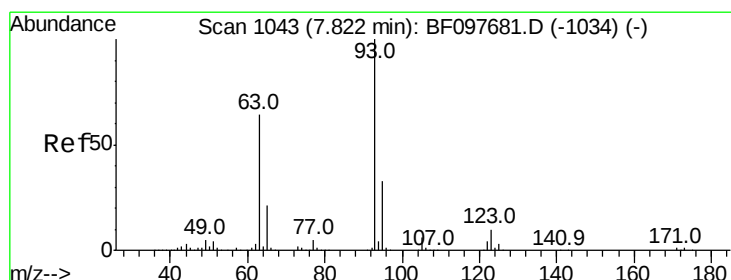
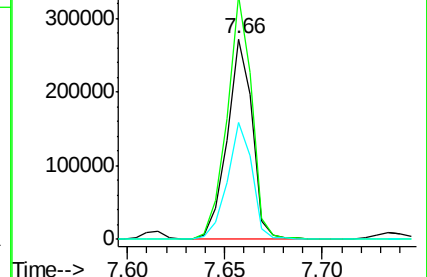
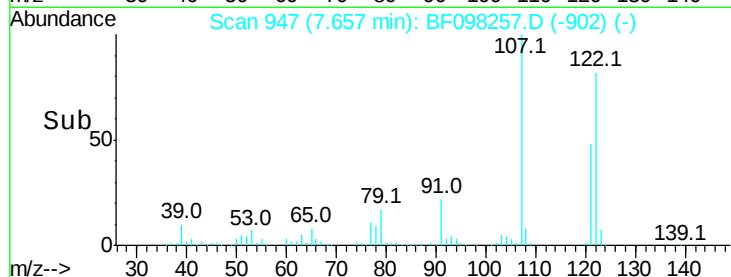
121 58.6 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.147 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

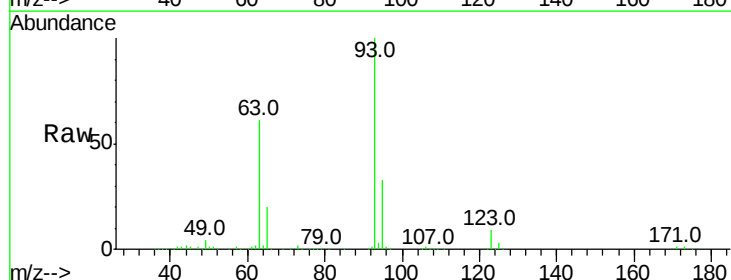
Tgt Ion: 93 Resp: 386306

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

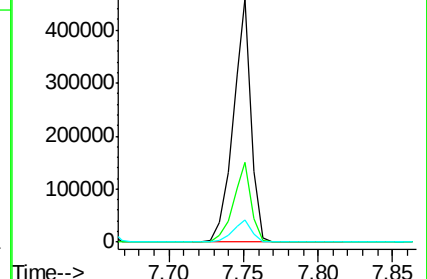
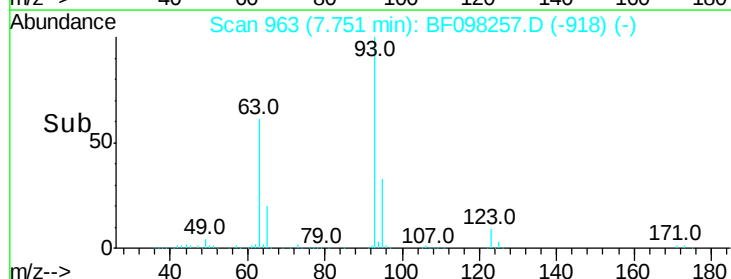
123 9.3 9.0 13.4

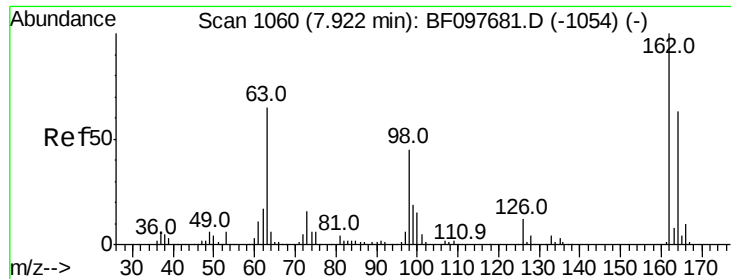


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

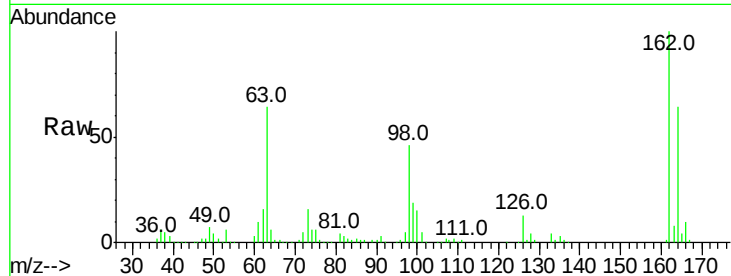




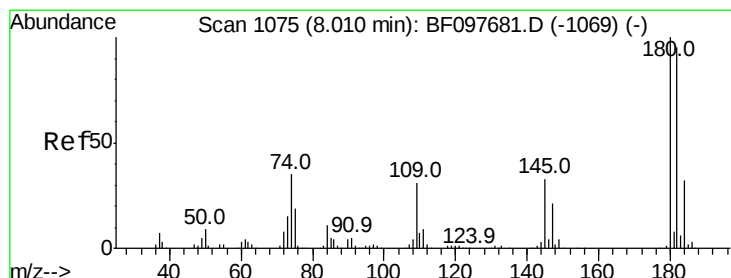
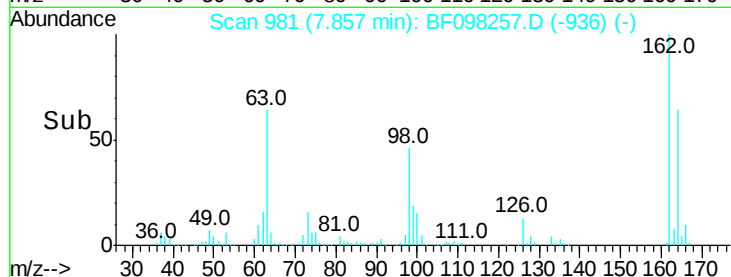
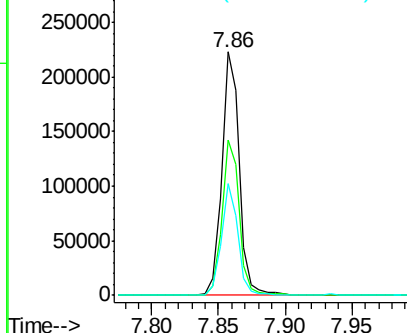
#29
 2,4-Dichlorophenol
 Concen: 40.681 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	45.9	14.8	54.8

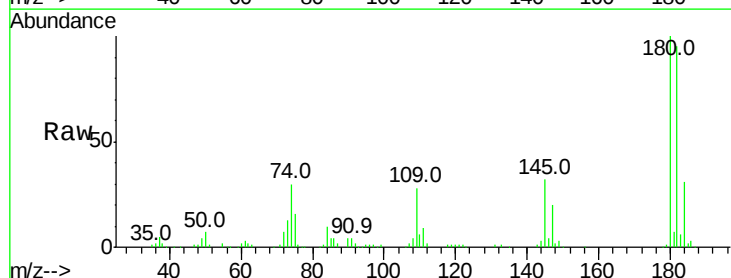


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

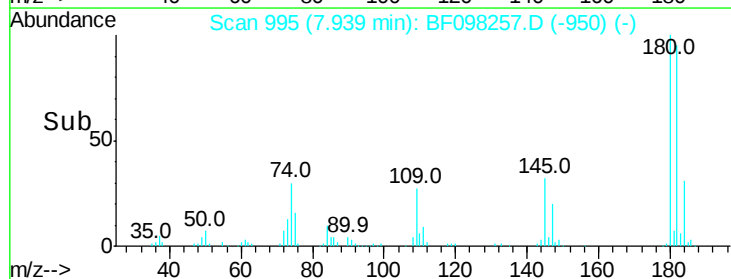
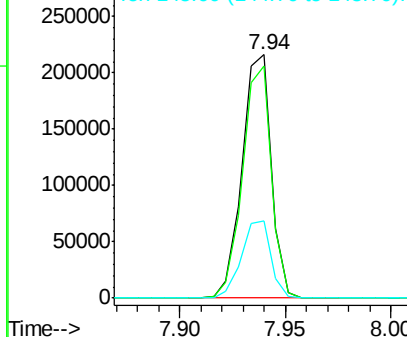


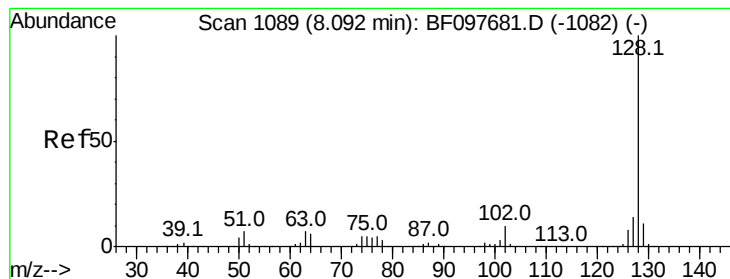
#30
 1,2,4-Trichlorobenzene
 Concen: 36.885 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.8	113.6
145	31.8	25.3	37.9



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





#31

Naphthalene

Concen: 38.002 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampled :

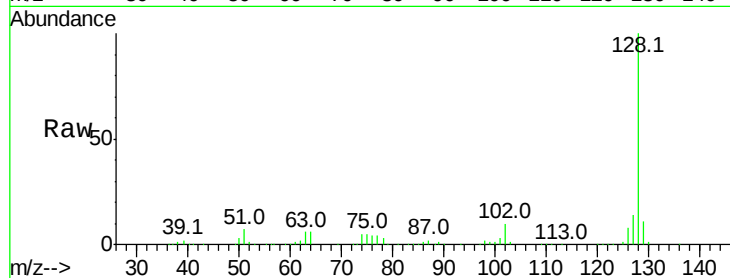
Tot Ion:128 Resp: 754390

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

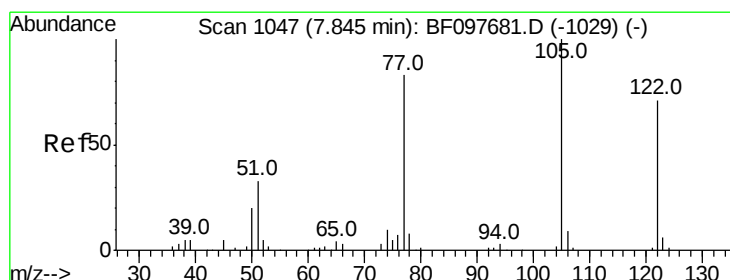
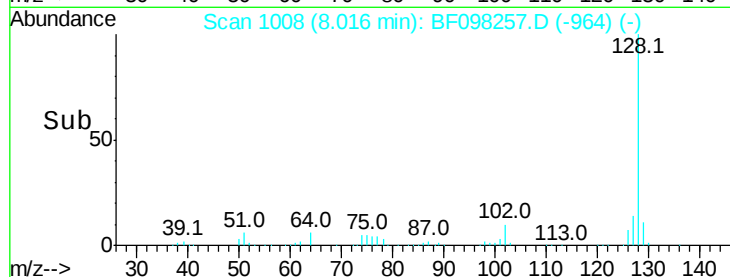
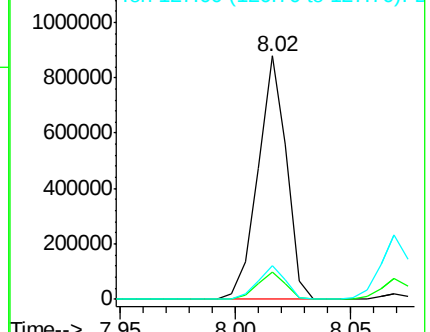
127 13.6 10.8 16.2



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: 8.349 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.10 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

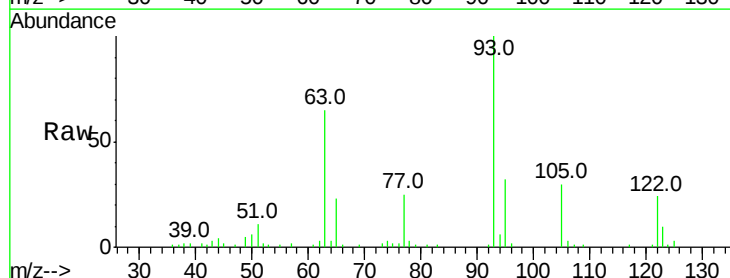
Tgt Ion:122 Resp: 9979

Ion Ratio Lower Upper

122 100

105 123.7 103.3 143.3

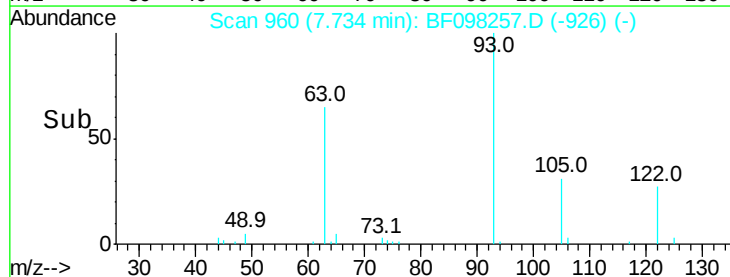
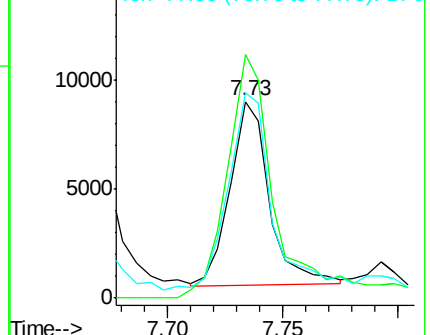
77 104.1 73.7 113.7

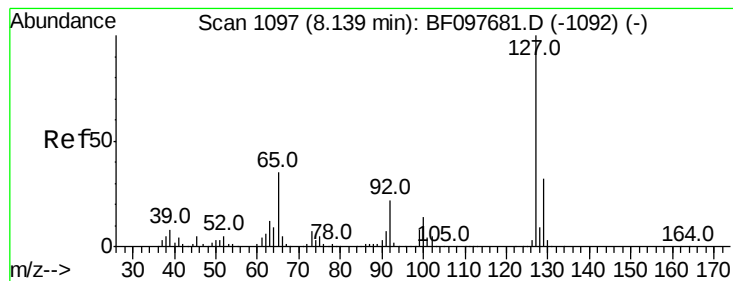


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 25.956 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 217306

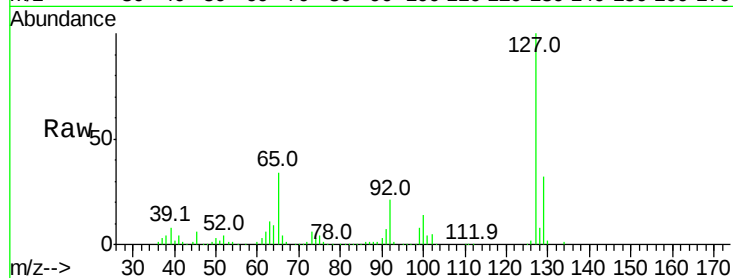
Ion Ratio Lower Upper

127 100

129 32.0 26.2 39.2

65 34.1 27.8 41.8

92 21.1 16.8 25.2

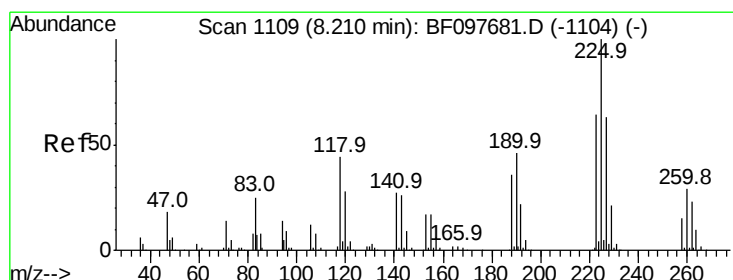
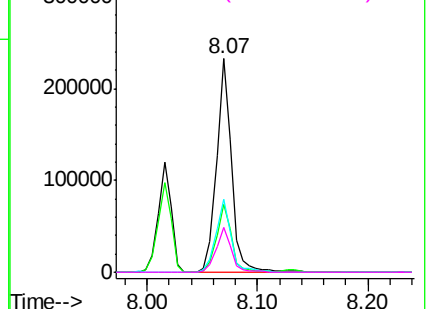
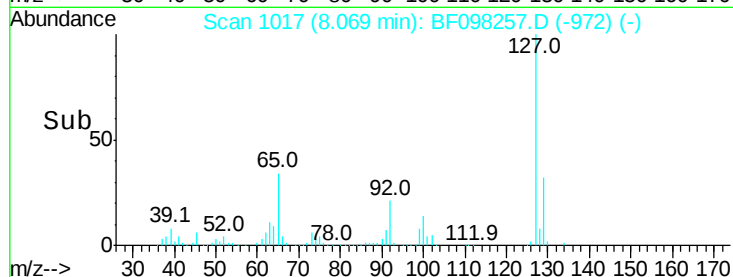


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 35.360 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

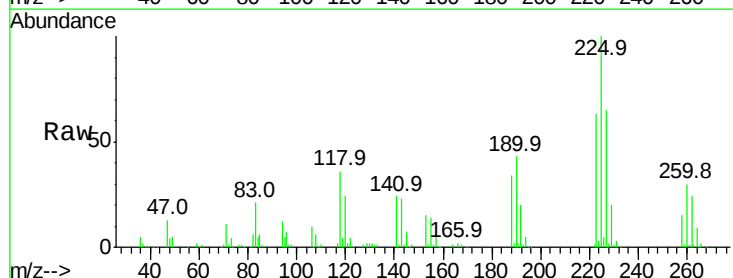
Tgt Ion:225 Resp: 115969

Ion Ratio Lower Upper

225 100

223 63.4 48.8 73.2

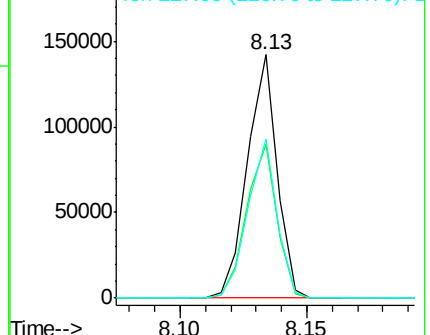
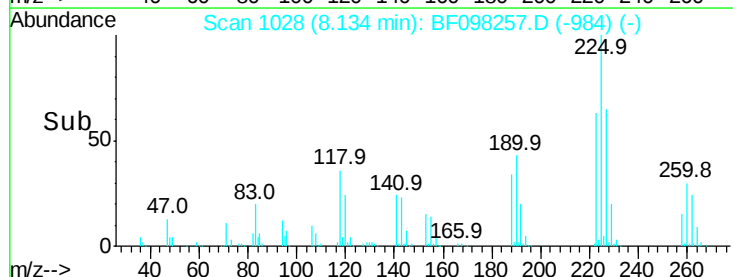
227 65.3 51.1 76.7

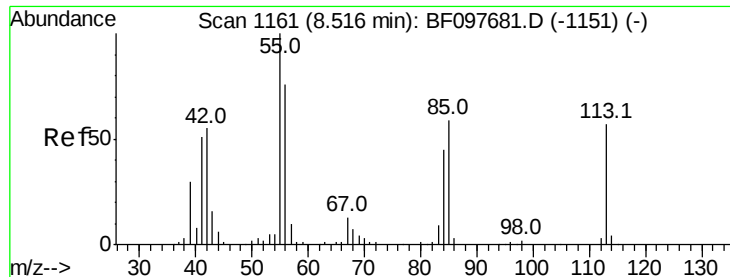


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.181 ng

RT: 8.43 min Scan# 1079

Delta R.T. -0.06 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampled :

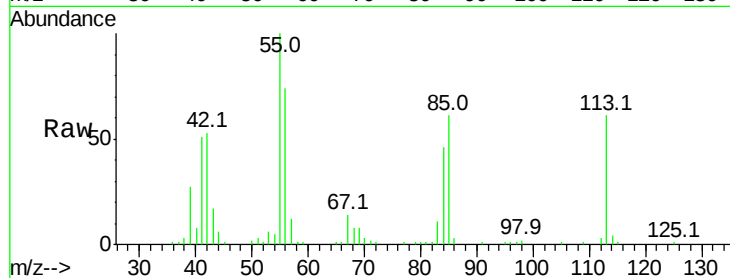
Tot Ion:113 Resp: 41654

Ion Ratio Lower Upper

113 100

55 163.4 150.2 190.2

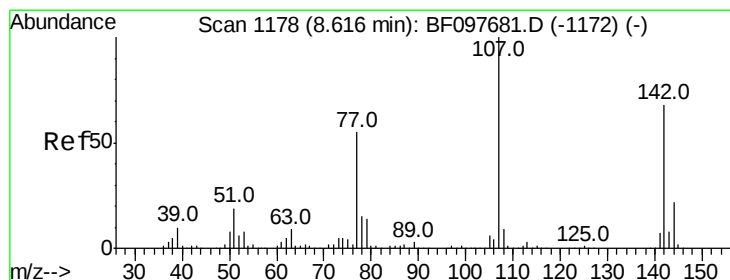
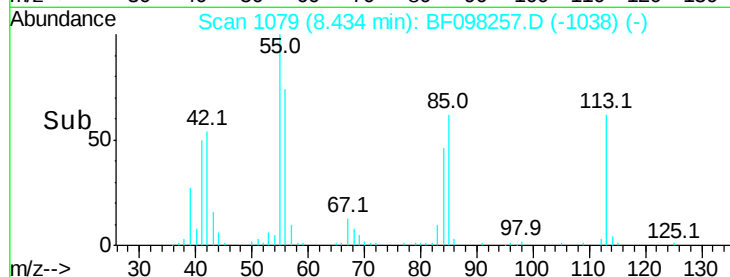
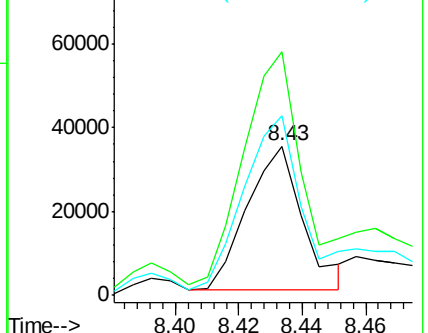
56 120.7 107.8 147.8



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: 34.892 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

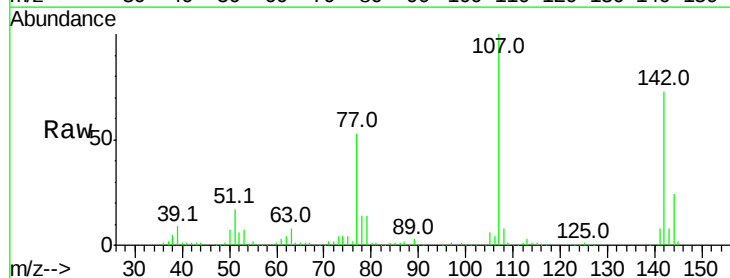
Tgt Ion:107 Resp: 227151

Ion Ratio Lower Upper

107 100

144 23.6 24.2 36.4#

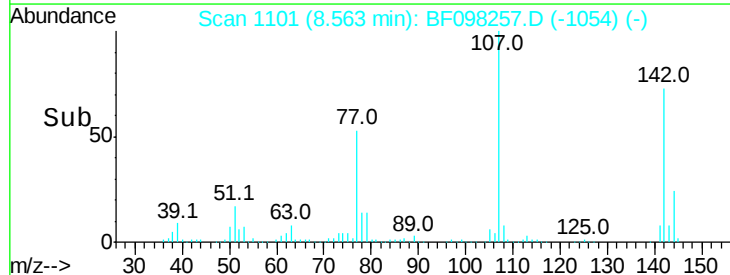
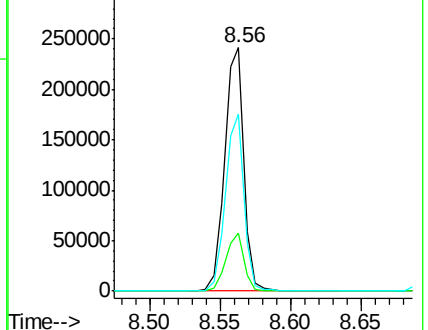
142 72.7 73.4 110.0#

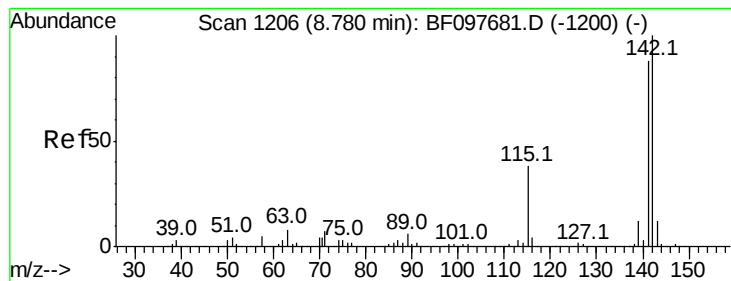


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

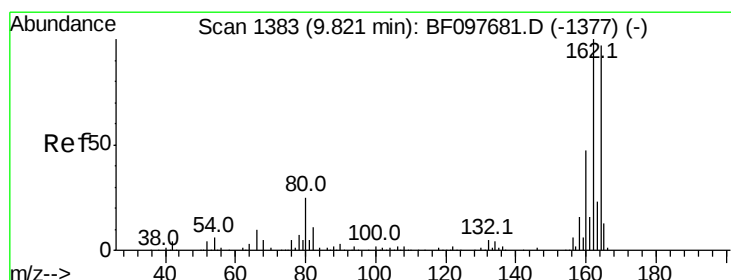
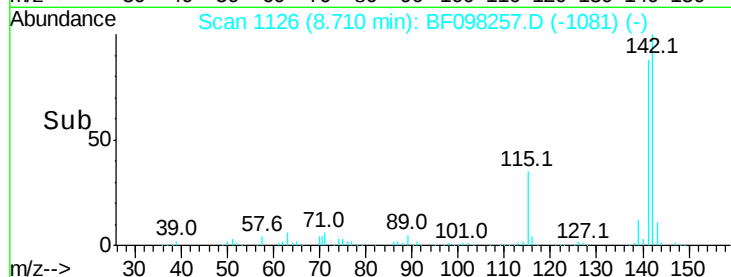
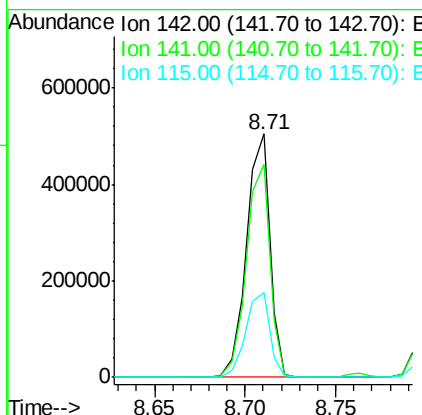
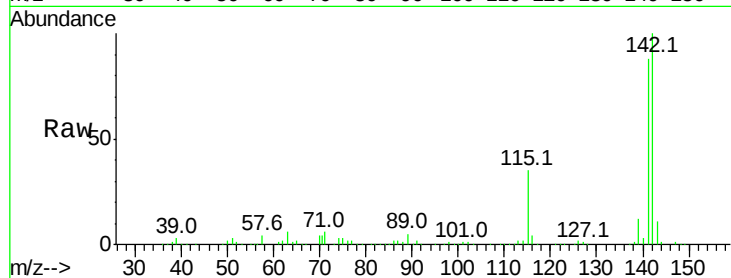




#37
 2-Methylnaphthalene
 Concen: 37.454 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

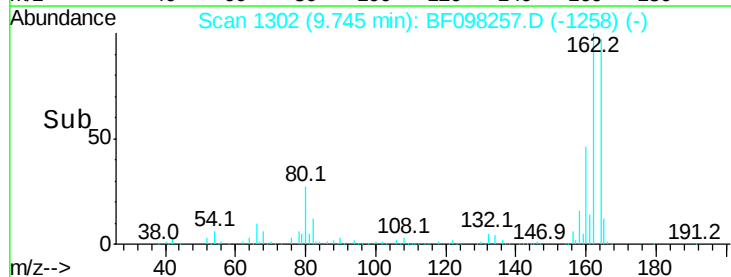
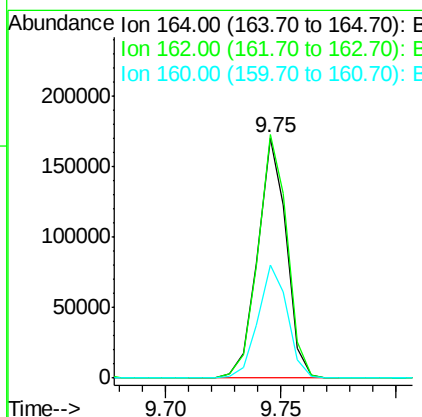
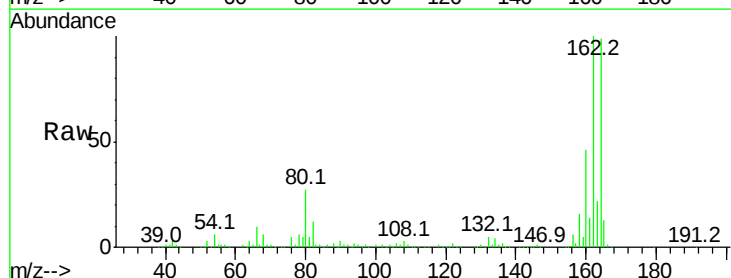
Instrument :
 BNA_F
 ClientSampleId :

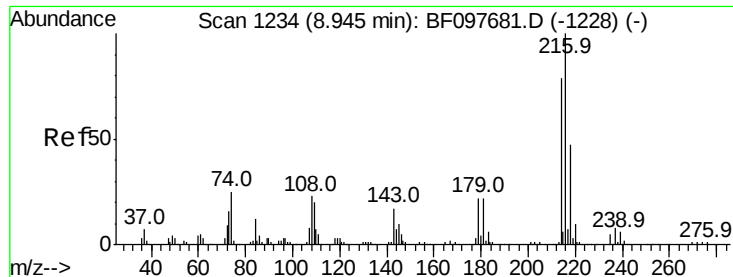
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.3	106.9
115	34.7	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	46.8	36.2	54.2

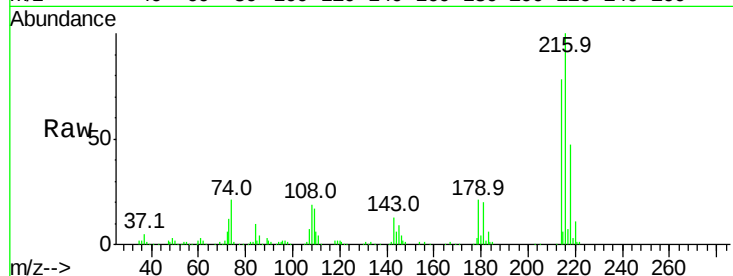




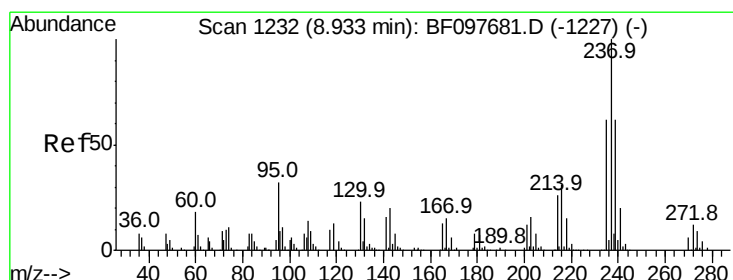
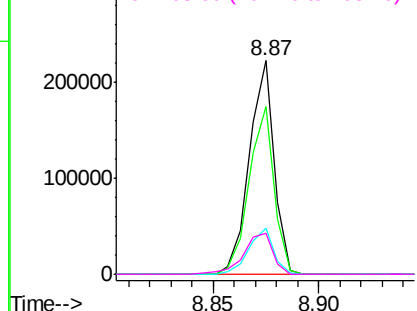
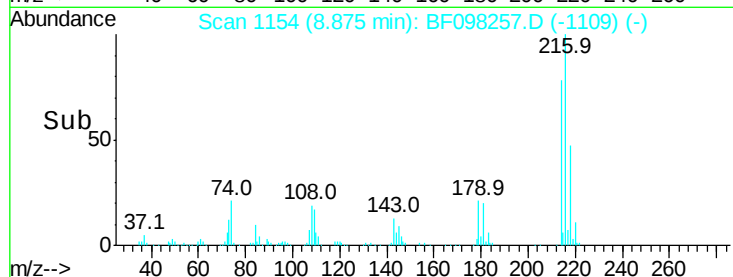
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.117 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	181873
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	21.5	17.9	26.9
108	23.1	16.5	24.7

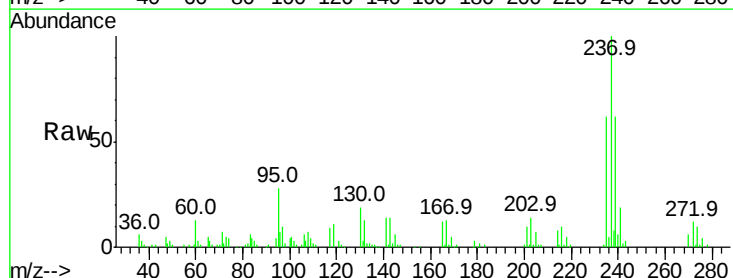


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

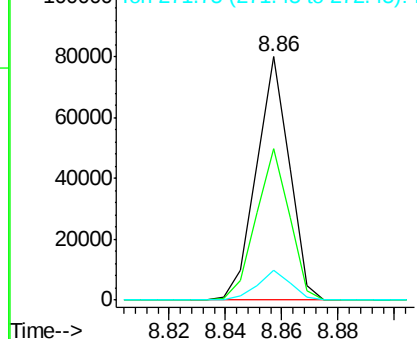
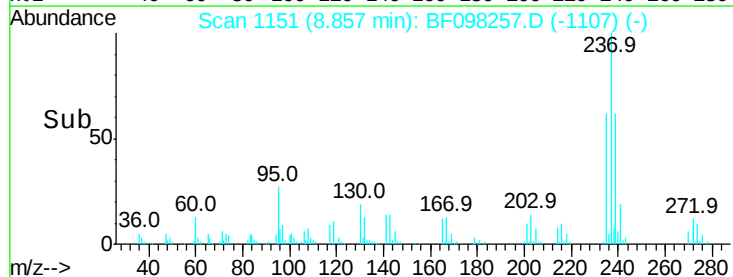


#40
 Hexachlorocyclopentadiene
 Concen: 29.683 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion:	237	Resp:	64649
Ion	Ratio	Lower	Upper
237	100		
235	62.2	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

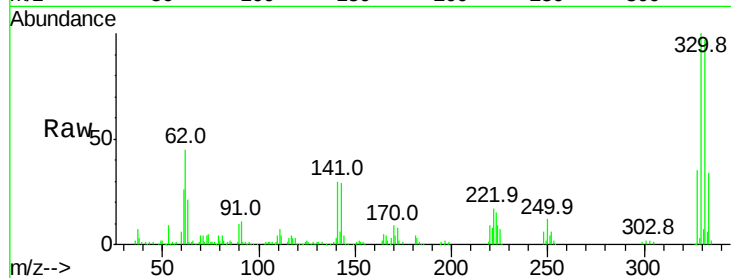




#41
 2,4,6-Tribromophenol
 Concen: 120.383 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	37.0	31.4	47.2

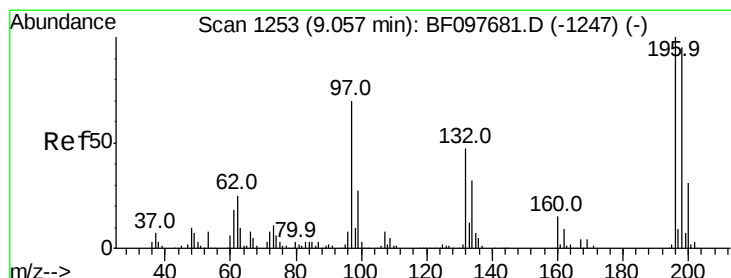
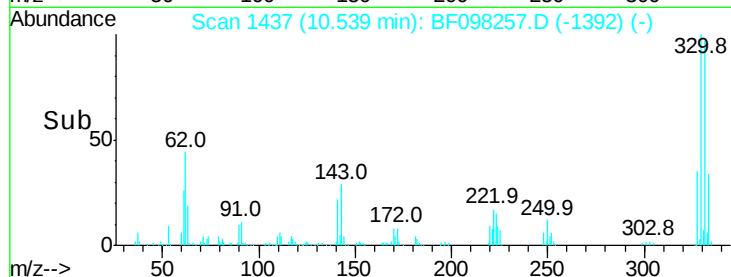
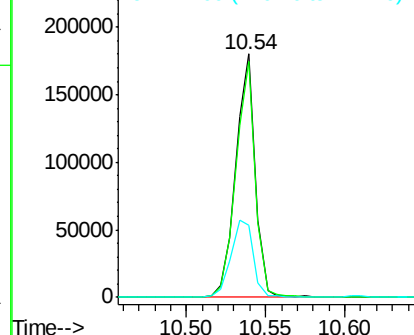


Abundance

Ion 329.80 (329.50 to 330.50): E

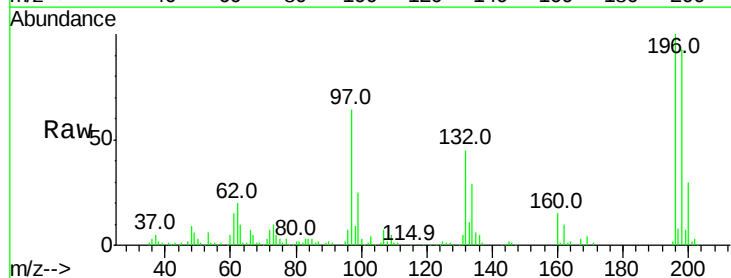
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.690 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	74.2	111.4
200	29.9	24.0	36.0

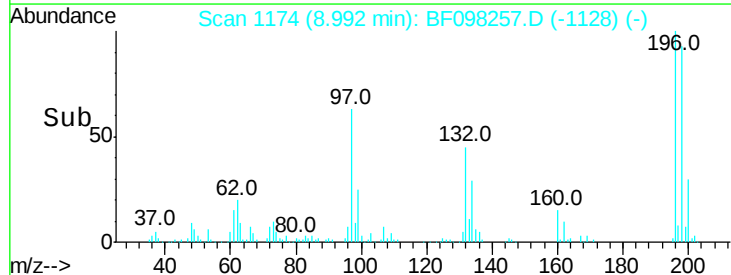
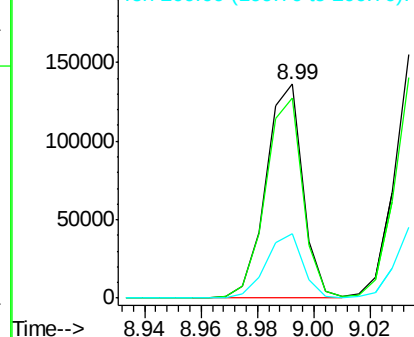


Abundance

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

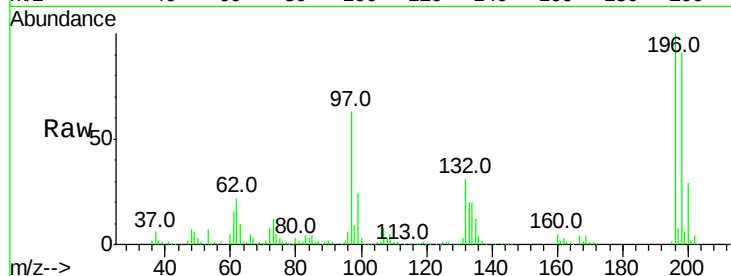




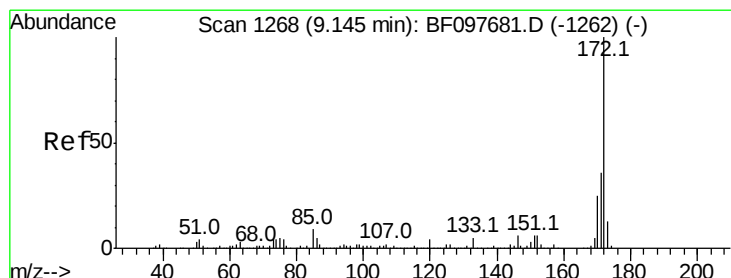
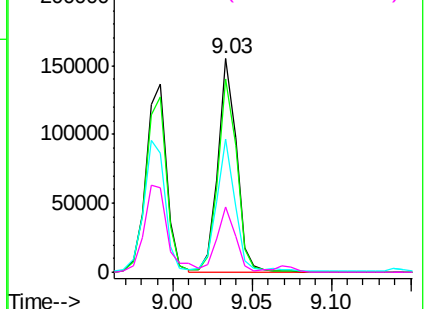
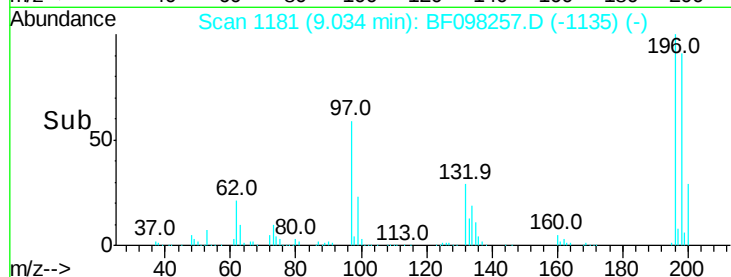
#43
 2,4,5-Trichlorophenol
 Concen: 42.426 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 128109
 Ion Ratio Lower Upper
 196 100
 198 90.8 75.7 113.5
 97 62.6 47.7 71.5
 132 30.7 28.0 42.0

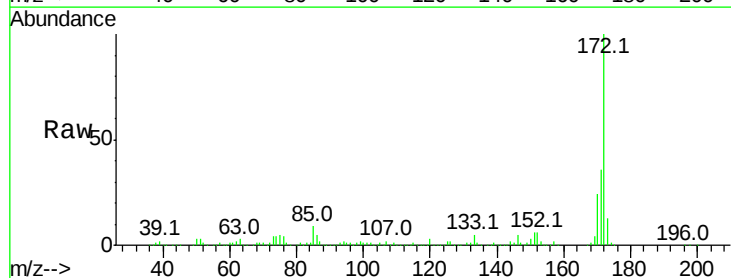


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

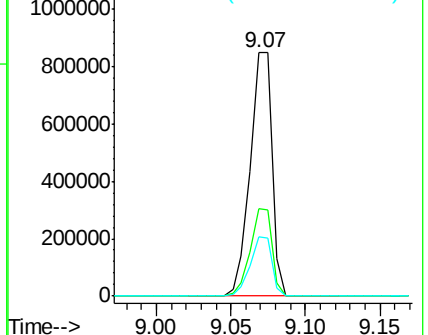
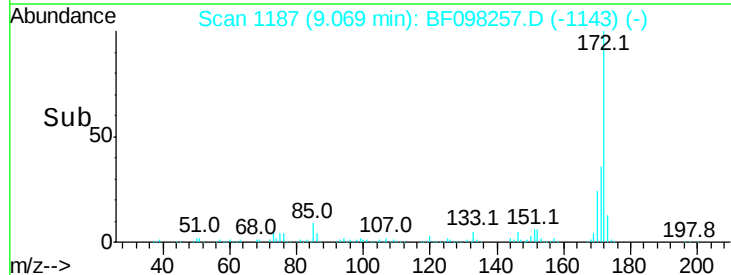


#44
 2-Fluorobiphenyl
 Concen: 85.360 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion:172 Resp: 858273
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.1 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

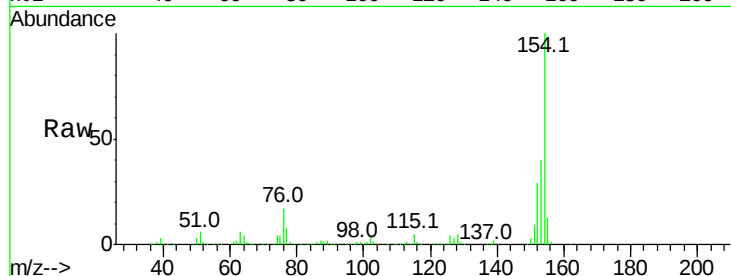




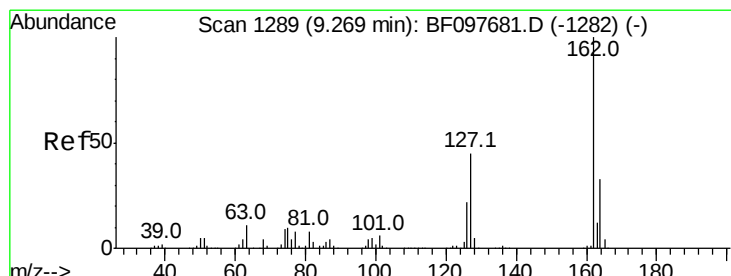
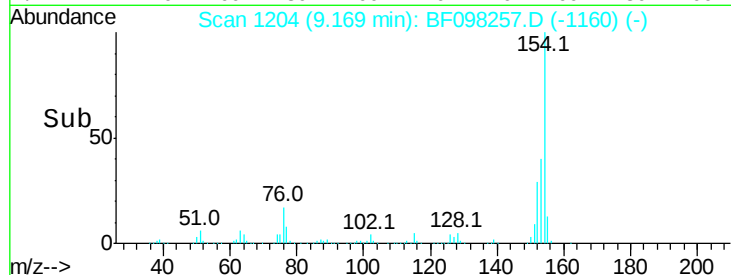
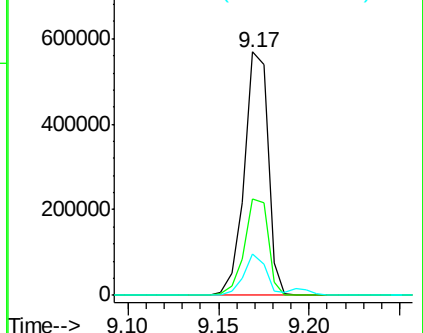
#45
 1,1'-Biphenyl
 Concen: 38.395 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 517217
 Ion Ratio Lower Upper
 154 100
 153 39.7 21.2 61.2
 76 17.0 0.0 29.9

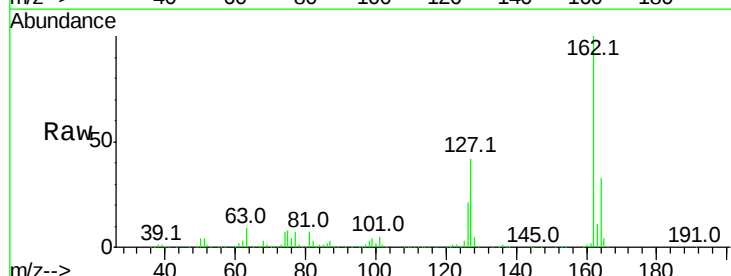


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

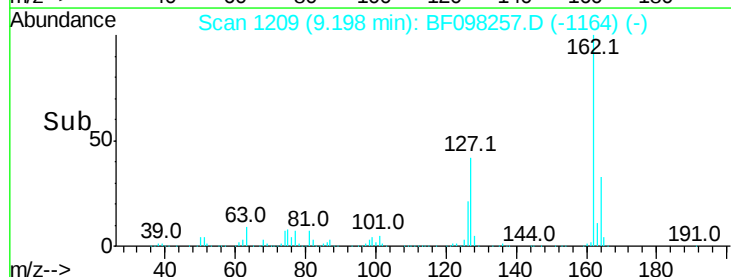
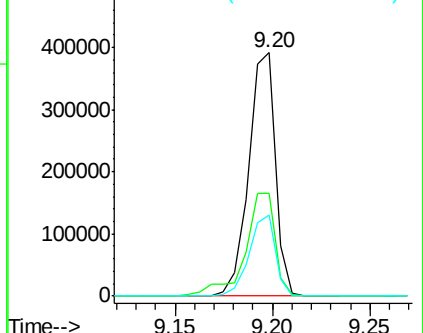


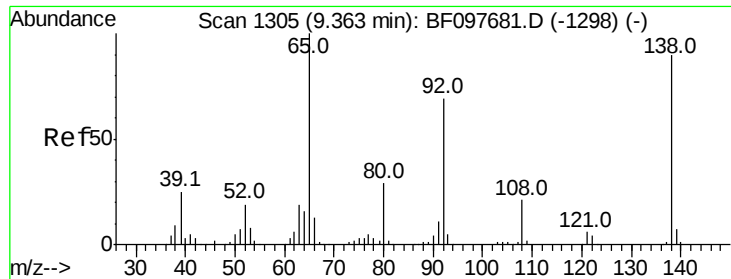
#46
 2-Chloronaphthalene
 Concen: 37.340 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion:162 Resp: 371662
 Ion Ratio Lower Upper
 162 100
 127 42.1 28.3 42.5
 164 33.1 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

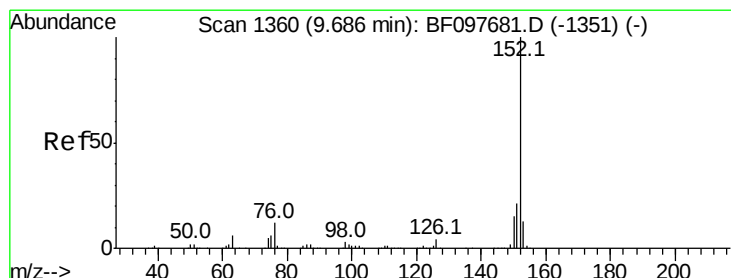
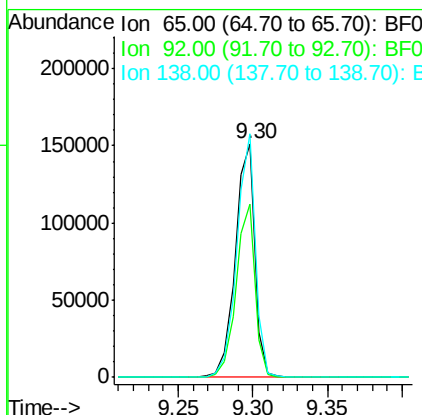
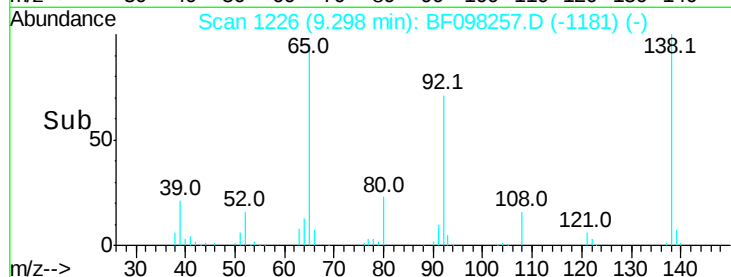
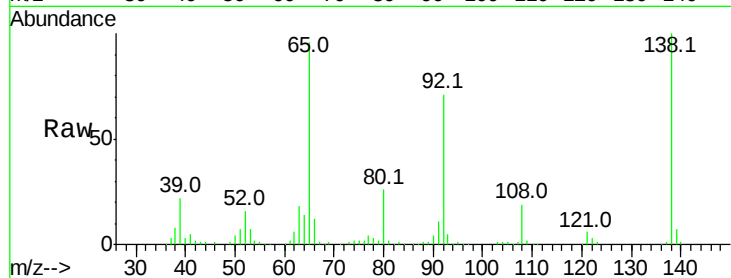




#47
 2-Nitroaniline
 Concen: 42.069 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

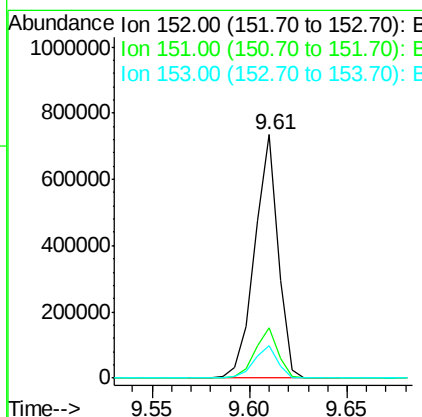
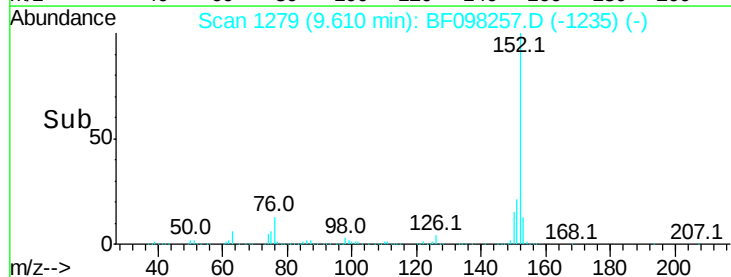
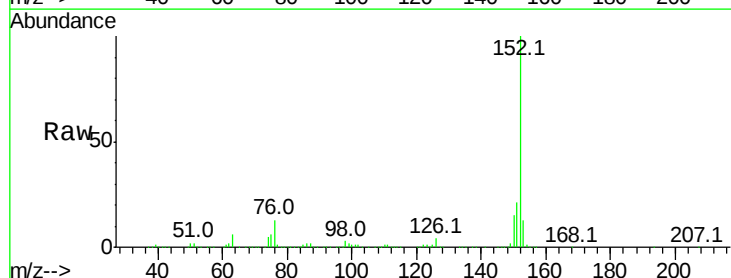
Instrument :
 BNA_F
 ClientSampleId :

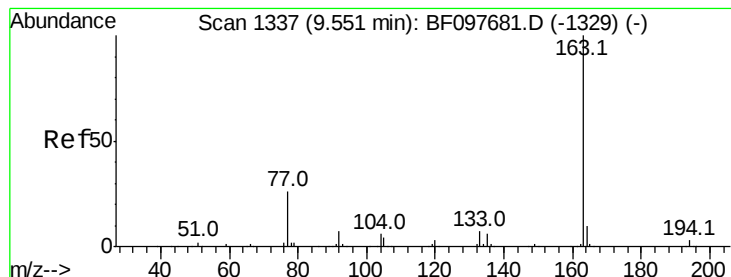
Tot Ion: 65 Resp: 140377
 Ion Ratio Lower Upper
 65 100
 92 74.2 53.9 80.9
 138 104.1 78.8 118.2



#48
 Acenaphthylene
 Concen: 38.899 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion:152 Resp: 608011
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.2 10.8 16.2

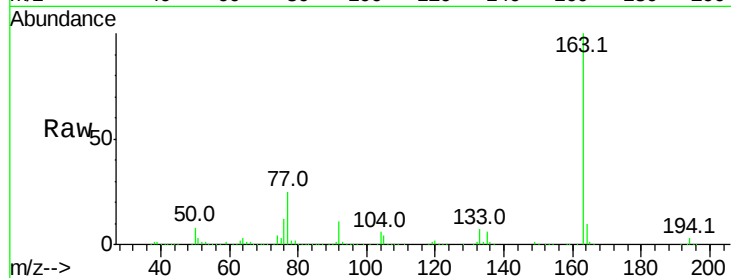




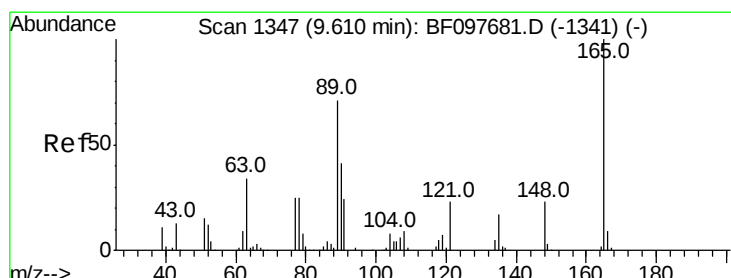
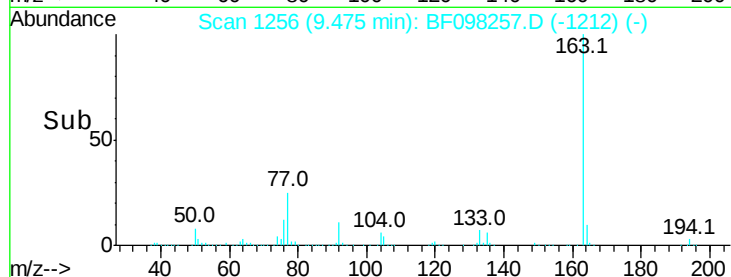
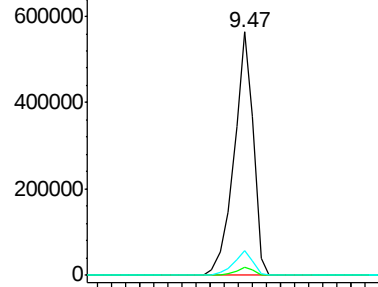
#49
 Dimethylphthalate
 Concen: 50.184 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:163	Resp:	541901
Ion Ratio	Lower	Upper
163	100	
194	3.5	2.6 4.0
164	10.2	8.4 12.6

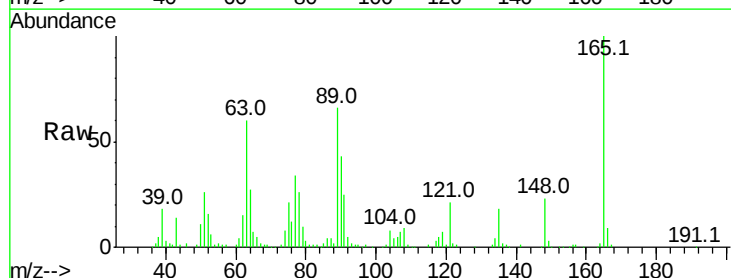


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

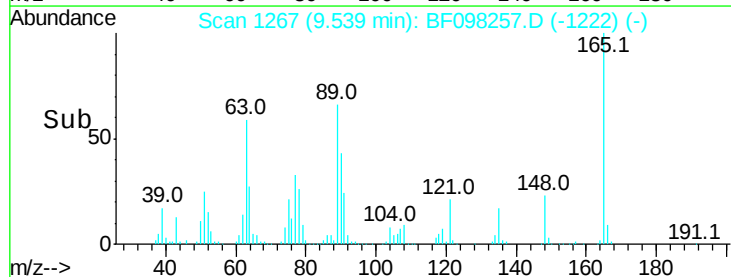
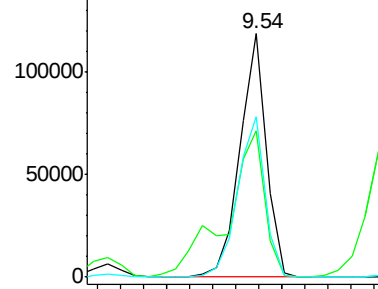


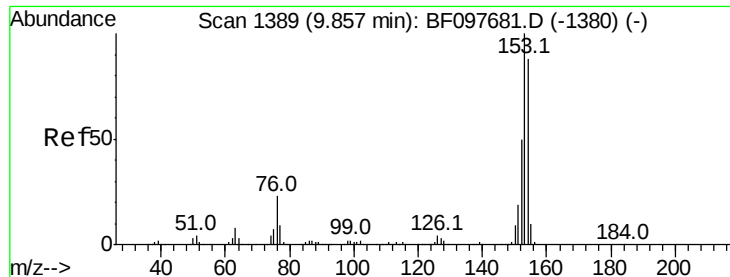
#50
 2,6-Dinitrotoluene
 Concen: 43.671 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion:165	Resp:	94130
Ion Ratio	Lower	Upper
165	100	
63	60.0	34.3 51.5#
89	65.7	37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.517 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampleId :

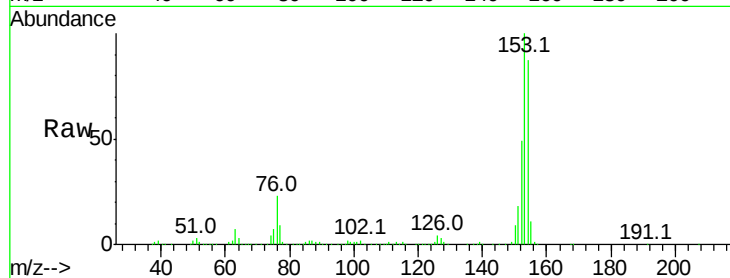
Tot Ion:154 Resp: 350123

Ion Ratio Lower Upper

154 100

153 115.2 90.5 135.7

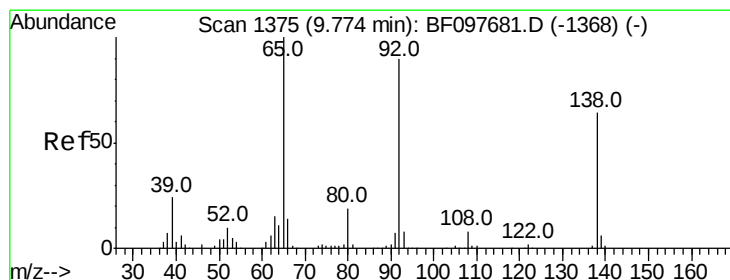
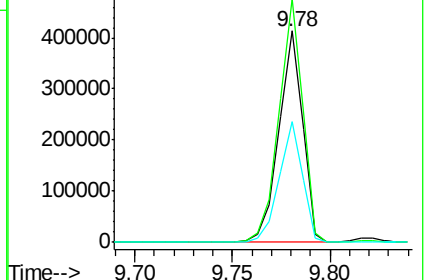
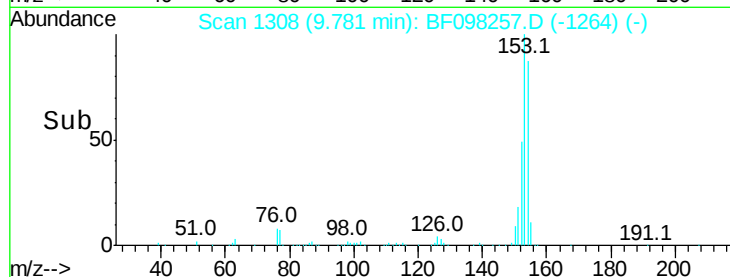
152 57.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.805 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

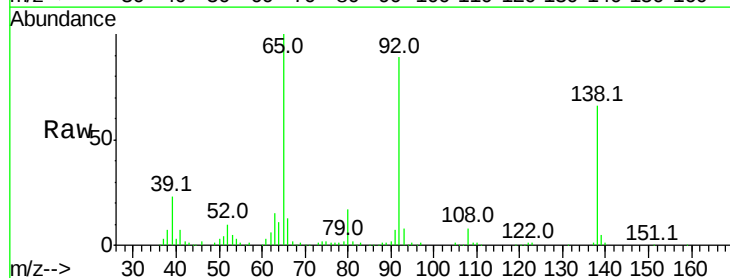
Tgt Ion:138 Resp: 88447

Ion Ratio Lower Upper

138 100

108 12.5 9.1 13.7

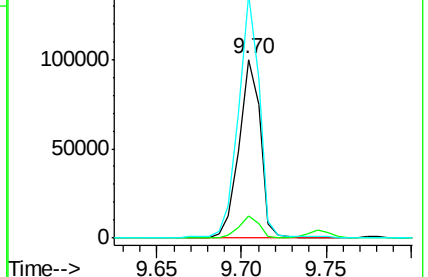
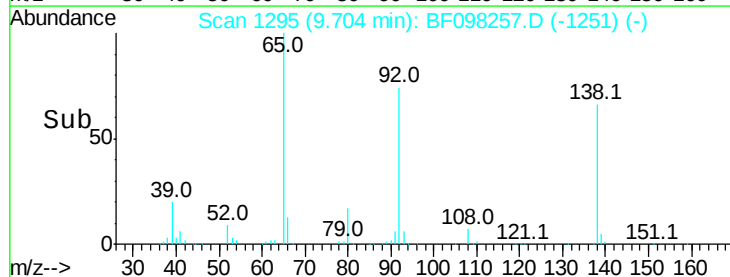
92 136.0 93.8 140.6

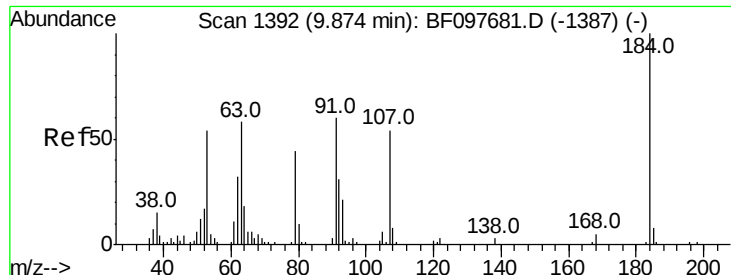


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

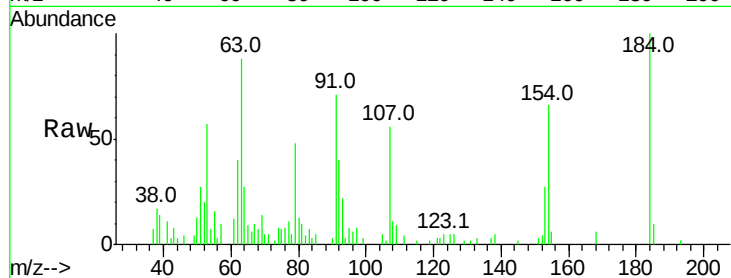




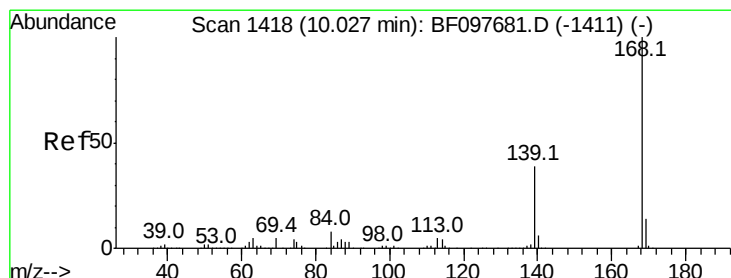
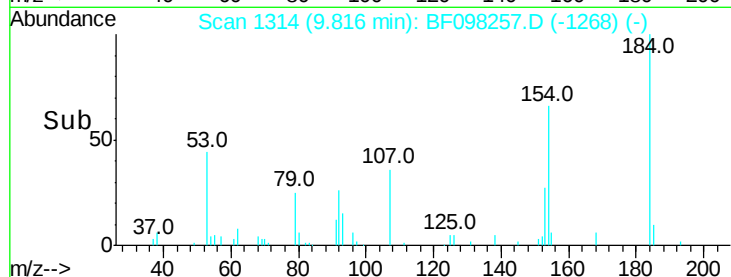
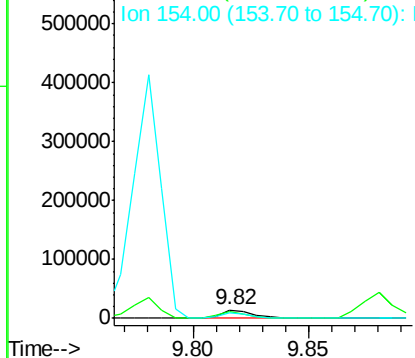
#53
2,4-Dinitrophenol
Concen: 22.838 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 14907
Ion Ratio Lower Upper
184 100
63 88.3 62.7 94.1
154 66.0 81.1 121.7#

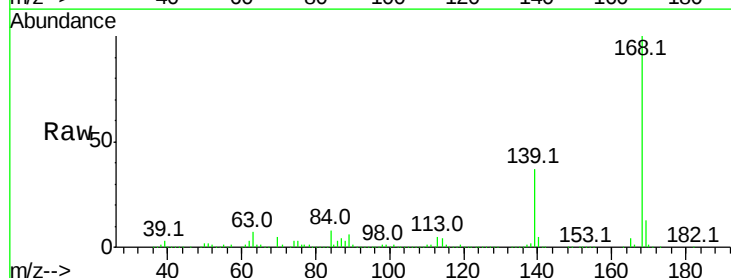


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

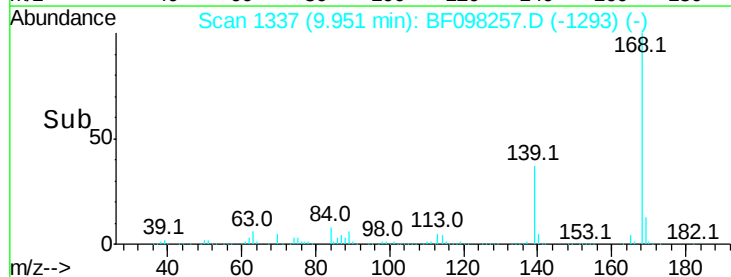
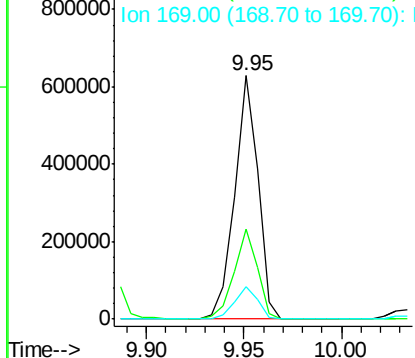


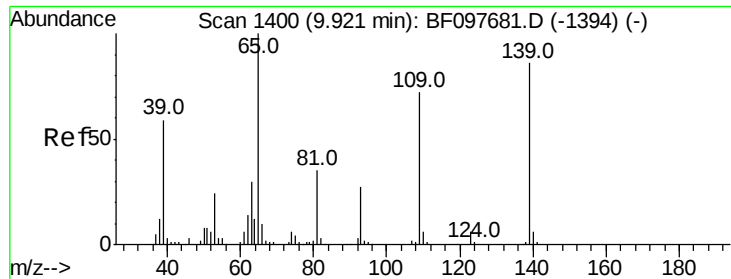
#54
Dibenzofuran
Concen: 39.457 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion:168 Resp: 521295
Ion Ratio Lower Upper
168 100
139 37.2 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

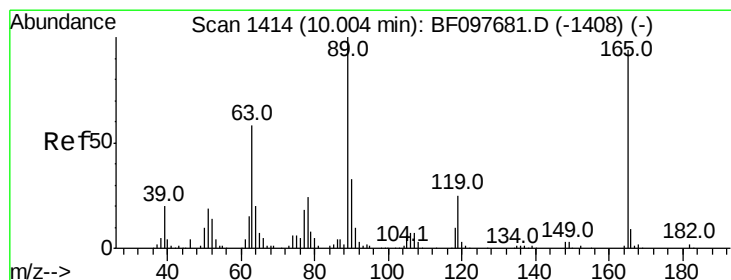
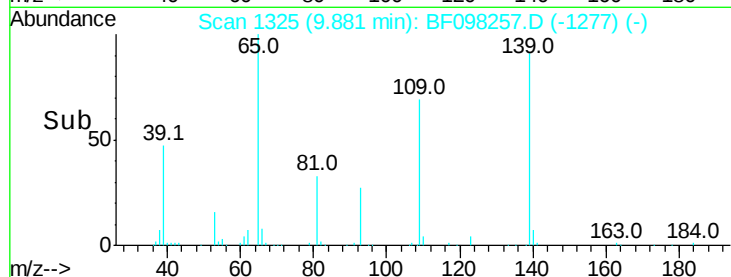
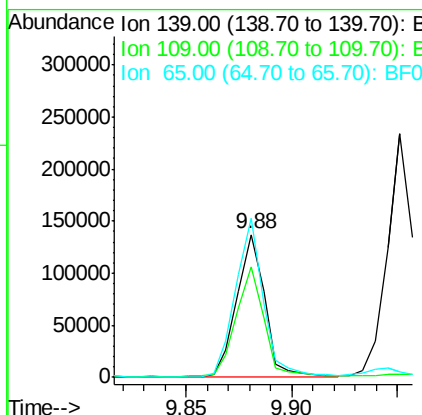
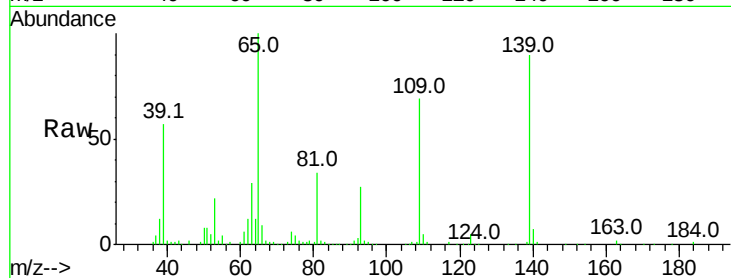




#55
4-Nitrophenol
Concen: 57.426 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

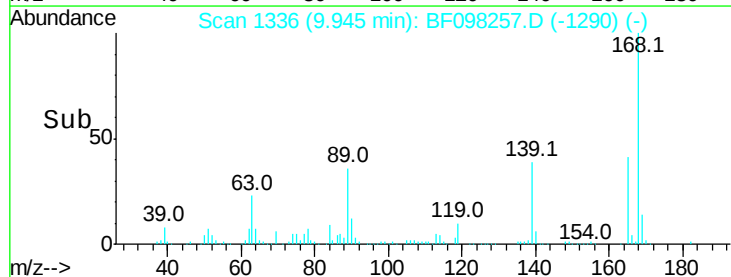
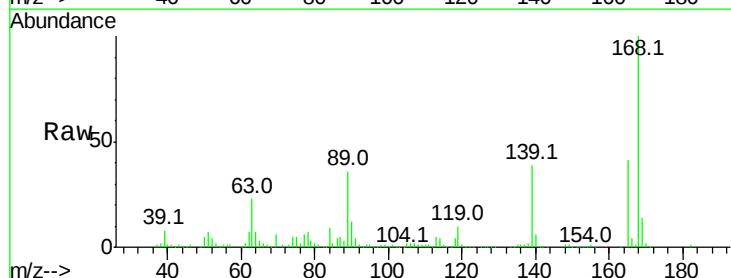
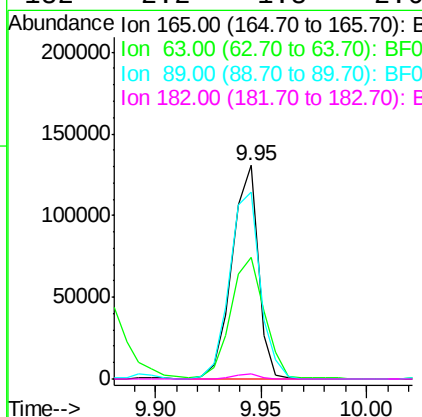
Instrument :
BNA_F
ClientSampleId :

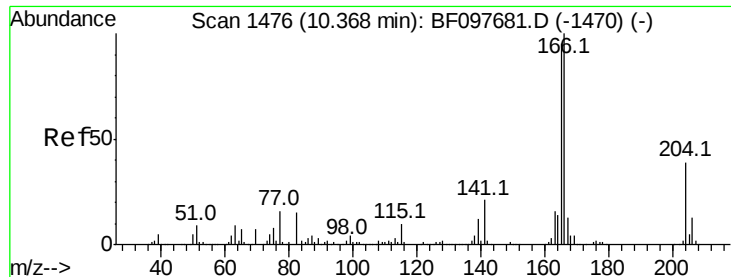
Tot Ion:139 Resp: 127393
Ion Ratio Lower Upper
139 100
109 76.9 34.1 74.1#
65 111.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.147 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion:165 Resp: 111301
Ion Ratio Lower Upper
165 100
63 56.9 25.4 38.0#
89 87.6 46.4 69.6#
182 2.2 1.8 2.6

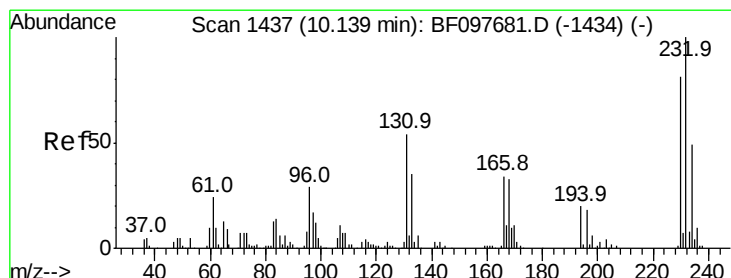
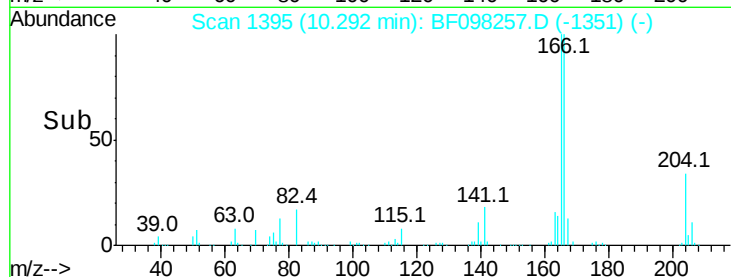
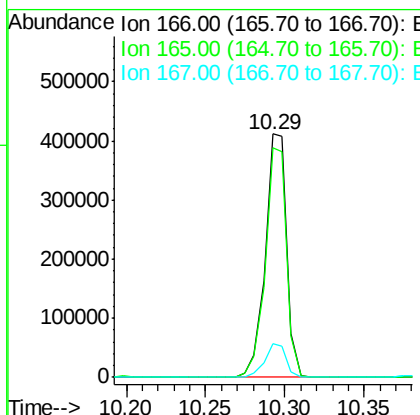
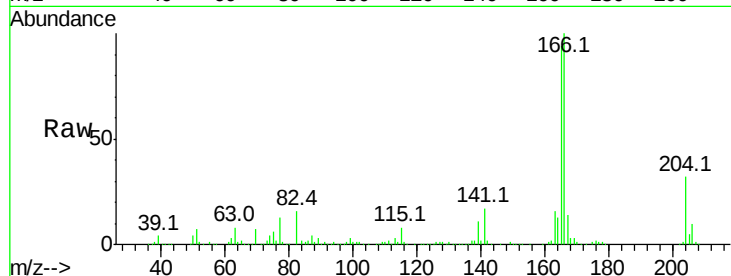




#57
 Fluorene
 Concen: 38.320 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

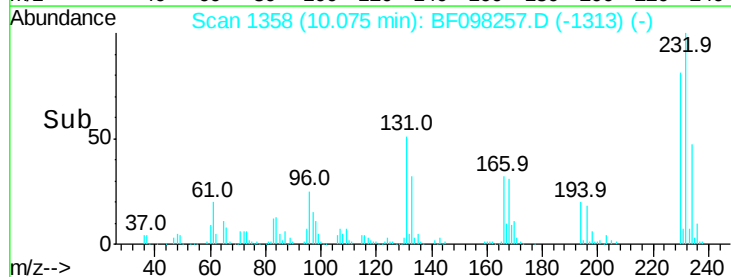
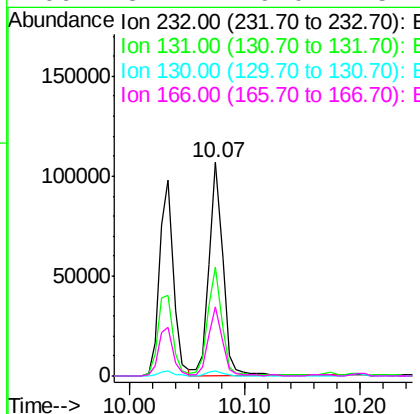
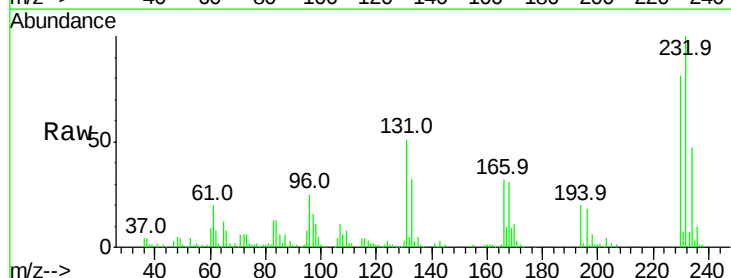
Instrument :
 BNA_F
 ClientSampled :

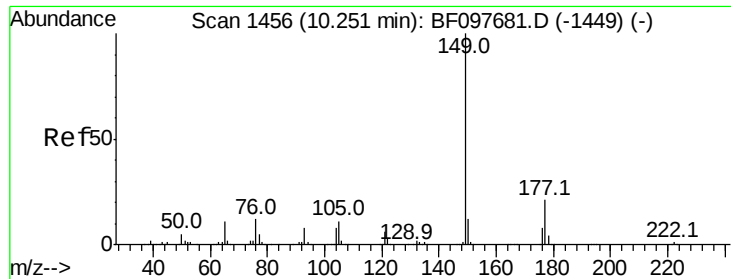
Tot Ion:166 Resp: 391423
 Ion Ratio Lower Upper
 166 100
 165 94.2 78.8 118.2
 167 14.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.696 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion:232 Resp: 90466
 Ion Ratio Lower Upper
 232 100
 131 51.0 44.8 67.2
 130 2.7 2.3 3.5
 166 32.2 29.0 43.4

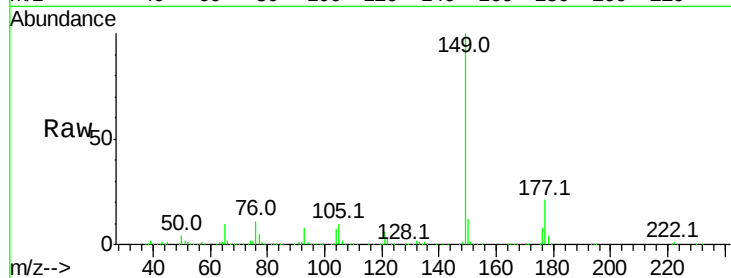




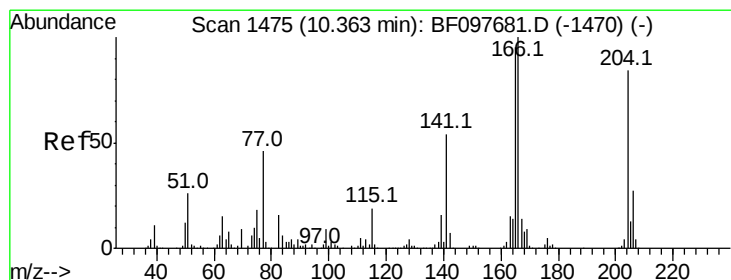
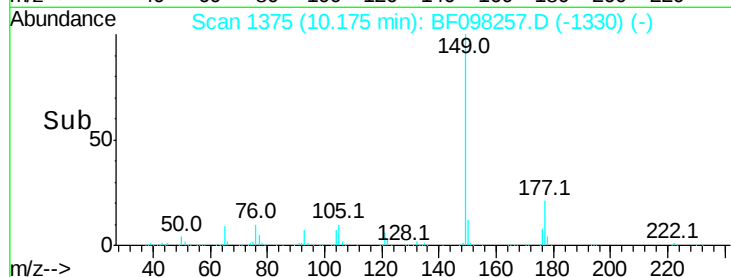
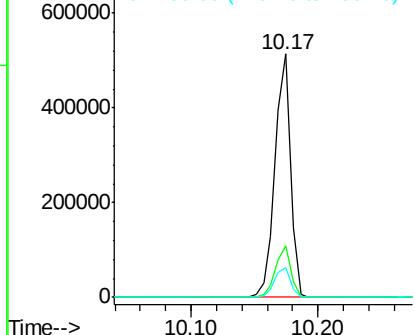
#59
Diethylphthalate
Concen: 38.654 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 436486
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.4 10.2 15.2

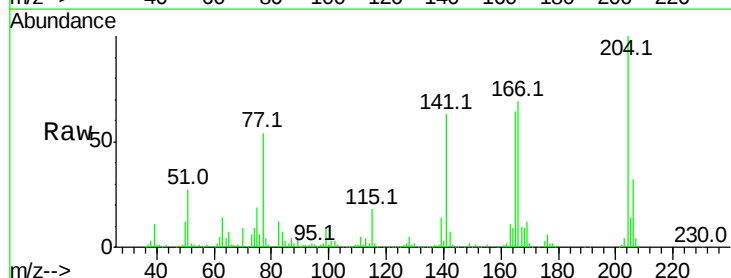


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

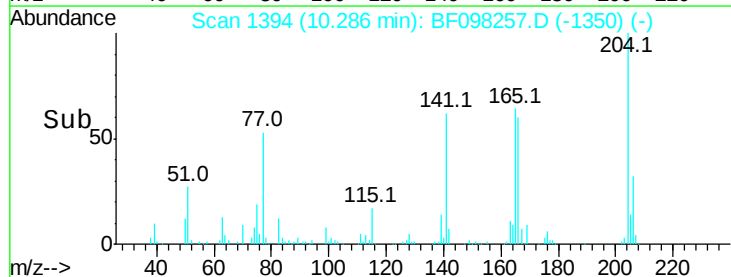
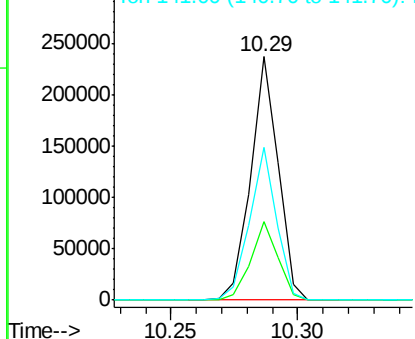


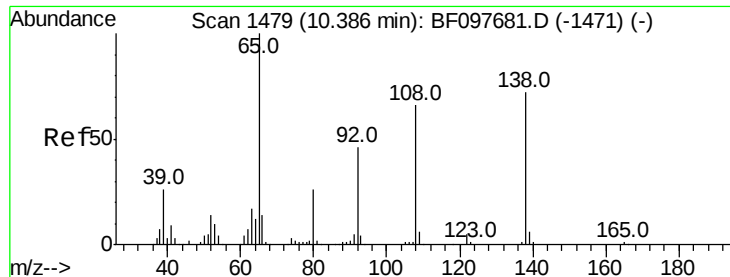
#60
4-Chlorophenyl-phenylether
Concen: 37.638 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion:204 Resp: 178610
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 62.6 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

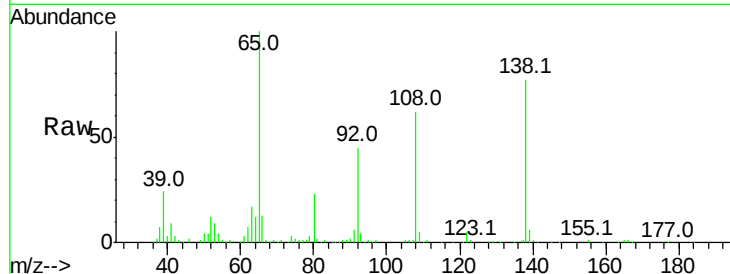




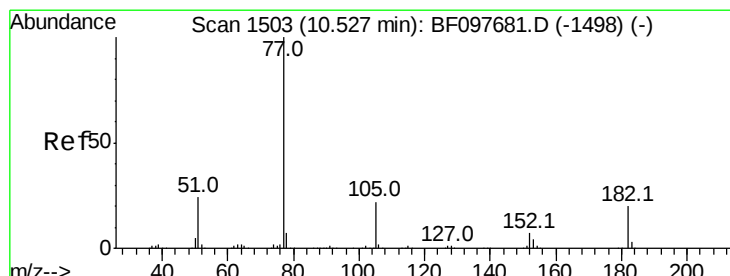
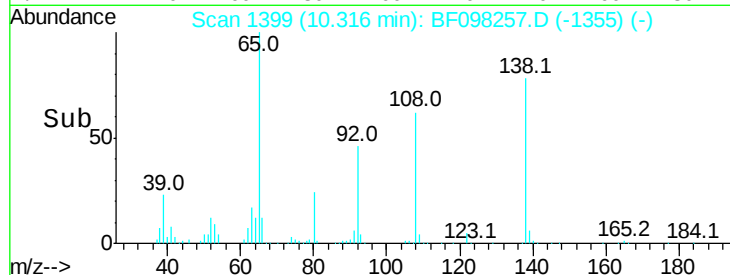
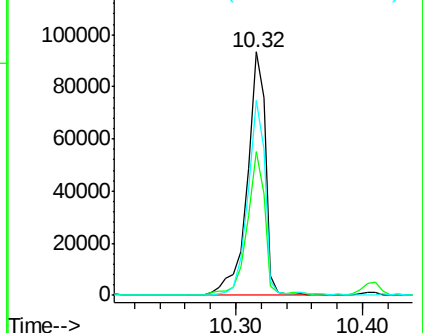
#61
4-Nitroaniline
Concen: 35.497 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 93820
Ion Ratio Lower Upper
138 100
92 58.8 21.8 61.8
108 80.2 42.3 82.3

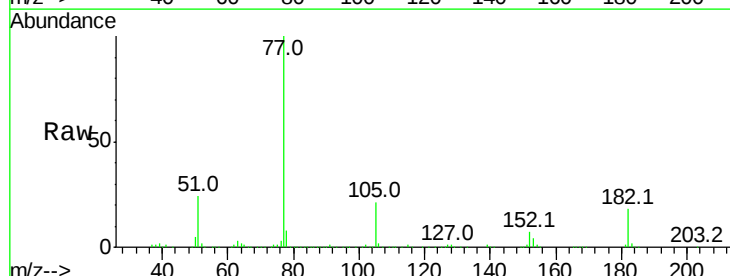


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

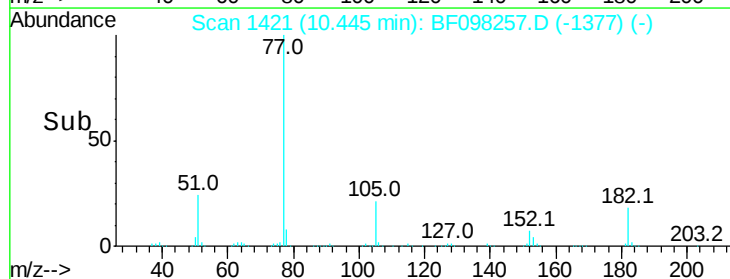
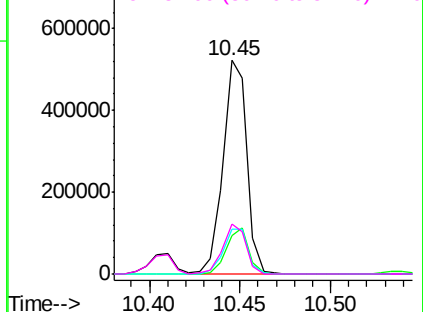


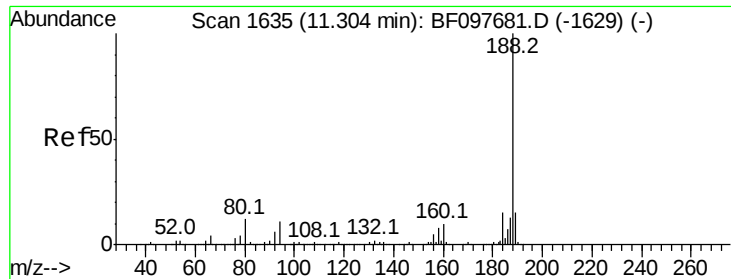
#62
Azobenzene
Concen: 35.194 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion: 77 Resp: 472066
Ion Ratio Lower Upper
77 100
182 17.9 0.1 40.1
105 21.0 3.6 43.6
51 23.7 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

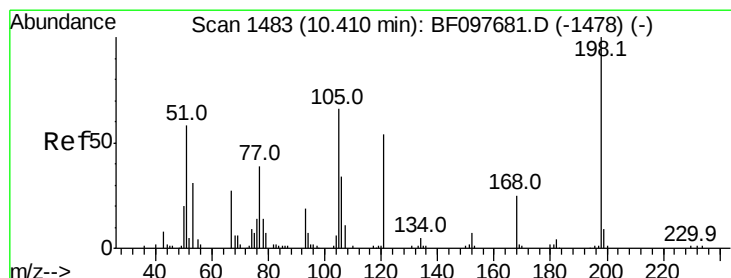
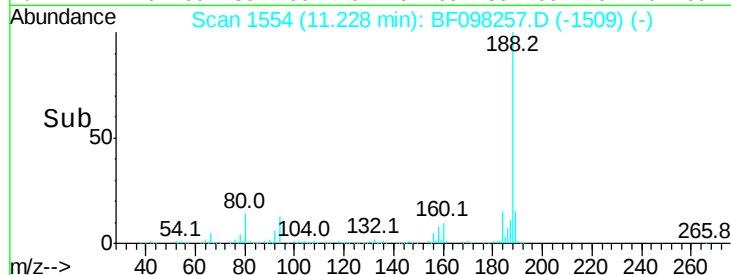
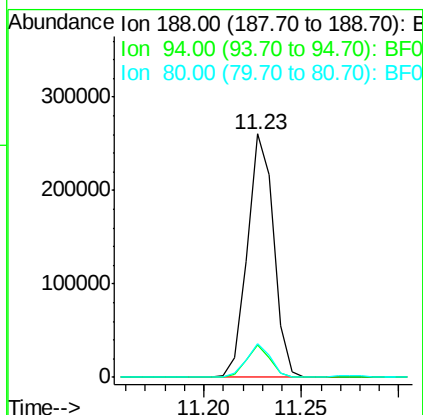
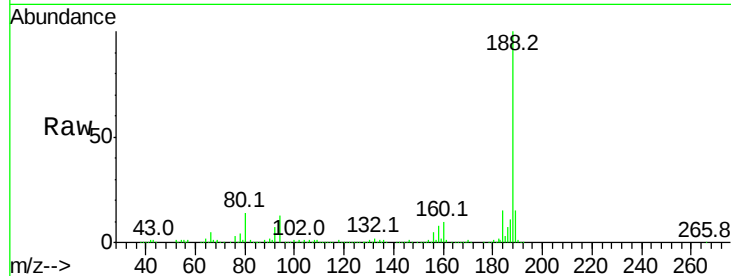




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

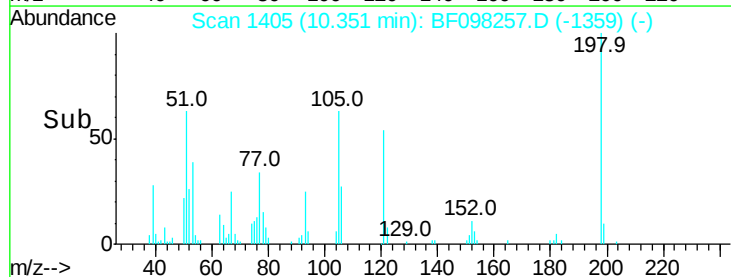
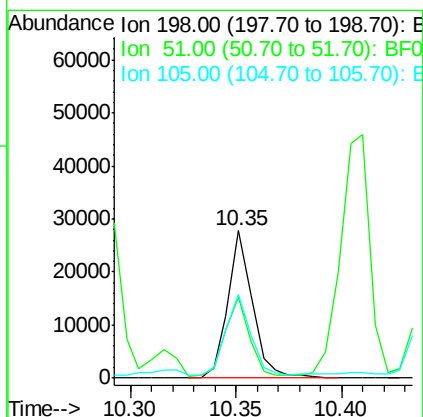
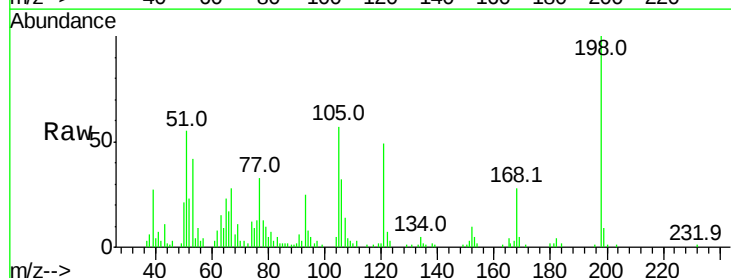
Instrument :
BNA_F
ClientSampleId :

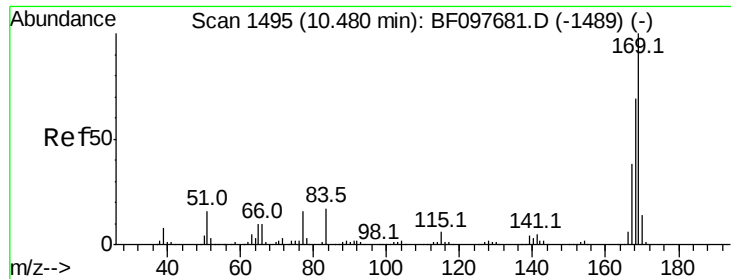
Tot Ion:188 Resp: 242776
Ion Ratio Lower Upper
188 100
94 13.4 9.4 14.2
80 13.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 24.620 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion:198 Resp: 22557
Ion Ratio Lower Upper
198 100
51 55.2 53.2 93.2
105 56.6 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 40.536 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampleId :

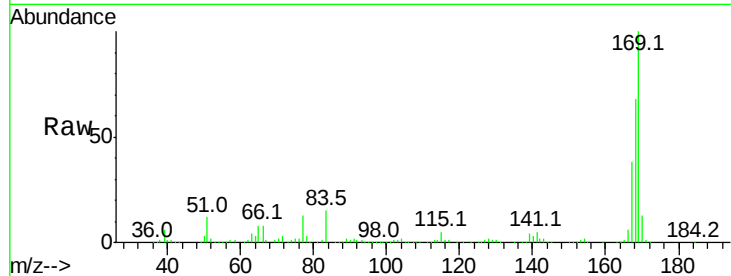
Tot Ion:169 Resp: 335118

Ion Ratio Lower Upper

169 100

168 68.3 53.2 79.8

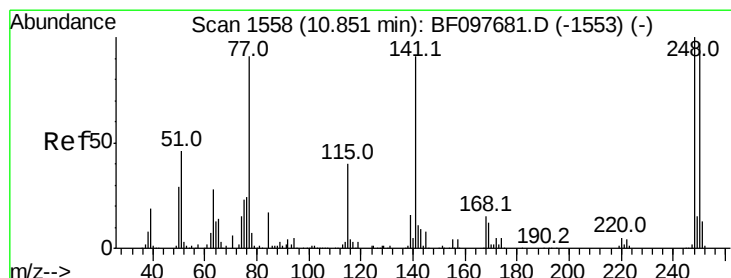
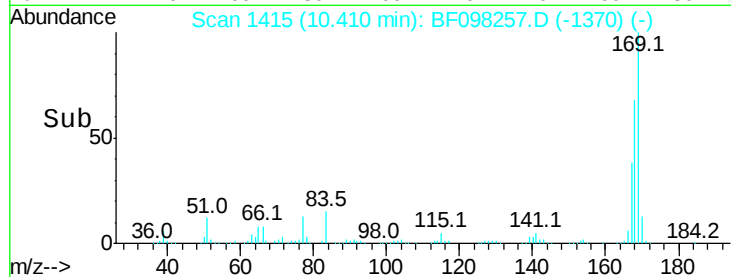
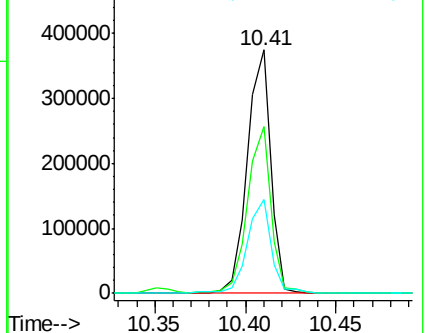
167 38.4 29.5 44.3



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: 39.716 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

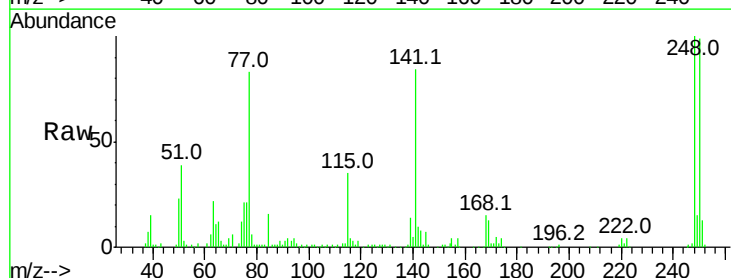
Tgt Ion:248 Resp: 100126

Ion Ratio Lower Upper

248 100

250 98.7 76.8 115.2

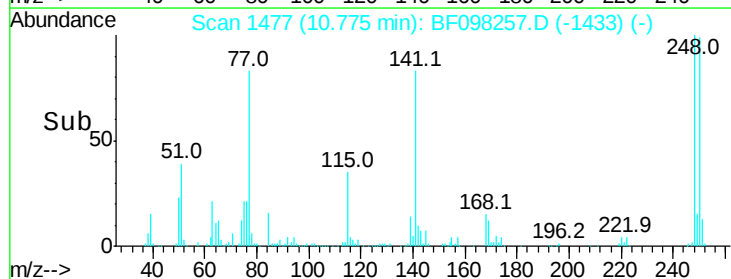
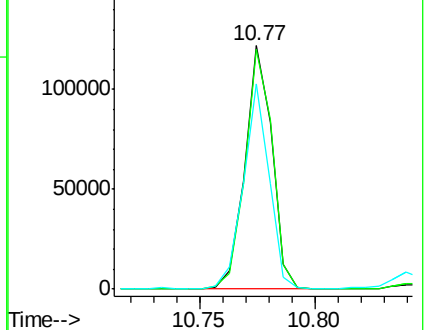
141 84.1 68.6 103.0



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

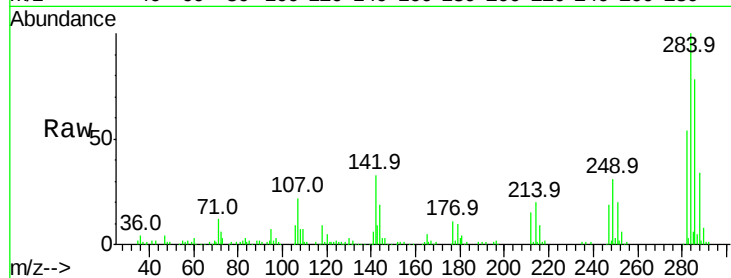




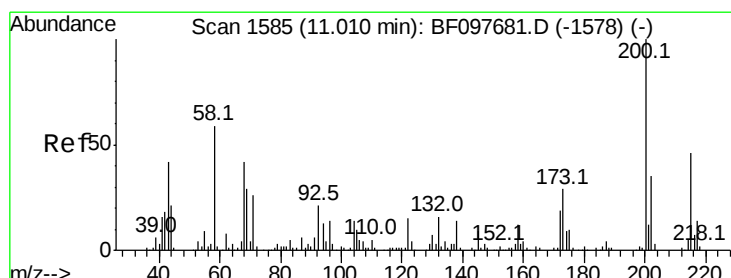
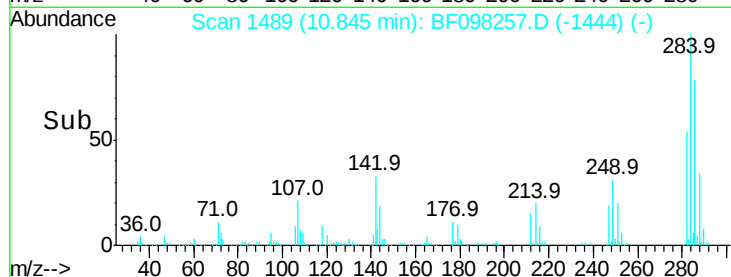
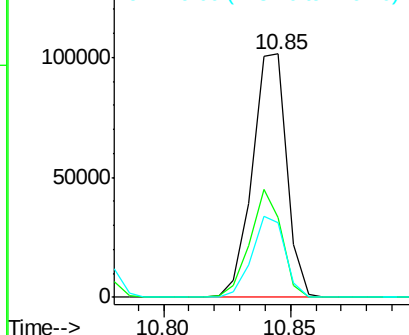
#67
Hexachlorobenzene
Concen: 37.478 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 96304
Ion Ratio Lower Upper
284 100
142 32.7 22.8 34.2
249 30.7 24.0 36.0

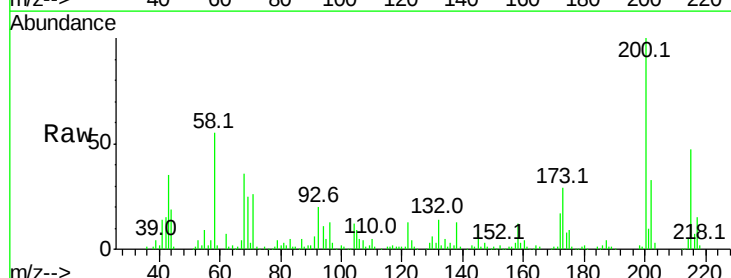


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

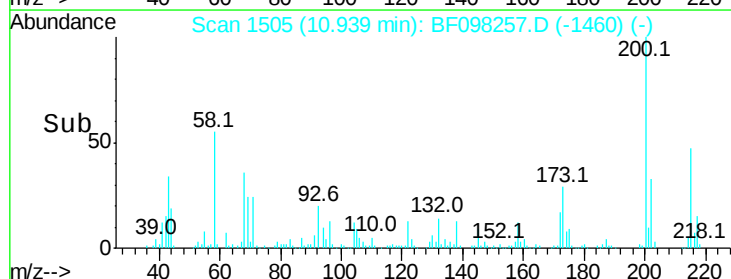
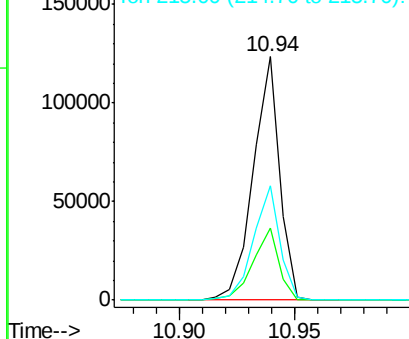


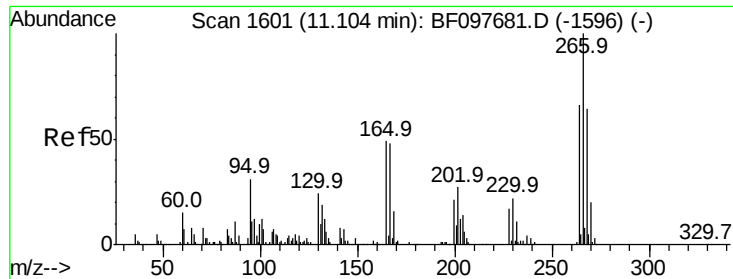
#68
Atrazine
Concen: 45.061 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion:200 Resp: 98794
Ion Ratio Lower Upper
200 100
173 29.4 6.3 46.3
215 47.0 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

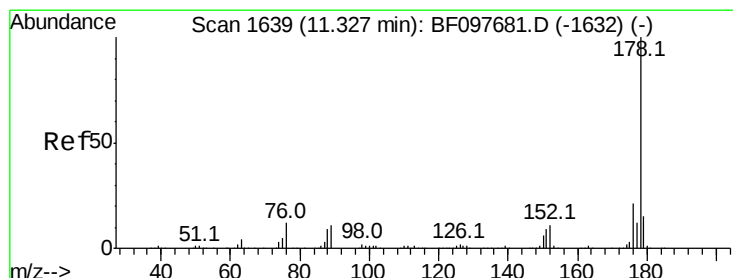
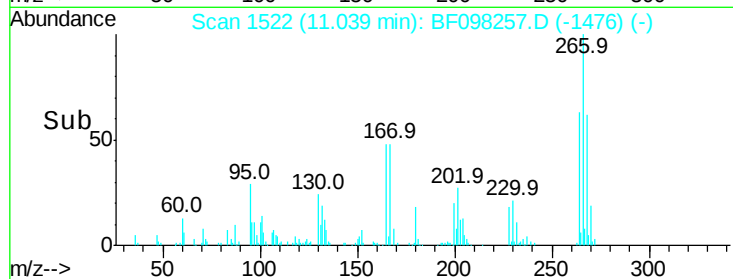
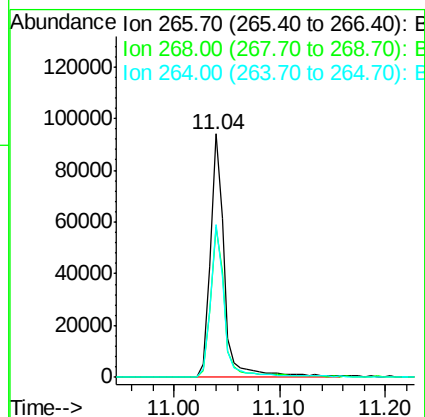
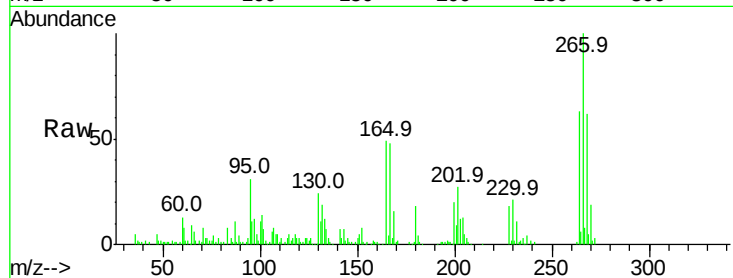




#69
 Pentachlorophenol
 Concen: 58.535 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.03 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

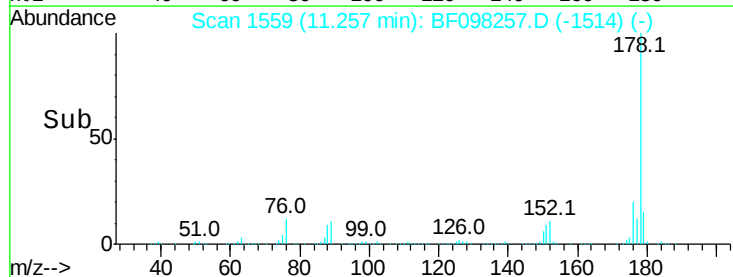
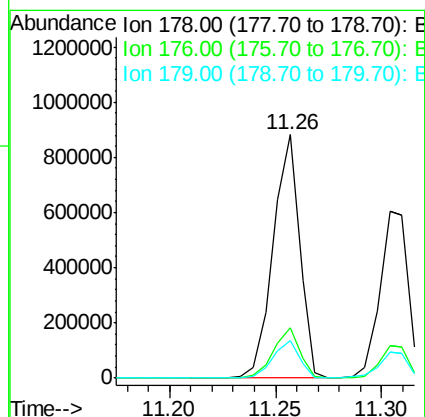
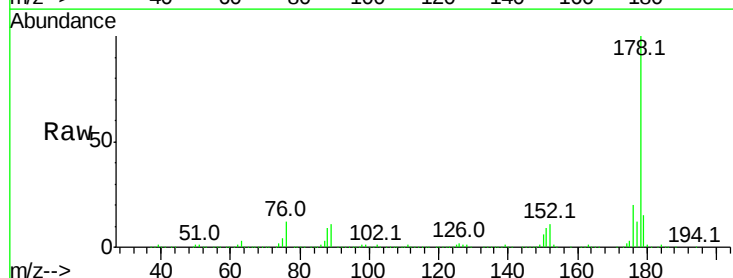
Instrument :
 BNA_F
 ClientSampleId :

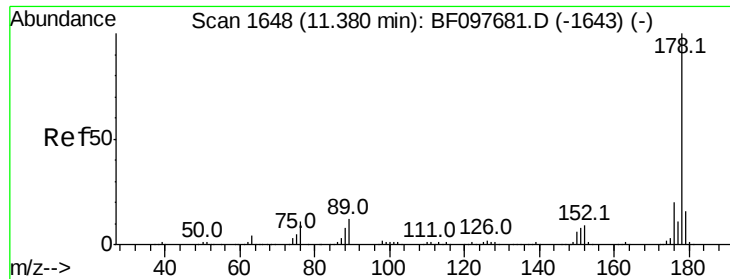
Tot Ion:266 Resp: 87700
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 62.5 51.7 77.5



#70
 Phenanthrene
 Concen: 59.962 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion:178 Resp: 775720
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 15.3 12.6 19.0





#71

Anthracene

Concen: 43.200 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampled :

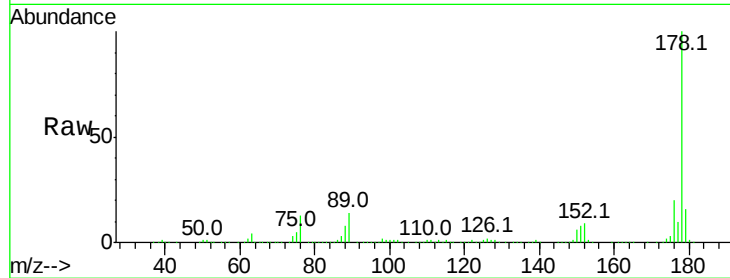
Tot Ion:178 Resp: 566839

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

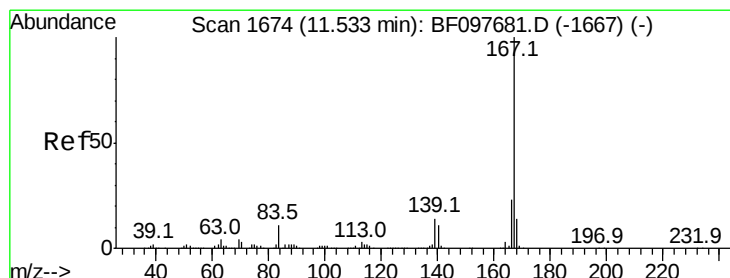
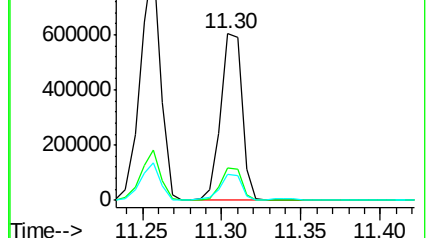
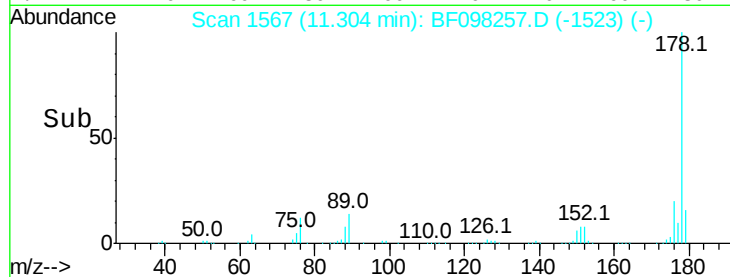
179 15.8 12.7 19.1



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: 42.651 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

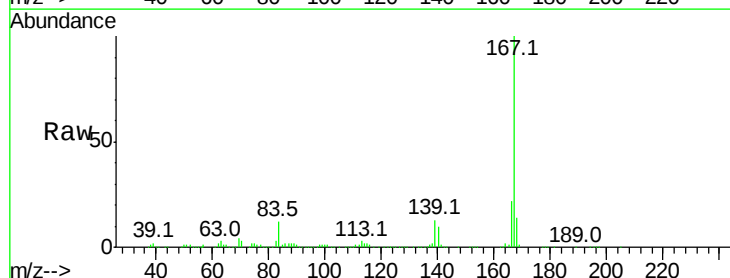
Tgt Ion:167 Resp: 531227

Ion Ratio Lower Upper

167 100

166 22.0 18.1 27.1

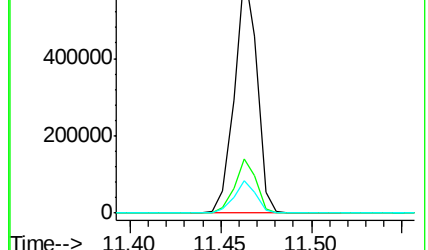
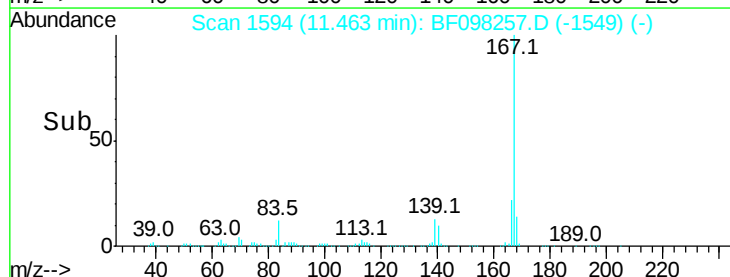
139 13.5 11.7 17.5



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: 41.825 ng

RT: 11.80 min Scan# 1651

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampleId :

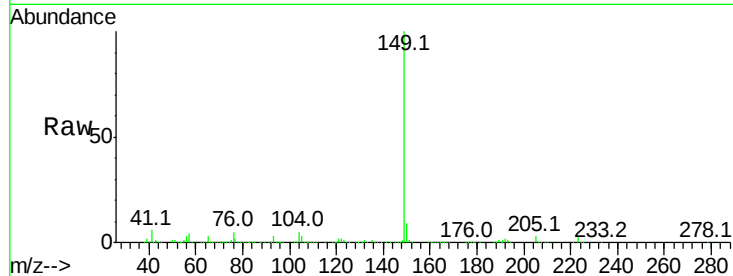
Tot Ion:149 Resp: 600034

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

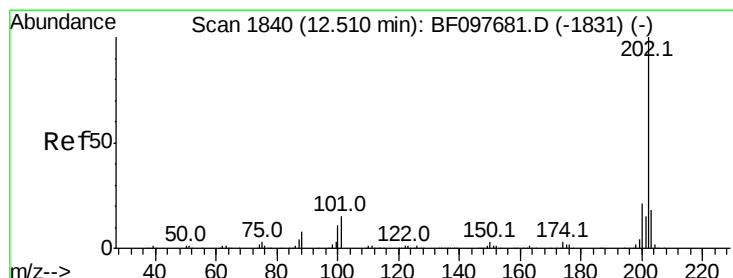
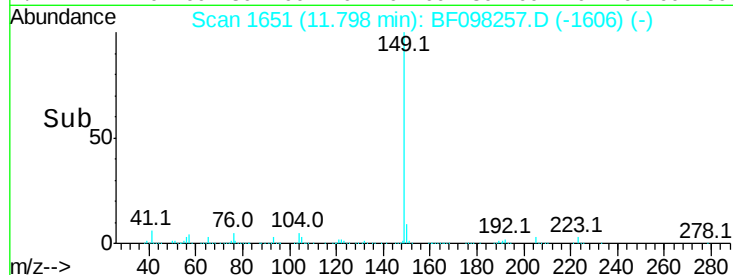
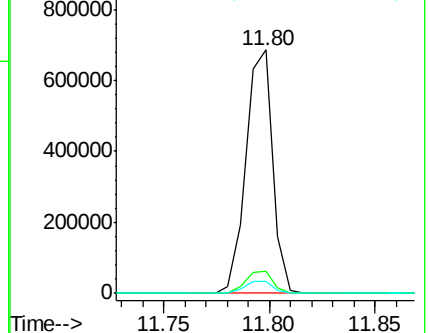
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 67.926 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

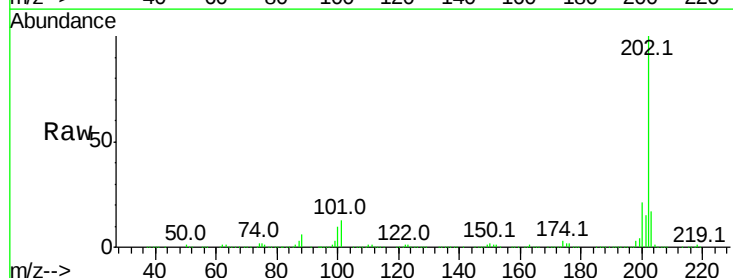
Tgt Ion:202 Resp: 917205

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

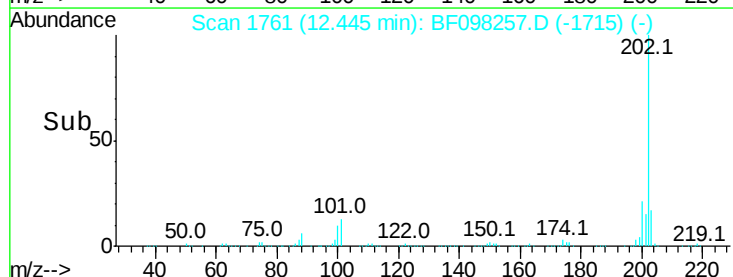
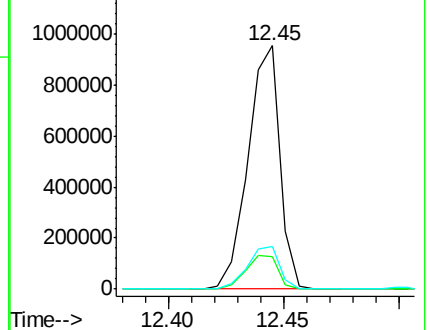
203 17.4 0.0 38.1

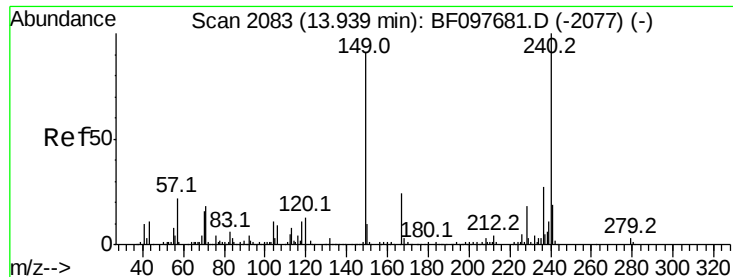


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampleId :

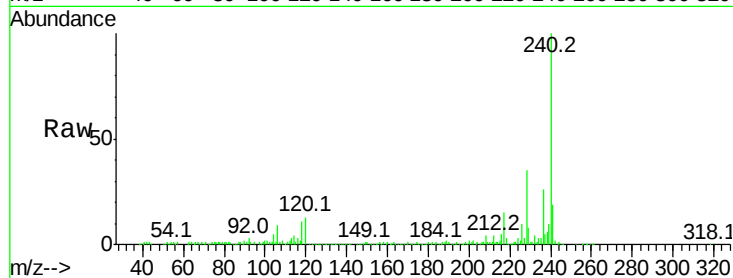
Tot Ion:240 Resp: 230054

Ion Ratio Lower Upper

240 100

120 12.5 5.8 8.8#

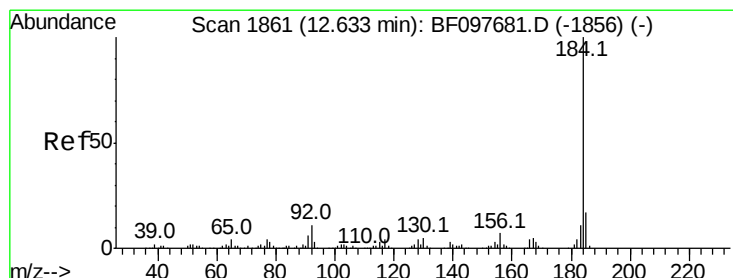
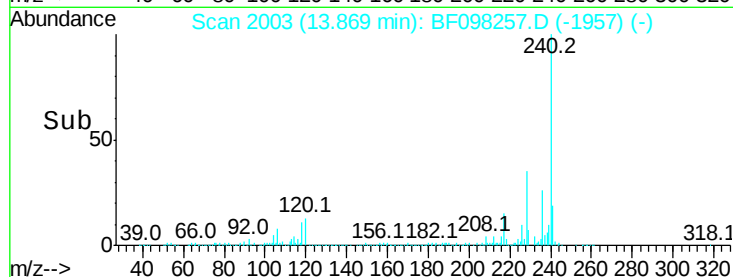
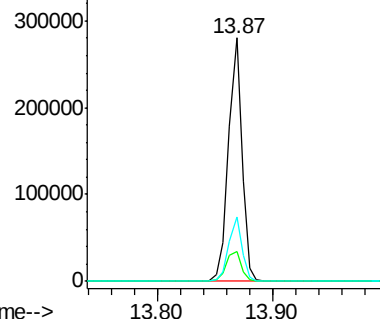
236 26.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.961 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.03 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

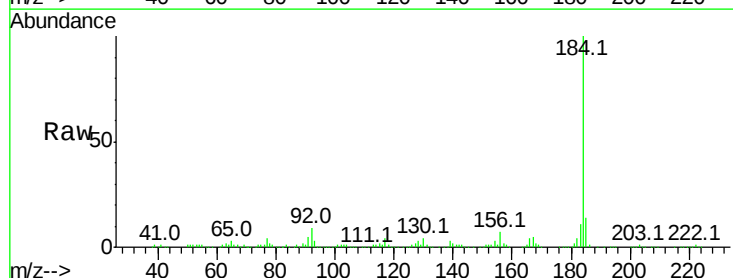
Tgt Ion:184 Resp: 316507

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

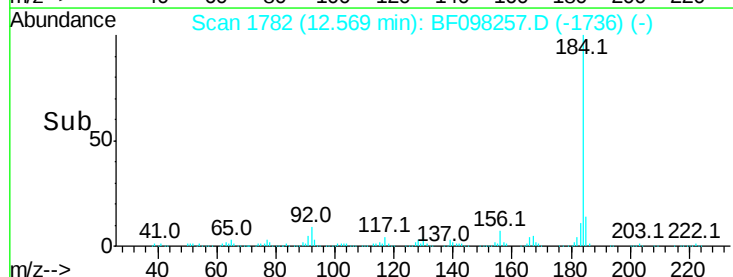
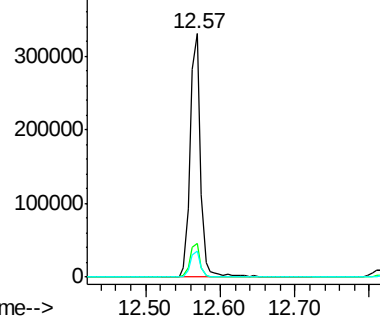
183 10.8 9.8 14.6

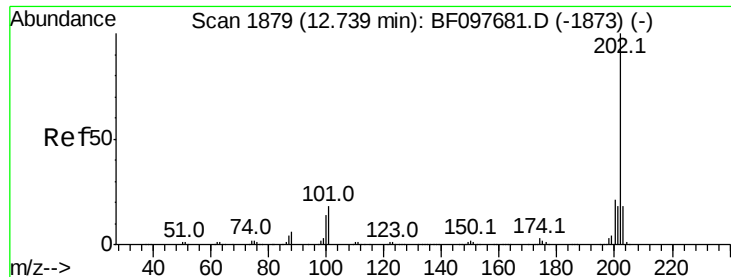


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

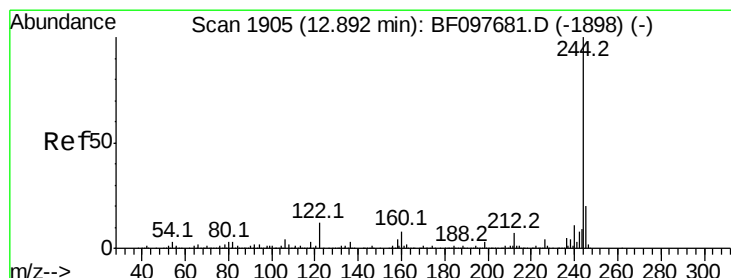
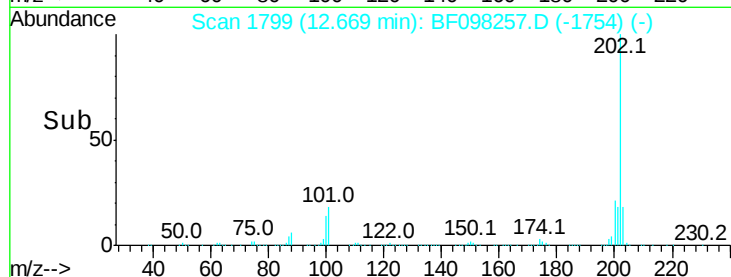
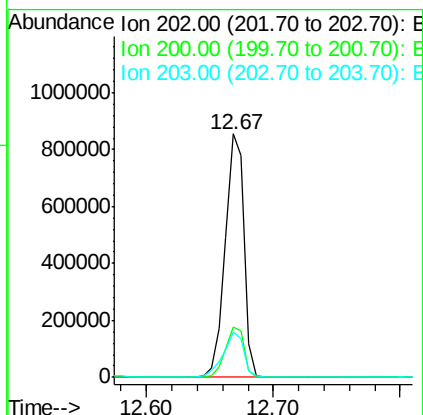
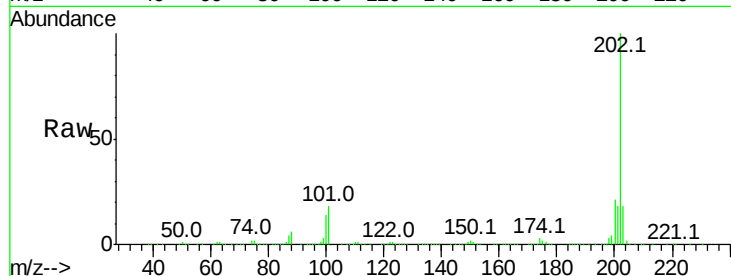




#77
Pvrene
Concen: 46.359 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

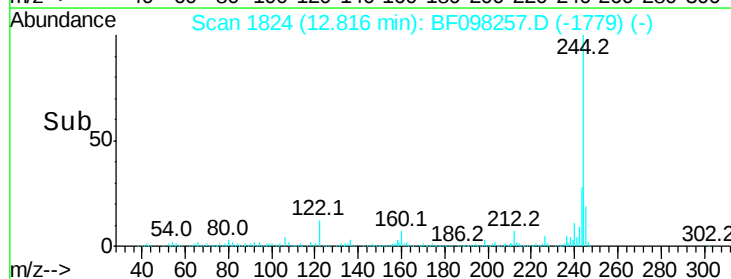
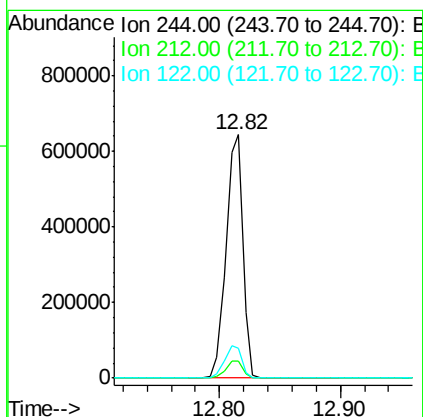
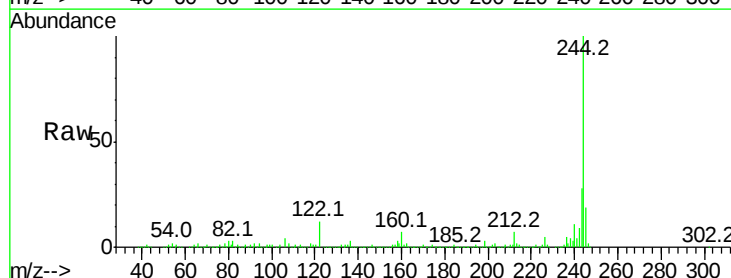
Instrument :
BNA_F
ClientSampleId :

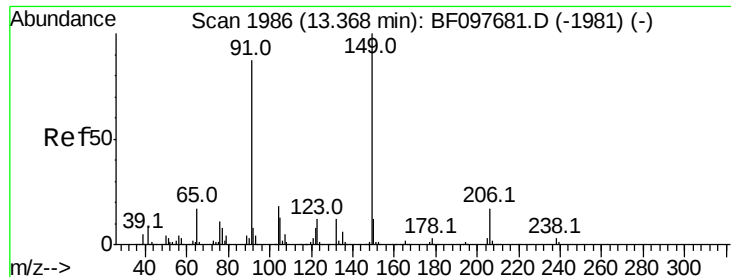
Tot Ion:202 Resp: 872272
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 18.4 14.4 21.6



#78
Terphenyl-d14
Concen: 56.155 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion:244 Resp: 619506
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 12.3 10.3 15.5

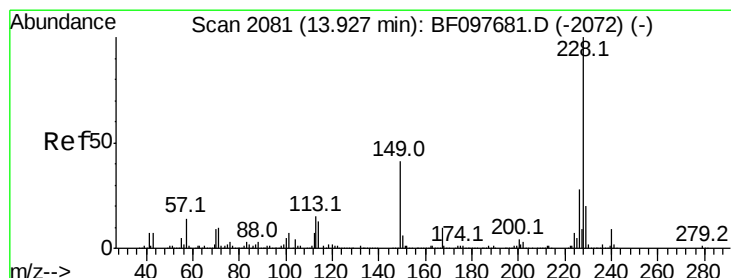
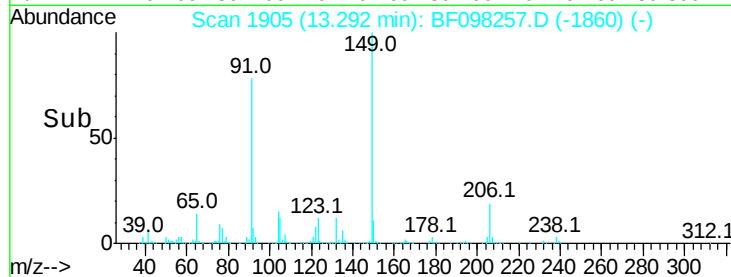
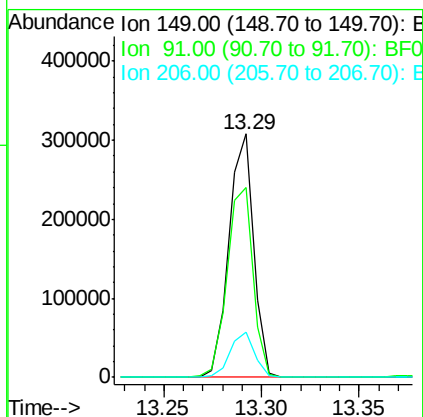
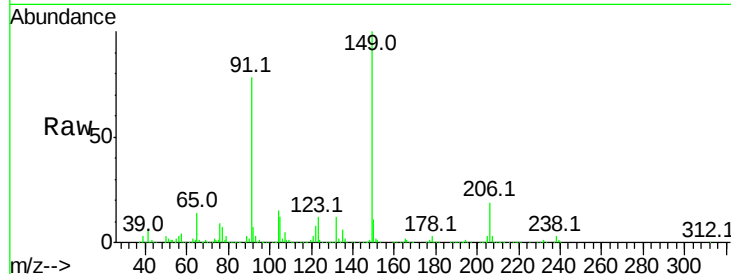




#79
Butylbenzylphthalate
Concen: 37.378 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

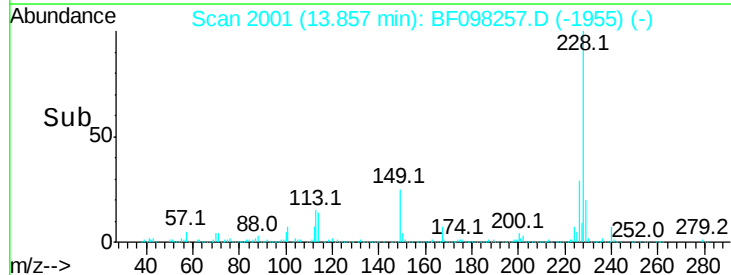
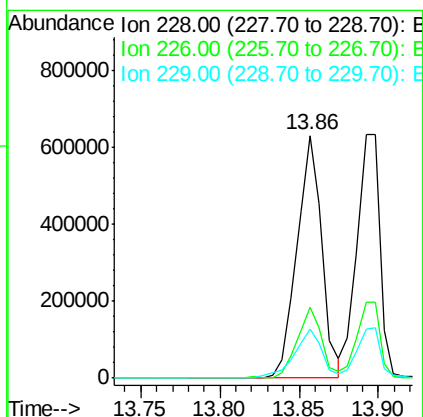
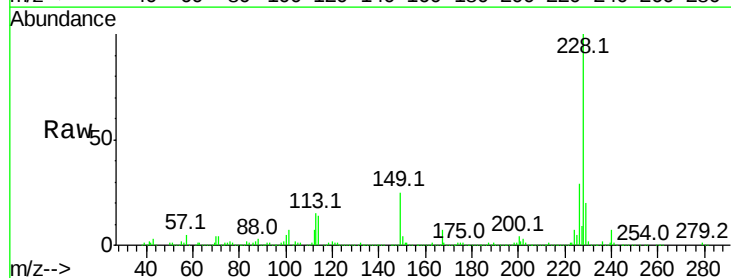
Instrument :
BNA_F
ClientSampleId :

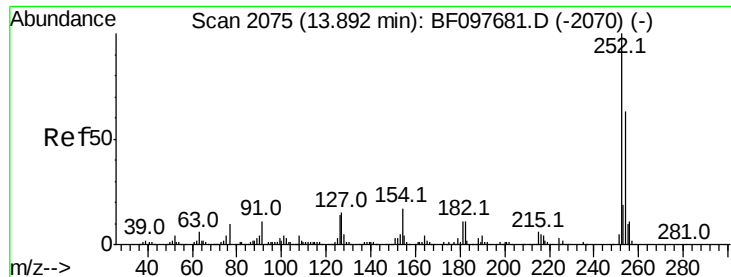
Tot Ion:149 Resp: 269647
Ion Ratio Lower Upper
149 100
91 78.2 45.0 67.4#
206 18.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 49.580 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion:228 Resp: 683608
Ion Ratio Lower Upper
228 100
226 29.0 22.6 33.8
229 20.2 16.3 24.5





#81

3,3'-Dichlorobenzidine

Concen: 38.192 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.03 min

Lab File: BF098257.D

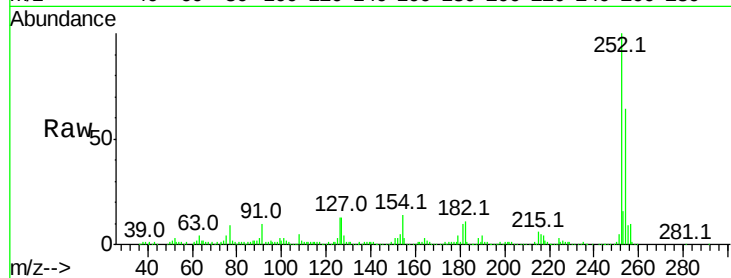
Acq: 2 Sep 2017 20:32

Instrument :

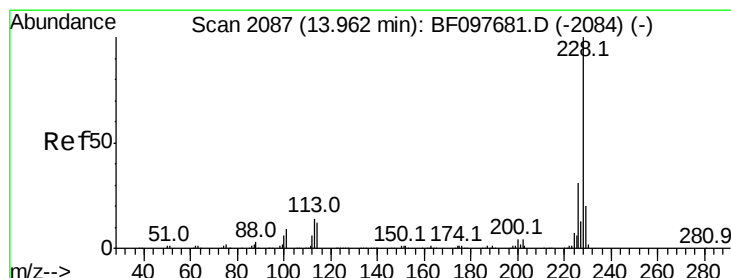
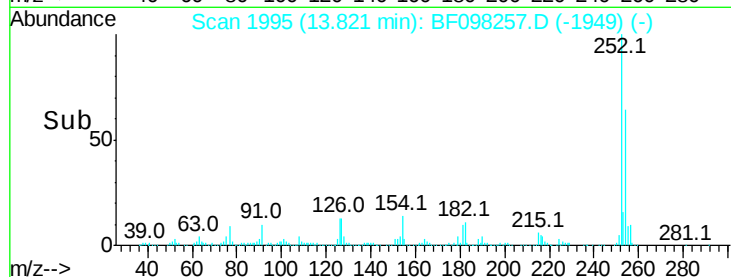
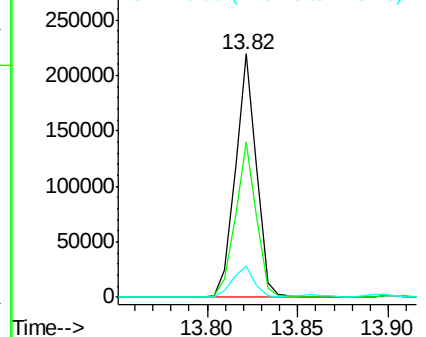
BNA_F

ClientSampled :

Tot Ion:	252	Resp:	177694
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	12.9	15.8	23.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 46.887 ng

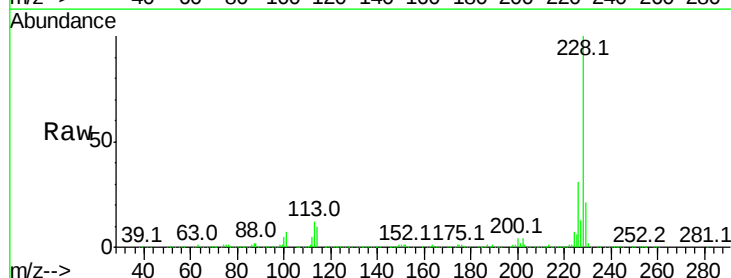
RT: 13.90 min Scan# 2008

Delta R.T. -0.03 min

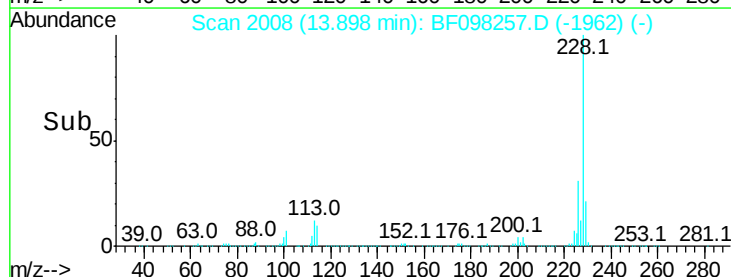
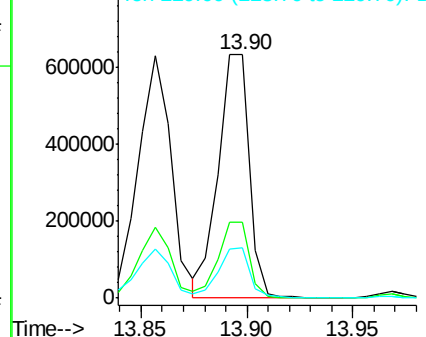
Lab File: BF098257.D

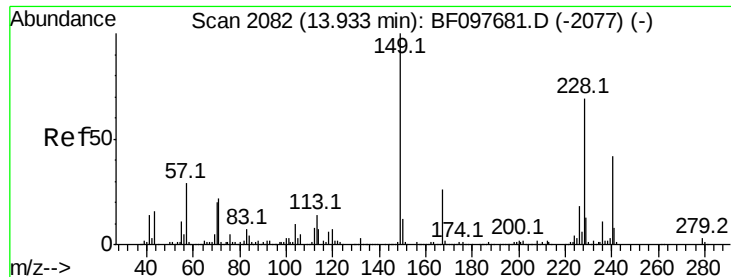
Acq: 2 Sep 2017 20:32

Tgt Ion:	228	Resp:	643095
Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.8	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

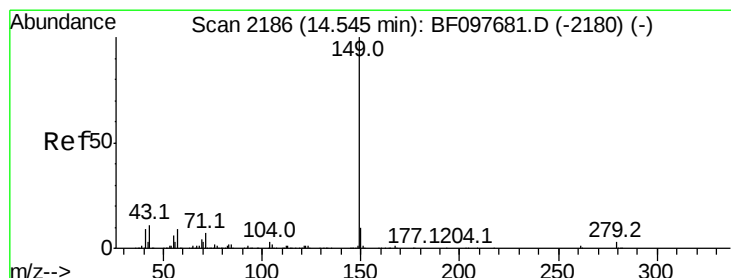
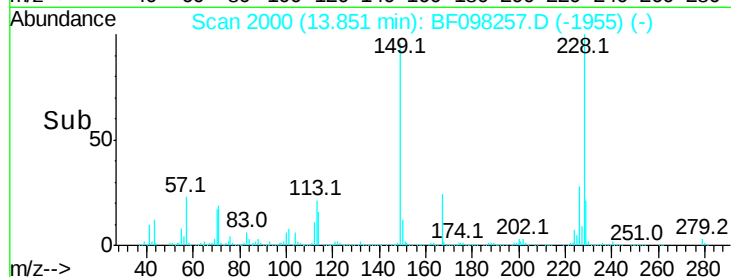
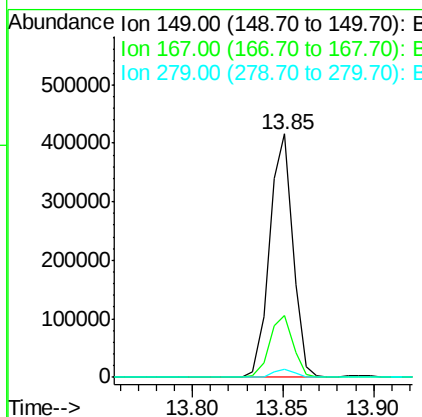
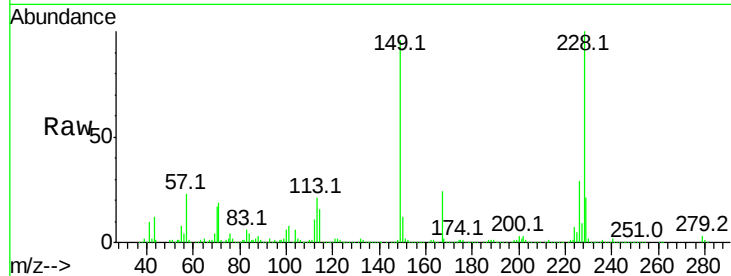




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.138 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

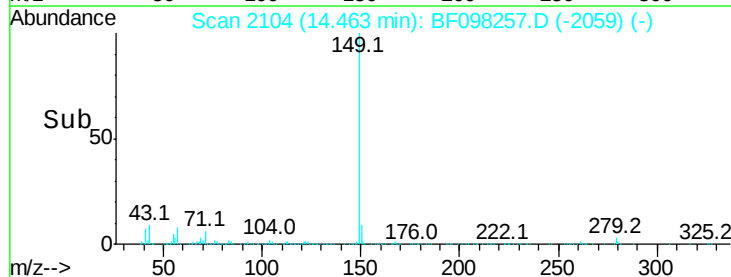
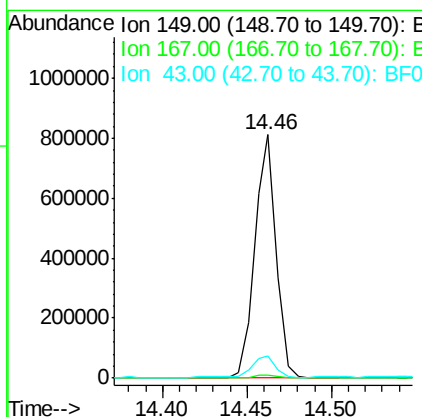
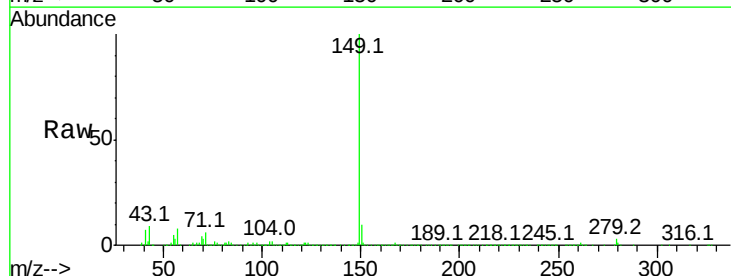
Instrument :
 BNA_F
 ClientSampleId :

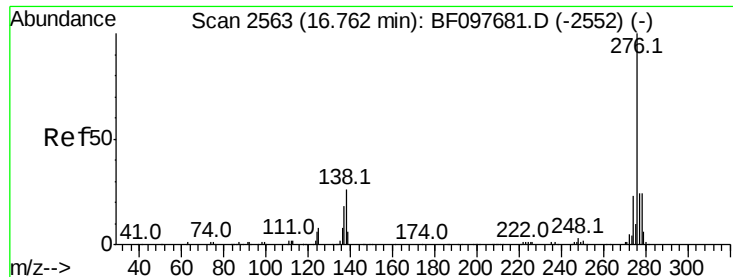
Tot Ion:149 Resp: 368822
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.4
 279 3.4 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 51.095 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.04 min
 Lab File: BF098257.D
 Acq: 2 Sep 2017 20:32

Tgt Ion:149 Resp: 710684
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.5 8.5 12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.930 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.03 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

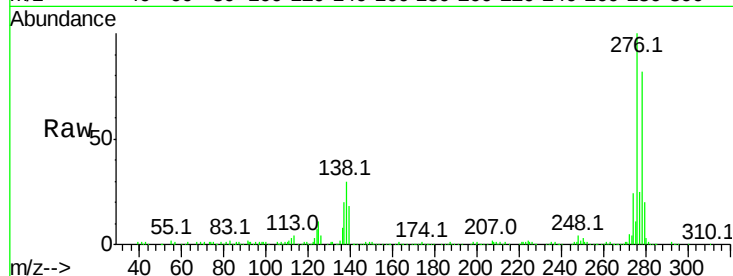
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 463435

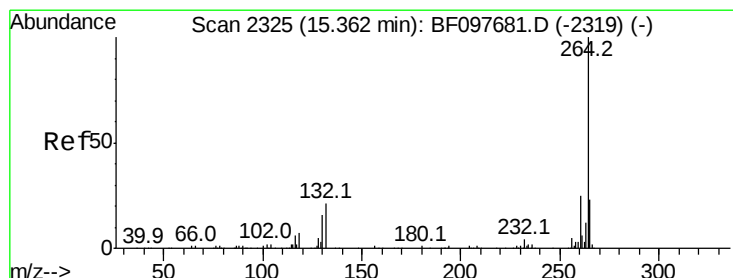
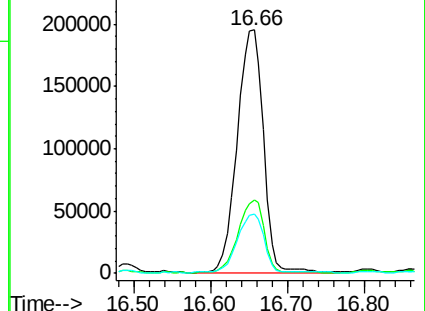
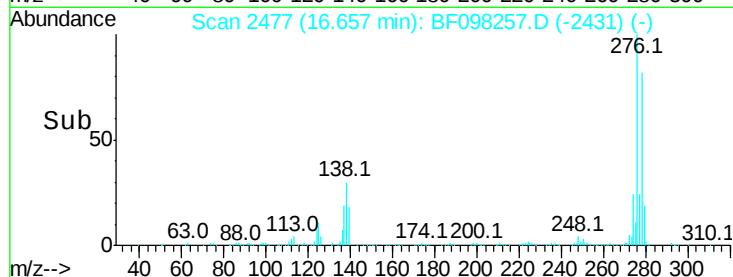
Ion	Ratio	Lower	Upper
276	100		
138	30.2	27.8	41.6
277	24.8	20.2	30.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

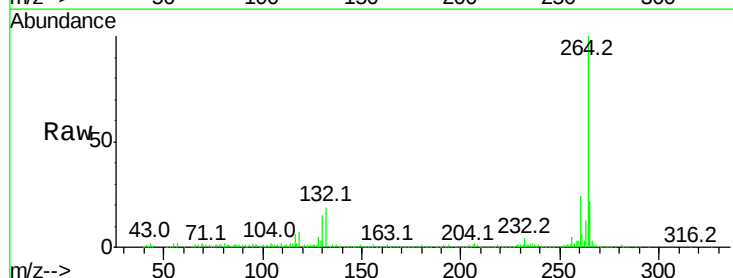
Delta R.T. -0.03 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Tgt Ion:264 Resp: 219305

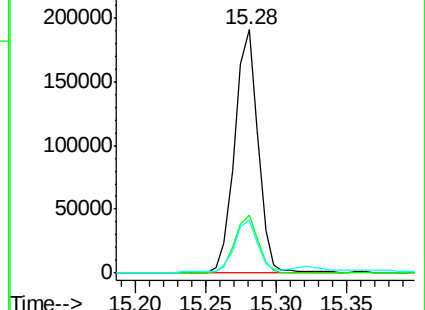
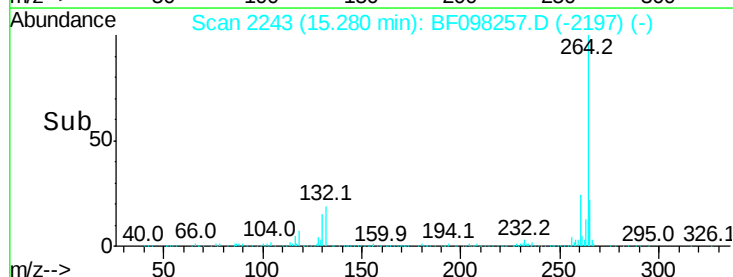
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.9	17.2	25.8

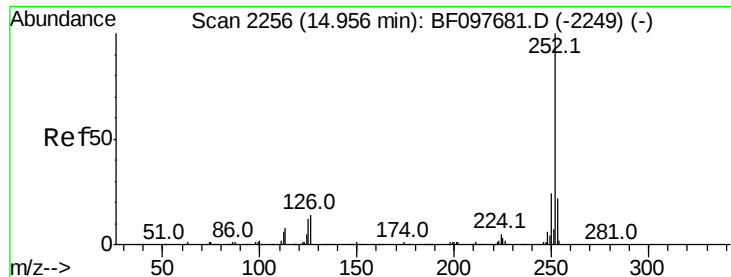


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

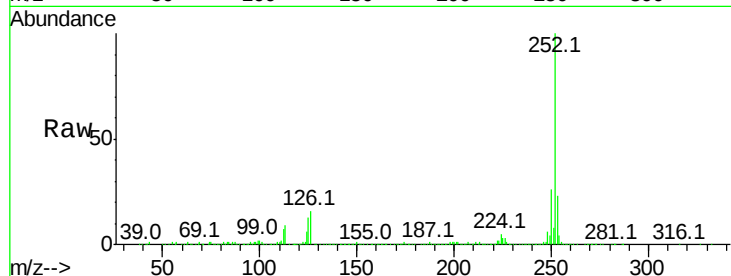




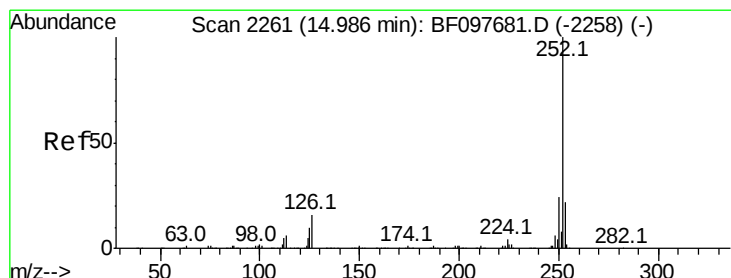
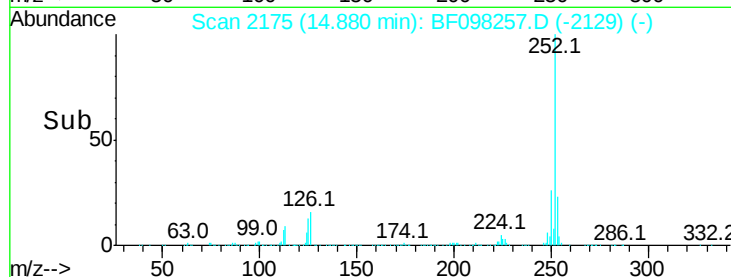
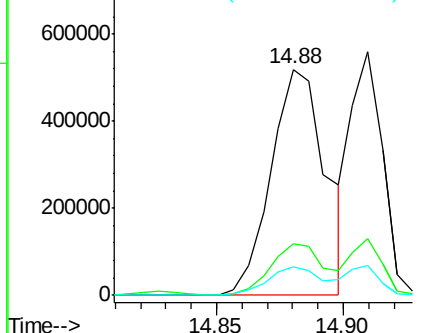
#87
Benzo(b)fluoranthene
Concen: 55.874 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.03 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 772368
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 12.9 9.8 14.8

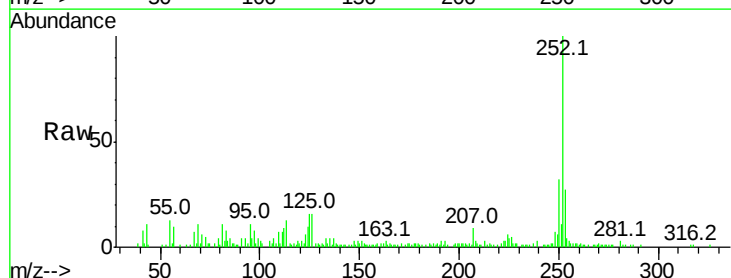


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

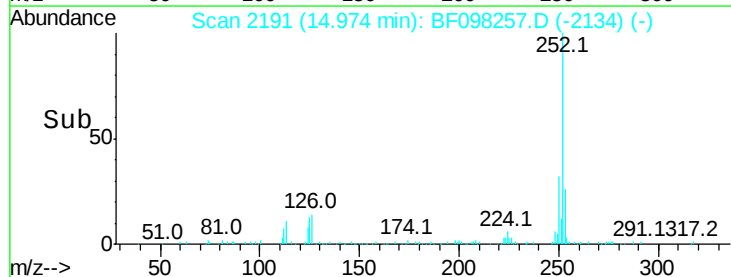
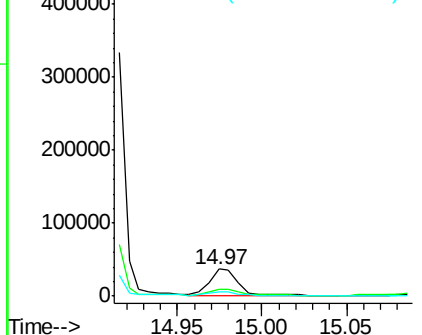


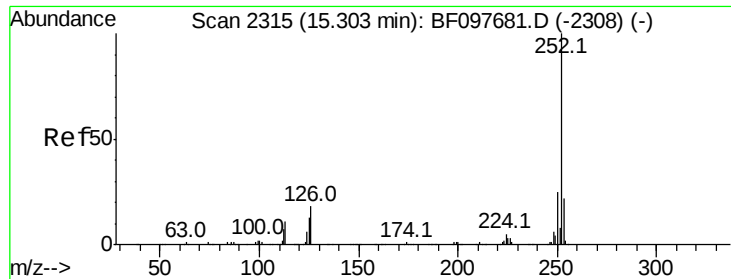
#88
Benzo(k)fluoranthene
Concen: 3.190 ng
RT: 14.97 min Scan# 2191
Delta R.T. 0.04 min
Lab File: BF098257.D
Acq: 2 Sep 2017 20:32

Tgt Ion:252 Resp: 41427
Ion Ratio Lower Upper
252 100
253 27.3 18.4 27.6
125 15.9 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: 49.979 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.03 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampleId :

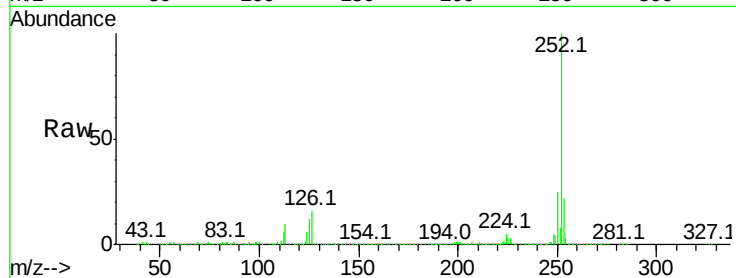
Tot Ion:252 Resp: 611622

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

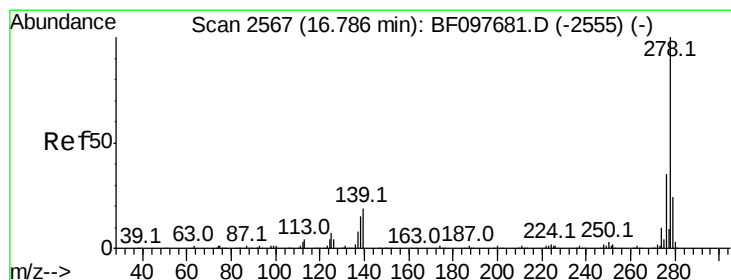
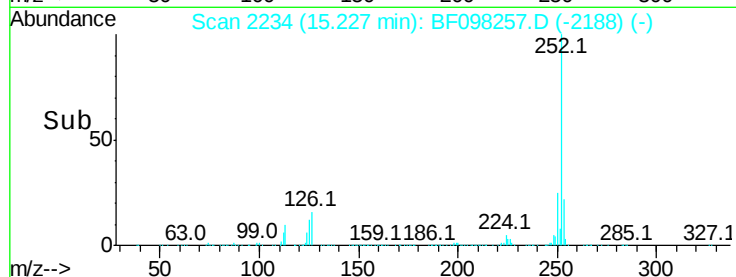
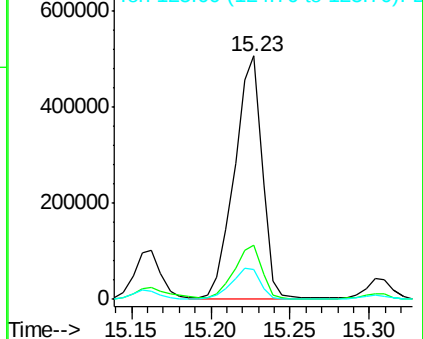
125 12.5 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.167 ng

RT: 16.67 min Scan# 2479

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

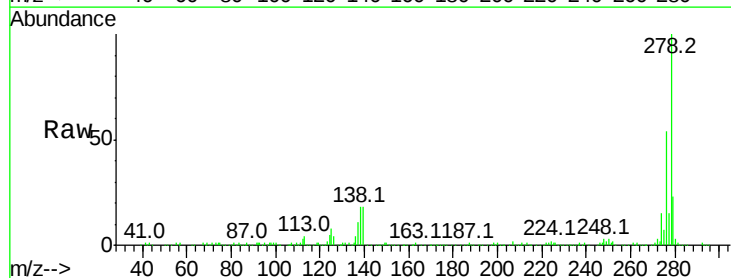
Tgt Ion:278 Resp: 350361

Ion Ratio Lower Upper

278 100

139 18.4 16.6 24.8

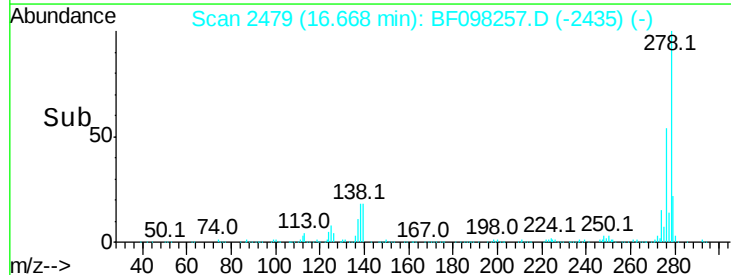
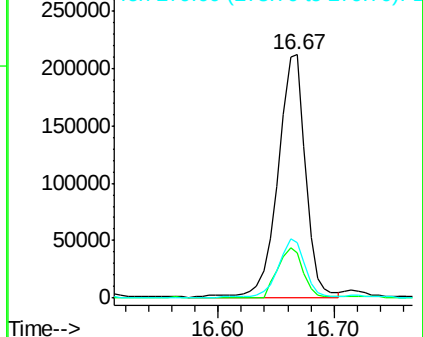
279 22.5 19.3 28.9

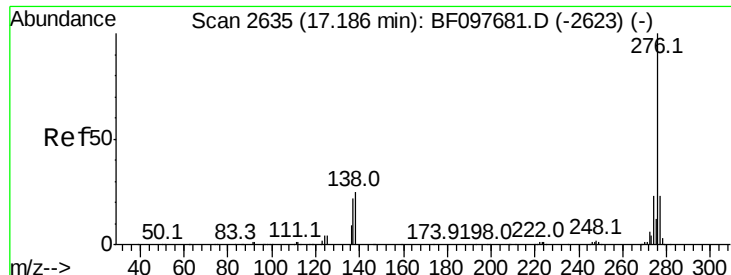


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.079 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.04 min

Lab File: BF098257.D

Acq: 2 Sep 2017 20:32

Instrument :

BNA_F

ClientSampleId :

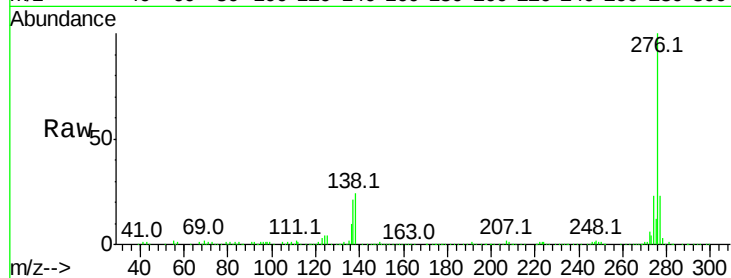
Tot Ion:276 Resp: 364665

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 24.5 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

