

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098608.D
 Acq On : 18 Sep 2017 18:05
 Operator : SJ/JU
 Sample : I5244-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:35:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	115115	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	468397	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	210978	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	339421	20.00	ng	0.00
75) Chrysene-d12	13.79	240	215194	20.00	ng	0.00
86) Perylene-d12	15.18	264	196181	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	988572	126.97	ng	0.02
7) Phenol-d6	6.30	99	1208354	122.24	ng	0.01
23) Nitrobenzene-d5	7.21	82	764265	90.96	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	214724	152.49	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1230894	98.89	ng	0.00
78) Terphenyl-d14	12.73	244	842051	84.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	106631	26.535	ng	# 84
3) Pyridine	2.98	79	286785	26.873	ng	# 74
4) n-Nitrosodimethylamine	2.95	42	175890	33.618	ng	# 84
6) Aniline	6.30	93	306908	24.747	ng	# 33
8) 2-Chlorophenol	6.43	128	344436	40.231	ng	# 95
9) Benzaldehyde	6.19	77	157467	24.368	ng	# 100
10) Phenol	6.31	94	431985	37.623	ng	# 73
11) bis(2-Chloroethyl)ether	6.38	93	319291	36.882	ng	# 93
12) 1,3-Dichlorobenzene	6.57	146	353976	41.078	ng	# 97
13) 1,4-Dichlorobenzene	6.65	146	357533	40.506	ng	# 95
14) 1,2-Dichlorobenzene	6.80	146	335282	41.693	ng	# 100
15) Benzyl Alcohol	6.79	79	304861	46.339	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	6.92	45	515802	36.212	ng	# 54
17) 2-Methylphenol	6.92	107	282940	40.529	ng	# 86
18) Hexachloroethane	7.14	117	124393	36.799	ng	# 86
19) n-Nitroso-di-n-propylamine	7.06	70	256240	41.209	ng	# 96
20) 3+4-Methylphenols	7.07	107	370152	42.015	ng	# 69
22) Acetophenone	7.06	105	508835	42.032	ng	# 92
24) Nitrobenzene	7.23	77	370332	38.696	ng	# 98
25) Isophorone	7.47	82	663667	39.041	ng	# 99
26) 2-Nitrophenol	7.55	139	180764	46.781	ng	# 81
27) 2,4-Dimethylphenol	7.59	122	294672	40.004	ng	# 93
28) bis(2-Chloroethoxy)methane	7.68	93	416829	40.186	ng	# 99
29) 2,4-Dichlorophenol	7.79	162	283432	46.265	ng	# 97
30) 1,2,4-Trichlorobenzene	7.86	180	308609	46.309	ng	# 98
31) Naphthalene	7.95	128	978587	42.262	ng	# 100
32) Benzoic acid	7.70	122	13753	10.291	ng	# 96
33) 4-Chloroaniline	8.00	127	174211	18.512	ng	# 99
34) Hexachlorobutadiene	8.06	225	167507	48.963	ng	# 99
35) Caprolactam	8.39	113	48570	22.991	ng	# 87
36) 4-Chloro-3-methylphenol	8.50	107	310439	40.861	ng	# 81
37) 2-Methylnaphthalene	8.63	142	636212	45.359	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	277365	42.205	ng	# 98
40) Hexachlorocyclopentadiene	8.78	237	35384	25.957	ng	# 99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098608.D
 Acq On : 18 Sep 2017 18:05
 Operator : SJ/JU
 Sample : I5244-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

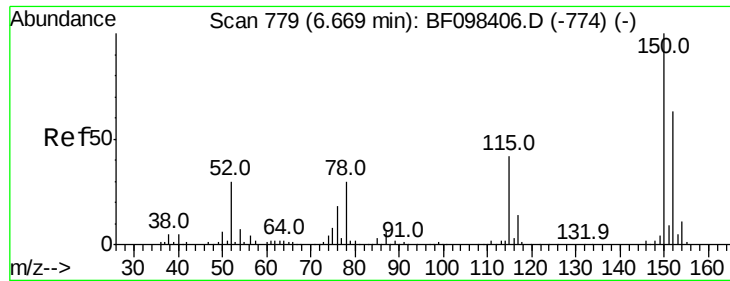
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:35:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.92	196	179906	46.606	nq	93
43) 2,4,5-Trichlorophenol	8.97	196	186537	46.233	nq	95
45) 1,1'-Biphenyl	9.10	154	759332	40.211	nq	99
46) 2-Chloronaphthalene	9.12	162	570689	42.316	nq	# 91
47) 2-Nitroaniline	9.23	65	204583	39.523	nq	93
48) Acenaphthylene	9.53	152	800684	39.930	nq	99
49) Dimethylphthalate	9.40	163	861278	52.737	nq	100
50) 2,6-Dinitrotoluene	9.47	165	149914	44.688	nq	# 79
51) Acenaphthene	9.70	154	514411	40.357	nq	97
52) 3-Nitroaniline	9.64	138	113475	28.022	nq	99
53) 2,4-Dinitrophenol	9.76	184	29384	25.080	nq	# 82
54) Dibenzofuran	9.87	168	735345	43.791	nq	96
55) 4-Nitrophenol	9.83	139	158972	68.329	nq	# 38
56) 2,4-Dinitrotoluene	9.88	165	180723	44.312	nq	# 55
57) Fluorene	10.22	166	567211	40.810	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.00	232	132607	48.905	nq	96
59) Diethylphthalate	10.10	149	683173	43.986	nq	97
60) 4-Chlorophenyl-phenylether	10.21	204	284996	44.394	nq	95
61) 4-Nitroaniline	10.26	138	129757	31.729	nq	77
62) Azobenzene	10.37	77	617686	36.899	nq	94
64) 4,6-Dinitro-2-methylphenol	10.29	198	53972	28.208	nq	81
65) n-Nitrosodiphenylamine	10.33	169	516478	46.862	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	158710	49.267	nq	96
67) Hexachlorobenzene	10.77	284	146429	44.813	nq	# 90
68) Atrazine	10.87	200	167147	49.263	nq	97
69) Pentachlorophenol	10.97	266	113665	78.705	nq	97
70) Phenanthrene	11.17	178	815741	45.335	nq	98
71) Anthracene	11.23	178	795735	43.073	nq	97
72) Carbazole	11.39	167	671698	39.013	nq	98
73) Di-n-butylphthalate	11.72	149	949166	46.012	nq	99
74) Fluoranthene	12.36	202	854285	47.426	nq	98
76) Benzidine	12.49	184	179410	18.838	nq	# 92
77) Pyrene	12.59	202	918947	54.132	nq	100
79) Butylbenzylphthalate	13.21	149	327210	44.430	nq	# 82
80) Benzo(a)anthracene	13.78	228	656146	52.007	nq	99
81) 3,3'-Dichlorobenzidine	13.74	252	160059	32.645	nq	# 95
82) Chrysene	13.82	228	599715	47.025	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	467713	50.603	nq	99
84) Di-n-octyl phthalate	14.38	149	771244	48.635	nq	99
85) Indeno(1,2,3-cd)pyrene	16.52	276	452616	50.586	nq	# 91
87) Benzo(b)fluoranthene	14.80	252	658291	53.366	nq	97
89) Benzo(a)pyrene	15.13	252	539613	49.103	nq	98
91) Benzo(g,h,i)perylene	16.92	276	371301	46.178	nq	# 91

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

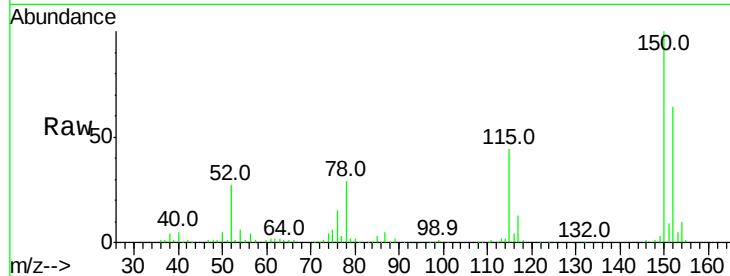


#1

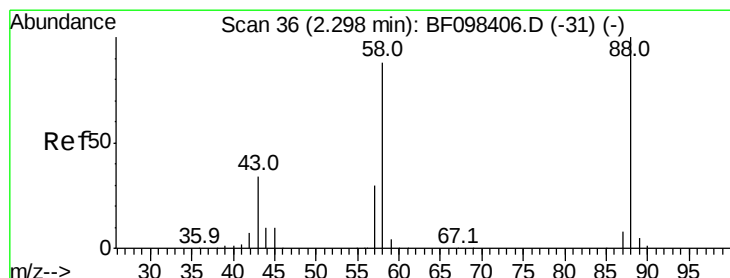
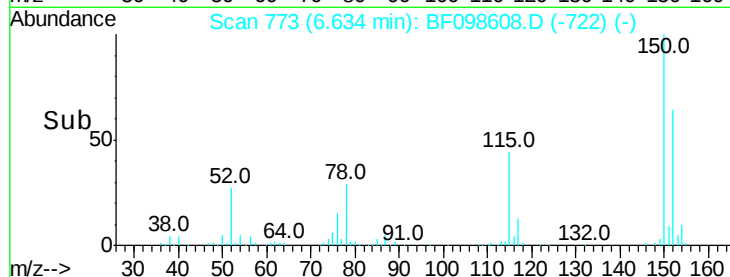
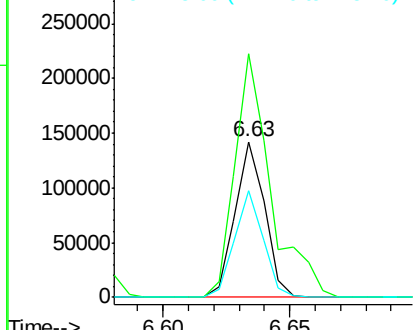
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 115115
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 68.8 52.2 78.2



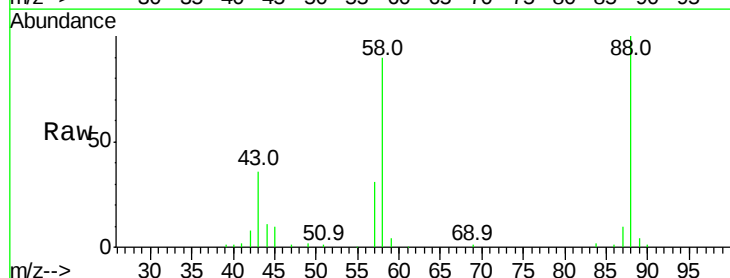
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



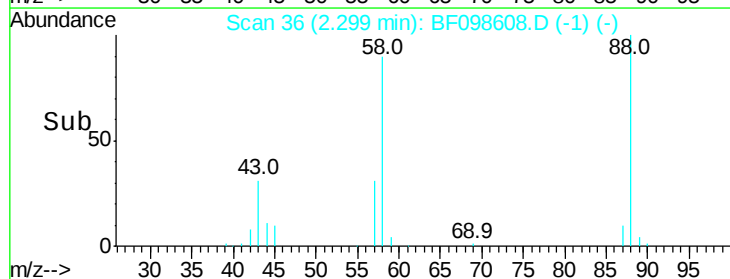
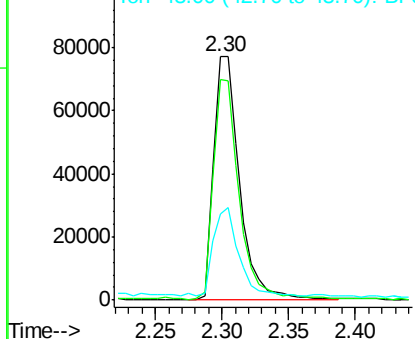
#2

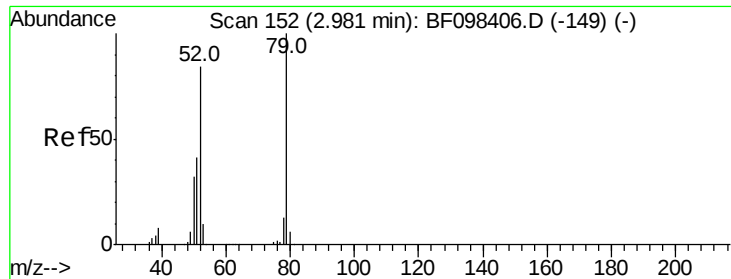
1,4-Dioxane
Concen: 26.535 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.06 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion: 88 Resp: 106631
Ion Ratio Lower Upper
88 100
58 91.7 61.4 92.0
43 35.5 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: 26.873 ng

RT: 2.98 min Scan# 152

Delta R.T. 0.07 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampled :

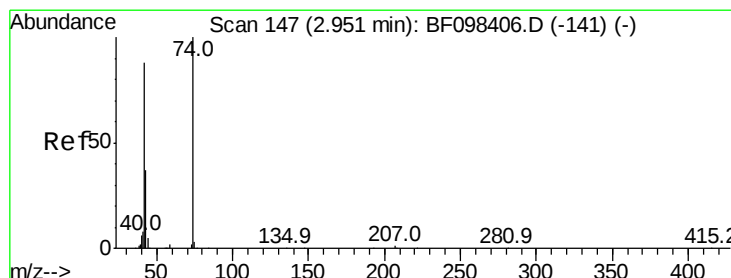
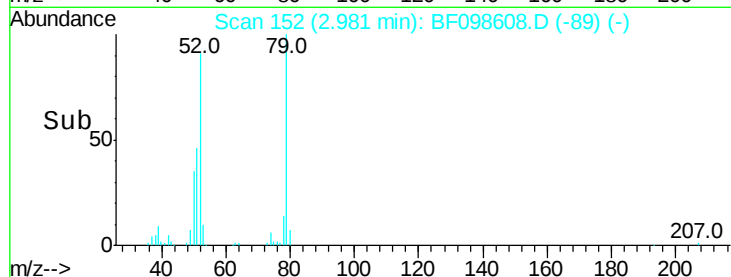
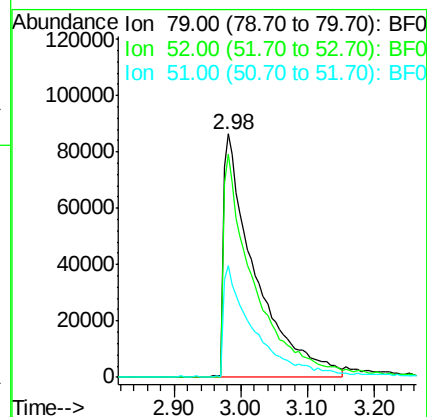
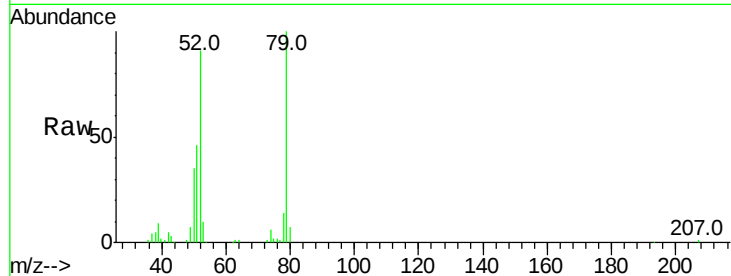
Tot Ion: 79 Resp: 286785

Ion Ratio Lower Upper

79 100

52 91.4 54.8 82.2#

51 45.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 33.618 ng

RT: 2.95 min Scan# 146

Delta R.T. 0.06 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

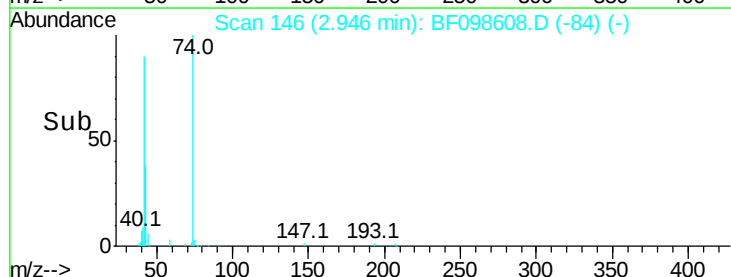
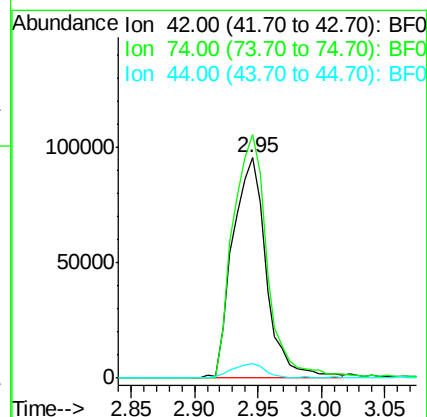
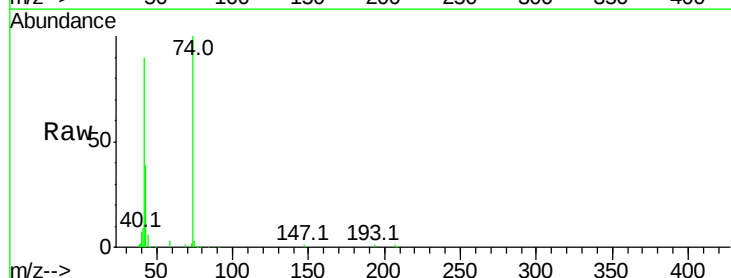
Tgt Ion: 42 Resp: 175890

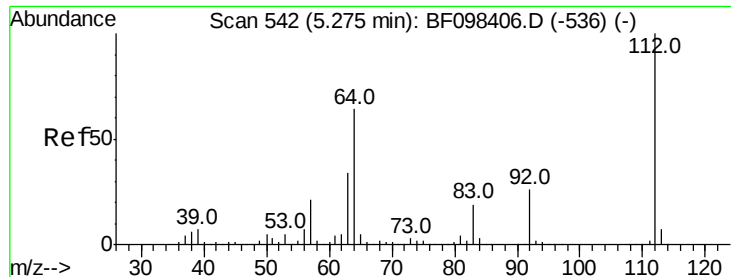
Ion Ratio Lower Upper

42 100

74 110.5 103.9 155.9

44 6.6 5.7 8.5





#5

2-Fluorophenol

Concen: 126.971 ng

RT: 5.26 min Scan# 539

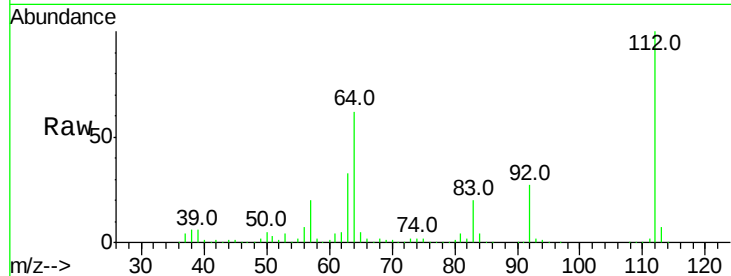
Delta R.T. 0.02 min

Lab File: BF098608.D

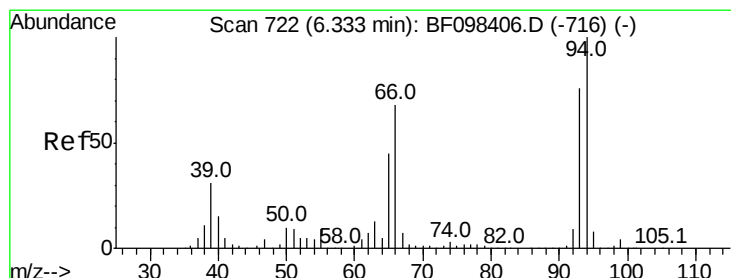
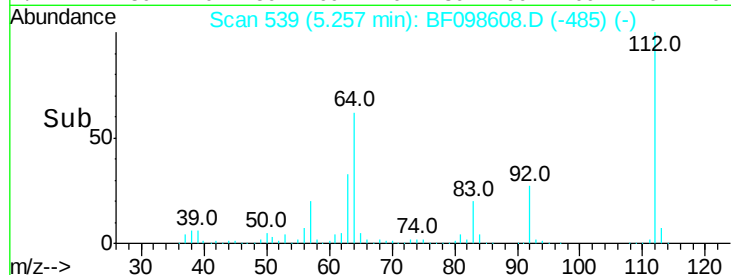
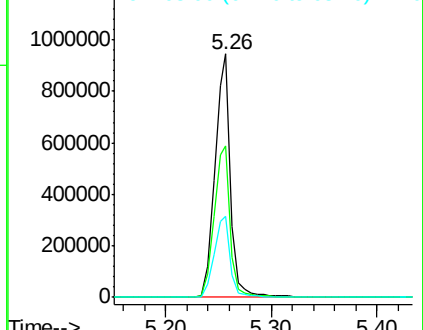
Acq: 18 Sep 2017 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	988572
Ion Ratio	Lower	Upper	
112	100		
64	62.4	46.0	69.0
63	33.4	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 24.747 ng

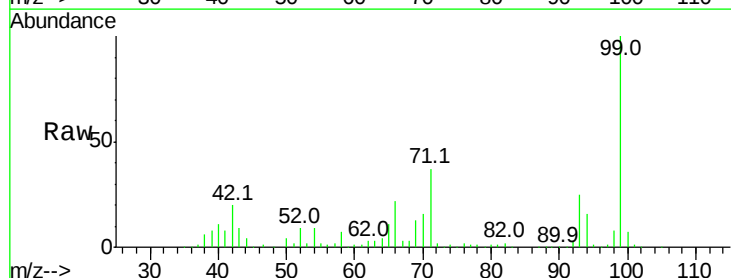
RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

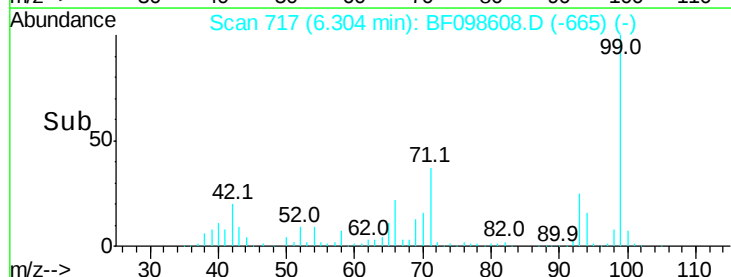
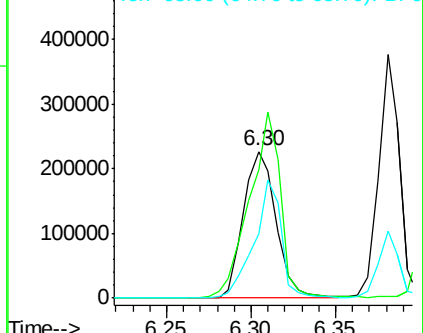
Lab File: BF098608.D

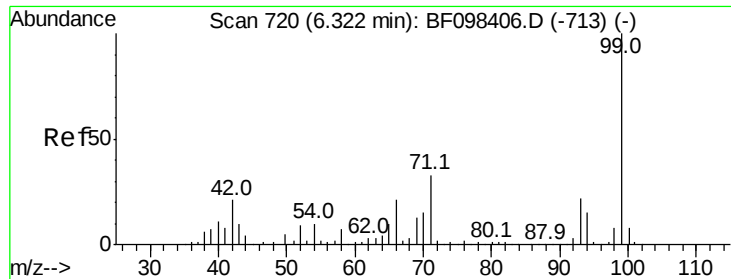
Acq: 18 Sep 2017 18:05

Tgt Ion:	93	Resp:	306908
Ion Ratio	Lower	Upper	
93	100		
66	87.5	32.9	49.3#
65	43.8	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 122.237 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampled :

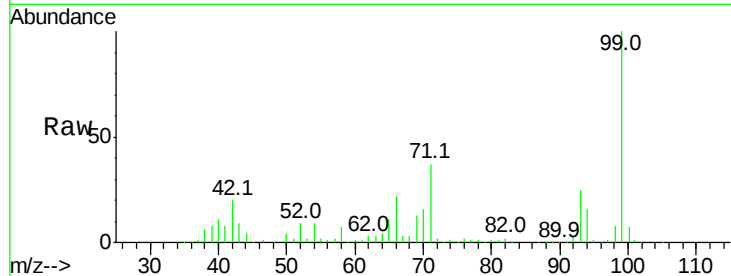
Tot Ion: 99 Resp: 1208354

Ion Ratio Lower Upper

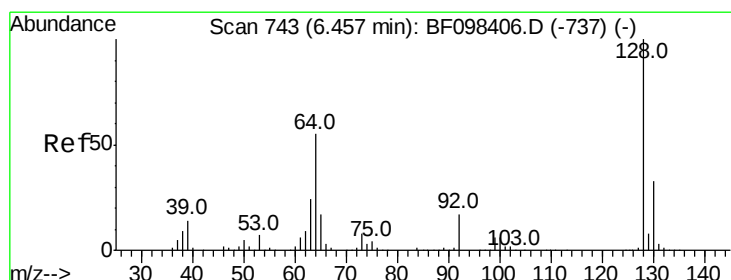
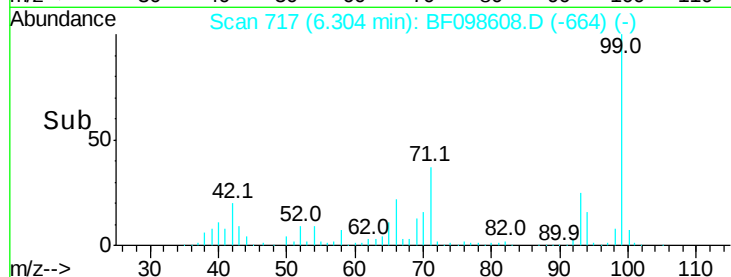
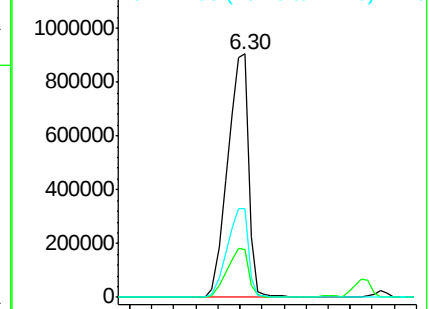
99 100

42 19.8 13.5 20.3

71 36.5 24.5 36.7



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



#8

2-Chlorophenol

Concen: 40.231 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

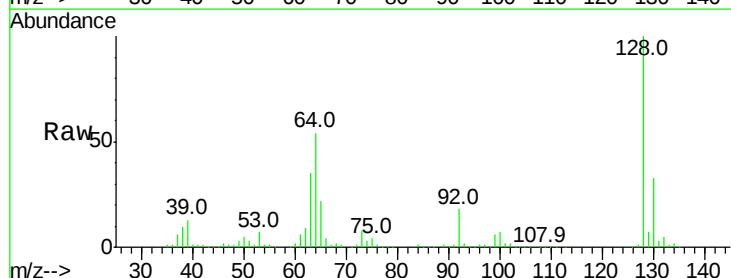
Tgt Ion:128 Resp: 344436

Ion Ratio Lower Upper

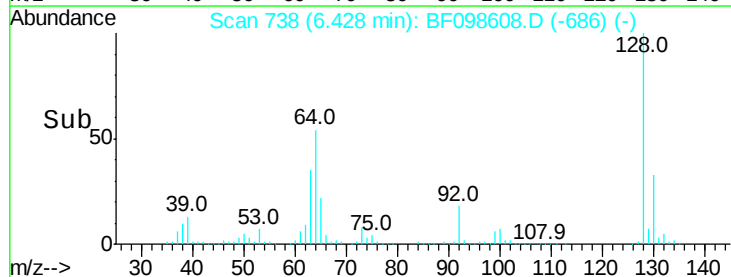
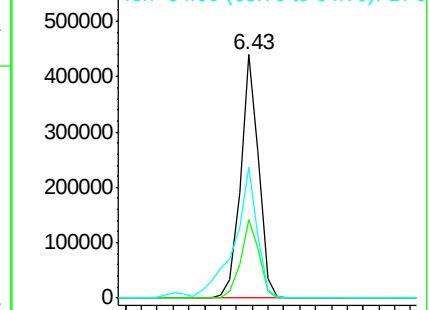
128 100

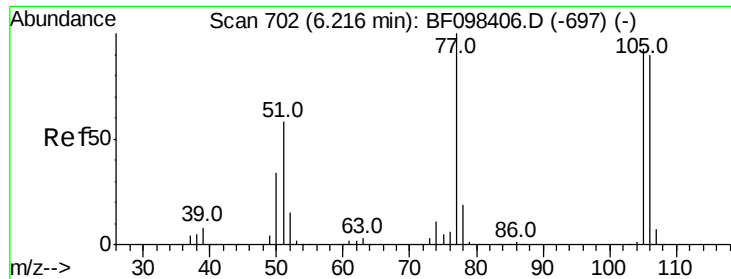
130 32.5 12.9 52.9

64 53.6 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

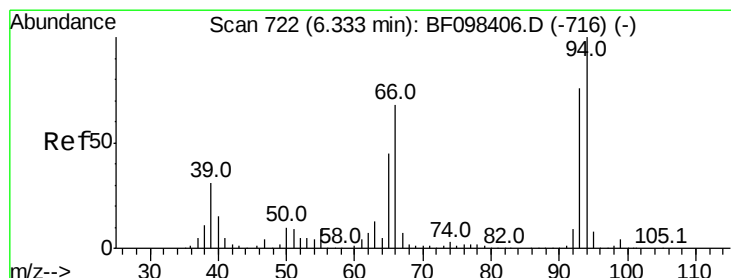
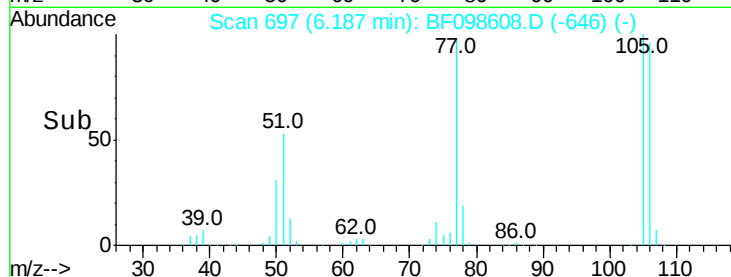
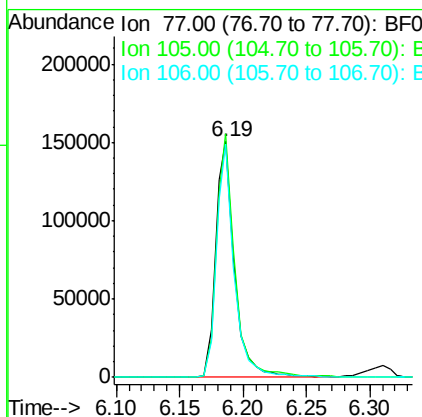
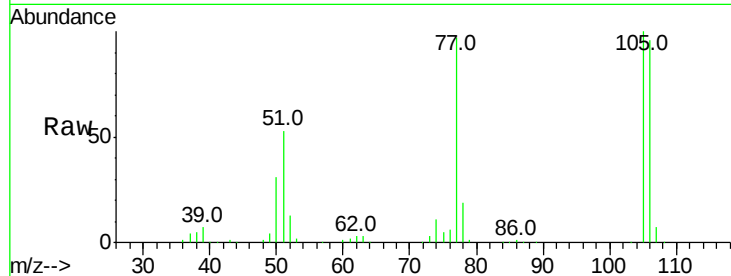




#9
Benzaldehyde
Concen: 24.368 ng
RT: 6.19 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

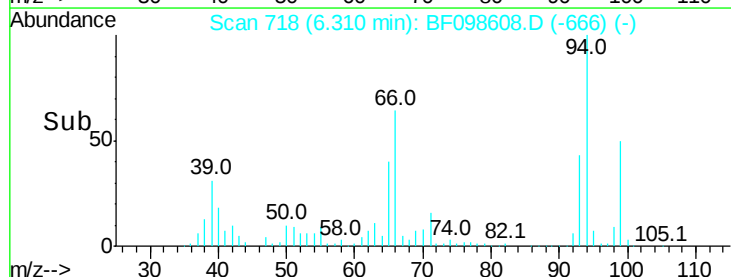
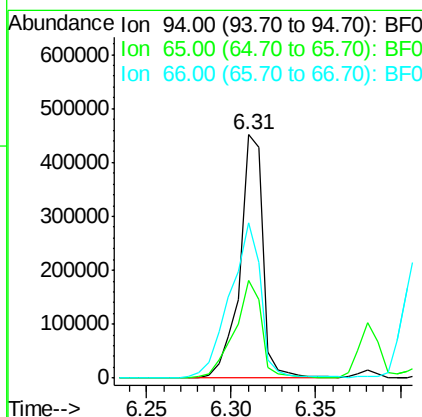
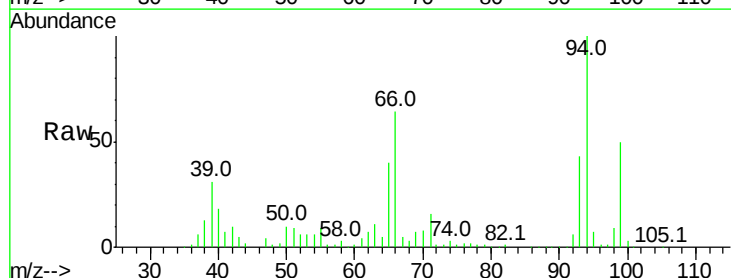
Instrument :
BNA_F
ClientSampleId :

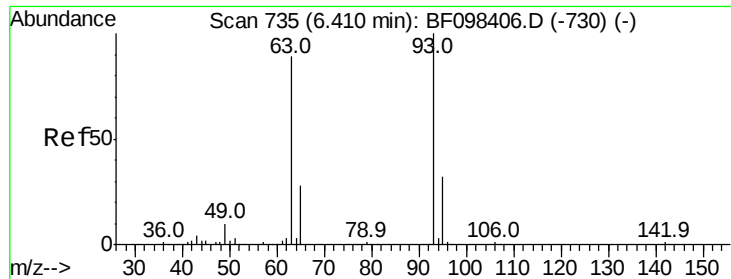
Tot Ion: 77 Resp: 157467
Ion Ratio Lower Upper
77 100
105 103.4 83.8 123.8
106 98.8 79.1 119.1



#10
Phenol
Concen: 37.623 ng
RT: 6.31 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion: 94 Resp: 431985
Ion Ratio Lower Upper
94 100
65 40.3 9.9 49.9
66 63.9 23.1 63.1#





#11

bis(2-Chloroethyl)ether

Concen: 36.882 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampled :

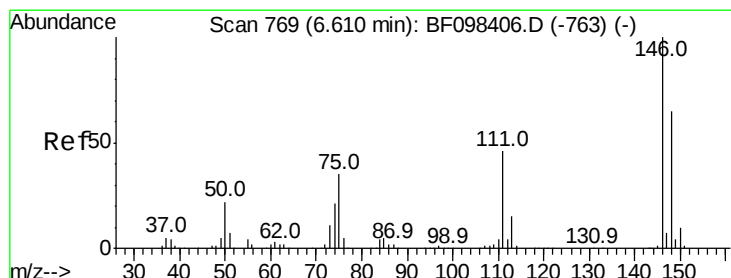
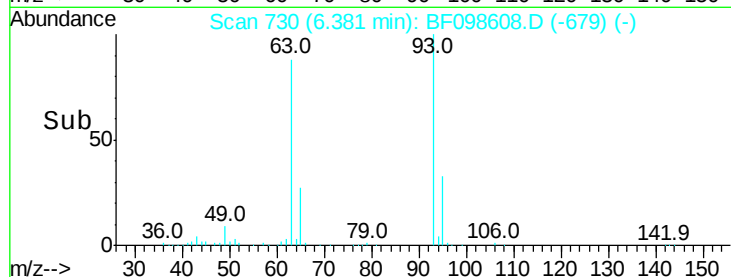
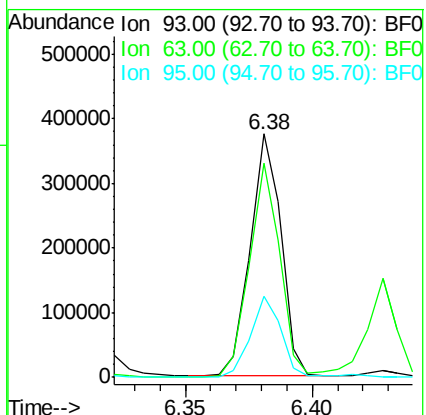
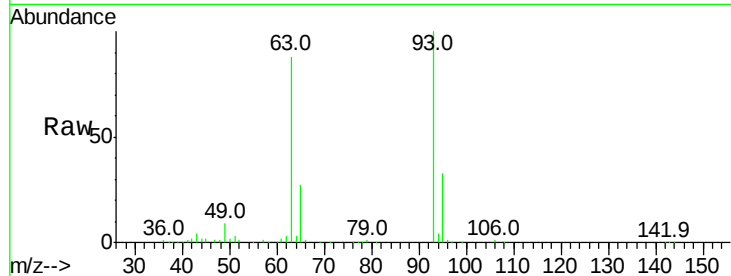
Tot Ion: 93 Resp: 319291

Ion Ratio Lower Upper

93 100

63 87.8 59.2 99.2

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 41.078 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

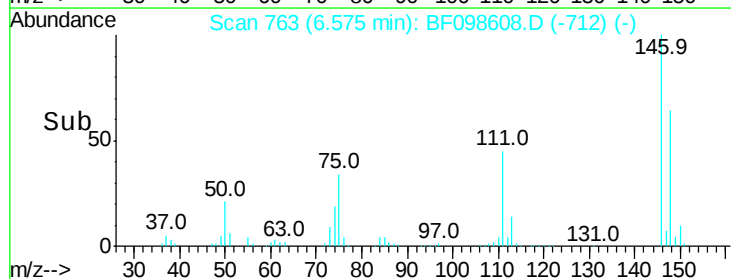
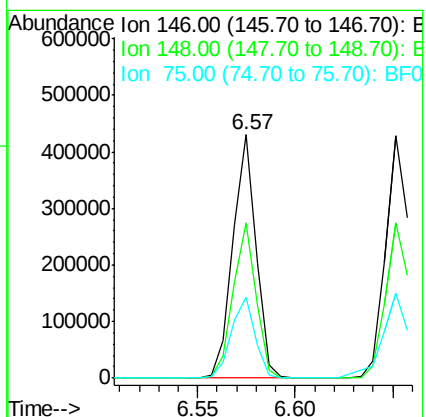
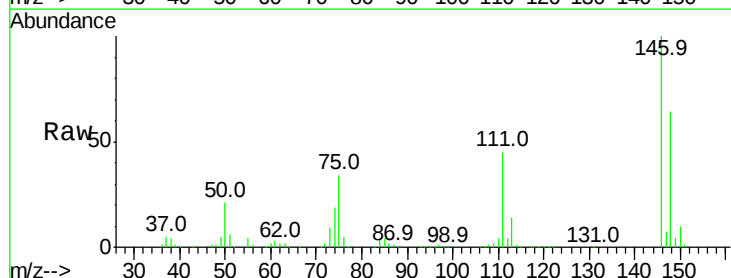
Tgt Ion: 146 Resp: 353976

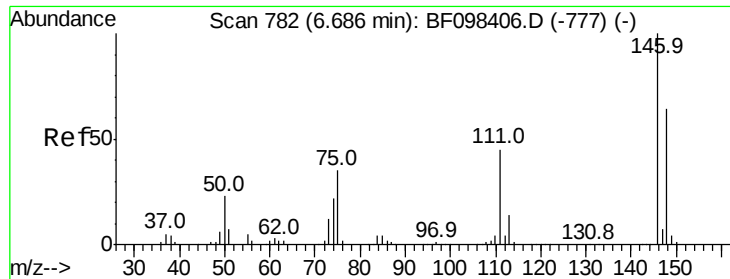
Ion Ratio Lower Upper

146 100

148 64.0 51.8 77.6

75 33.5 23.1 34.7

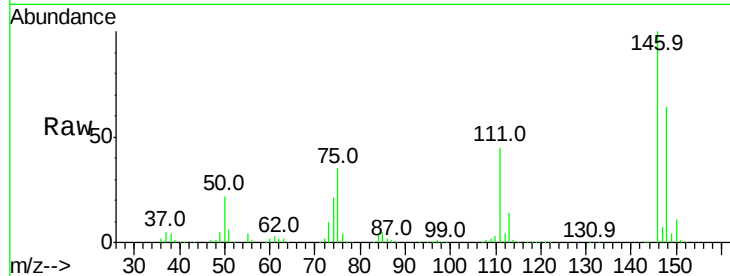




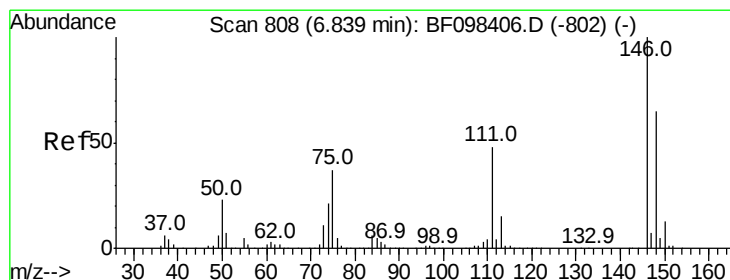
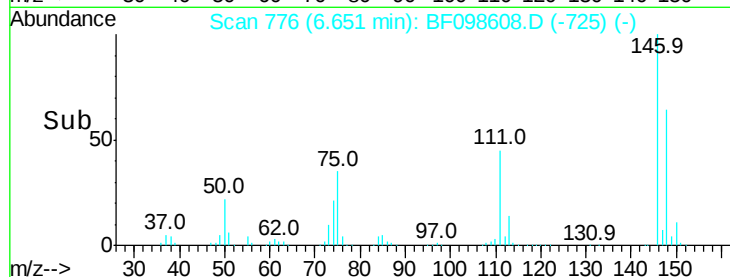
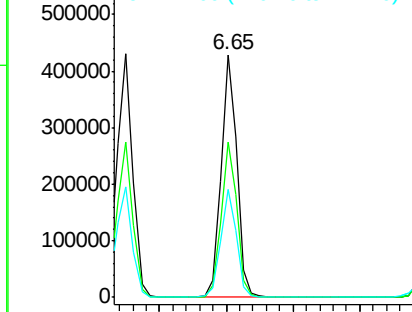
#13
 1,4-Dichlorobenzene
 Concen: 40.506 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	44.5	30.3	45.5

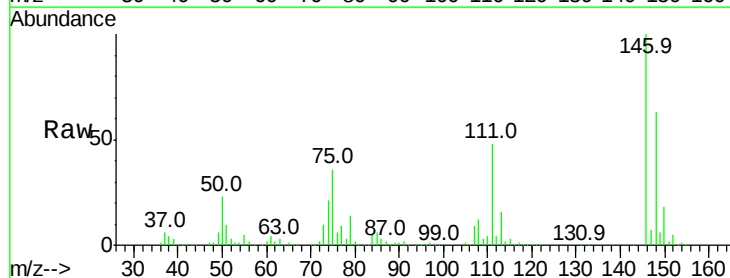


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

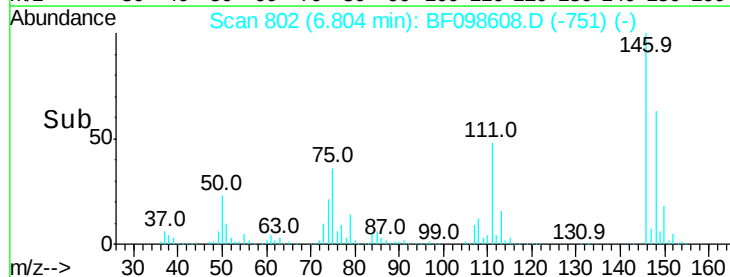
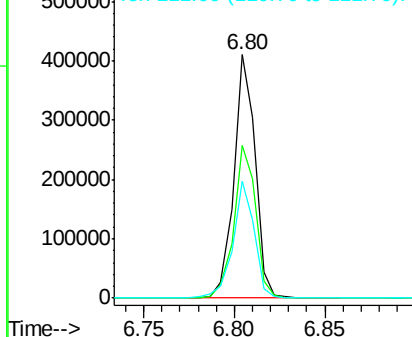


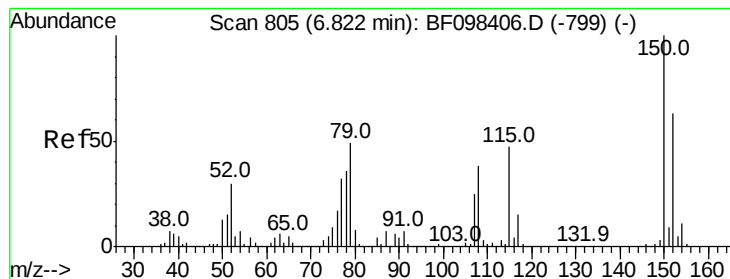
#14
 1,2-Dichlorobenzene
 Concen: 41.693 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.4	75.6
111	47.9	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.339 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

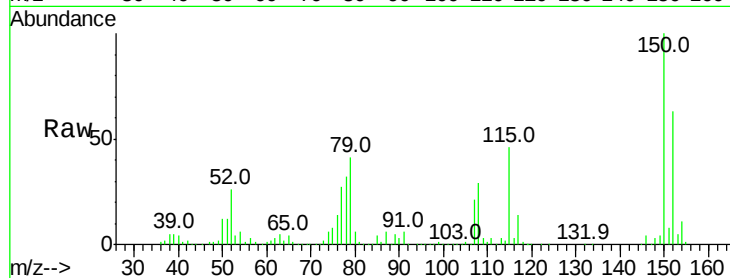
Tot Ion: 79 Resp: 304861

Ion Ratio Lower Upper

79 100

108 71.9 63.4 95.0

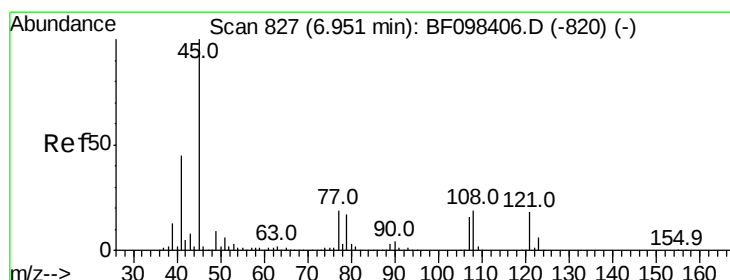
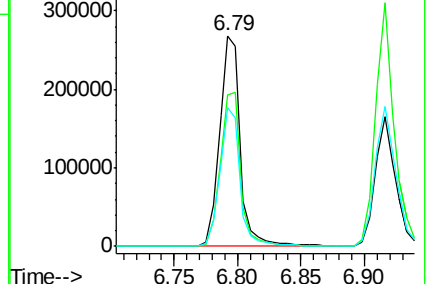
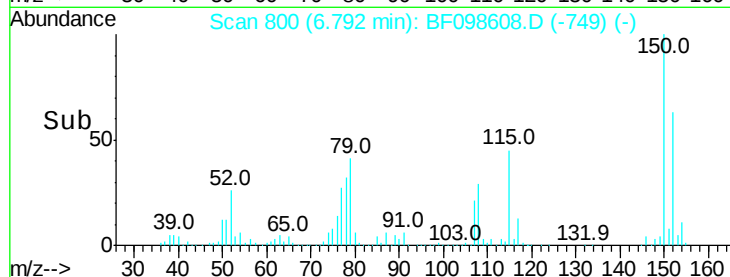
77 66.0 49.2 73.8



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: 36.212 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

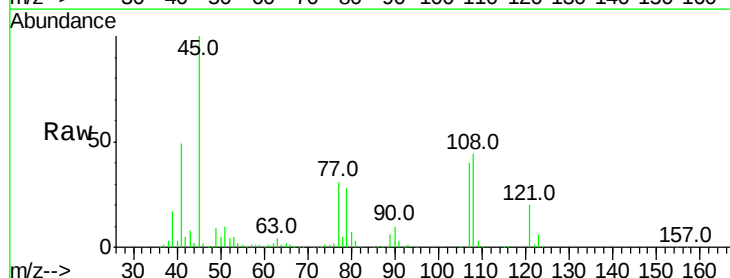
Tgt Ion: 45 Resp: 515802

Ion Ratio Lower Upper

45 100

77 31.1 0.0 33.2

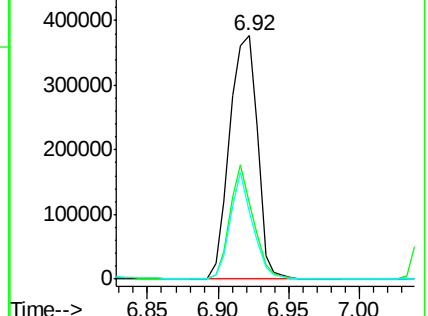
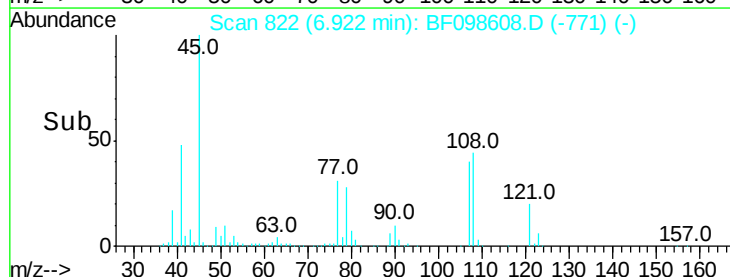
79 27.7 0.0 30.0

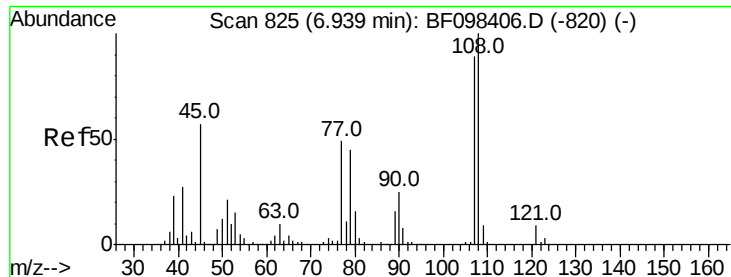


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

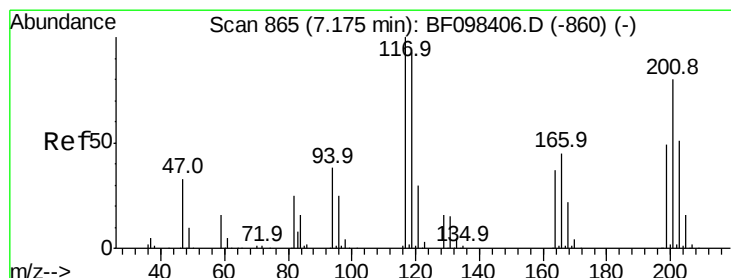
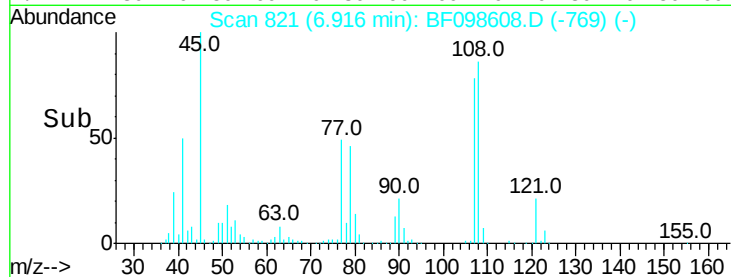
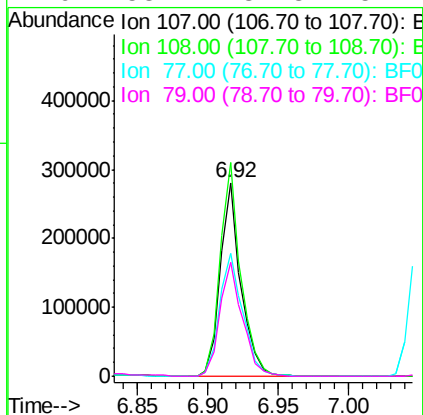
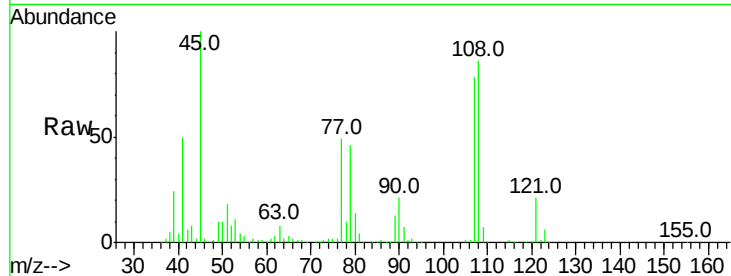




#17
2-Methylphenol
Concen: 40.529 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

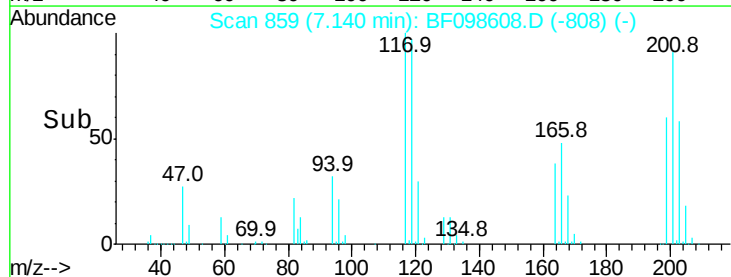
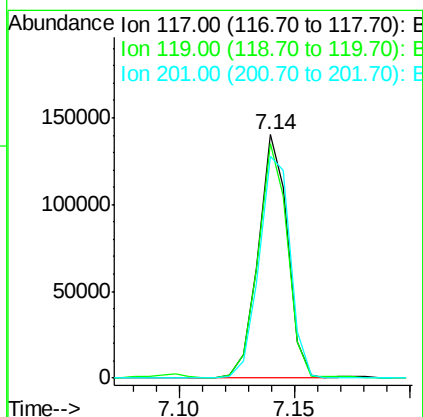
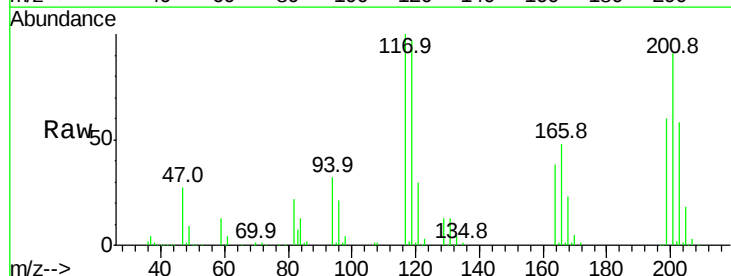
Instrument :
BNA_F
ClientSampleId :

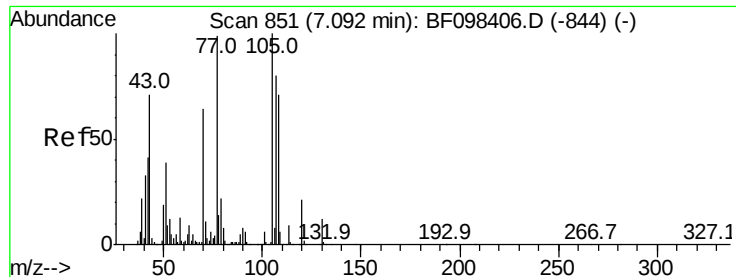
Tot Ion:107 Resp: 282940
Ion Ratio Lower Upper
107 100
108 110.5 93.4 140.0
77 63.3 35.8 53.6#
79 58.7 34.8 52.2#



#18
Hexachloroethane
Concen: 36.799 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion:117 Resp: 124393
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0
201 90.9 94.6 141.8#

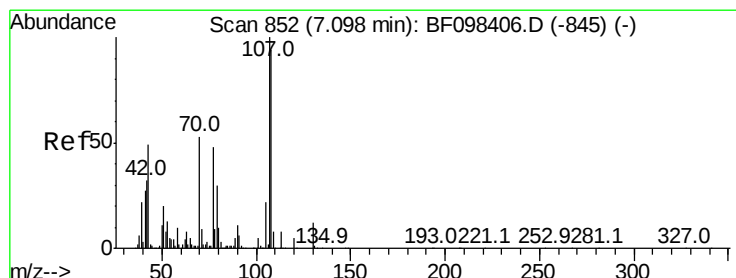
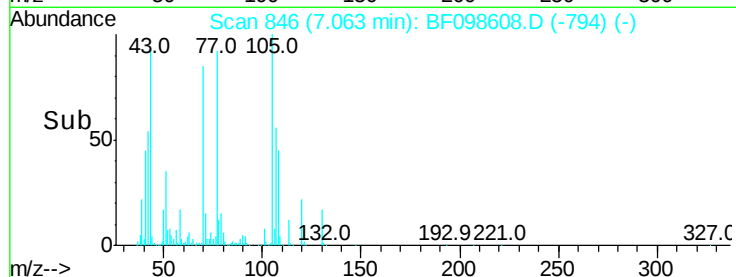
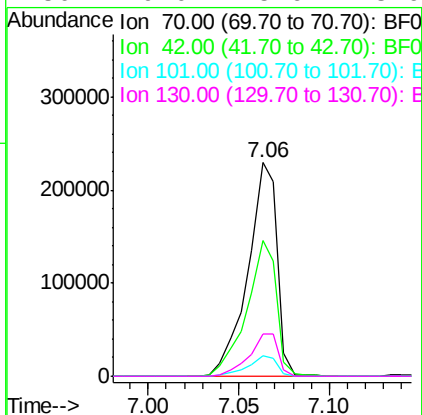
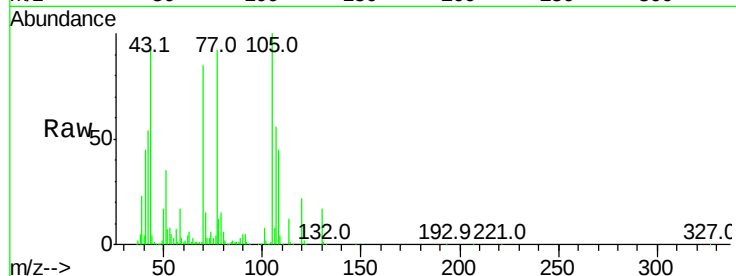




#19
n-Nitroso-di-n-propylamine
Concen: 41.209 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

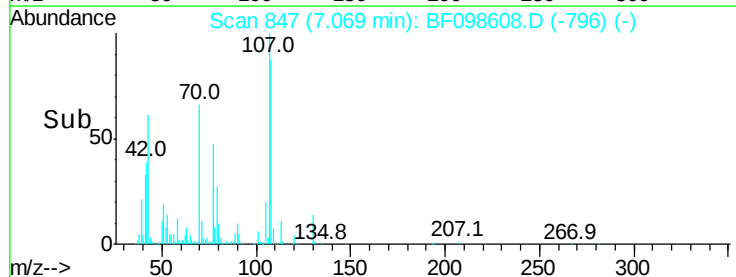
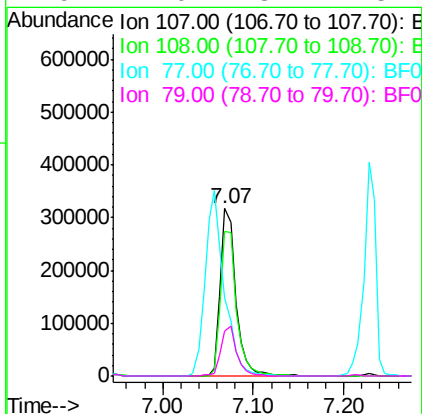
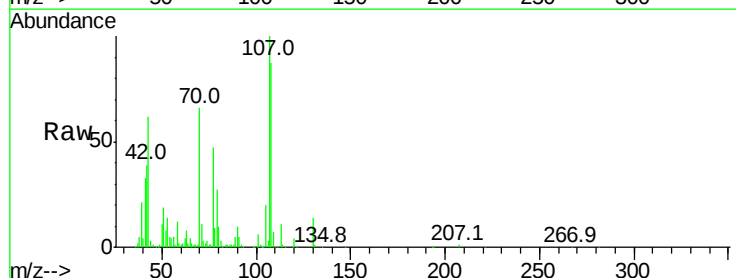
Instrument :
BNA_F
ClientSampleId :

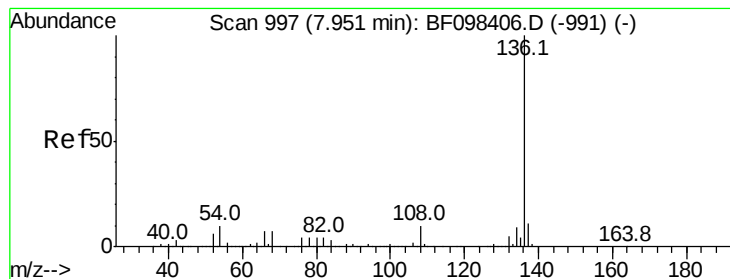
Tot Ion:	70	Resp:	256240
Ion	Ratio	Lower	Upper
70	100		
42	63.5	47.2	70.8
101	9.6	7.2	10.8
130	20.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.015 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion:	107	Resp:	370152
Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.0	111.0
77	46.7	90.5	130.5#
79	27.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 468397

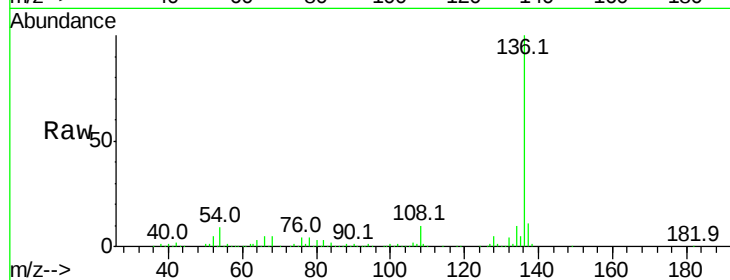
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 8.7 4.9 7.3#

68 4.8 4.1 6.1

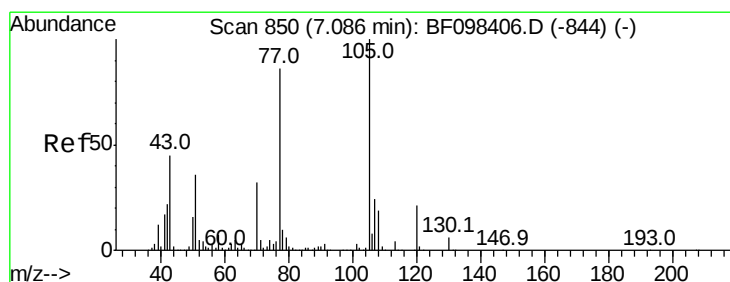
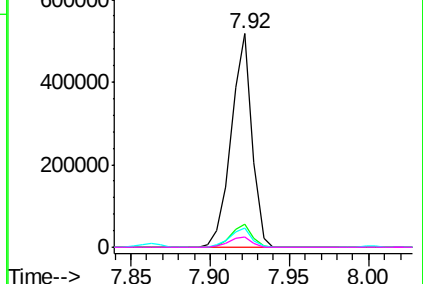
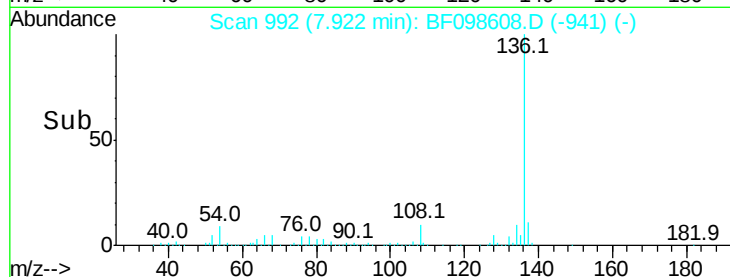


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.032 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Tgt Ion:105 Resp: 508835

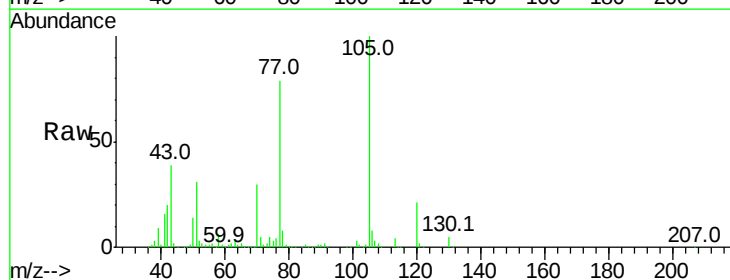
Ion Ratio Lower Upper

105 100

71 4.7 2.8 4.2#

51 30.6 30.7 46.1#

120 21.1 17.4 26.0

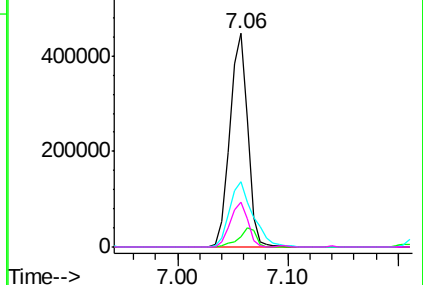
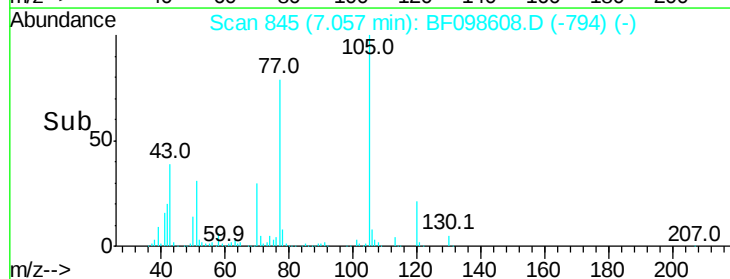


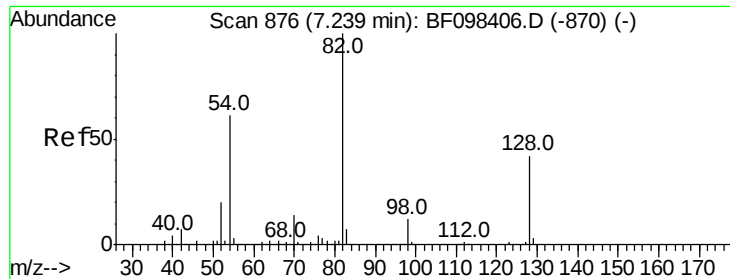
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

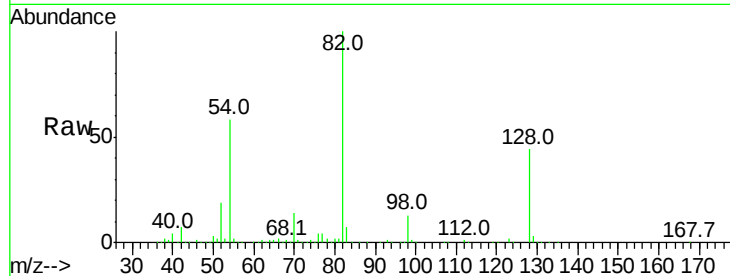




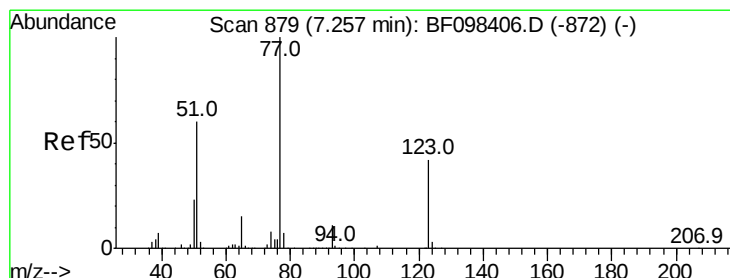
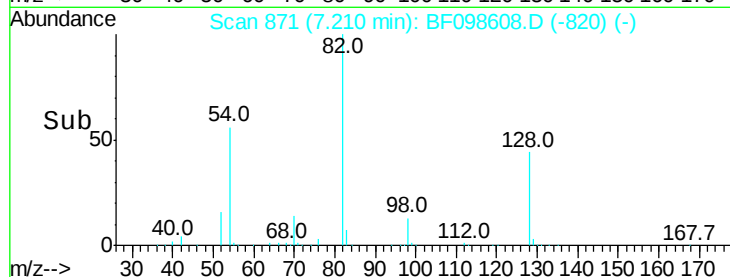
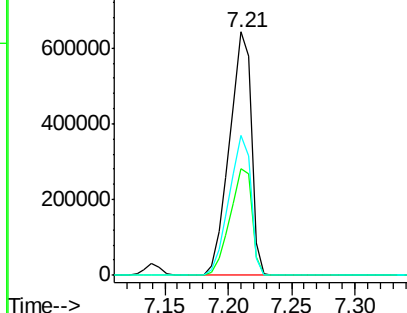
#23
Nitrobenzene-d5
Concen: 90.964 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 764265
Ion Ratio Lower Upper
82 100
128 43.8 34.0 51.0
54 57.7 42.2 63.2

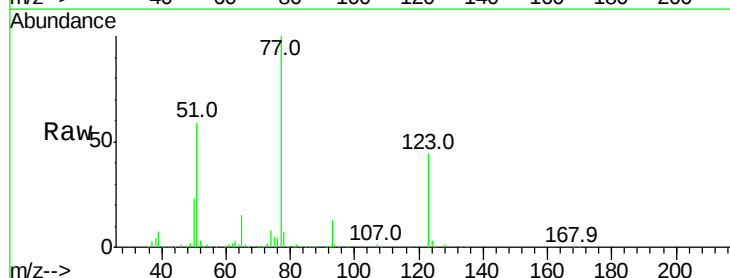


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

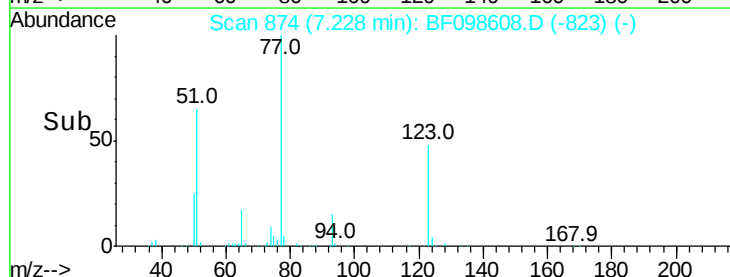
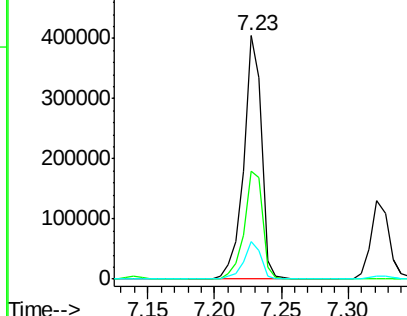


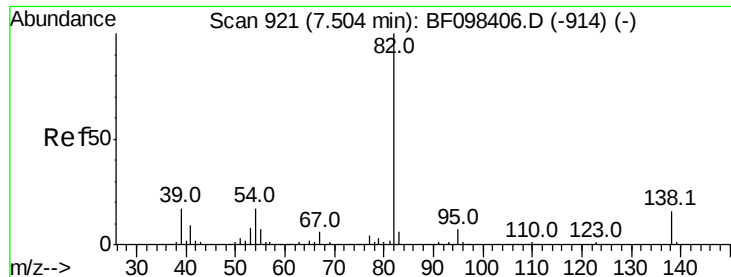
#24
Nitrobenzene
Concen: 38.696 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion: 77 Resp: 370332
Ion Ratio Lower Upper
77 100
123 44.1 35.8 53.8
65 15.2 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.041 ng

RT: 7.47 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :
BNA_F
ClientSampleId :

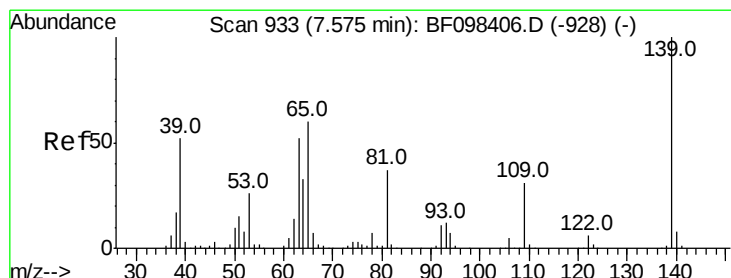
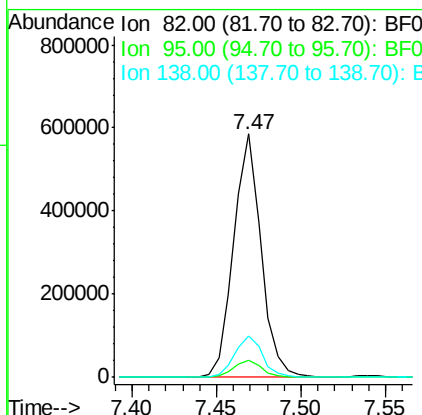
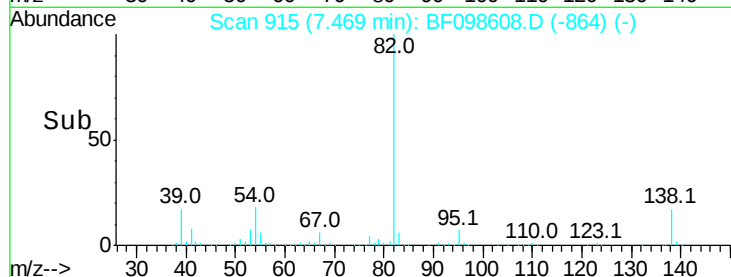
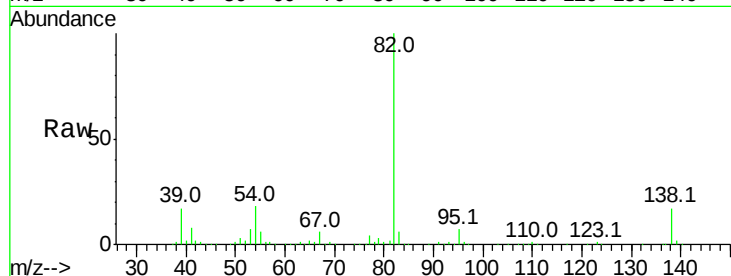
Tot Ion: 82 Resp: 663667

Ion Ratio Lower Upper

82 100

95 7.2 5.3 7.9

138 16.9 13.1 19.7



#26

2-Nitrophenol

Concen: 46.781 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

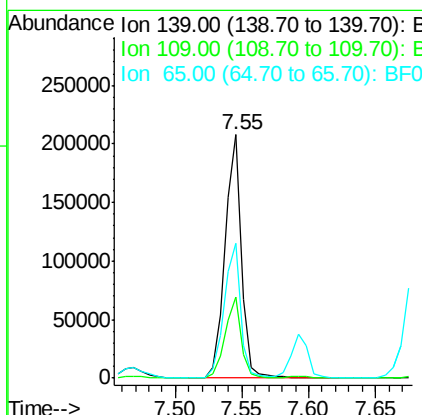
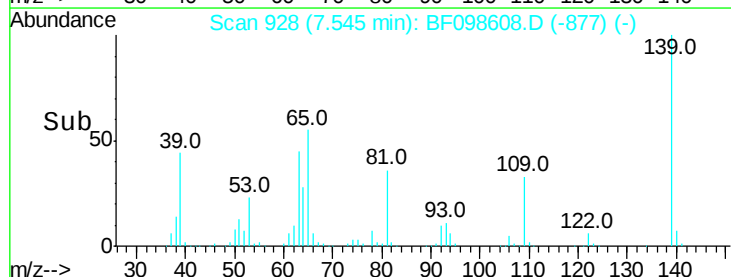
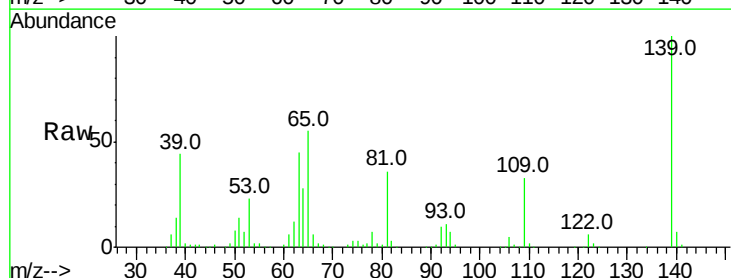
Tgt Ion: 139 Resp: 180764

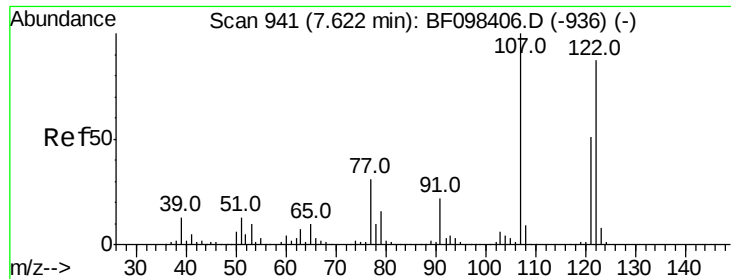
Ion Ratio Lower Upper

139 100

109 33.2 21.0 31.6#

65 55.3 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 40.004 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

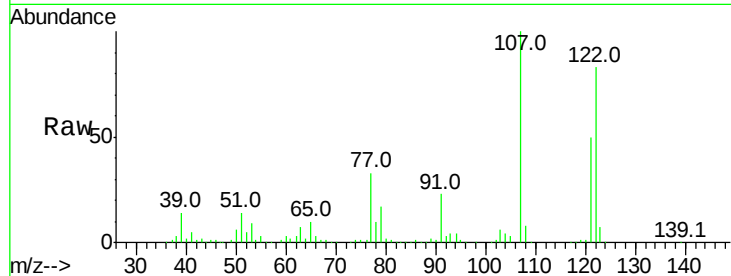
Tot Ion:122 Resp: 294672

Ion Ratio Lower Upper

122 100

107 120.7 89.2 133.8

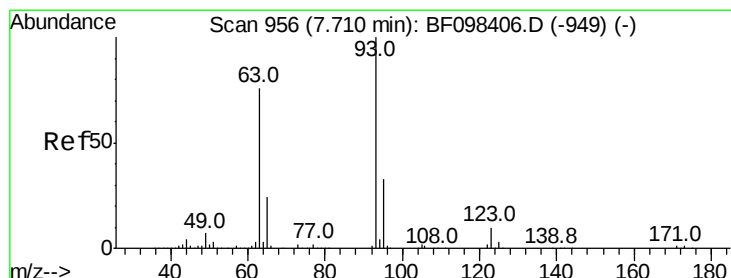
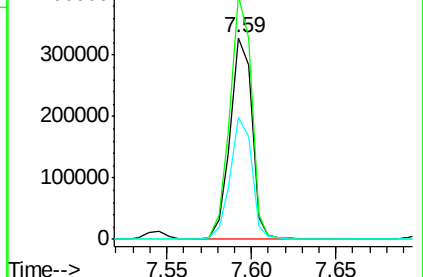
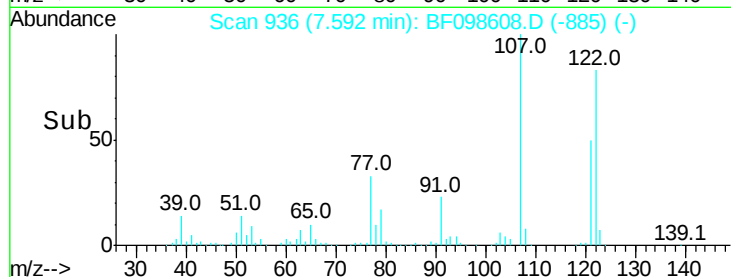
121 60.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.186 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

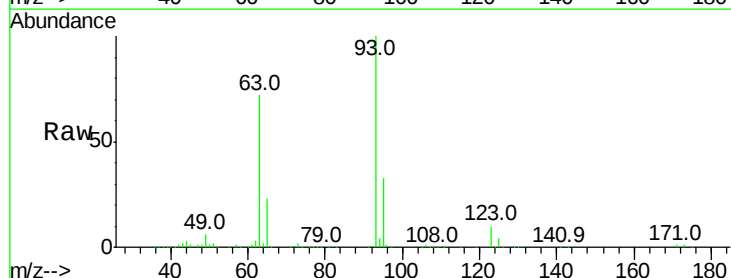
Tgt Ion: 93 Resp: 416829

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

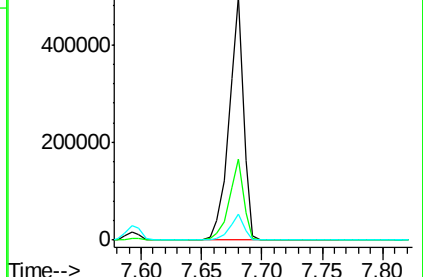
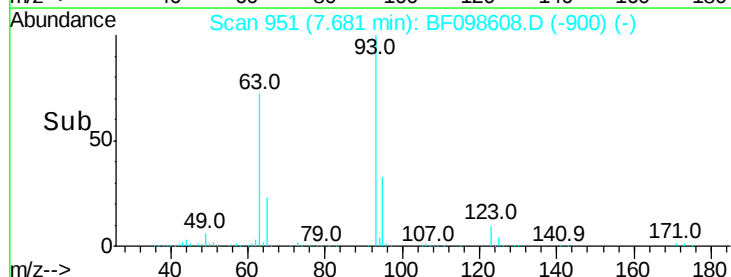
123 10.5 9.0 13.4

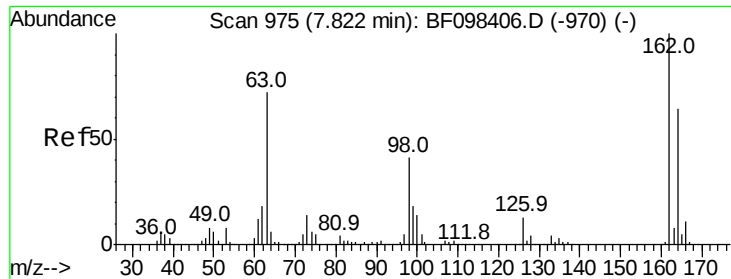


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

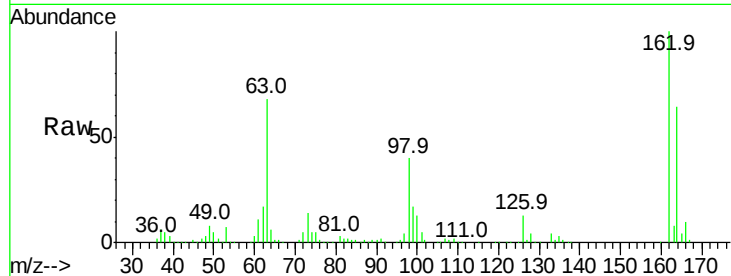




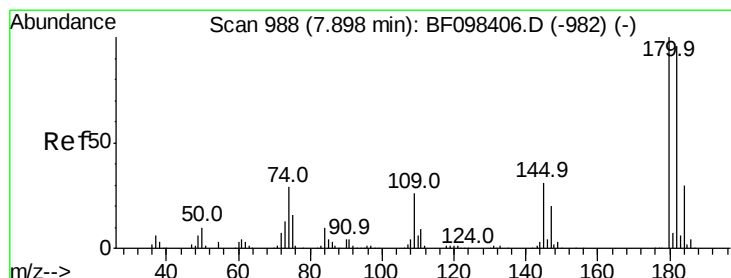
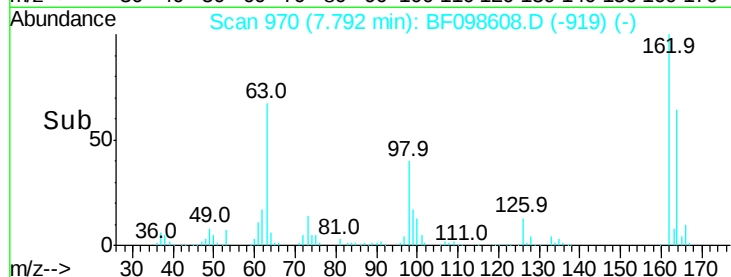
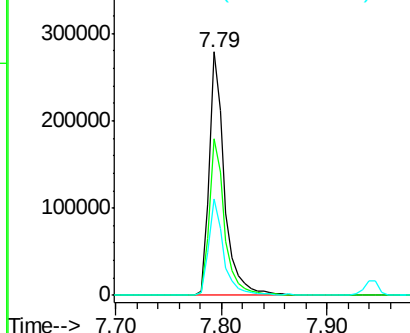
#29
 2,4-Dichlorophenol
 Concen: 46.265 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 283432
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.6 84.6
 98 39.6 14.8 54.8

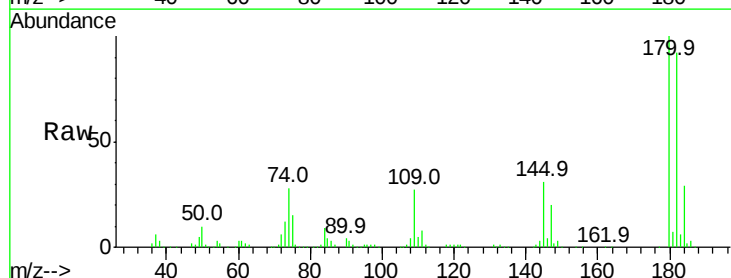


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

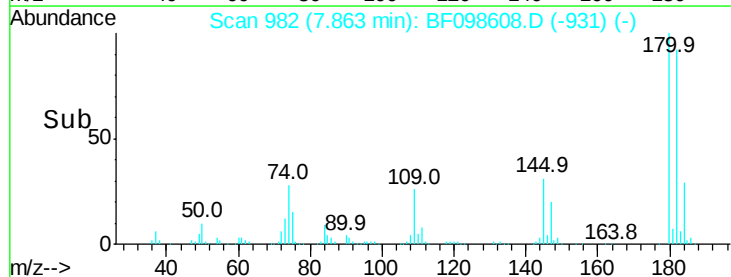
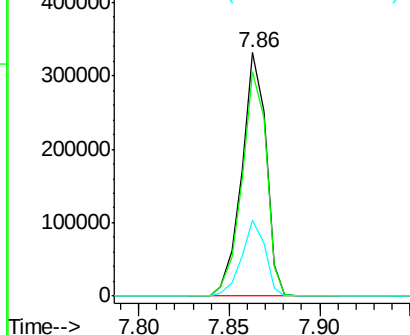


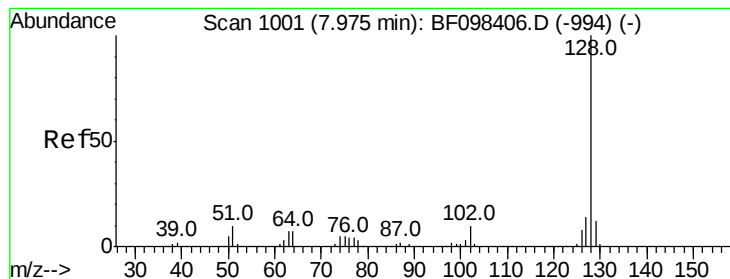
#30
 1,2,4-Trichlorobenzene
 Concen: 46.309 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Tgt Ion:180 Resp: 308609
 Ion Ratio Lower Upper
 180 100
 182 92.4 75.8 113.6
 145 31.2 25.3 37.9



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





#31

Naphthalene

Concen: 42.262 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampled :

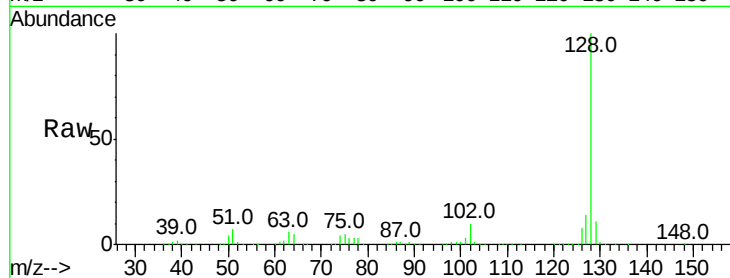
Tot Ion:128 Resp: 978587

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

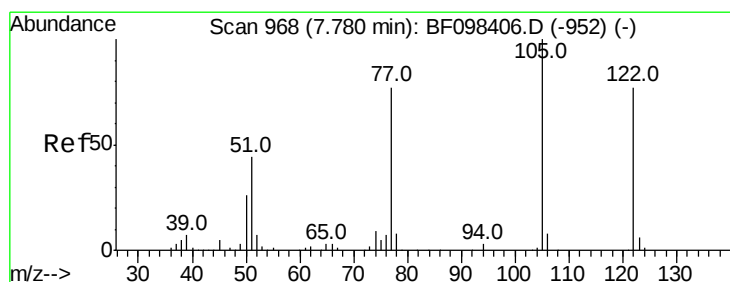
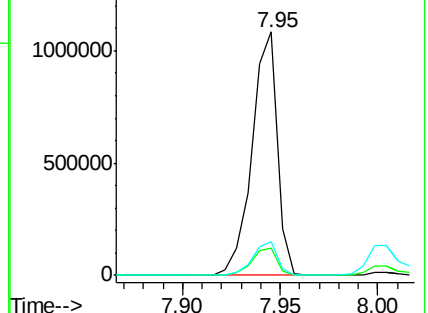
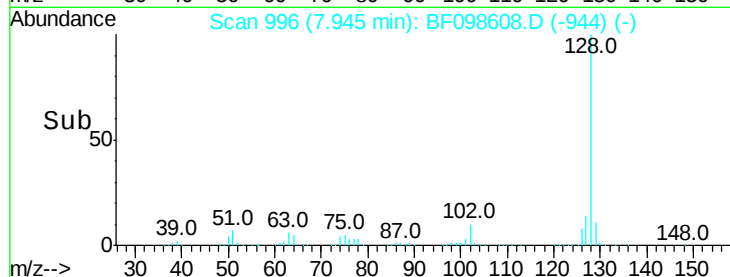
127 13.8 10.8 16.2



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: 10.291 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.05 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

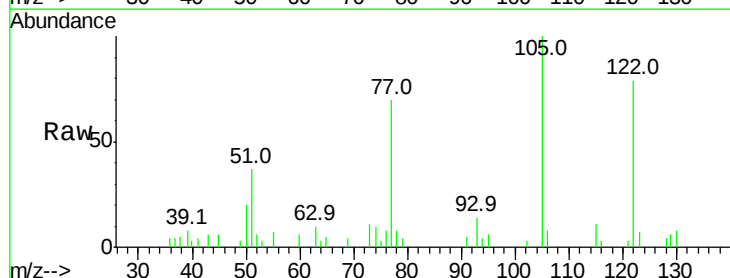
Tgt Ion:122 Resp: 13753

Ion Ratio Lower Upper

122 100

105 127.1 103.3 143.3

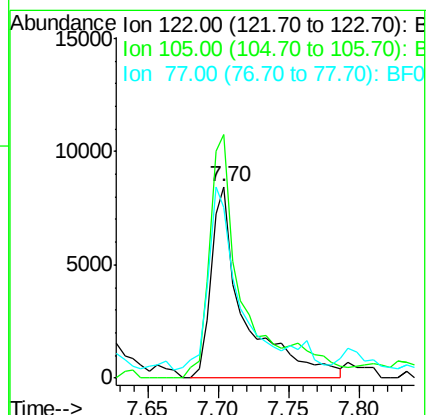
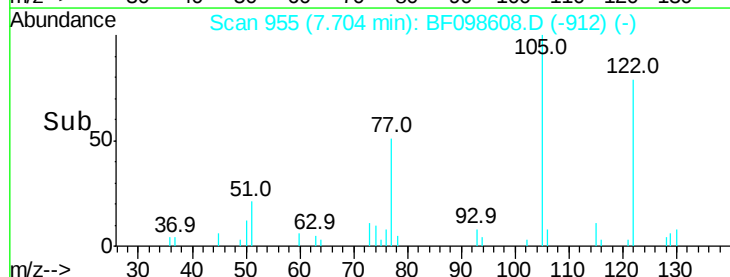
77 89.1 73.7 113.7

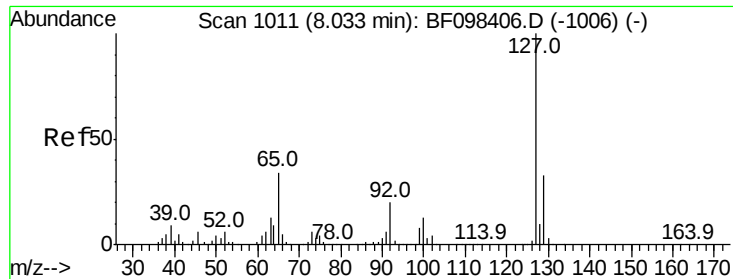


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

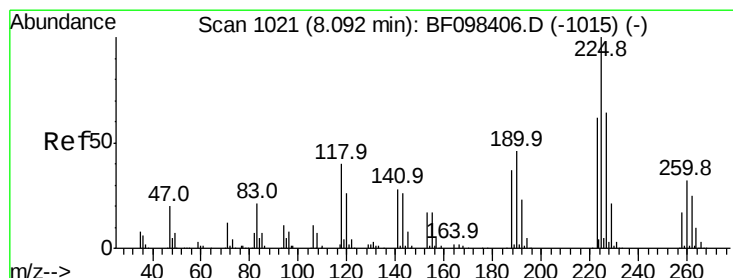
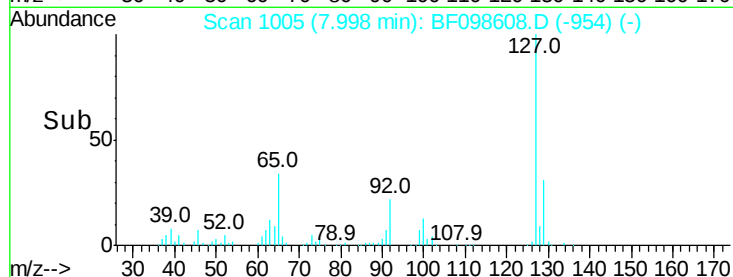
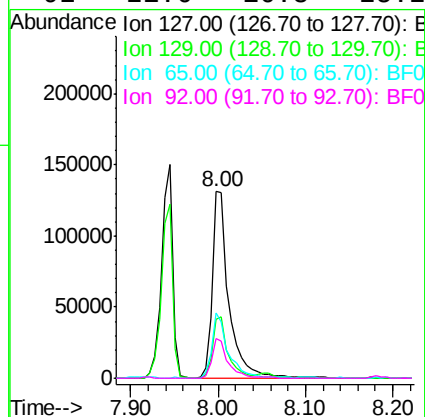
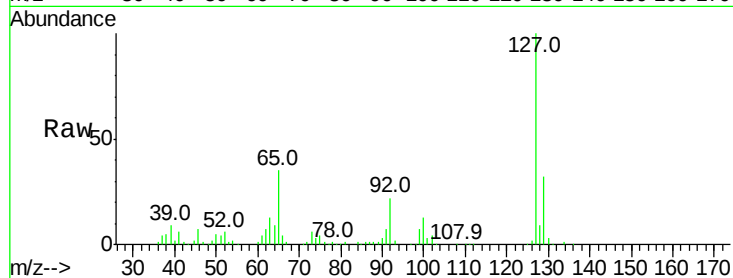




#33
4-Chloroaniline
Concen: 18.512 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

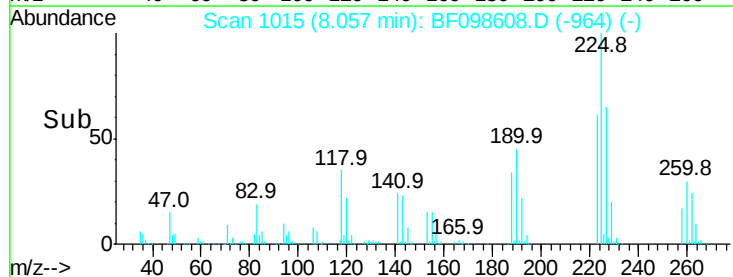
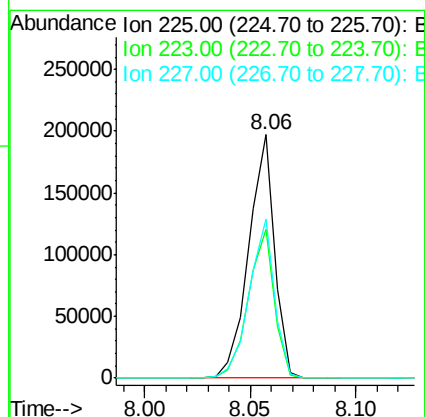
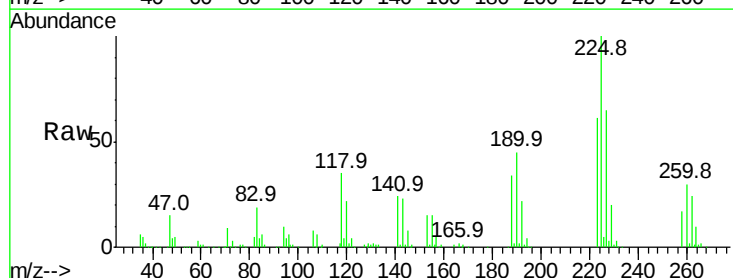
Instrument :
BNA_F
ClientSampleId :

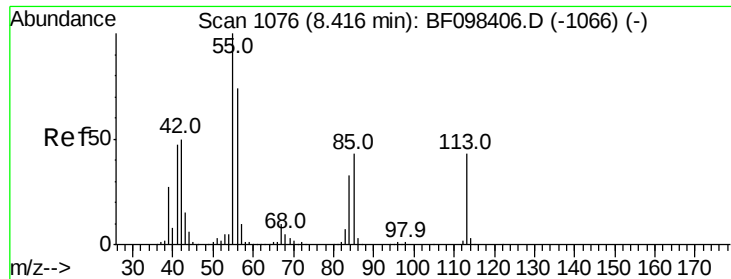
Tot Ion:	127	Resp:	174211
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	34.9	27.8	41.8
92	21.6	16.8	25.2



#34
Hexachlorobutadiene
Concen: 48.963 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion:	225	Resp:	167507
Ion	Ratio	Lower	Upper
225	100		
223	61.1	48.8	73.2
227	65.3	51.1	76.7





#35

Caprolactam

Concen: 22.991 ng

RT: 8.39 min Scan# 1071

Delta R.T. 0.01 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

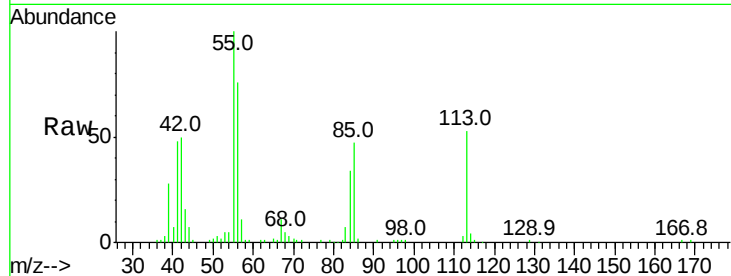
Tot Ion:113 Resp: 48570

Ion Ratio Lower Upper

113 100

55 188.7 150.2 190.2

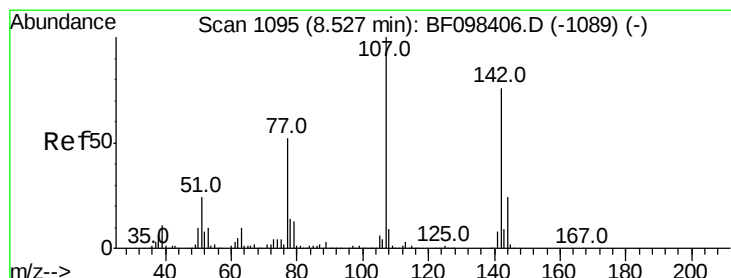
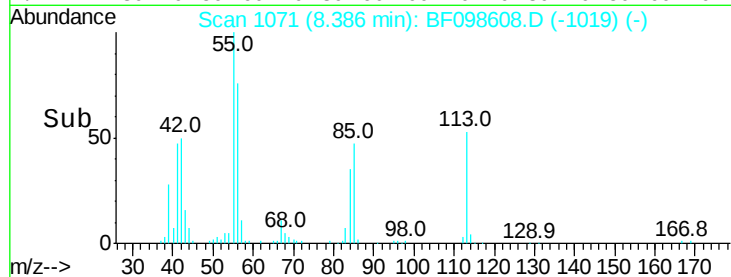
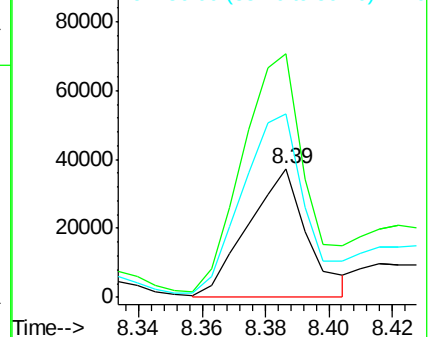
56 142.6 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.861 ng

RT: 8.50 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

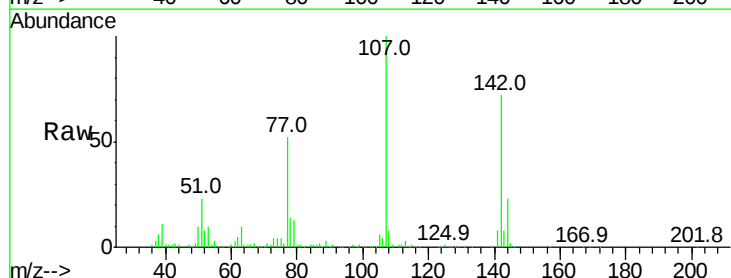
Tgt Ion:107 Resp: 310439

Ion Ratio Lower Upper

107 100

144 23.1 24.2 36.4#

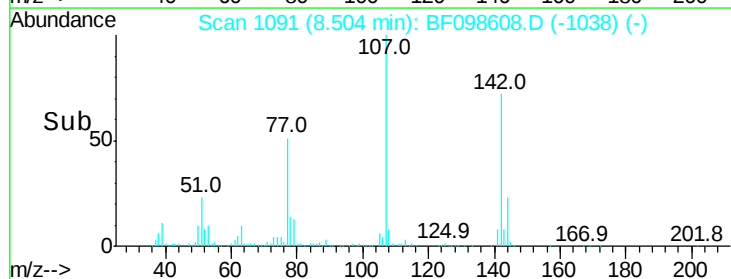
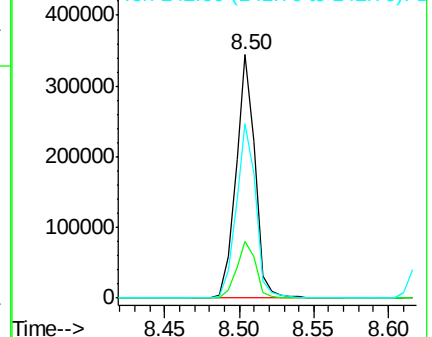
142 71.9 73.4 110.0#

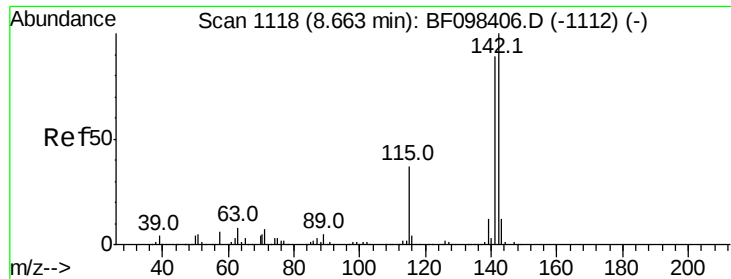


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

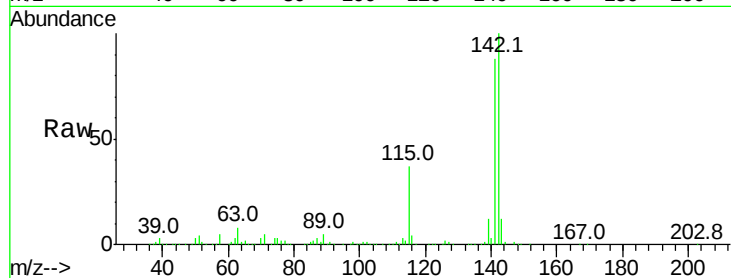




#37
2-Methylnaphthalene
Concen: 45.359 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9
115	36.5	27.1	40.7

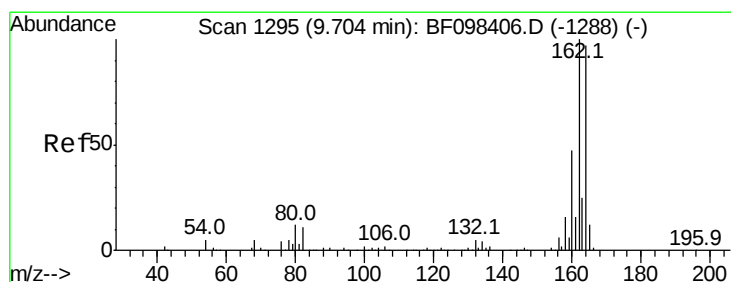
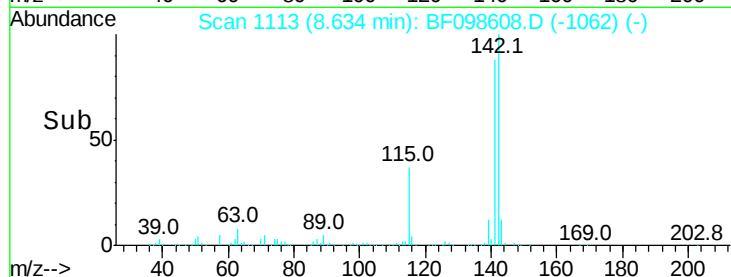
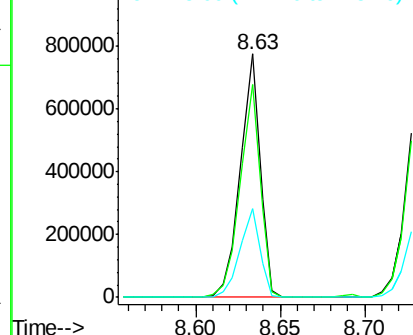


Abundance

Ion 142.00 (141.70 to 142.70): E

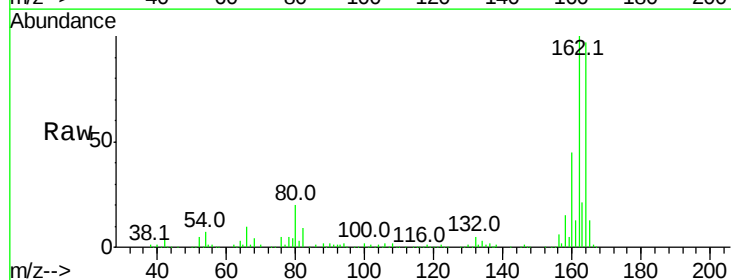
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	46.1	36.2	54.2

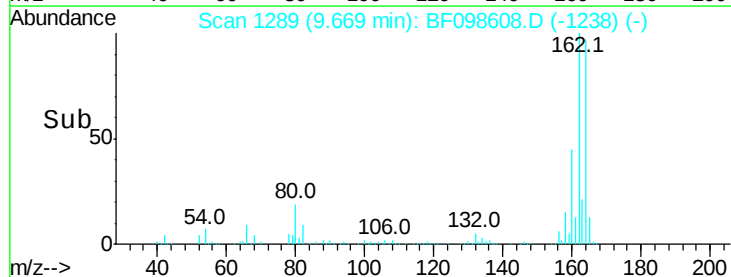
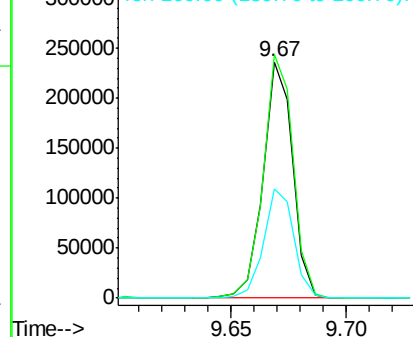


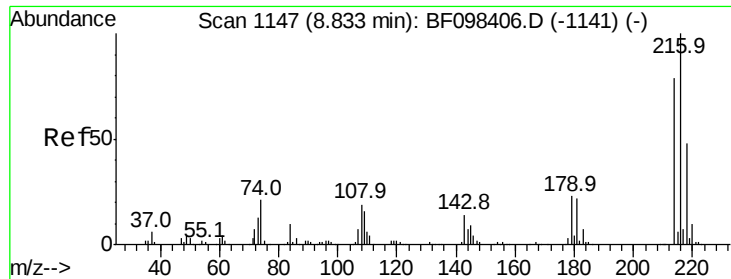
Abundance

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

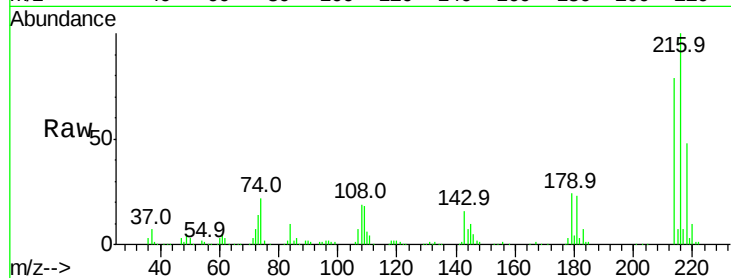




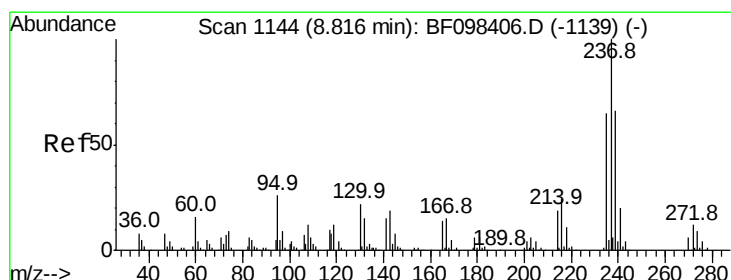
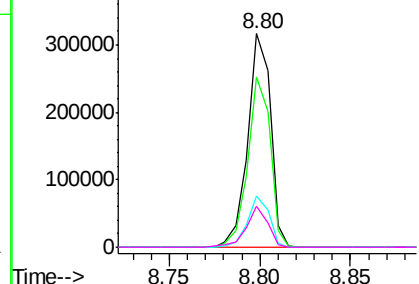
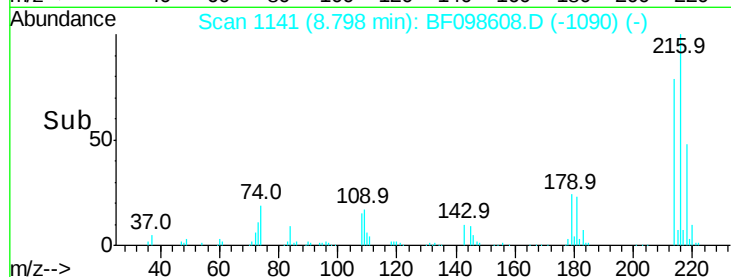
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.205 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	277365
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.4	95.2
179	22.7	17.9	26.9
108	18.2	16.5	24.7

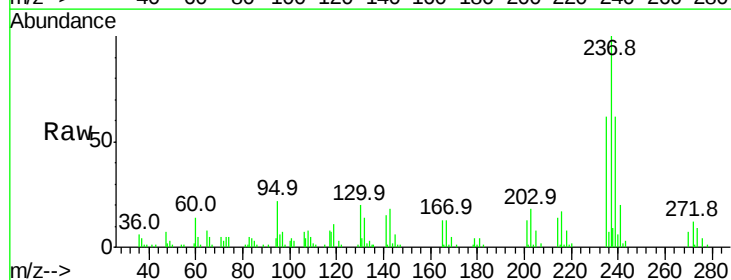


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

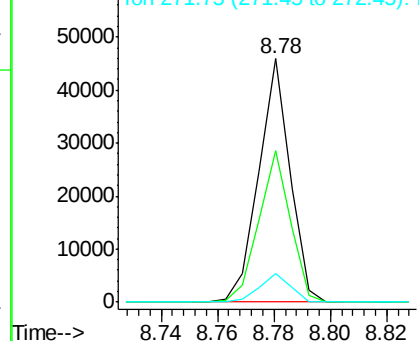
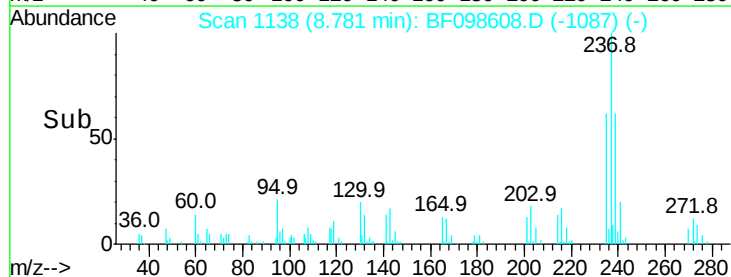


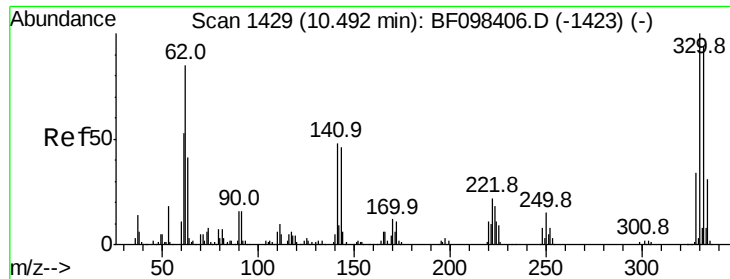
#40
 Hexachlorocyclopentadiene
 Concen: 25.957 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Tgt Ion:	237	Resp:	35384
Ion Ratio	Lower	Upper	
237	100		
235	62.1	42.6	82.6
272	11.7	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

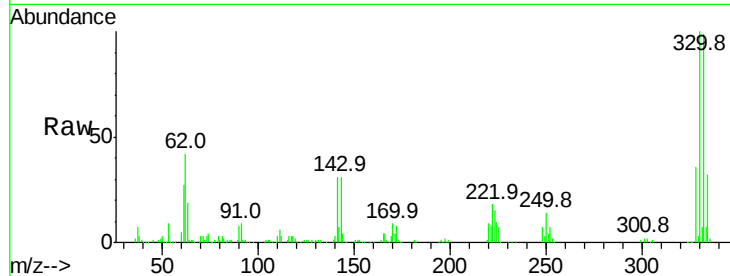




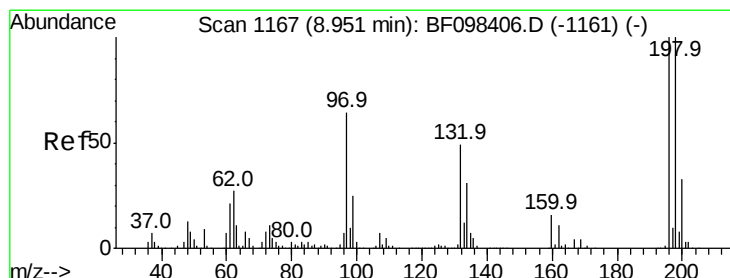
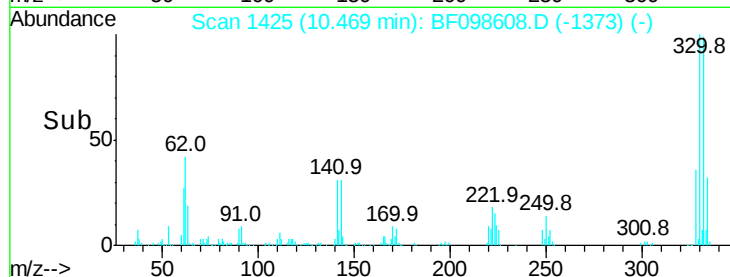
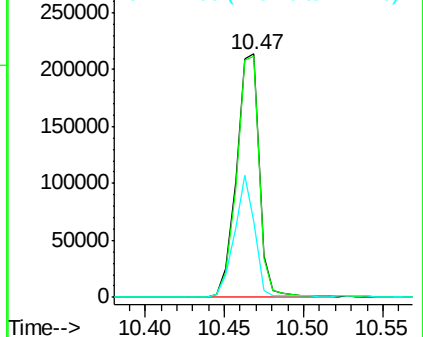
#41
 2,4,6-Tribromophenol
 Concen: 152.491 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 214724
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.6 115.0
 141 44.8 31.4 47.2

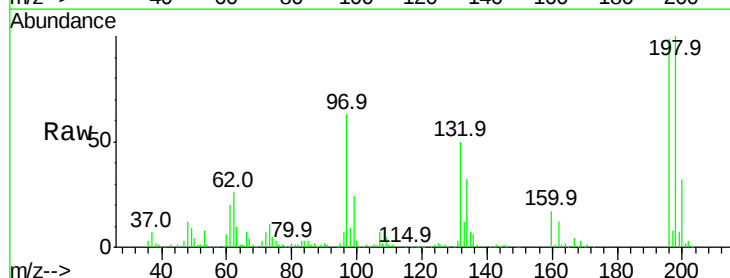


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

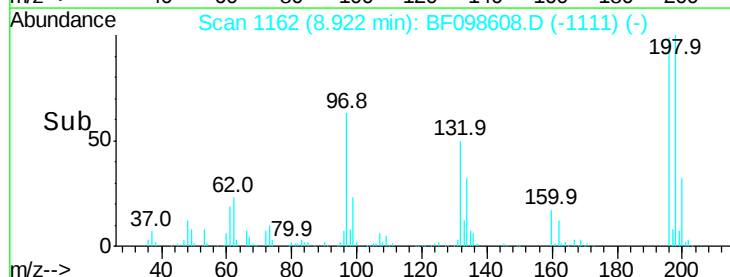
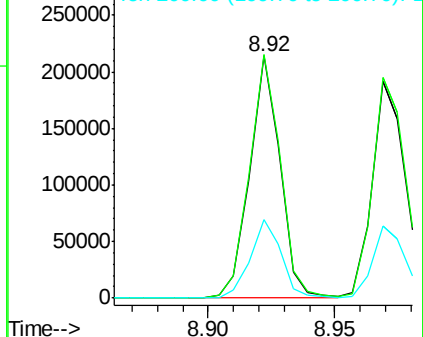


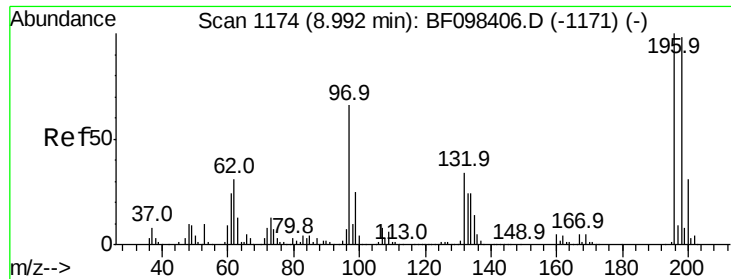
#42
 2,4,6-Trichlorophenol
 Concen: 46.606 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Tgt Ion:196 Resp: 179906
 Ion Ratio Lower Upper
 196 100
 198 100.5 74.2 111.4
 200 32.4 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

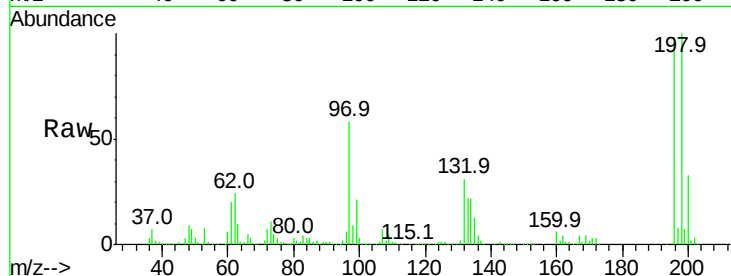




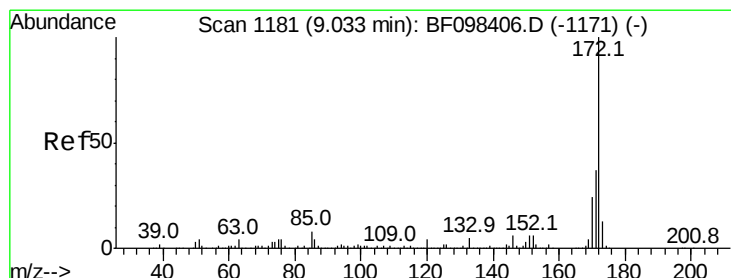
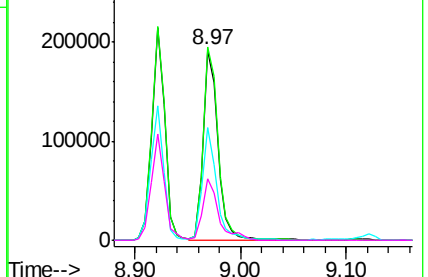
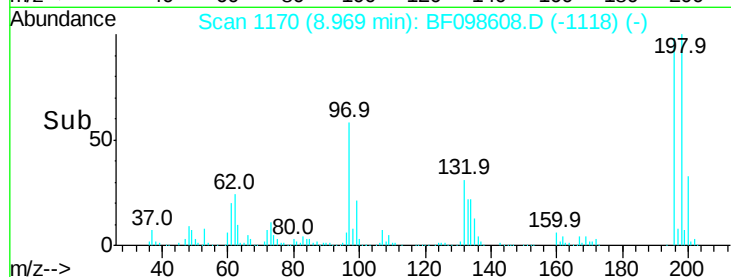
#43
 2,4,5-Trichlorophenol
 Concen: 46.233 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 186537
 Ion Ratio Lower Upper
 196 100
 198 101.8 75.7 113.5
 97 59.4 47.7 71.5
 132 32.1 28.0 42.0

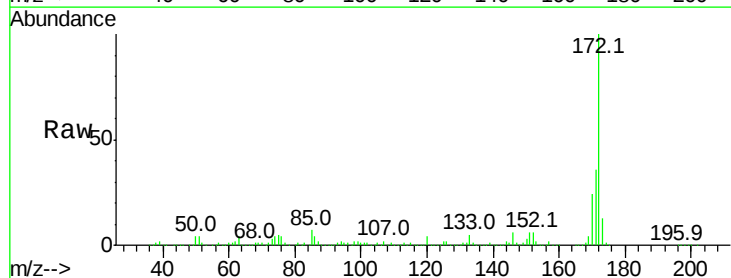


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

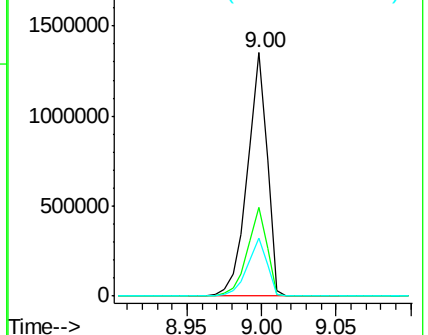
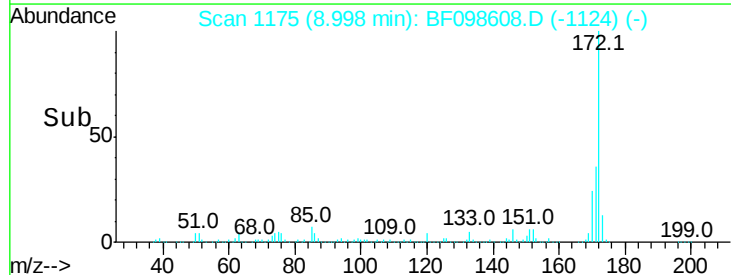


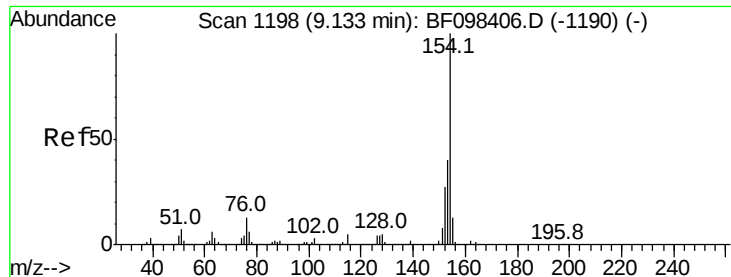
#44
 2-Fluorobiphenyl
 Concen: 98.885 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Tgt Ion:172 Resp: 1230894
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.9 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: 40.211 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

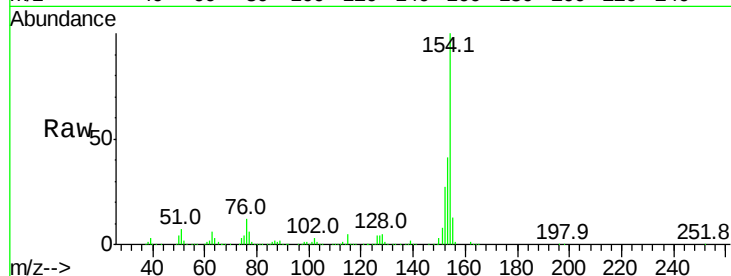
Tot Ion:154 Resp: 759332

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

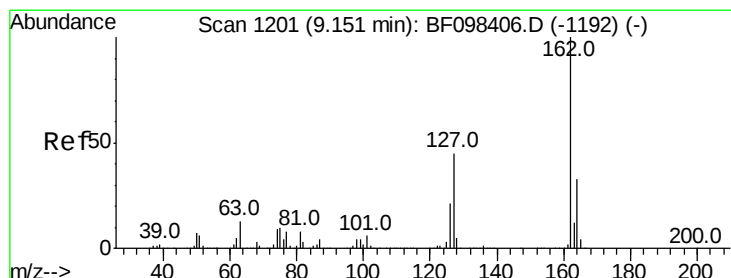
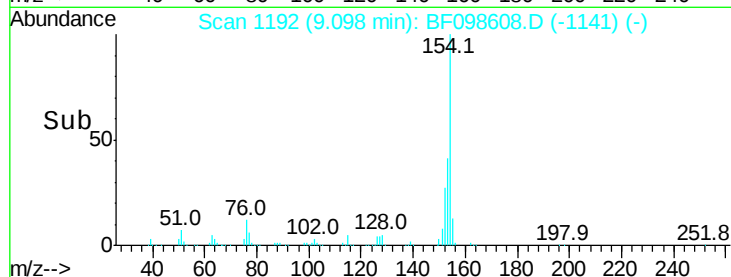
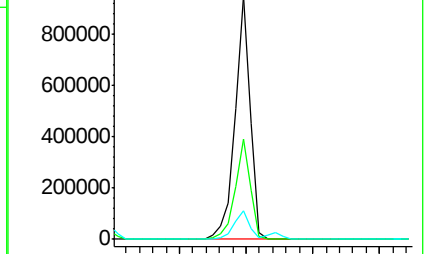
76 11.9 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.316 ng

RT: 9.12 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

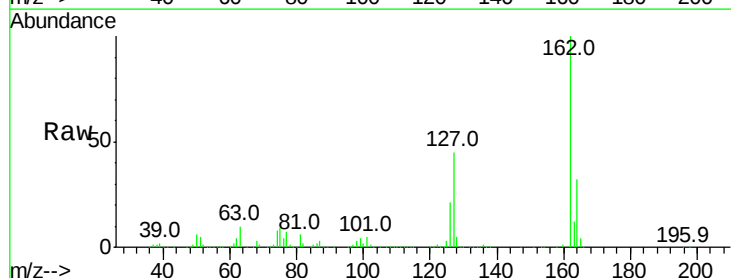
Tgt Ion:162 Resp: 570689

Ion Ratio Lower Upper

162 100

127 44.7 28.3 42.5#

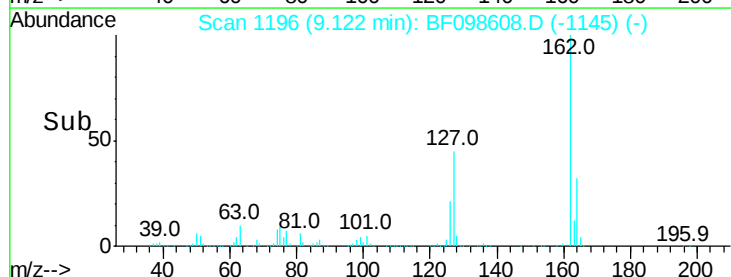
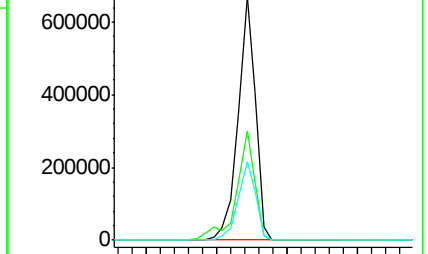
164 32.5 27.0 40.4

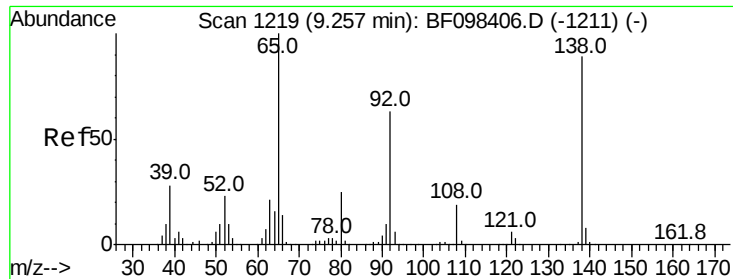


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.523 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :
BNA_F
ClientSampleId :

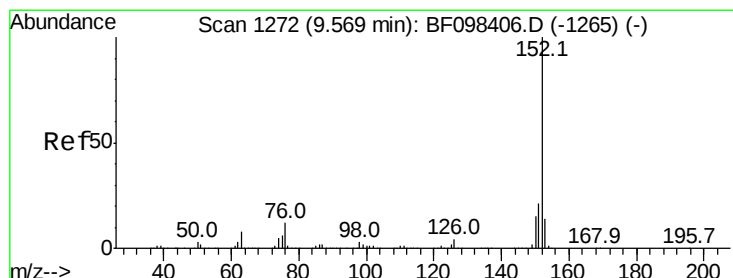
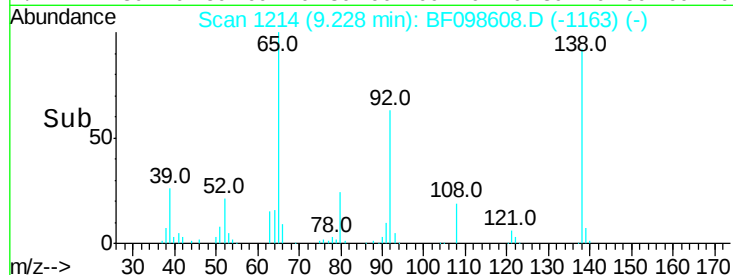
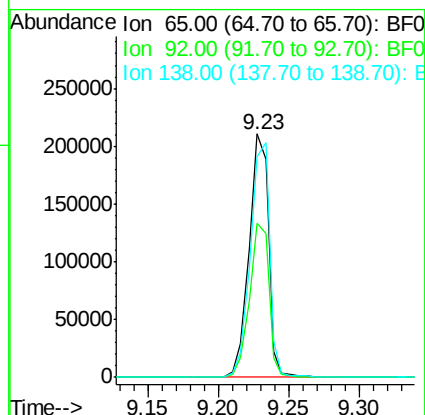
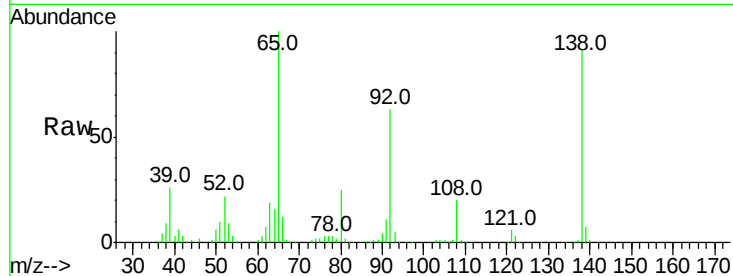
Tot Ion: 65 Resp: 204583

Ion Ratio Lower Upper

65 100

92 63.0 53.9 80.9

138 90.9 78.8 118.2



#48

Acenaphthylene

Concen: 39.930 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

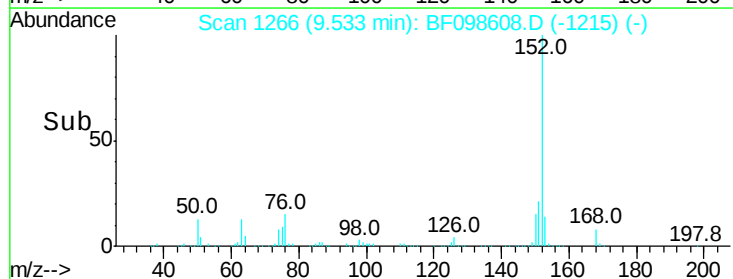
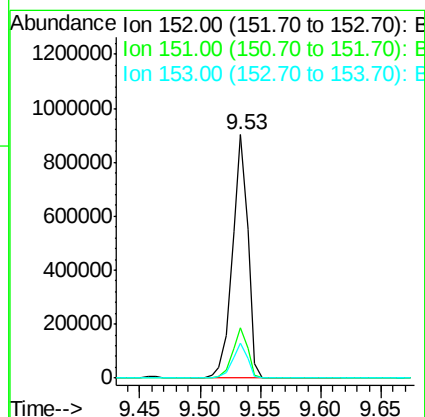
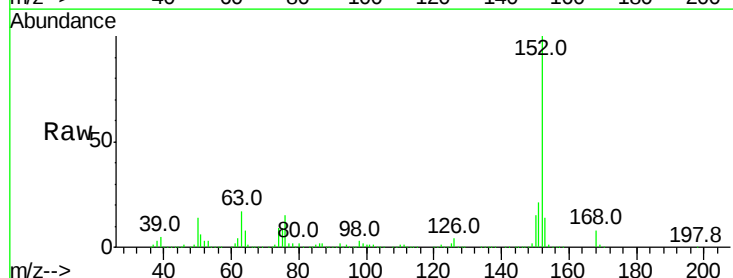
Tgt Ion:152 Resp: 800684

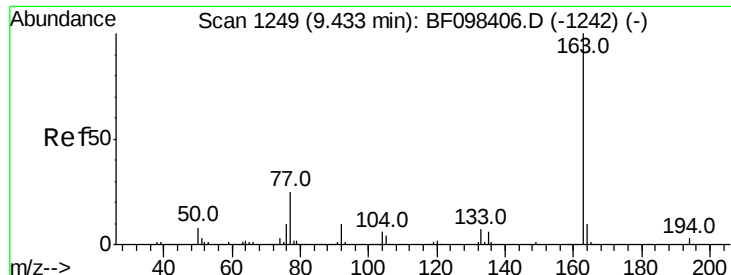
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 14.1 10.8 16.2

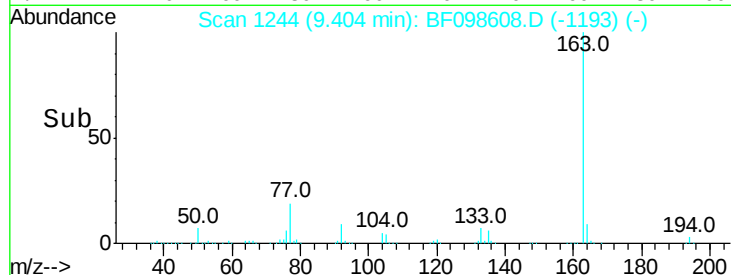
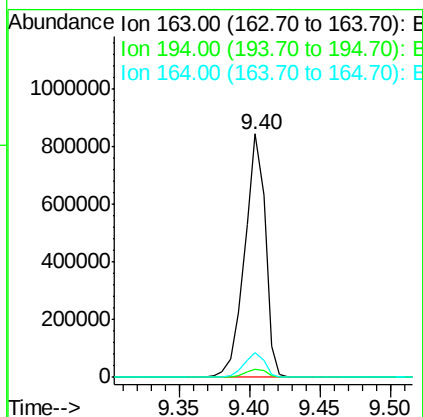
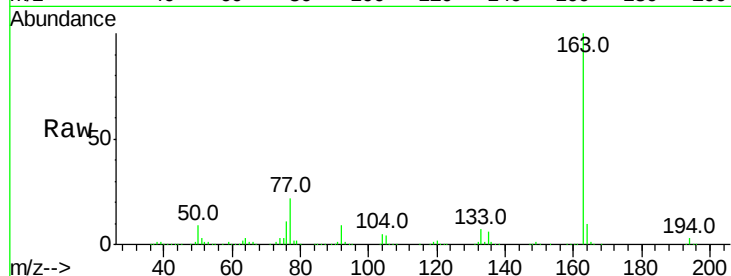




#49
Dimethylphthalate
Concen: 52.737 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

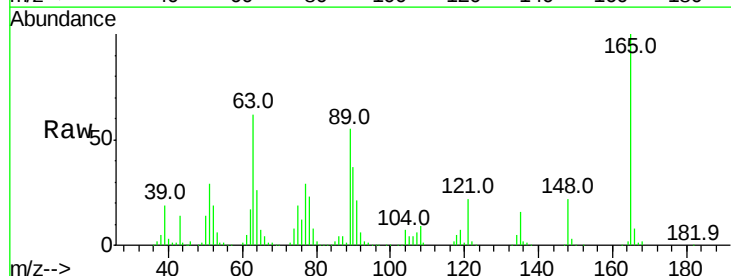
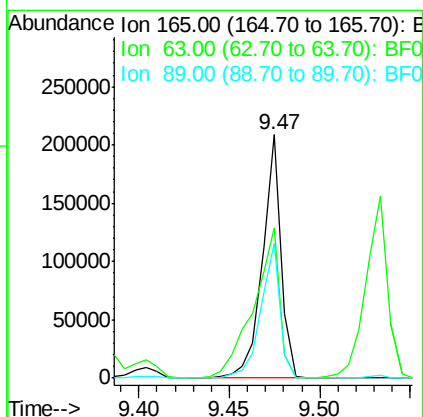
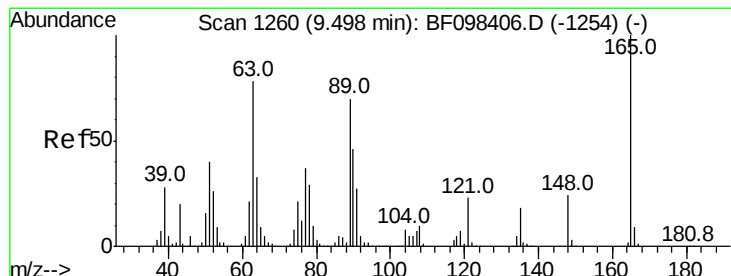
Instrument :
BNA_F
ClientSampleId :

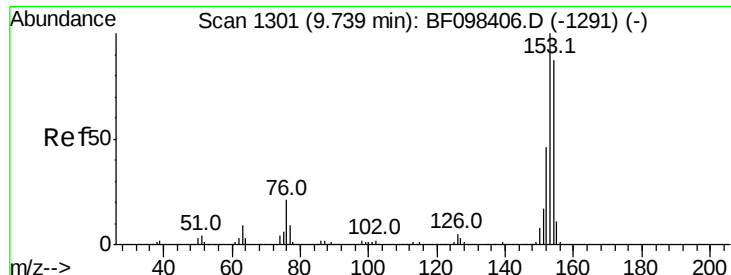
Tot Ion:163 Resp: 861278
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 44.688 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion:165 Resp: 149914
Ion Ratio Lower Upper
165 100
63 61.5 34.3 51.5#
89 55.1 37.1 55.7





#51

Acenaphthene

Concen: 40.357 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

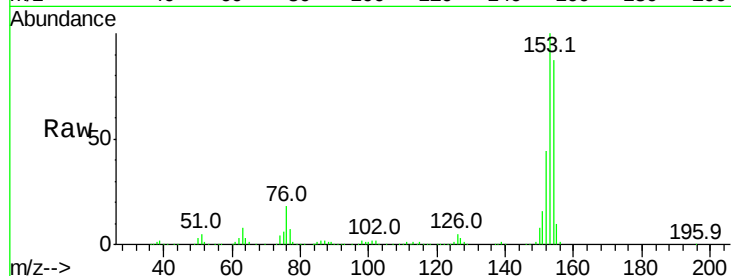
Tot Ion:154 Resp: 514411

Ion Ratio Lower Upper

154 100

153 115.2 90.5 135.7

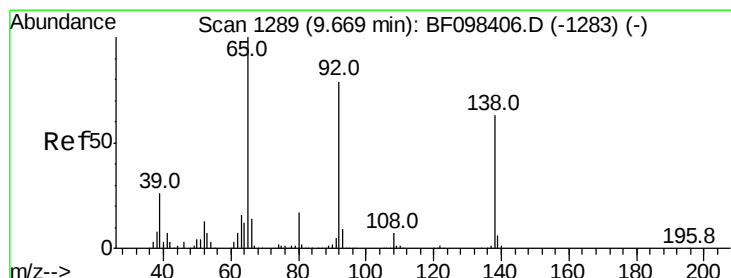
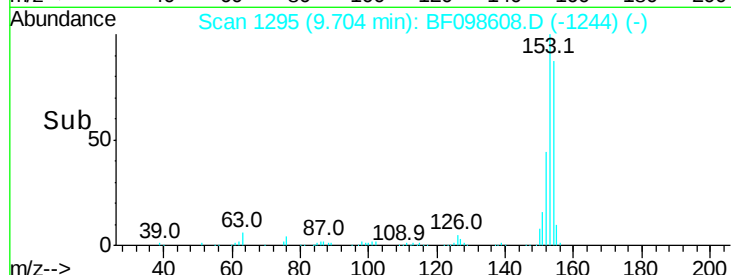
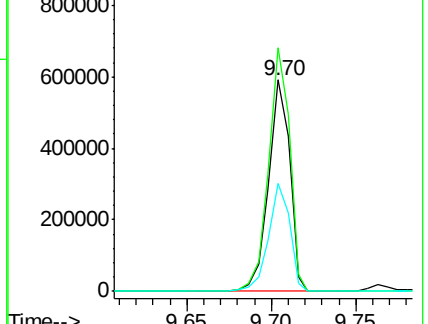
152 50.9 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.022 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

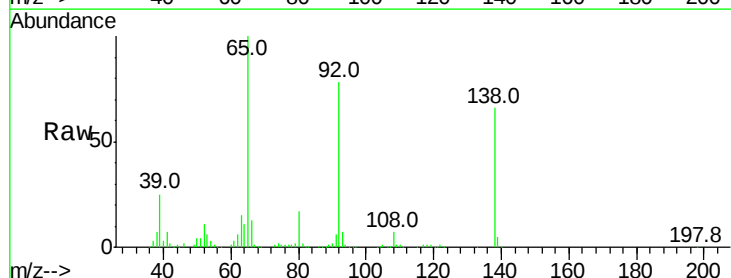
Tgt Ion:138 Resp: 113475

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

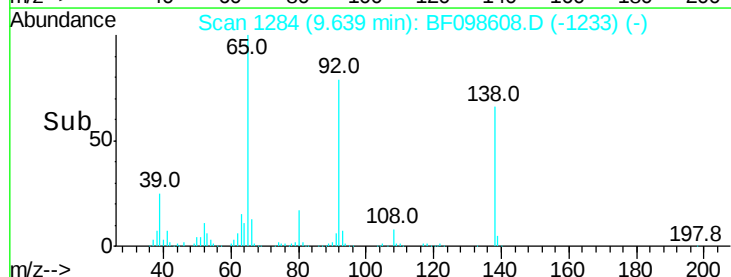
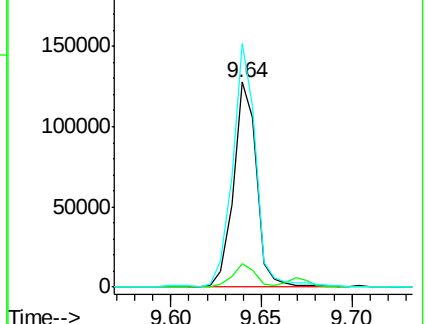
92 118.9 93.8 140.6

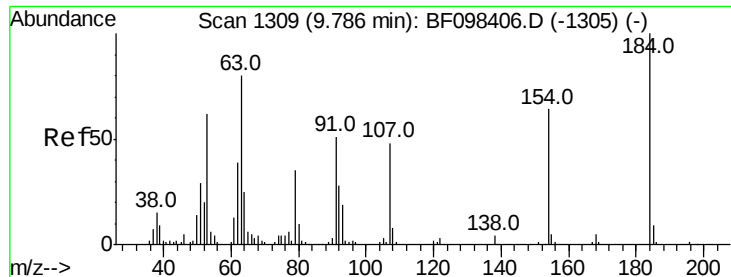


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

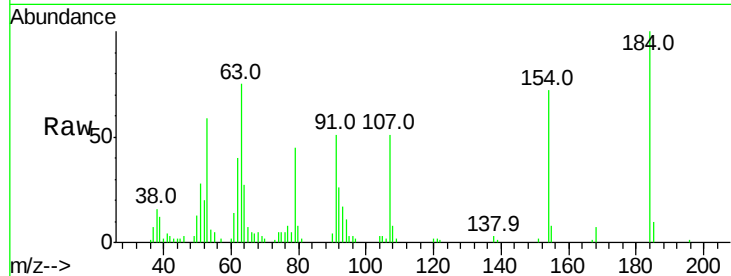




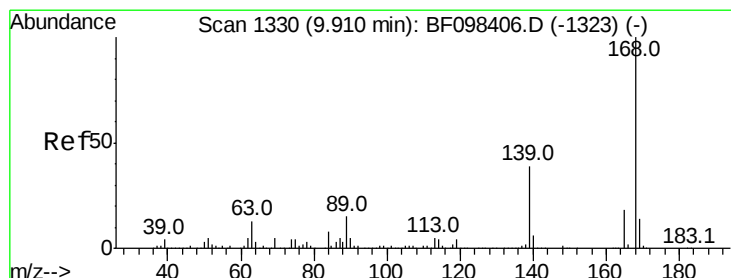
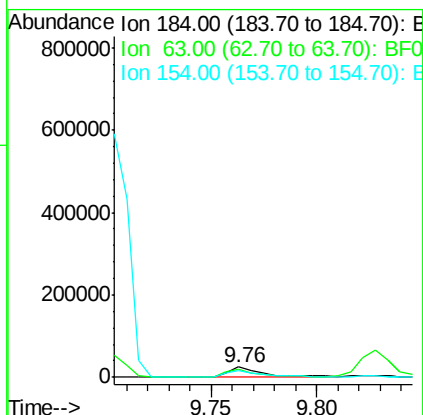
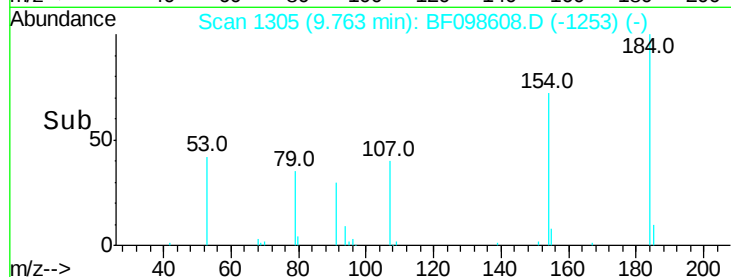
#53
 2,4-Dinitrophenol
 Concen: 25.080 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 29384
 Ion Ratio Lower Upper
 184 100
 63 75.2 62.7 94.1
 154 72.4 81.1 121.7#

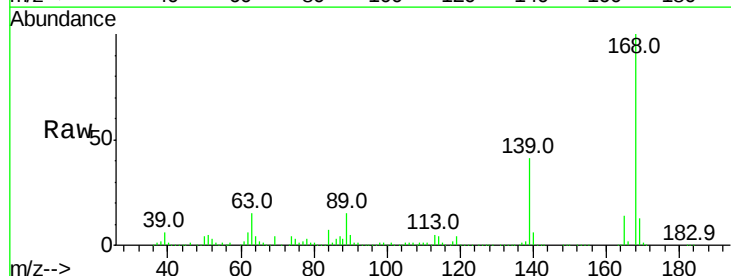


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

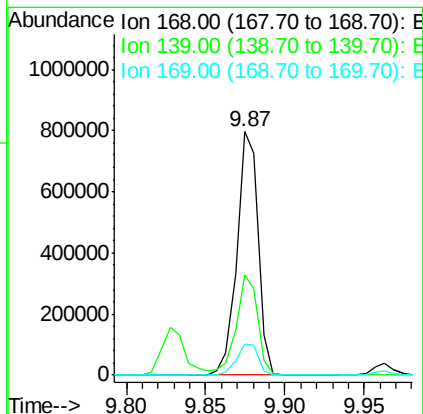
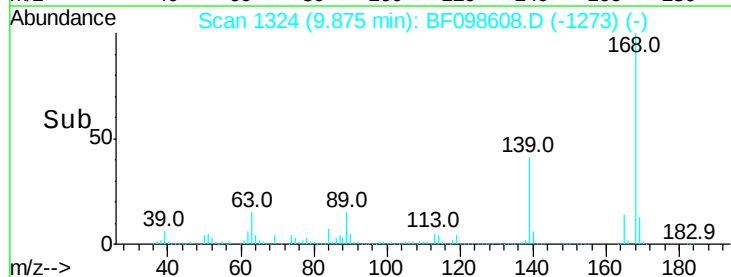


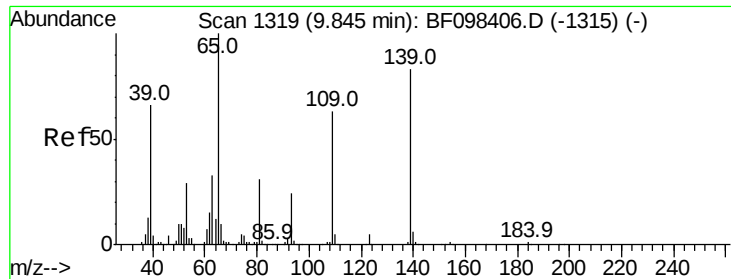
#54
 Dibenzofuran
 Concen: 43.791 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Tgt Ion:168 Resp: 735345
 Ion Ratio Lower Upper
 168 100
 139 41.1 30.6 45.8
 169 13.0 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: 68.329 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampled :

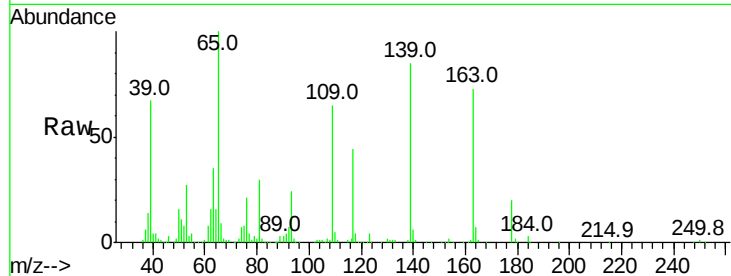
Tot Ion:139 Resp: 158972

Ion Ratio Lower Upper

139 100

109 76.1 34.1 74.1#

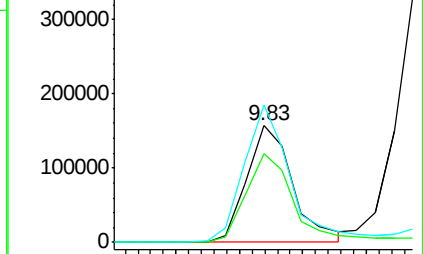
65 117.9 31.4 71.4#



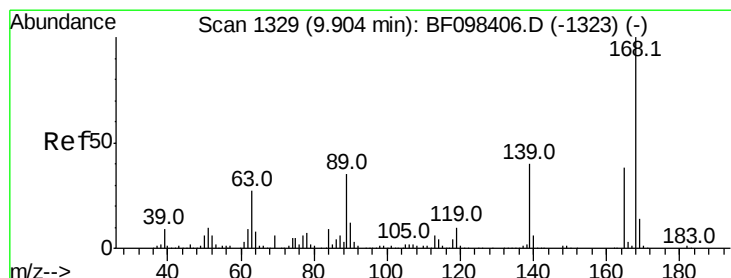
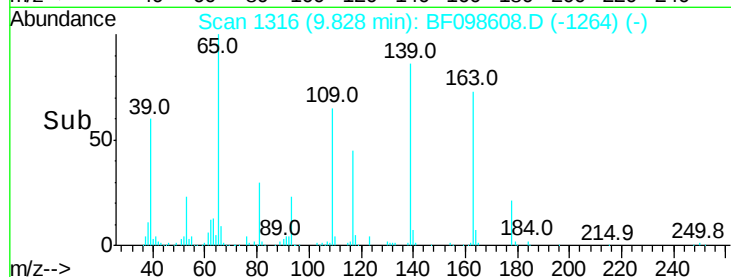
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 44.312 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Tgt Ion:165 Resp: 180723

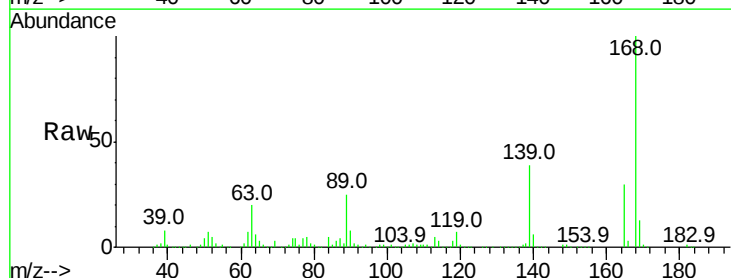
Ion Ratio Lower Upper

165 100

63 67.5 25.4 38.0#

89 84.5 46.4 69.6#

182 2.7 1.8 2.6#

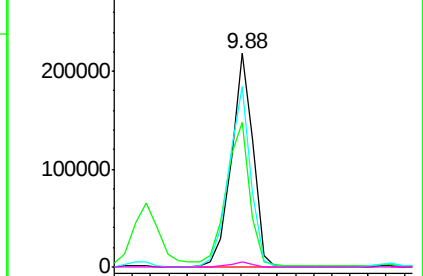


Abundance Ion 165.00 (164.70 to 165.70): E

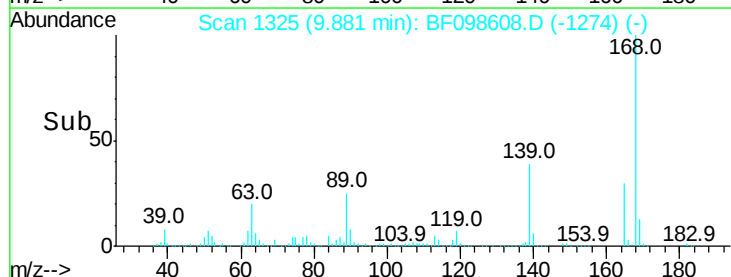
Ion 63.00 (62.70 to 63.70): BF0

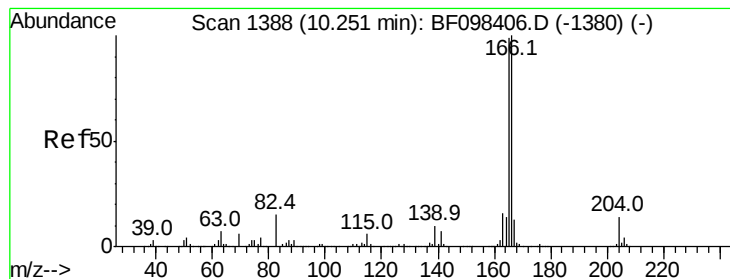
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->





#57

Fluorene

Concen: 40.810 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

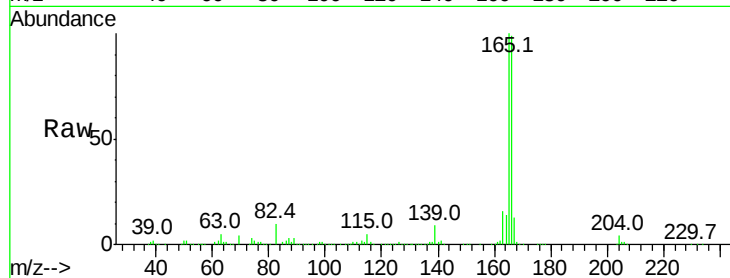
Tot Ion:166 Resp: 567211

Ion Ratio Lower Upper

166 100

165 100.5 78.8 118.2

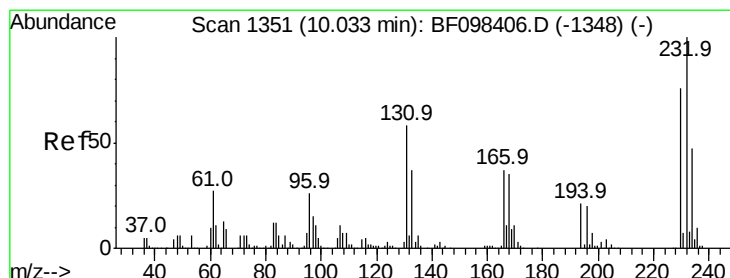
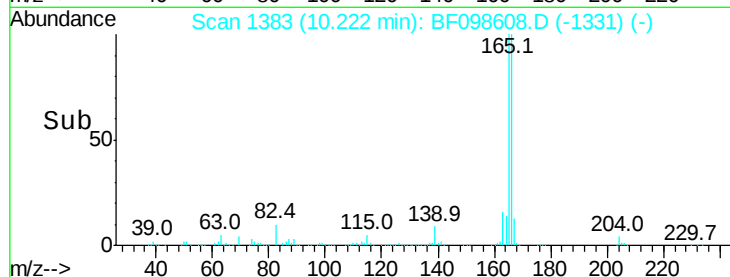
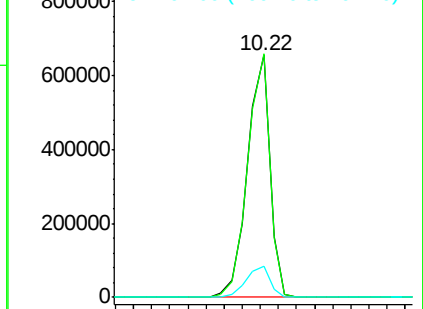
167 13.1 10.6 16.0



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: 48.905 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Tgt Ion:232 Resp: 132607

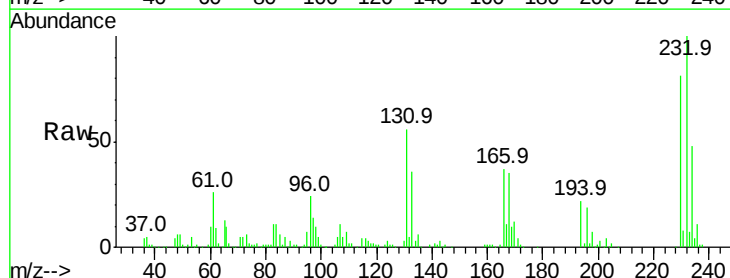
Ion Ratio Lower Upper

232 100

131 52.2 44.8 67.2

130 3.0 2.3 3.5

166 34.7 29.0 43.4

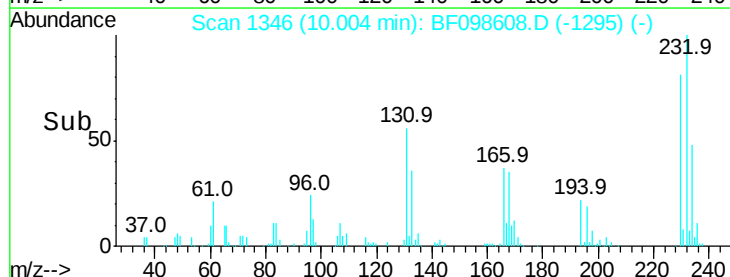
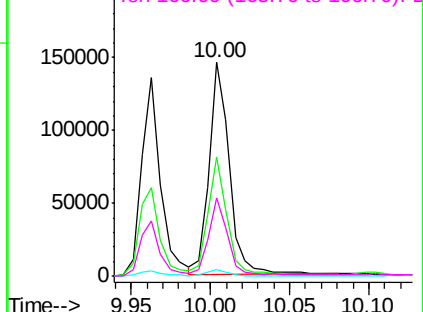


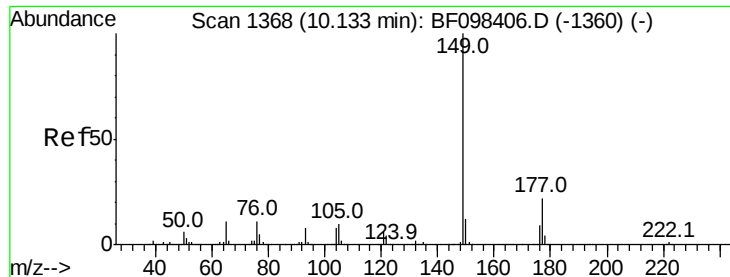
Abundance Ion 232.00 (231.70 to 232.70): E

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

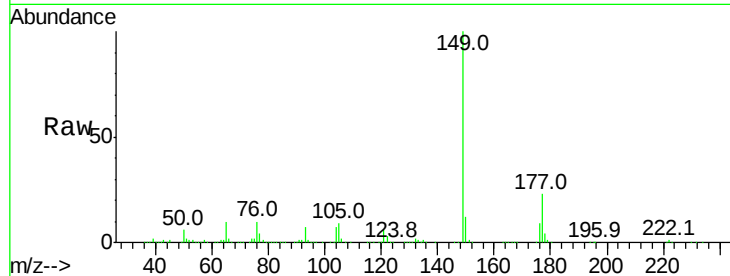




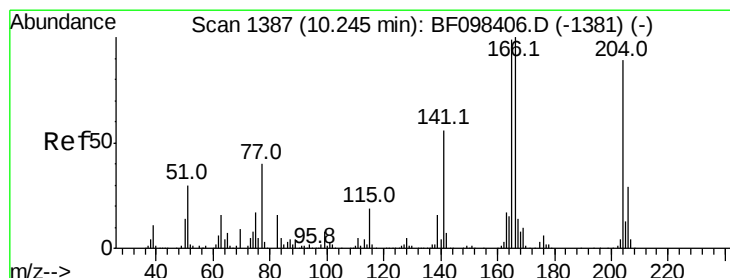
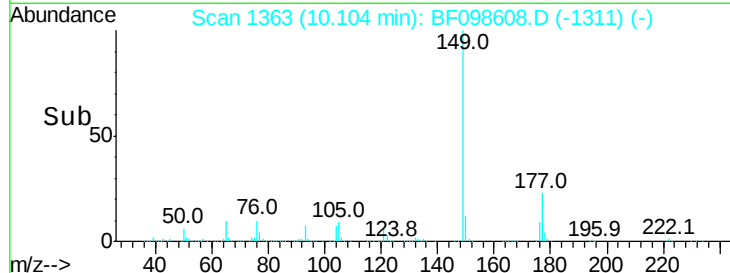
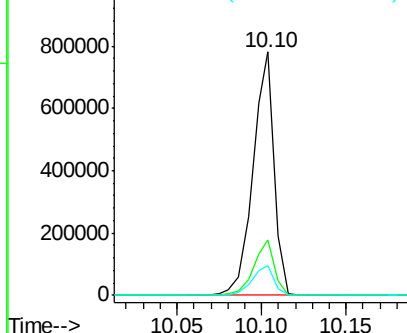
#59
Diethylphthalate
Concen: 43.986 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 683173
Ion Ratio Lower Upper
149 100
177 22.7 16.7 25.1
150 12.2 10.2 15.2

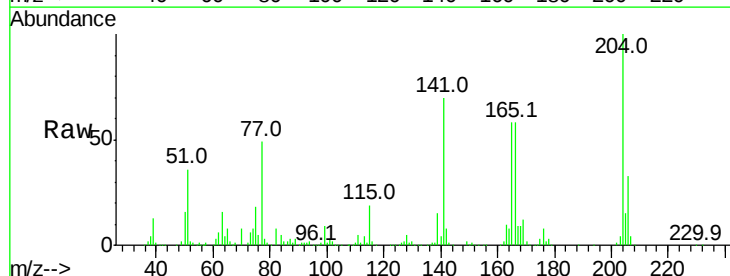


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

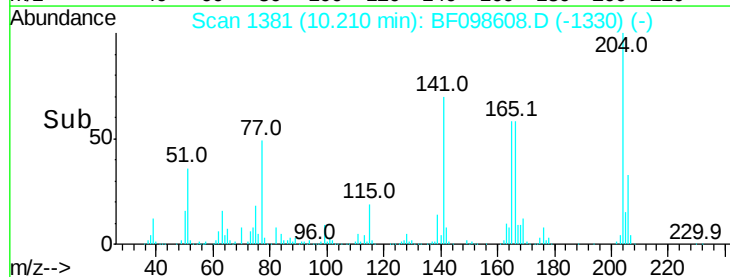
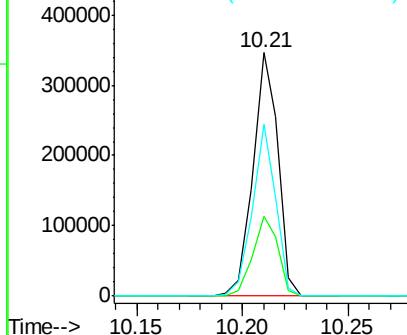


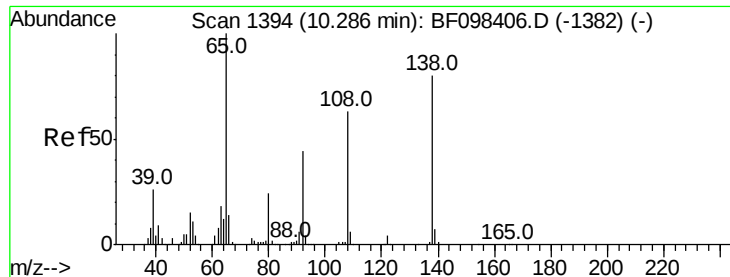
#60
4-Chlorophenyl-phenylether
Concen: 44.394 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion:204 Resp: 284996
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 70.4 60.8 91.2



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

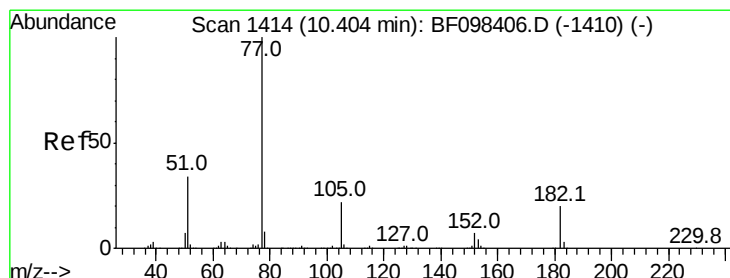
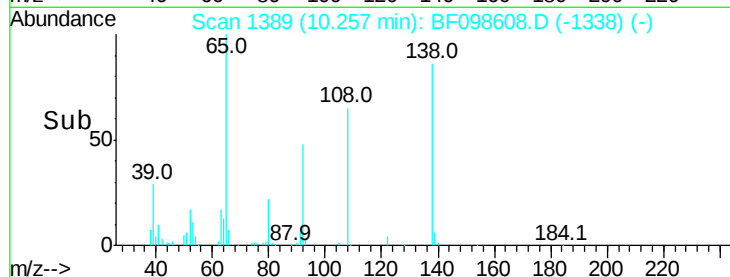
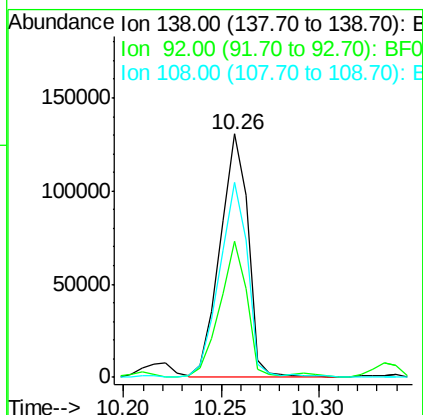
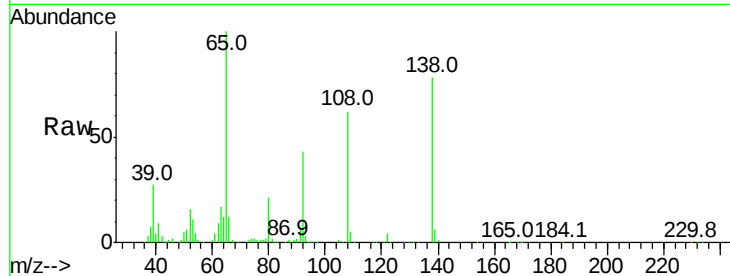




#61
4-Nitroaniline
Concen: 31.729 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

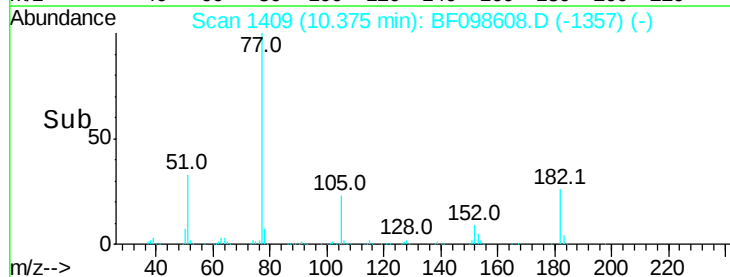
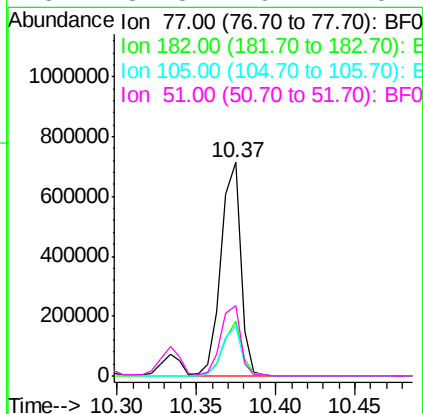
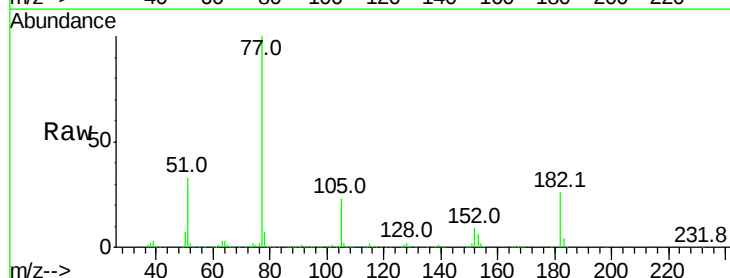
Instrument :
BNA_F
ClientSampleId :

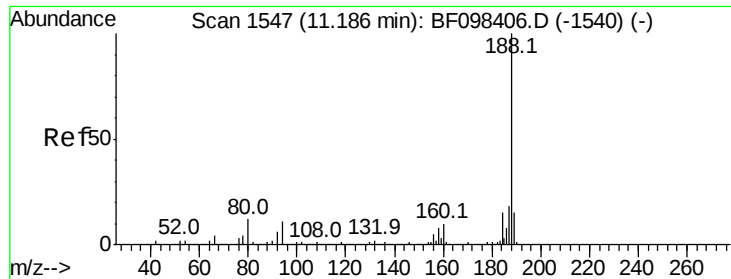
Tot Ion:138 Resp: 129757
Ion Ratio Lower Upper
138 100
92 55.9 21.8 61.8
108 79.9 42.3 82.3



#62
Azobenzene
Concen: 36.899 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion: 77 Resp: 617686
Ion Ratio Lower Upper
77 100
182 26.0 0.1 40.1
105 23.1 3.6 43.6
51 32.8 9.4 49.4

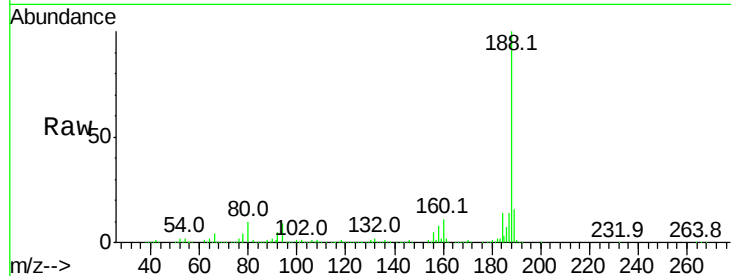




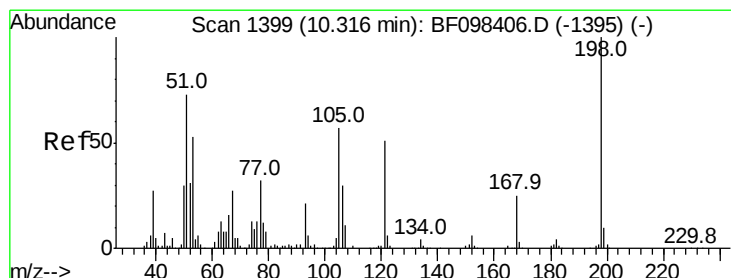
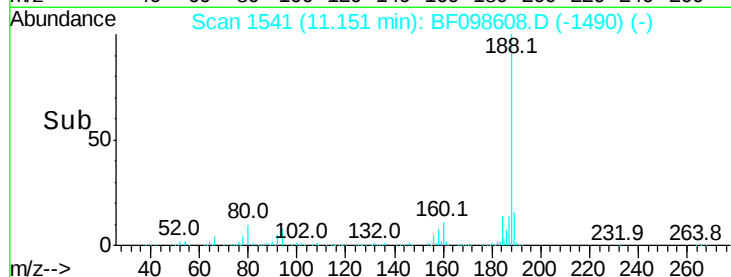
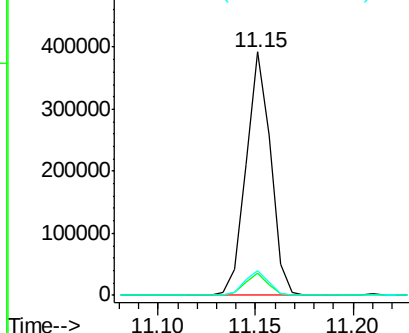
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 339421
Ion Ratio Lower Upper
188 100
94 8.9 9.4 14.2#
80 10.2 10.2 15.2

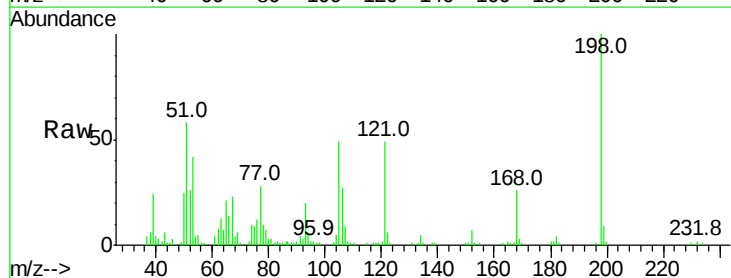


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

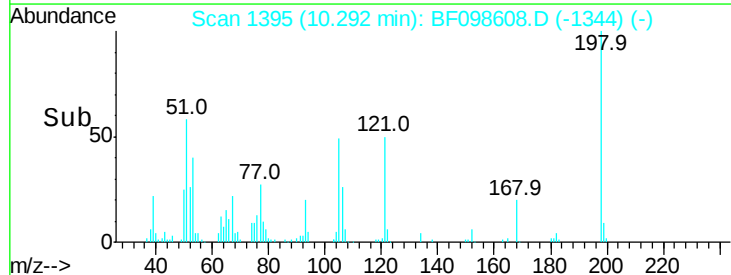
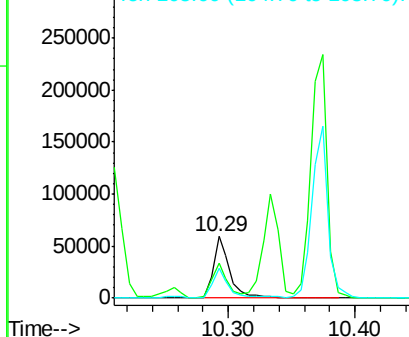


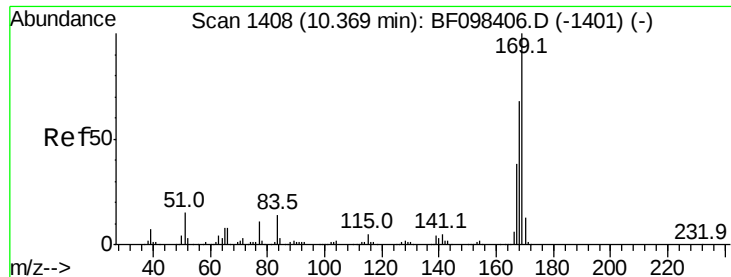
#64
4,6-Dinitro-2-methylphenol
Concen: 28.208 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion:198 Resp: 53972
Ion Ratio Lower Upper
198 100
51 57.7 53.2 93.2
105 49.4 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.862 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

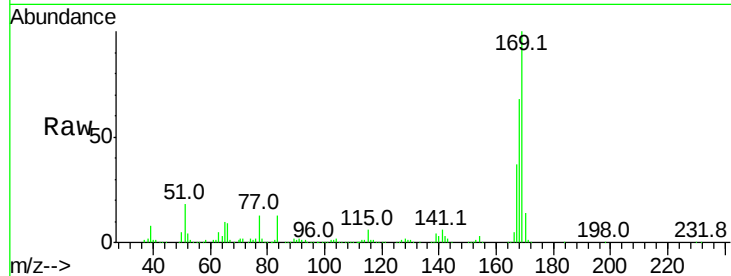
Tot Ion:169 Resp: 516478

Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

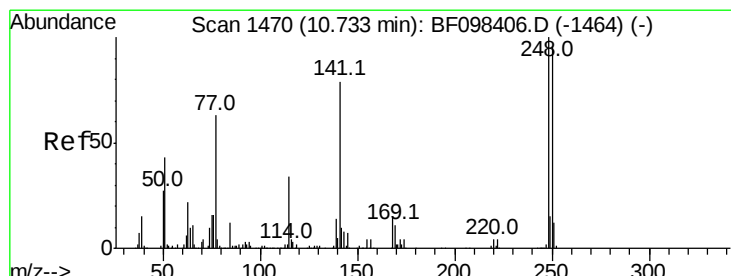
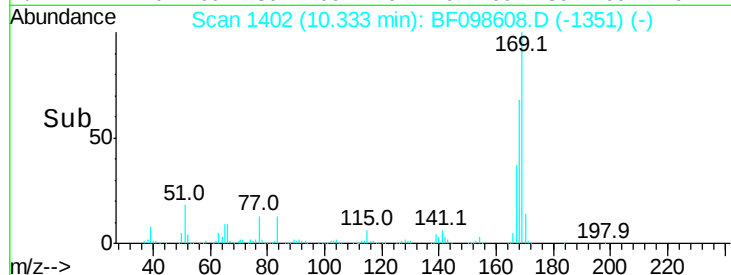
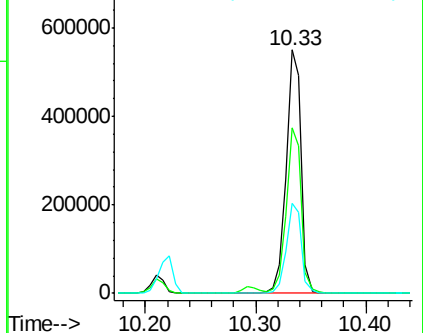
167 36.8 29.5 44.3



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: 49.267 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

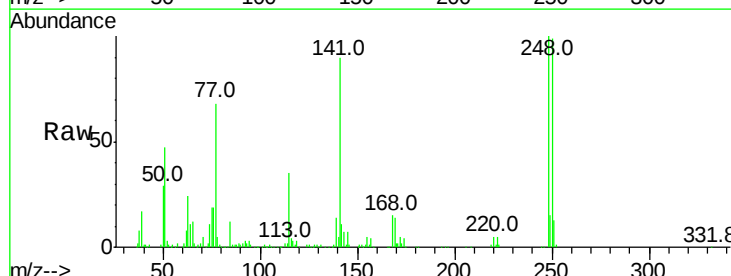
Tgt Ion:248 Resp: 158710

Ion Ratio Lower Upper

248 100

250 99.0 76.8 115.2

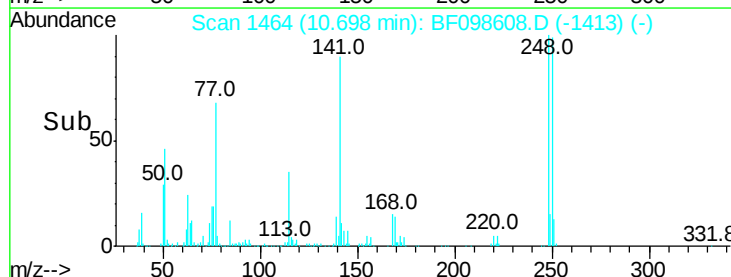
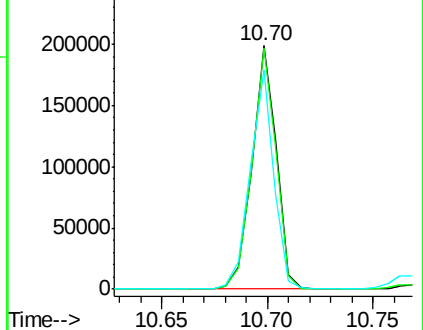
141 90.3 68.6 103.0

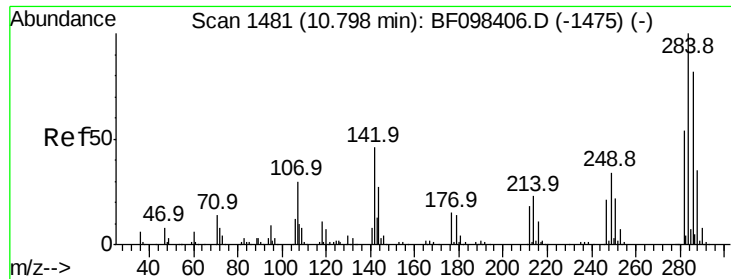


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

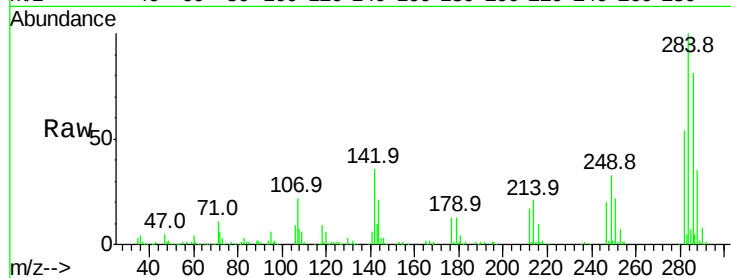




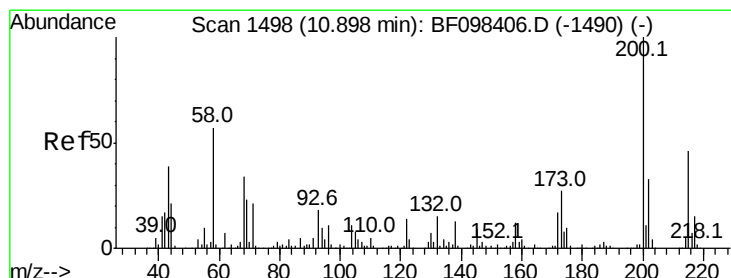
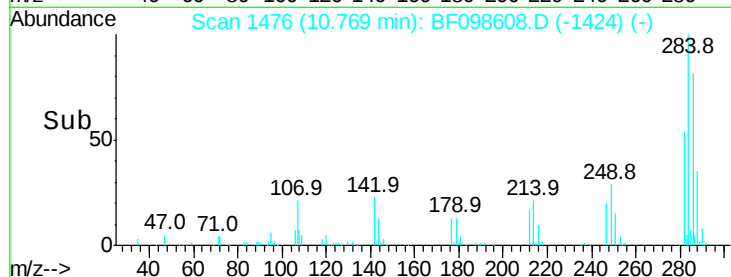
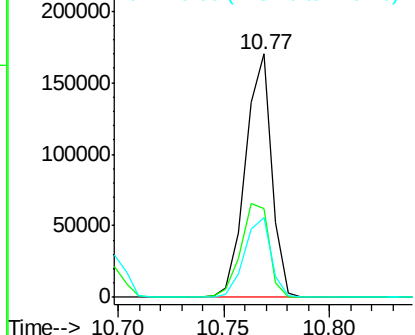
#67
Hexachlorobenzene
Concen: 44.813 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.01 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 146429
Ion Ratio Lower Upper
284 100
142 36.2 22.8 34.2#
249 33.0 24.0 36.0

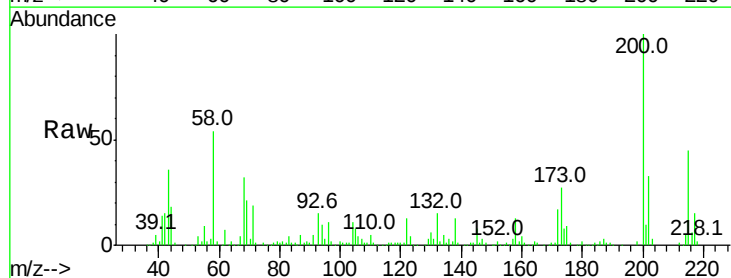


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

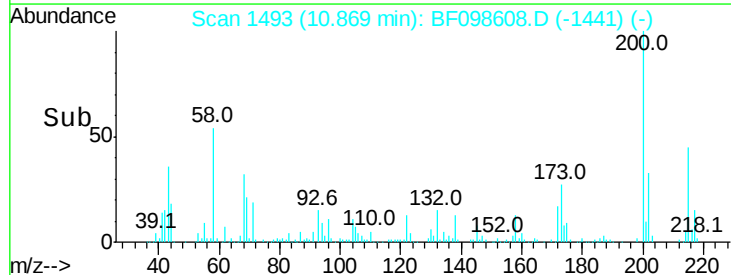
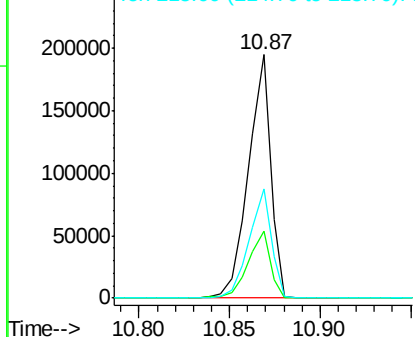


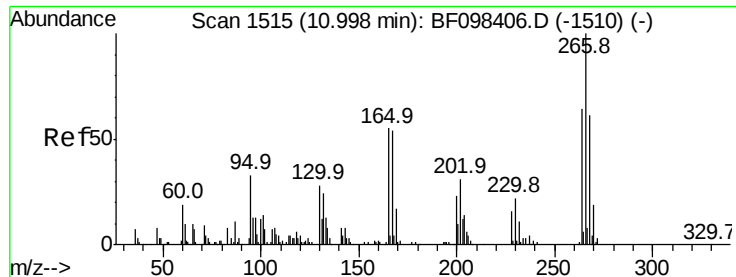
#68
Atrazine
Concen: 49.263 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion:200 Resp: 167147
Ion Ratio Lower Upper
200 100
173 27.5 6.3 46.3
215 45.0 27.2 67.2



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

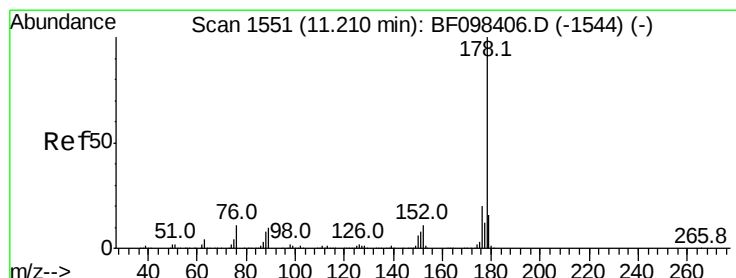
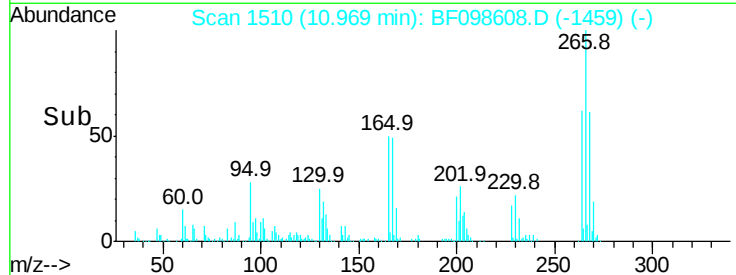
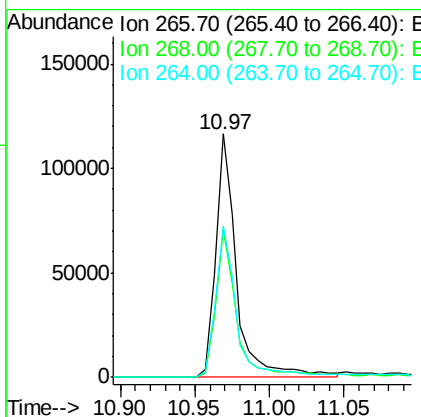
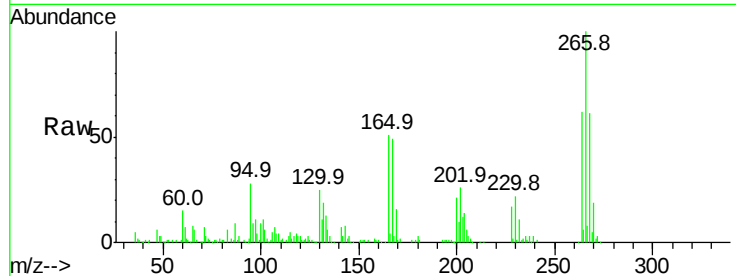




#69
 Pentachlorophenol
 Concen: 78.705 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

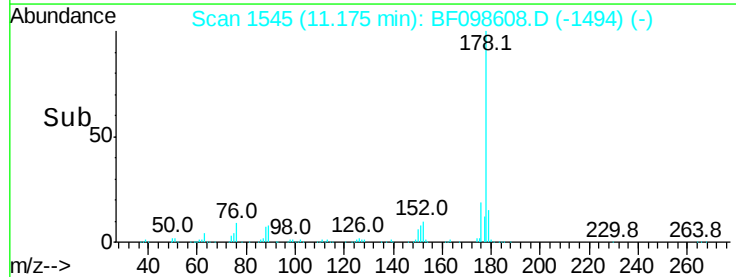
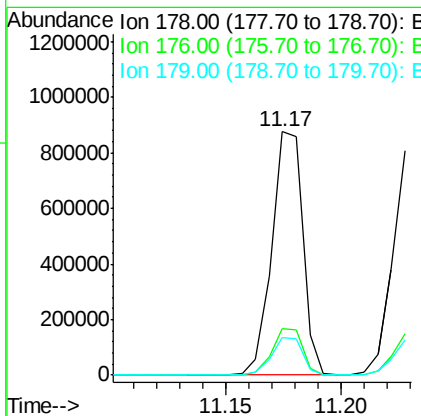
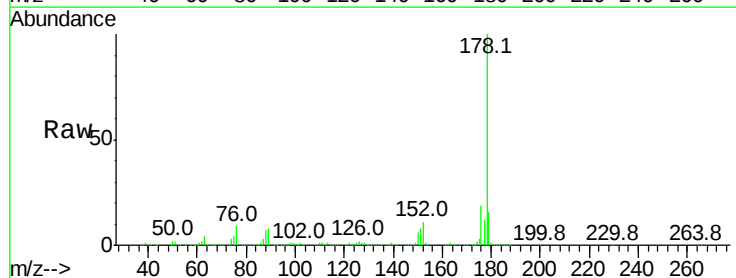
Instrument :
 BNA_F
 ClientSampleId :

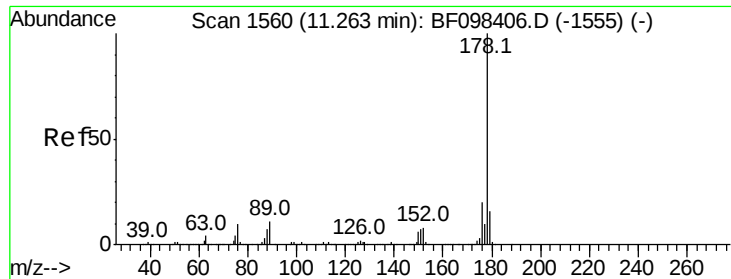
Tot Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.1	76.7
264	62.4	51.7	77.5



#70
 Phenanthrene
 Concen: 45.335 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.00 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	15.5	12.6	19.0

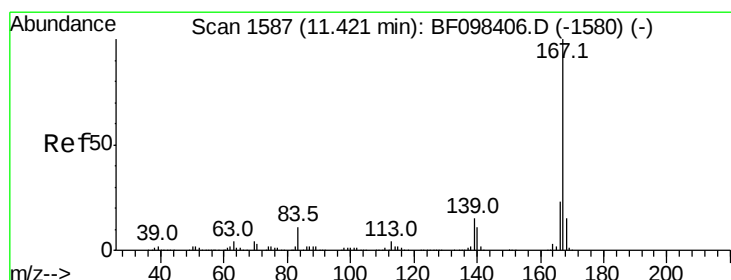
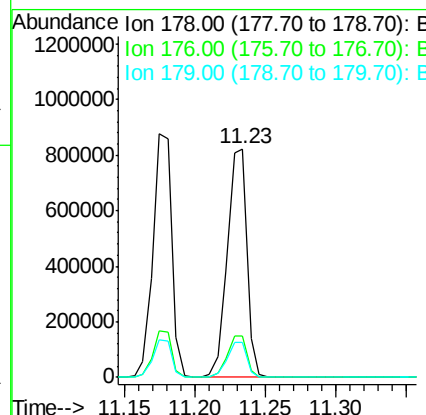
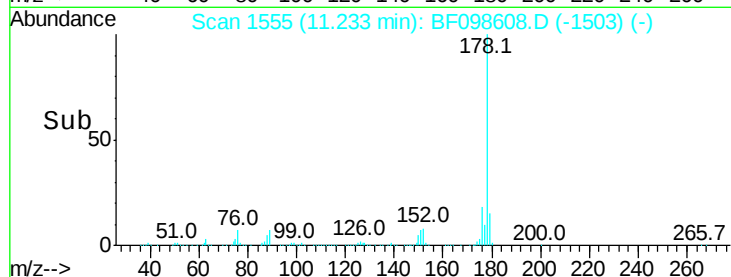
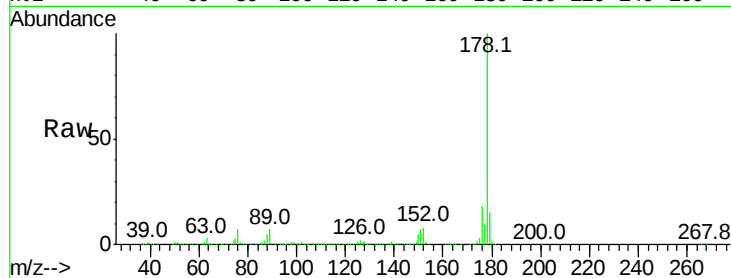




#71
 Anthracene
 Concen: 43.073 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

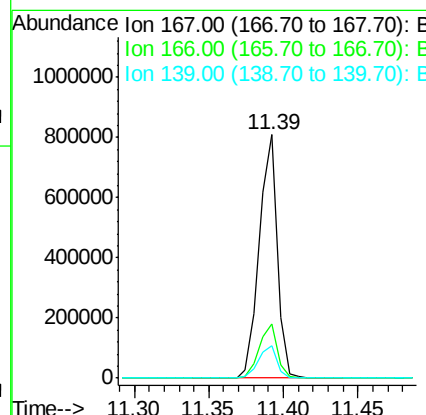
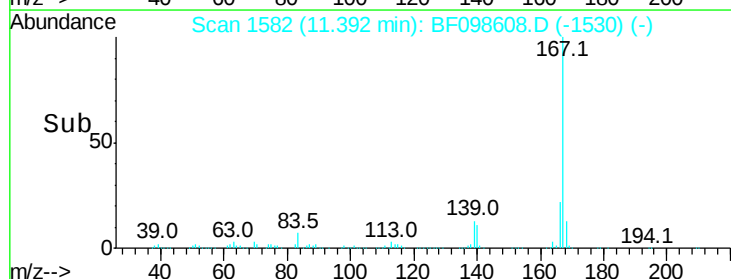
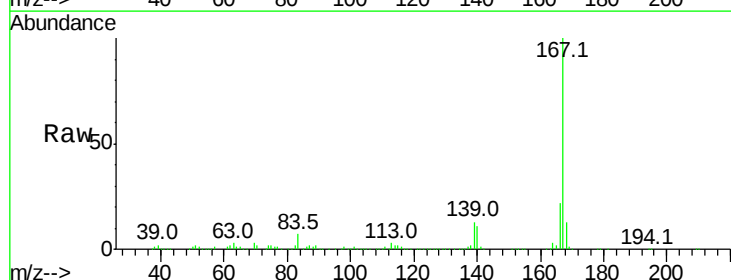
Instrument :
 BNA_F
 ClientSampled :

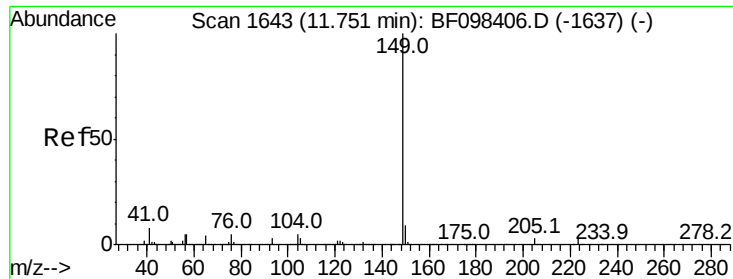
Tot Ion:178 Resp: 795735
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 39.013 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Tgt Ion:167 Resp: 671698
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.012 ng

RT: 11.72 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

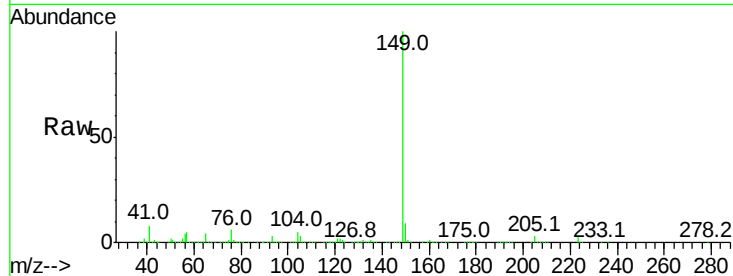
Tot Ion:149 Resp: 949166

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

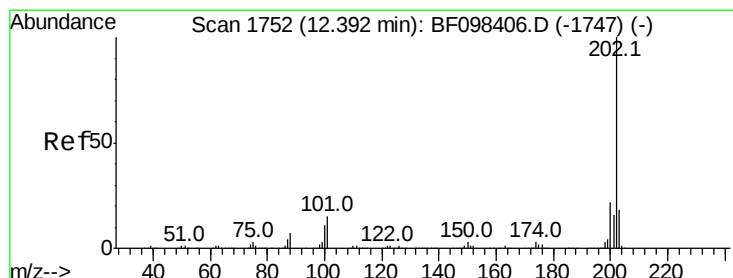
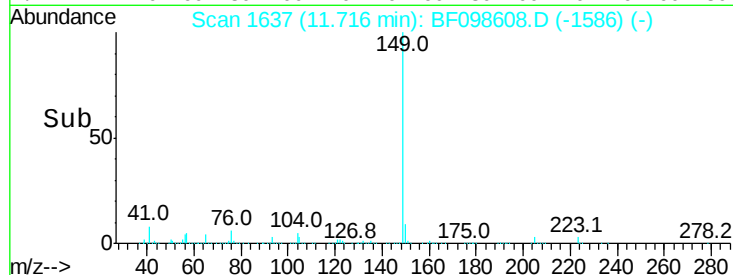
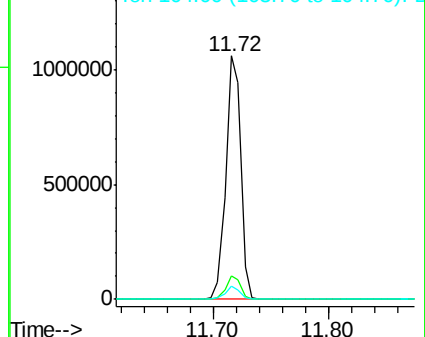
104 5.4 4.0 6.0



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: 47.426 ng

RT: 12.36 min Scan# 1747

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

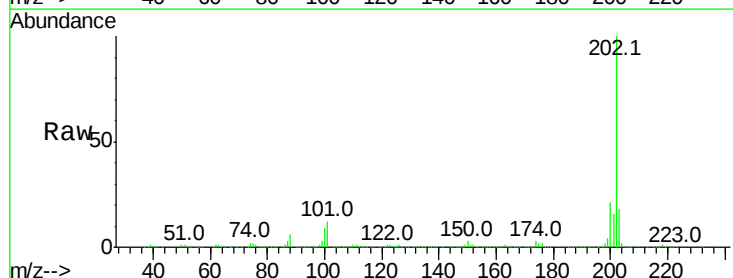
Tgt Ion:202 Resp: 854285

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.2

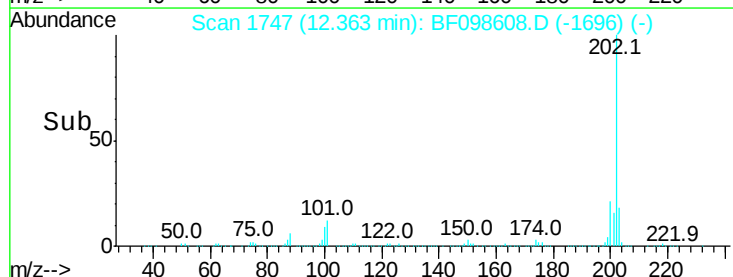
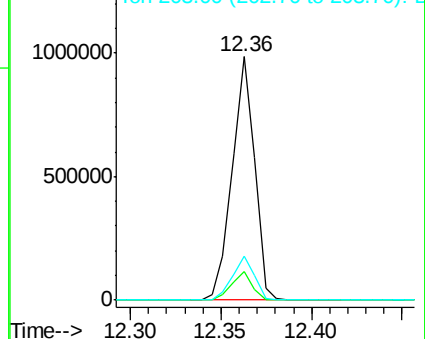
203 18.1 0.0 38.1

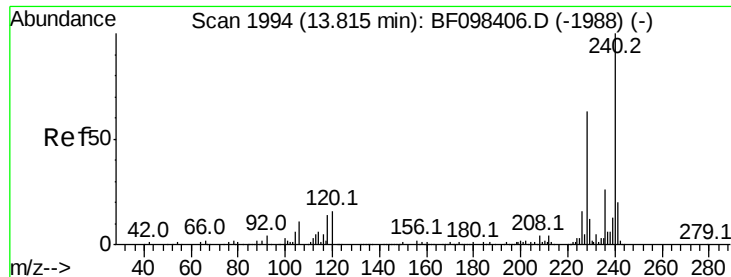


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

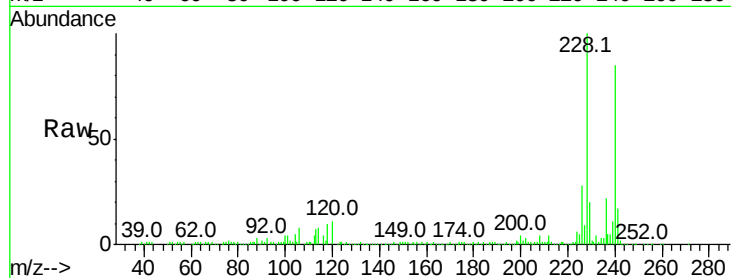
Tot Ion:240 Resp: 215194

Ion Ratio Lower Upper

240 100

120 12.5 5.8 8.8#

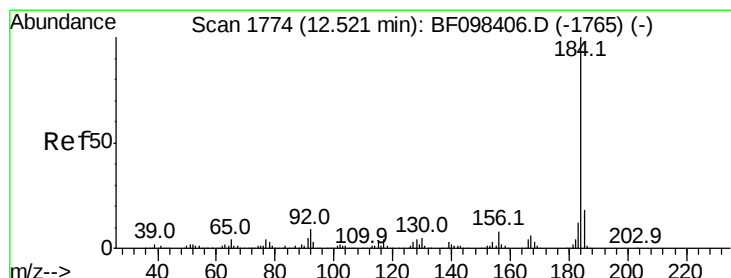
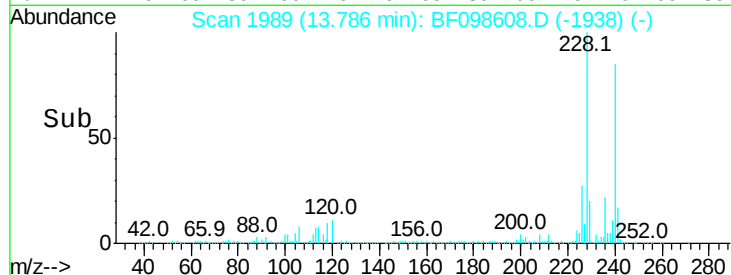
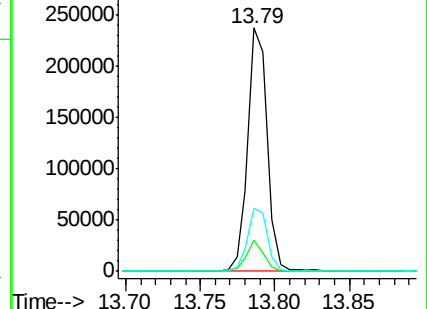
236 26.1 20.5 30.7



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: 18.838 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

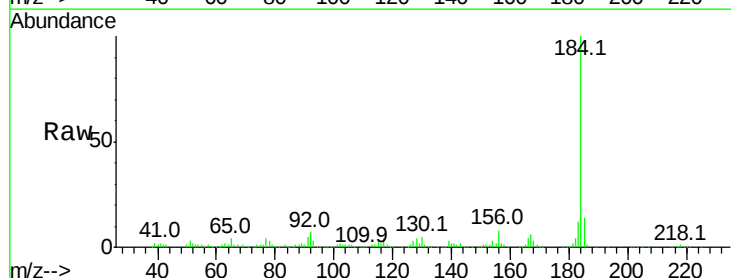
Tgt Ion:184 Resp: 179410

Ion Ratio Lower Upper

184 100

185 13.6 15.5 23.3#

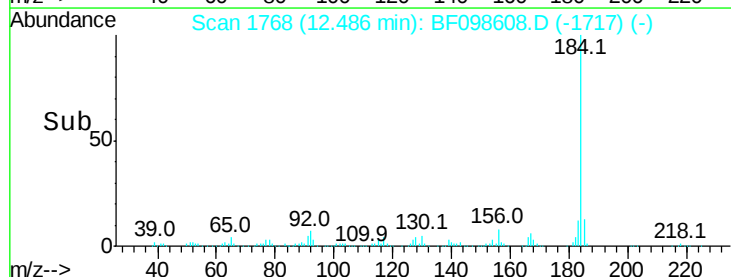
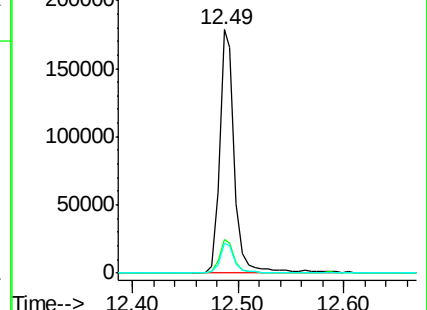
183 12.4 9.8 14.6

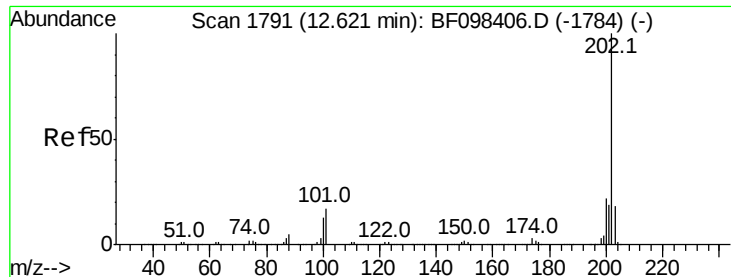


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 54.132 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

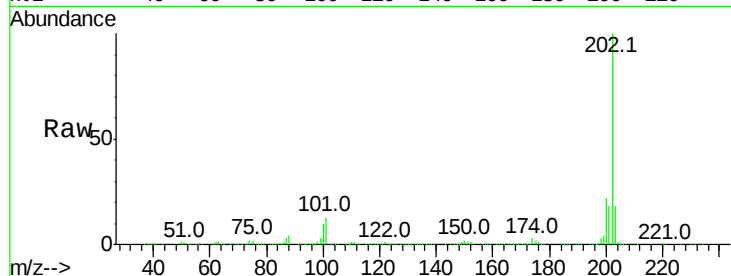
Tot Ion:202 Resp: 918947

Ion Ratio Lower Upper

202 100

200 22.1 17.6 26.4

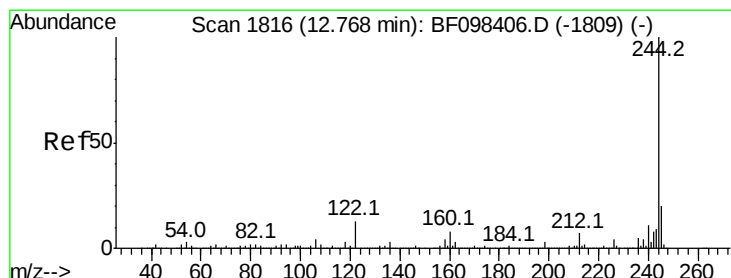
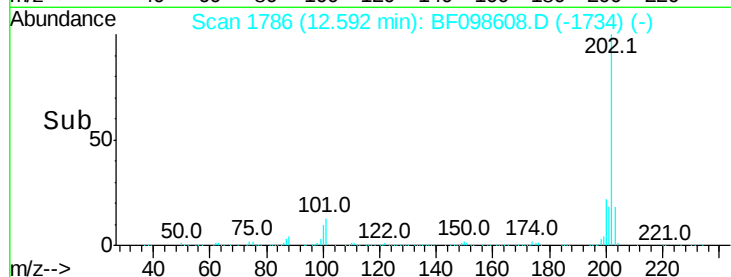
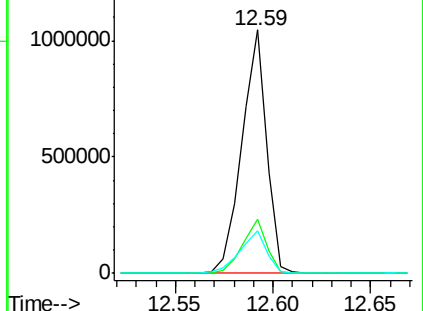
203 17.7 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.460 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

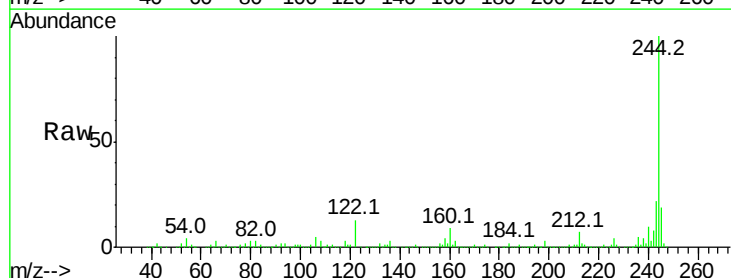
Tgt Ion:244 Resp: 842051

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

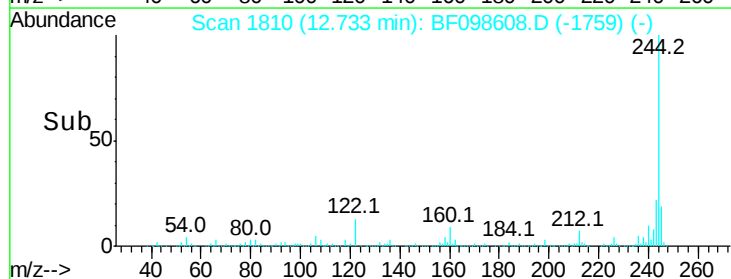
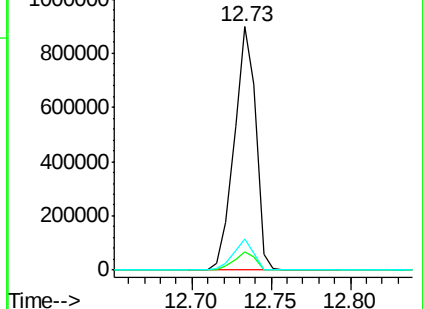
122 12.8 10.3 15.5

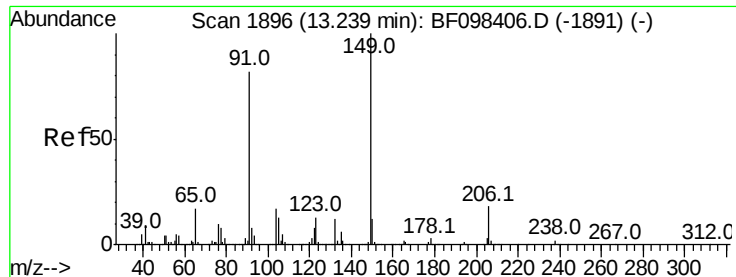


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

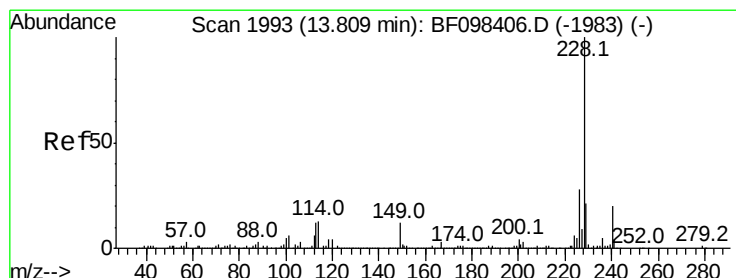
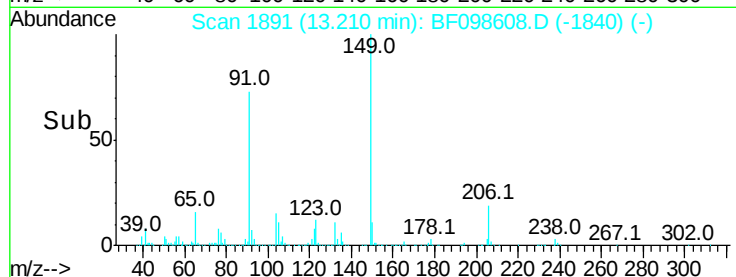
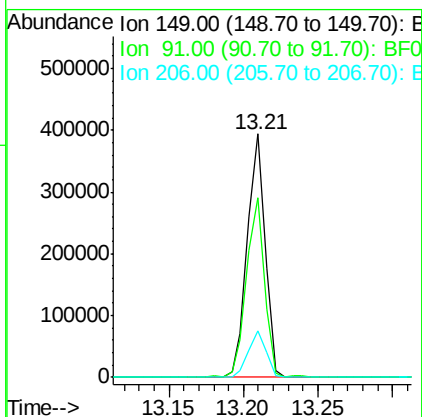
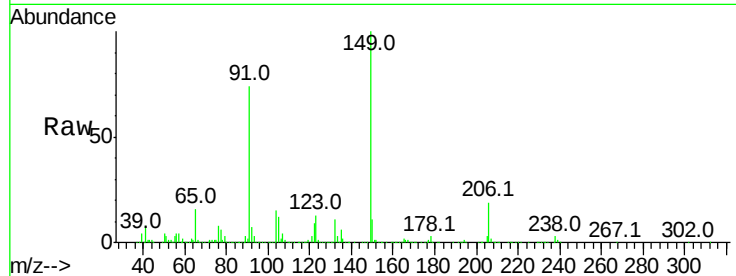




#79
Butylbenzylphthalate
Concen: 44.430 ng
RT: 13.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

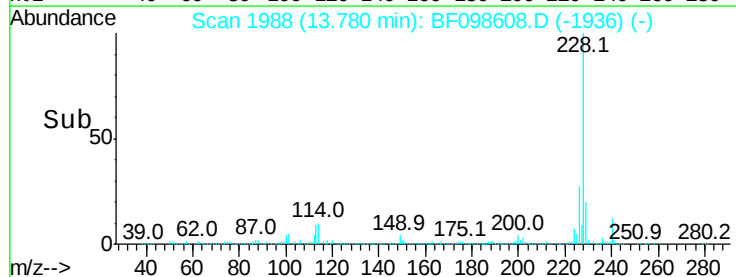
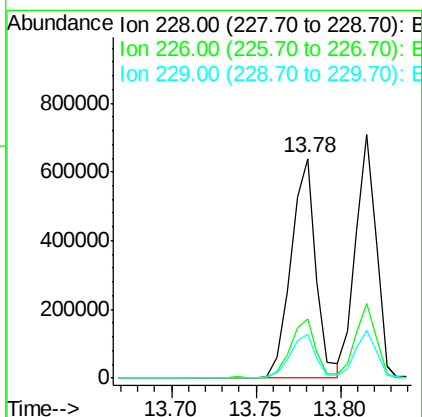
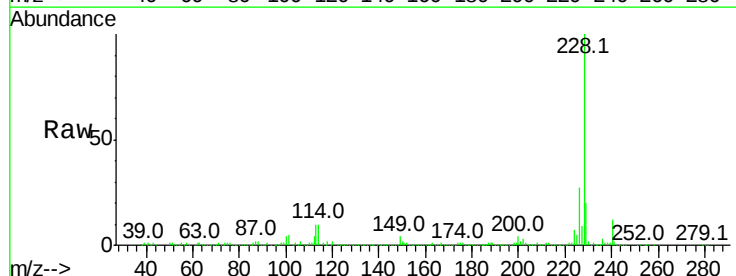
Instrument :
BNA_F
ClientSampled :

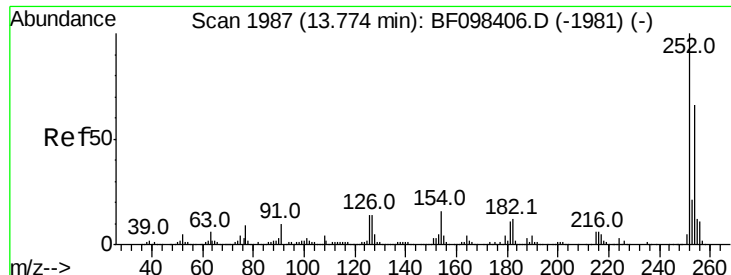
Tot Ion:149 Resp: 327210
Ion Ratio Lower Upper
149 100
91 73.6 45.0 67.4#
206 19.3 17.0 25.6



#80
Benzo(a)anthracene
Concen: 52.007 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF098608.D
Acq: 18 Sep 2017 18:05

Tgt Ion:228 Resp: 656146
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.9 16.3 24.5

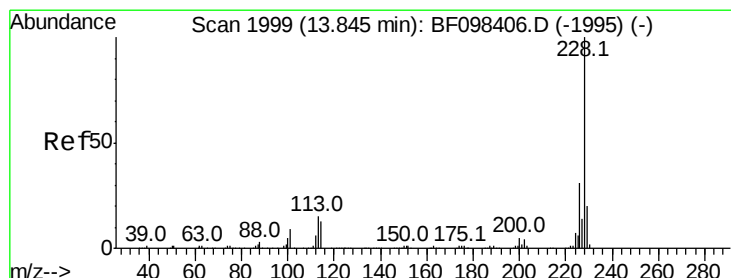
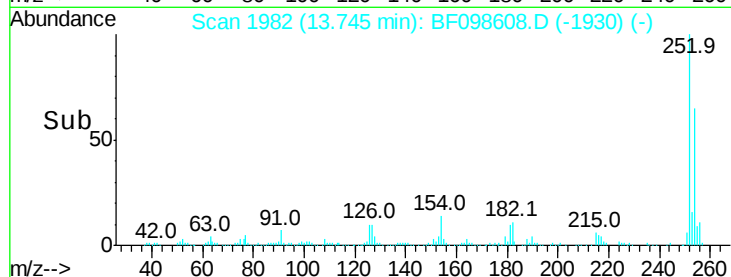
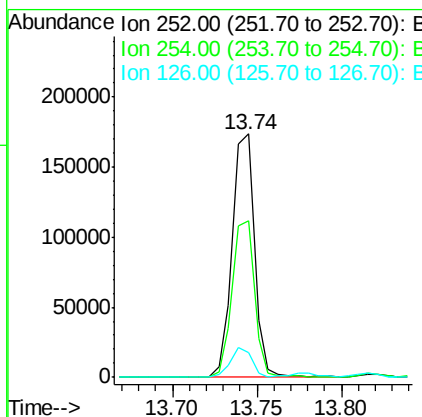
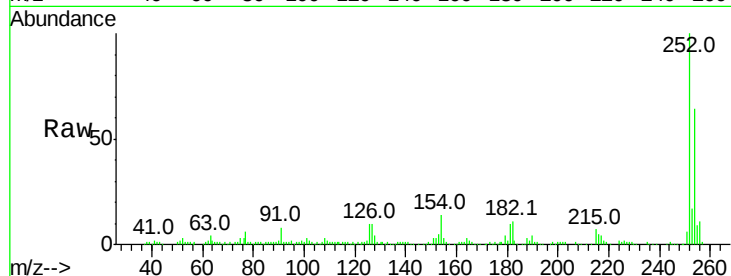




#81
 3,3'-Dichlorobenzidine
 Concen: 32.645 ng
 RT: 13.74 min Scan# 1982
 Delta R.T. 0.01 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

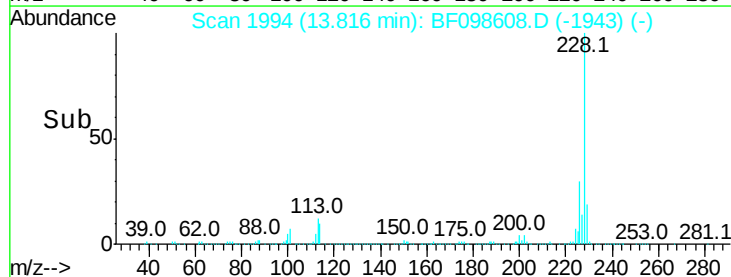
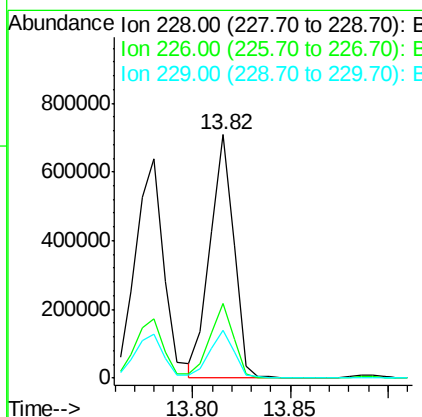
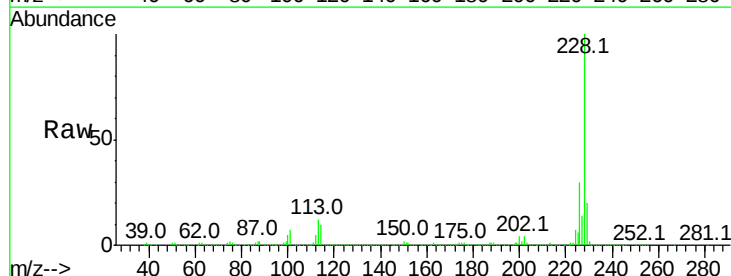
Instrument :
 BNA_F
 ClientSampled :

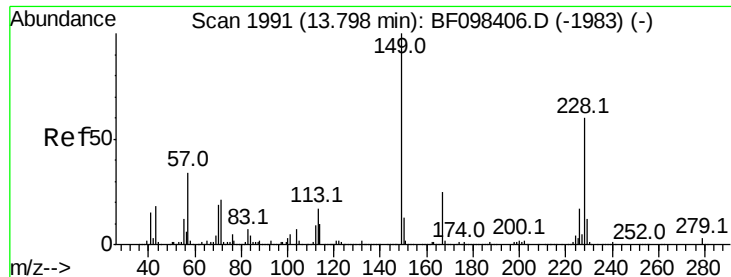
Tot Ion:252 Resp: 160059
 Ion Ratio Lower Upper
 252 100
 254 64.5 51.5 77.3
 126 10.1 15.8 23.8#



#82
 Chrysene
 Concen: 47.025 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Tgt Ion:228 Resp: 599715
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.5 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.603 ng

RT: 13.77 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

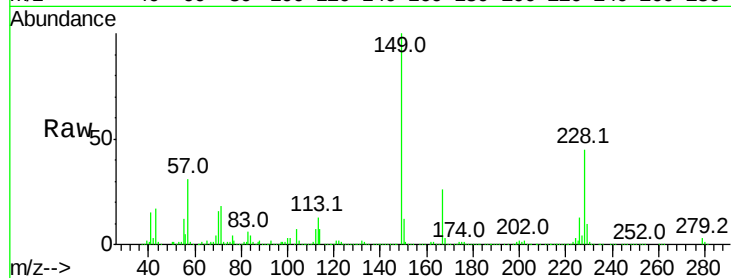
Tot Ion:149 Resp: 467713

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

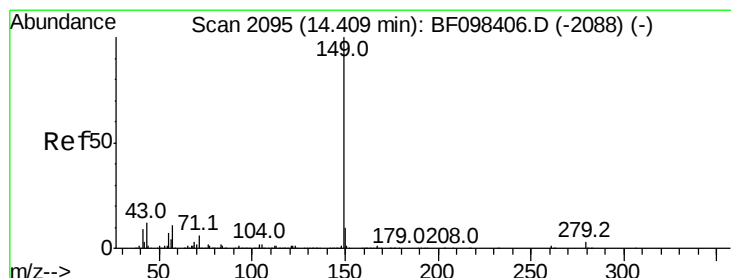
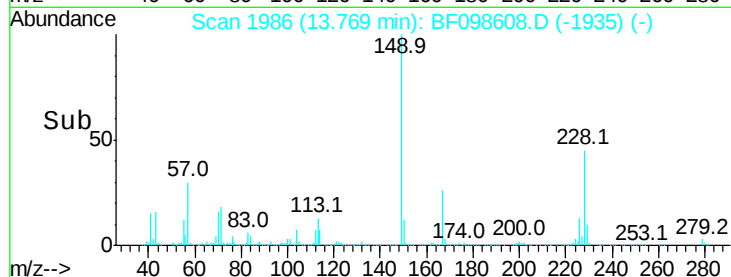
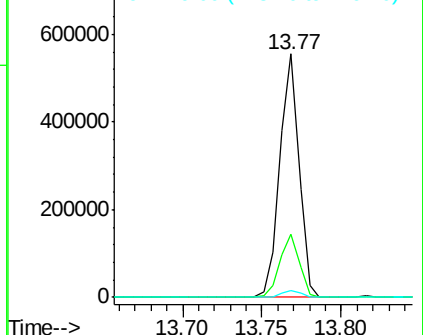
279 2.8 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.635 ng

RT: 14.38 min Scan# 2090

Delta R.T. 0.01 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

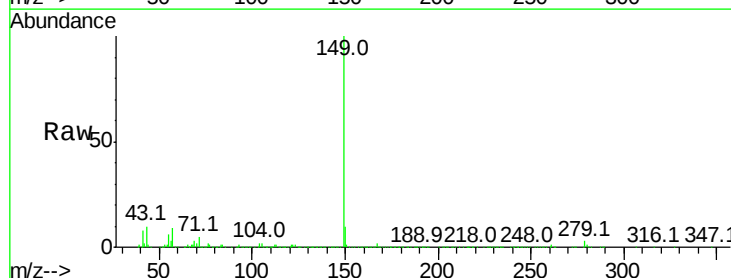
Tgt Ion:149 Resp: 771244

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

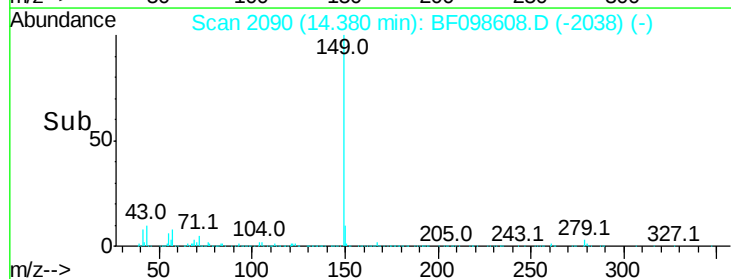
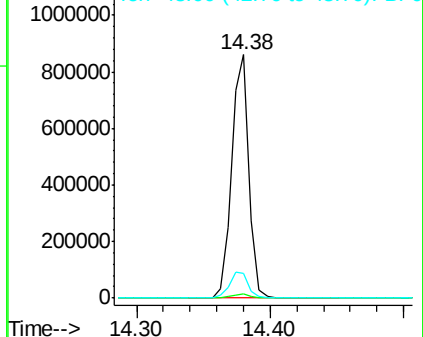
43 11.0 8.5 12.7

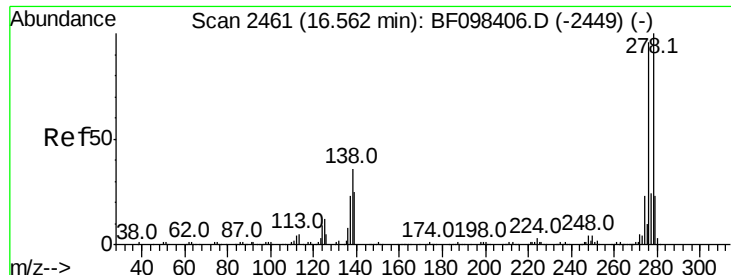


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

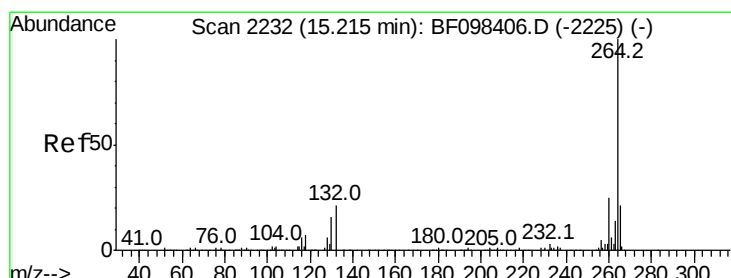
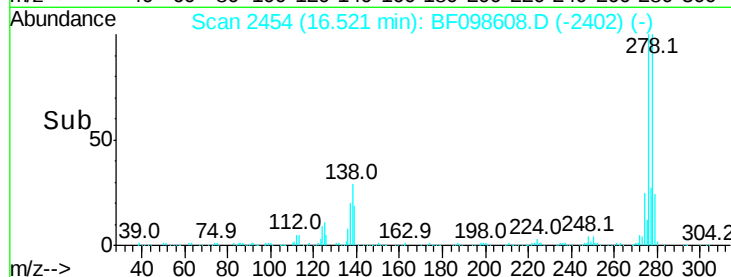
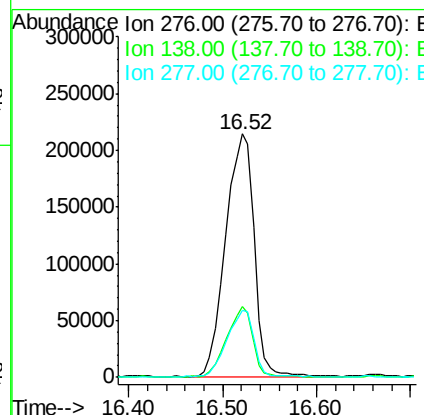
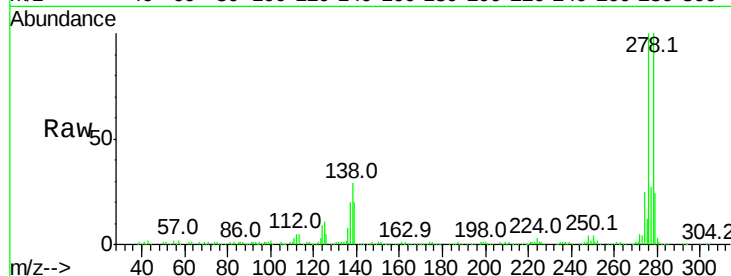




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.586 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. 0.01 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

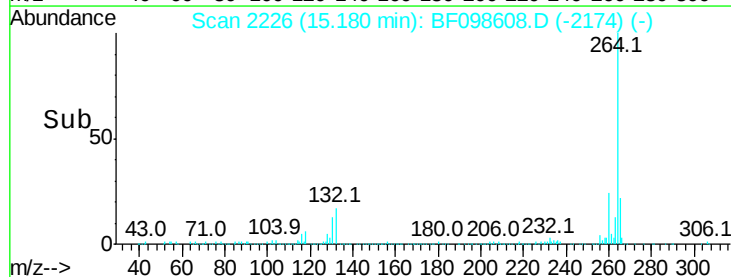
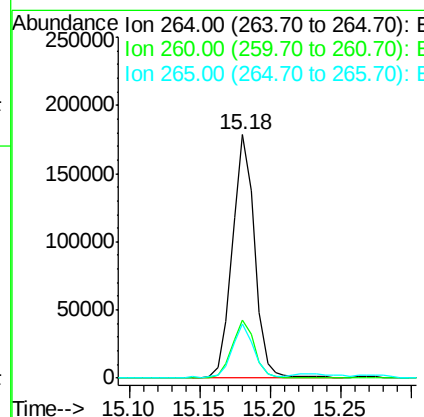
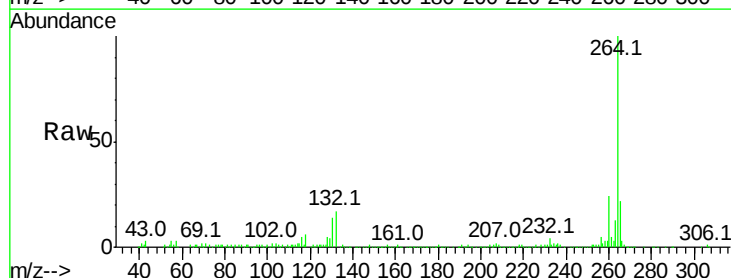
Instrument :
 BNA_F
 ClientSampled :

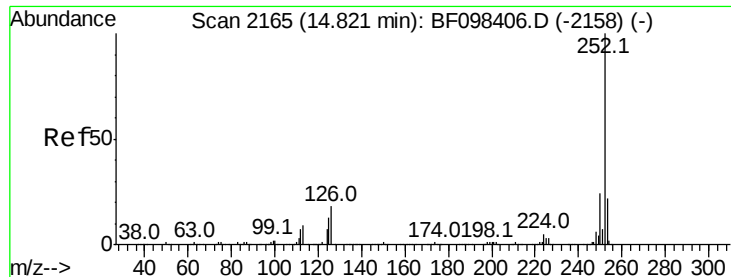
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	27.8	41.6#
277	26.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF098608.D
 Acq: 18 Sep 2017 18:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 53.366 ng

RT: 14.80 min Scan# 2161

Delta R.T. 0.01 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

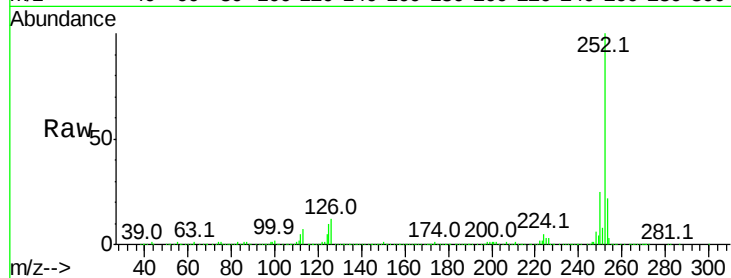
Tot Ion:252 Resp: 658291

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

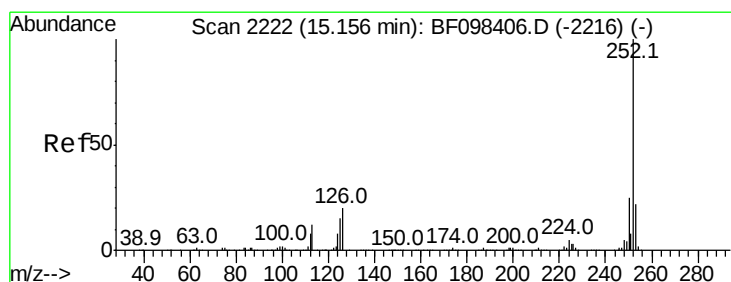
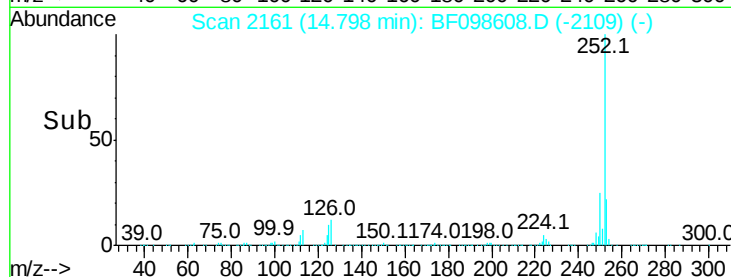
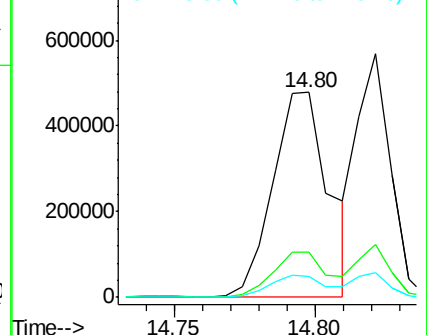
125 10.3 9.8 14.8



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



#89

Benzo(a)pyrene

Concen: 49.103 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

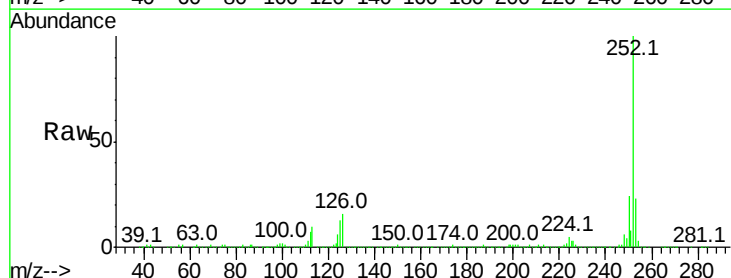
Tgt Ion:252 Resp: 539613

Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

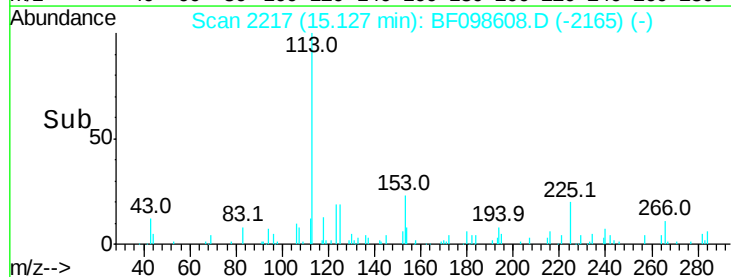
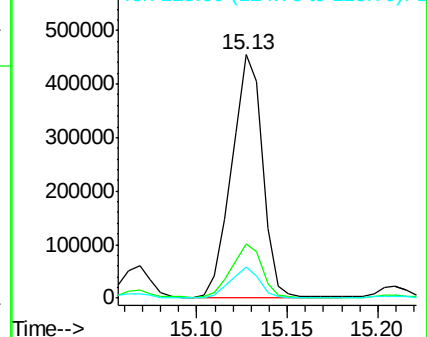
125 12.9 11.0 16.4

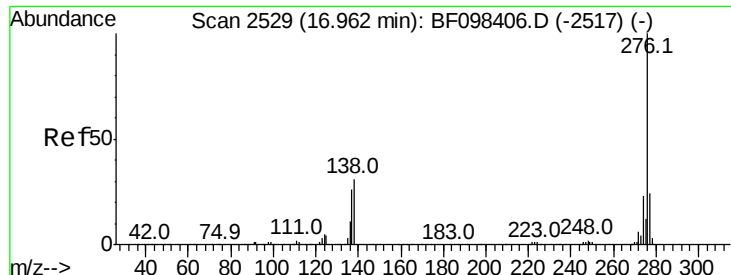


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.178 ng

RT: 16.92 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BF098608.D

Acq: 18 Sep 2017 18:05

Instrument :

BNA_F

ClientSampleId :

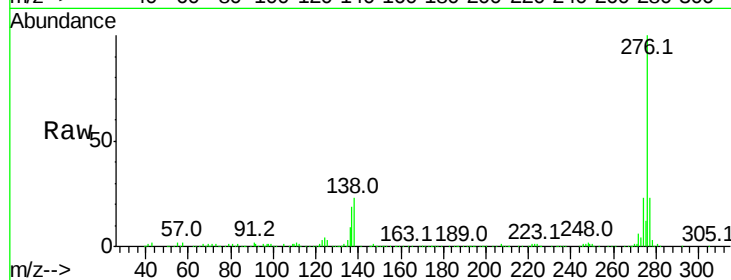
Tot Ion: 276 Resp: 371301

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 23.1 25.4 38.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

