

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098454.D
 Acq On : 12 Sep 2017 17:03
 Operator : SJ/JU
 Sample : PB101225BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Quant Time: Sep 13 00:56:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	221563	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	911590	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	393456	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	622725	20.00	ng	0.00
75) Chrysene-d12	13.82	240	390857	20.00	ng	0.00
86) Perylene-d12	15.21	264	345690	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1845926	123.18	ng	0.01
7) Phenol-d6	6.32	99	2233324	117.38	ng	0.00
23) Nitrobenzene-d5	7.24	82	1430630	87.49	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	352271	134.15	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2215234	95.43	ng	0.00
78) Terphenyl-d14	12.76	244	1496729	82.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	260852	33.726	ng	90
3) Pyridine	3.06	79	768926	37.435	ng	87
4) n-Nitrosodimethylamine	3.03	42	383979	38.131	ng	100
6) Aniline	6.33	93	543174	22.756	ng	# 1
8) 2-Chlorophenol	6.46	128	666358	40.439	ng	96
9) Benzaldehyde	6.21	77	432185	34.748	ng	93
10) Phenol	6.33	94	834284	37.751	ng	79
11) bis(2-Chloroethyl)ether	6.41	93	663361	39.812	ng	95
12) 1,3-Dichlorobenzene	6.60	146	677284	40.835	ng	97
13) 1,4-Dichlorobenzene	6.68	146	682595	40.179	ng	95
14) 1,2-Dichlorobenzene	6.83	146	630249	40.719	ng	99
15) Benzyl Alcohol	6.82	79	523072	41.308	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1063955	38.808	ng	54
17) 2-Methylphenol	6.94	107	557404	41.483	ng	# 89
18) Hexachloroethane	7.17	117	246238	37.847	ng	# 82
19) n-Nitroso-di-n-propylamine	7.09	70	475519	39.733	ng	99
20) 3+4-Methylphenols	7.10	107	719189	42.413	ng	# 65
22) Acetophenone	7.08	105	941186	39.947	ng	# 92
24) Nitrobenzene	7.26	77	736682	39.553	ng	95
25) Isophorone	7.50	82	1314798	39.742	ng	98
26) 2-Nitrophenol	7.57	139	339827	45.189	ng	# 81
27) 2,4-Dimethylphenol	7.62	122	592380	41.322	ng	95
28) bis(2-Chloroethoxy)methane	7.70	93	844108	41.814	ng	99
29) 2,4-Dichlorophenol	7.82	162	526447	44.155	ng	94
30) 1,2,4-Trichlorobenzene	7.89	180	565497	43.602	ng	99
31) Naphthalene	7.97	128	1871968	41.539	ng	99
32) Benzoic acid	7.77	122	304455	34.372	ng	99
33) 4-Chloroaniline	8.03	127	285034	15.563	ng	96
34) Hexachlorobutadiene	8.09	225	286210	42.987	ng	99
35) Caprolactam	8.41	113	108978	26.506	ng	# 76
36) 4-Chloro-3-methylphenol	8.53	107	597284	40.395	ng	# 83
37) 2-Methylnaphthalene	8.66	142	1198781	43.916	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	496425	40.505	ng	99
40) Hexachlorocyclopentadiene	8.81	237	143773	44.966	ng	99

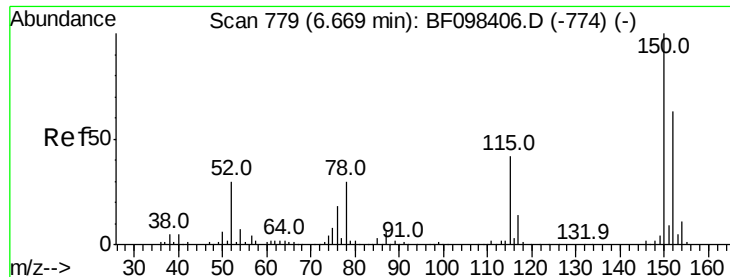
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098454.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	328651	45.653	ng	92
43) 2,4,5-Trichlorophenol	8.99	196	342877	45.569	ng	95
45) 1,1'-Biphenyl	9.13	154	1404421	39.879	ng	97
46) 2-Chloronaphthalene	9.15	162	1070440	42.561	ng	94
47) 2-Nitroaniline	9.26	65	417817	43.282	ng	97
48) Acenaphthylene	9.56	152	1511268	40.413	ng	99
49) Dimethylphthalate	9.43	163	1300282	42.693	ng	99
50) 2,6-Dinitrotoluene	9.50	165	274590	43.891	ng	# 74
51) Acenaphthene	9.73	154	969734	40.795	ng	98
52) 3-Nitroaniline	9.66	138	176968	23.433	ng	98
53) 2,4-Dinitrophenol	9.78	184	38313	20.100	ng	# 74
54) Dibenzofuran	9.90	168	1335615	42.650	ng	98
55) 4-Nitrophenol	9.85	139	350524	80.787	ng	# 45
56) 2,4-Dinitrotoluene	9.90	165	308712	40.589	ng	# 48
57) Fluorene	10.25	166	1020817	39.383	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	240273	47.515	ng	97
59) Diethylphthalate	10.13	149	1212338	41.855	ng	99
60) 4-Chlorophenyl-phenylether	10.24	204	493259	41.200	ng	91
61) 4-Nitroaniline	10.28	138	251958	33.036	ng	88
62) Azobenzene	10.40	77	1251646	40.093	ng	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	38980	14.114	ng	78
65) n-Nitrosodiphenylamine	10.36	169	958957	47.426	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	291424	49.308	ng	96
67) Hexachlorobenzene	10.79	284	268003	44.705	ng	# 82
68) Atrazine	10.89	200	295264	47.432	ng	97
69) Pentachlorophenol	10.99	266	228970	85.737	ng	97
70) Phenanthrene	11.20	178	1426547	43.212	ng	99
71) Anthracene	11.26	178	1447495	42.707	ng	99
72) Carbazole	11.42	167	1243389	39.363	ng	99
73) Di-n-butylphthalate	11.74	149	1711782	45.229	ng	100
74) Fluoranthene	12.39	202	1277624	38.660	ng	98
76) Benzidine	12.52	184	832912	48.151	ng	# 93
77) Pyrene	12.62	202	1293200	41.942	ng	99
79) Butylbenzylphthalate	13.24	149	612396	45.782	ng	# 83
80) Benzo(a)anthracene	13.80	228	985442	43.004	ng	99
81) 3,3'-Dichlorobenzidine	13.77	252	371156	41.678	ng	# 97
82) Chrysene	13.84	228	983024	42.439	ng	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	773842	46.096	ng	# 98
84) Di-n-octyl phthalate	14.40	149	1380617	47.934	ng	98
85) Indeno(1,2,3-cd)pyrene	16.56	276	709755	43.674	ng	98
87) Benzo(b)fluoranthene	14.82	252	955914	43.978	ng	98
88) Benzo(k)fluoranthene	14.84	252	866321	42.693	ng	98
89) Benzo(a)pyrene	15.16	252	848544	43.820	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	594858	42.229	ng	96
91) Benzo(g,h,i)perylene	16.96	276	567425	40.049	ng	98

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

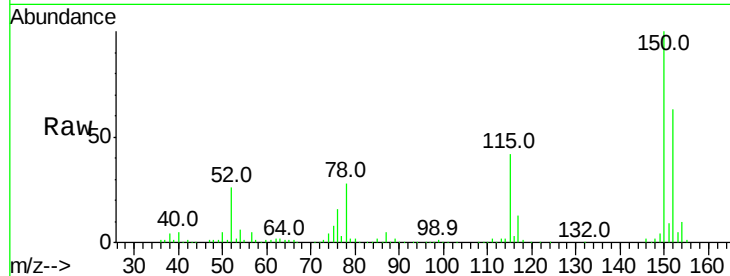


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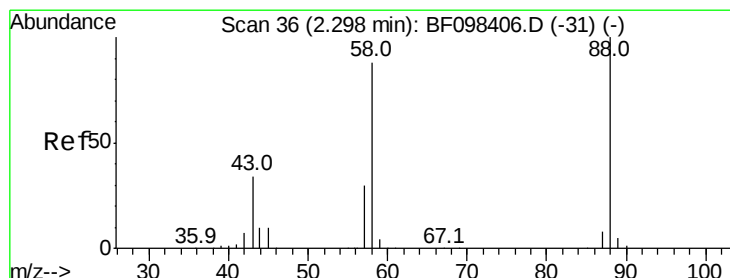
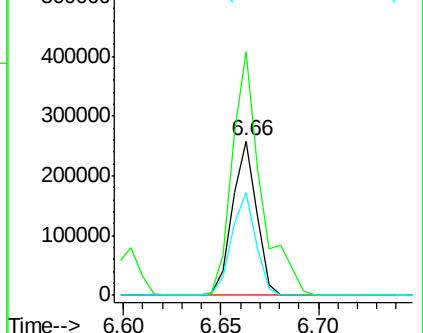
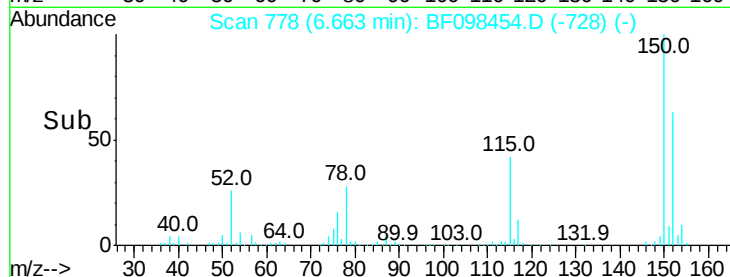
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tot Ion:152 Resp: 221563
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.2
115 66.3 52.2 78.2



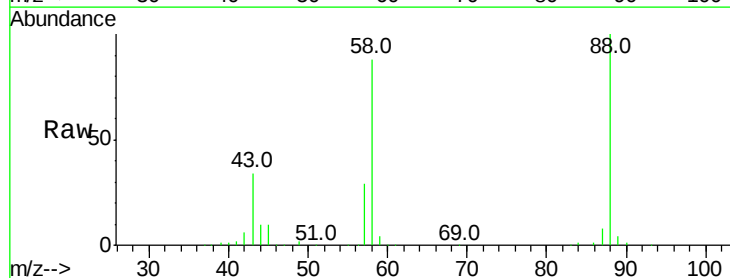
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



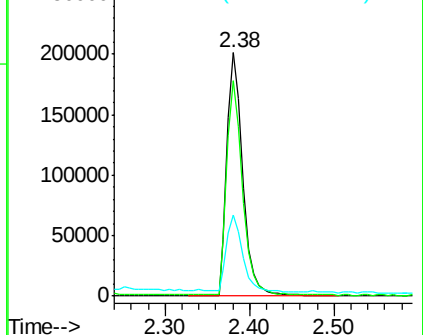
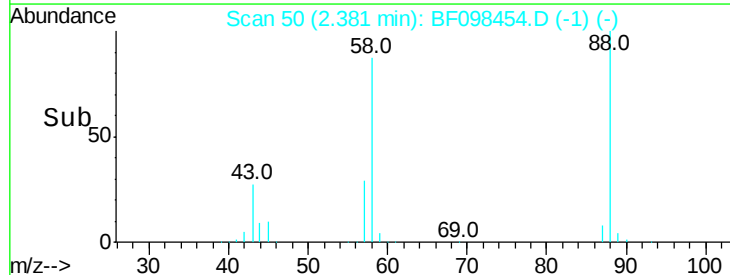
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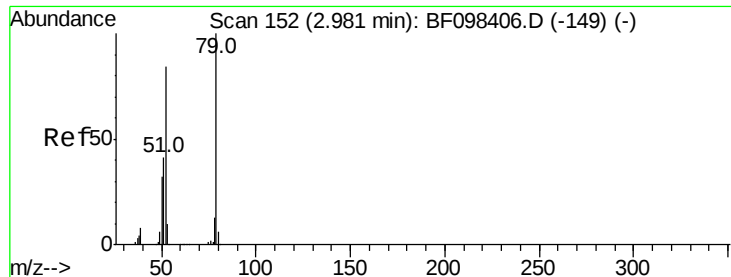
1,4-Dioxane
Concen: 33.726 ng
RT: 2.38 min Scan# 50
Delta R.T. 0.08 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion: 88 Resp: 260852
Ion Ratio Lower Upper
88 100
58 86.6 61.4 92.0
43 32.4 23.4 35.0



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





#3

Pvridine

Concen: 37.435 ng

RT: 3.06 min Scan# 166

Delta R.T. 0.08 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

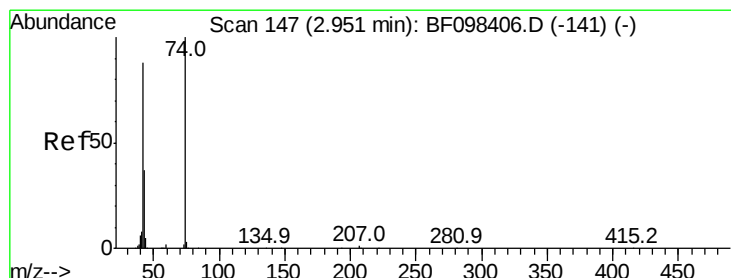
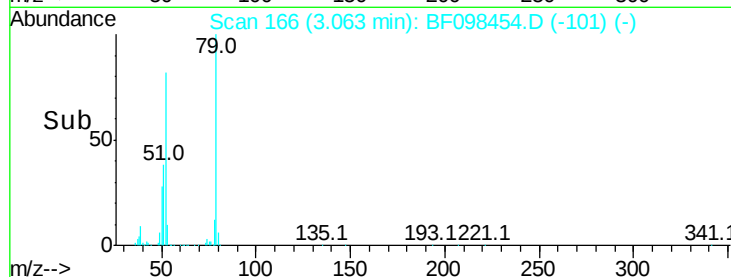
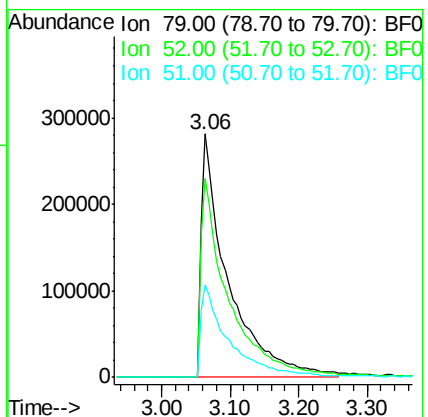
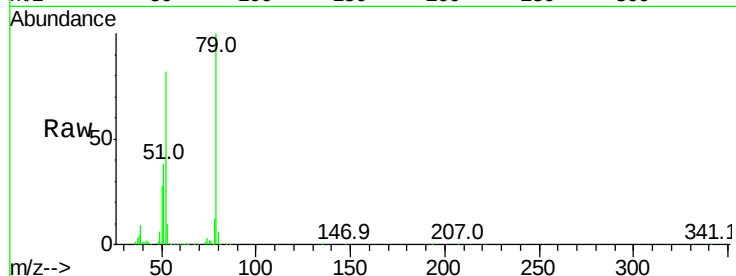
Tot Ion: 79 Resp: 768926

Ion Ratio Lower Upper

79 100

52 81.7 54.8 82.2

51 37.8 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 38.131 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.08 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

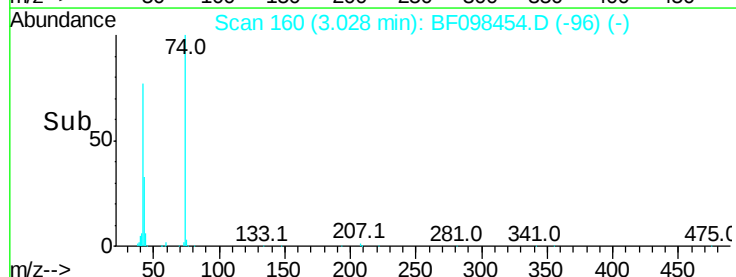
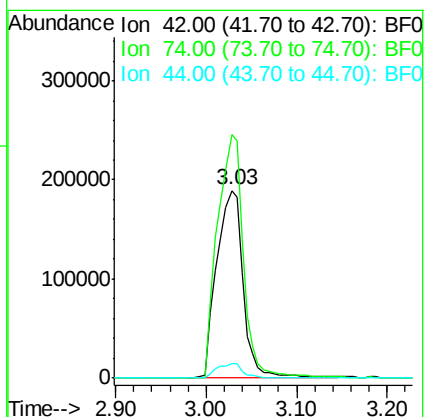
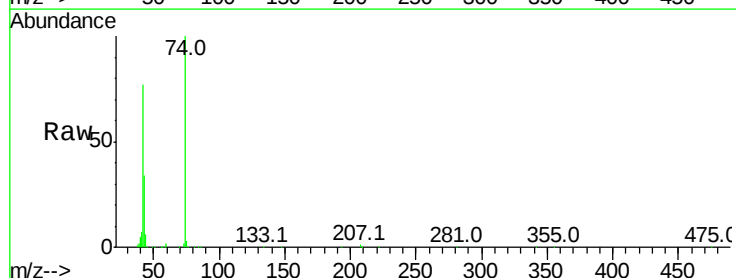
Tgt Ion: 42 Resp: 383979

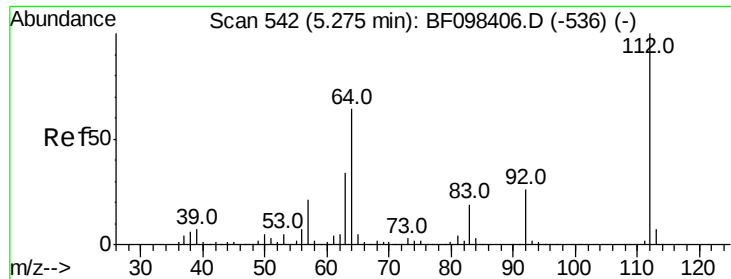
Ion Ratio Lower Upper

42 100

74 129.8 103.9 155.9

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 123.181 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

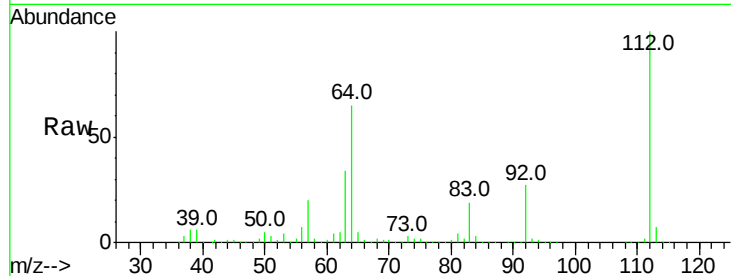
Tot Ion:112 Resp: 1845926

Ion Ratio Lower Upper

112 100

64 64.9 46.0 69.0

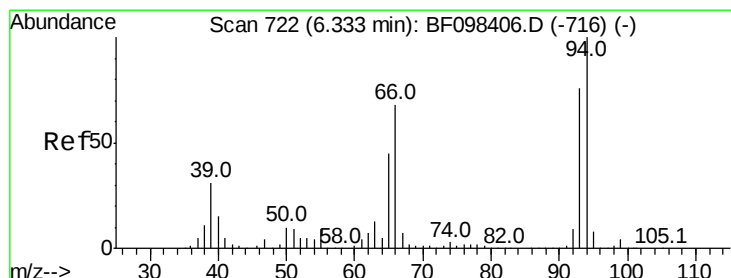
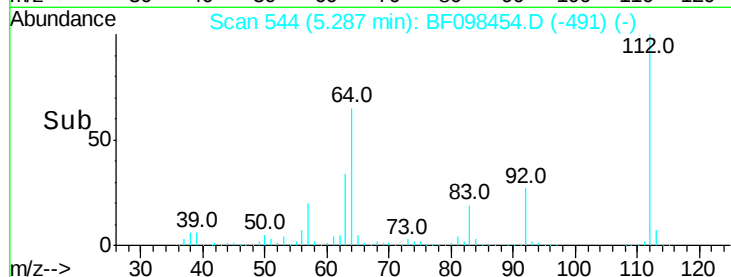
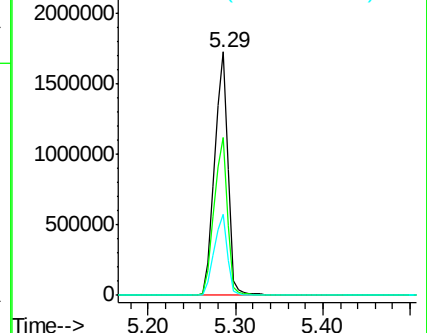
63 33.5 23.4 35.0



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: 22.756 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

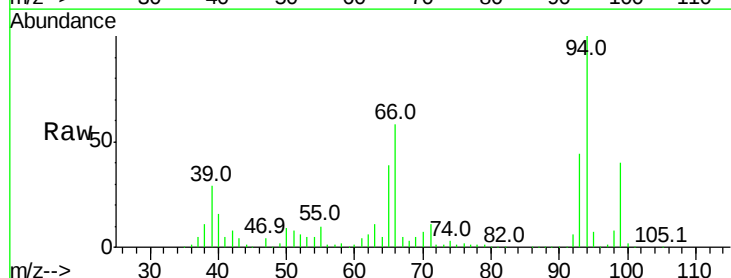
Tgt Ion: 93 Resp: 543174

Ion Ratio Lower Upper

93 100

66 132.2 32.9 49.3#

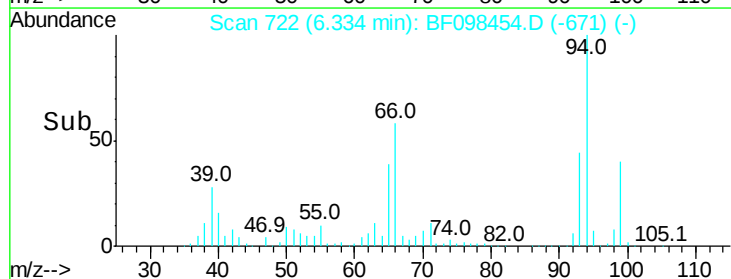
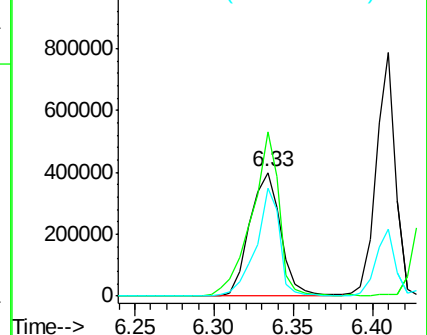
65 87.4 16.0 24.0#

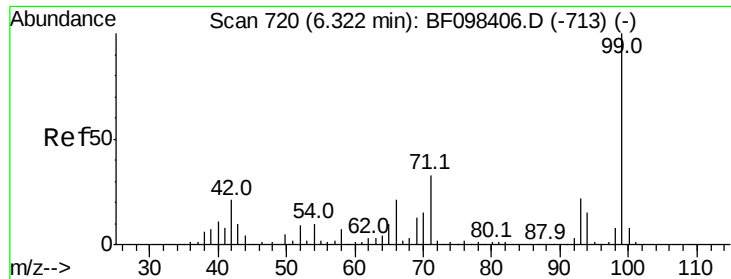


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.380 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

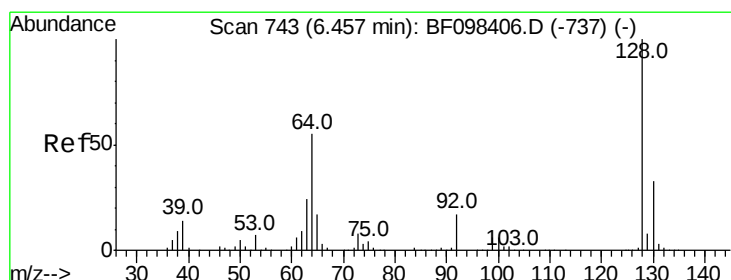
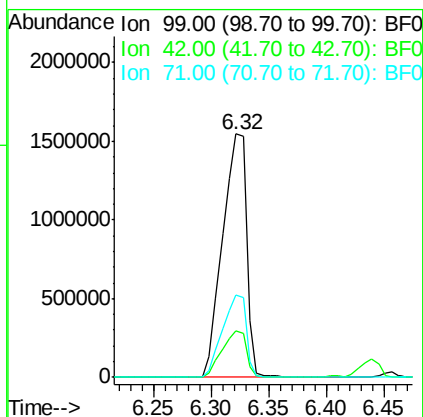
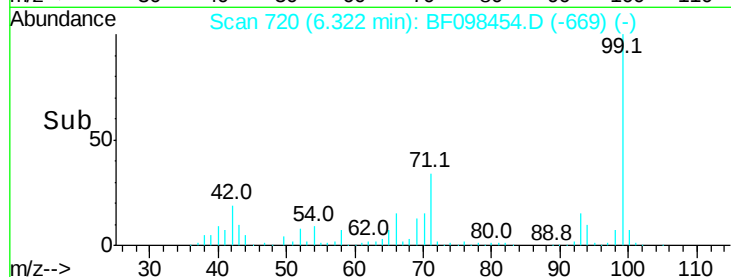
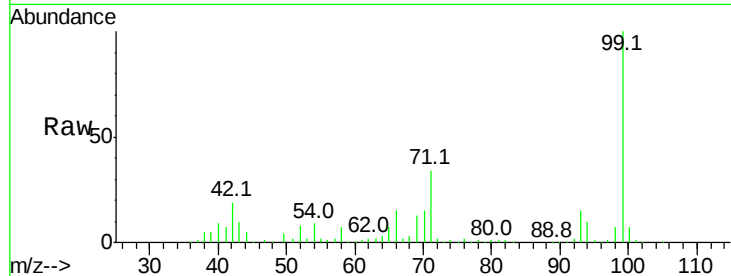
BNA_F

ClientSampleId :

PB102265BS

Tot Ion: 99 Resp: 2233324

Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.5	20.3
71	33.8	24.5	36.7



#8

2-Chlorophenol

Concen: 40.439 ng

RT: 6.46 min Scan# 743

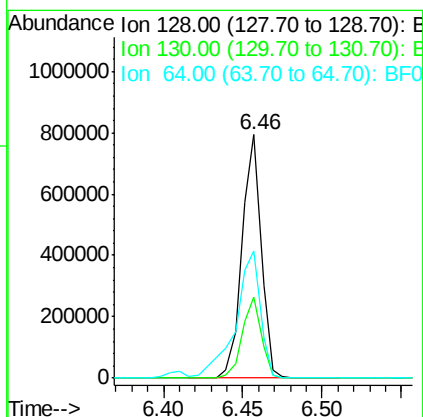
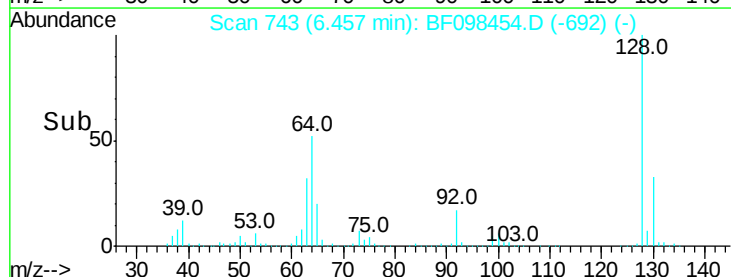
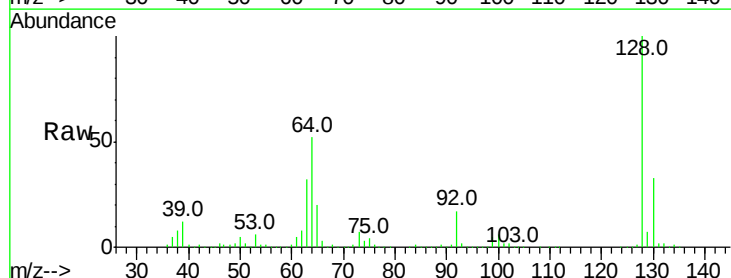
Delta R.T. 0.00 min

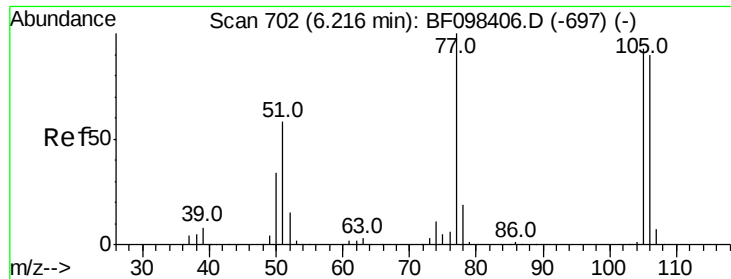
Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Tgt Ion: 128 Resp: 666358

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	52.3	28.4	68.4





#9

Benzaldehyde

Concen: 34.748 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

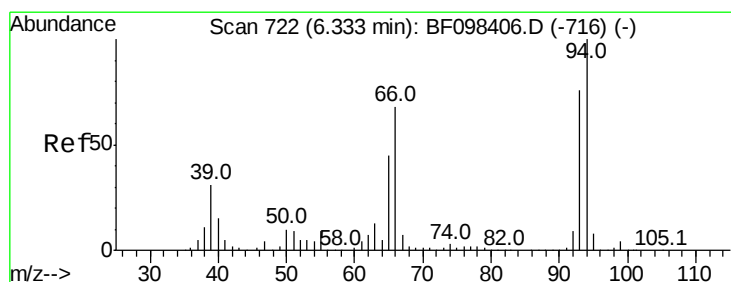
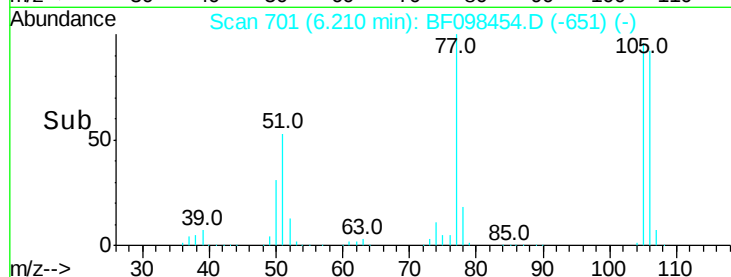
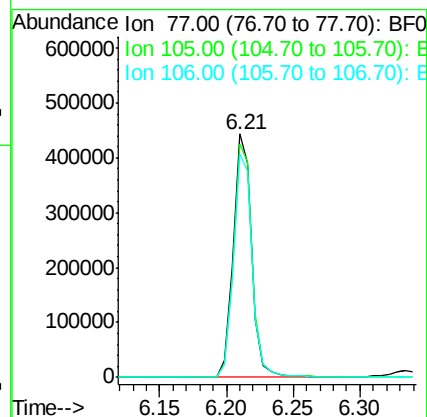
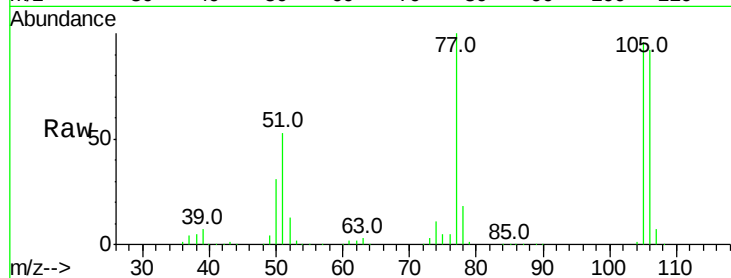
Tot Ion: 77 Resp: 432185

Ion Ratio Lower Upper

77 100

105 96.0 83.8 123.8

106 91.9 79.1 119.1



#10

Phenol

Concen: 37.751 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

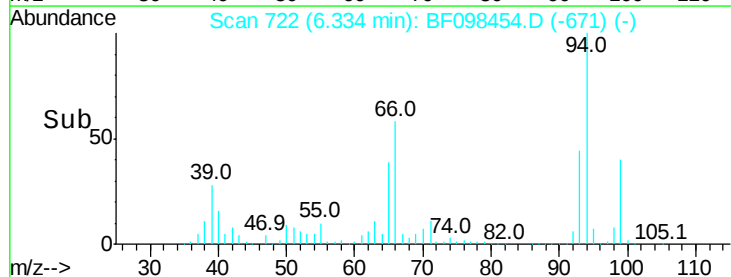
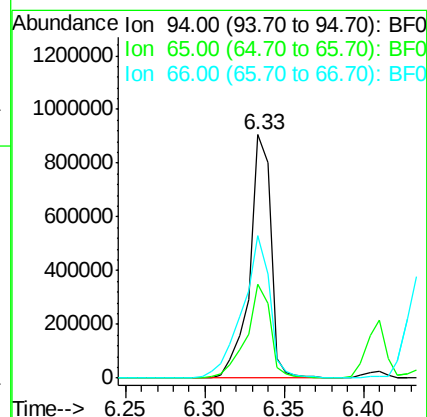
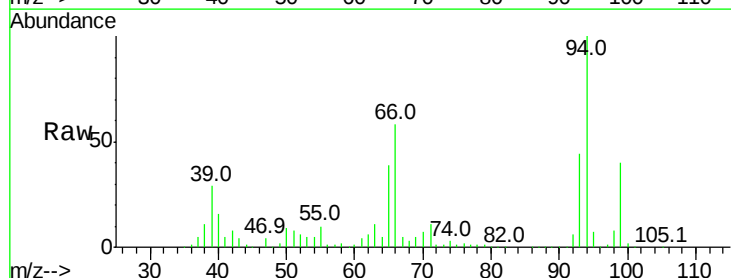
Tgt Ion: 94 Resp: 834284

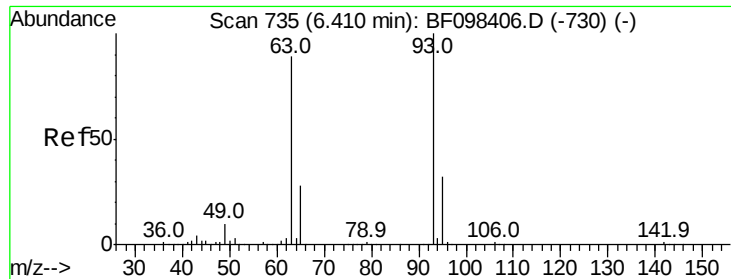
Ion Ratio Lower Upper

94 100

65 38.6 9.9 49.9

66 58.4 23.1 63.1

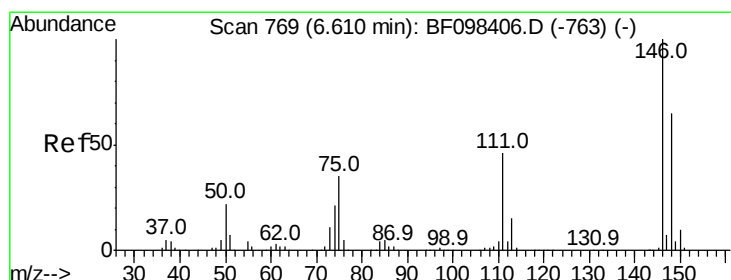
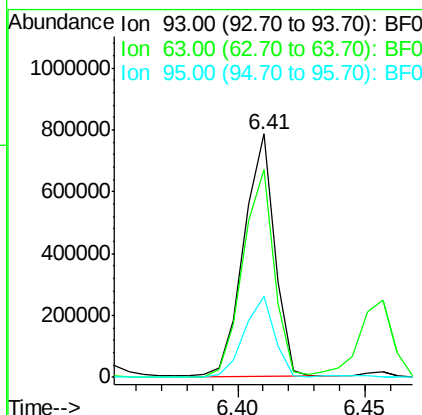
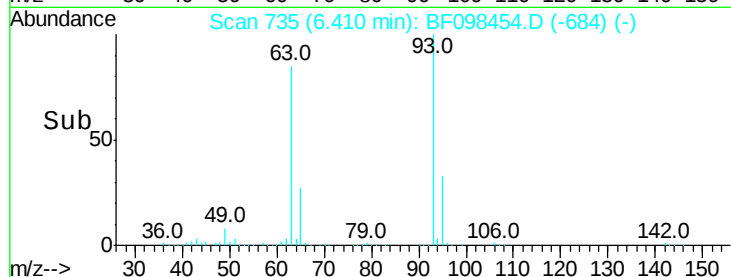
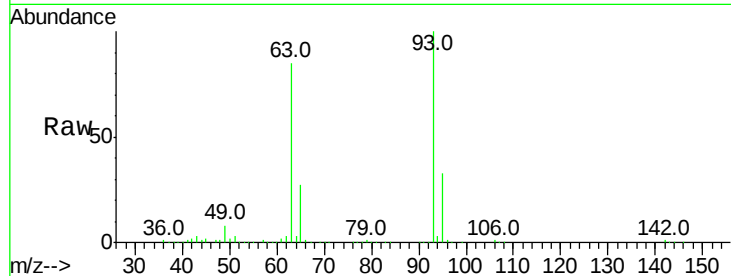




#11
 bis(2-Chloroethyl)ether
 Concen: 39.812 ng
 RT: 6.41 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

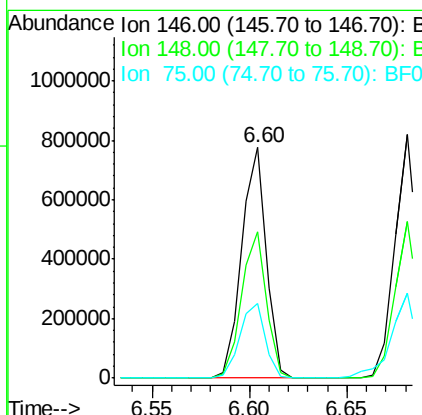
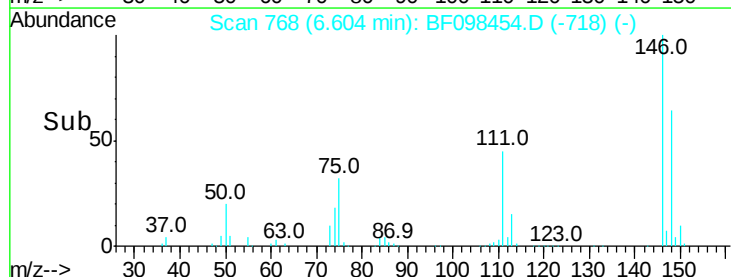
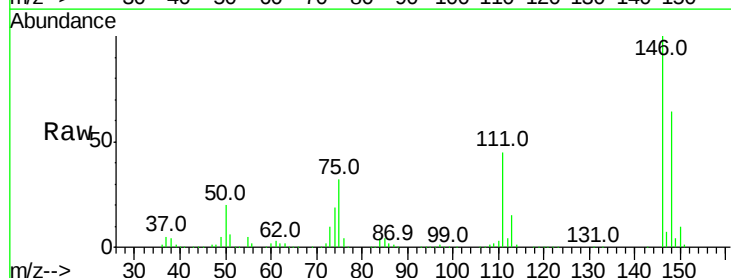
Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

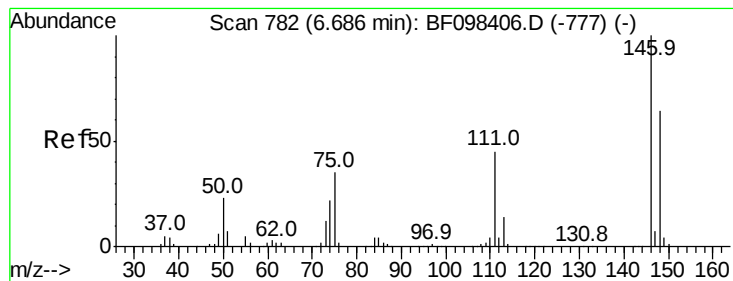
Tot Ion:	93	Resp:	663361
Ion	Ratio	Lower	Upper
93	100		
63	85.3	59.2	99.2
95	33.2	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 40.835 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:	146	Resp:	677284
Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
75	32.1	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.179 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

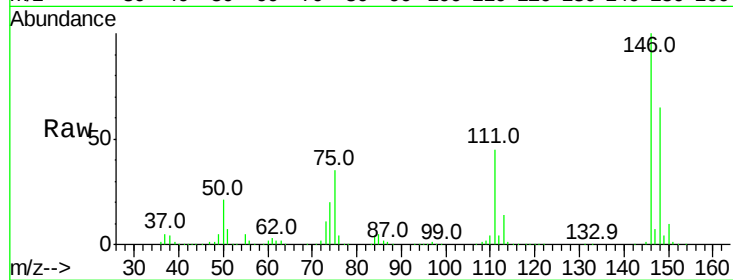
Tot Ion:146 Resp: 682595

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

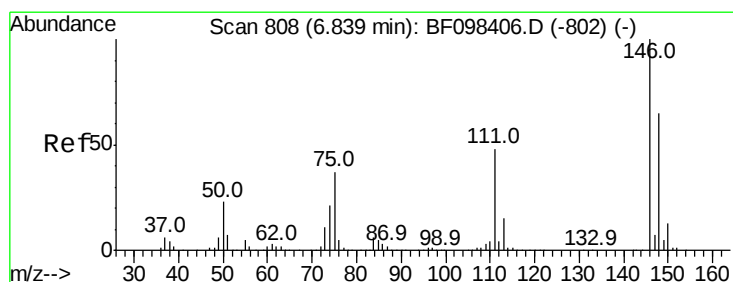
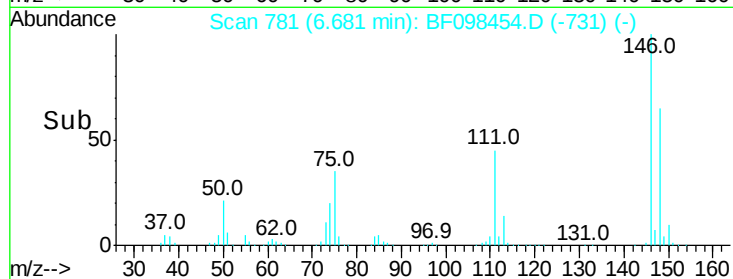
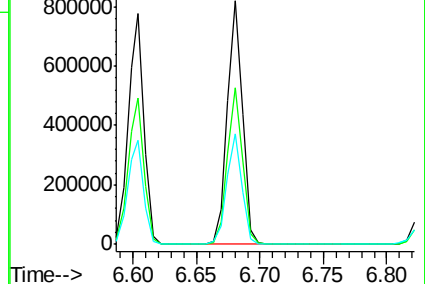
111 45.2 30.3 45.5



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: 40.719 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

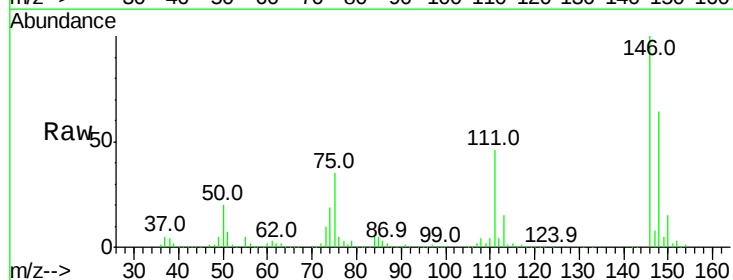
Tgt Ion:146 Resp: 630249

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

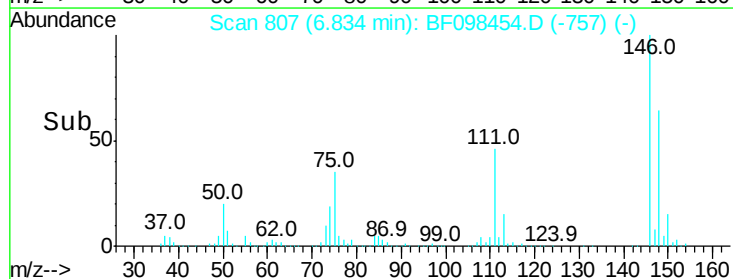
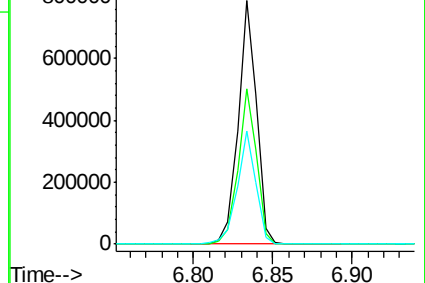
111 46.3 38.2 57.4

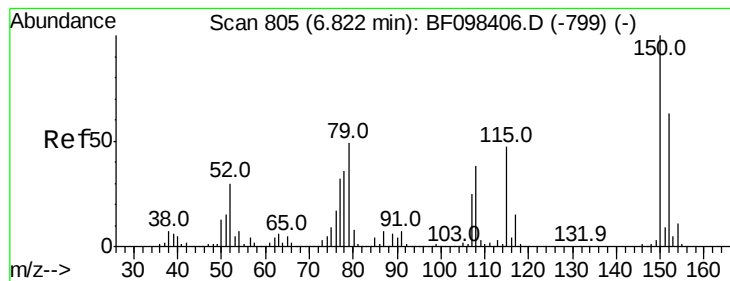


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.308 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

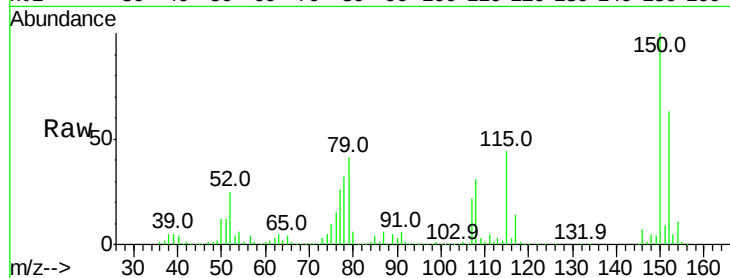
Tot Ion: 79 Resp: 523072

Ion Ratio Lower Upper

79 100

108 77.5 63.4 95.0

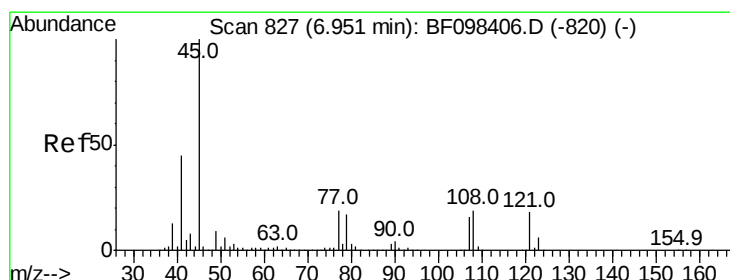
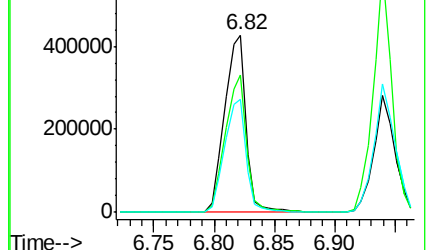
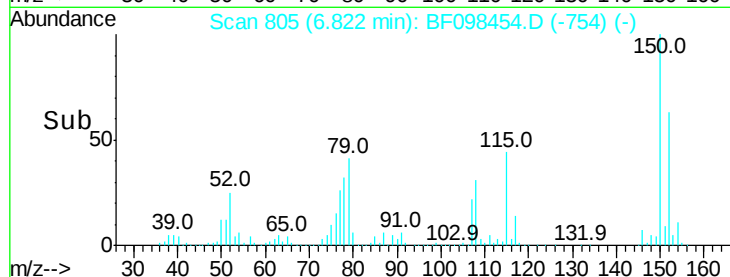
77 63.7 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.808 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

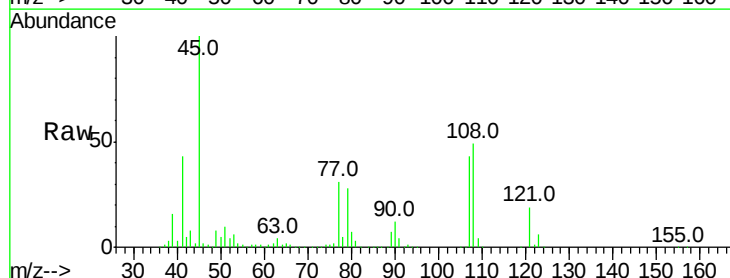
Tgt Ion: 45 Resp: 1063955

Ion Ratio Lower Upper

45 100

77 30.5 0.0 33.2

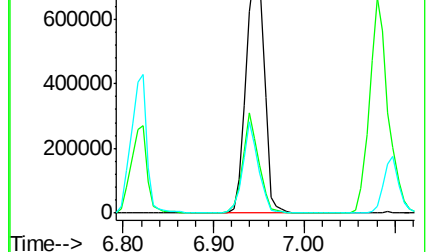
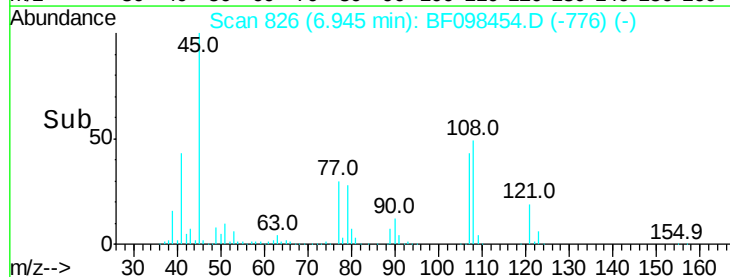
79 28.3 0.0 30.0

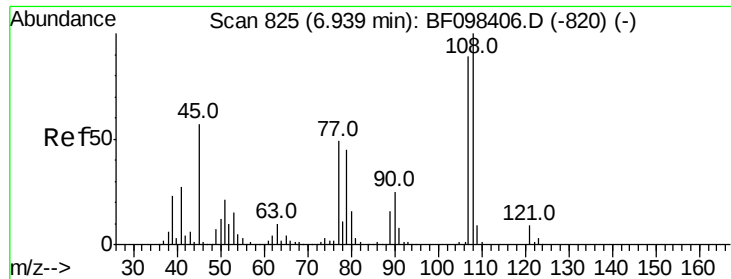


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

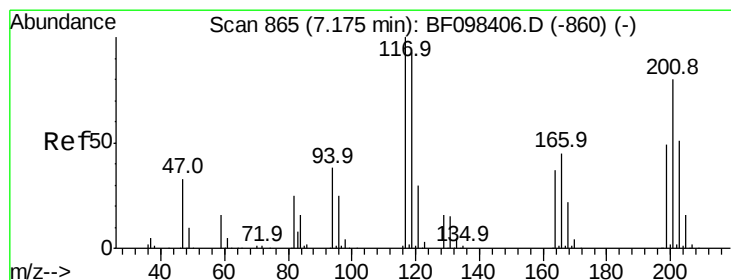
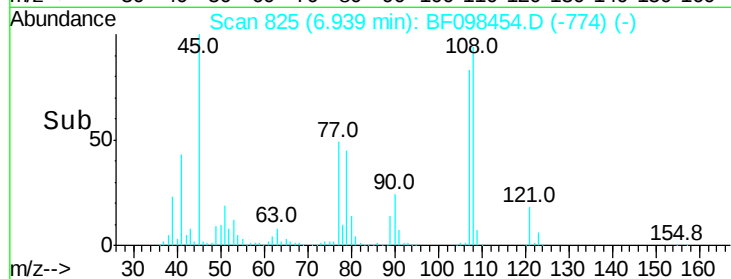
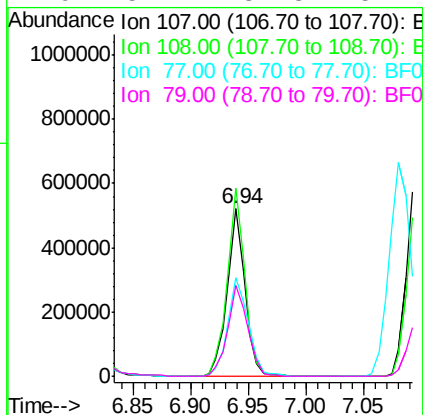
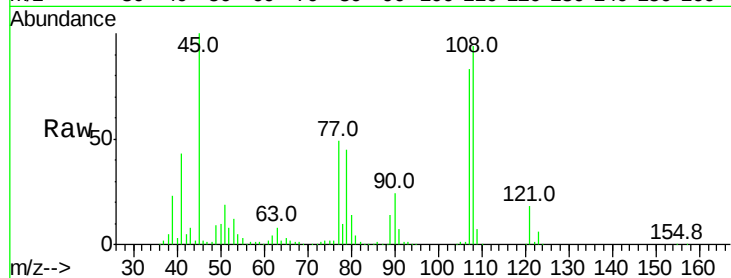




#17
2-Methylphenol
Concen: 41.483 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

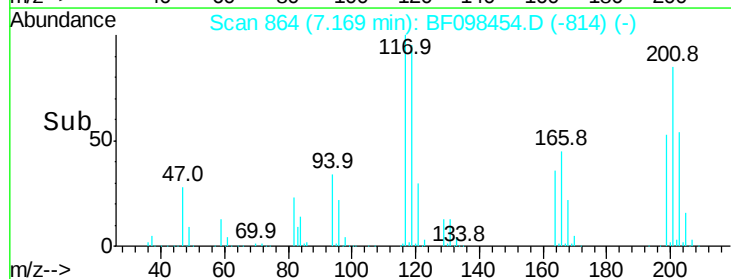
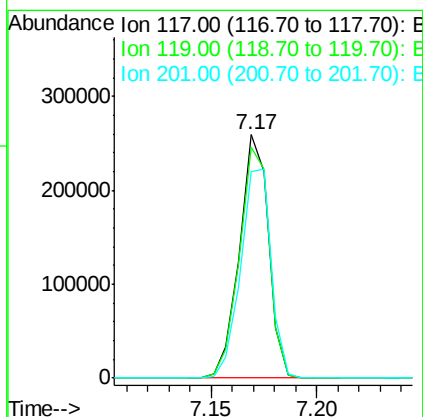
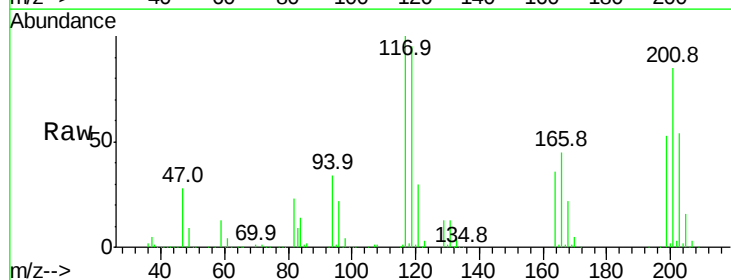
Instrument :
BNA_F
ClientSampleId :
PB102265BS

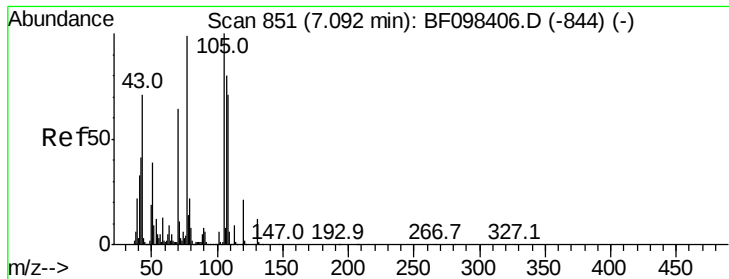
Tot Ion:107 Resp: 557404
Ion Ratio Lower Upper
107 100
108 112.7 93.4 140.0
77 59.3 35.8 53.6#
79 54.4 34.8 52.2#



#18
Hexachloroethane
Concen: 37.847 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion:117 Resp: 246238
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.0
201 85.0 94.6 141.8#

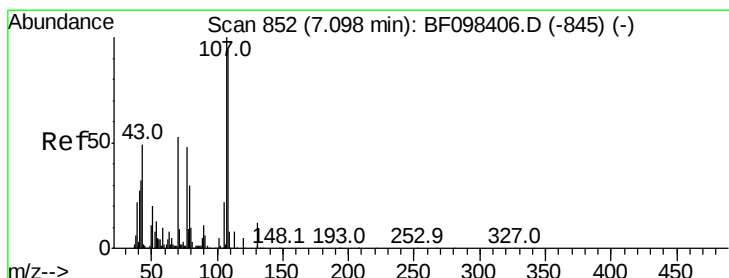
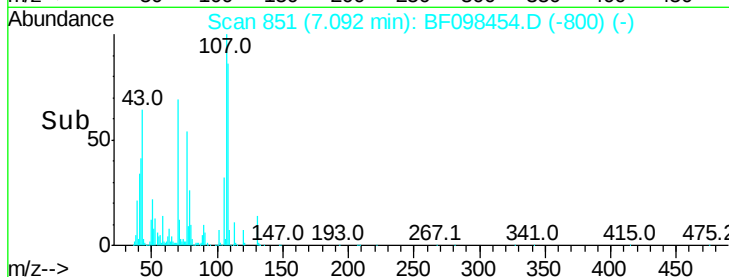
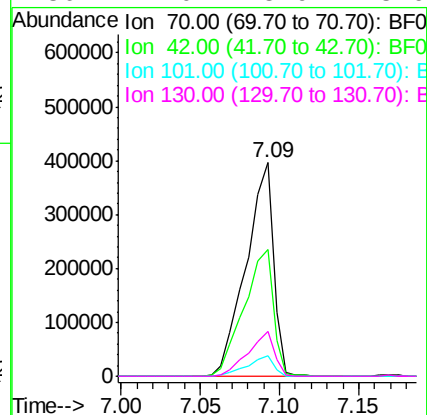
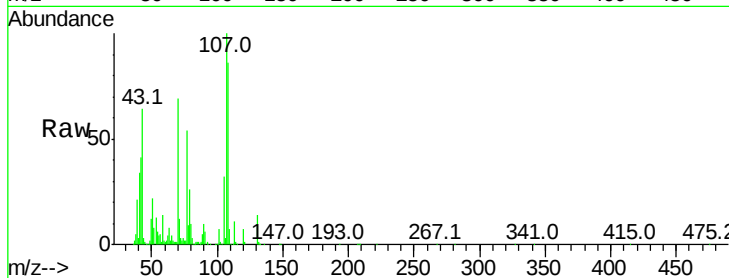




#19
n-Nitroso-di-n-propylamine
Concen: 39.733 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

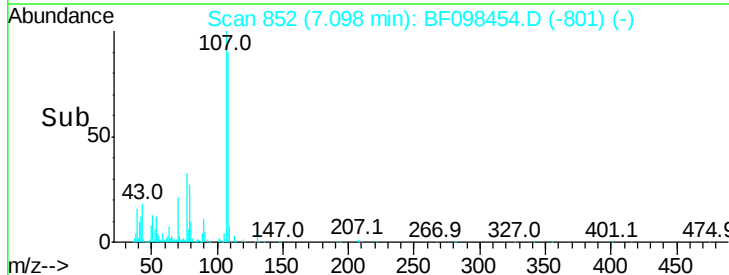
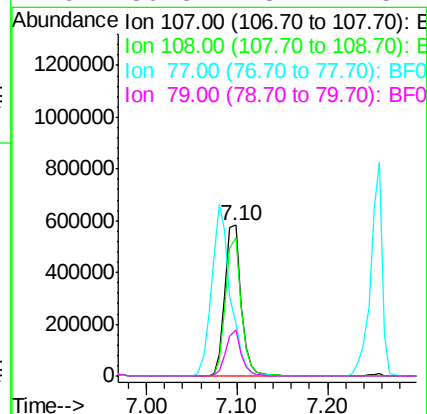
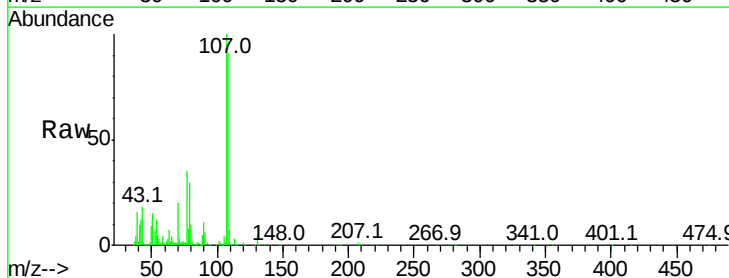
Instrument :
BNA_F
ClientSampleId :
PB102265BS

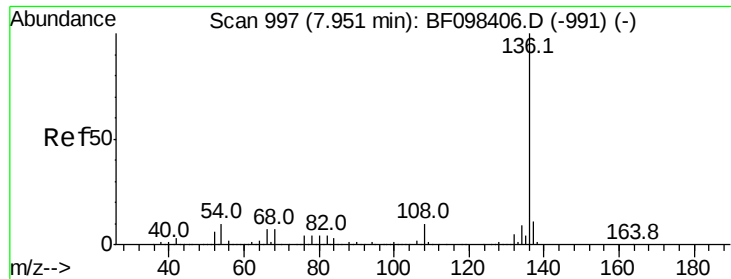
Tot Ion:	70	Resp:	475519
Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.2	70.8
101	9.5	7.2	10.8
130	21.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.413 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion:	107	Resp:	719189
Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.0	111.0
77	34.9	90.5	130.5#
79	30.3	8.4	48.4

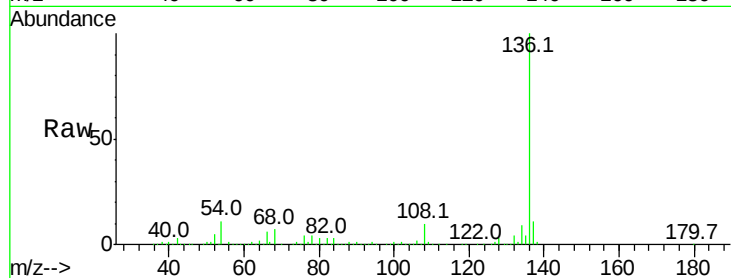




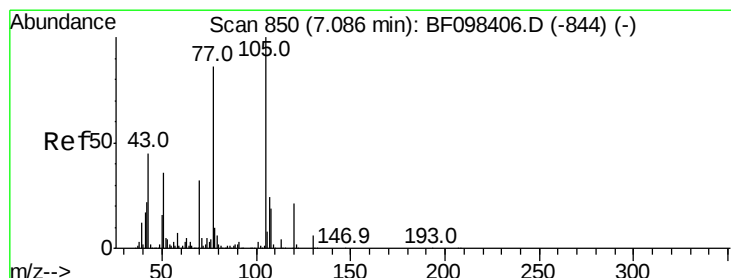
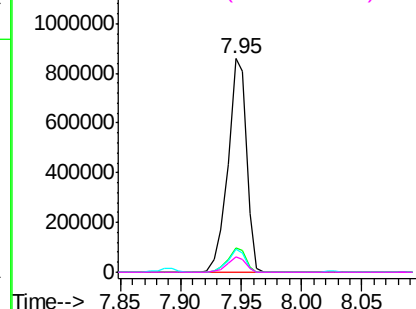
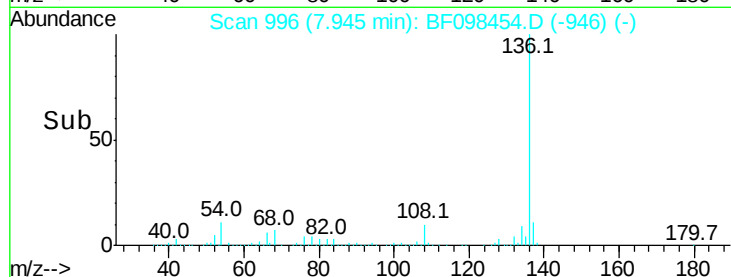
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tot Ion:136	Resp:	911590
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.5 12.7
54	10.9	4.9 7.3#
68	7.4	4.1 6.1#

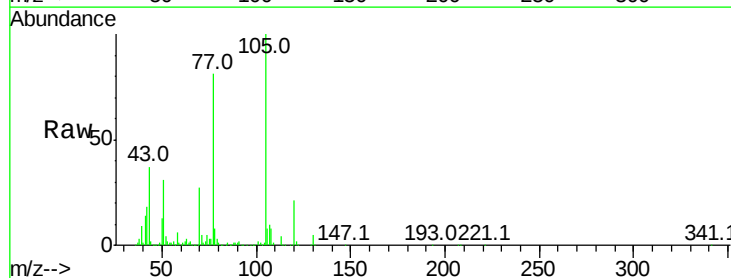


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

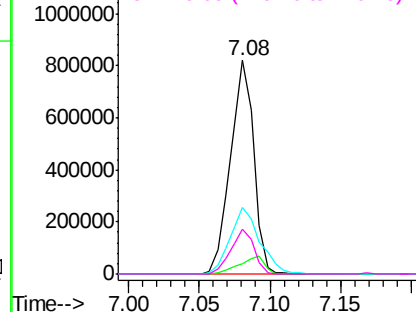
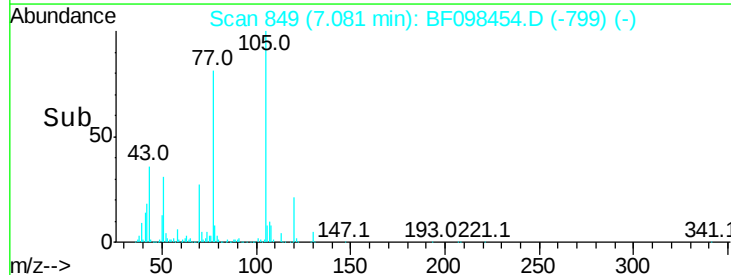


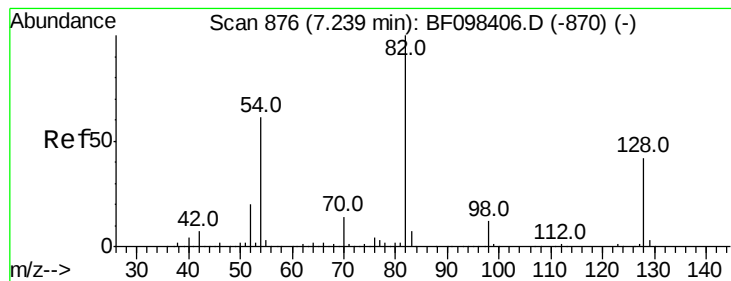
#22
Acetophenone
Concen: 39.947 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion:105	Resp:	941186
Ion Ratio	Lower	Upper
105	100	
71	4.7	2.8 4.2#
51	31.2	30.7 46.1
120	21.2	17.4 26.0



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





#23

Nitrobenzene-d5

Concen: 87.492 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampled :

PB102265BS

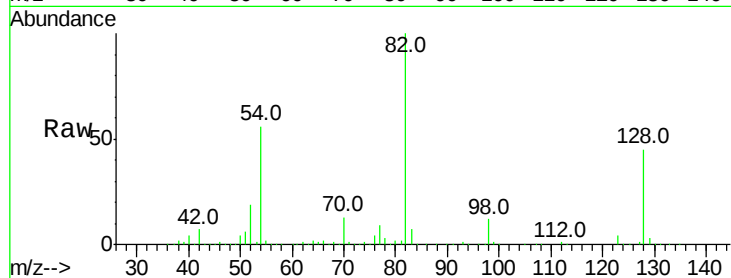
Tot Ion: 82 Resp: 1430630

Ion Ratio Lower Upper

82 100

128 45.2 34.0 51.0

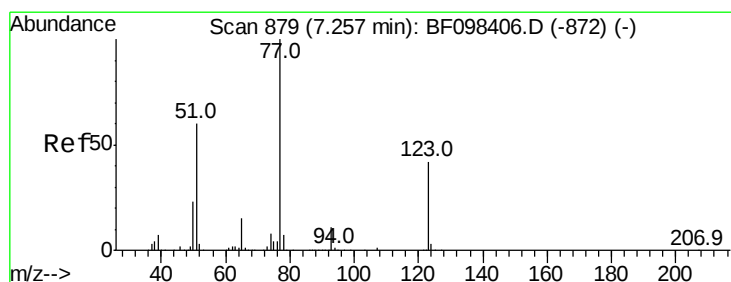
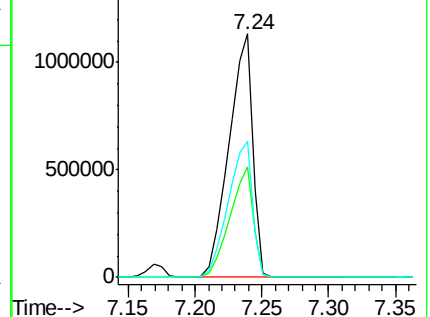
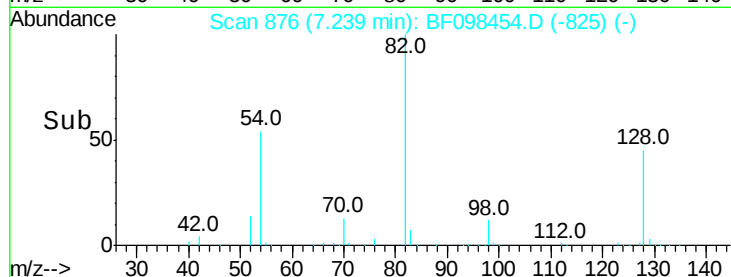
54 56.1 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.553 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

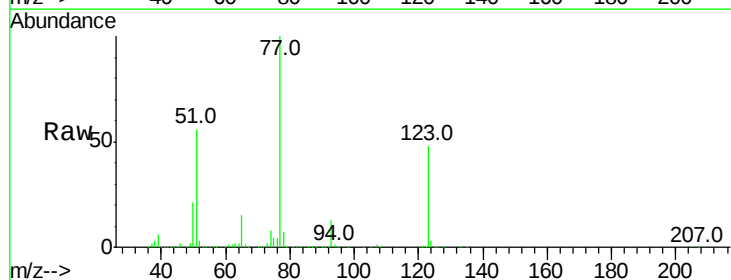
Tgt Ion: 77 Resp: 736682

Ion Ratio Lower Upper

77 100

123 48.5 35.8 53.8

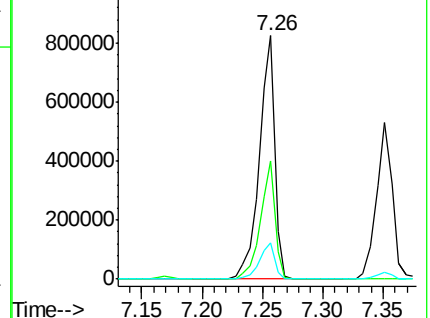
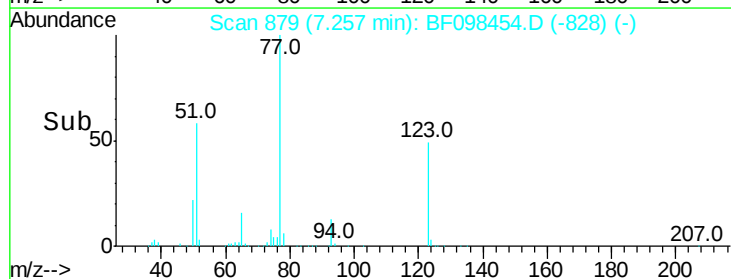
65 14.7 10.6 15.8

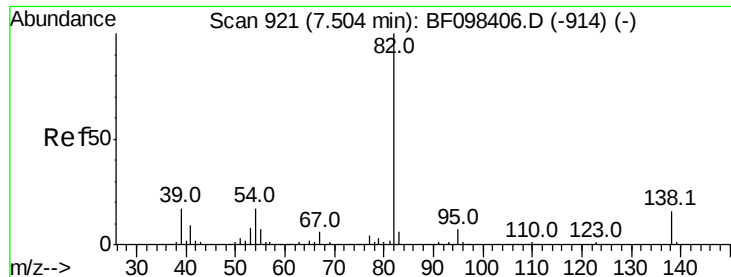


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.742 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

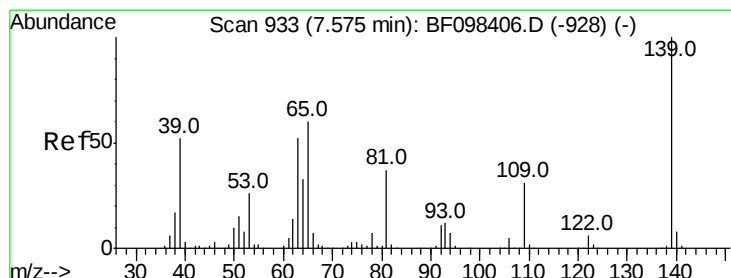
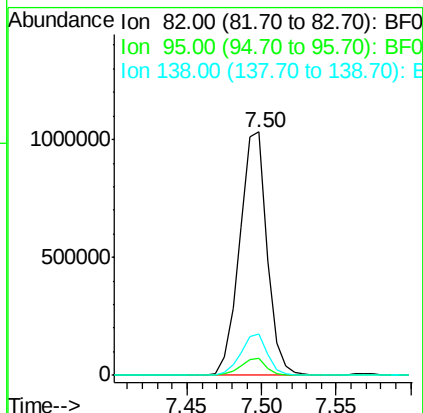
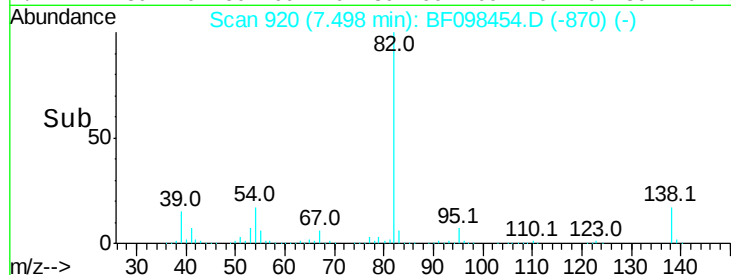
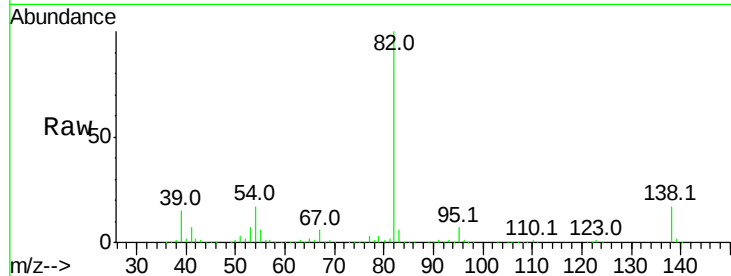
Tot Ion: 82 Resp: 1314798

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 17.2 13.1 19.7



#26

2-Nitrophenol

Concen: 45.189 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

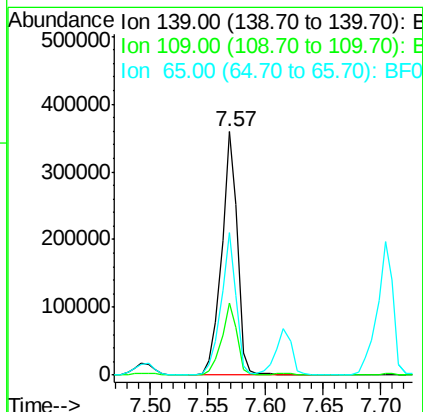
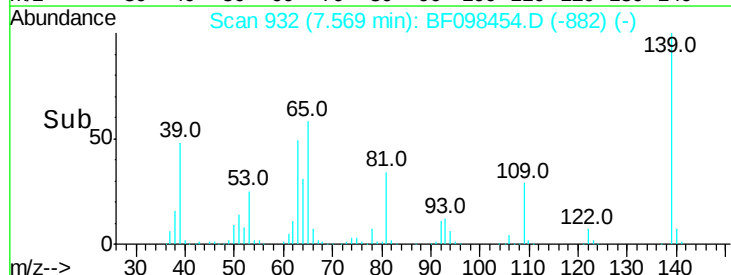
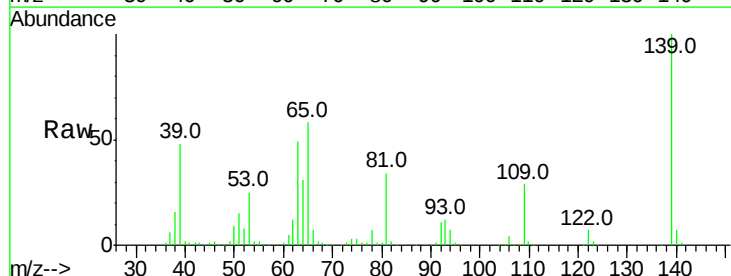
Tgt Ion:139 Resp: 339827

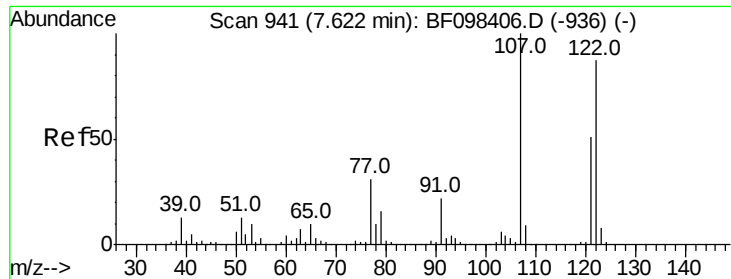
Ion Ratio Lower Upper

139 100

109 29.4 21.0 31.6

65 58.4 33.0 49.6#

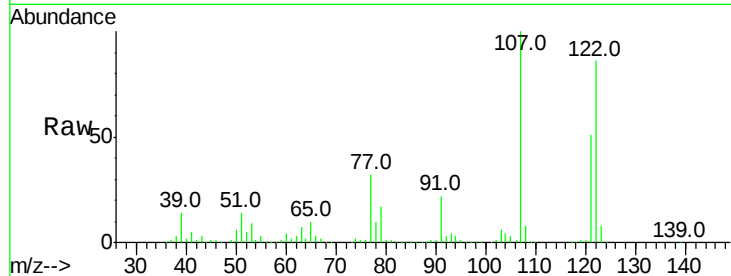




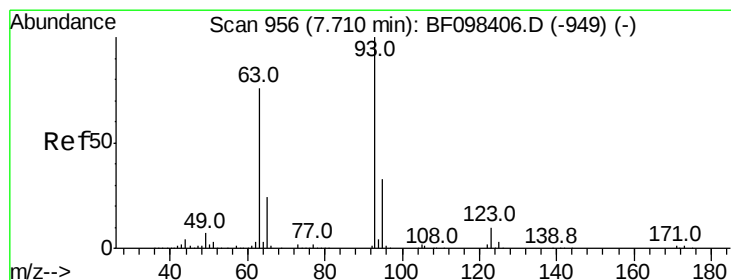
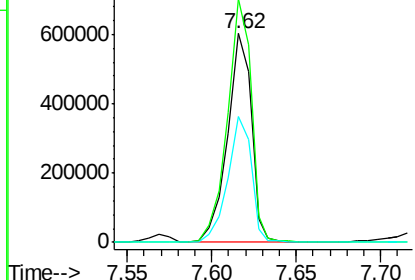
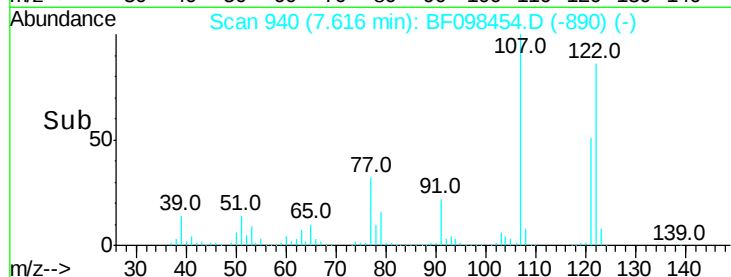
#27
 2,4-Dimethylphenol
 Concen: 41.322 ng
 RT: 7.62 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tot Ion:122 Resp: 592380
 Ion Ratio Lower Upper
 122 100
 107 116.6 89.2 133.8
 121 60.0 45.2 67.8

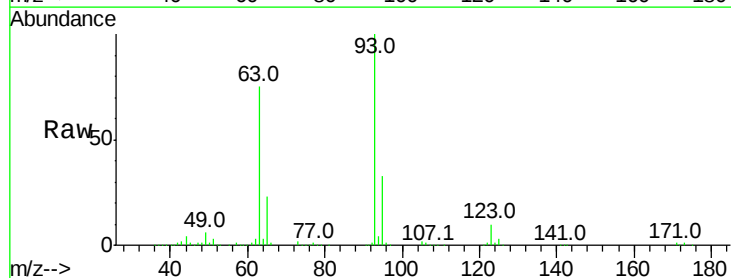


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

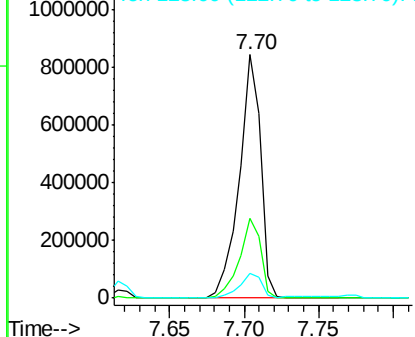
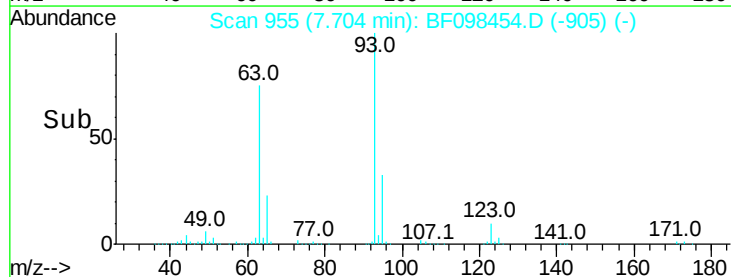


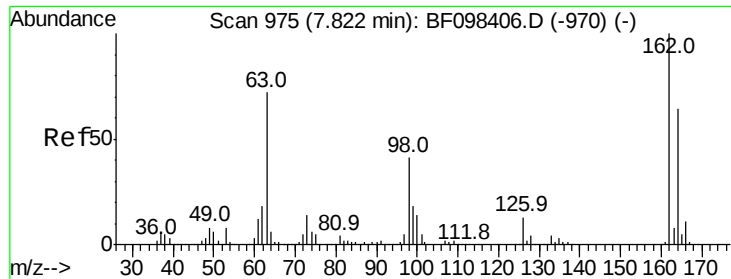
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.814 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion: 93 Resp: 844108
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 10.2 9.0 13.4



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

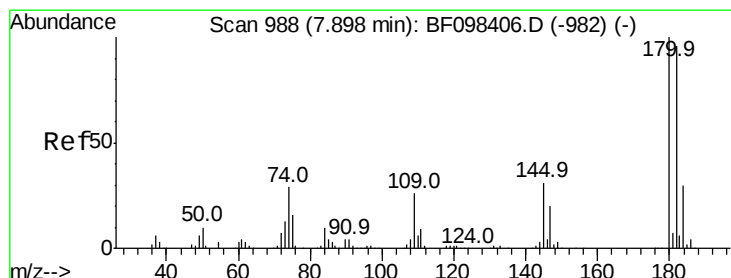
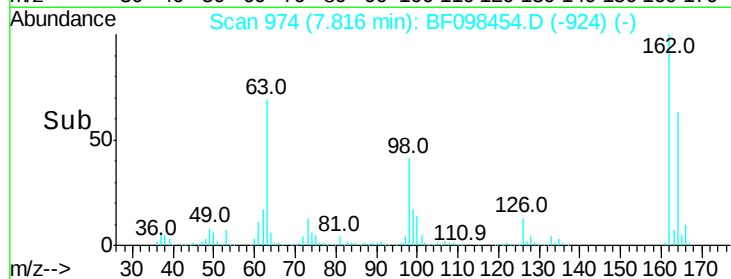
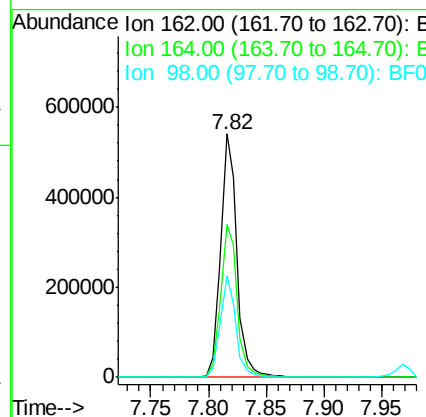
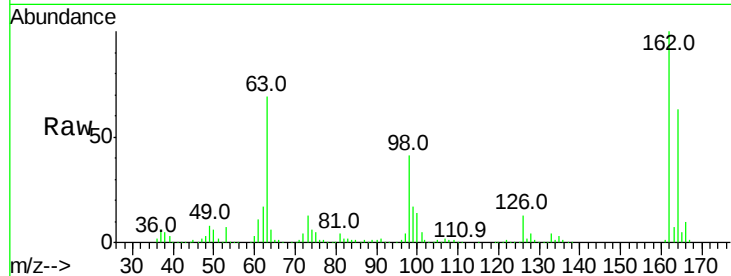




#29
 2,4-Dichlorophenol
 Concen: 44.155 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

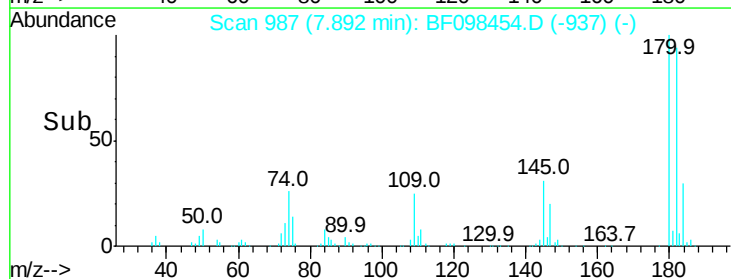
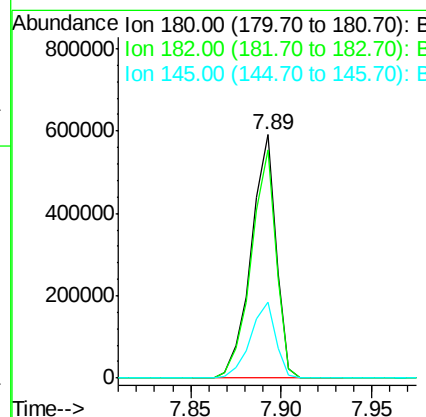
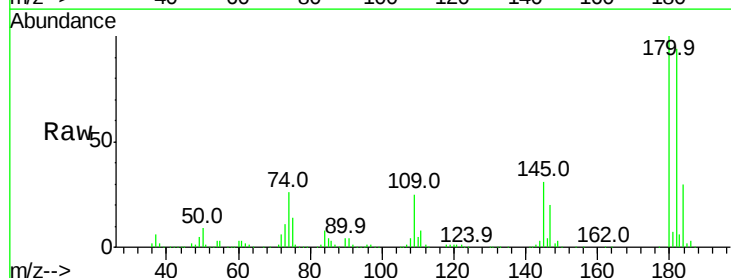
Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

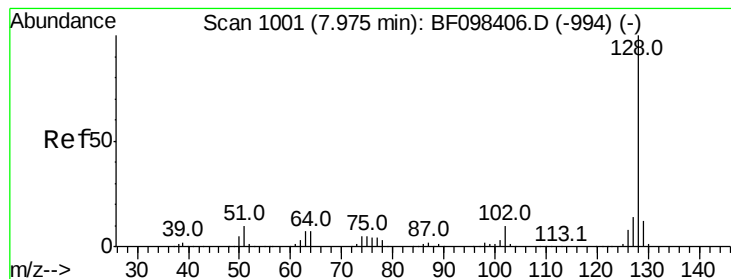
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	41.5	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 43.602 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.8	113.6
145	31.2	25.3	37.9





#31

Naphthalene

Concen: 41.539 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

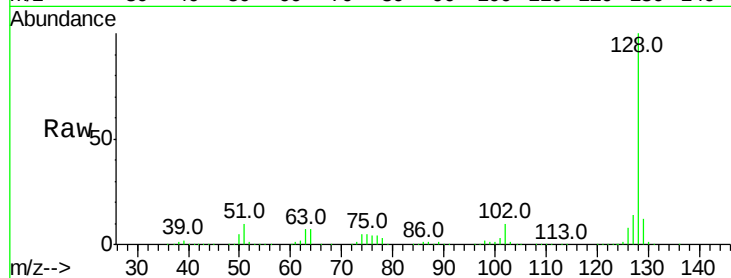
Tot Ion:128 Resp: 1871968

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

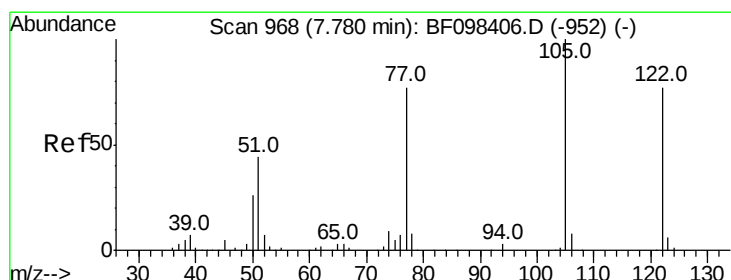
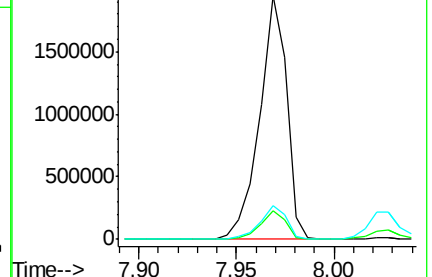
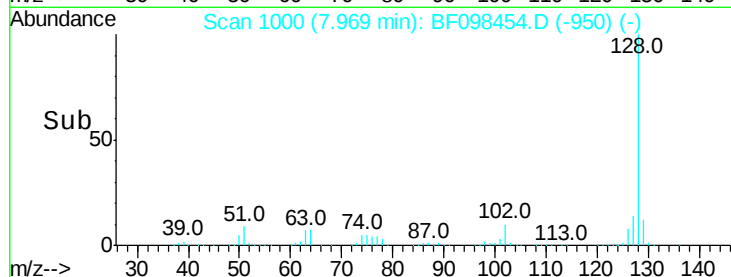
127 13.8 10.8 16.2



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: 34.372 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

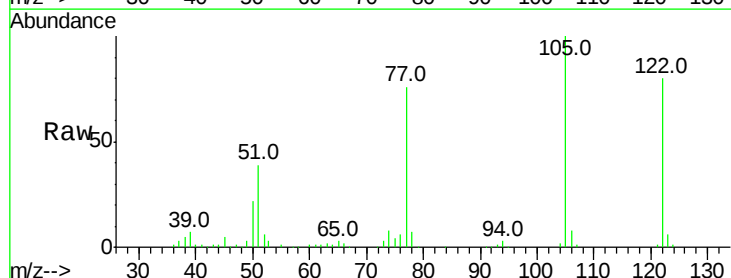
Tgt Ion:122 Resp: 304455

Ion Ratio Lower Upper

122 100

105 124.7 103.3 143.3

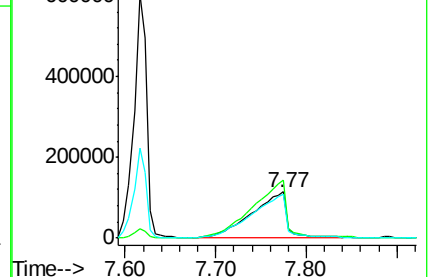
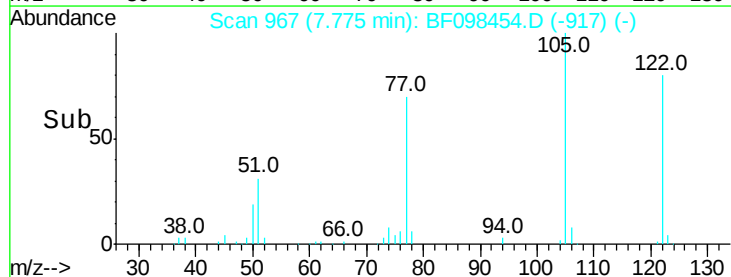
77 94.5 73.7 113.7

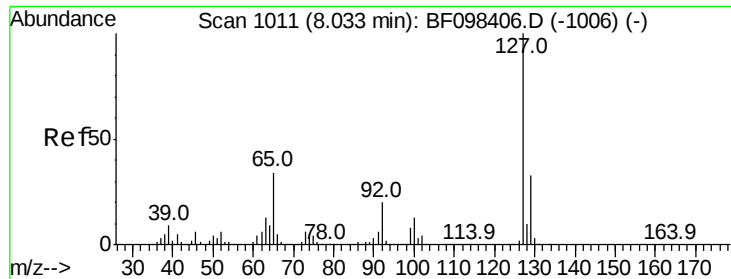


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

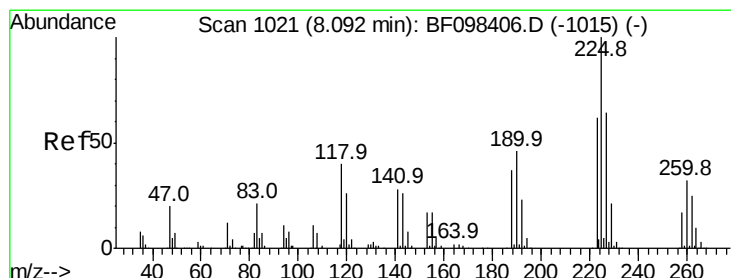
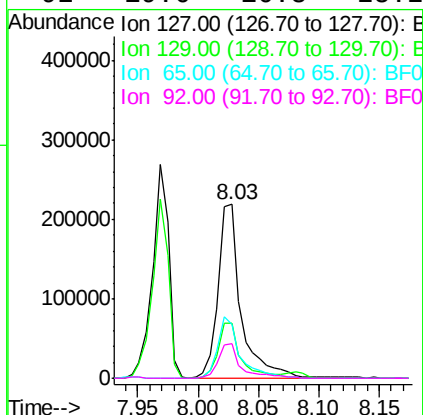
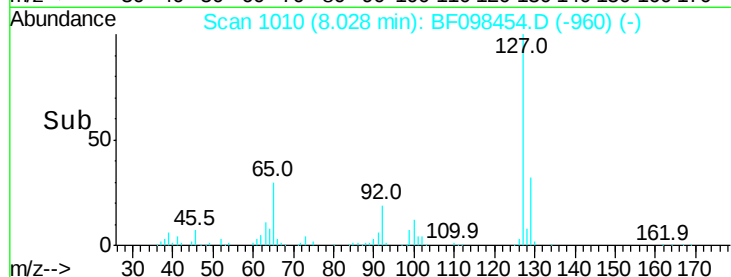
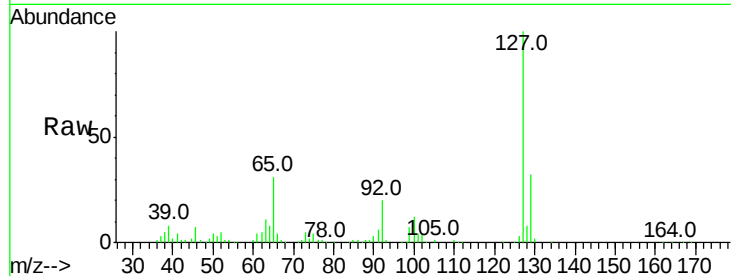




#33
4-Chloroaniline
Concen: 15.563 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

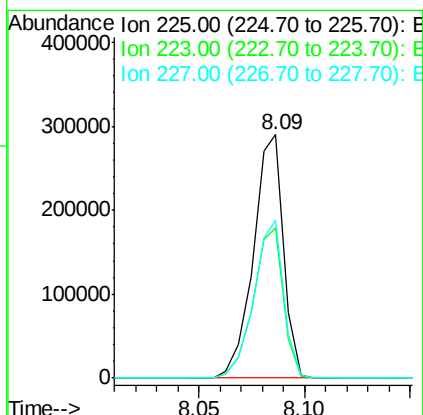
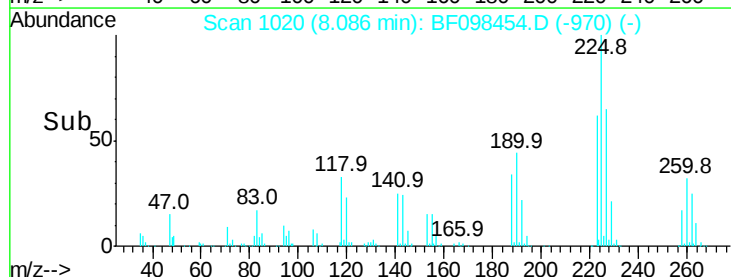
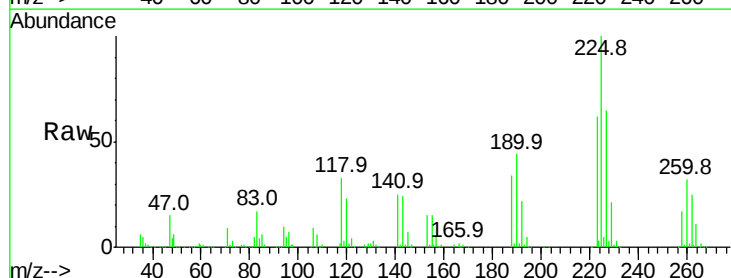
Instrument :
BNA_F
ClientSampleId :
PB102265BS

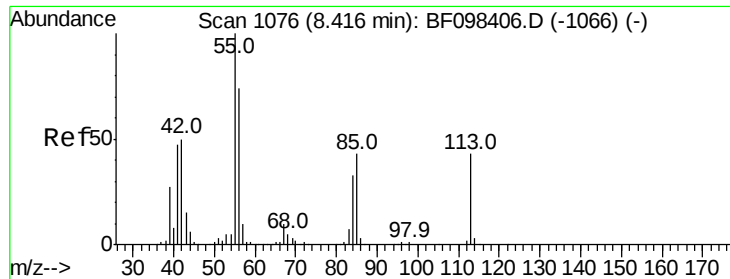
Tot Ion:	127	Resp:	285034
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	31.2	27.8	41.8
92	19.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 42.987 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion:	225	Resp:	286210
Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.8	73.2
227	64.7	51.1	76.7

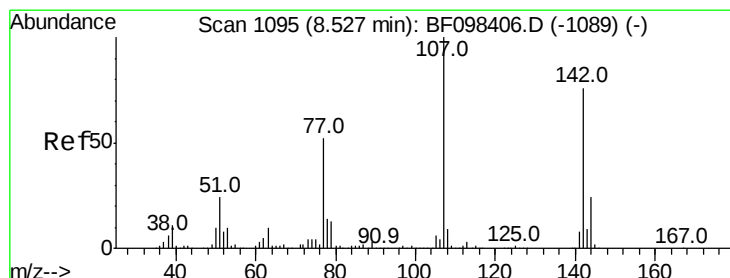
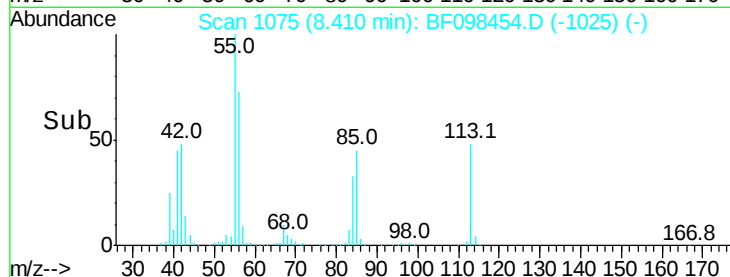
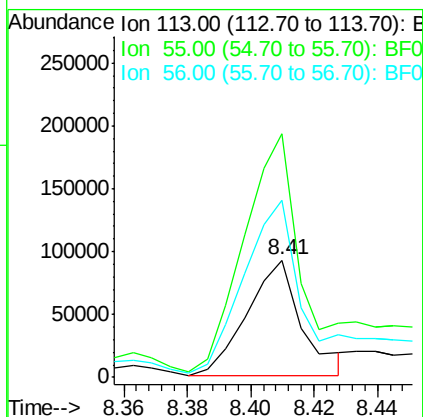
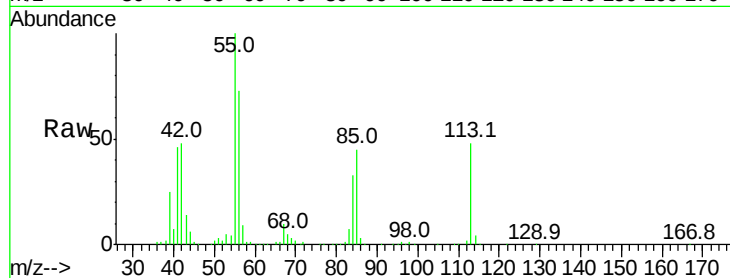




#35
 Caprolactam
 Concen: 26.506 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

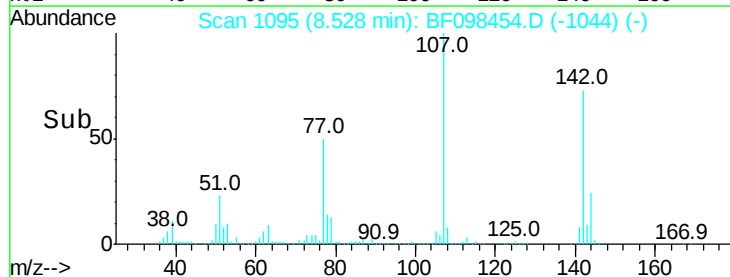
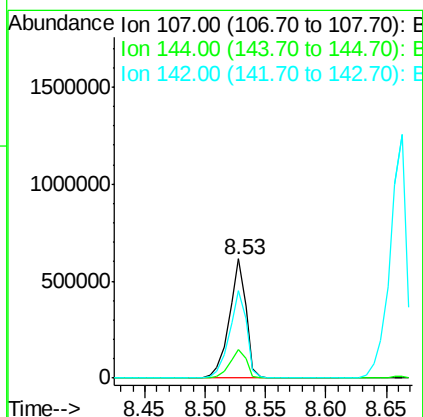
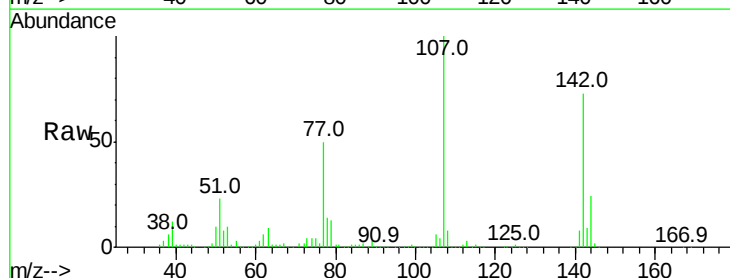
Instrument :
 BNA_F
 ClientSampleID :
 PB102265BS

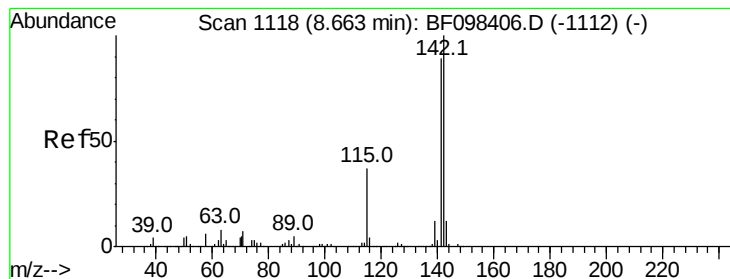
Tot Ion:113 Resp: 108978
 Ion Ratio Lower Upper
 113 100
 55 207.2 150.2 190.2#
 56 150.3 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.395 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:107 Resp: 597284
 Ion Ratio Lower Upper
 107 100
 144 23.8 24.2 36.4#
 142 73.4 73.4 110.0





#37

2-Methylnaphthalene

Concen: 43.916 ng

RT: 8.66 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

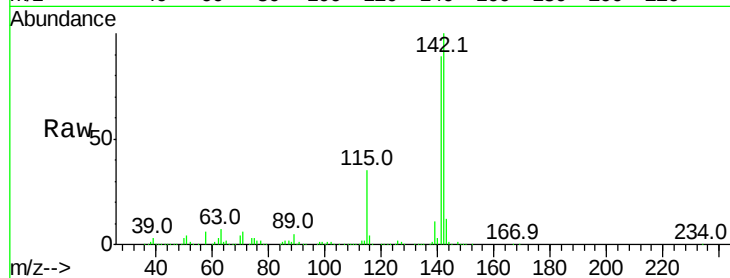
Tot Ion:142 Resp: 1198781

Ion Ratio Lower Upper

142 100

141 89.3 71.3 106.9

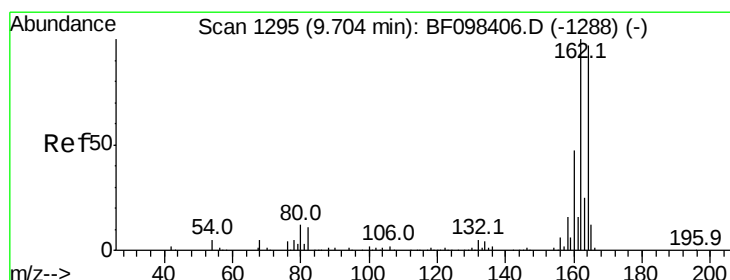
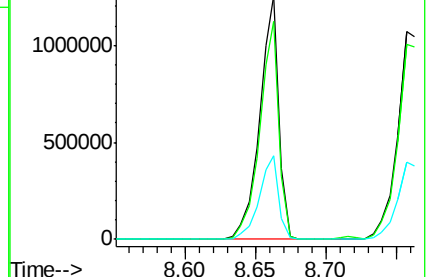
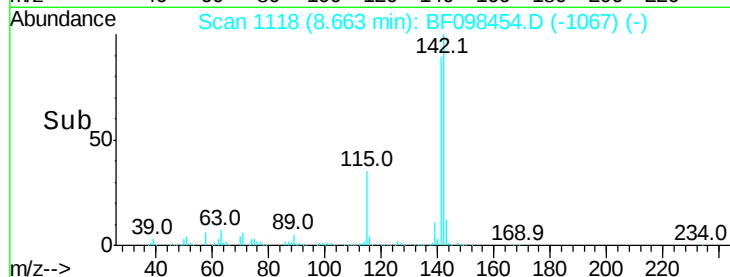
115 34.5 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

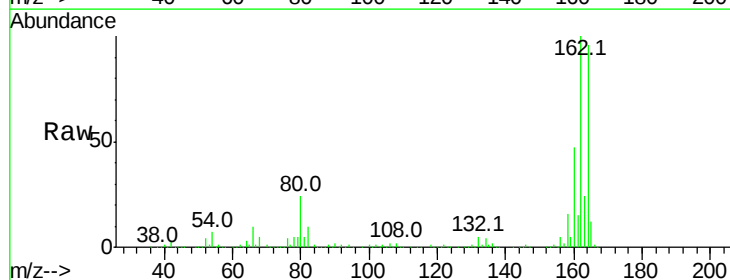
Tgt Ion:164 Resp: 393456

Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

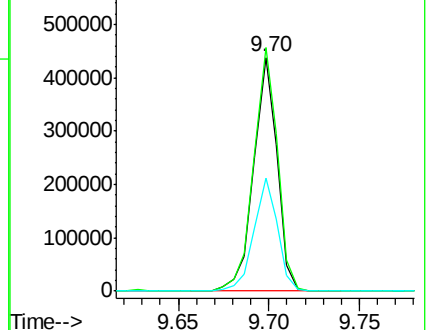
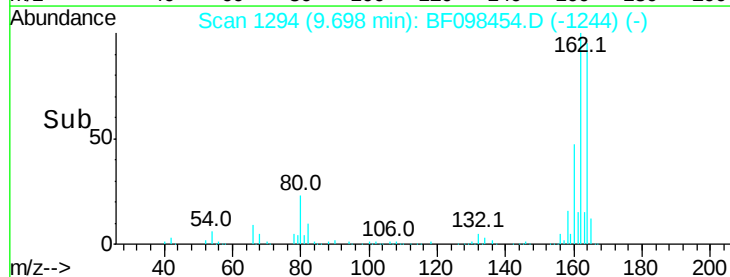
160 48.6 36.2 54.2

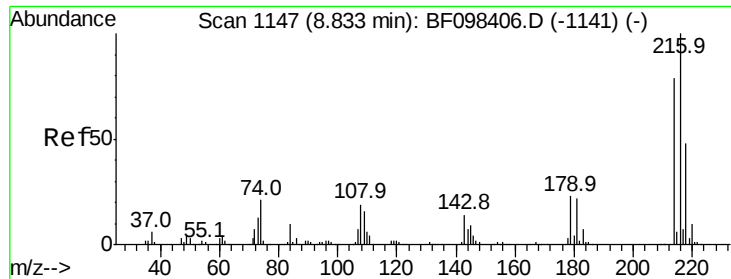


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

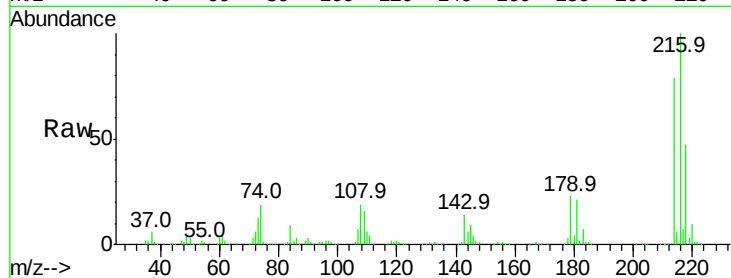




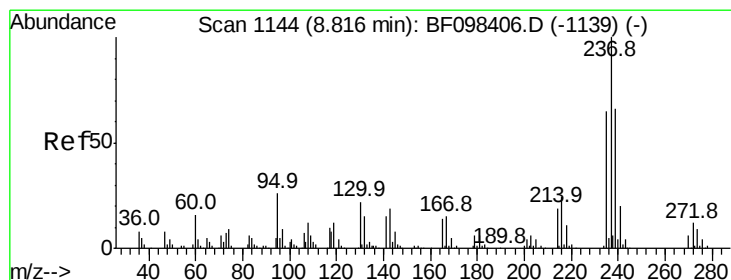
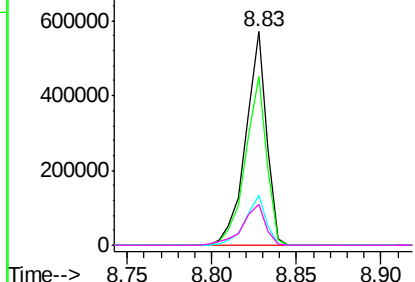
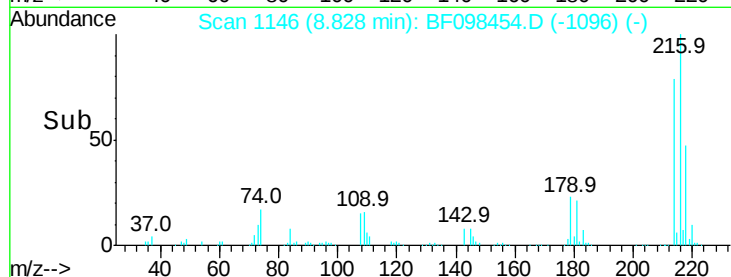
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.505 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tot Ion:	216	Resp:	496425
Ion Ratio	Lower	Upper	
216	100		
214	79.9	63.4	95.2
179	23.0	17.9	26.9
108	21.2	16.5	24.7

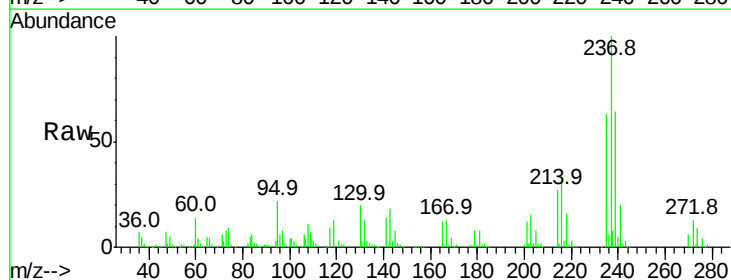


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

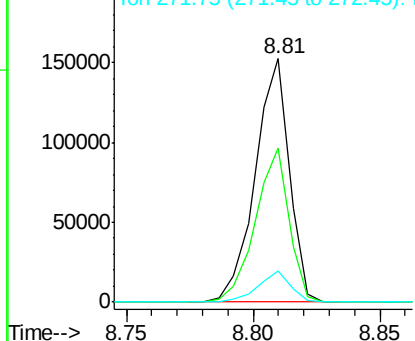
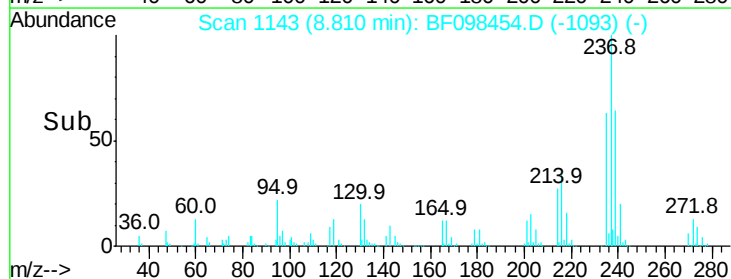


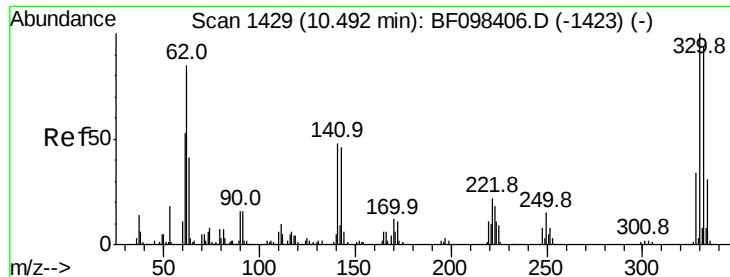
#40
 Hexachlorocyclopentadiene
 Concen: 44.966 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:	237	Resp:	143773
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.6	82.6
272	12.7	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

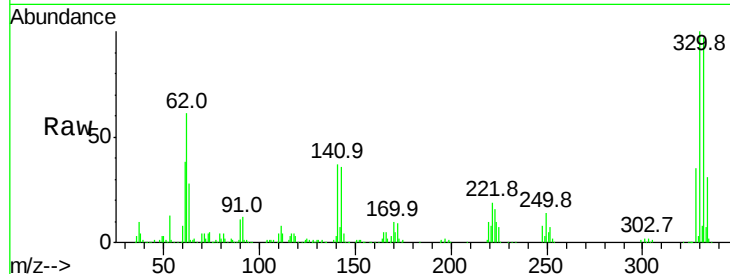




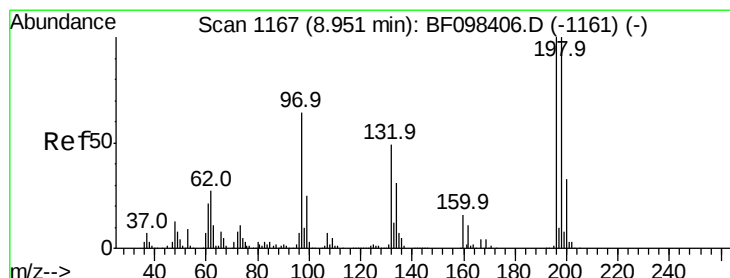
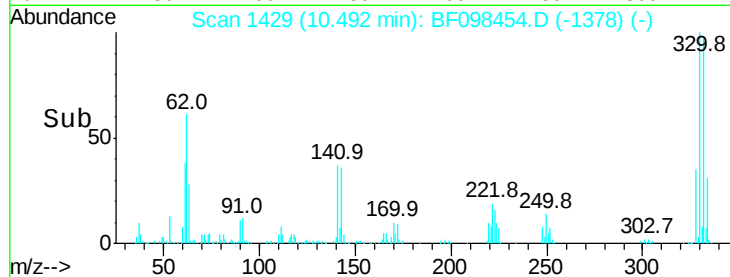
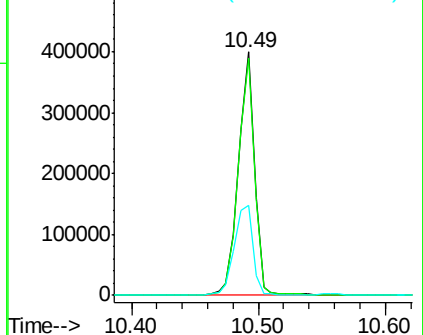
#41
 2,4,6-Tribromophenol
 Concen: 134.147 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	115.0
141	42.4	31.4	47.2

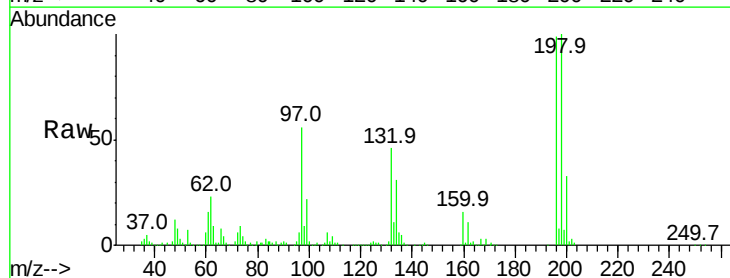


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

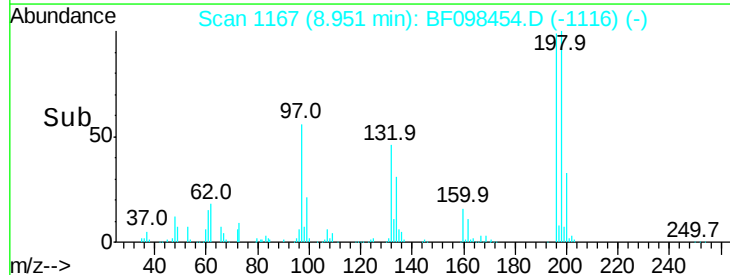
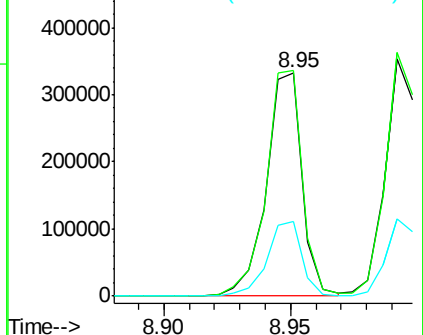


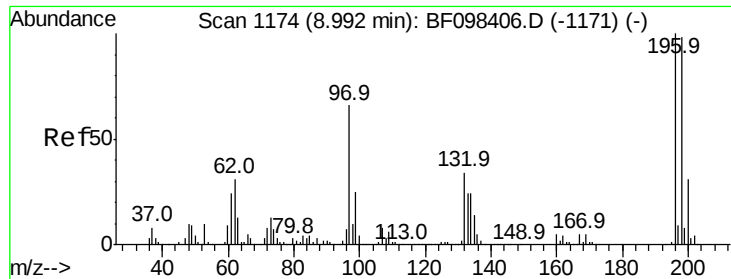
#42
 2,4,6-Trichlorophenol
 Concen: 45.653 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.3	74.2	111.4
200	33.4	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

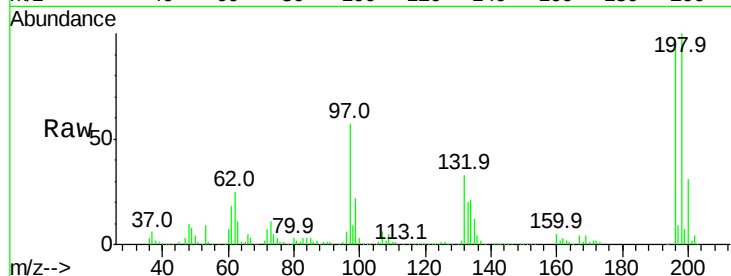




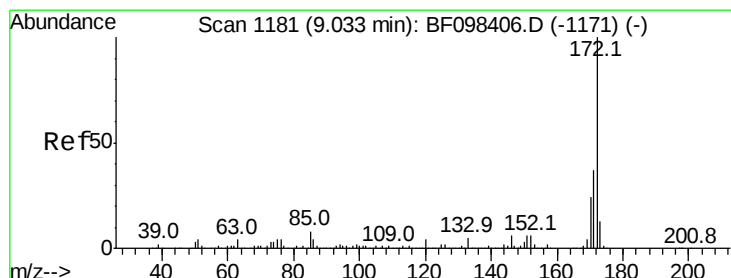
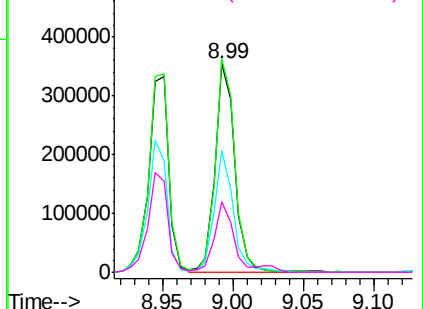
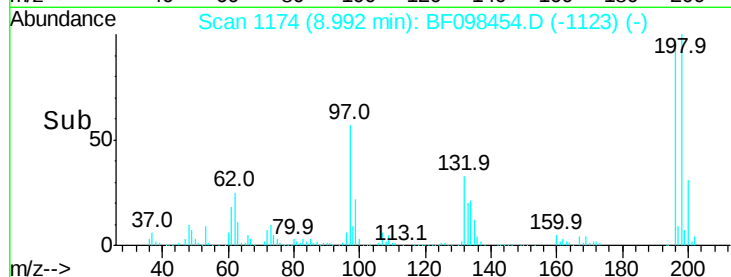
#43
 2,4,5-Trichlorophenol
 Concen: 45.569 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tot Ion:196 Resp: 342877
 Ion Ratio Lower Upper
 196 100
 198 102.6 75.7 113.5
 97 58.5 47.7 71.5
 132 33.7 28.0 42.0

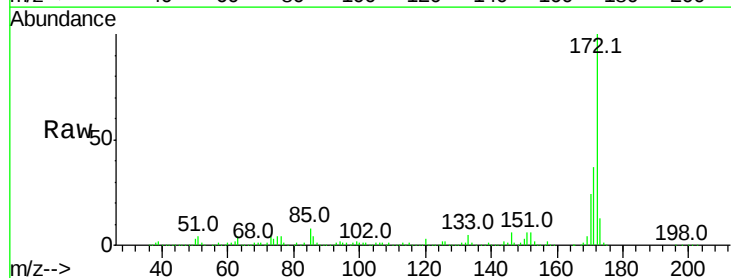


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

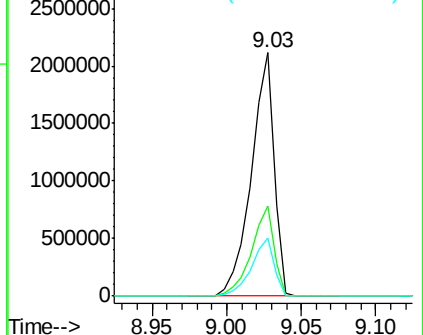
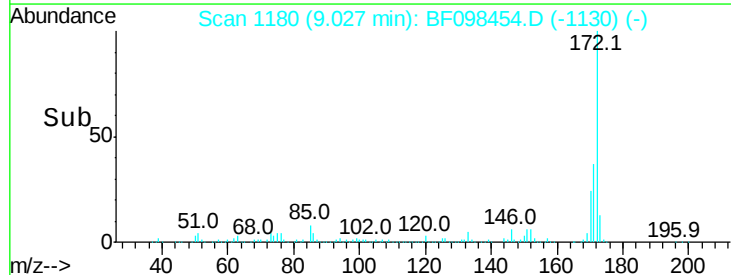


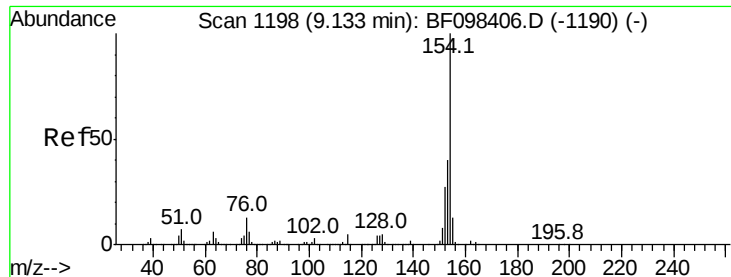
#44
 2-Fluorobiphenyl
 Concen: 95.427 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:172 Resp: 2215234
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 23.8 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



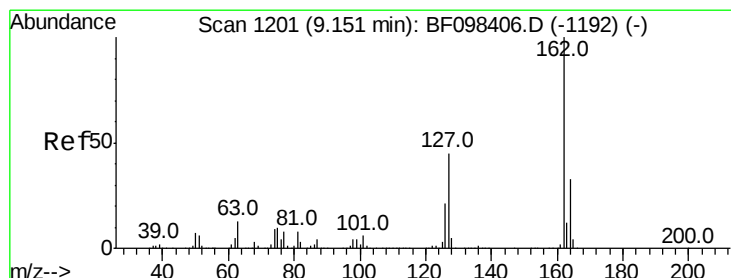
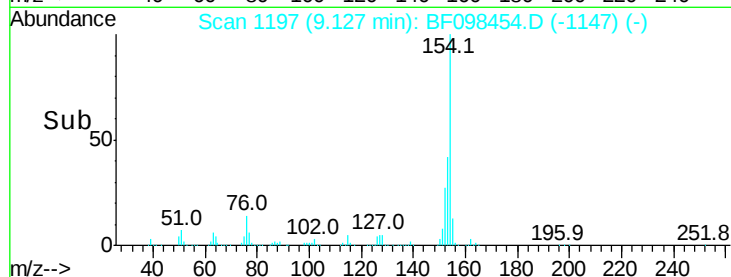
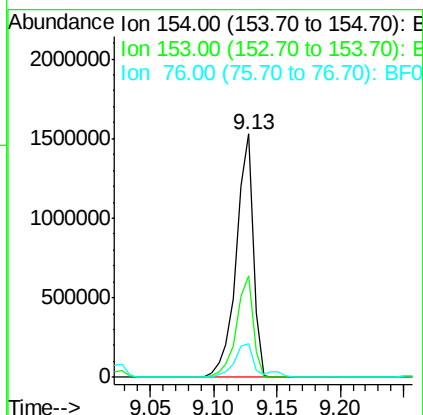
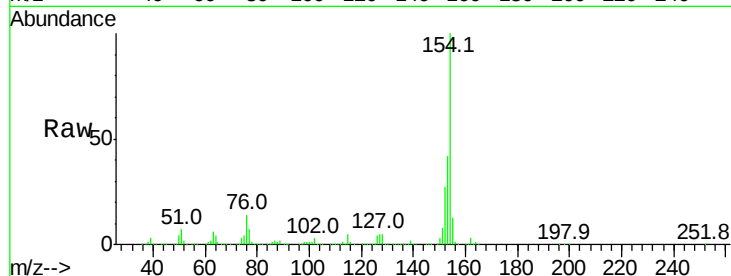


#45
 1,1'-Biphenyl
 Concen: 39.879 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tot Ion:154 Resp: 1404421

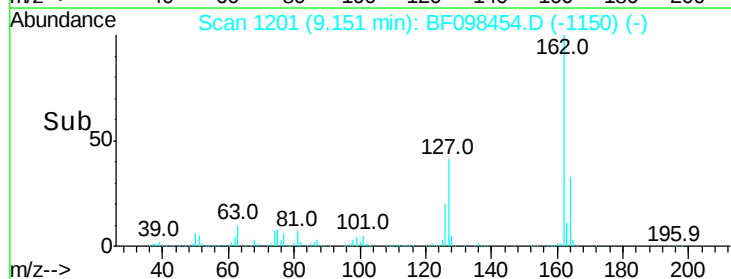
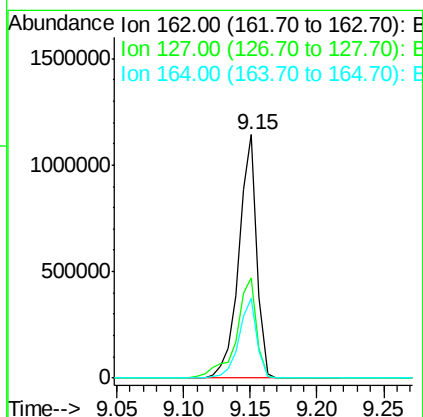
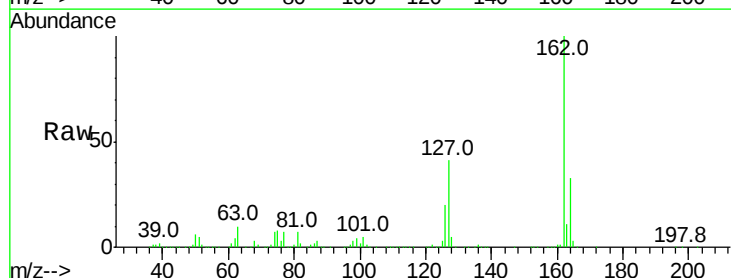
Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.2	61.2
76	13.8	0.0	29.9

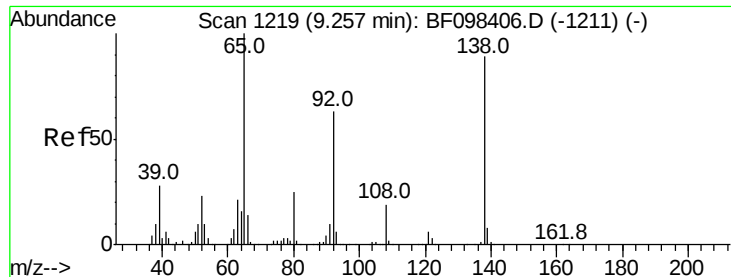


#46
 2-Chloronaphthalene
 Concen: 42.561 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:162 Resp: 1070440

Ion	Ratio	Lower	Upper
162	100		
127	41.2	28.3	42.5
164	33.0	27.0	40.4

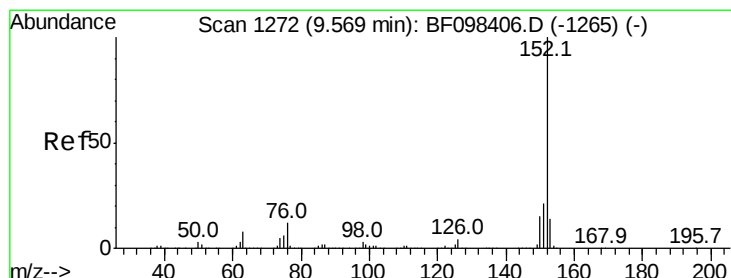
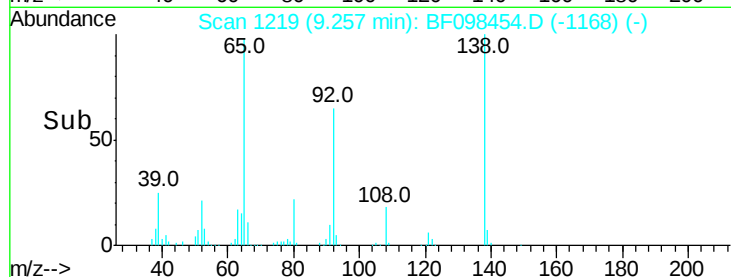
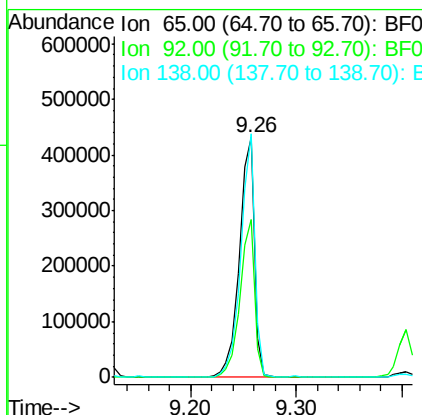
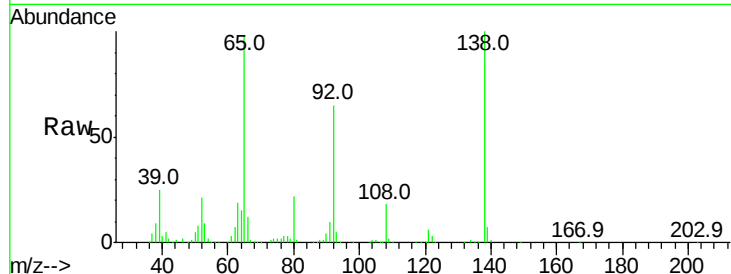




#47
2-Nitroaniline
Concen: 43.282 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

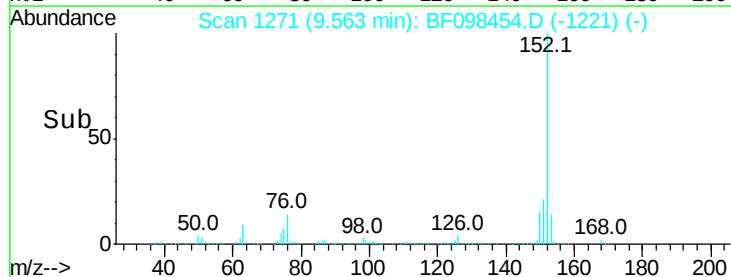
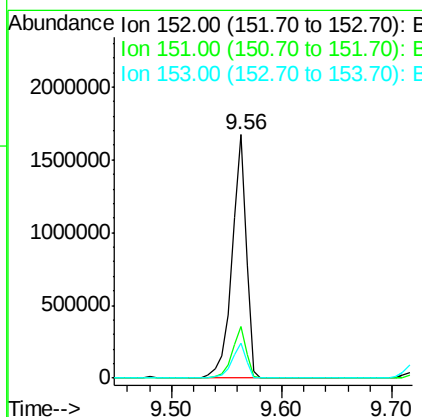
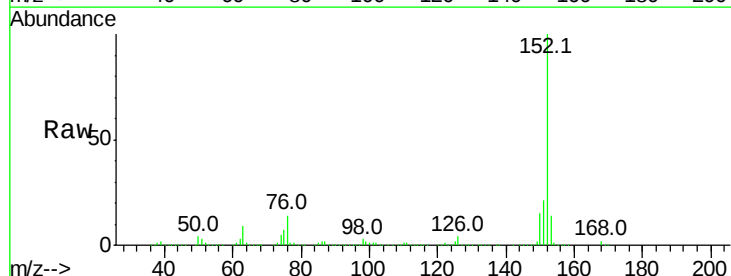
Instrument :
BNA_F
ClientSampleId :
PB102265BS

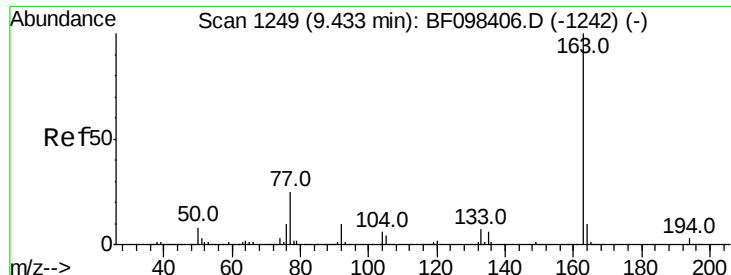
Tot Ion: 65 Resp: 417817
Ion Ratio Lower Upper
65 100
92 65.7 53.9 80.9
138 101.8 78.8 118.2



#48
Acenaphthylene
Concen: 40.413 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion: 152 Resp: 1511268
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2
153 14.4 10.8 16.2

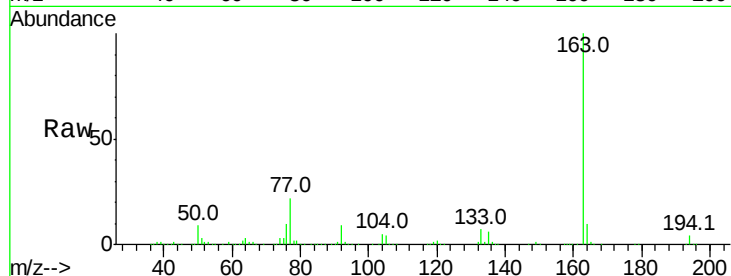




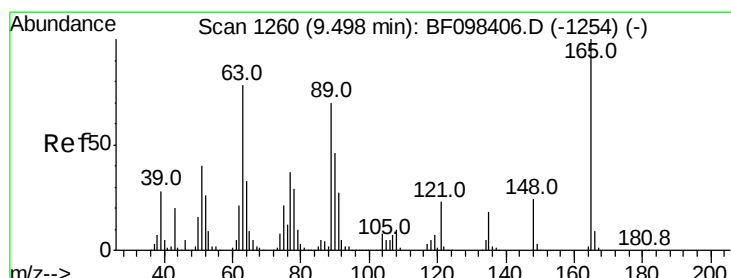
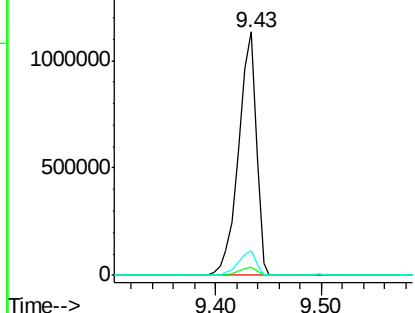
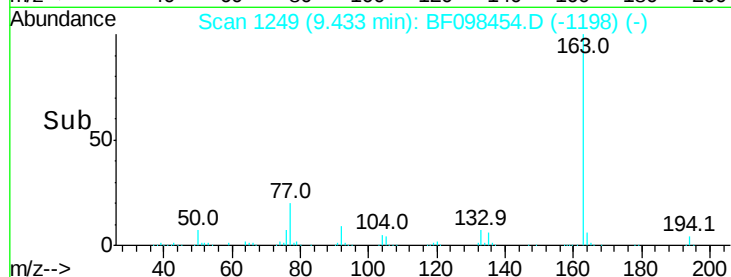
#49
Dimethylphthalate
Concen: 42.693 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tot Ion:163 Resp: 1300282
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.2 8.4 12.6

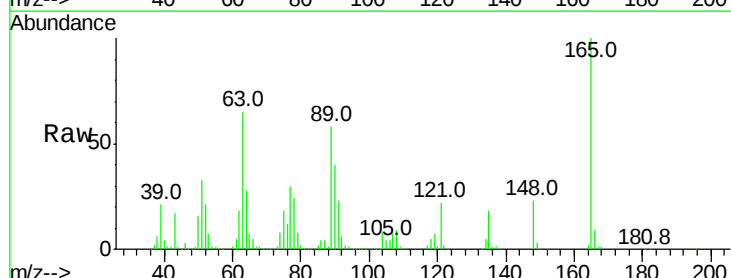


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

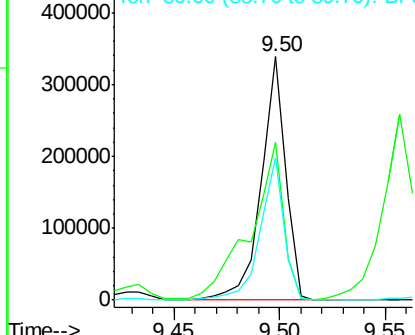
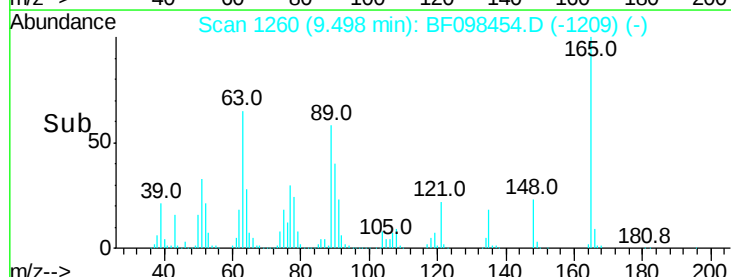


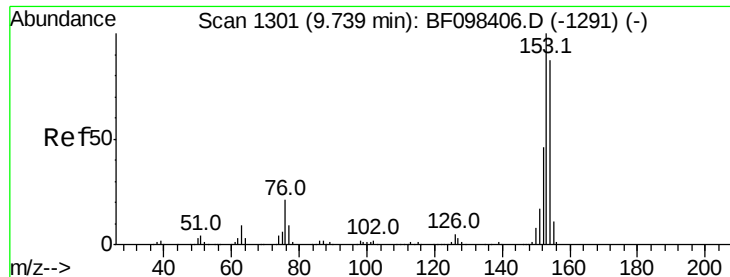
#50
2,6-Dinitrotoluene
Concen: 43.891 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion:165 Resp: 274590
Ion Ratio Lower Upper
165 100
63 64.9 34.3 51.5#
89 58.3 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: 40.795 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

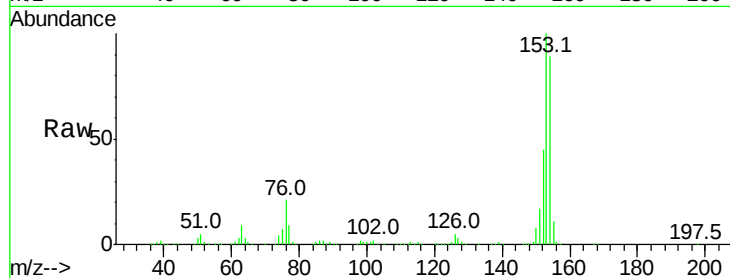
Tot Ion:154 Resp: 969734

Ion Ratio Lower Upper

154 100

153 113.0 90.5 135.7

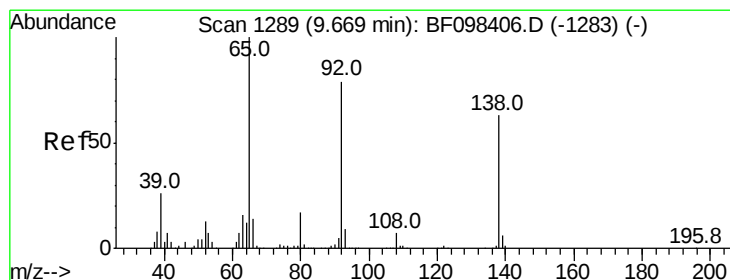
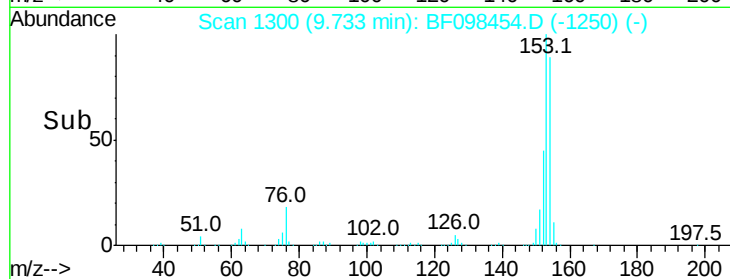
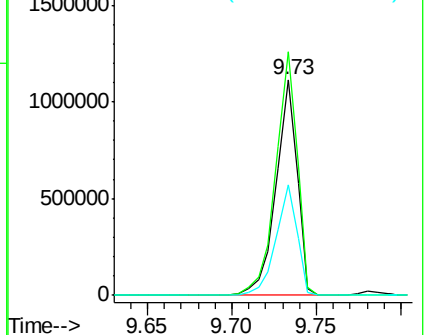
152 51.2 43.6 65.4



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: 23.433 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

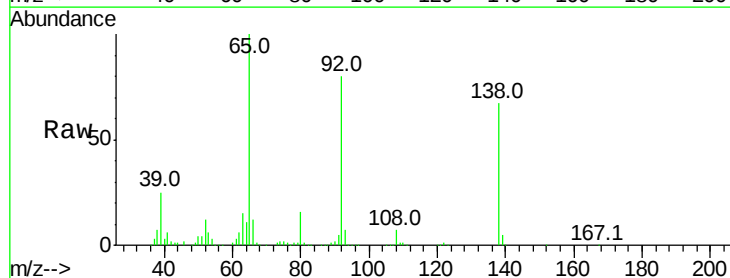
Tgt Ion:138 Resp: 176968

Ion Ratio Lower Upper

138 100

108 11.1 9.1 13.7

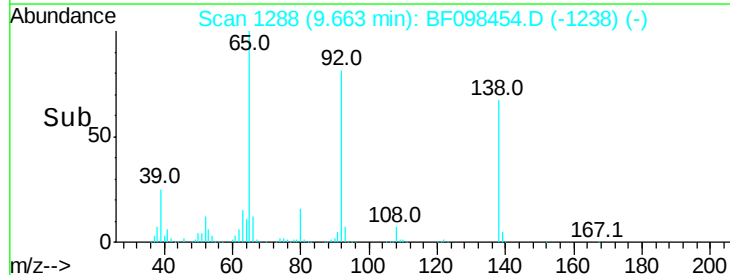
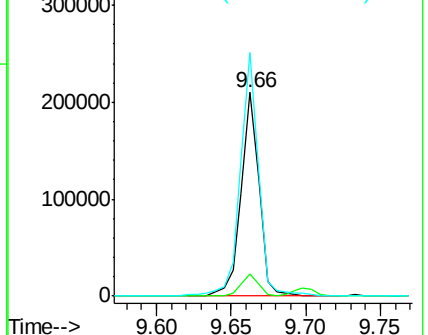
92 119.6 93.8 140.6

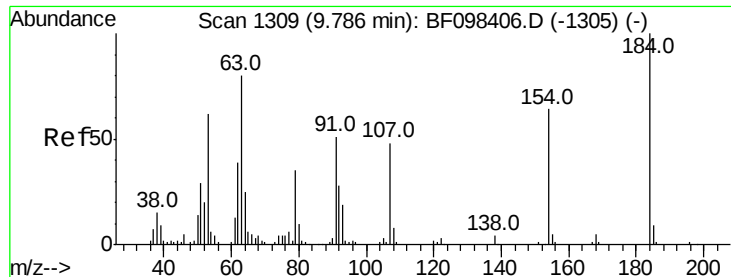


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

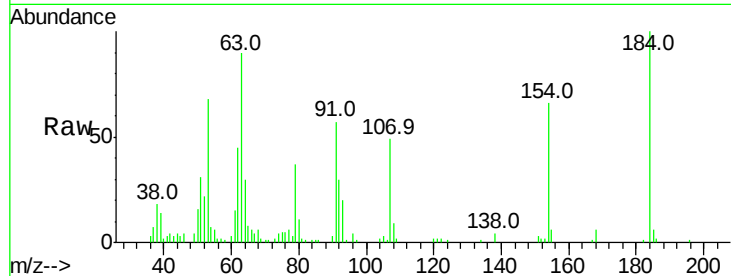




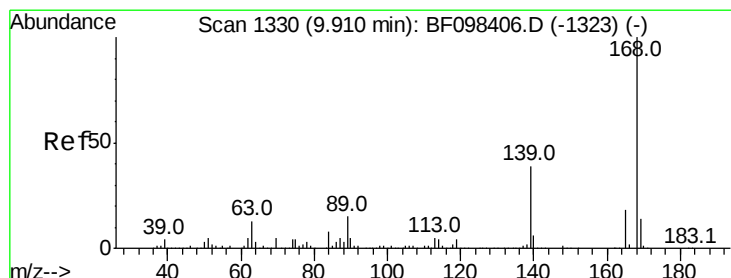
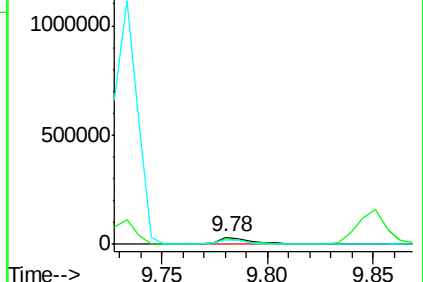
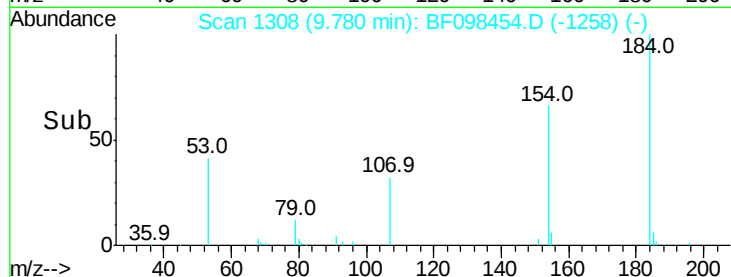
#53
 2,4-Dinitrophenol
 Concen: 20.100 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tot Ion:184 Resp: 38313
 Ion Ratio Lower Upper
 184 100
 63 89.9 62.7 94.1
 154 65.7 81.1 121.7#

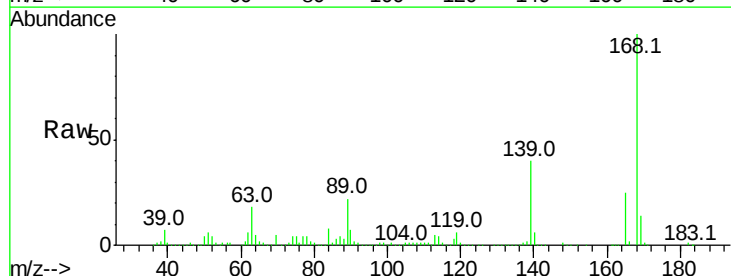


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

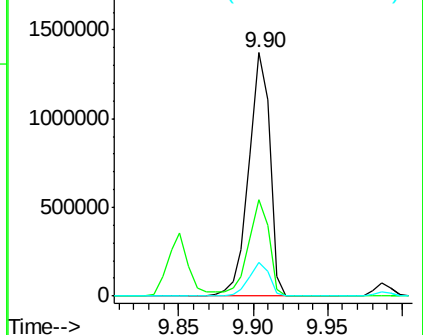
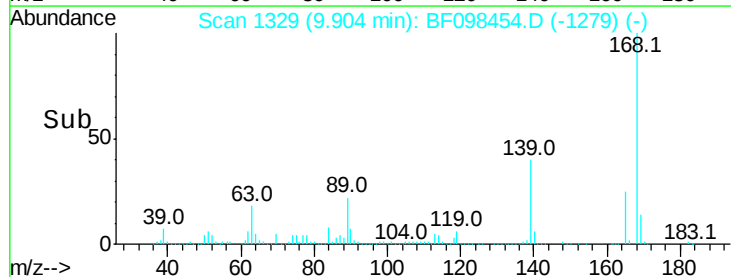


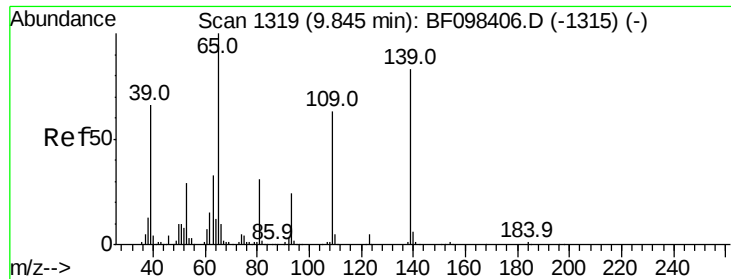
#54
 Dibenzofuran
 Concen: 42.650 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:168 Resp: 1335615
 Ion Ratio Lower Upper
 168 100
 139 39.7 30.6 45.8
 169 14.0 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

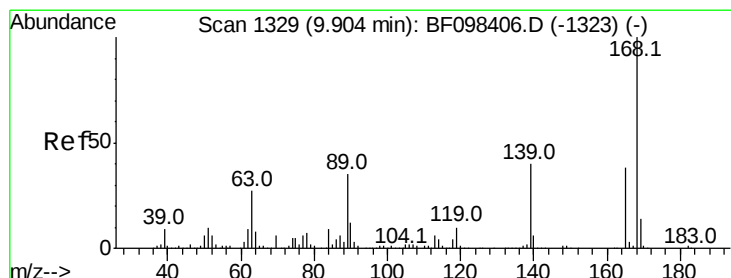
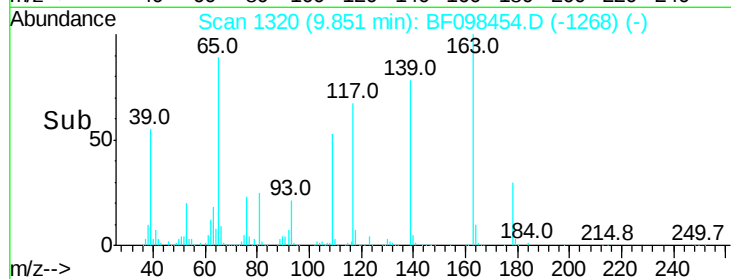
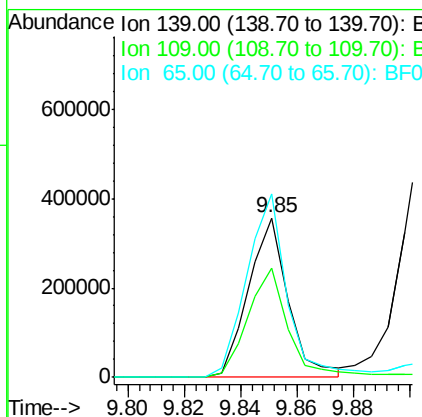
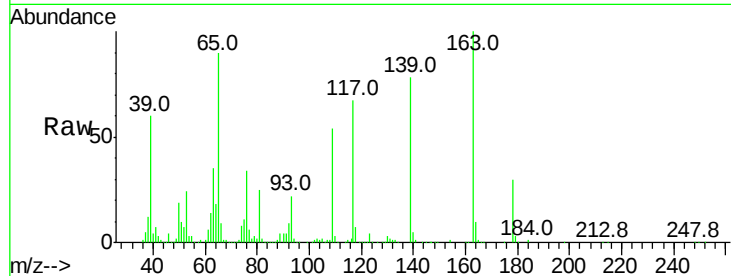




#55
4-Nitrophenol
Concen: 80.787 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

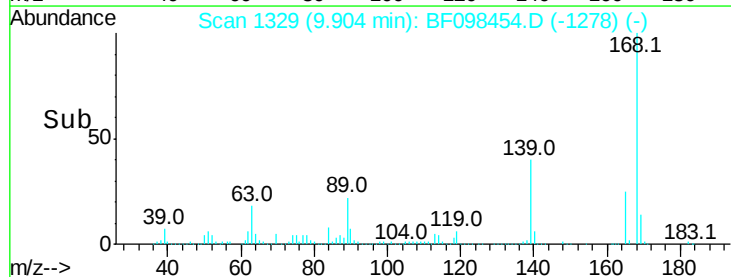
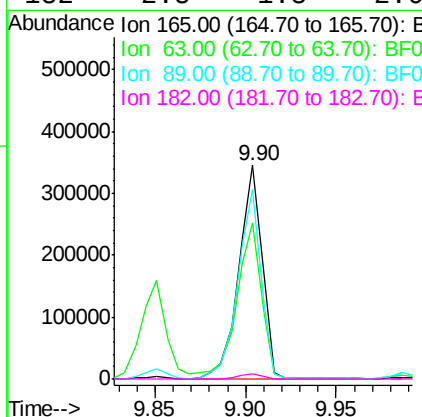
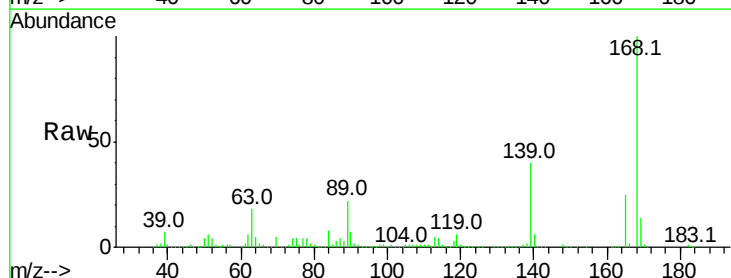
Instrument :
BNA_F
ClientSampleId :
PB102265BS

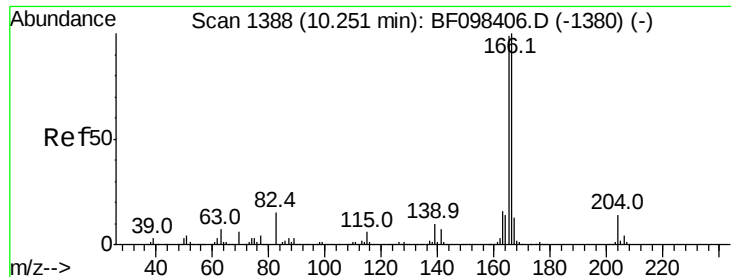
Tot Ion:139 Resp: 350524
Ion Ratio Lower Upper
139 100
109 68.7 34.1 74.1
65 115.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 40.589 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion:165 Resp: 308712
Ion Ratio Lower Upper
165 100
63 73.3 25.4 38.0#
89 88.9 46.4 69.6#
182 2.5 1.8 2.6





#57

Fluorene

Concen: 39.383 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

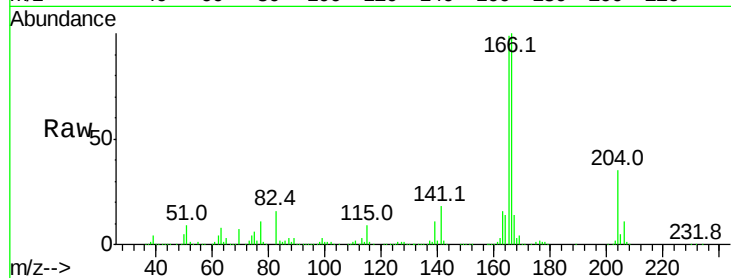
Tot Ion:166 Resp: 1020817

Ion Ratio Lower Upper

166 100

165 98.6 78.8 118.2

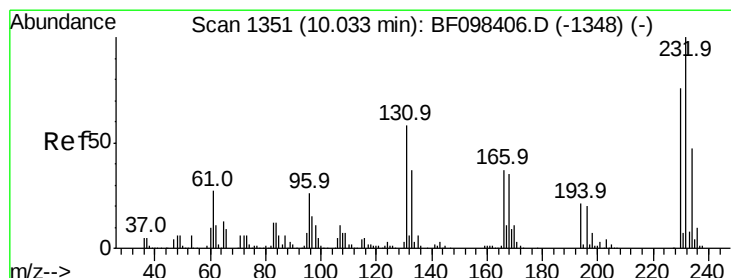
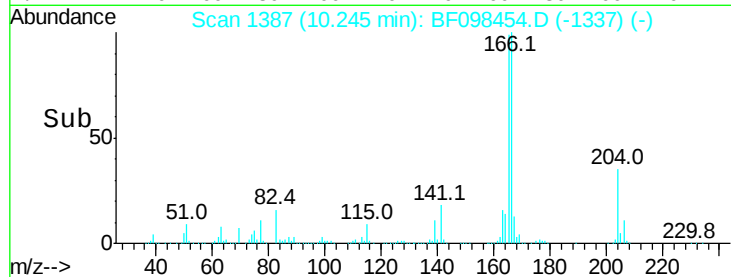
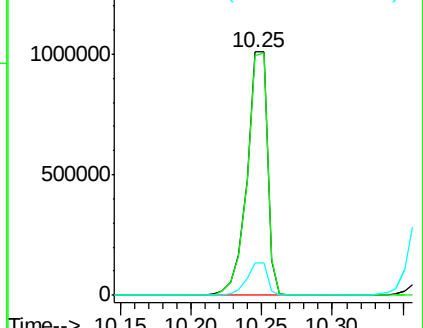
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.515 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Tgt Ion:232 Resp: 240273

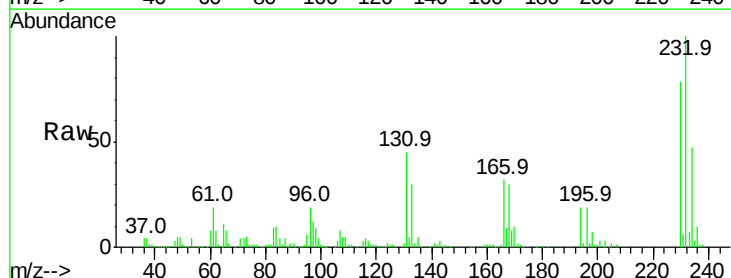
Ion Ratio Lower Upper

232 100

131 53.3 44.8 67.2

130 2.4 2.3 3.5

166 34.6 29.0 43.4

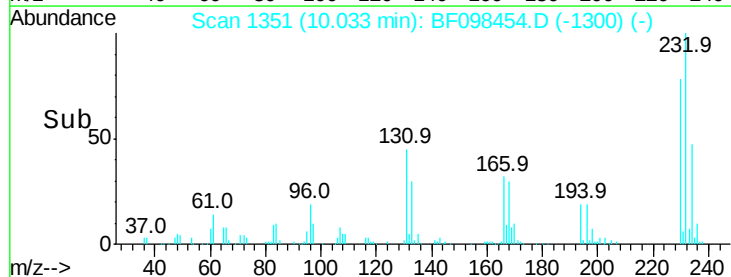
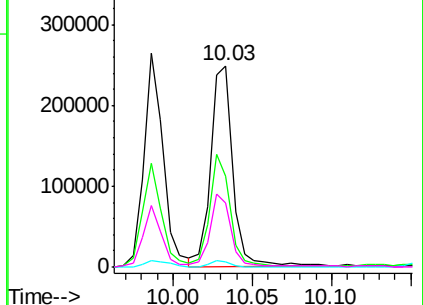


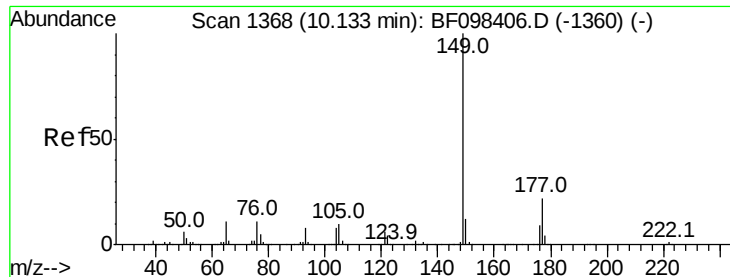
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

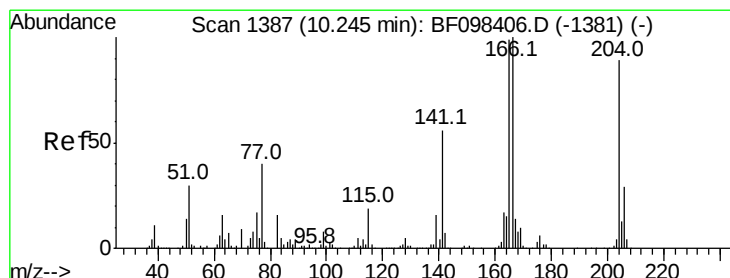
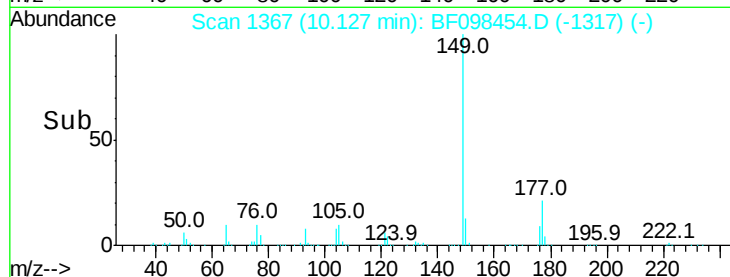
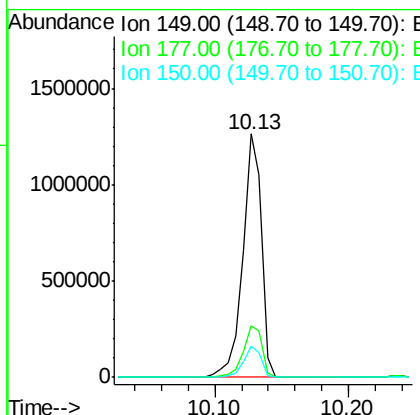
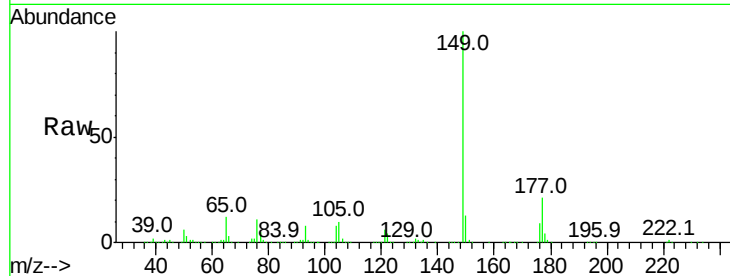




#59
Diethylphthalate
Concen: 41.855 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

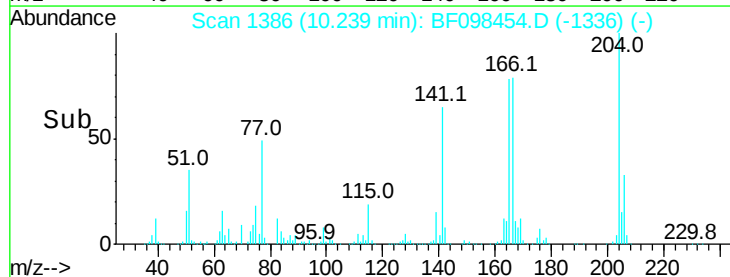
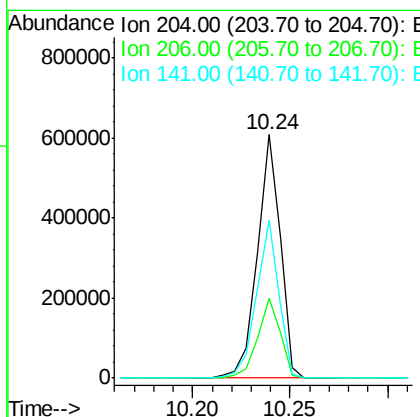
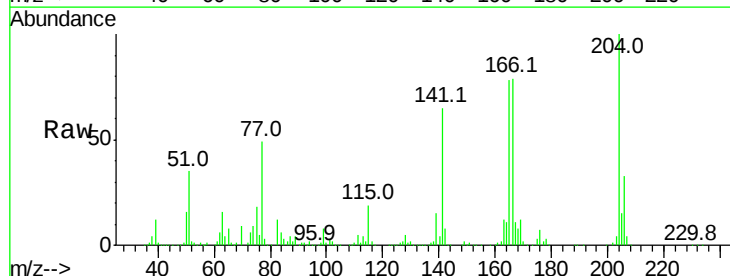
Instrument :
BNA_F
ClientSampleId :
PB102265BS

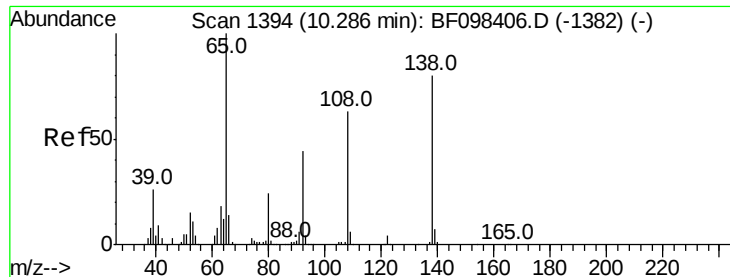
Tot Ion:149 Resp: 1212338
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.200 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion:204 Resp: 493259
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 64.8 60.8 91.2





#61

4-Nitroaniline

Concen: 33.036 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

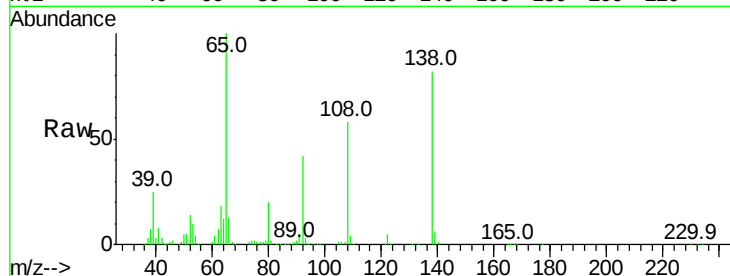
Tot Ion:138 Resp: 251958

Ion Ratio Lower Upper

138 100

92 50.8 21.8 61.8

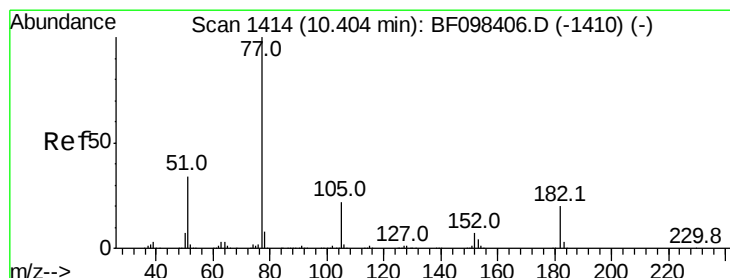
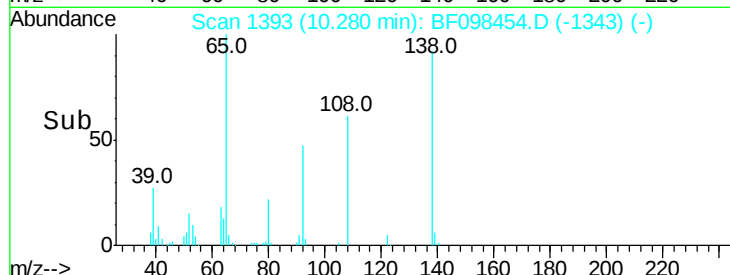
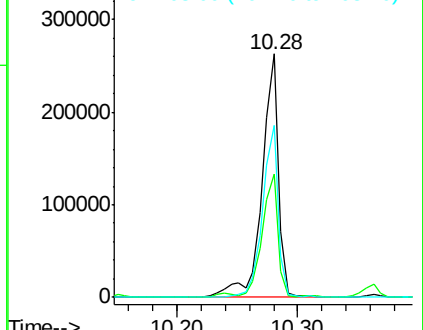
108 70.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.093 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Tgt Ion: 77 Resp: 1251646

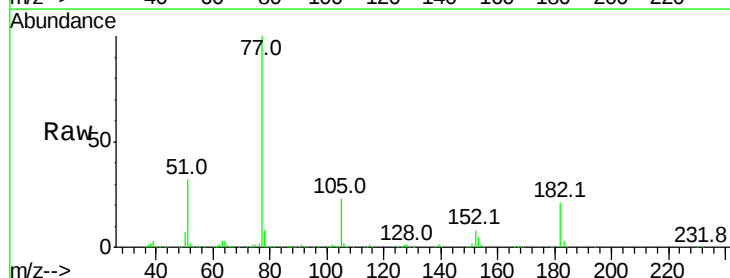
Ion Ratio Lower Upper

77 100

182 20.8 0.1 40.1

105 22.6 3.6 43.6

51 31.6 9.4 49.4

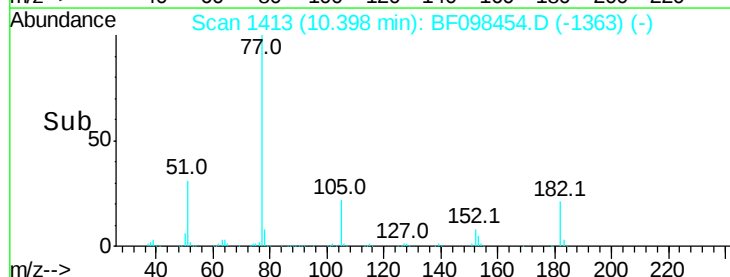
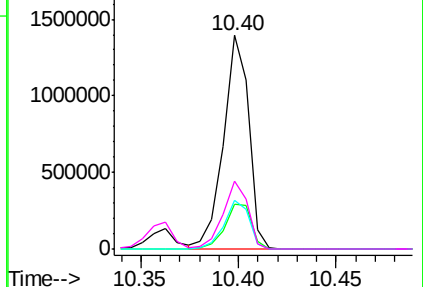


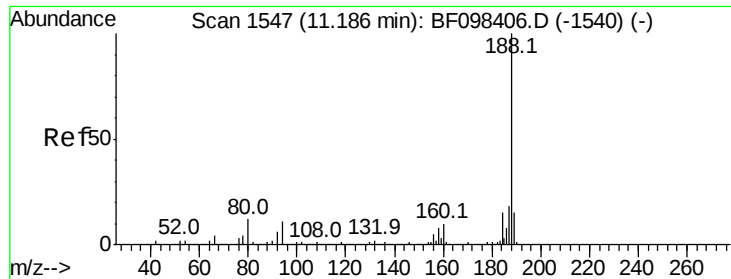
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

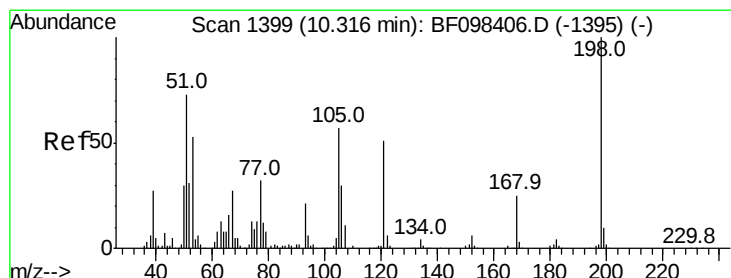
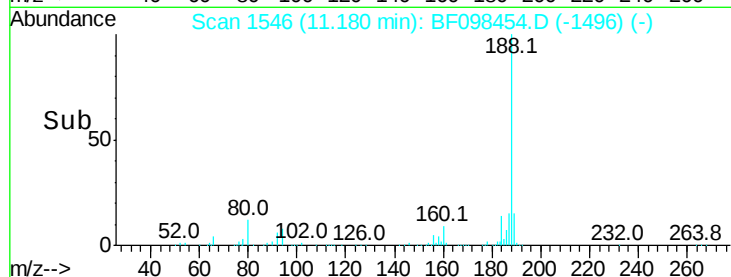
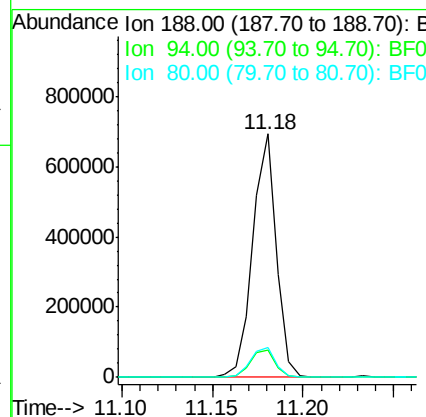
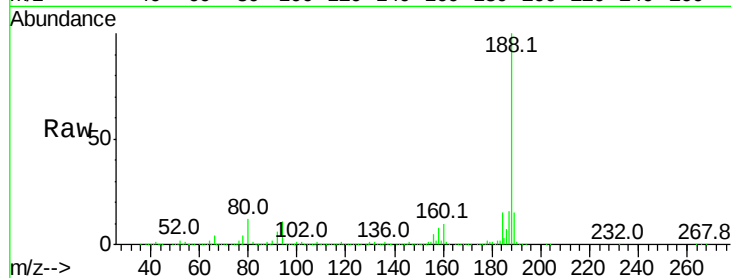




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

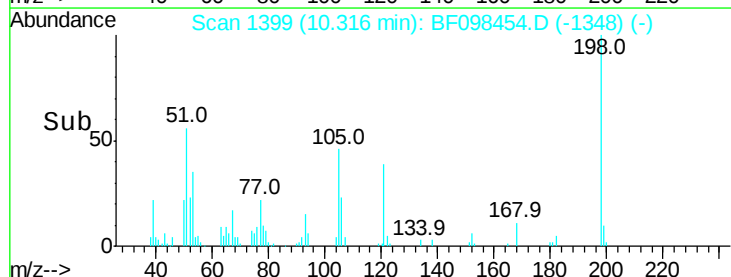
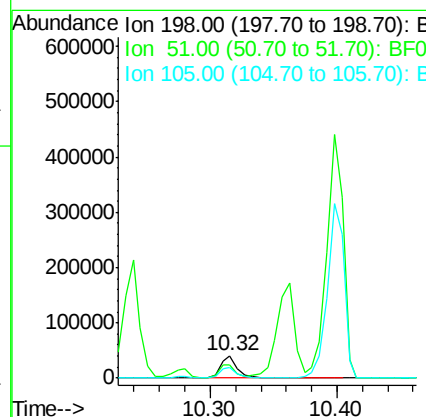
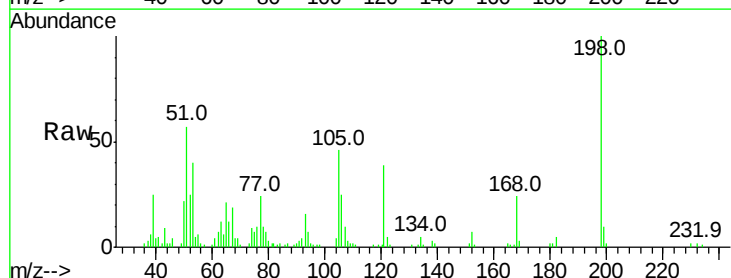
Instrument :
BNA_F
ClientSampleId :
PB102265BS

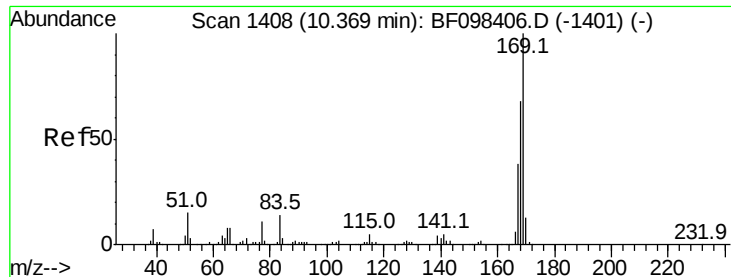
Tot Ion:188 Resp: 622725
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 14.114 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion:198 Resp: 38980
Ion Ratio Lower Upper
198 100
51 56.8 53.2 93.2
105 46.2 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 47.426 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

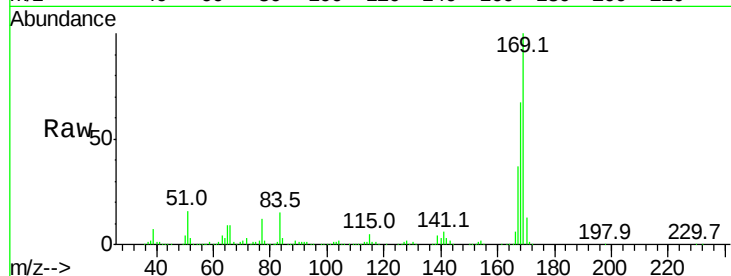
Tot Ion:169 Resp: 958957

Ion Ratio Lower Upper

169 100

168 67.3 53.2 79.8

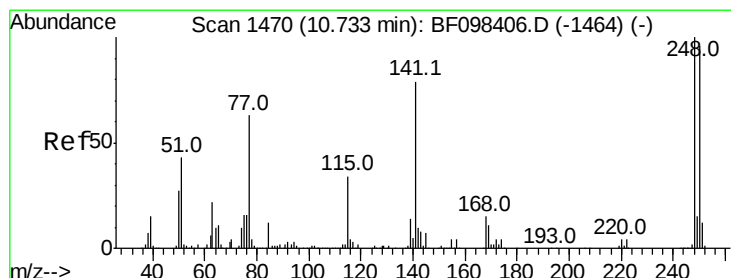
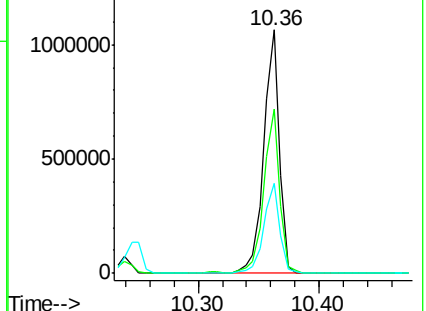
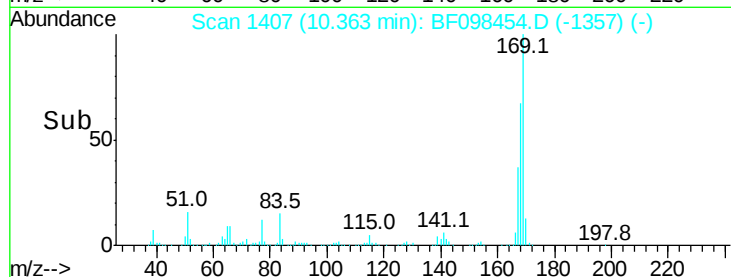
167 37.1 29.5 44.3



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: 49.308 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

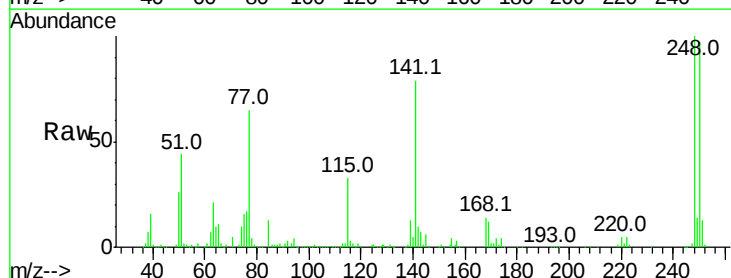
Tgt Ion:248 Resp: 291424

Ion Ratio Lower Upper

248 100

250 97.2 76.8 115.2

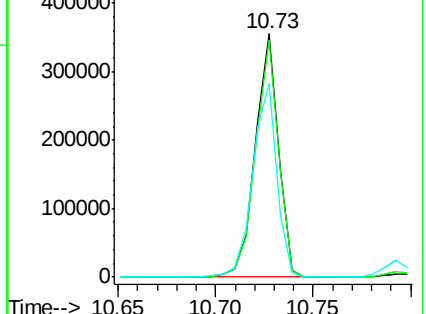
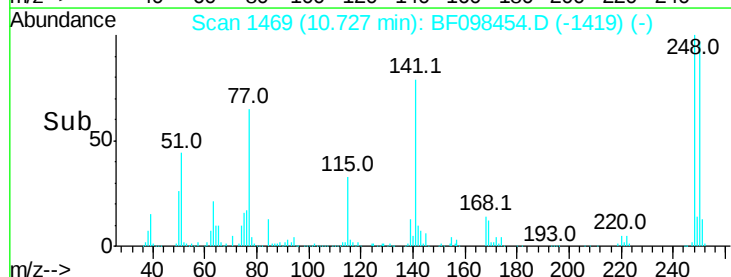
141 79.4 68.6 103.0

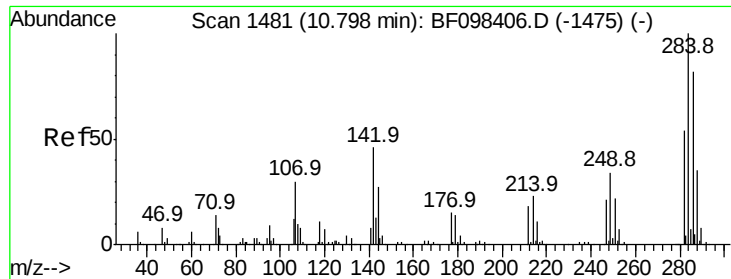


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.705 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

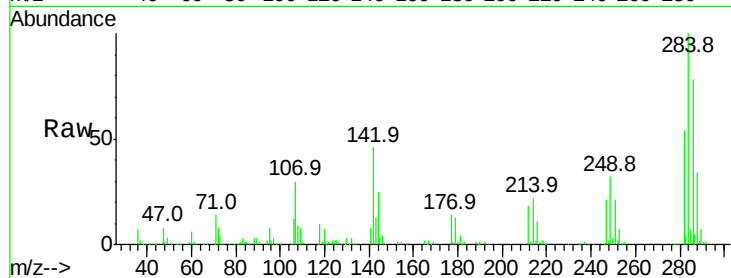
Tot Ion:284 Resp: 268003

Ion Ratio Lower Upper

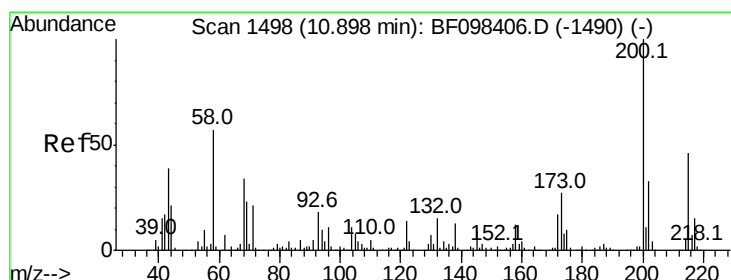
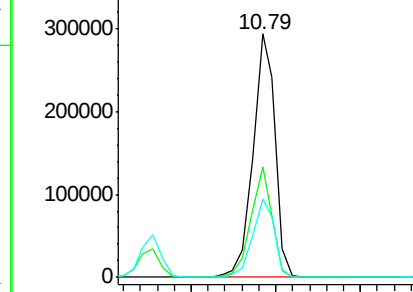
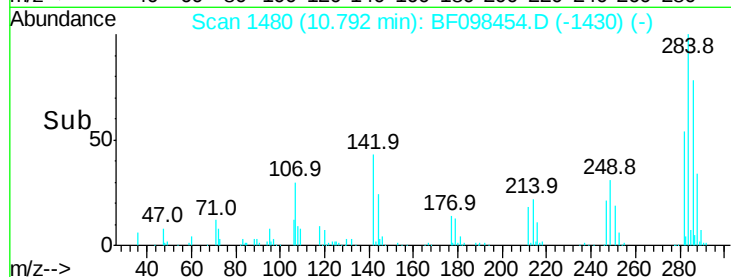
284 100

142 45.5 22.8 34.2#

249 32.2 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: 47.432 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

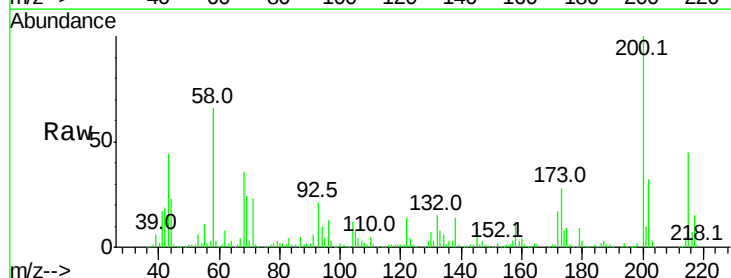
Tgt Ion:200 Resp: 295264

Ion Ratio Lower Upper

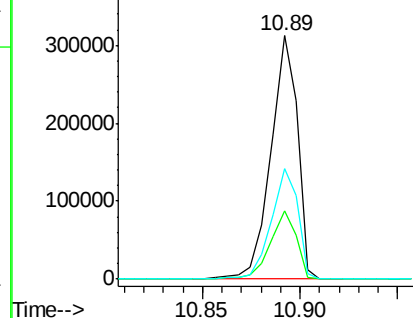
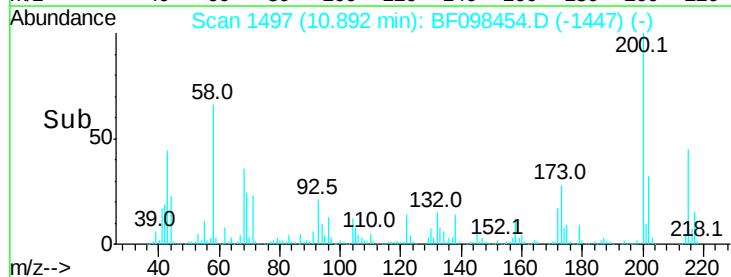
200 100

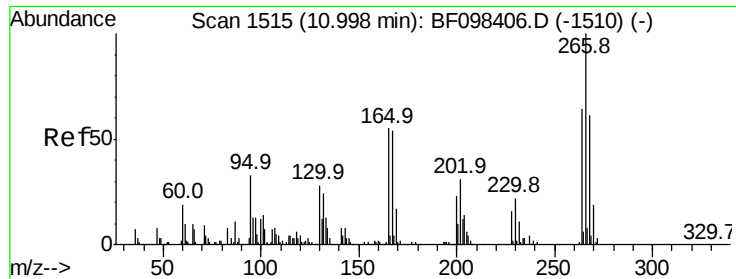
173 28.1 6.3 46.3

215 45.5 27.2 67.2



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

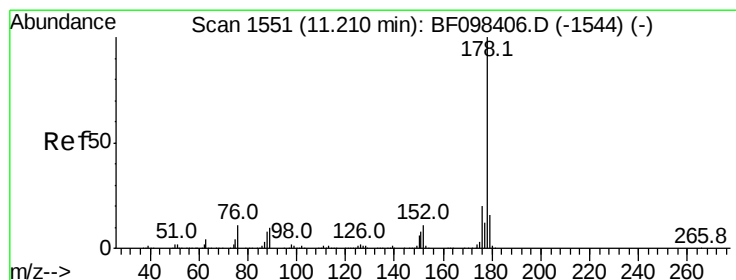
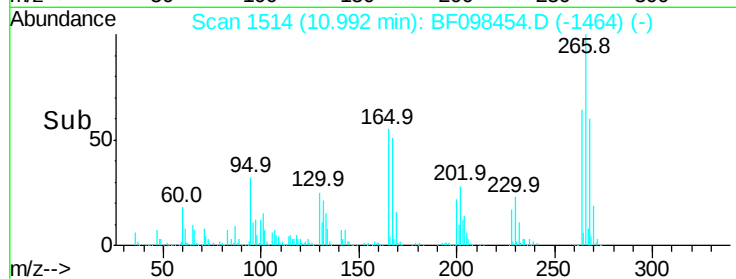
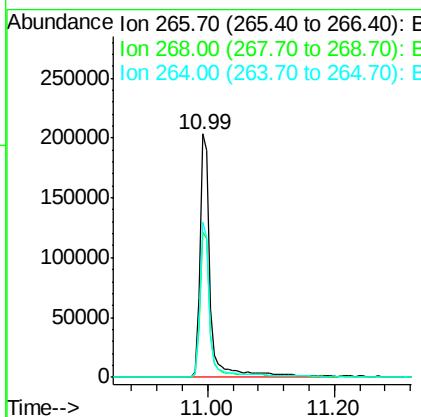
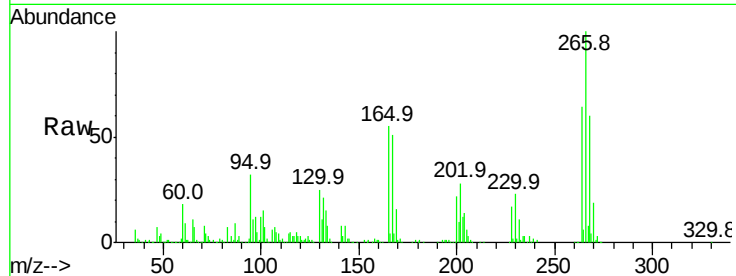




#69
 Pentachlorophenol
 Concen: 85.737 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

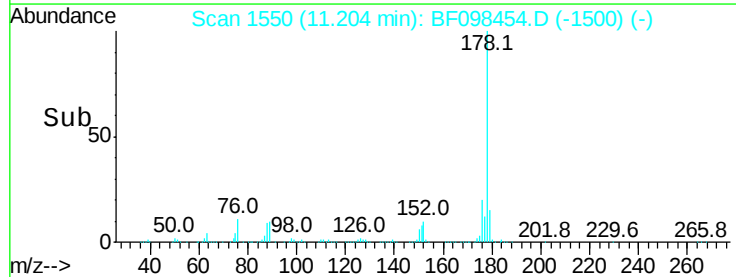
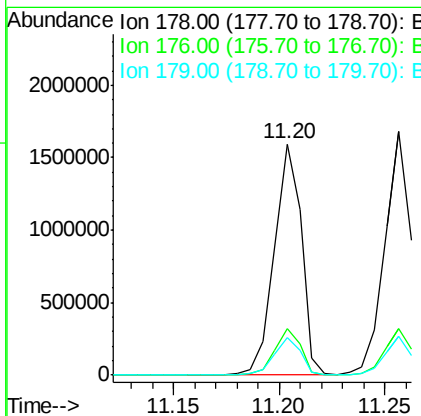
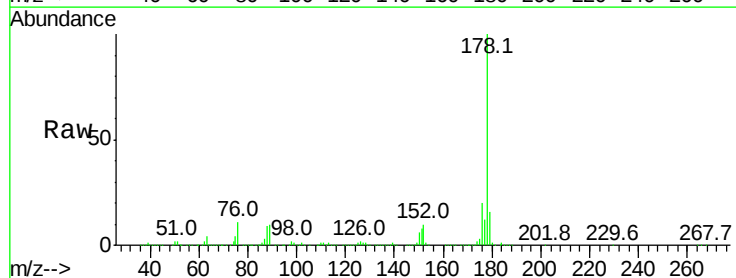
Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

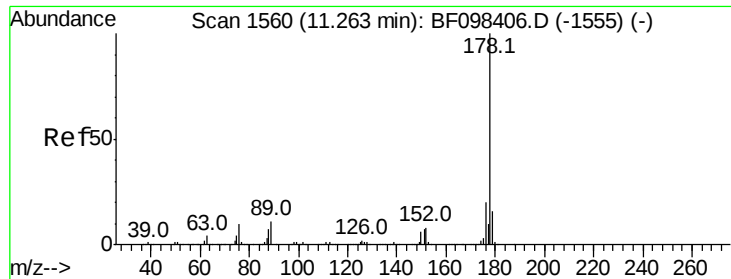
Tot Ion	Ratio	Lower	Upper
266	100		
268	59.8	51.1	76.7
264	63.7	51.7	77.5



#70
 Phenanthrene
 Concen: 43.212 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	16.0	12.6	19.0

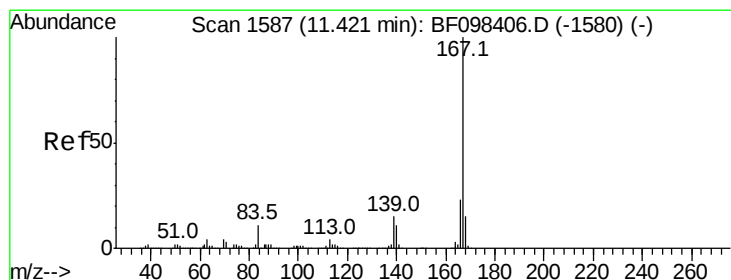
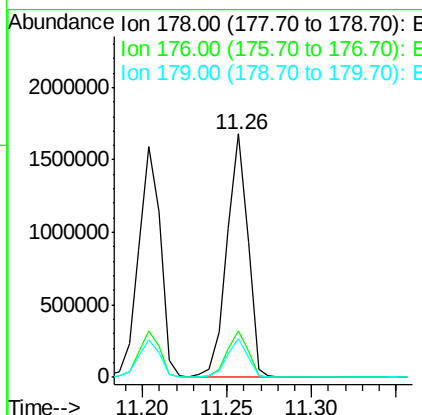
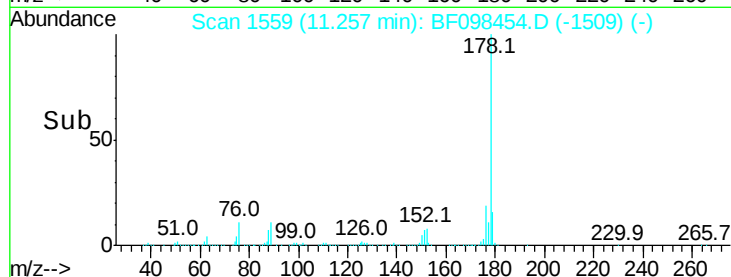
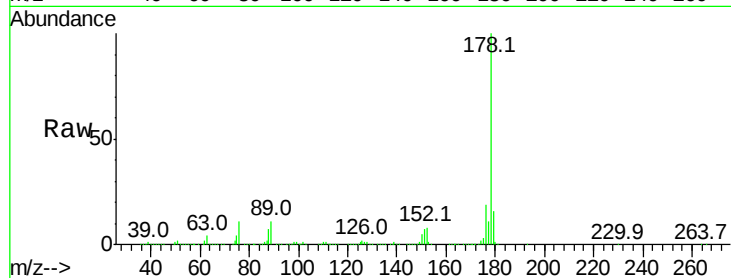




#71
 Anthracene
 Concen: 42.707 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

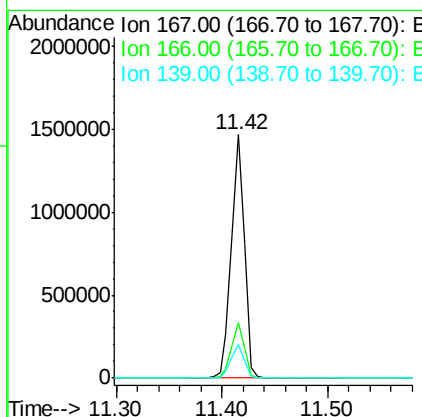
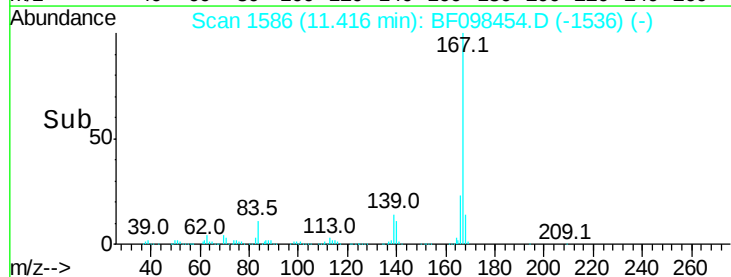
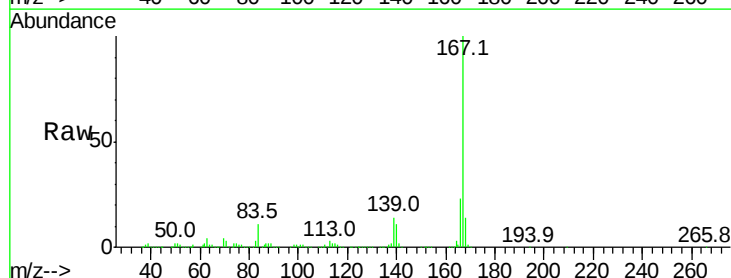
Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

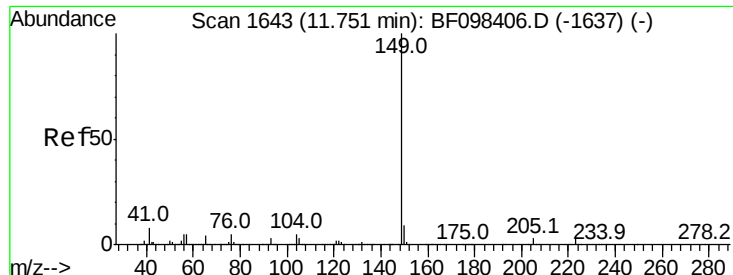
Tot Ion:178 Resp: 1447495
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 39.363 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:167 Resp: 1243389
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.229 ng

RT: 11.74 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

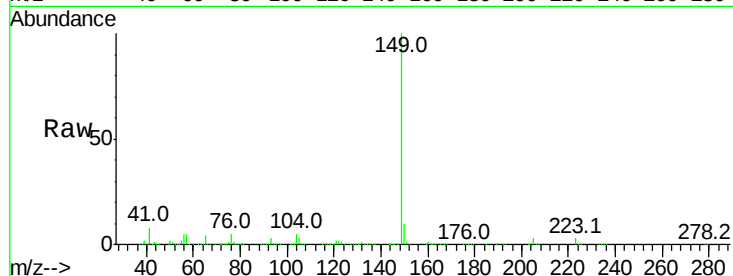
Tot Ion:149 Resp: 1711782

Ion Ratio Lower Upper

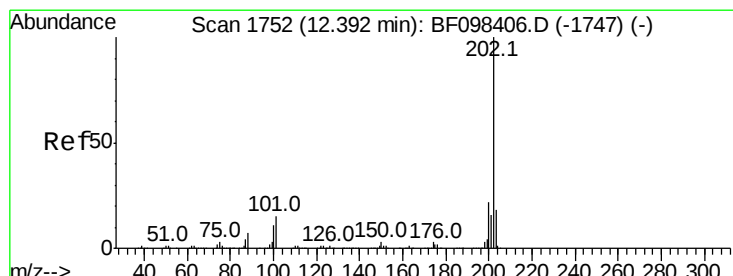
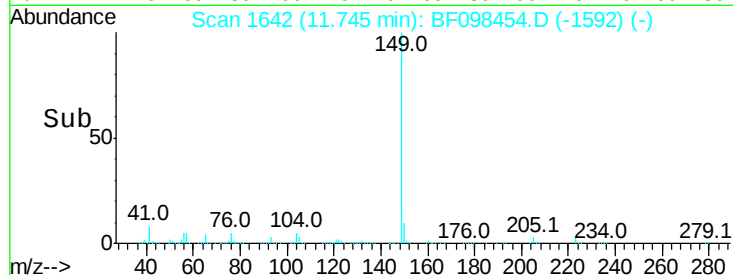
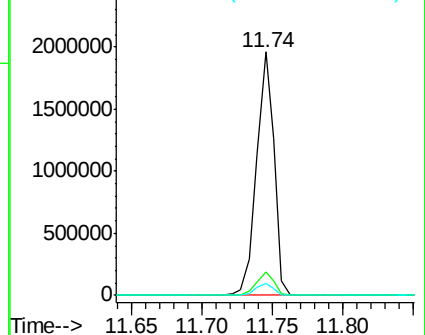
149 100

150 9.6 7.7 11.5

104 5.1 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: 38.660 ng

RT: 12.39 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

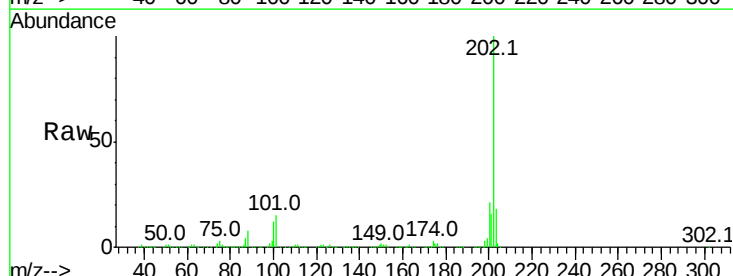
Tgt Ion:202 Resp: 1277624

Ion Ratio Lower Upper

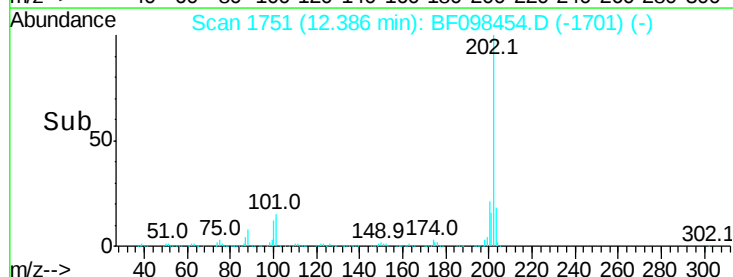
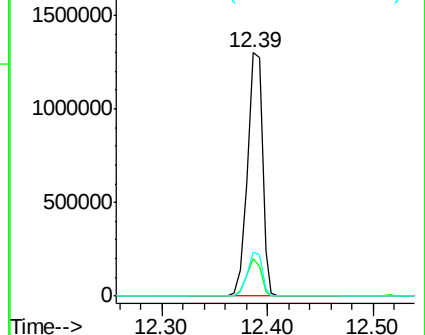
202 100

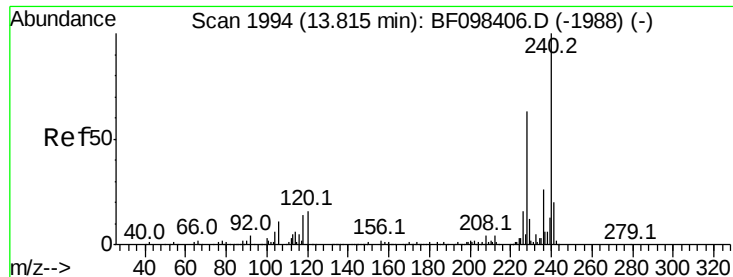
101 15.3 0.0 33.2

203 17.9 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: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

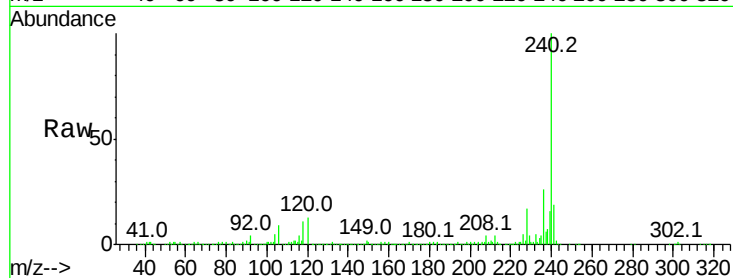
Tot Ion:240 Resp: 390857

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

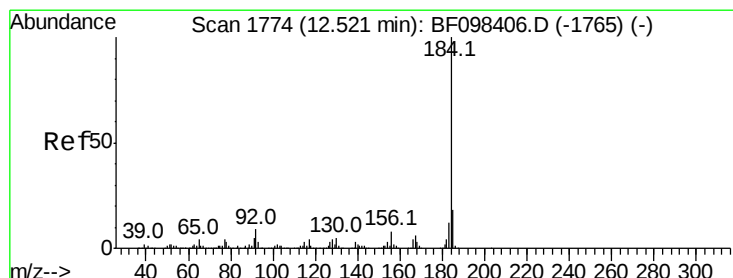
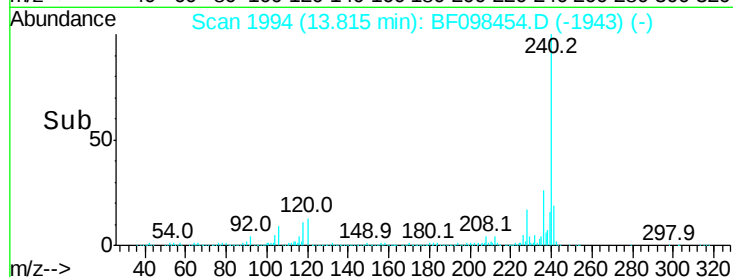
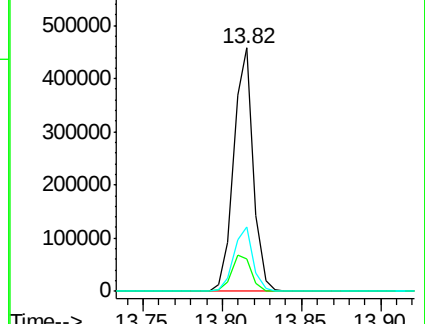
236 26.4 20.5 30.7



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: 48.151 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

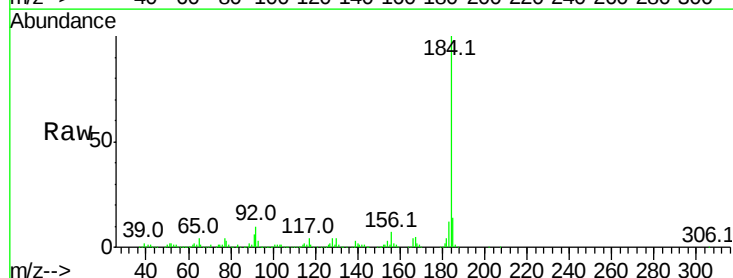
Tgt Ion:184 Resp: 832912

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

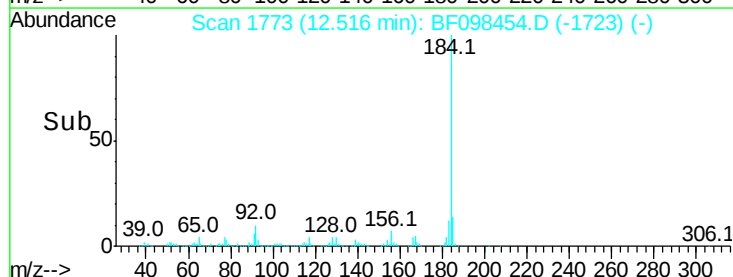
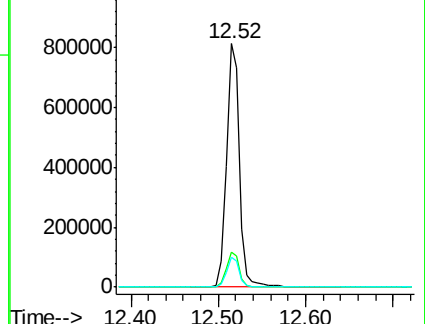
183 12.1 9.8 14.6

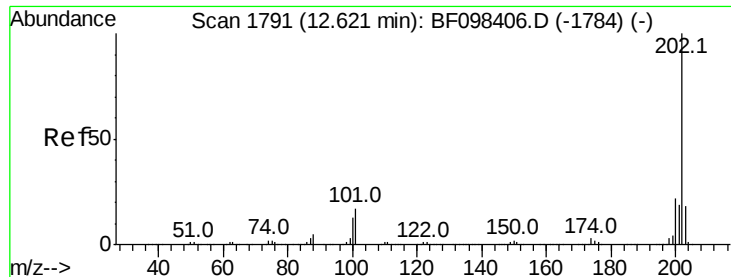


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

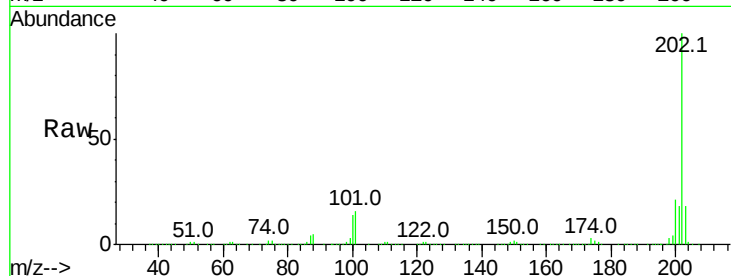




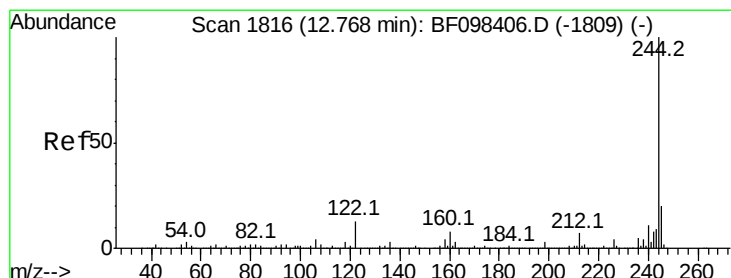
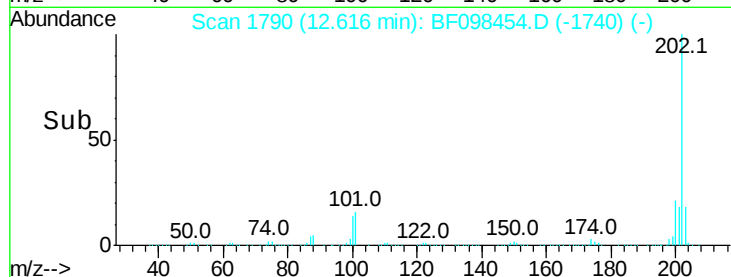
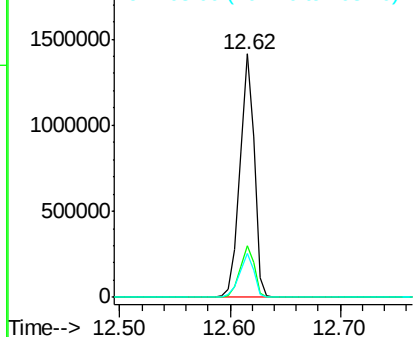
#77
Pvrene
Concen: 41.942 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
PB102265BS

Tot Ion:202 Resp: 1293200
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 18.1 14.4 21.6

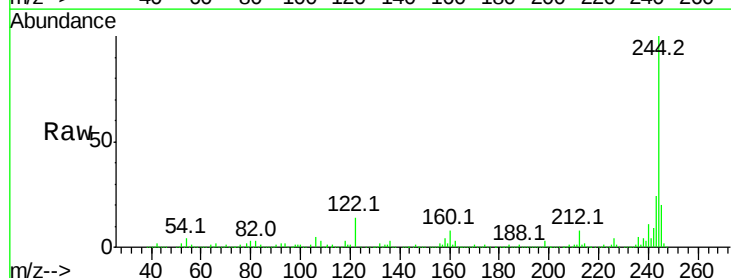


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

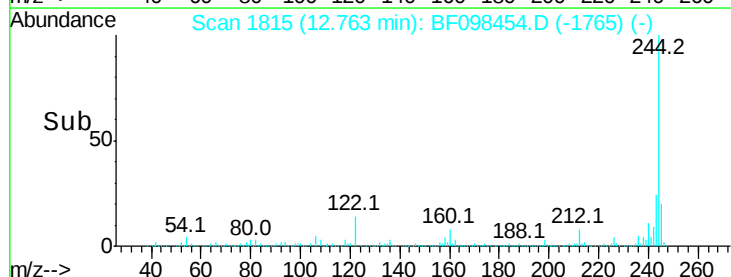
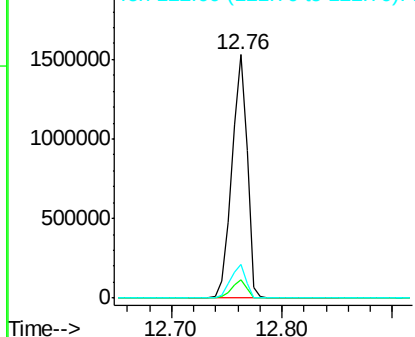


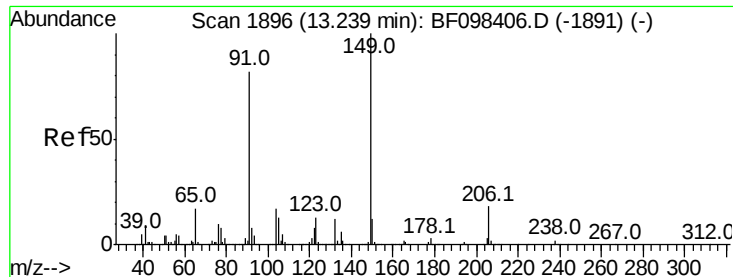
#78
Terphenyl-d14
Concen: 82.655 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion:244 Resp: 1496729
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 13.8 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

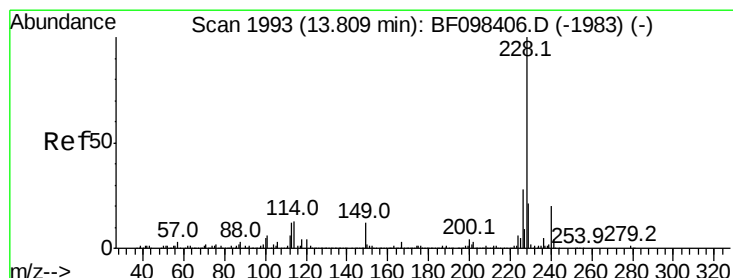
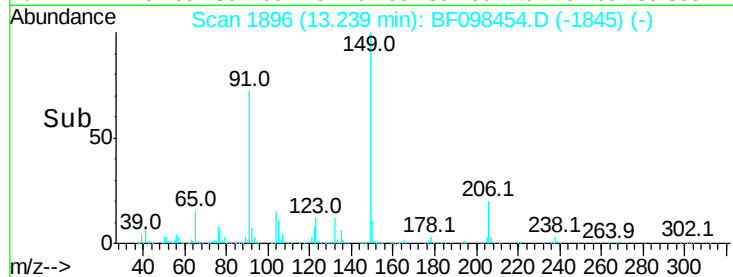
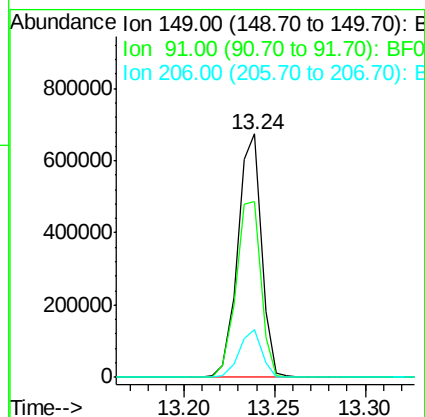
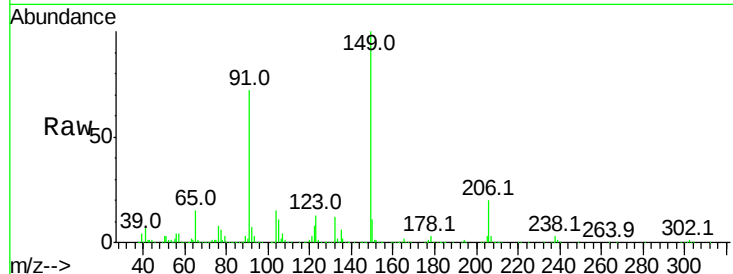




#79
Butylbenzylphthalate
Concen: 45.782 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

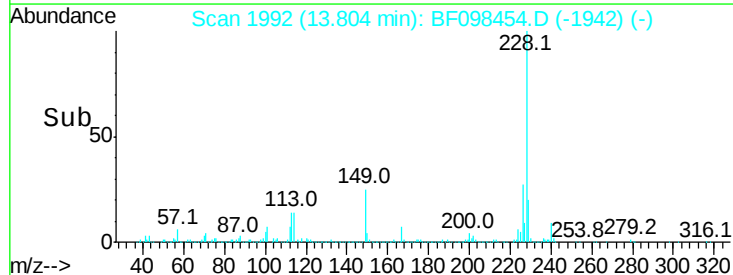
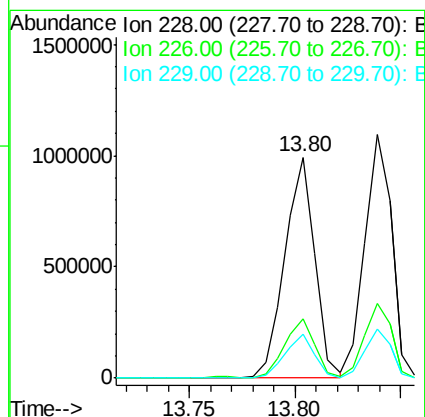
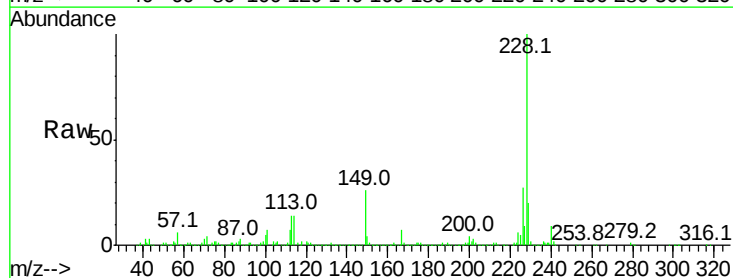
Instrument :
BNA_F
ClientSampleId :
PB102265BS

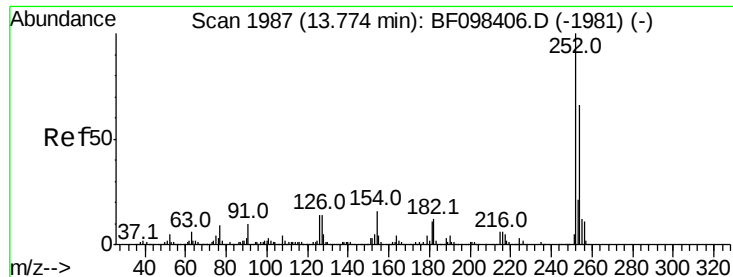
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.3	45.0	67.4#
206	19.9	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.004 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098454.D
Acq: 12 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.2	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 41.678 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

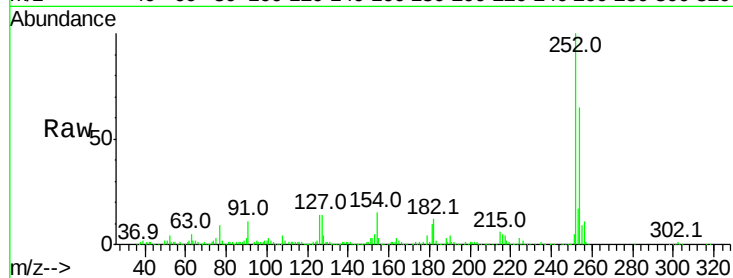
Tot Ion:252 Resp: 371156

Ion Ratio Lower Upper

252 100

254 64.6 51.5 77.3

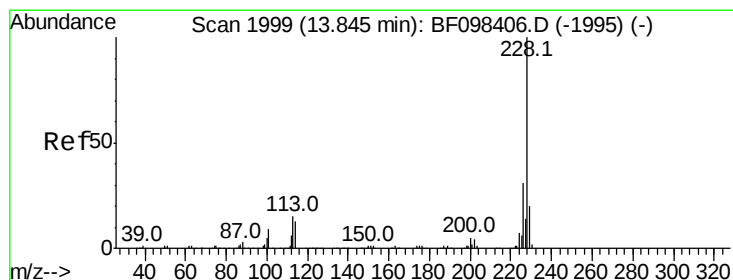
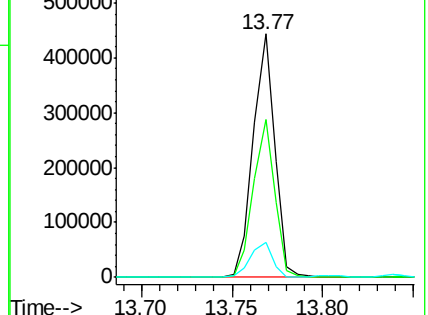
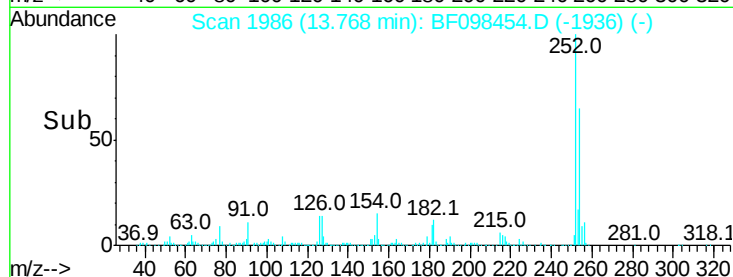
126 14.4 15.8 23.8#



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: 42.439 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

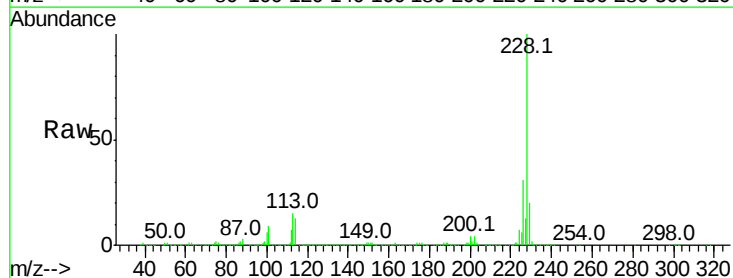
Tgt Ion:228 Resp: 983024

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

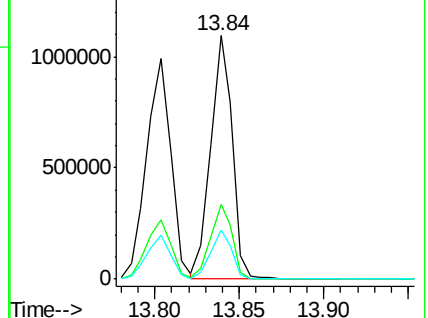
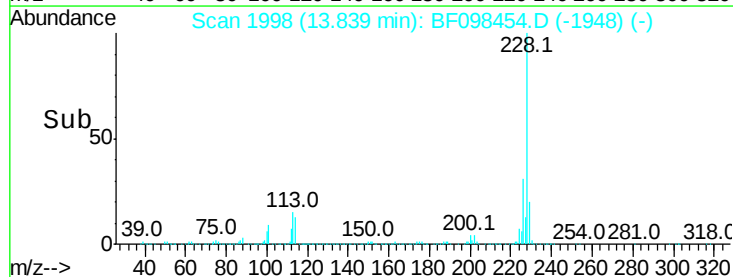
229 20.3 15.8 23.6

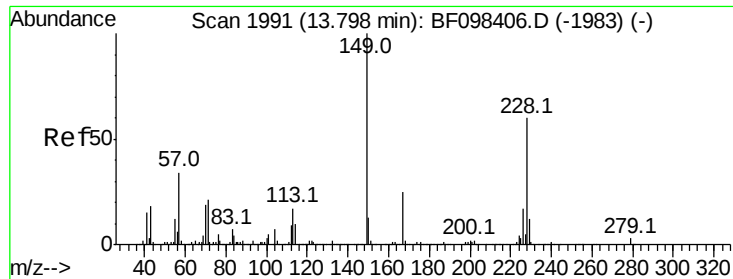


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

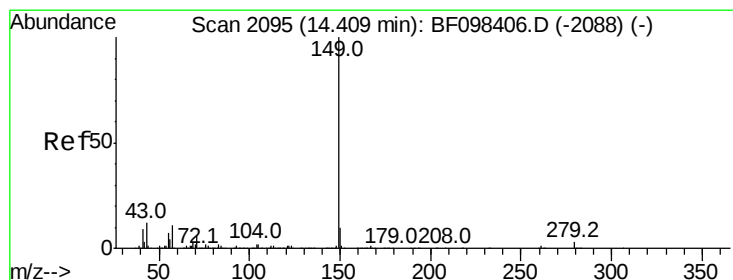
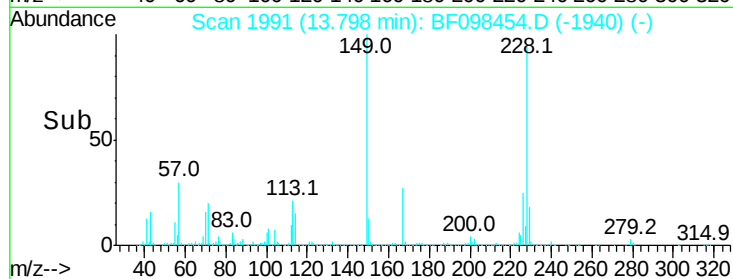
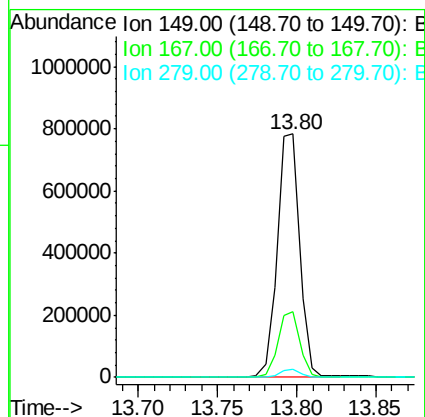
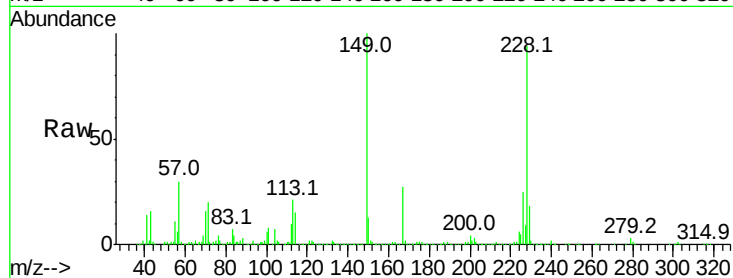




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.096 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

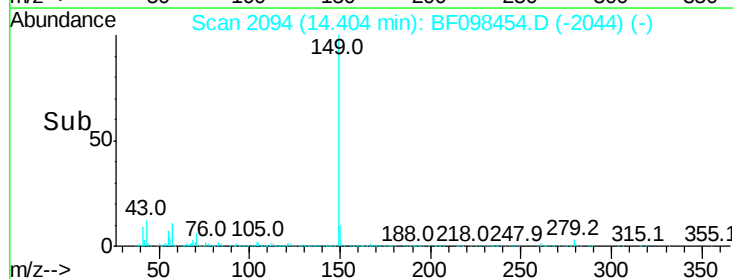
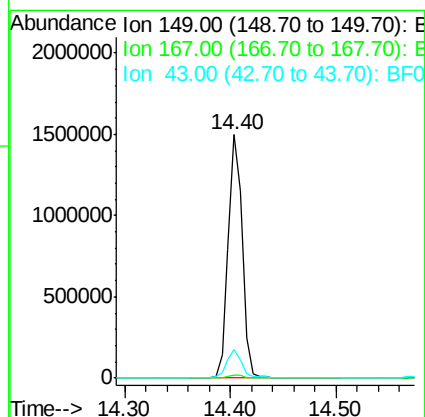
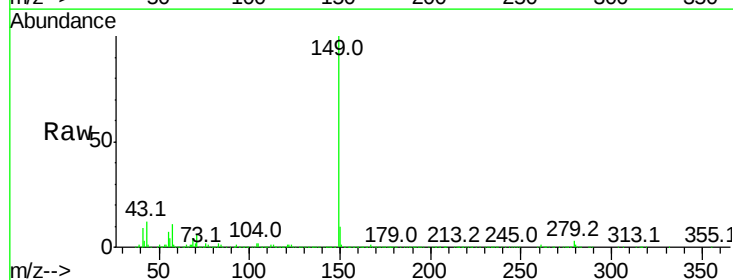
Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

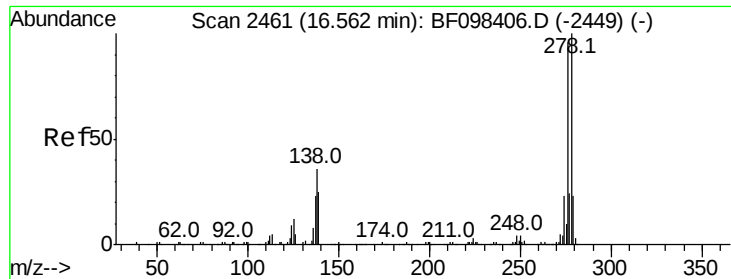
Tot Ion:149 Resp: 773842
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 47.934 ng
 RT: 14.40 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:149 Resp: 1380617
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.3 8.5 12.7

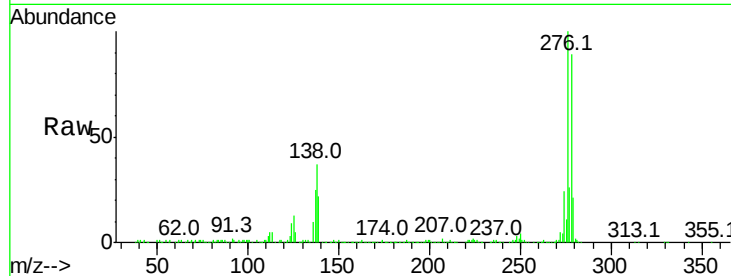




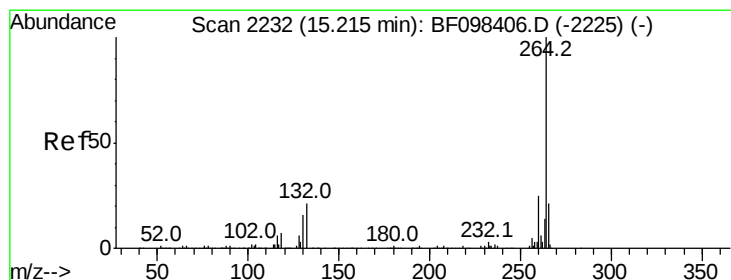
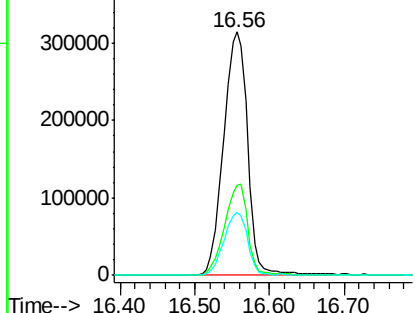
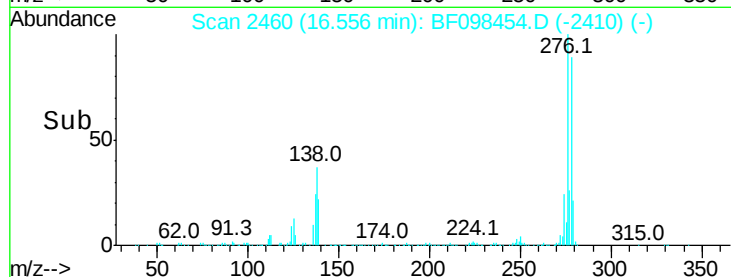
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.674 ng
 RT: 16.56 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB102265BS

Tot Ion:276 Resp: 709755
 Ion Ratio Lower Upper
 276 100
 138 36.4 27.8 41.6
 277 25.4 20.2 30.4

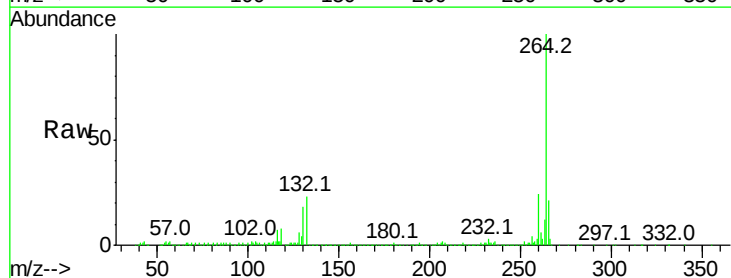


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

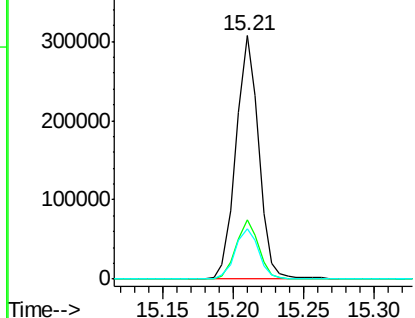
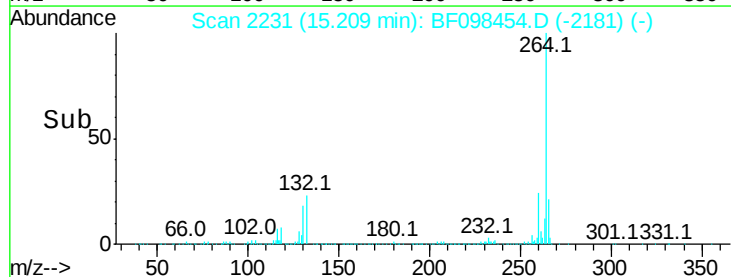


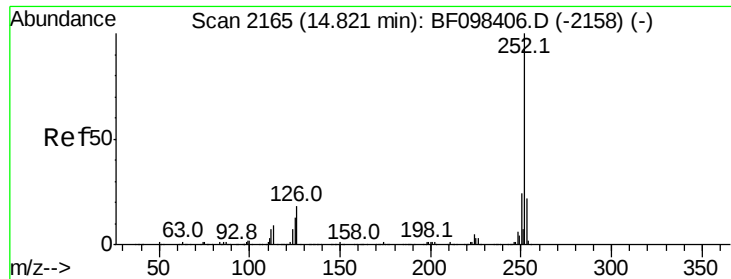
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF098454.D
 Acq: 12 Sep 2017 17:03

Tgt Ion:264 Resp: 345690
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 20.9 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: 43.978 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

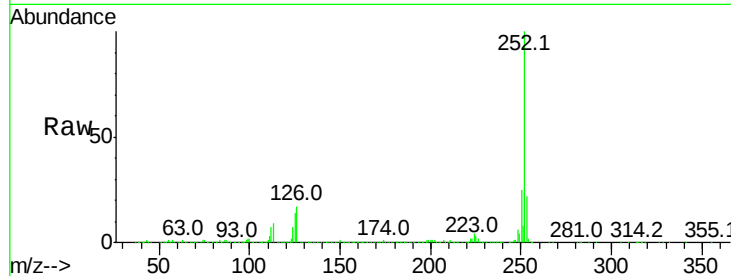
Tot Ion:252 Resp: 955914

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

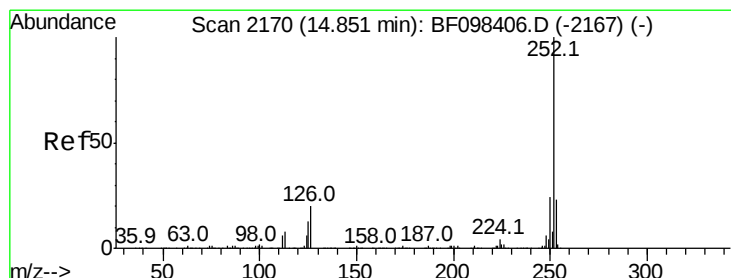
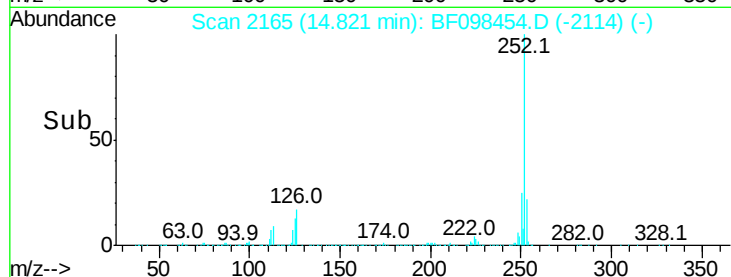
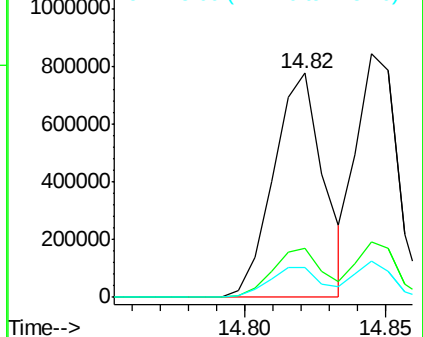
125 13.6 9.8 14.8



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: 42.693 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

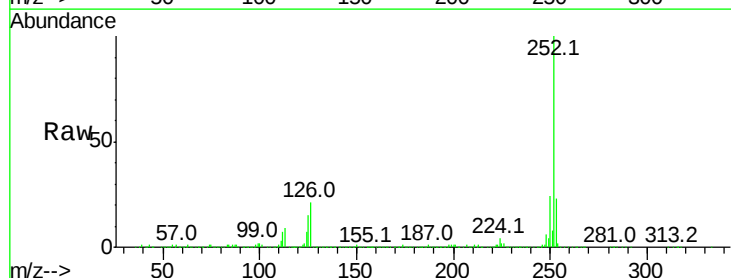
Tgt Ion:252 Resp: 866321

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

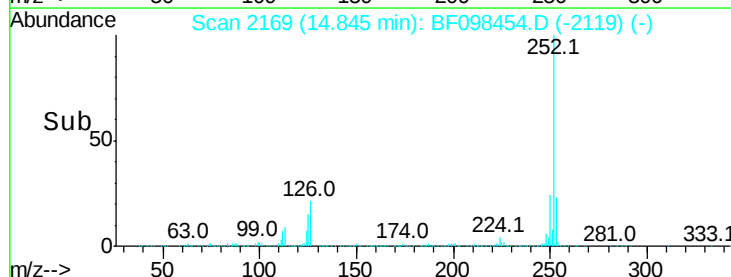
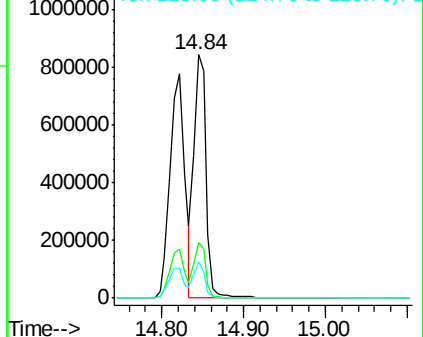
125 15.0 13.1 19.7

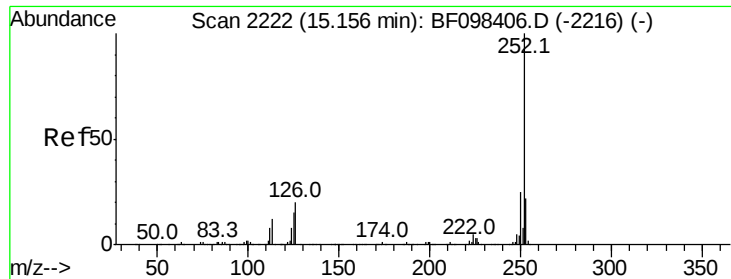


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.820 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.00 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

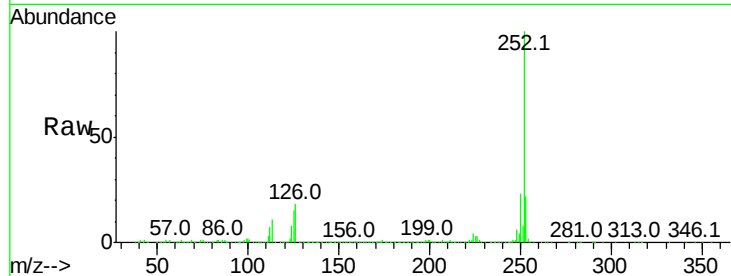
Tot Ion:252 Resp: 848544

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

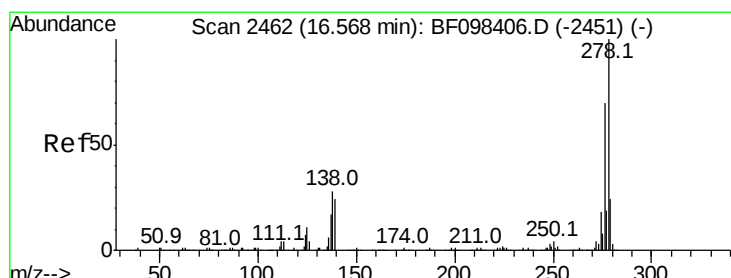
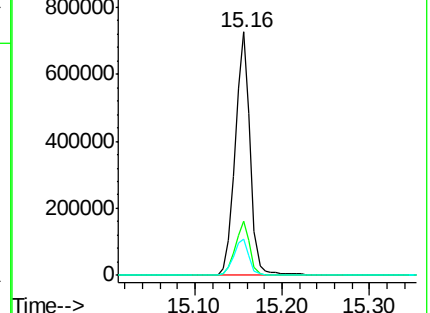
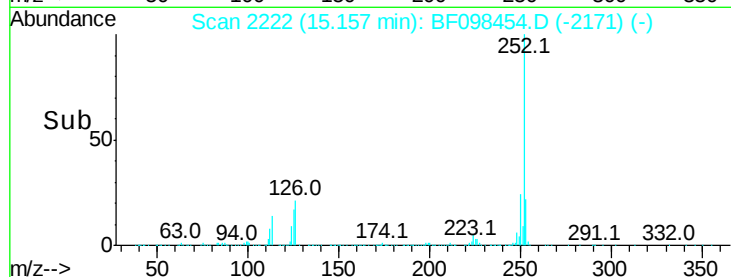
125 14.8 11.0 16.4



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: 42.229 ng

RT: 16.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

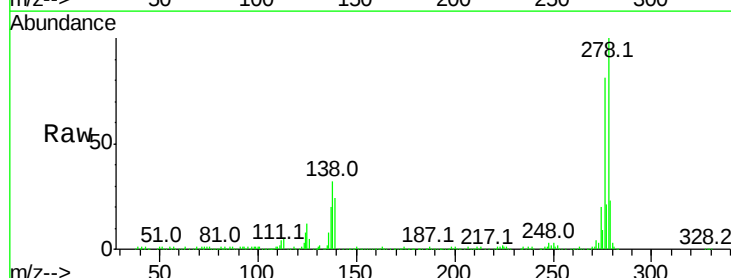
Tgt Ion:278 Resp: 594858

Ion Ratio Lower Upper

278 100

139 23.7 16.6 24.8

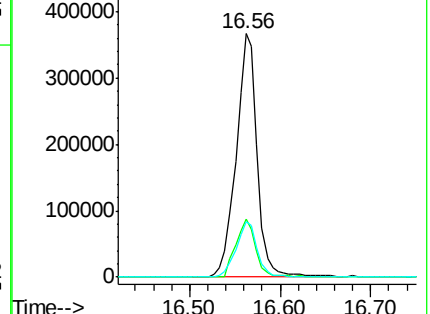
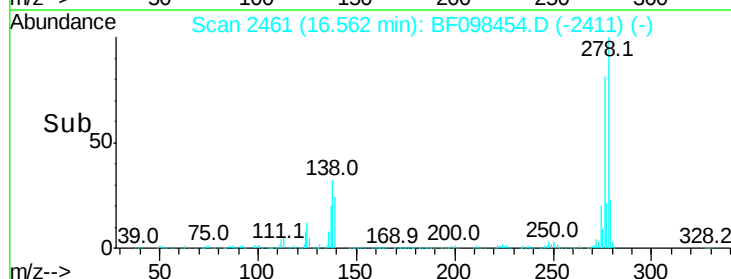
279 22.9 19.3 28.9

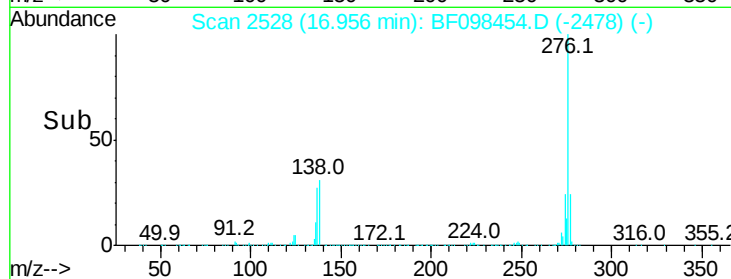
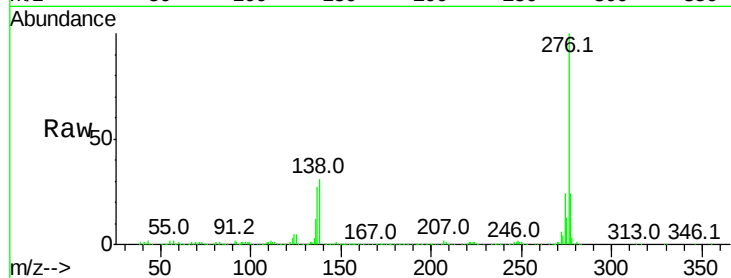
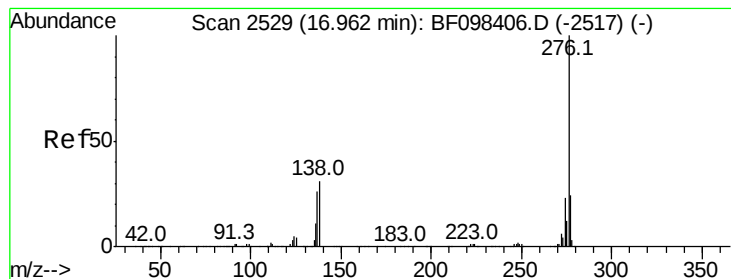


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.049 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF098454.D

Acq: 12 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

PB102265BS

Tot Ion:276 Resp: 567425

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 30.8 25.4 38.0

