

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098599.D
 Acq On : 18 Sep 2017 13:50
 Operator : SJ/JU
 Sample : PB102369BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 05:32:10 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	117422	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	506228	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	257627	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	506000	20.00	ng	0.00
75) Chrysene-d12	13.79	240	340917	20.00	ng	0.00
86) Perylene-d12	15.18	264	246755	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1033942	130.19	ng	0.02
7) Phenol-d6	6.30	99	1258548	124.81	ng	0.00
23) Nitrobenzene-d5	7.21	82	789041	86.90	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	305564	177.71	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1552708	102.15	ng	0.00
78) Terphenyl-d14	12.74	244	1508544	95.51	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	133179	32.490	ng	# 88
3) Pyridine	3.01	79	338726	31.116	ng	# 80
4) n-Nitrosodimethylamine	2.98	42	186884	35.018	ng	# 89
6) Aniline	6.30	93	406620	32.144	ng	# 21
8) 2-Chlorophenol	6.43	128	369585	42.321	ng	# 98
9) Benzaldehyde	6.19	77	130134	19.742	ng	# 97
10) Phenol	6.31	94	460278	39.299	ng	# 85
11) bis(2-Chloroethyl)ether	6.38	93	335053	37.943	ng	# 95
12) 1,3-Dichlorobenzene	6.57	146	374376	42.591	ng	# 99
13) 1,4-Dichlorobenzene	6.65	146	380211	42.229	ng	# 95
14) 1,2-Dichlorobenzene	6.80	146	347104	42.315	ng	# 97
15) Benzyl Alcohol	6.79	79	326674	48.679	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	6.92	45	534042	36.756	ng	# 20
17) 2-Methylphenol	6.91	107	307720	43.212	ng	# 86
18) Hexachloroethane	7.14	117	143737	41.686	ng	# 89
19) n-Nitroso-di-n-propylamine	7.06	70	268692	42.363	ng	# 97
20) 3+4-Methylphenols	7.07	107	413124	45.971	ng	# 67
22) Acetophenone	7.05	105	530394	40.538	ng	# 91
24) Nitrobenzene	7.23	77	399993	38.672	ng	# 98
25) Isophorone	7.47	82	726118	39.523	ng	# 97
26) 2-Nitrophenol	7.54	139	197265	47.236	ng	# 77
27) 2,4-Dimethylphenol	7.59	122	339276	42.618	ng	# 94
28) bis(2-Chloroethoxy)methane	7.68	93	455887	40.667	ng	# 99
29) 2,4-Dichlorophenol	7.79	162	318126	48.048	ng	# 98
30) 1,2,4-Trichlorobenzene	7.86	180	333508	46.306	ng	# 99
31) Naphthalene	7.94	128	1086479	43.415	ng	# 99
32) Benzoic acid	7.76	122	219291	42.215	ng	# 95
33) 4-Chloroaniline	8.00	127	356352	35.037	ng	# 99
34) Hexachlorobutadiene	8.05	225	178777	48.352	ng	# 99
35) Caprolactam	8.46	113	46036	20.163	ng	# 91
36) 4-Chloro-3-methylphenol	8.50	107	375624	45.746	ng	# 85
37) 2-Methylnaphthalene	8.63	142	734731	48.469	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	328283	40.908	ng	# 99
40) Hexachlorocyclopentadiene	8.78	237	190008	80.747	ng	# 99

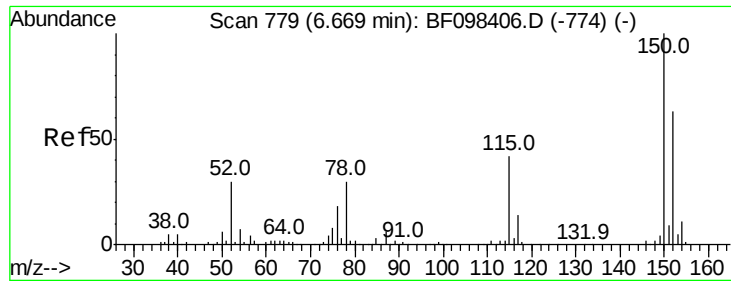
Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	218271	46.306	nq	94
43) 2,4,5-Trichlorophenol	8.97	196	227957	46.269	nq	96
45) 1,1'-Biphenyl	9.10	154	921701	39.971	nq	99
46) 2-Chloronaphthalene	9.12	162	694934	42.198	nq	# 92
47) 2-Nitroaniline	9.23	65	256030	40.506	nq	92
48) Acenaphthylene	9.53	152	1035489	42.289	nq	99
49) Dimethylphthalate	9.41	163	894173	44.838	nq	98
50) 2,6-Dinitrotoluene	9.47	165	190625	46.535	nq	# 74
51) Acenaphthene	9.70	154	668713	42.963	nq	97
52) 3-Nitroaniline	9.65	138	164425	33.251	nq	98
53) 2,4-Dinitrophenol	9.76	184	179924	91.542	nq	# 81
54) Dibenzofuran	9.88	168	968365	47.226	nq	98
55) 4-Nitrophenol	9.83	139	214385	75.461	nq	# 42
56) 2,4-Dinitrotoluene	9.89	165	250543	50.308	nq	# 84
57) Fluorene	10.22	166	778830	45.889	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	190009	57.386	nq	94
59) Diethylphthalate	10.10	149	887615	46.801	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	389031	49.626	nq	93
61) 4-Nitroaniline	10.27	138	194115	38.871	nq	84
62) Azobenzene	10.37	77	850151	41.590	nq	94
64) 4,6-Dinitro-2-methylphenol	10.30	198	139440	45.247	nq	# 72
65) n-Nitrosodiphenylamine	10.34	169	706096	42.976	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	232390	48.390	nq	98
67) Hexachlorobenzene	10.77	284	223708	45.924	nq	# 88
68) Atrazine	10.87	200	242191	47.881	nq	99
69) Pentachlorophenol	10.97	266	179947	83.152	nq	95
70) Phenanthrene	11.18	178	1190890	44.395	nq	98
71) Anthracene	11.23	178	1223653	44.431	nq	98
72) Carbazole	11.39	167	1048185	40.838	nq	100
73) Di-n-butylphthalate	11.72	149	1421981	46.239	nq	99
74) Fluoranthene	12.36	202	1210892	45.093	nq	98
76) Benzidine	12.49	184	492167	32.620	nq	# 93
77) Pyrene	12.59	202	1212731	45.093	nq	100
79) Butylbenzylphthalate	13.21	149	584663	50.112	nq	# 79
80) Benzo(a)anthracene	13.78	228	905912	45.324	nq	98
81) 3,3'-Dichlorobenzidine	13.74	252	270417	34.814	nq	# 95
82) Chrysene	13.82	228	875719	43.344	nq	98
83) Bis(2-ethylhexyl)phthalate	13.77	149	799631	54.610	nq	# 100
84) Di-n-octyl phthalate	14.38	149	1305640	51.971	nq	100
85) Indeno(1,2,3-cd)pyrene	16.52	276	589715	41.603	nq	93
87) Benzo(b)fluoranthene	14.79	252	703700	45.355	nq	98
88) Benzo(k)fluoranthene	14.82	252	673251	46.481	nq	# 93
89) Benzo(a)pyrene	15.13	252	643009	46.519	nq	98
90) Dibenzo(a,h)anthracene	16.52	278	500036	49.730	nq	98
91) Benzo(g,h,i)perylene	16.92	276	484465	47.903	nq	# 91

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

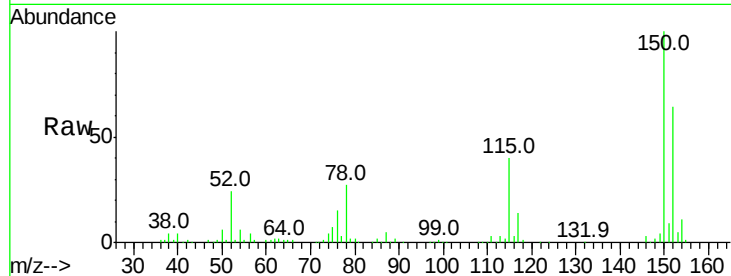


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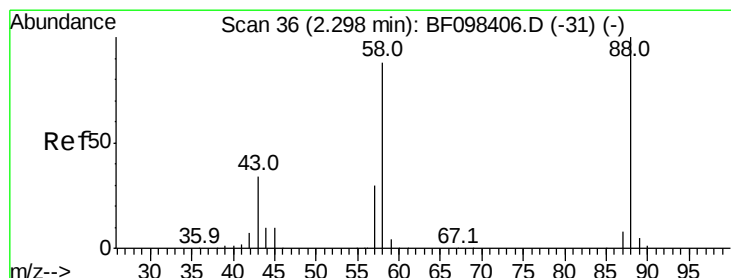
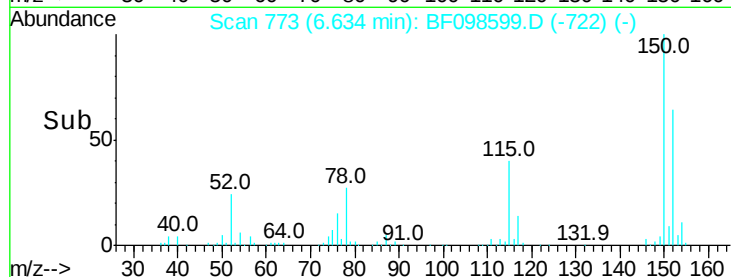
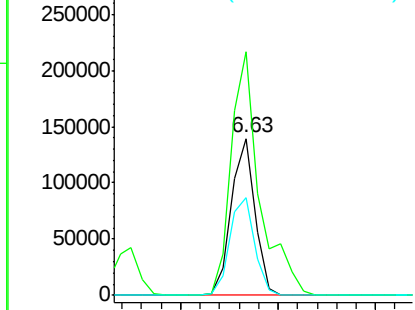
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117422
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 61.9 52.2 78.2



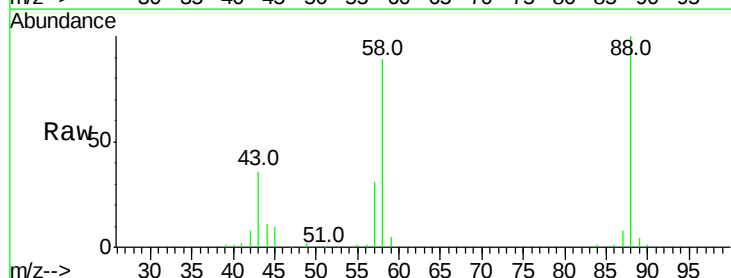
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



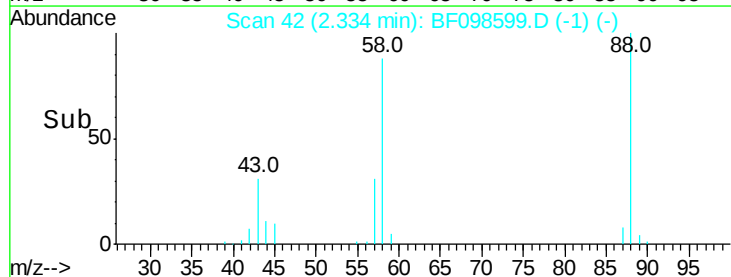
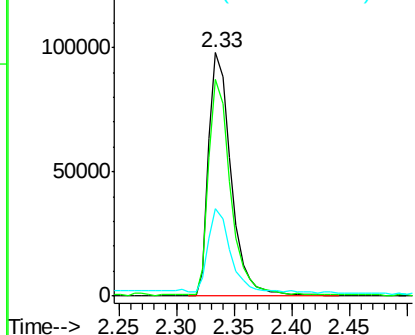
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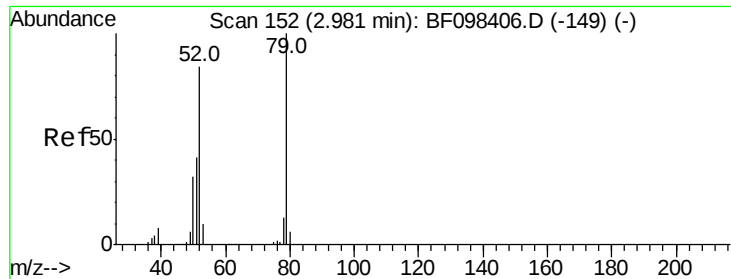
1,4-Dioxane
Concen: 32.490 ng
RT: 2.33 min Scan# 42
Delta R.T. 0.09 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion: 88 Resp: 133179
Ion Ratio Lower Upper
88 100
58 86.8 61.4 92.0
43 35.4 23.4 35.0#



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

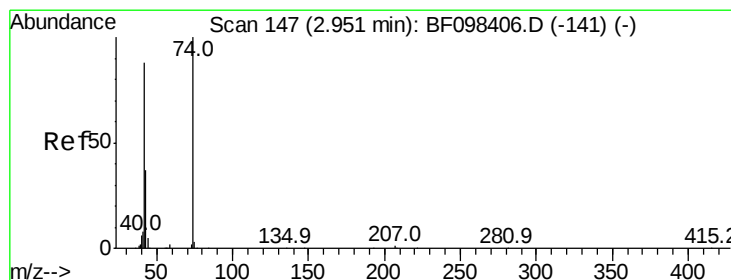
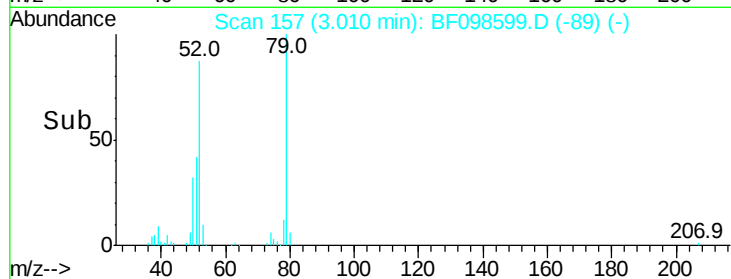
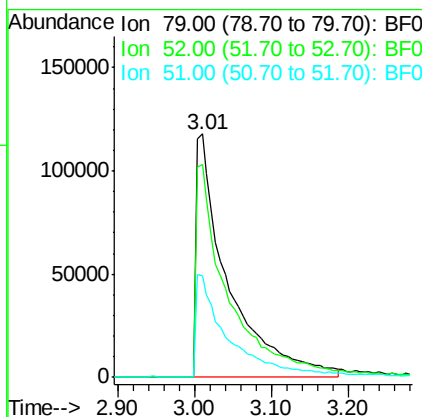
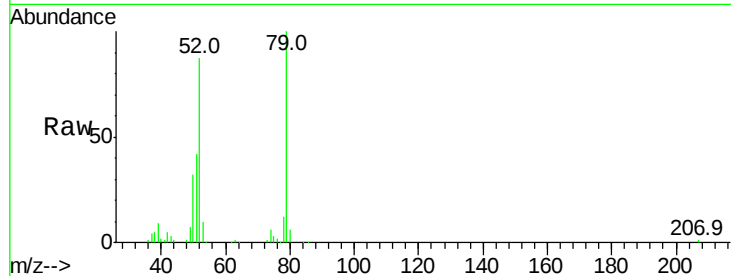




#3
 Pvridine
 Concen: 31.116 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.10 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

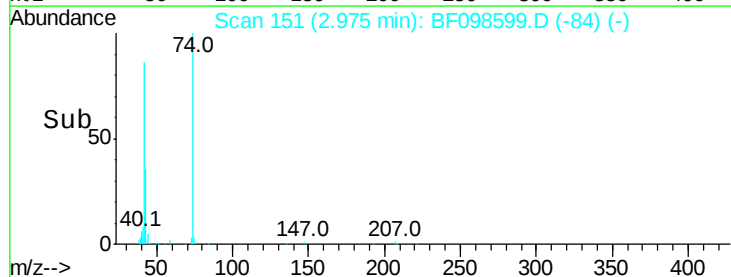
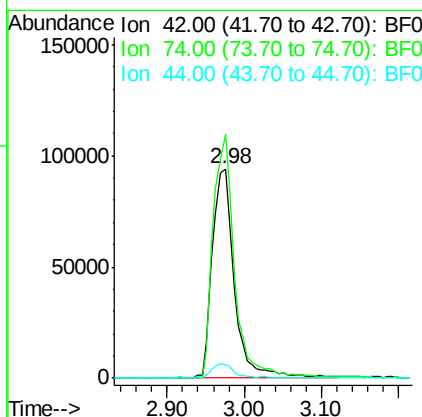
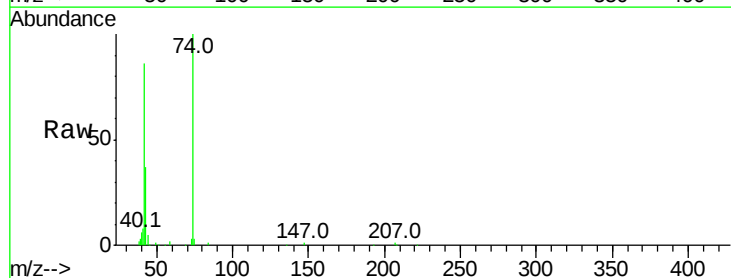
Instrument :
 BNA_F
 ClientSampled :

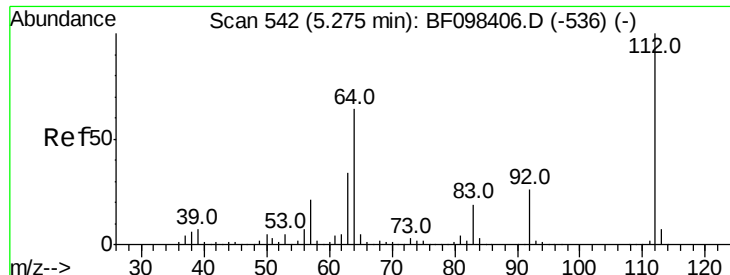
Tot Ion: 79 Resp: 338726
 Ion Ratio Lower Upper
 79 100
 52 87.4 54.8 82.2#
 51 41.6 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 35.018 ng
 RT: 2.98 min Scan# 151
 Delta R.T. 0.09 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion: 42 Resp: 186884
 Ion Ratio Lower Upper
 42 100
 74 116.2 103.9 155.9
 44 6.1 5.7 8.5





#5

2-Fluorophenol

Concen: 130.189 ng

RT: 5.26 min Scan# 539

Delta R.T. 0.02 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampled :

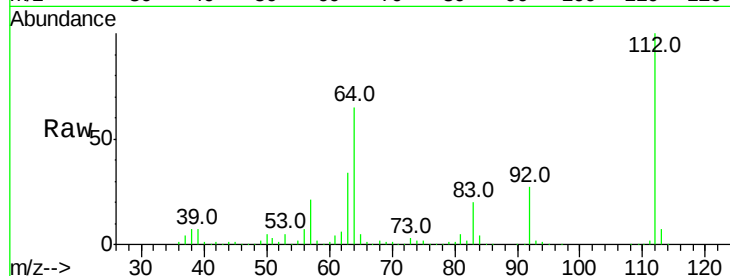
Tot Ion:112 Resp: 1033942

Ion Ratio Lower Upper

112 100

64 64.8 46.0 69.0

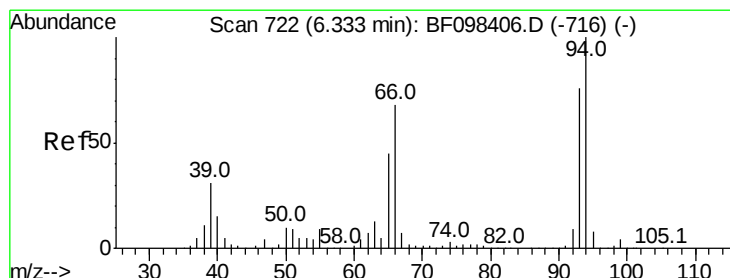
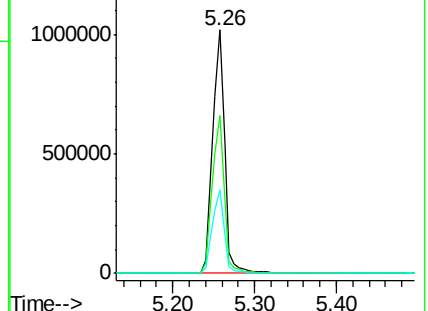
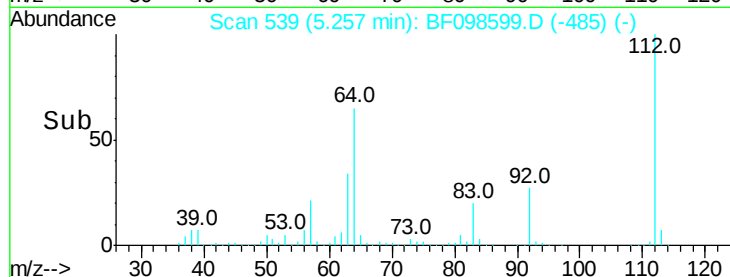
63 34.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.144 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

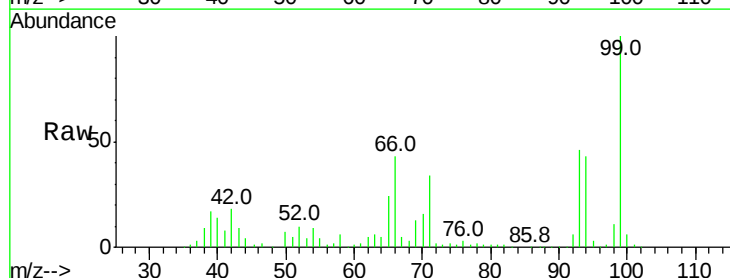
Tgt Ion: 93 Resp: 406620

Ion Ratio Lower Upper

93 100

66 93.6 32.9 49.3#

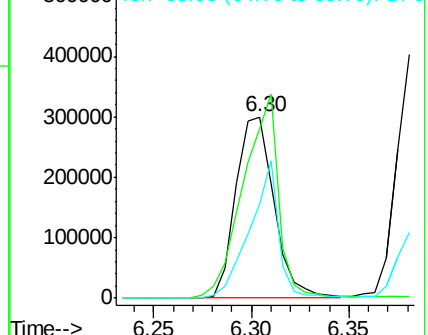
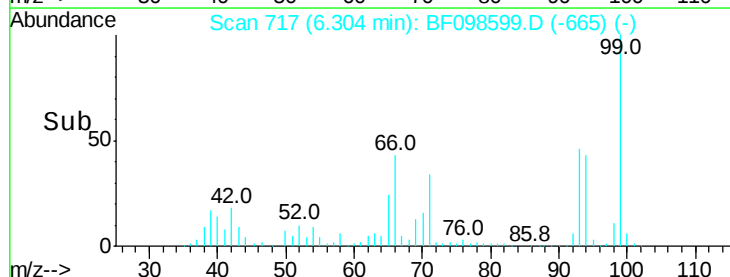
65 51.8 16.0 24.0#

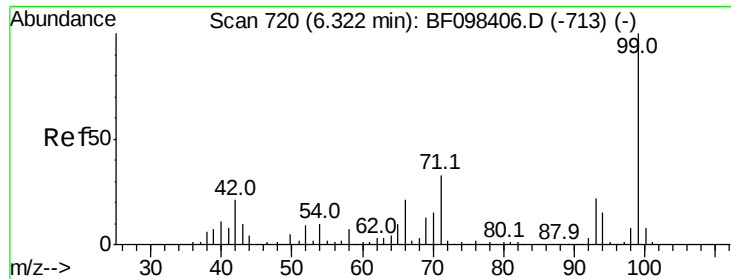


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.813 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

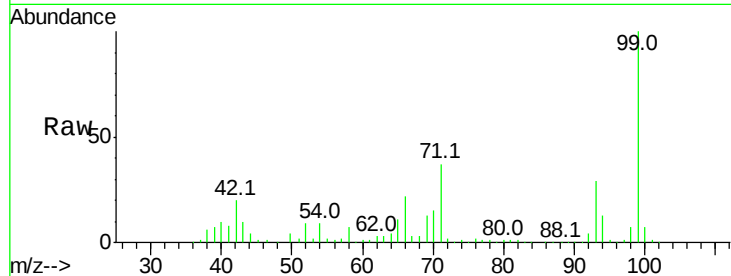
Tot Ion: 99 Resp: 1258548

Ion Ratio Lower Upper

99 100

42 20.5 13.5 20.3#

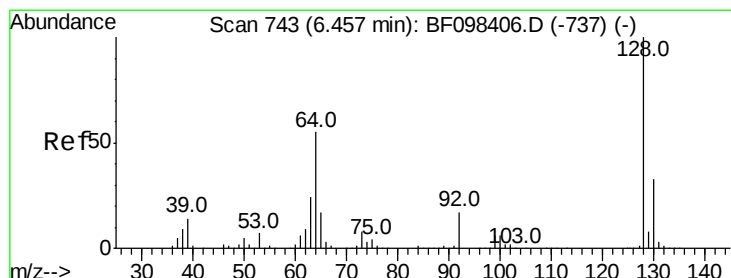
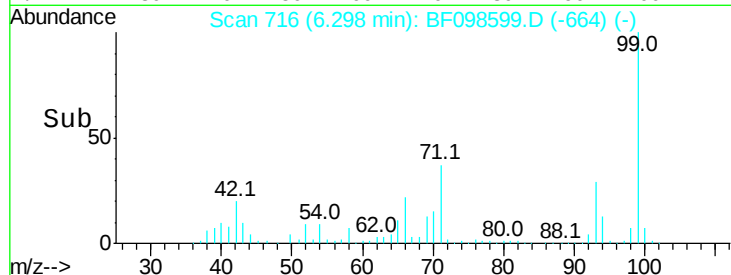
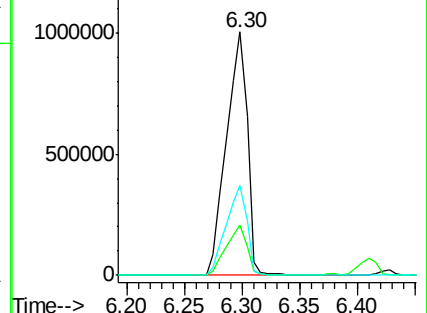
71 36.9 24.5 36.7#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.321 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

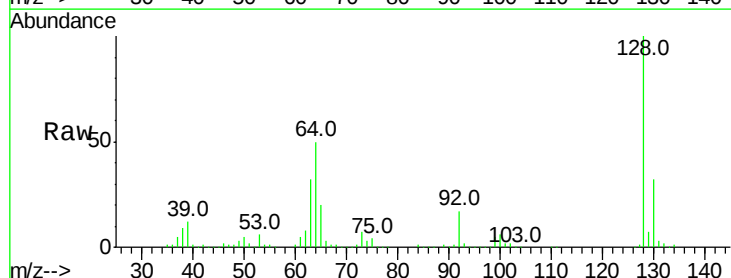
Tgt Ion:128 Resp: 369585

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

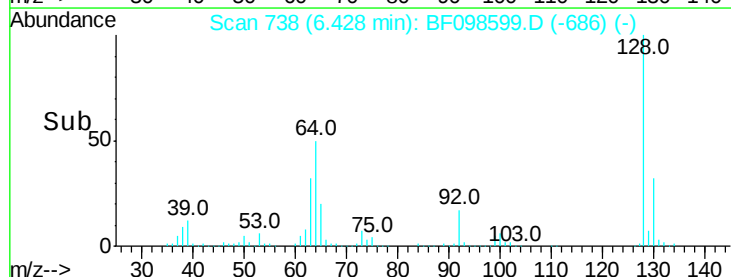
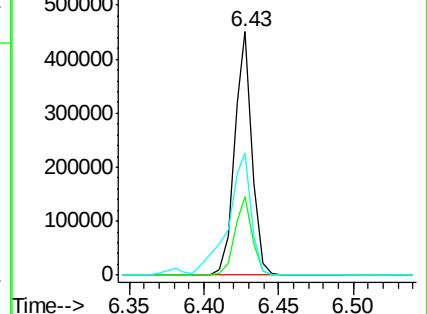
64 50.0 28.4 68.4

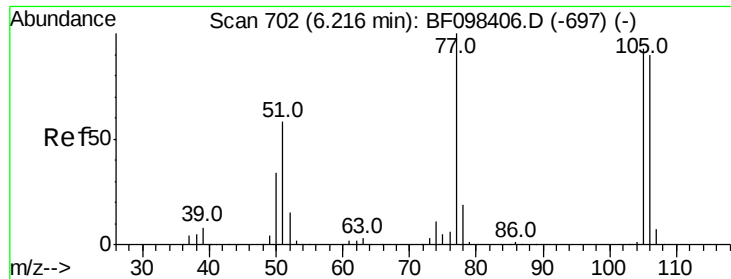


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.742 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :

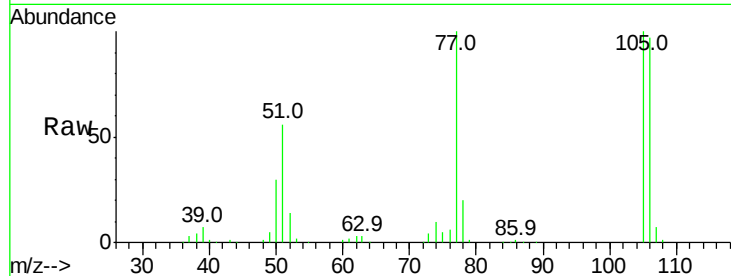
Tot Ion: 77 Resp: 130134

Ion Ratio Lower Upper

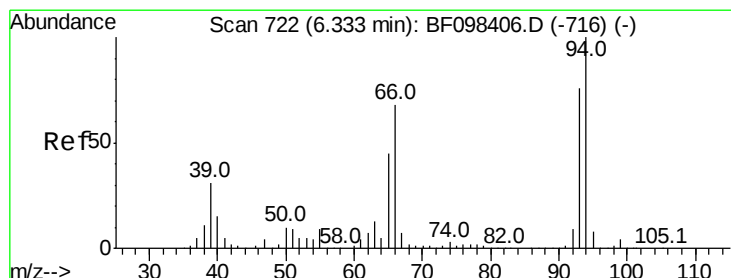
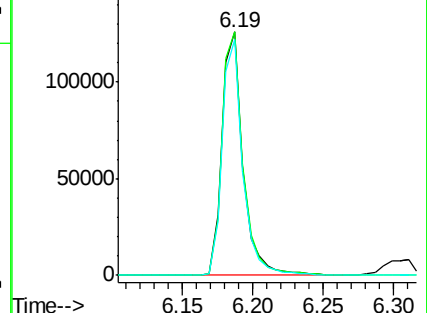
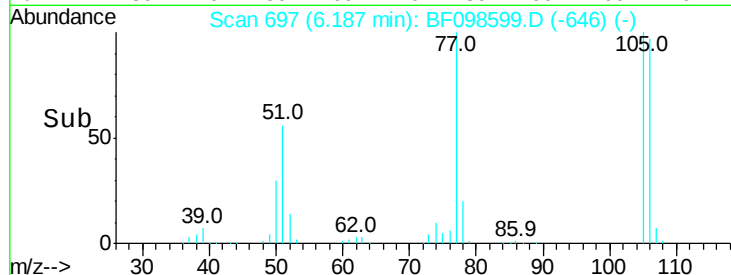
77 100

105 99.9 83.8 123.8

106 97.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.299 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

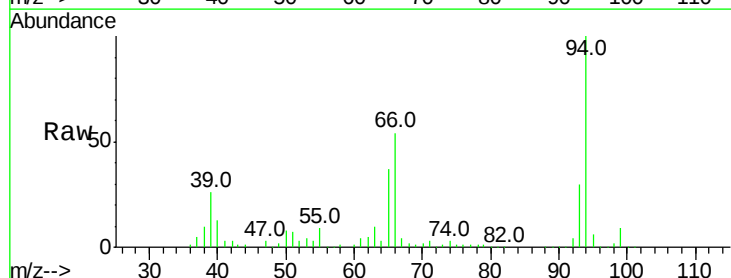
Tgt Ion: 94 Resp: 460278

Ion Ratio Lower Upper

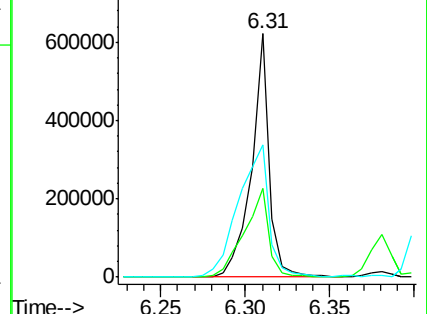
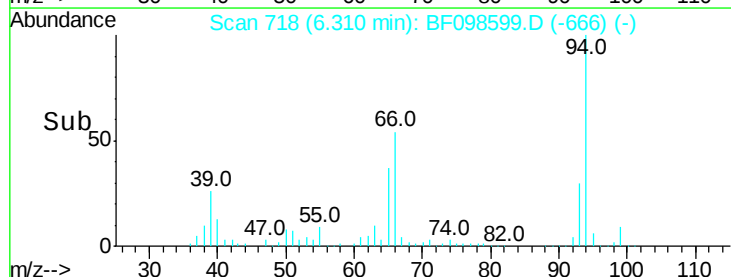
94 100

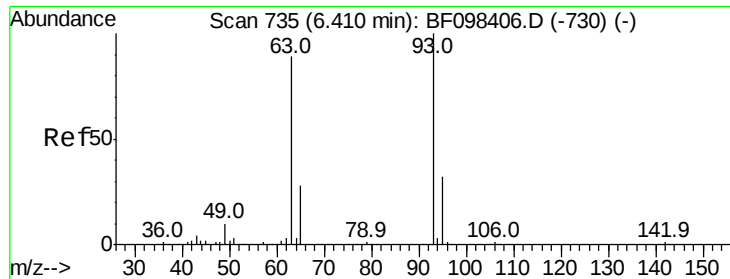
65 36.7 9.9 49.9

66 54.2 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.943 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

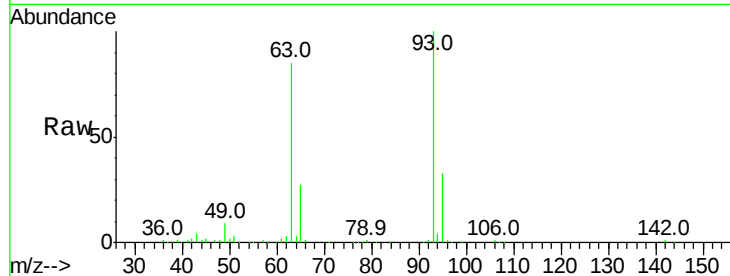
Tot Ion: 93 Resp: 335053

Ion Ratio Lower Upper

93 100

63 84.9 59.2 99.2

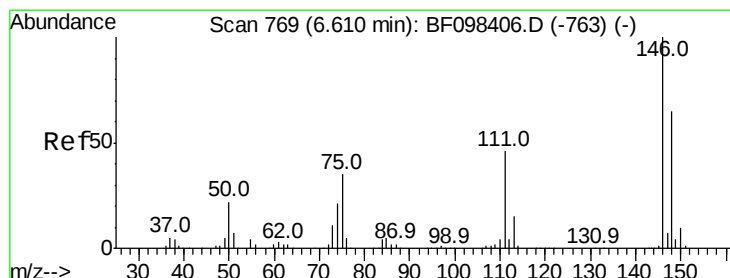
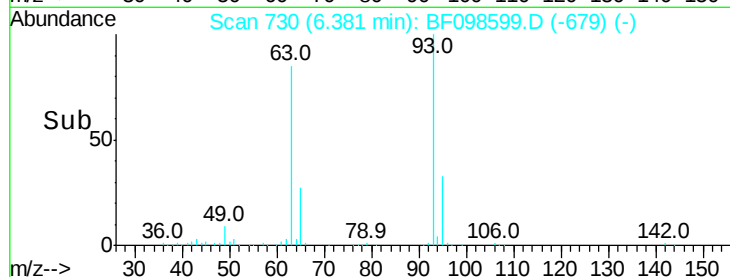
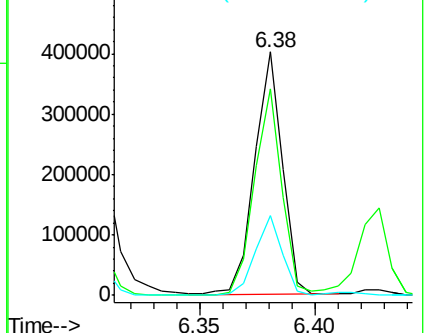
95 32.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.591 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

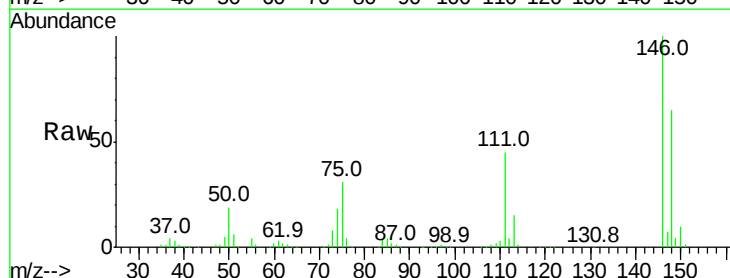
Tgt Ion: 146 Resp: 374376

Ion Ratio Lower Upper

146 100

148 64.7 51.8 77.6

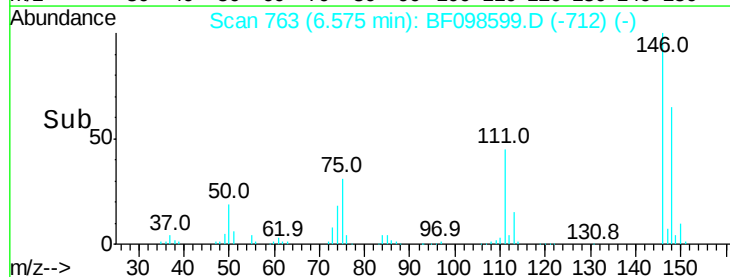
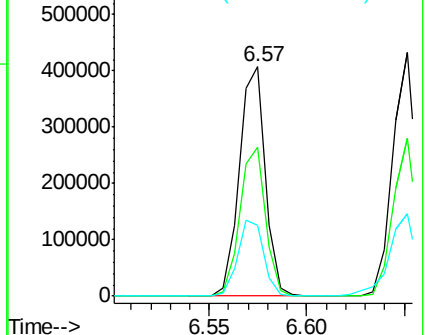
75 31.1 23.1 34.7

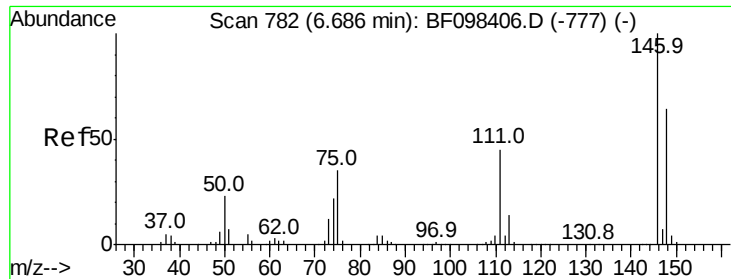


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

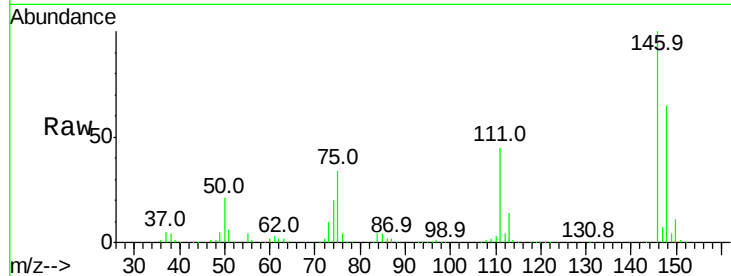




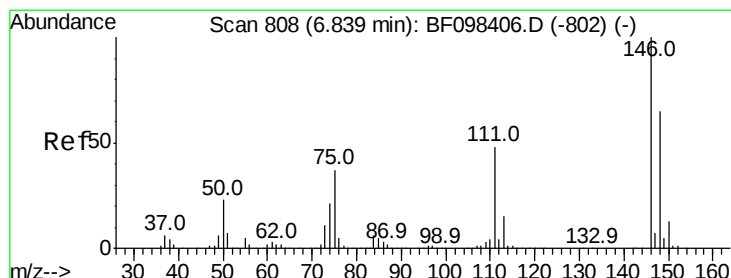
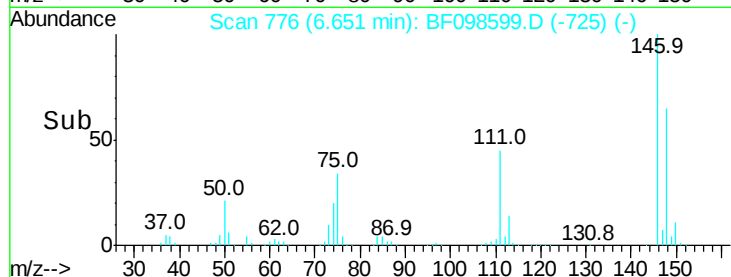
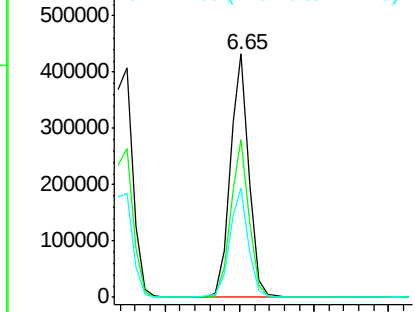
#13
 1,4-Dichlorobenzene
 Concen: 42.229 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 380211
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.2
 111 44.6 30.3 45.5

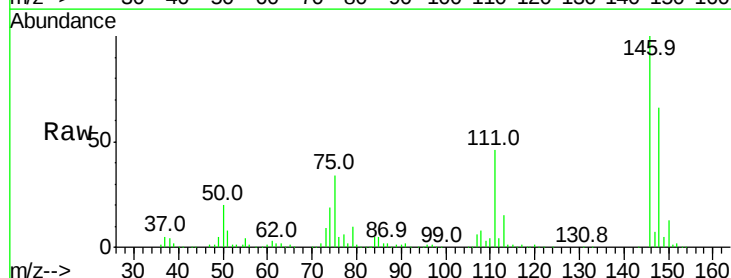


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

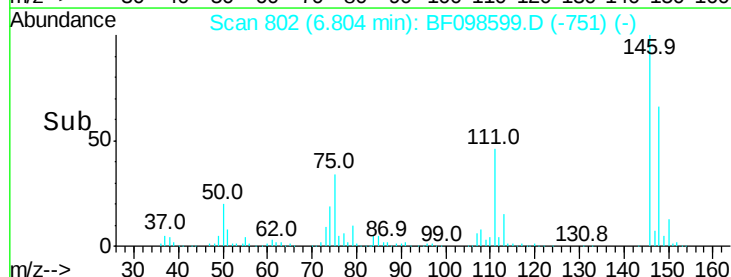
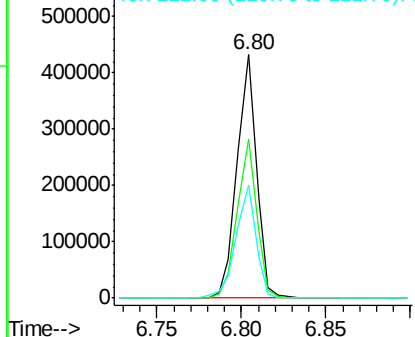


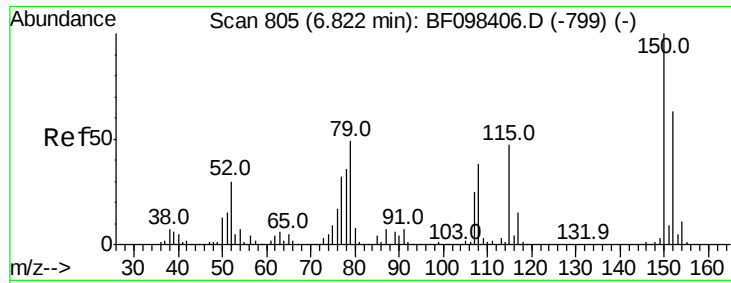
#14
 1,2-Dichlorobenzene
 Concen: 42.315 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion:146 Resp: 347104
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.4 75.6
 111 46.3 38.2 57.4



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

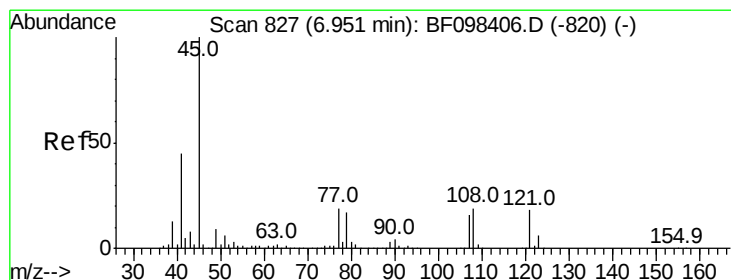
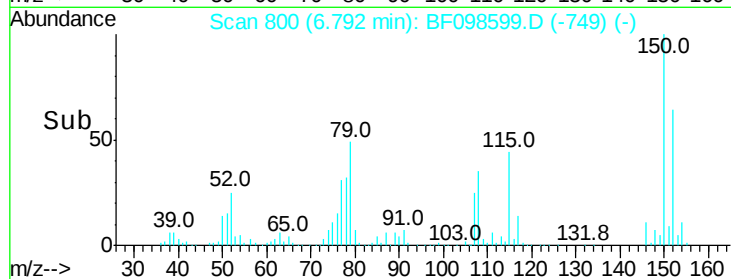
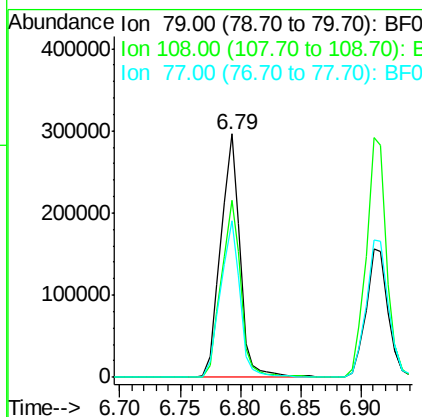
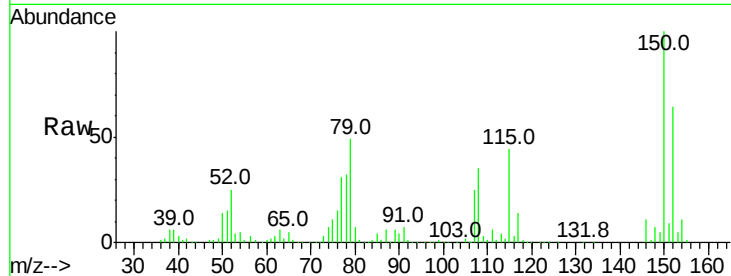




#15
Benzyl Alcohol
Concen: 48.679 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

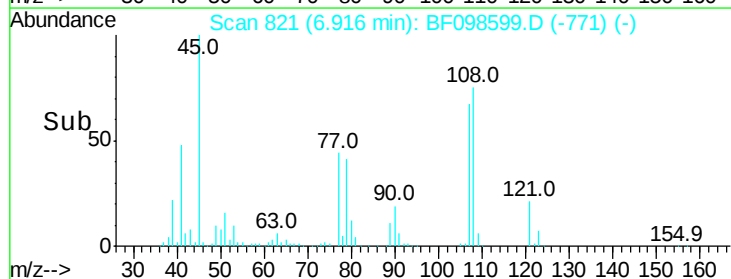
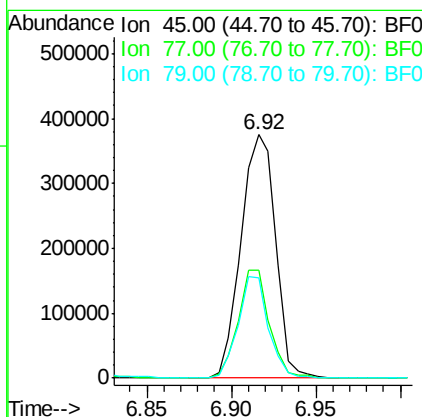
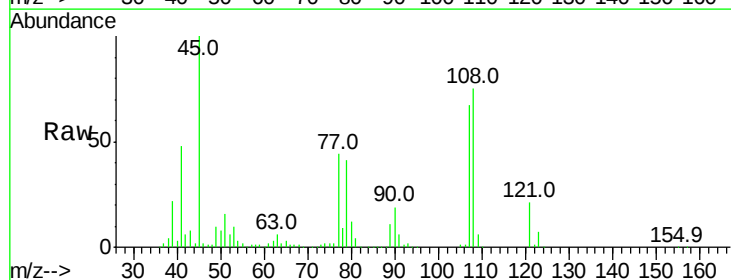
Instrument :
BNA_F
ClientSampled :

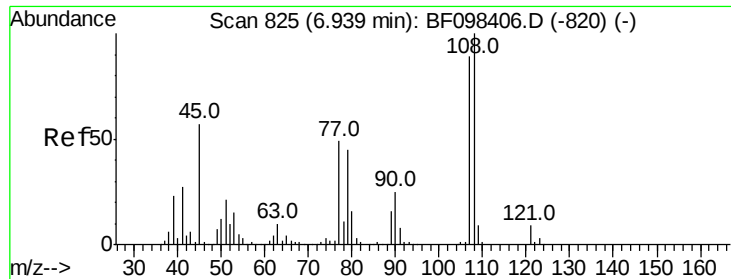
Tot Ion: 79 Resp: 326674
Ion Ratio Lower Upper
79 100
108 72.8 63.4 95.0
77 64.4 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.756 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion: 45 Resp: 534042
Ion Ratio Lower Upper
45 100
77 44.3 0.0 33.2#
79 41.0 0.0 30.0#

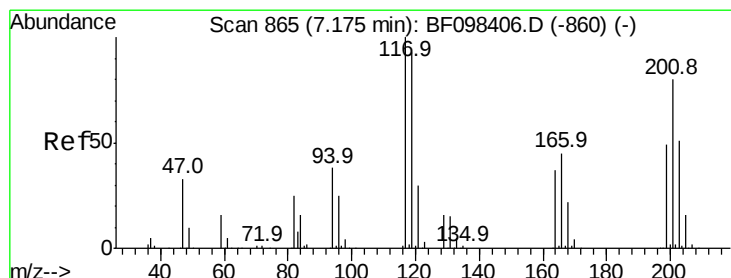
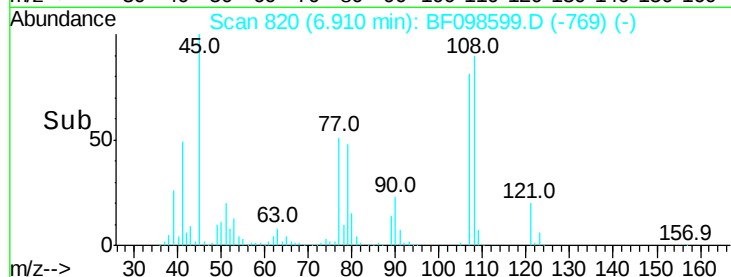
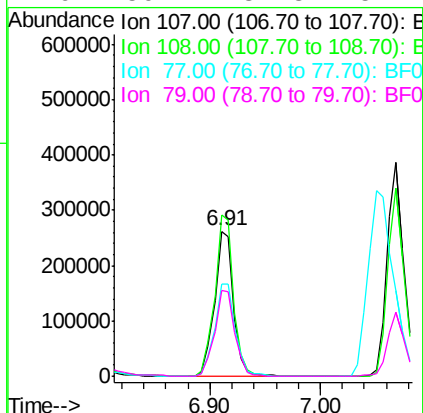
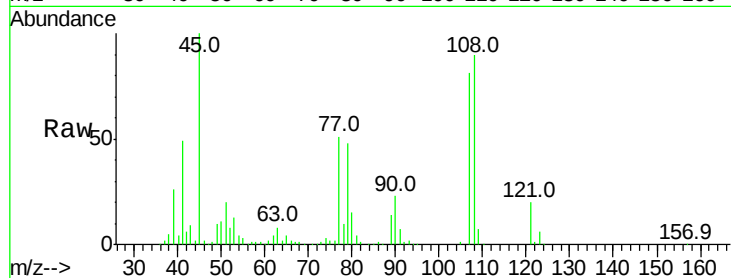




#17
2-Methylphenol
Concen: 43.212 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

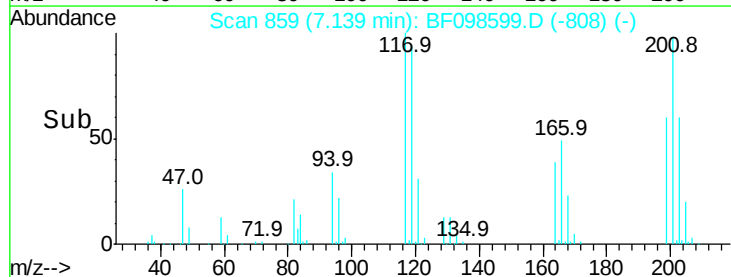
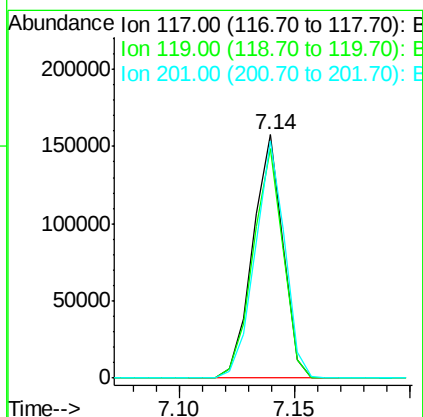
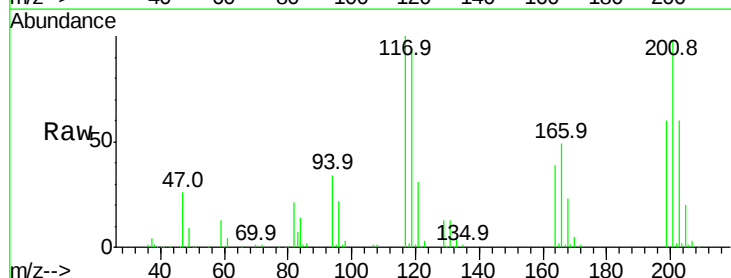
Instrument :
BNA_F
ClientSampled :

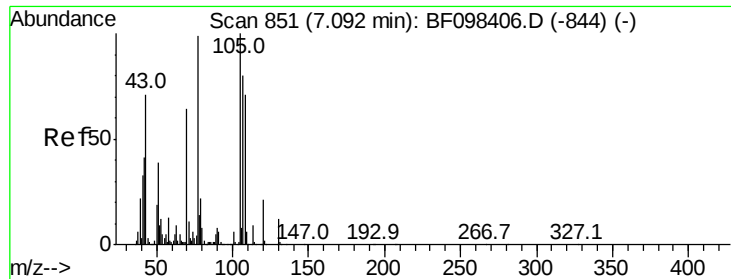
Tot Ion:107 Resp: 307720
Ion Ratio Lower Upper
107 100
108 111.7 93.4 140.0
77 63.7 35.8 53.6#
79 59.7 34.8 52.2#



#18
Hexachloroethane
Concen: 41.686 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion:117 Resp: 143737
Ion Ratio Lower Upper
117 100
119 94.4 77.4 116.0
201 97.6 94.6 141.8

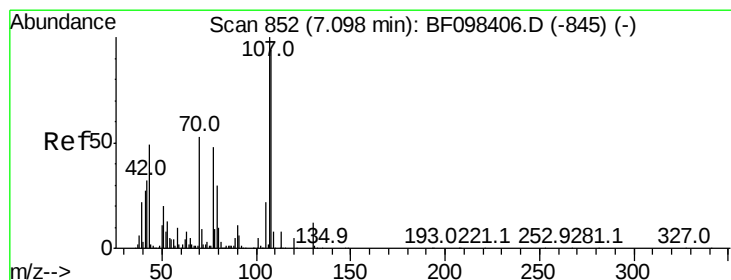
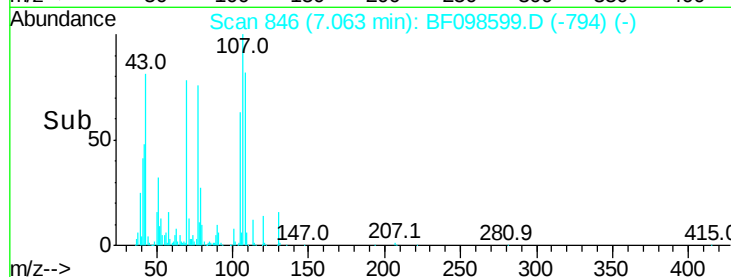
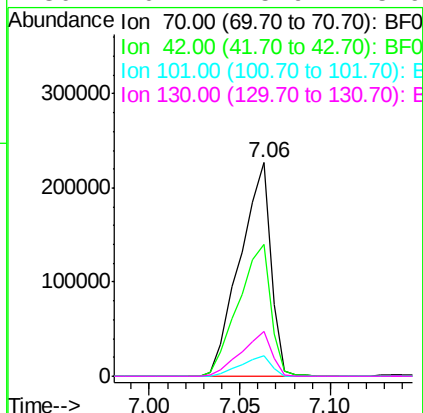
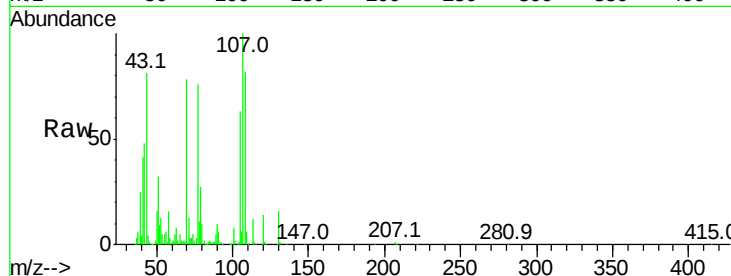




#19
n-Nitroso-di-n-propylamine
Concen: 42.363 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

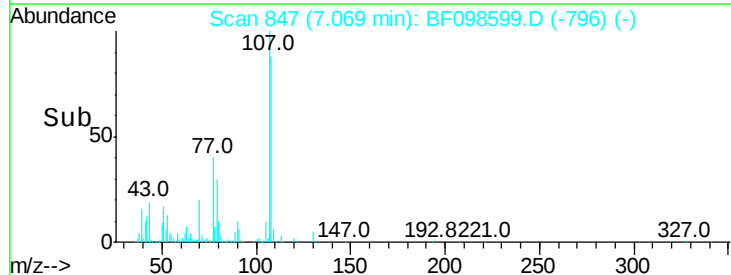
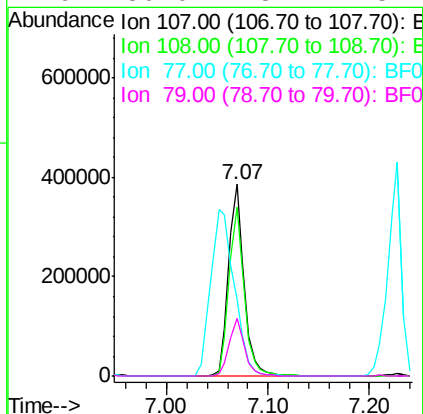
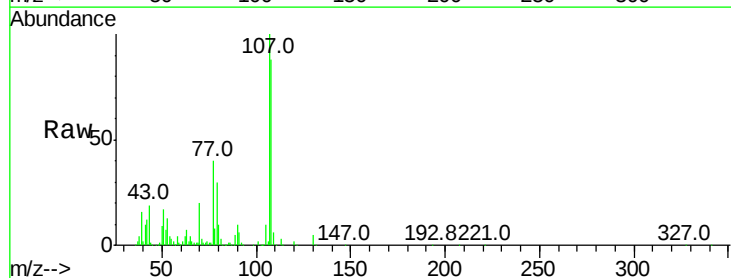
Instrument :
BNA_F
ClientSampleId :

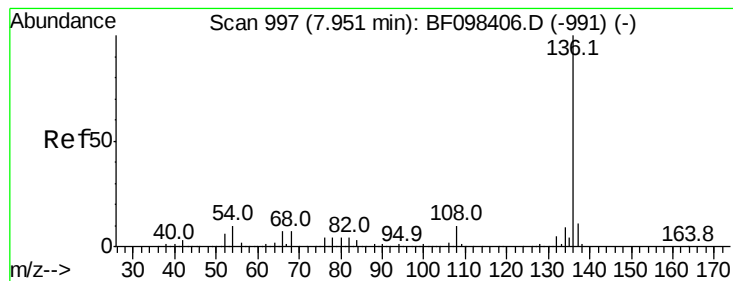
Tot Ion: 70 Resp: 268692
Ion Ratio Lower Upper
70 100
42 61.8 47.2 70.8
101 9.8 7.2 10.8
130 20.7 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.971 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion: 107 Resp: 413124
Ion Ratio Lower Upper
107 100
108 88.2 71.0 111.0
77 40.1 90.5 130.5#
79 30.0 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

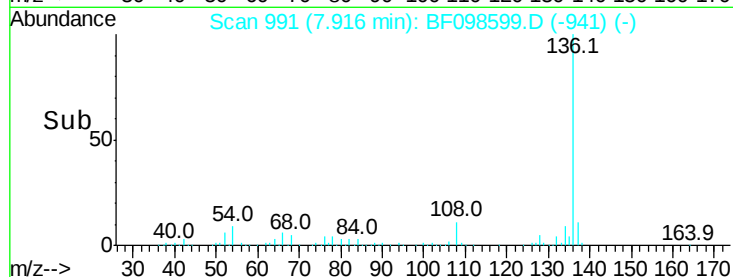
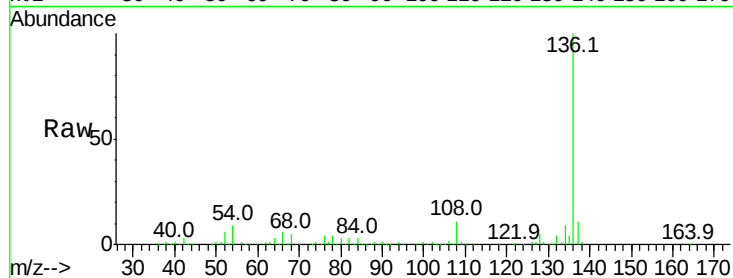
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 506228

Ion Ratio Lower Upper

136	100		
137	10.8	8.5	12.7
54	9.2	4.9	7.3#
68	5.2	4.1	6.1

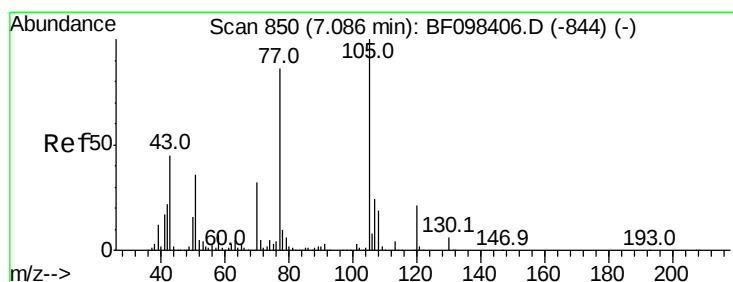
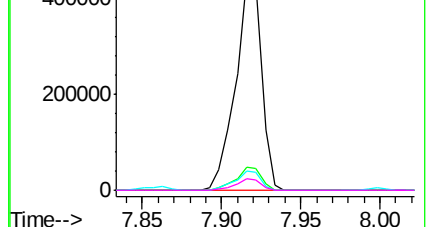


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.538 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

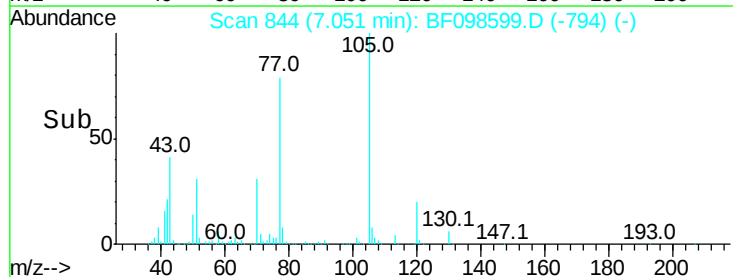
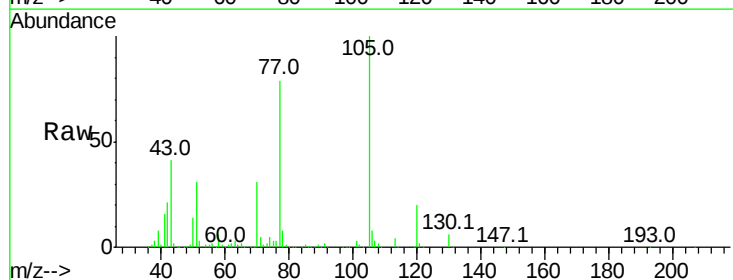
Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:105 Resp: 530394

Ion Ratio Lower Upper

105	100		
71	5.1	2.8	4.2#
51	30.7	30.7	46.1#
120	20.4	17.4	26.0

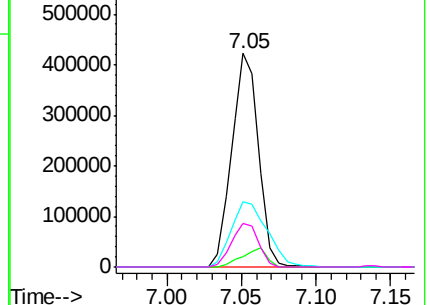


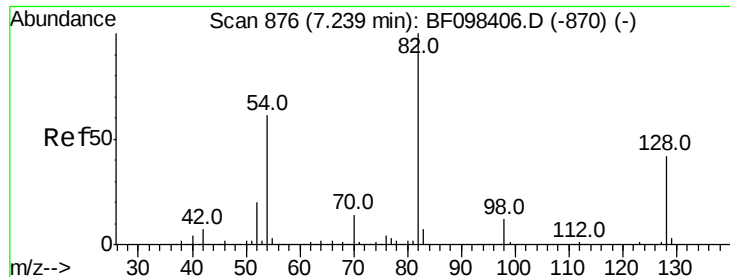
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

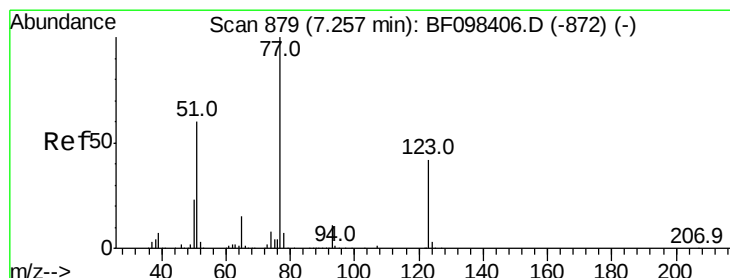
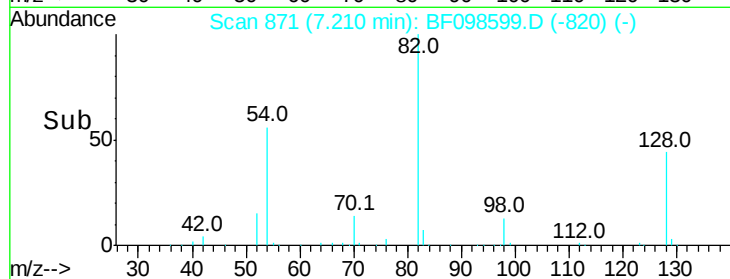
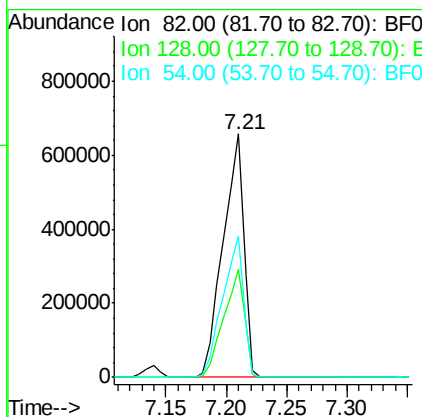
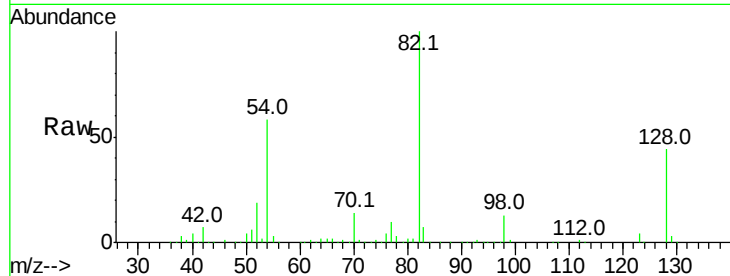




#23
 Nitrobenzene-d5
 Concen: 86.895 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

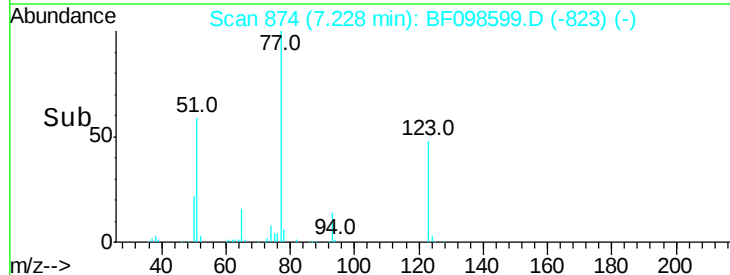
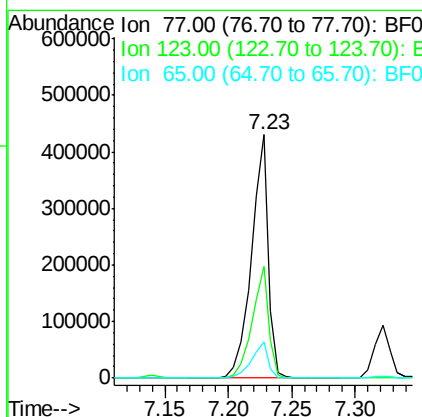
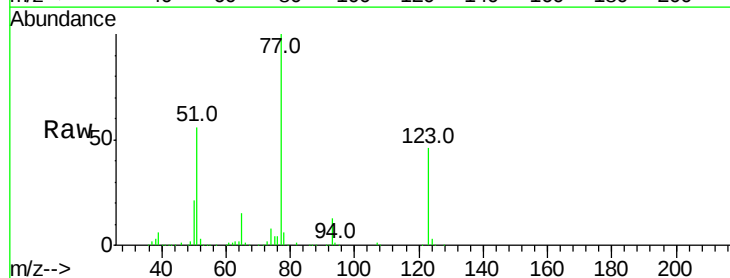
Instrument :
 BNA_F
 ClientSampled :

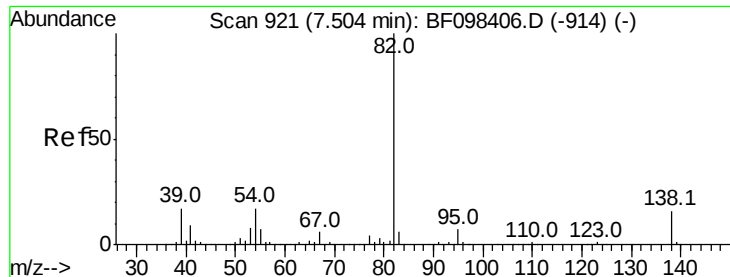
Tot Ion: 82 Resp: 789041
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.0 51.0
 54 58.2 42.2 63.2



#24
 Nitrobenzene
 Concen: 38.672 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion: 77 Resp: 399993
 Ion Ratio Lower Upper
 77 100
 123 46.1 35.8 53.8
 65 14.8 10.6 15.8





#25

Isophorone

Concen: 39.523 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

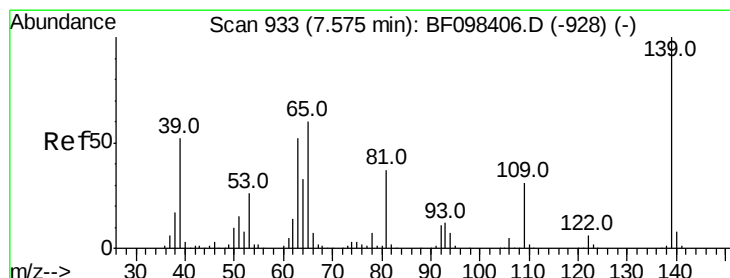
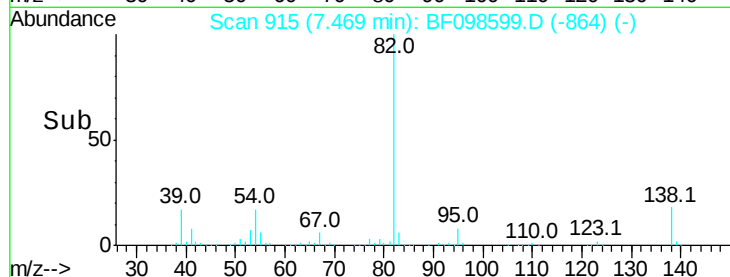
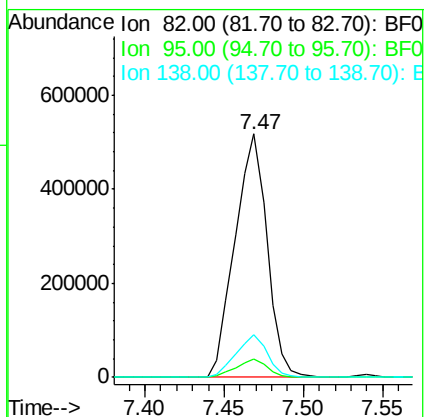
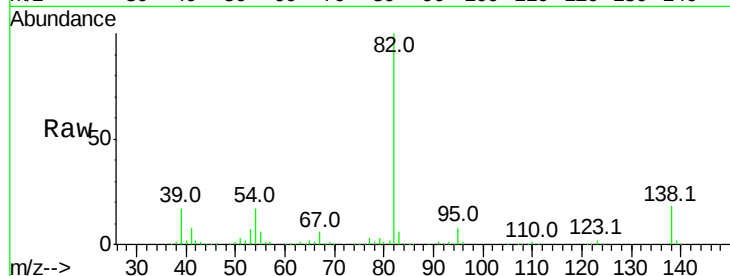
Tot Ion: 82 Resp: 726118

Ion Ratio Lower Upper

82 100

95 7.6 5.3 7.9

138 17.7 13.1 19.7



#26

2-Nitrophenol

Concen: 47.236 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

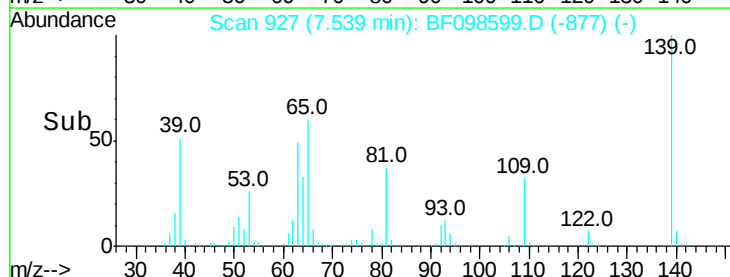
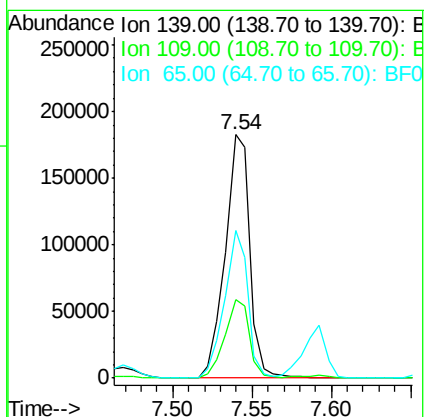
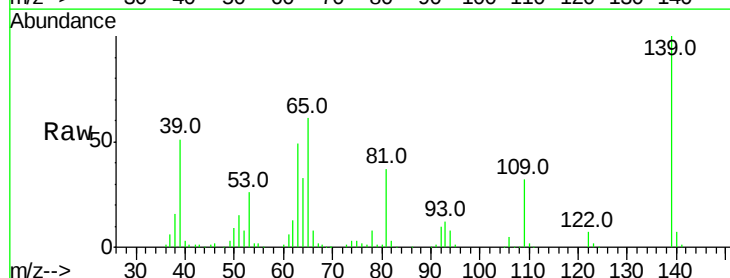
Tgt Ion: 139 Resp: 197265

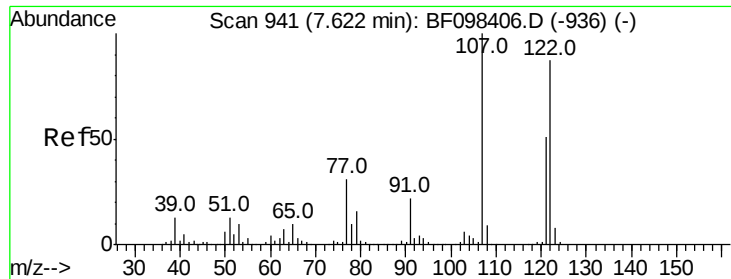
Ion Ratio Lower Upper

139 100

109 32.5 21.0 31.6#

65 60.6 33.0 49.6#

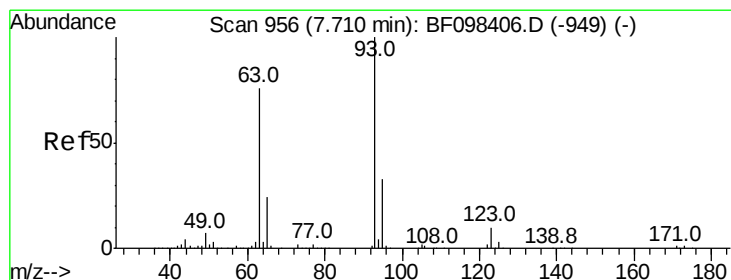
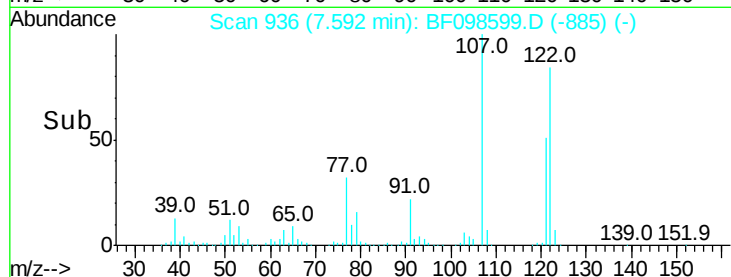
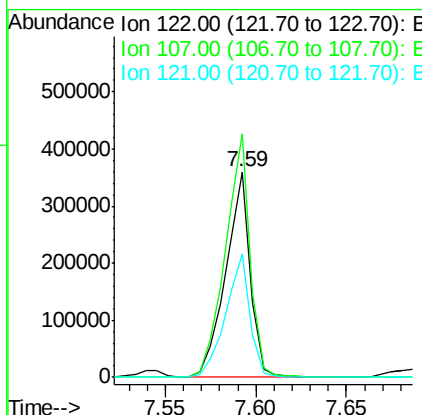
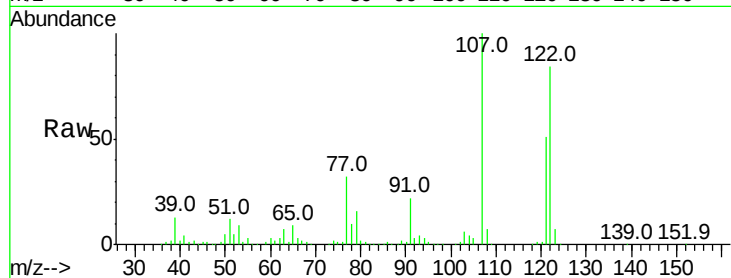




#27
 2,4-Dimethylphenol
 Concen: 42.618 ng
 RT: 7.59 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

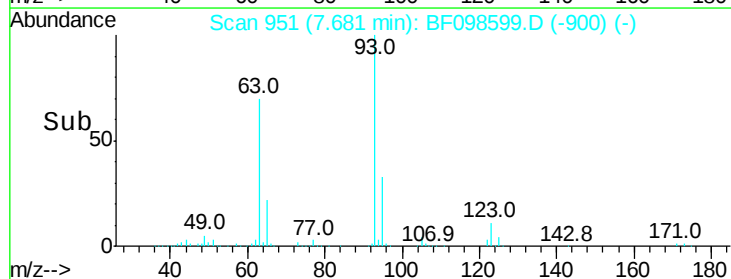
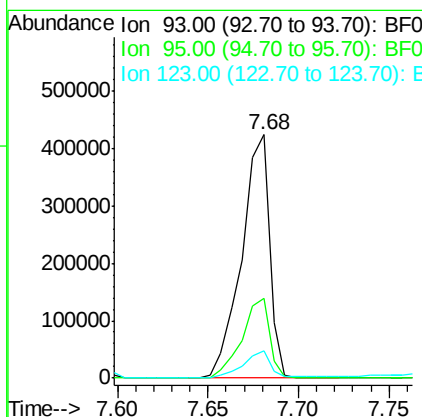
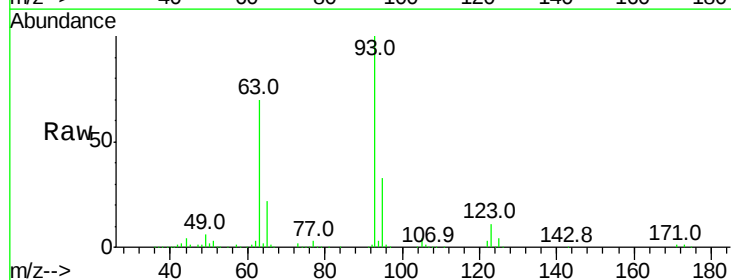
Instrument :
 BNA_F
 ClientSampleId :

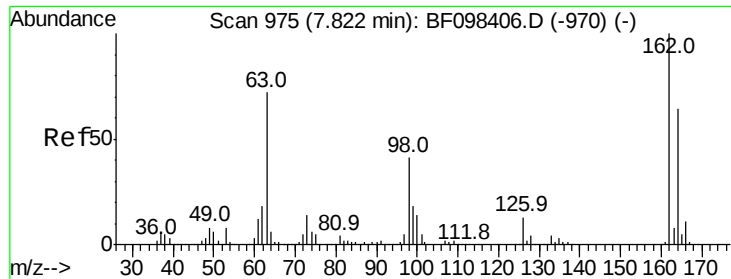
Tot Ion:122 Resp: 339276
 Ion Ratio Lower Upper
 122 100
 107 118.5 89.2 133.8
 121 60.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.667 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion: 93 Resp: 455887
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.5 39.7
 123 11.1 9.0 13.4

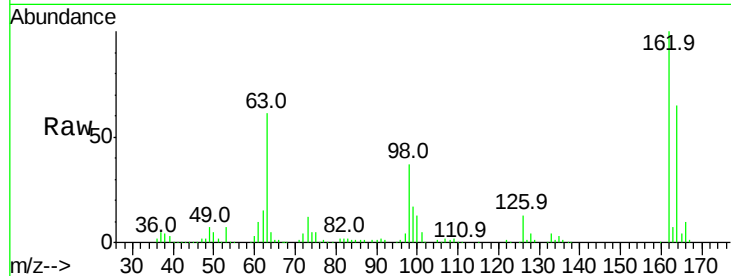




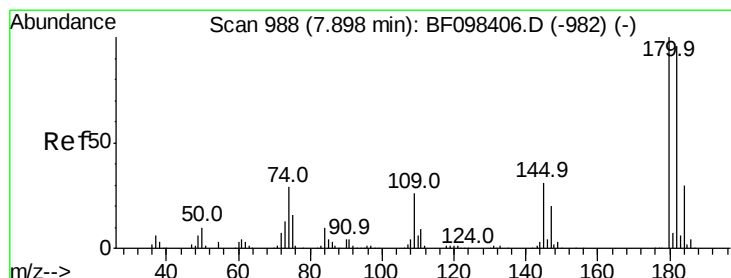
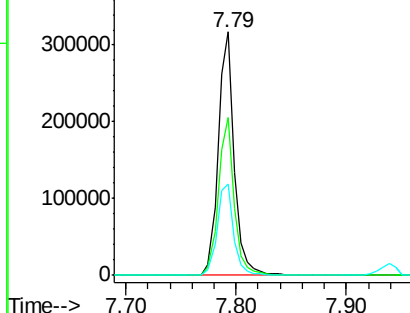
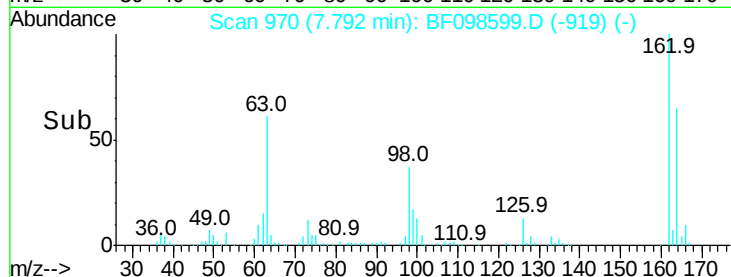
#29
 2,4-Dichlorophenol
 Concen: 48.048 ng
 RT: 7.79 min Scan# 970
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.6	84.6
98	37.3	14.8	54.8

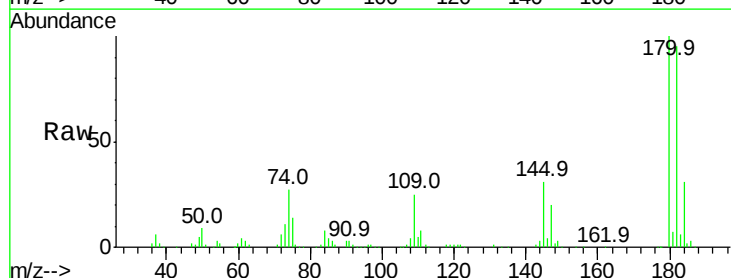


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

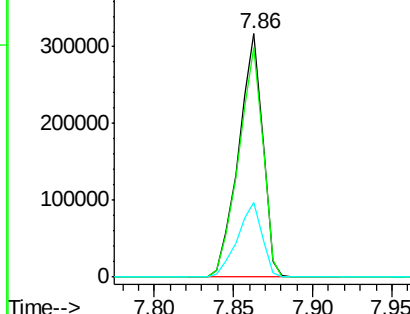
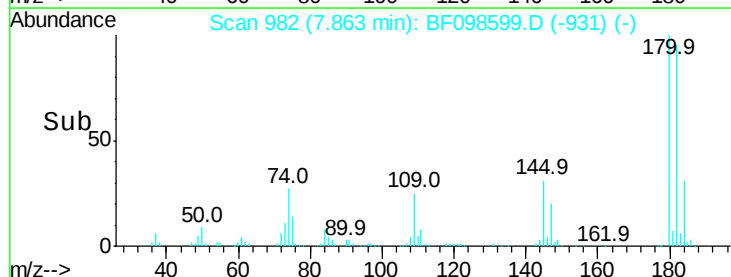


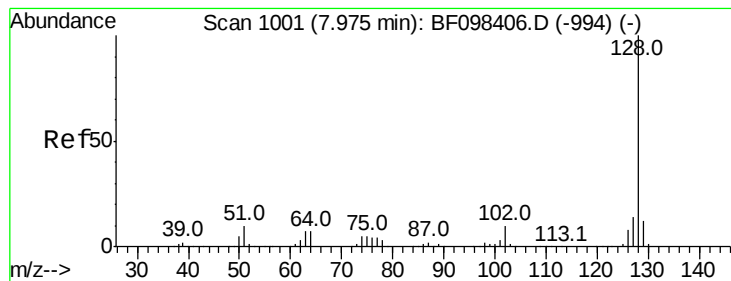
#30
 1,2,4-Trichlorobenzene
 Concen: 46.306 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	30.7	25.3	37.9



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





#31

Naphthalene

Concen: 43.415 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

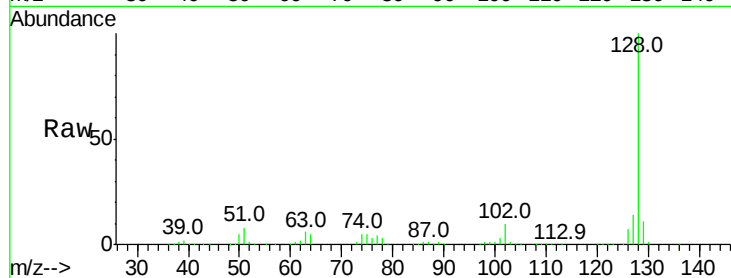
Tot Ion:128 Resp: 1086479

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

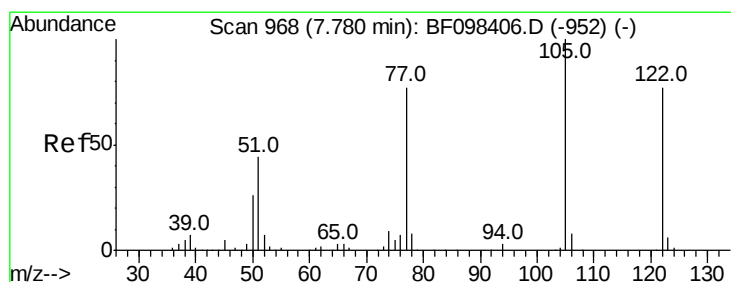
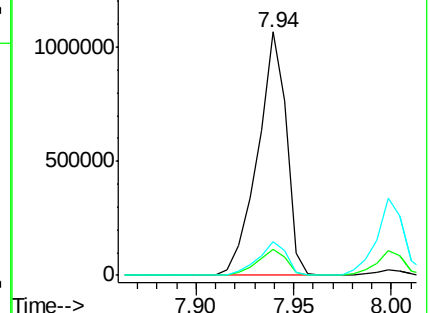
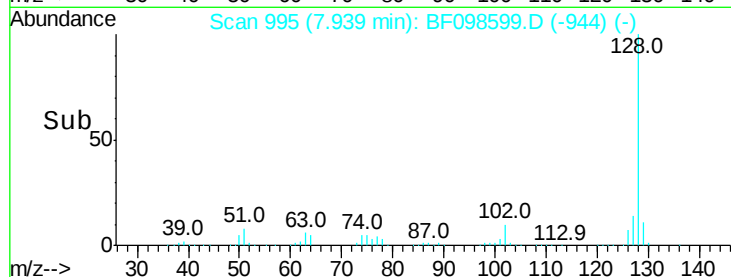
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.215 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

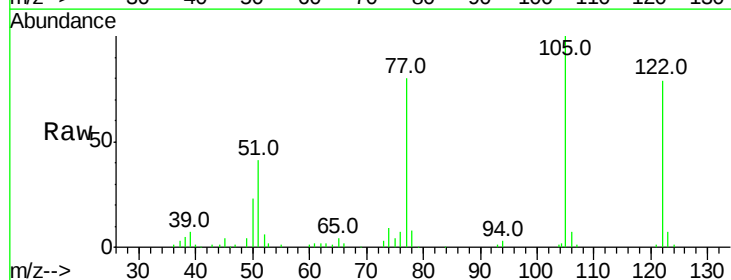
Tgt Ion:122 Resp: 219291

Ion Ratio Lower Upper

122 100

105 126.0 103.3 143.3

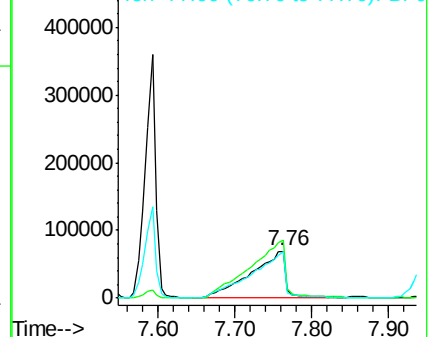
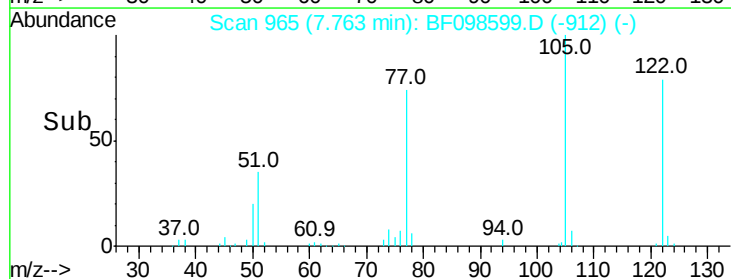
77 101.3 73.7 113.7

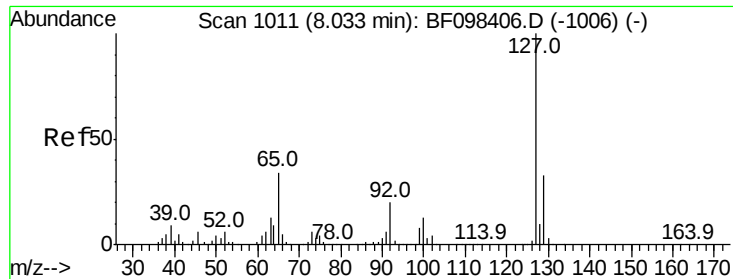


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

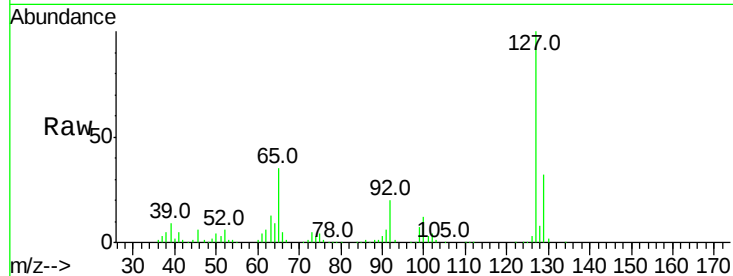




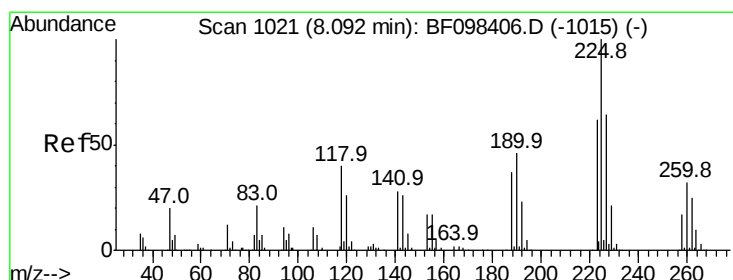
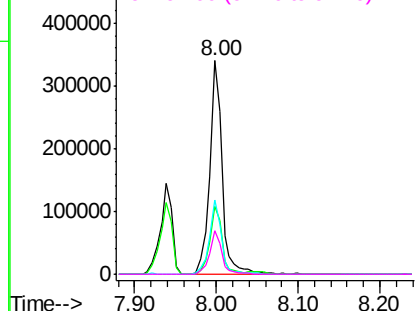
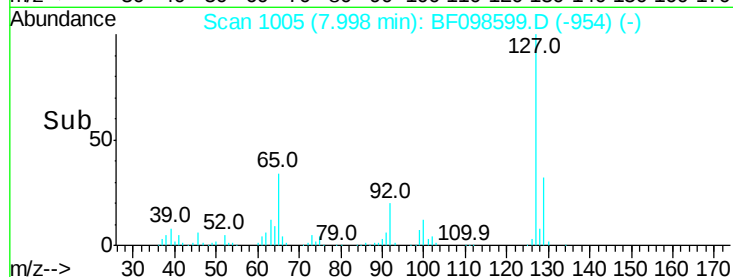
#33
4-Chloroaniline
Concen: 35.037 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	356352
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	34.8	27.8	41.8
92	20.2	16.8	25.2

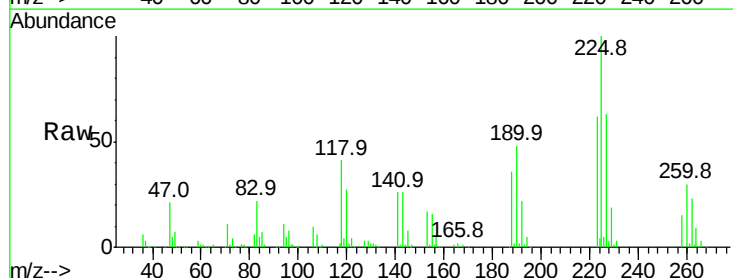


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

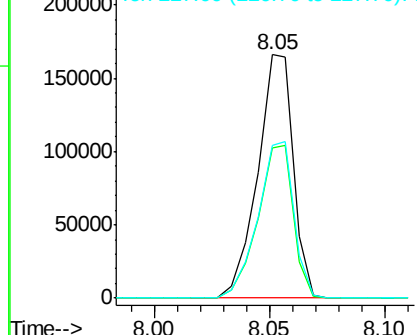
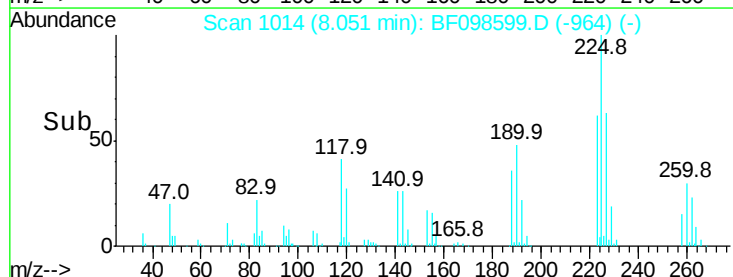


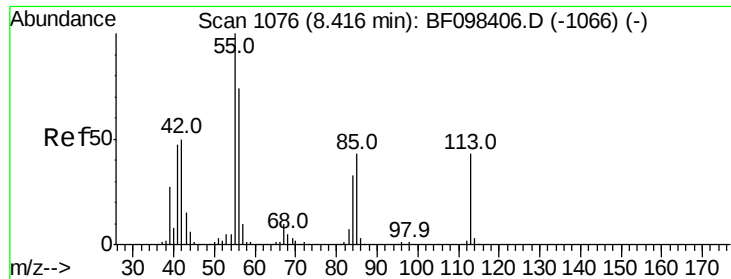
#34
Hexachlorobutadiene
Concen: 48.352 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion:	225	Resp:	178777
Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	62.9	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.163 ng

RT: 8.46 min Scan# 1083

Delta R.T. 0.08 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampled :

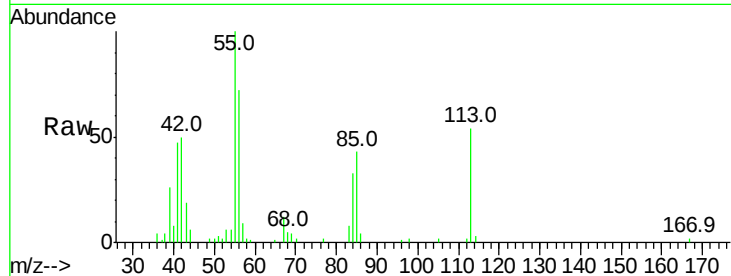
Tot Ion:113 Resp: 46036

Ion Ratio Lower Upper

113 100

55 185.8 150.2 190.2

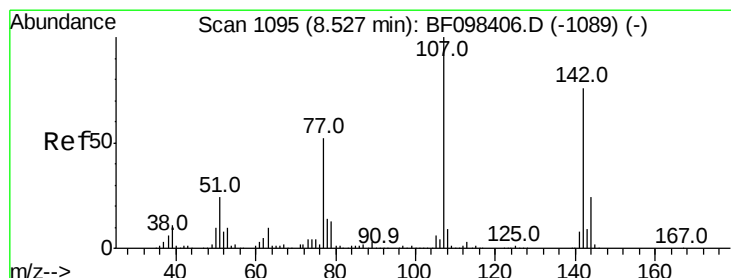
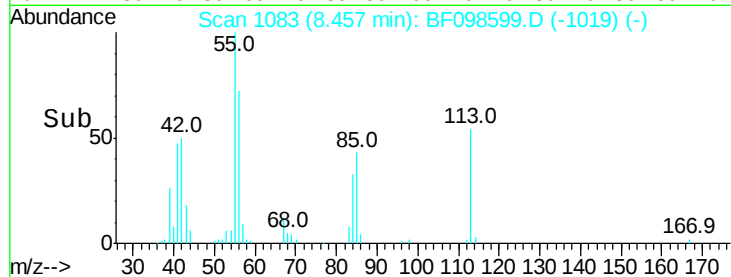
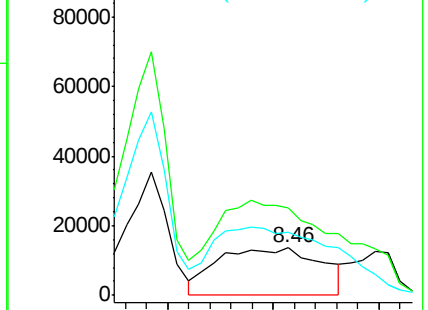
56 133.9 107.8 147.8



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: 45.746 ng

RT: 8.50 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

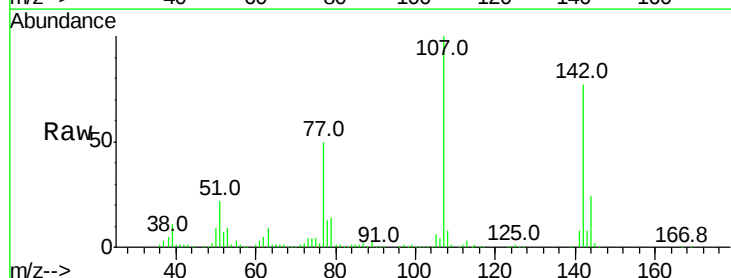
Tgt Ion:107 Resp: 375624

Ion Ratio Lower Upper

107 100

144 24.0 24.2 36.4#

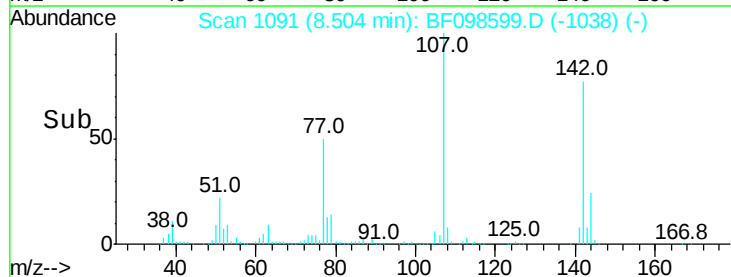
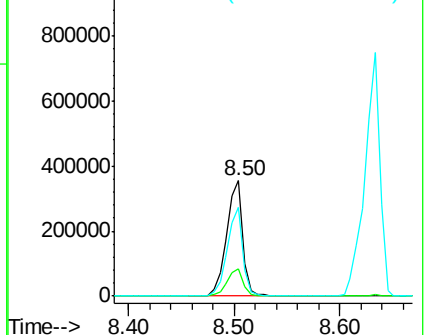
142 76.9 73.4 110.0

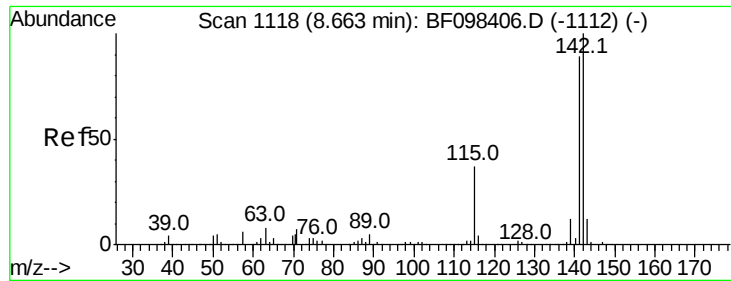


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

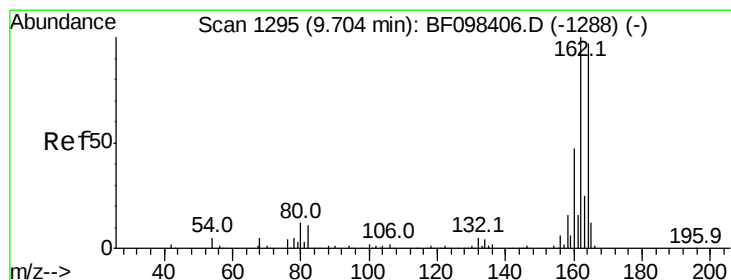
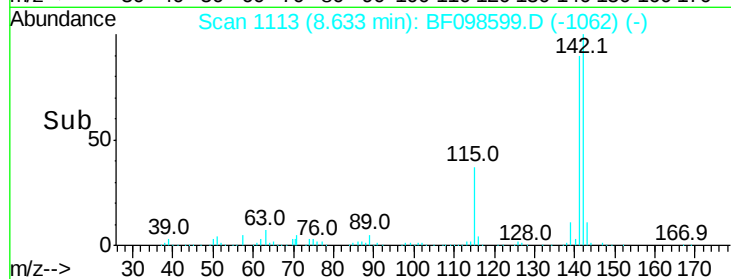
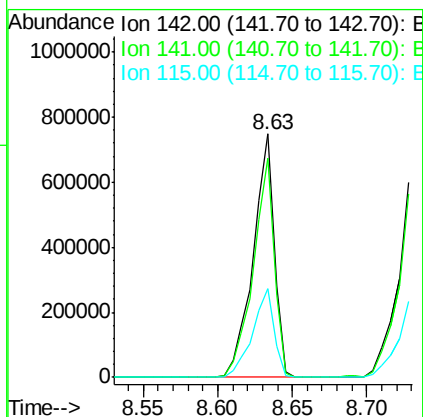
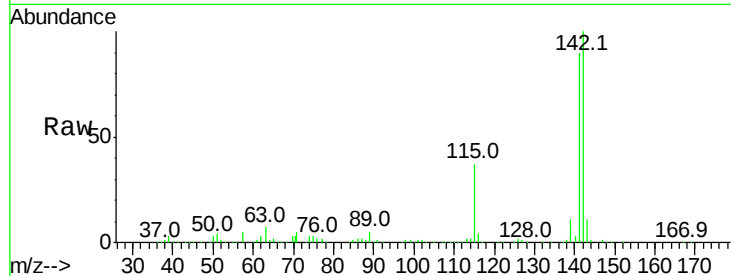




#37
2-Methylnaphthalene
Concen: 48.469 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

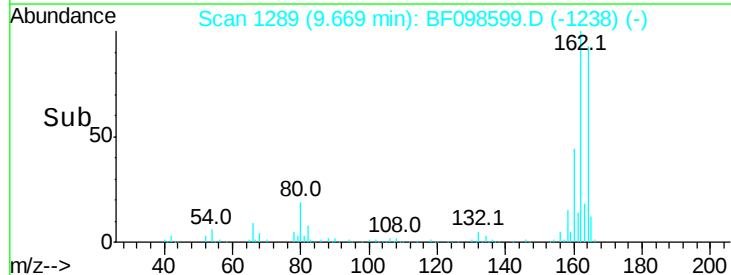
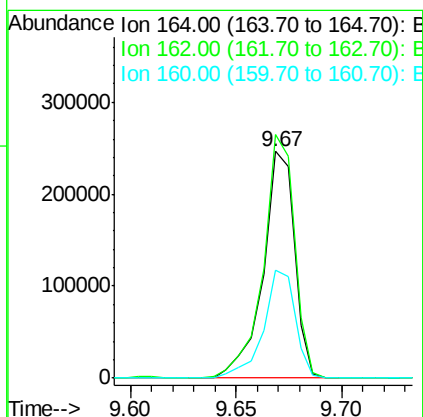
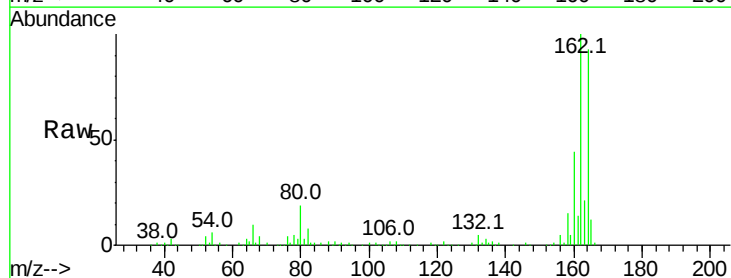
Instrument :
BNA_F
ClientSampleId :

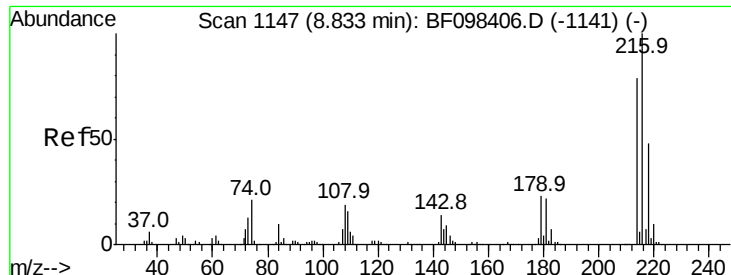
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.3	106.9
115	36.7	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	82.6	123.8
160	47.6	36.2	54.2

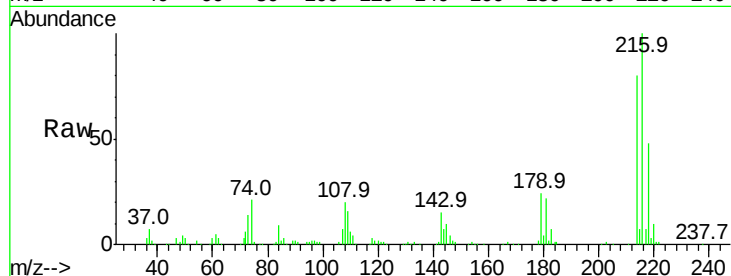




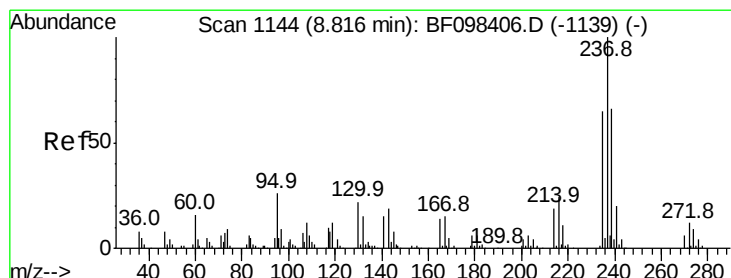
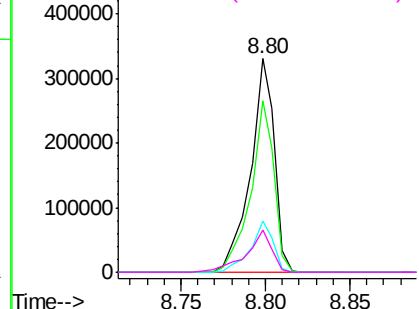
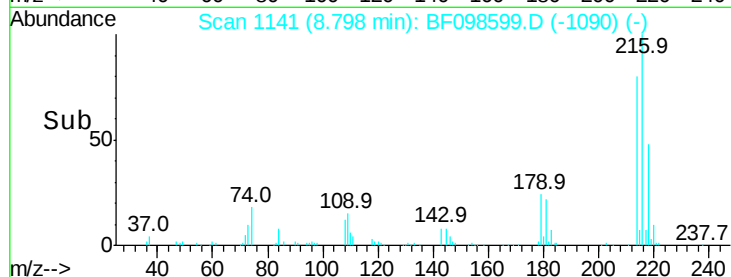
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.908 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	328283
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.2
179	22.7	17.9	26.9
108	20.6	16.5	24.7

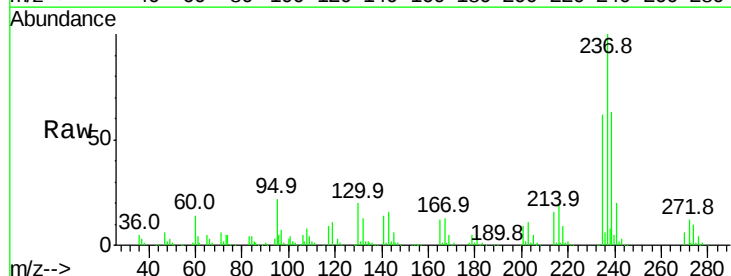


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

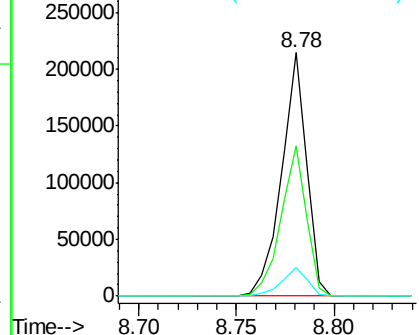
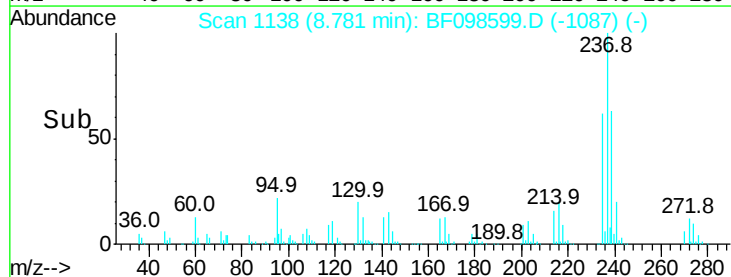


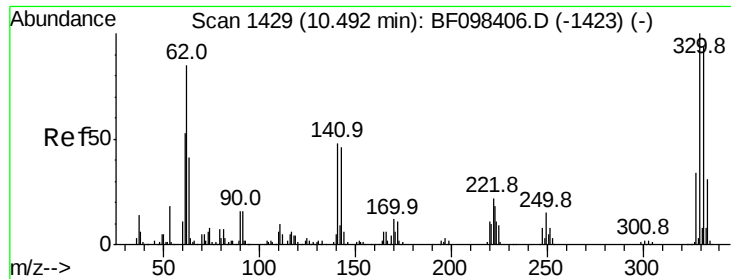
#40
 Hexachlorocyclopentadiene
 Concen: 80.747 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion:	237	Resp:	190008
Ion	Ratio	Lower	Upper
237	100		
235	61.8	42.6	82.6
272	11.8	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

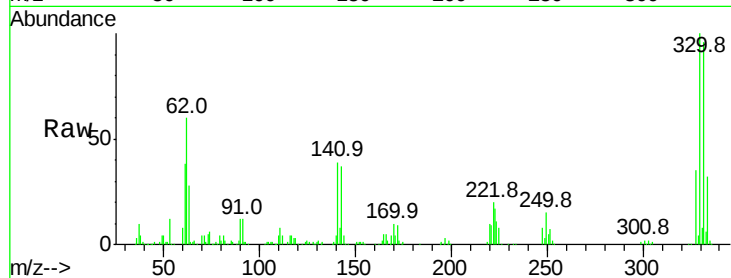




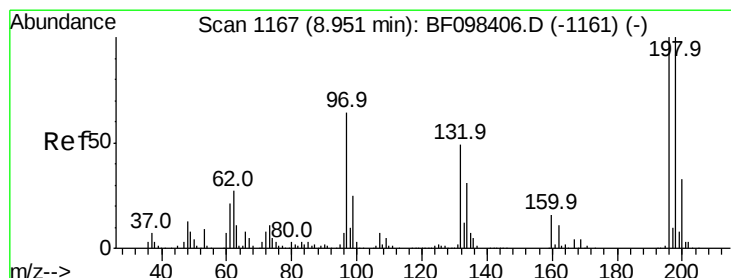
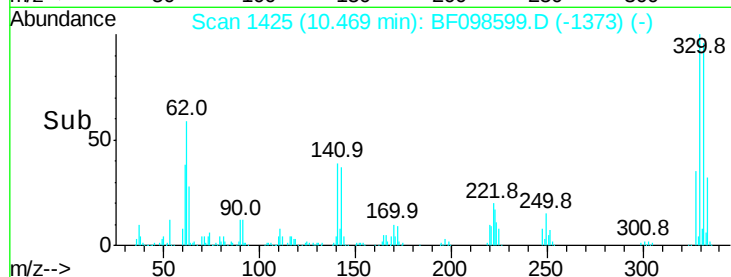
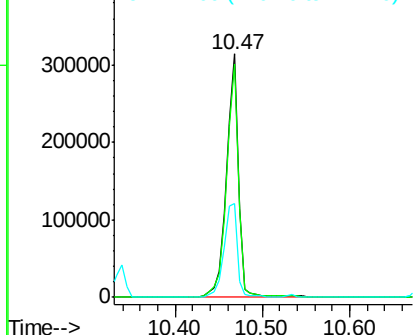
#41
 2,4,6-Tribromophenol
 Concen: 177.710 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 305564
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 42.8 31.4 47.2

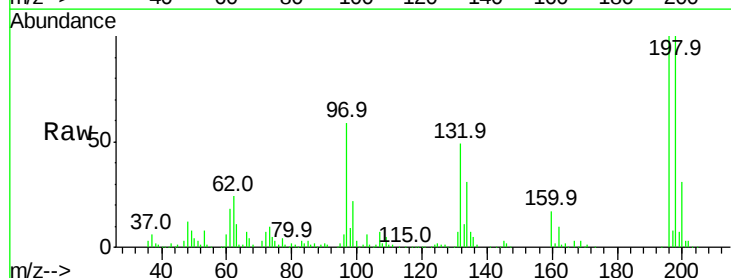


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

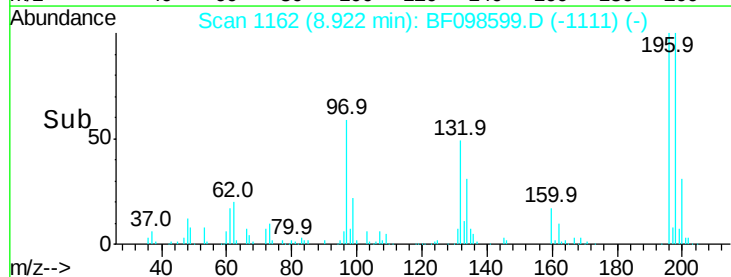
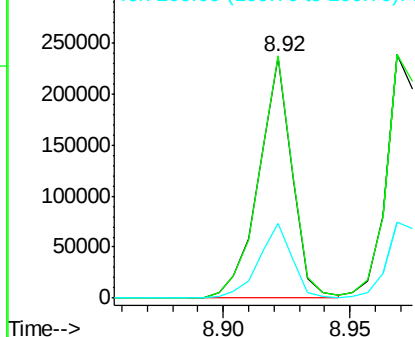


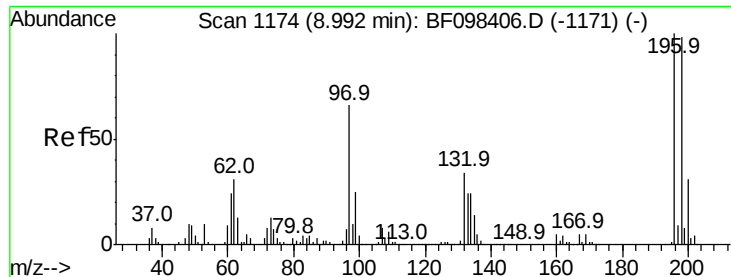
#42
 2,4,6-Trichlorophenol
 Concen: 46.306 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion:196 Resp: 218271
 Ion Ratio Lower Upper
 196 100
 198 100.3 74.2 111.4
 200 31.0 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

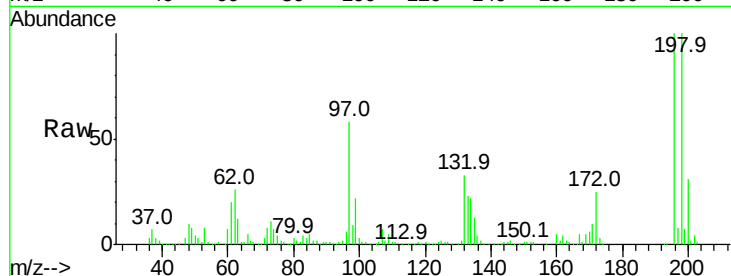




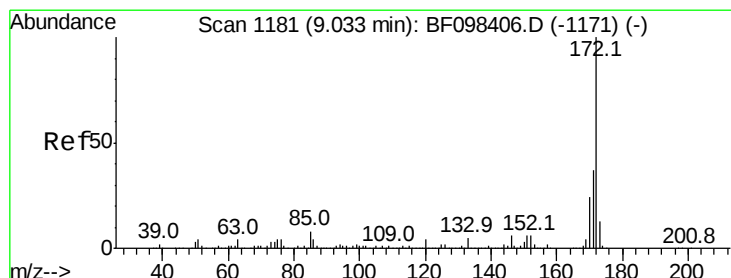
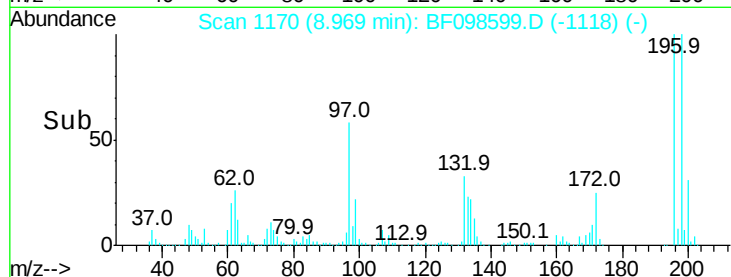
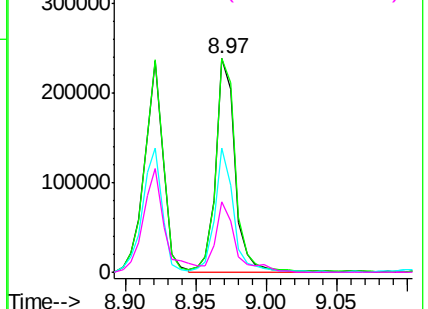
#43
 2,4,5-Trichlorophenol
 Concen: 46.269 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 227957
 Ion Ratio Lower Upper
 196 100
 198 100.1 75.7 113.5
 97 58.3 47.7 71.5
 132 32.8 28.0 42.0

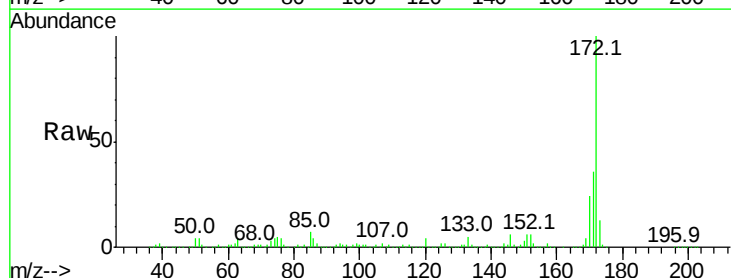


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

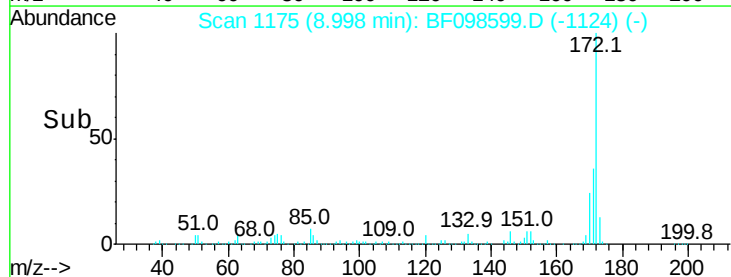
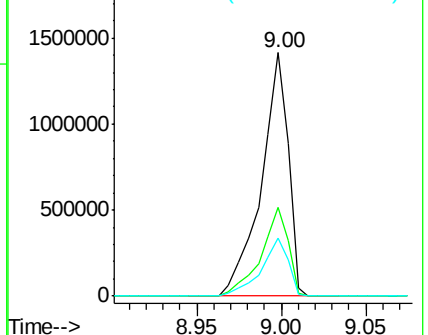


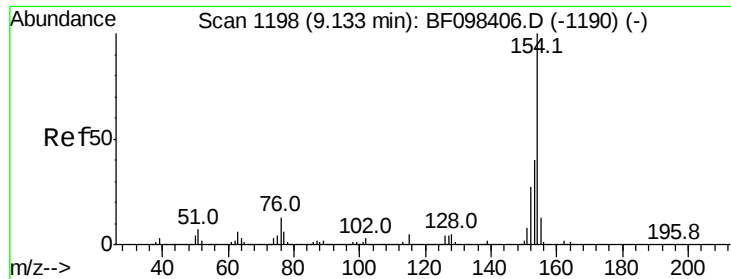
#44
 2-Fluorobiphenyl
 Concen: 102.152 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion:172 Resp: 1552708
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.971 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

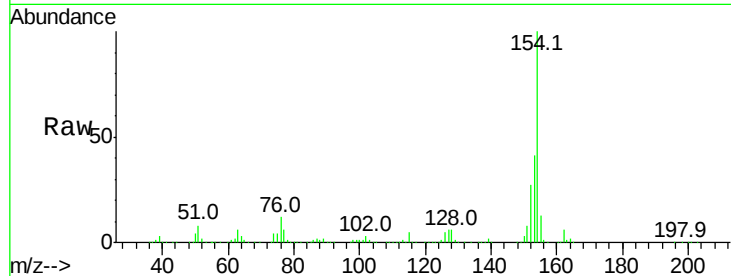
Tot Ion:154 Resp: 921701

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

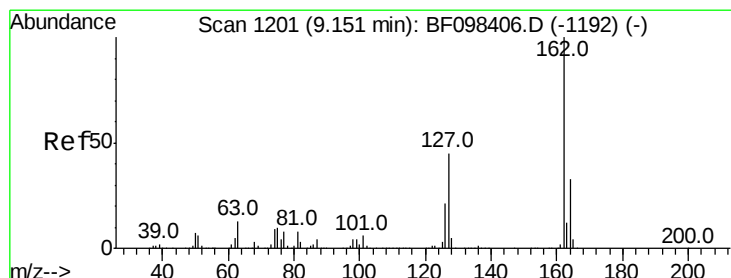
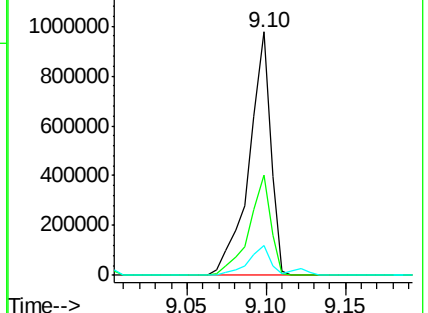
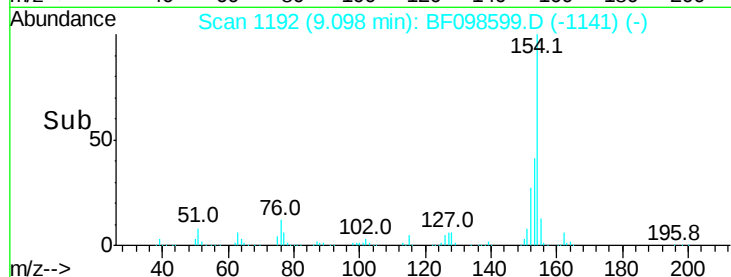
76 12.4 0.0 29.9



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: 42.198 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

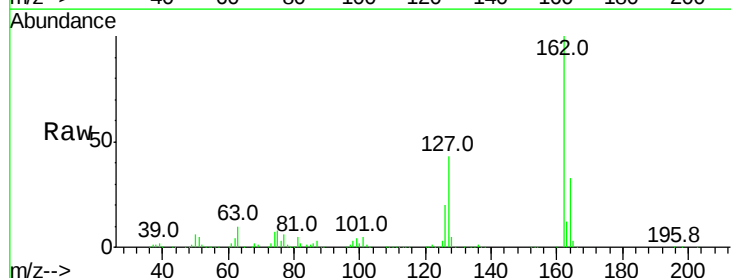
Tgt Ion:162 Resp: 694934

Ion Ratio Lower Upper

162 100

127 43.2 28.3 42.5#

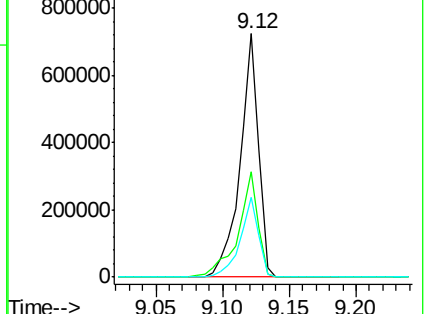
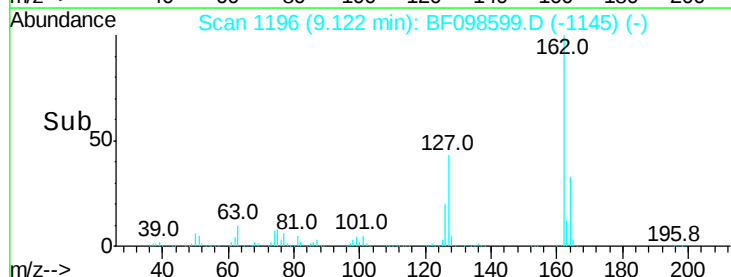
164 32.6 27.0 40.4

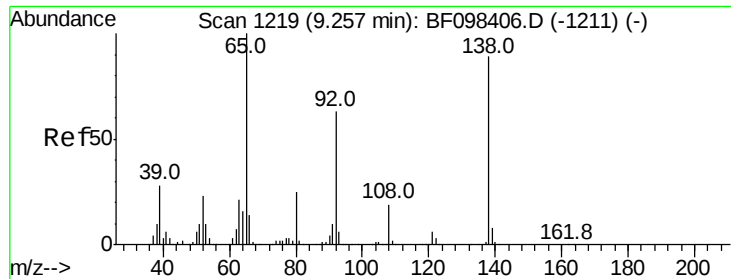


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.506 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

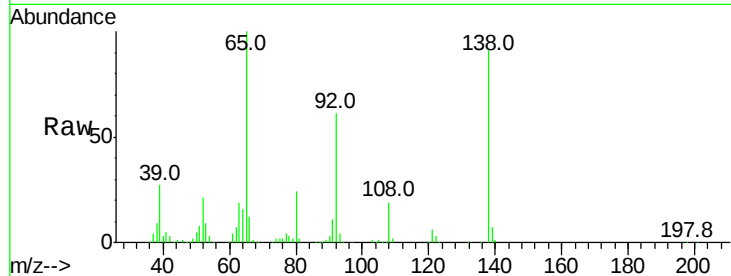
Tot Ion: 65 Resp: 256030

Ion Ratio Lower Upper

65 100

92 60.9 53.9 80.9

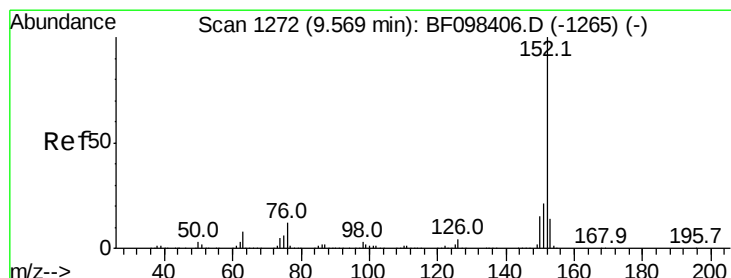
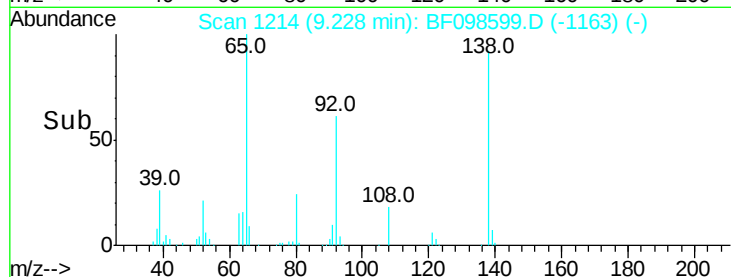
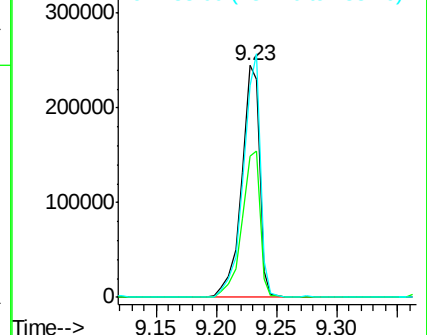
138 91.0 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 42.289 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

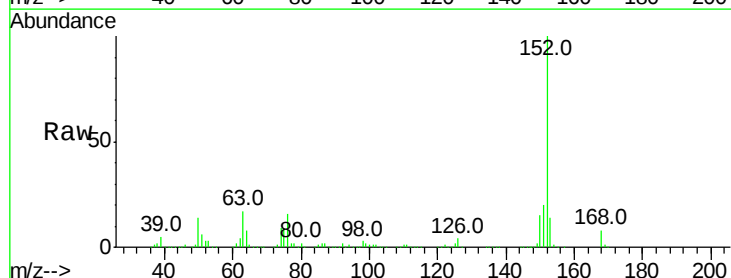
Tgt Ion: 152 Resp: 1035489

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

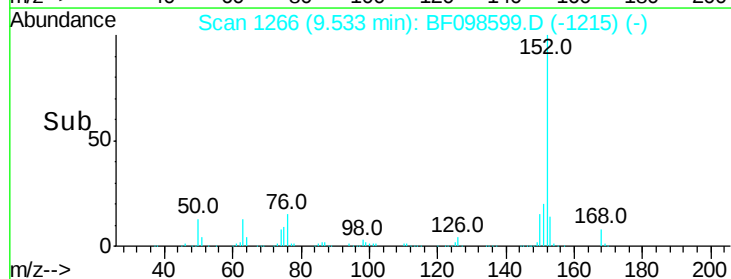
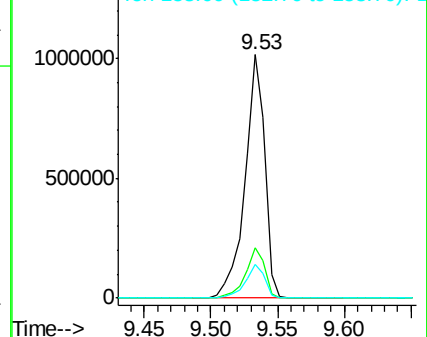
153 14.1 10.8 16.2

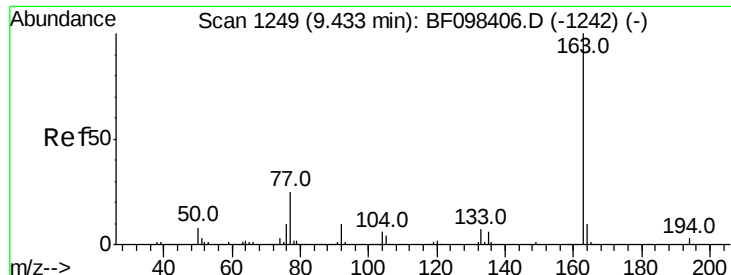


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

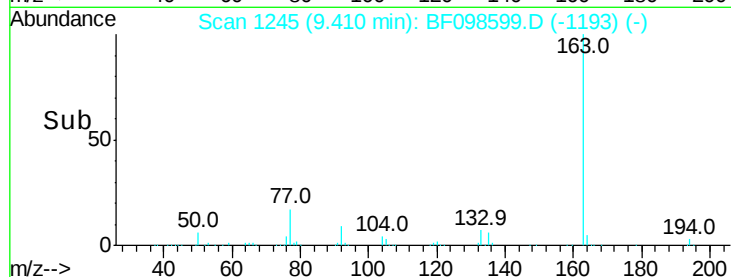
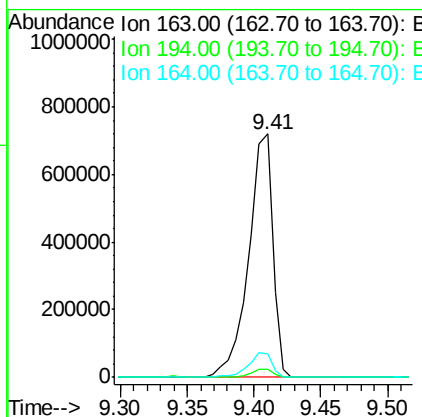
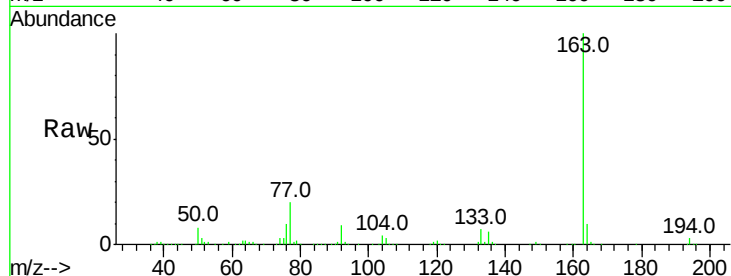




#49
Dimethylphthalate
Concen: 44.838 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

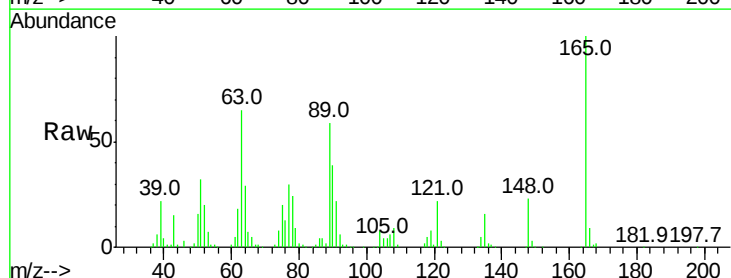
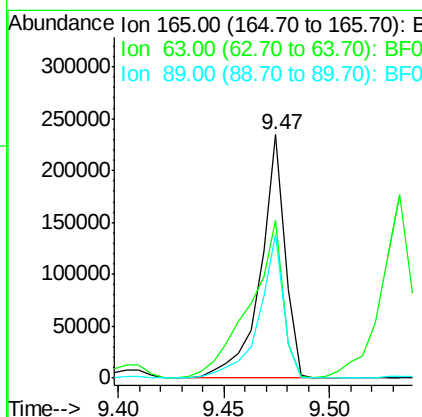
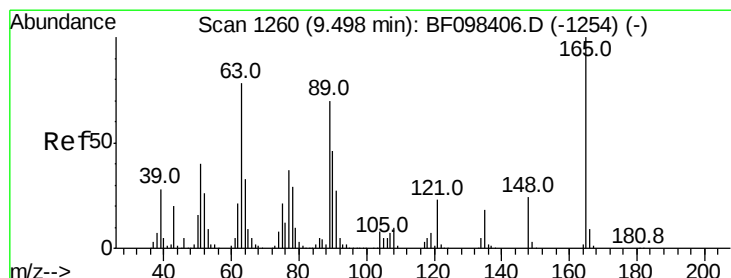
Instrument :
BNA_F
ClientSampleId :

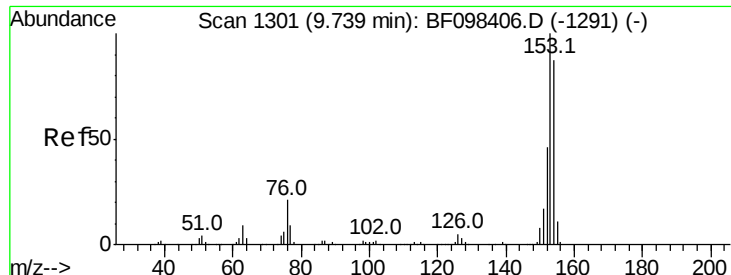
Tot Ion:163 Resp: 894173
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.8 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 46.535 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion:165 Resp: 190625
Ion Ratio Lower Upper
165 100
63 64.7 34.3 51.5#
89 59.2 37.1 55.7#





#51

Acenaphthene

Concen: 42.963 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampled :

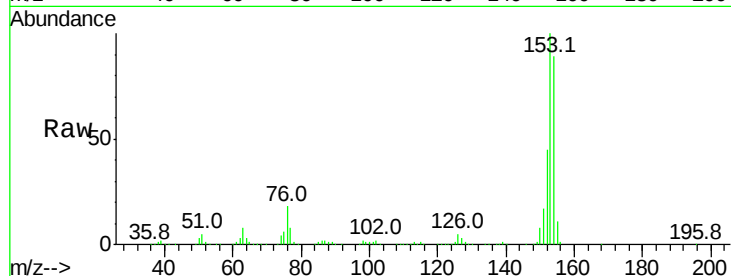
Tot Ion:154 Resp: 668713

Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

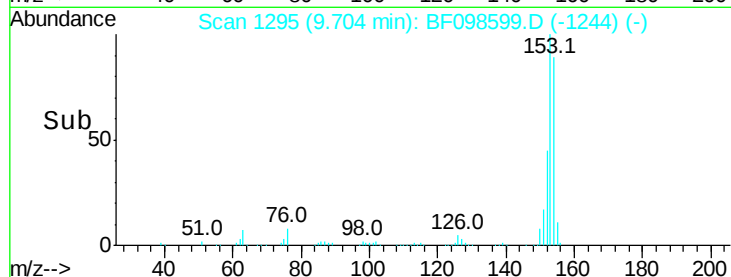
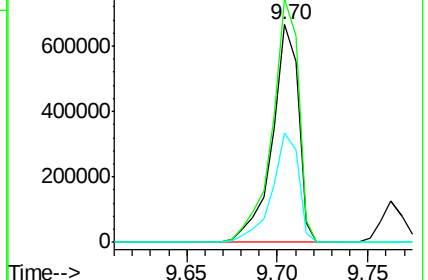
152 50.1 43.6 65.4



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: 33.251 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

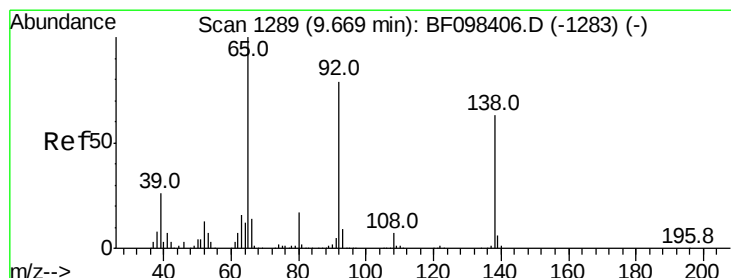
Tgt Ion:138 Resp: 164425

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

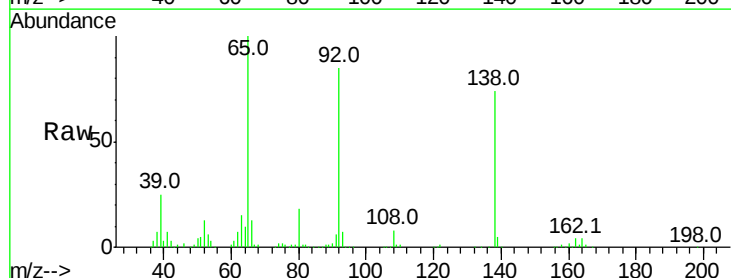
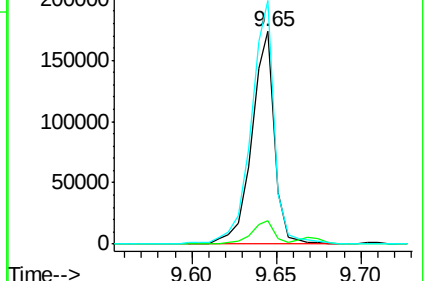
92 114.7 93.8 140.6

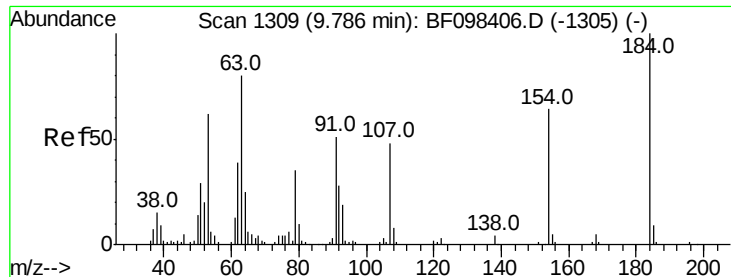


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

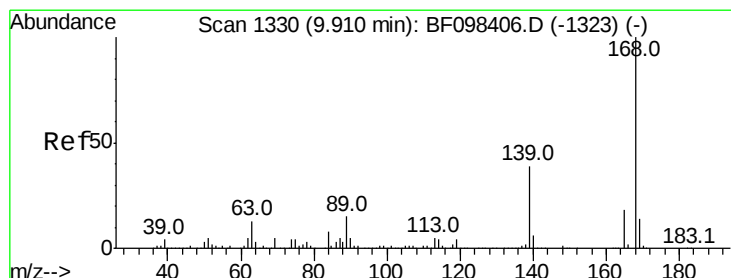
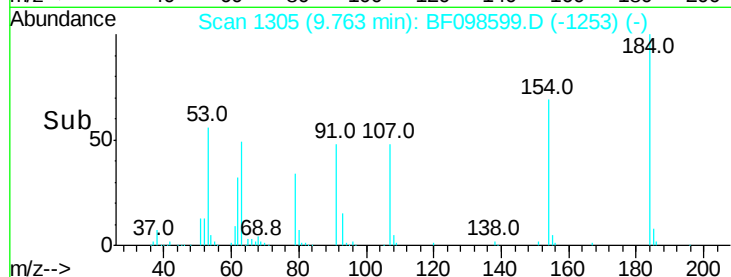
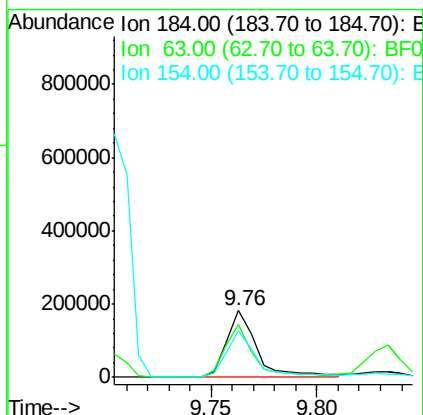
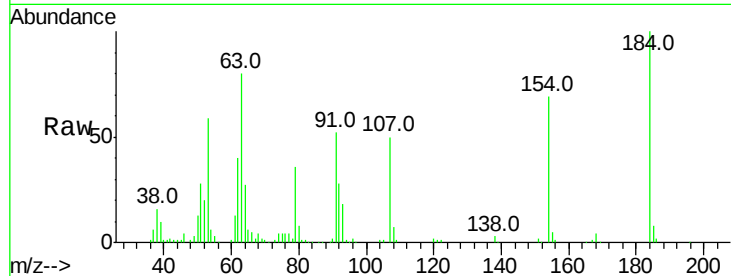




#53
2,4-Dinitrophenol
Concen: 91.542 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

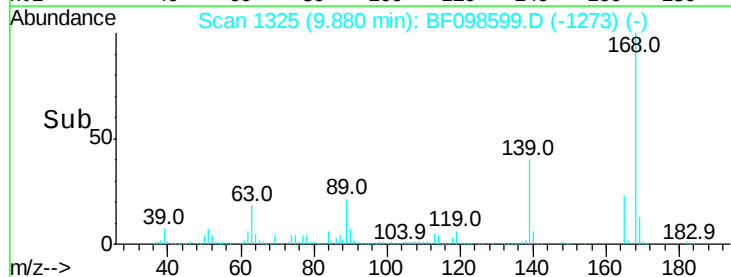
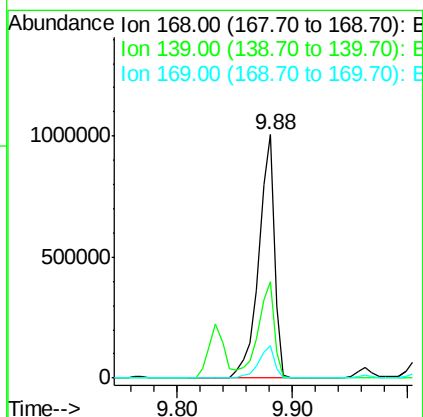
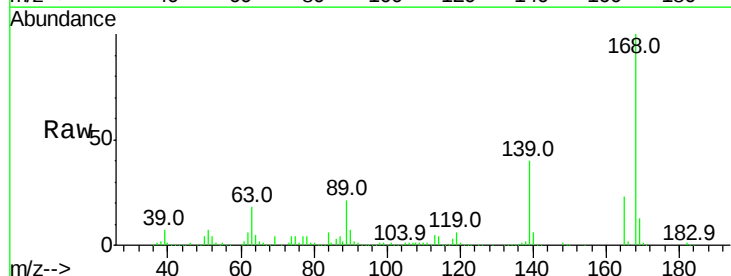
Instrument :
BNA_F
ClientSampleId :

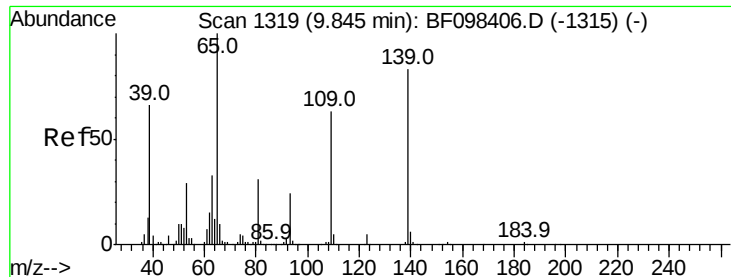
Tot Ion:184 Resp: 179924
Ion Ratio Lower Upper
184 100
63 79.7 62.7 94.1
154 69.2 81.1 121.7#



#54
Dibenzofuran
Concen: 47.226 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion:168 Resp: 968365
Ion Ratio Lower Upper
168 100
139 39.7 30.6 45.8
169 13.1 10.8 16.2





#55

4-Nitrophenol

Concen: 75.461 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

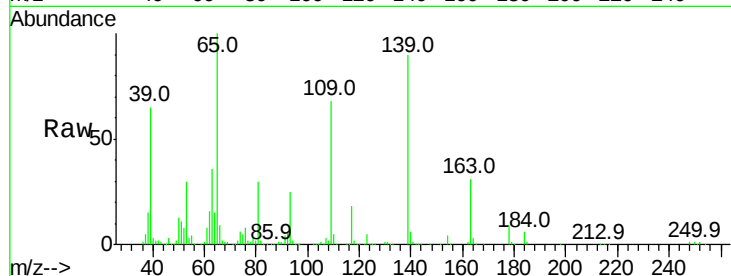
Tot Ion:139 Resp: 214385

Ion Ratio Lower Upper

139 100

109 75.9 34.1 74.1#

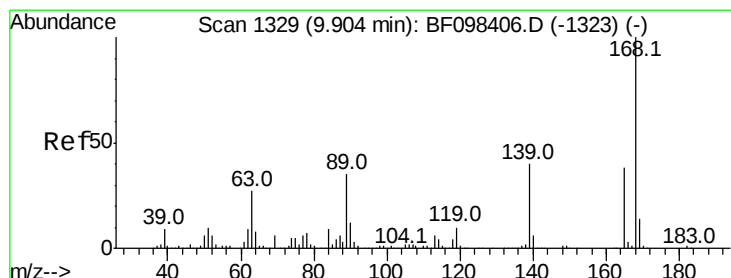
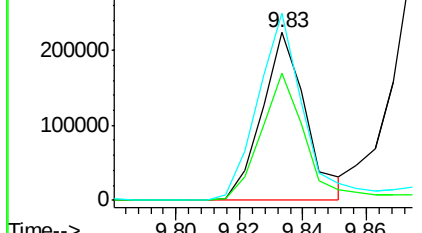
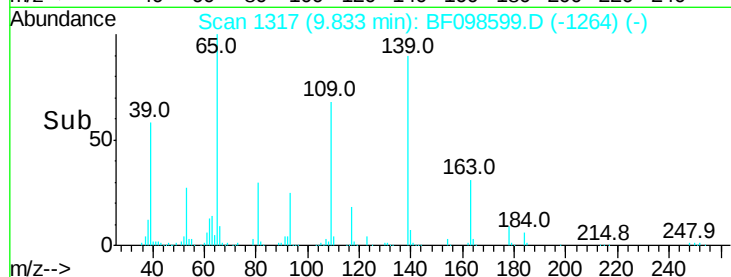
65 111.5 31.4 71.4#



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



#56

2,4-Dinitrotoluene

Concen: 50.308 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:165 Resp: 250543

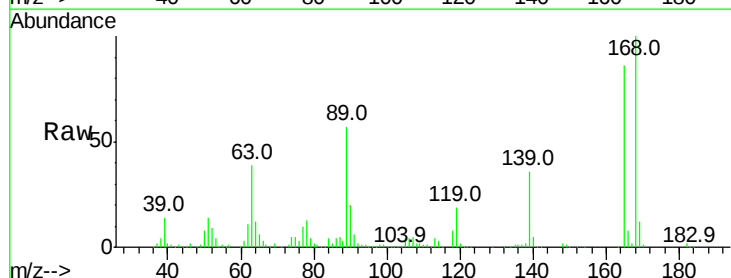
Ion Ratio Lower Upper

165 100

63 45.3 25.4 38.0#

89 66.6 46.4 69.6

182 2.6 1.8 2.6#

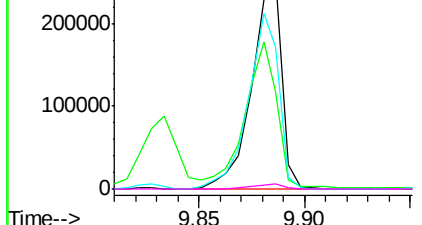
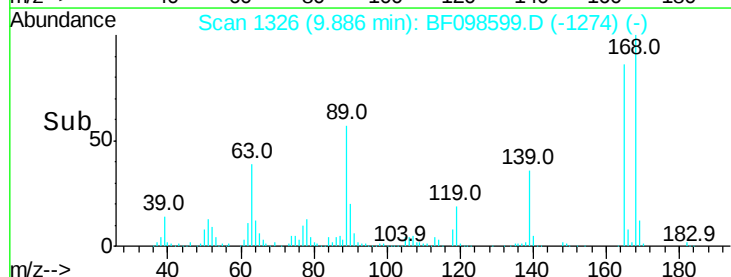


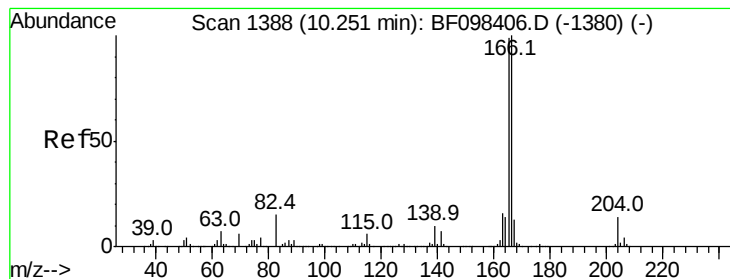
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 45.889 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampled :

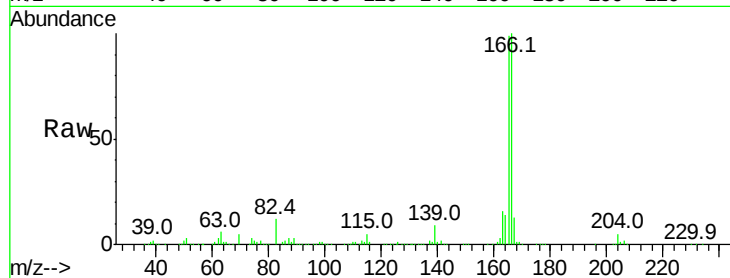
Tot Ion:166 Resp: 778830

Ion Ratio Lower Upper

166 100

165 99.3 78.8 118.2

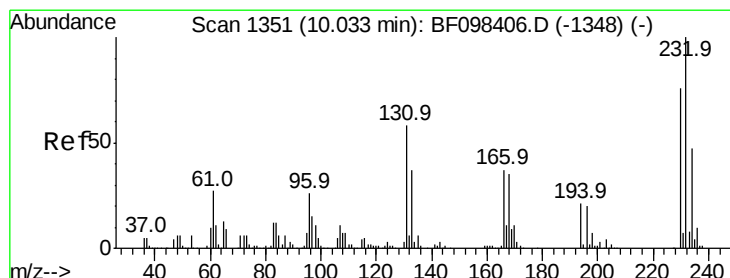
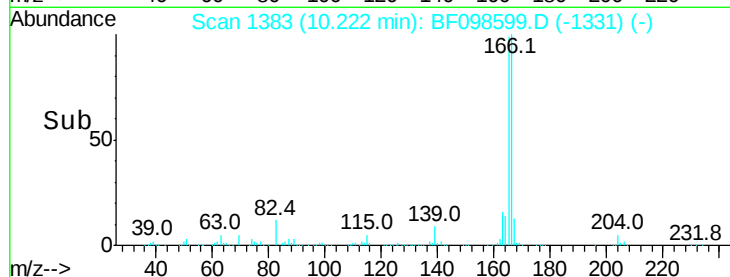
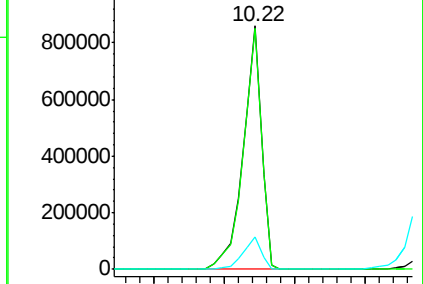
167 13.3 10.6 16.0



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: 57.386 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion:232 Resp: 190009

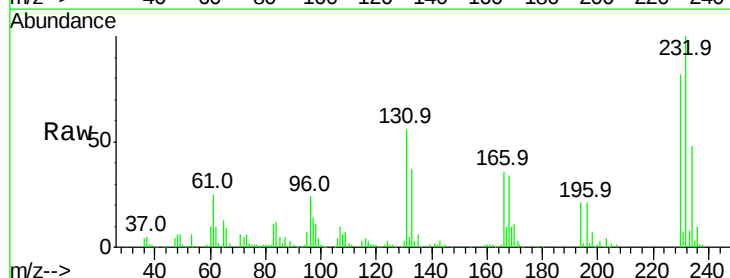
Ion Ratio Lower Upper

232 100

131 50.9 44.8 67.2

130 2.8 2.3 3.5

166 32.6 29.0 43.4

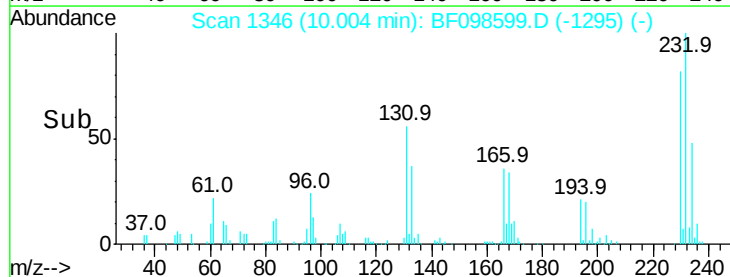
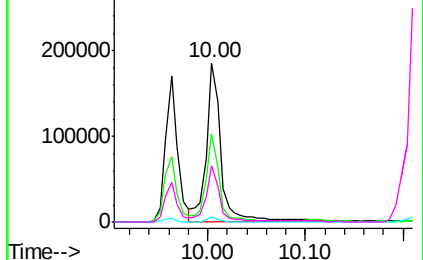


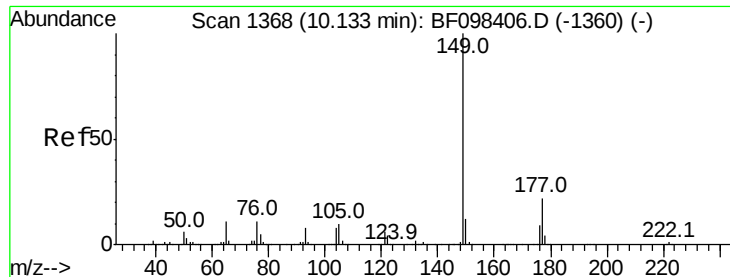
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

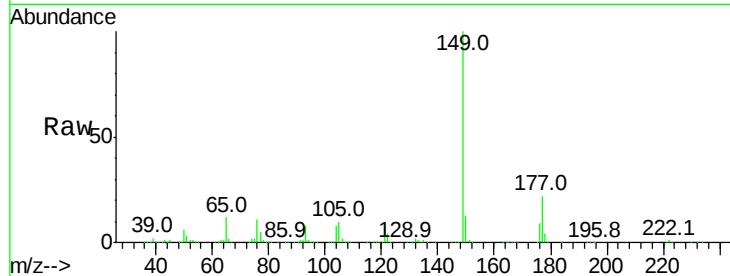




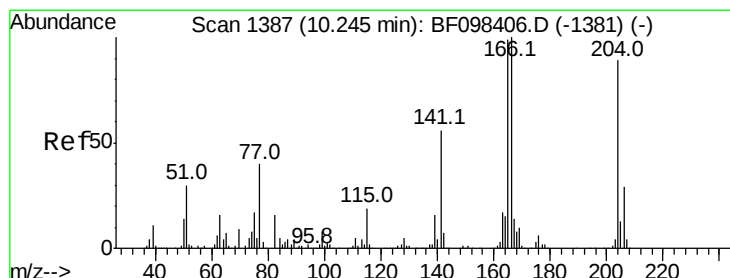
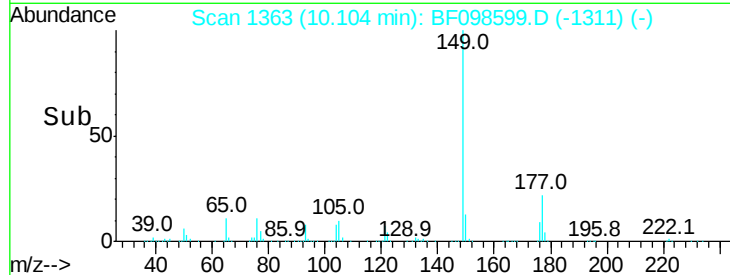
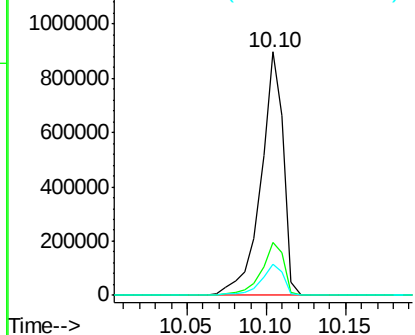
#59
Diethylphthalate
Concen: 46.801 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 887615
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 13.0 10.2 15.2

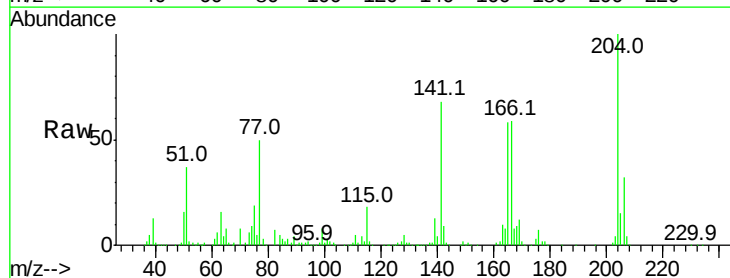


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

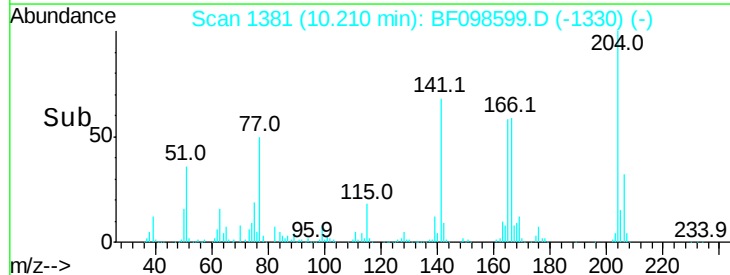
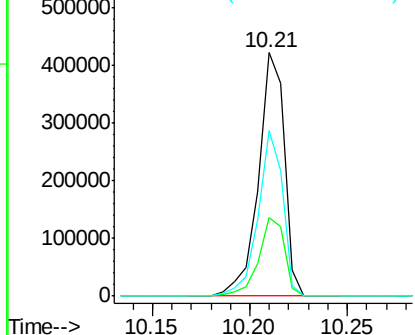


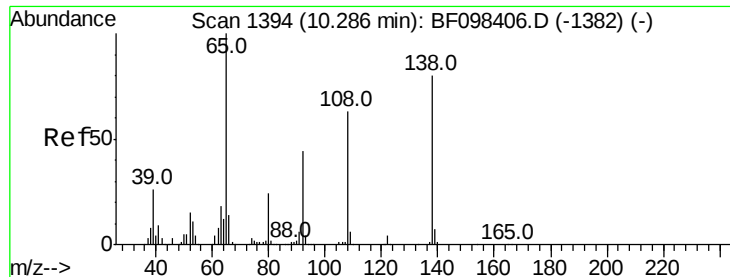
#60
4-Chlorophenyl-phenylether
Concen: 49.626 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion:204 Resp: 389031
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 67.8 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: 38.871 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

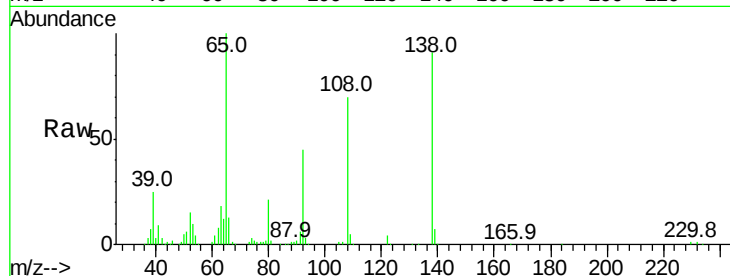
Tot Ion:138 Resp: 194115

Ion Ratio Lower Upper

138 100

92 49.0 21.8 61.8

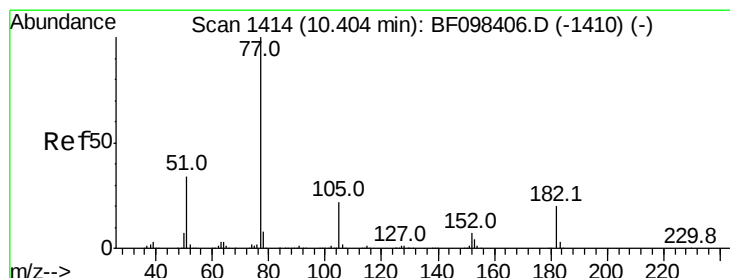
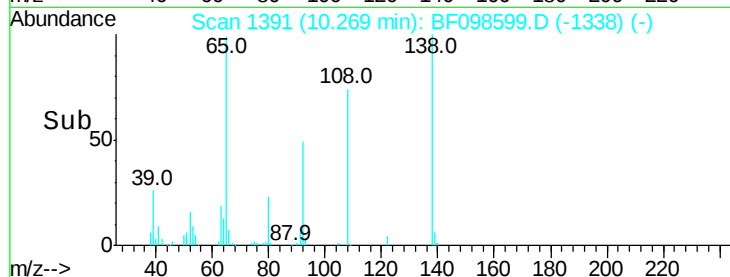
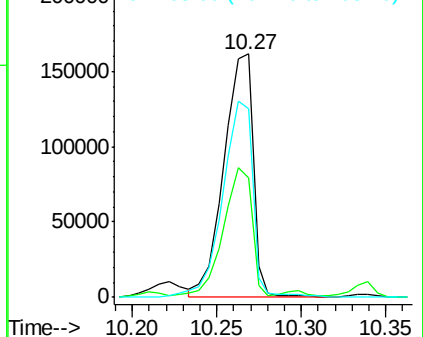
108 77.3 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.590 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Tgt Ion: 77 Resp: 850151

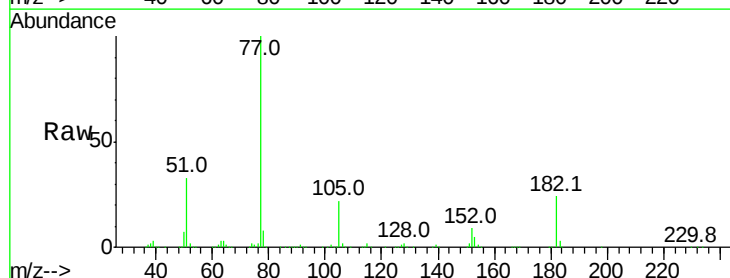
Ion Ratio Lower Upper

77 100

182 24.2 0.1 40.1

105 22.4 3.6 43.6

51 32.9 9.4 49.4

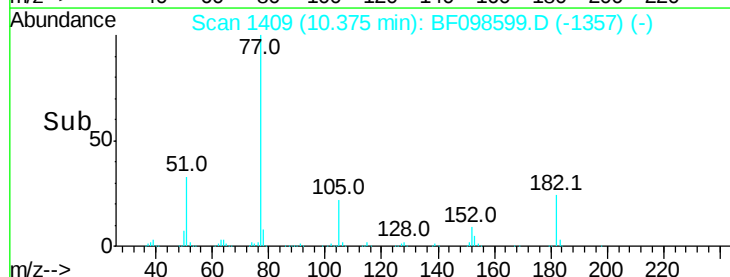
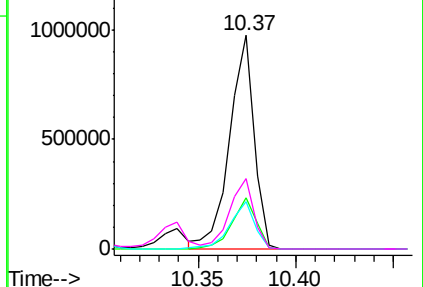


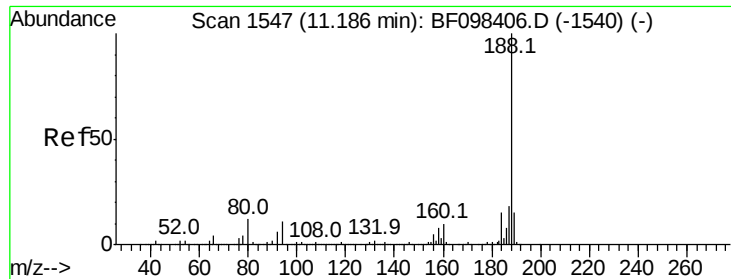
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

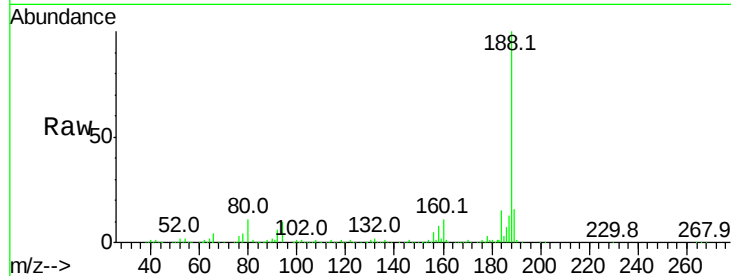




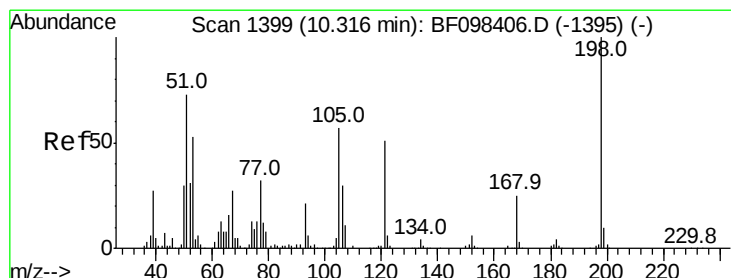
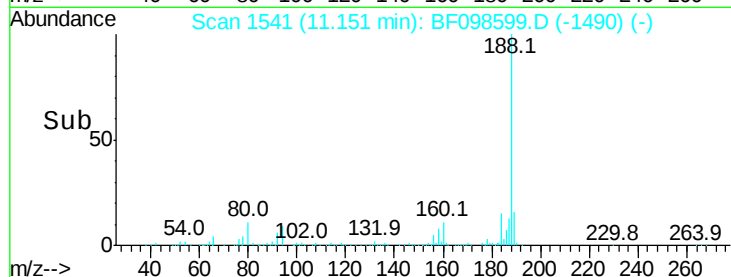
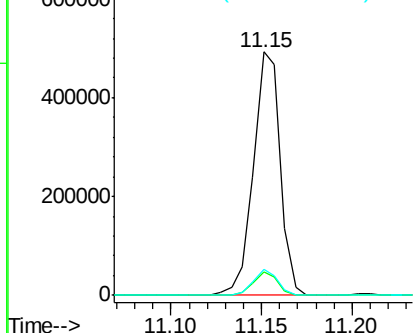
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 506000
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.8 10.2 15.2

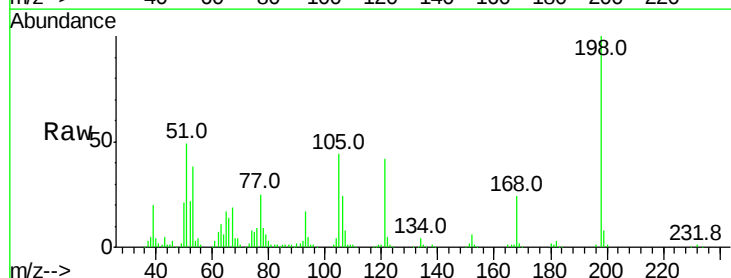


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

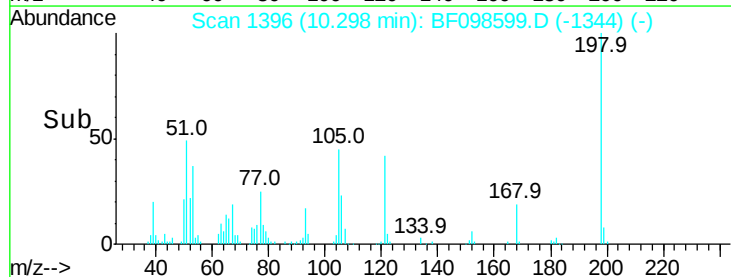
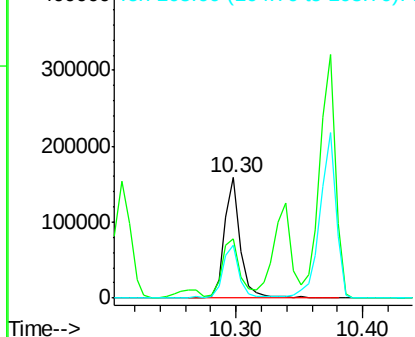


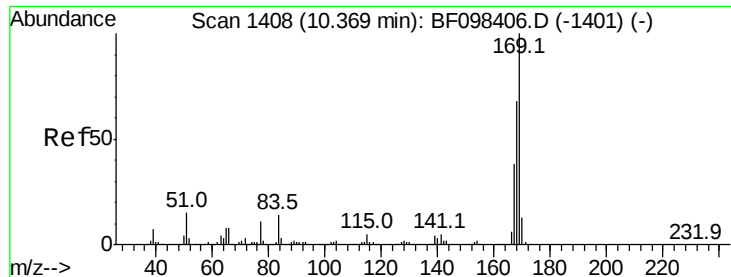
#64
4,6-Dinitro-2-methylphenol
Concen: 45.247 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion:198 Resp: 139440
Ion Ratio Lower Upper
198 100
51 49.1 53.2 93.2#
105 44.4 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: 42.976 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

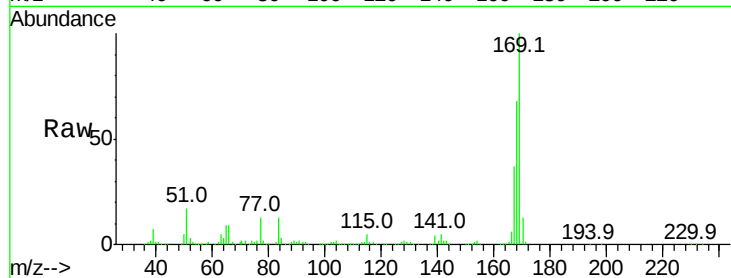
Tot Ion:169 Resp: 706096

Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

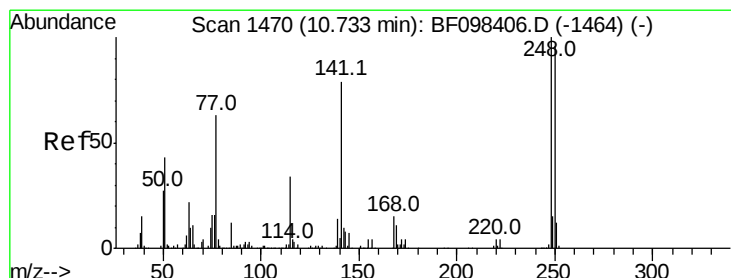
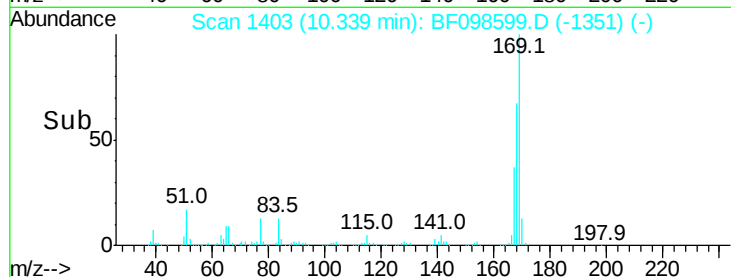
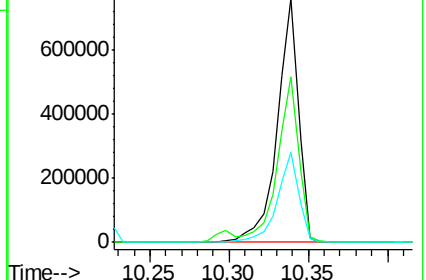
167 36.7 29.5 44.3



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: 48.390 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

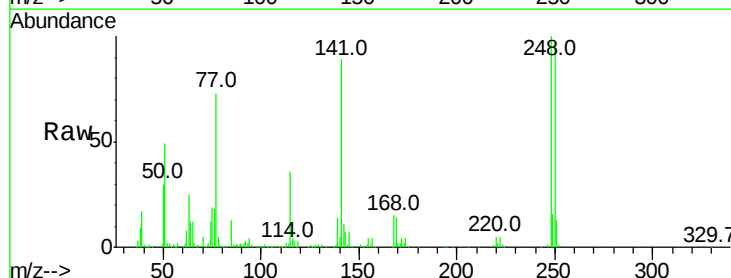
Tgt Ion:248 Resp: 232390

Ion Ratio Lower Upper

248 100

250 97.5 76.8 115.2

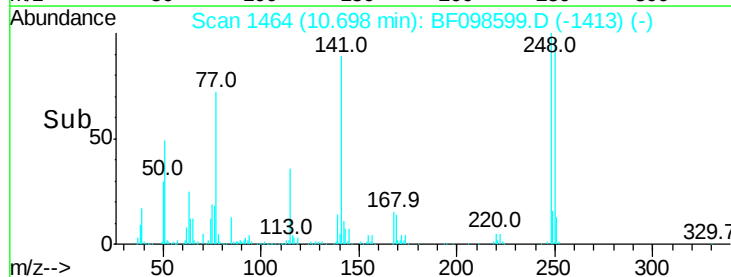
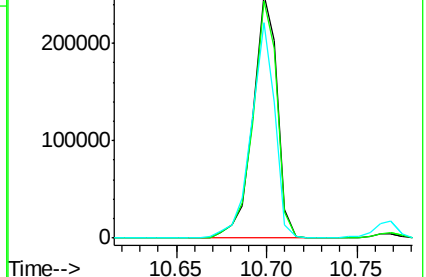
141 88.7 68.6 103.0

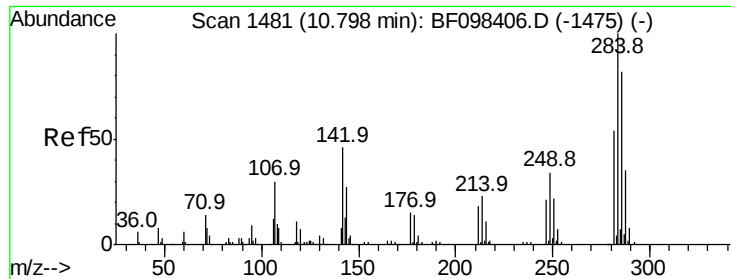


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

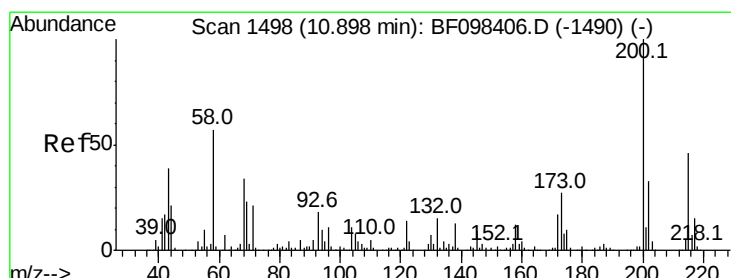
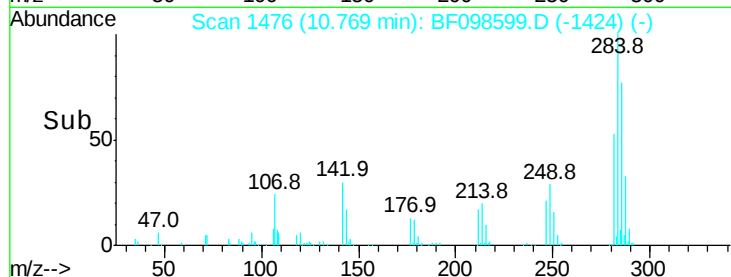
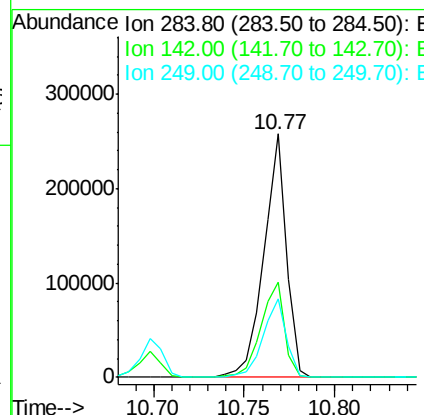
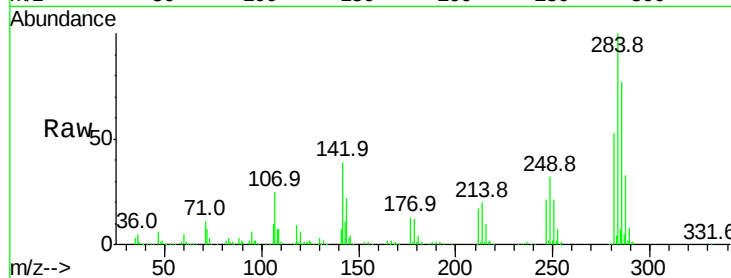




#67
Hexachlorobenzene
Concen: 45.924 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

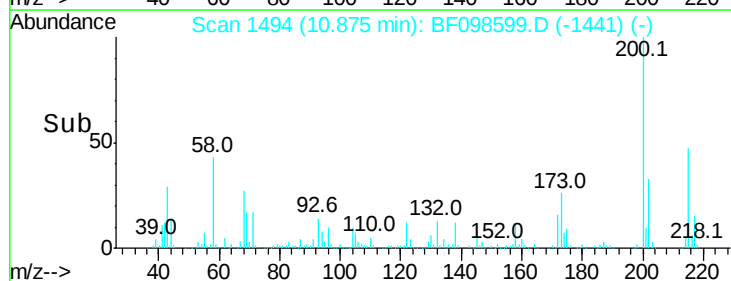
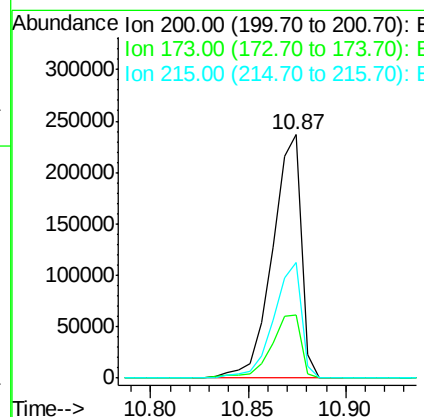
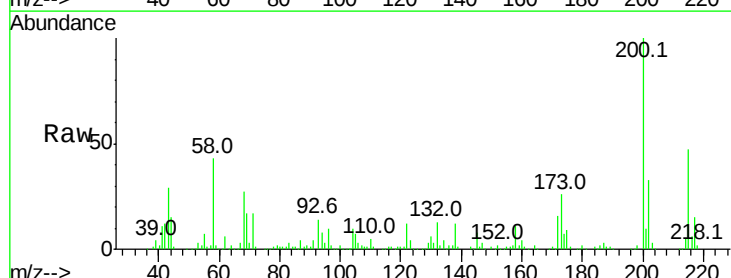
Instrument :
BNA_F
ClientSampleId :

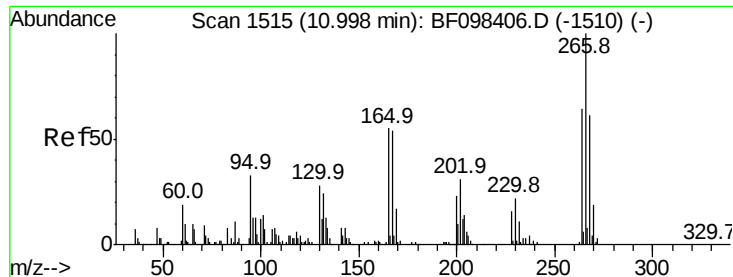
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.0	22.8	34.2#
249	32.1	24.0	36.0



#68
Atrazine
Concen: 47.881 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.8	6.3	46.3
215	47.5	27.2	67.2

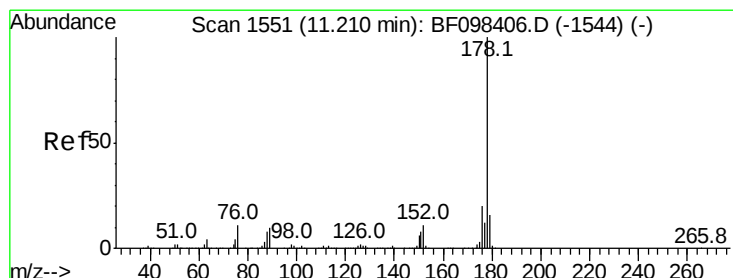
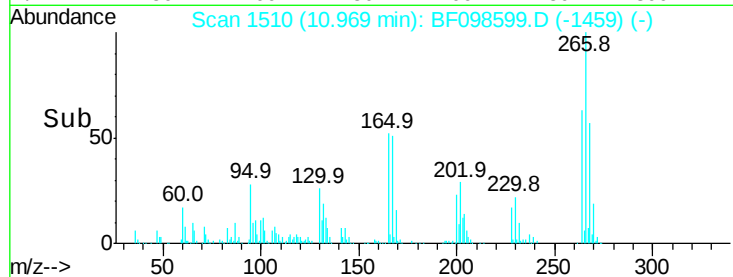
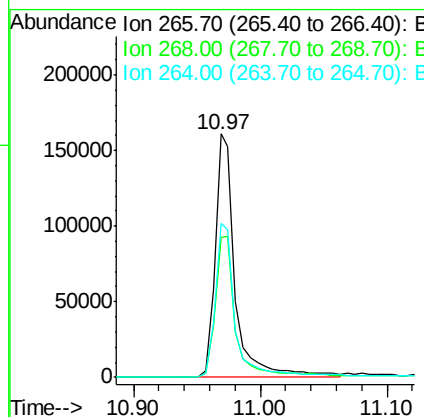
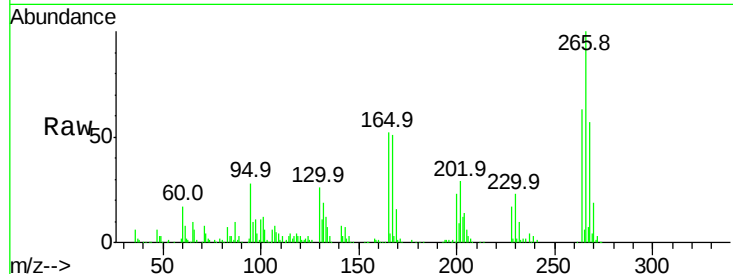




#69
 Pentachlorophenol
 Concen: 83.152 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

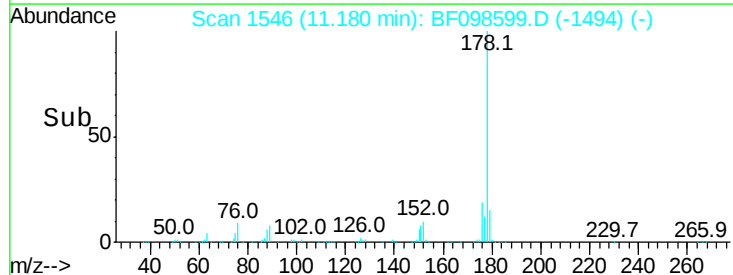
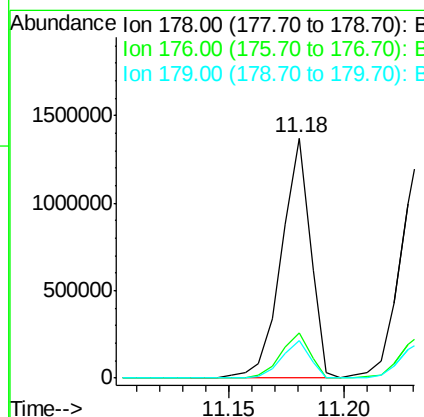
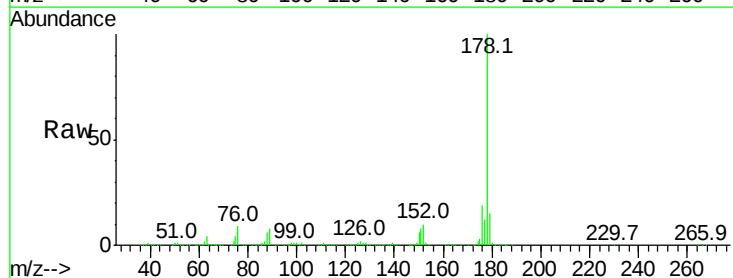
Instrument :
 BNA_F
 ClientSampleId :

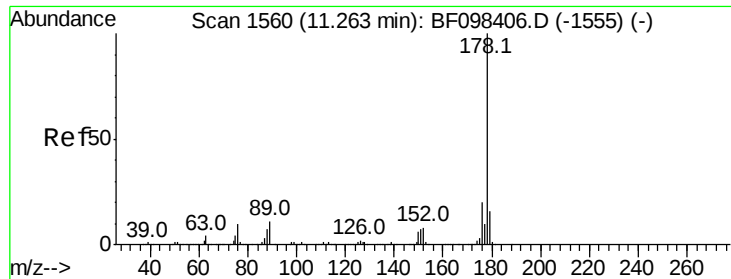
Tot Ion:266 Resp: 179947
 Ion Ratio Lower Upper
 266 100
 268 57.3 51.1 76.7
 264 63.1 51.7 77.5



#70
 Phenanthrene
 Concen: 44.395 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion:178 Resp: 1190890
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.2 24.4
 179 15.4 12.6 19.0

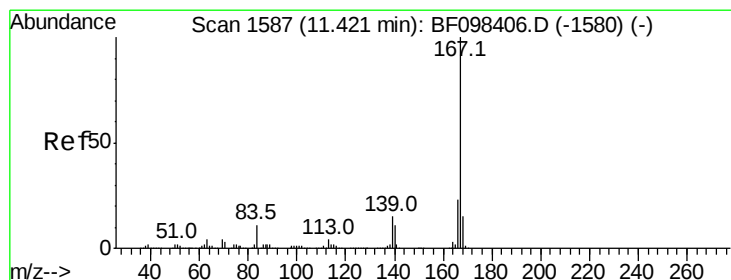
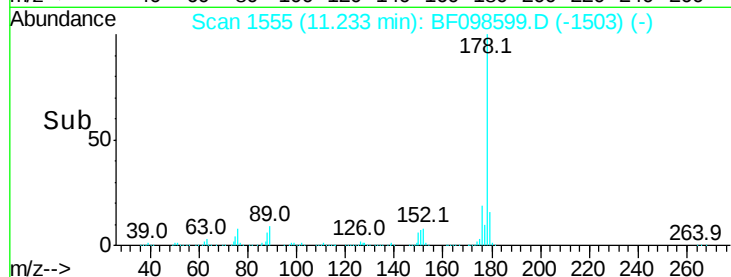
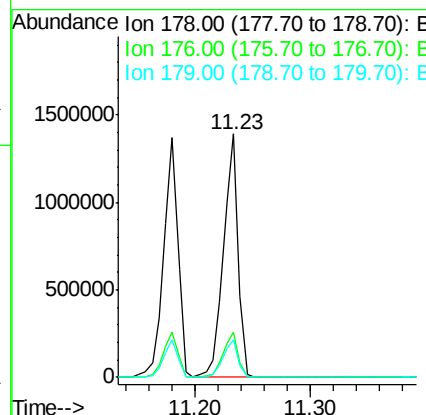
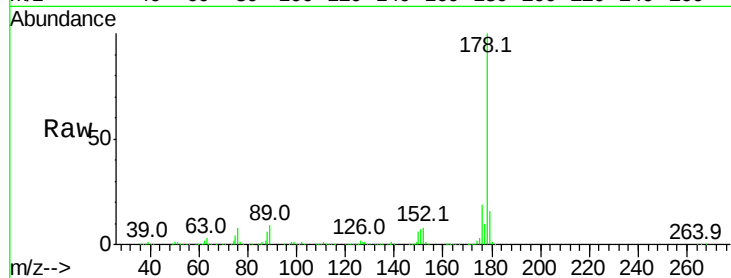




#71
 Anthracene
 Concen: 44.431 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

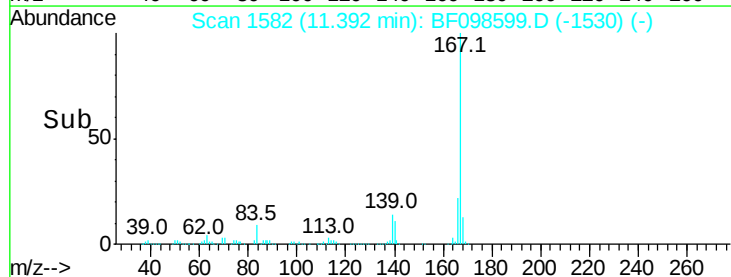
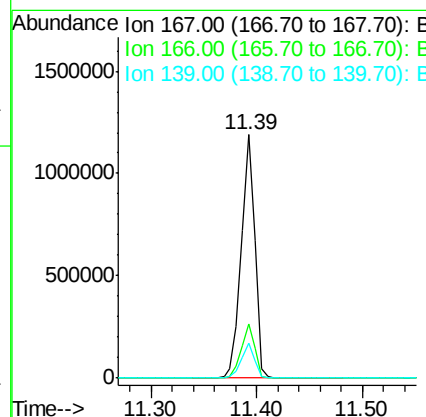
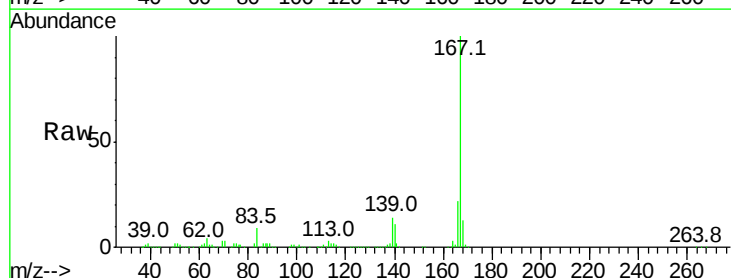
Instrument :
 BNA_F
 ClientSampleId :

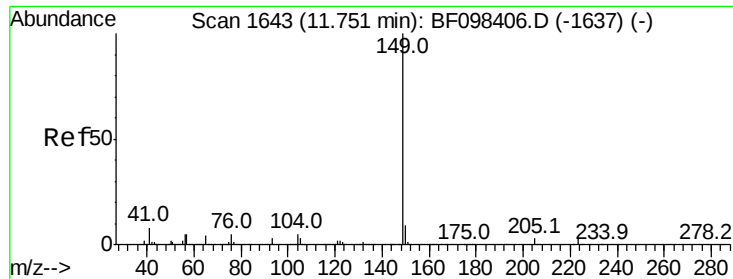
Tot Ion:178 Resp: 1223653
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 40.838 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion:167 Resp: 1048185
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 14.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.239 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

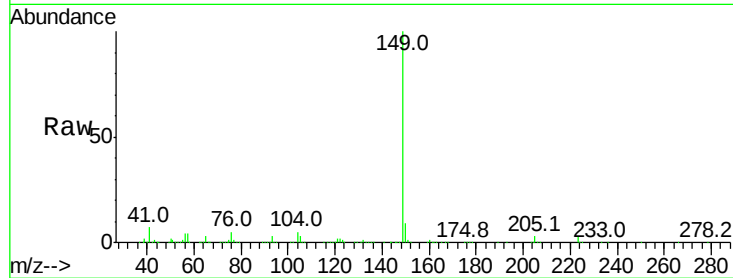
Tot Ion:149 Resp: 1421981

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

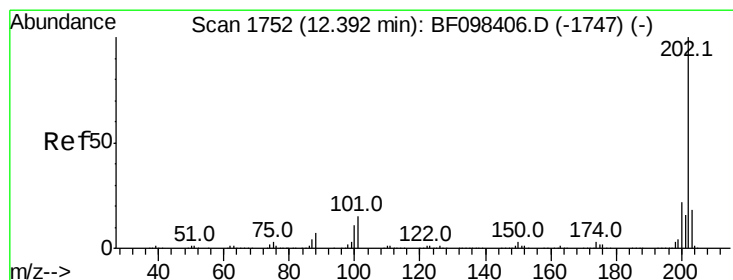
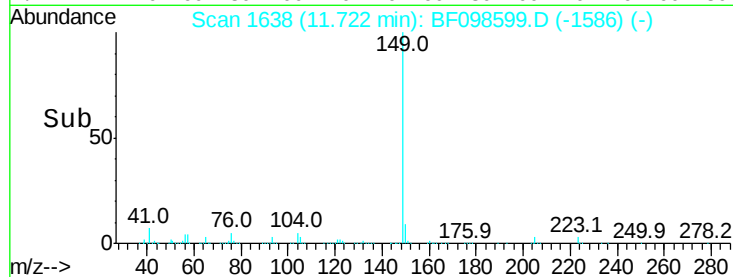
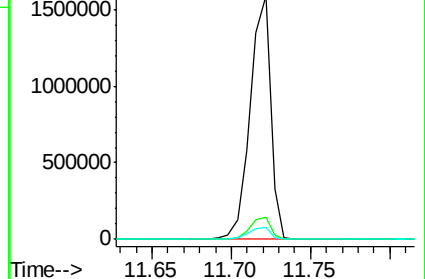
104 4.9 4.0 6.0



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: 45.093 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

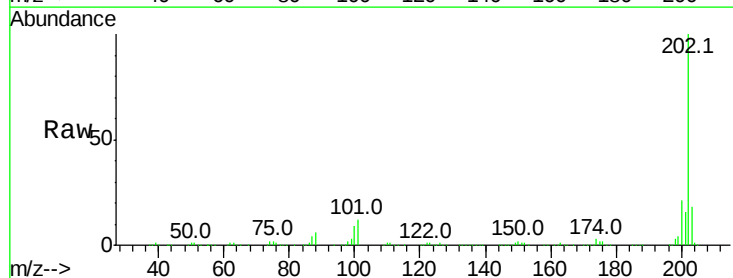
Tgt Ion:202 Resp: 1210892

Ion Ratio Lower Upper

202 100

101 12.3 0.0 33.2

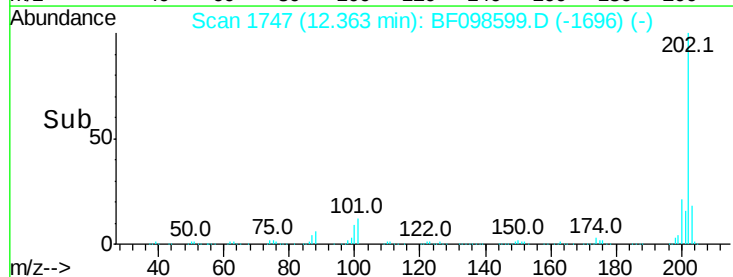
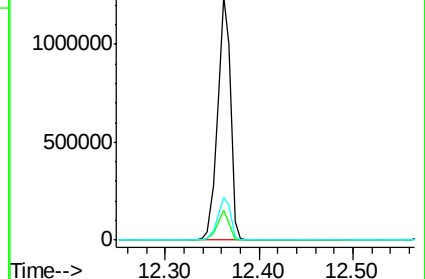
203 17.6 0.0 38.1

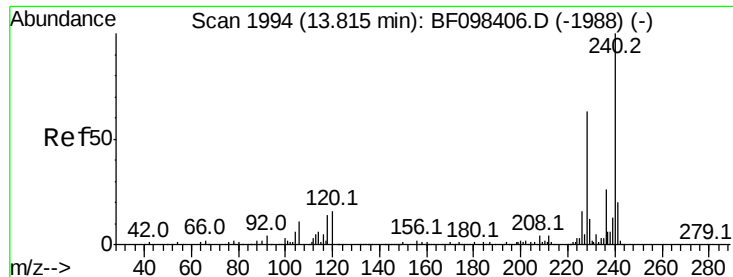


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1990

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

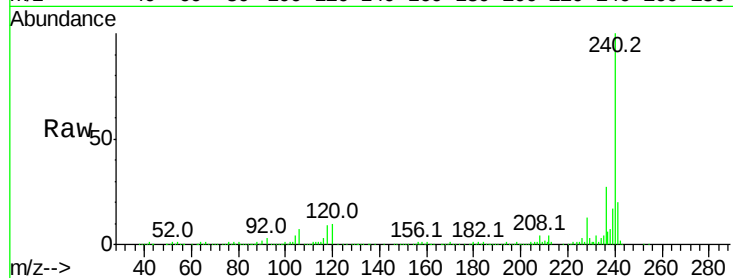
Tot Ion:240 Resp: 340917

Ion Ratio Lower Upper

240 100

120 9.9 5.8 8.8#

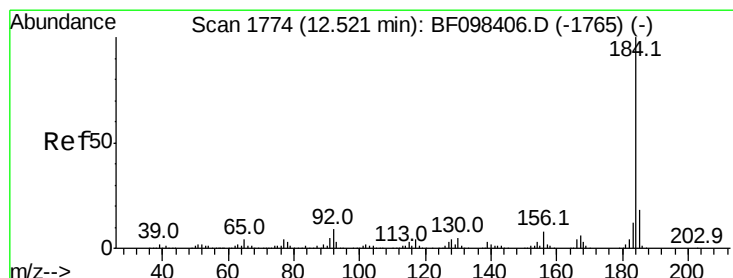
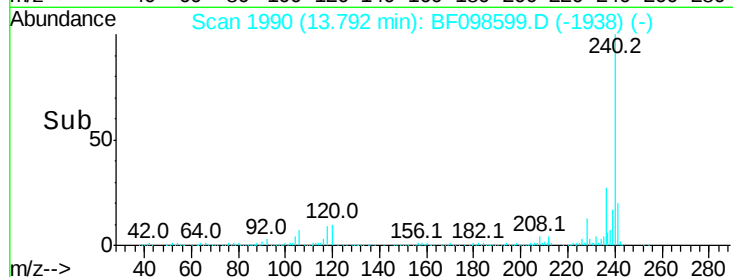
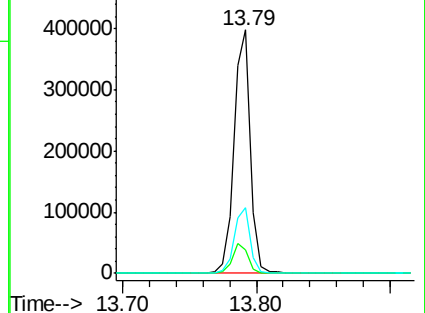
236 26.8 20.5 30.7



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: 32.620 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

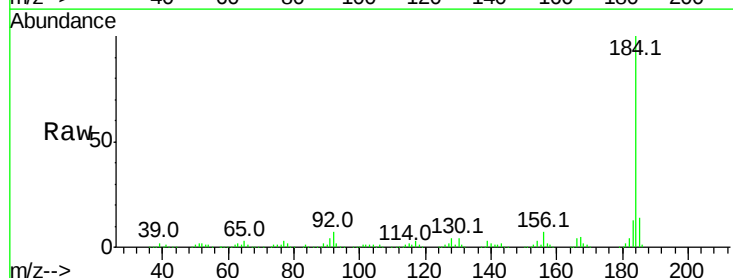
Tgt Ion:184 Resp: 492167

Ion Ratio Lower Upper

184 100

185 14.5 15.5 23.3#

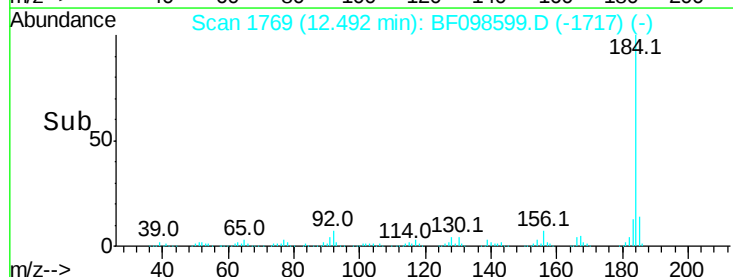
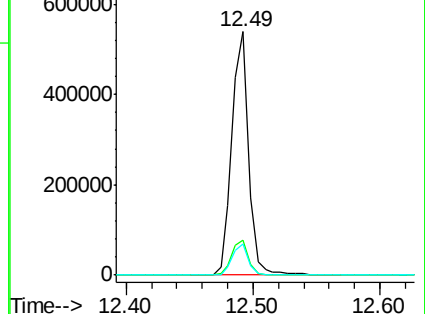
183 12.6 9.8 14.6

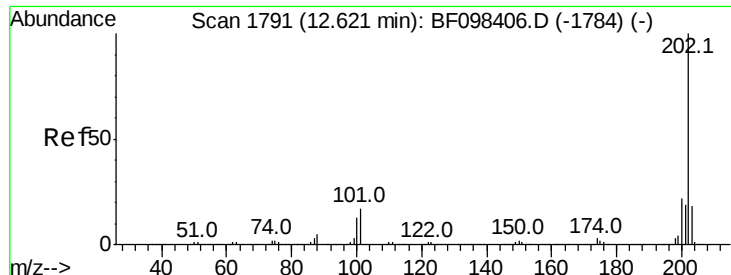


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

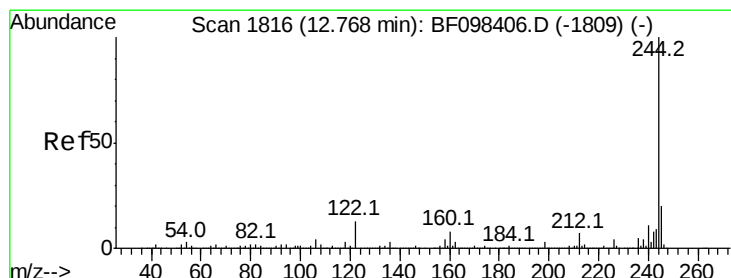
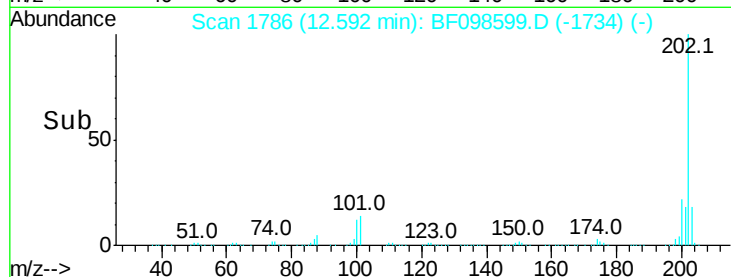
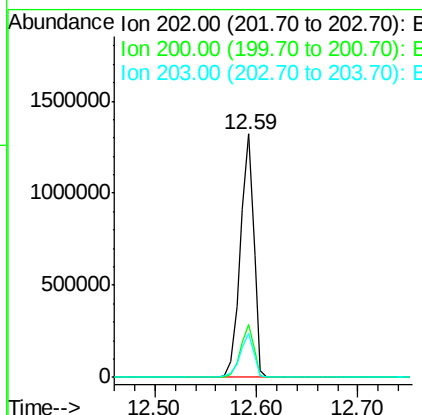
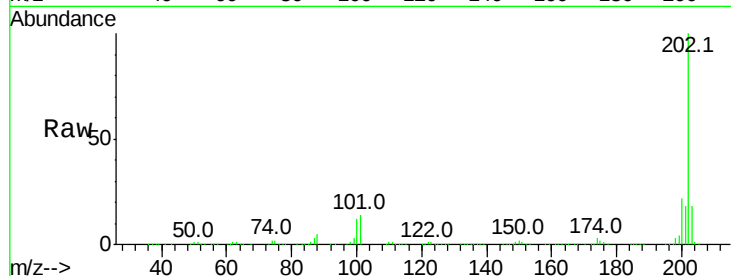




#77
Pvrene
Concen: 45.093 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

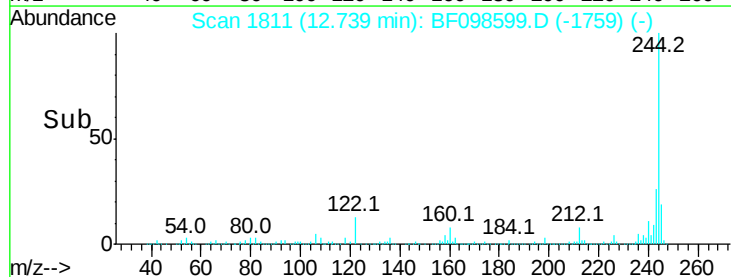
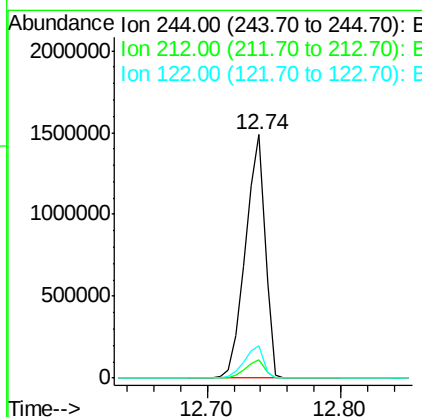
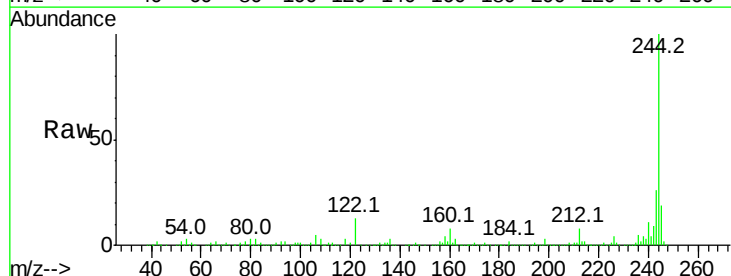
Instrument :
BNA_F
ClientSampleId :

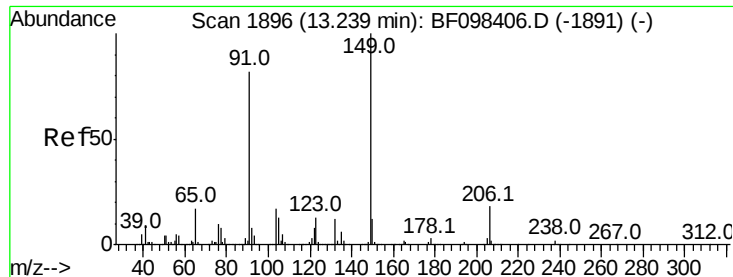
Tot Ion:202 Resp: 1212731
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 95.511 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion:244 Resp: 1508544
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 13.2 10.3 15.5

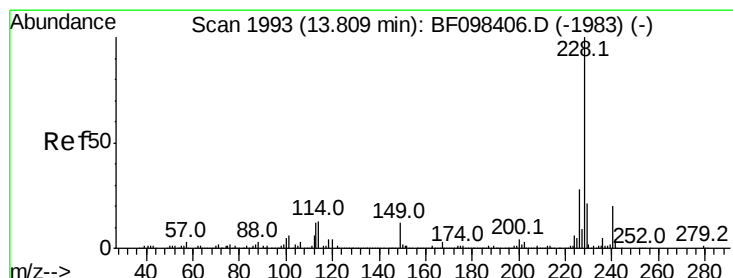
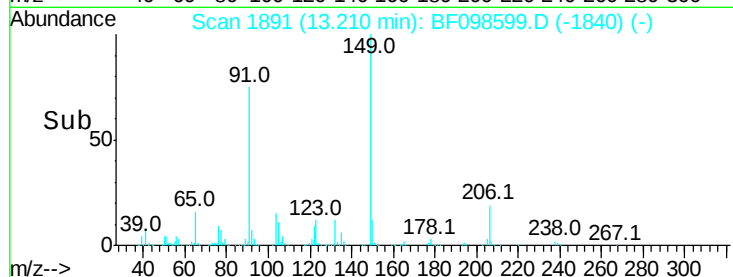
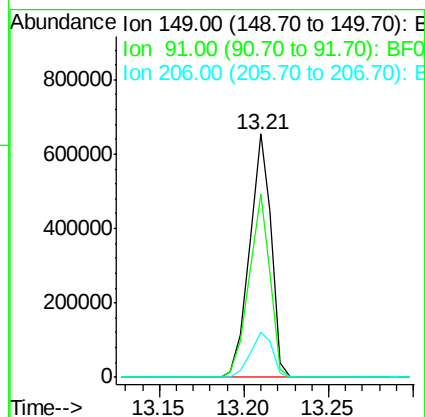
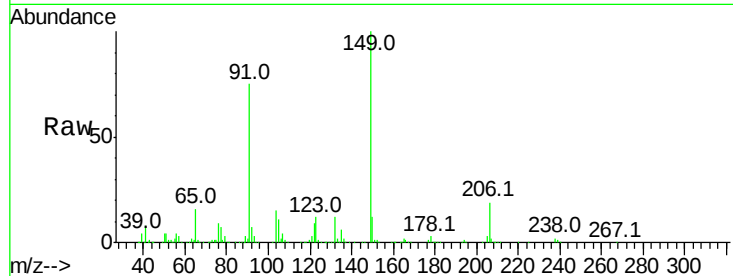




#79
Butylbenzylphthalate
Concen: 50.112 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

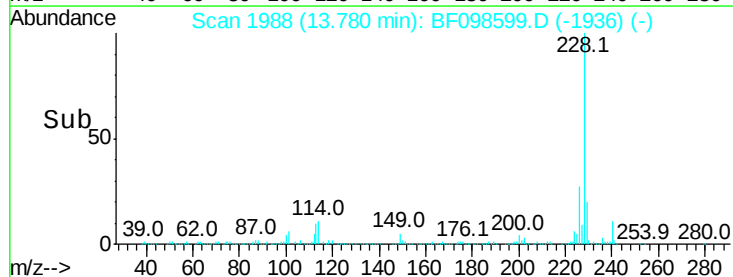
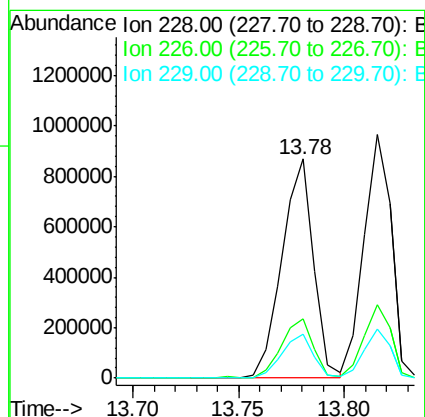
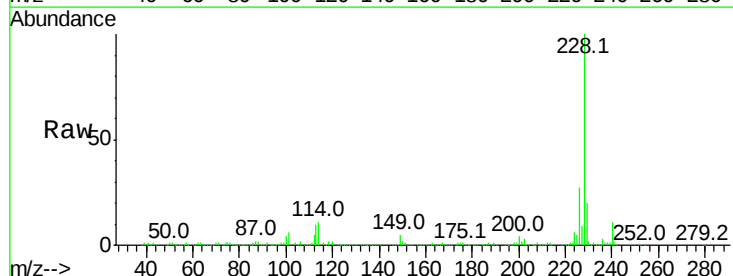
Instrument :
BNA_F
ClientSampled :

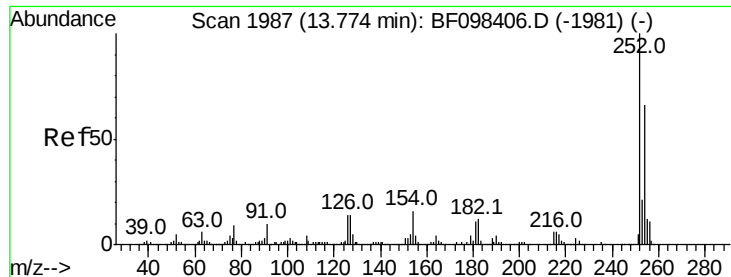
Tot Ion:149 Resp: 584663
Ion Ratio Lower Upper
149 100
91 75.3 45.0 67.4#
206 18.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.324 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF098599.D
Acq: 18 Sep 2017 13:50

Tgt Ion:228 Resp: 905912
Ion Ratio Lower Upper
228 100
226 27.3 22.6 33.8
229 19.8 16.3 24.5

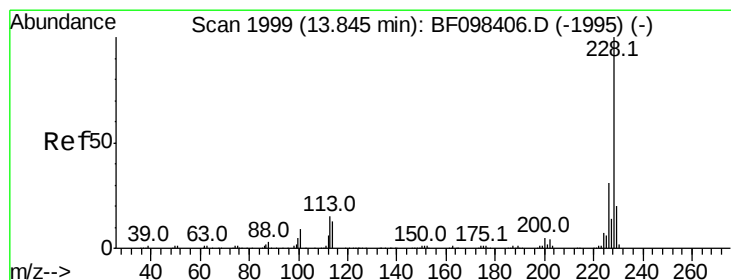
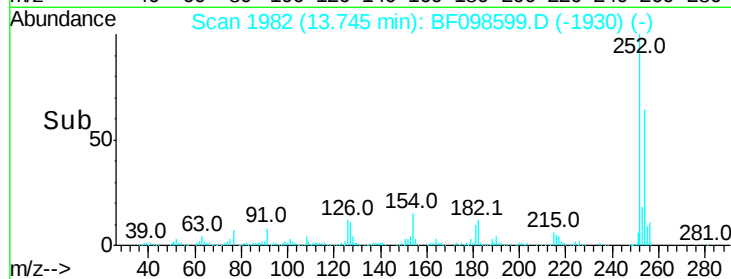
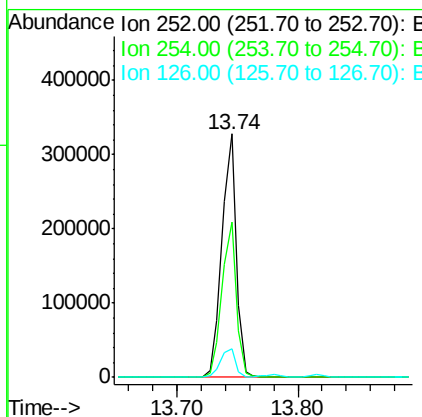
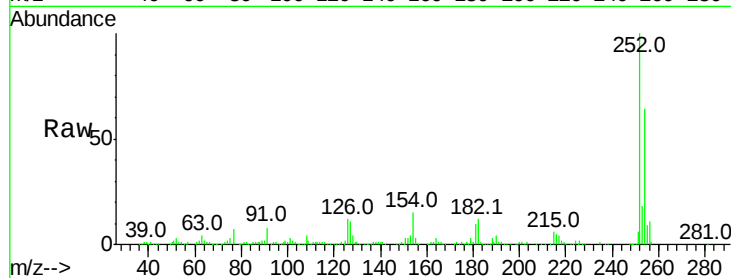




#81
 3,3'-Dichlorobenzidine
 Concen: 34.814 ng
 RT: 13.74 min Scan# 1982
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

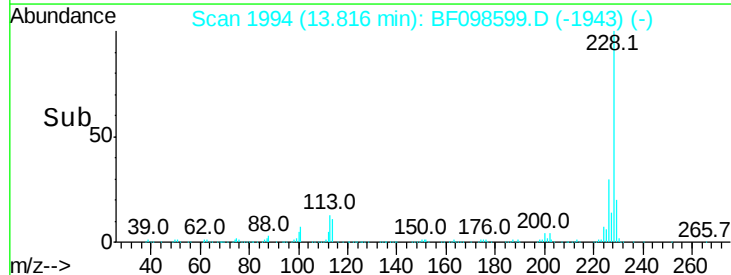
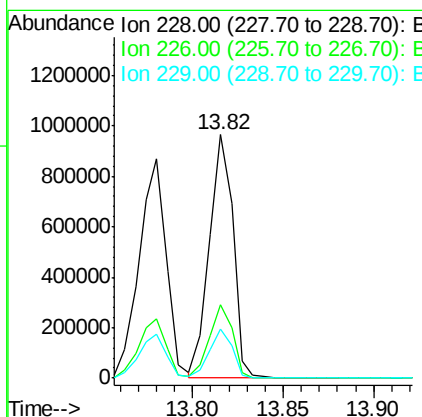
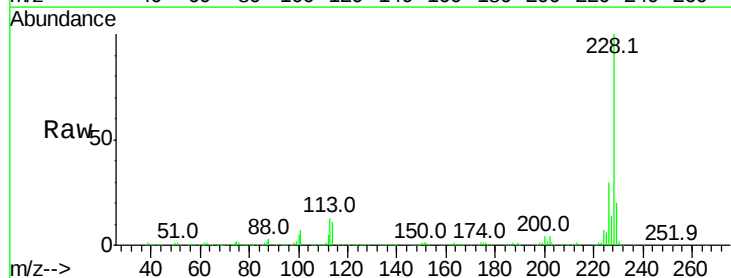
Instrument :
 BNA_F
 ClientSampleId :

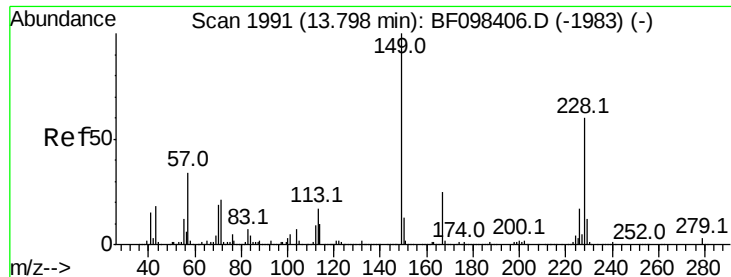
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	11.6	15.8	23.8



#82
 Chrysene
 Concen: 43.344 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	20.0	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.610 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

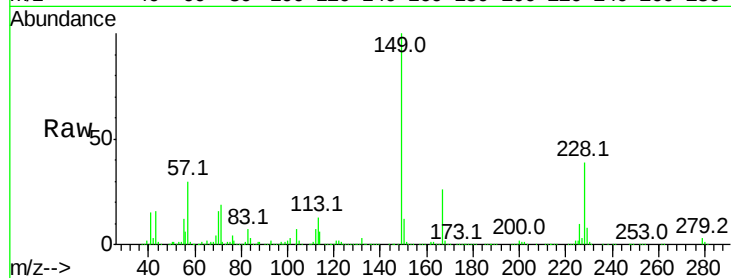
Tot Ion:149 Resp: 799631

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

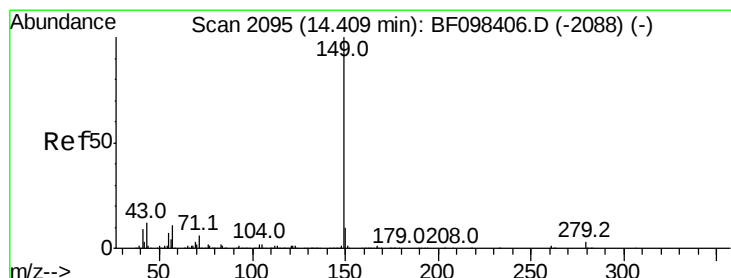
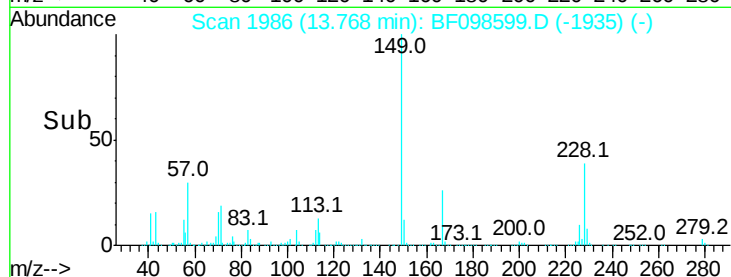
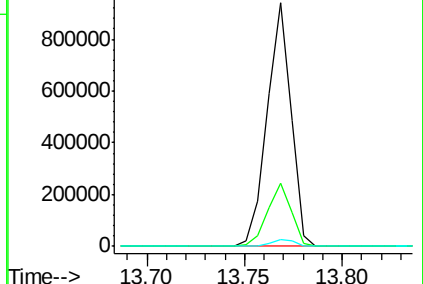
279 3.0 1.9 2.9#



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: 51.971 ng

RT: 14.38 min Scan# 2090

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

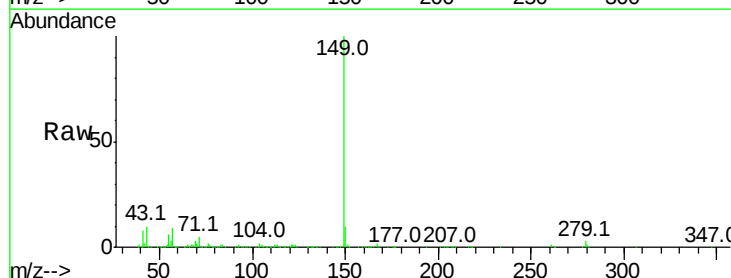
Tgt Ion:149 Resp: 1305640

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

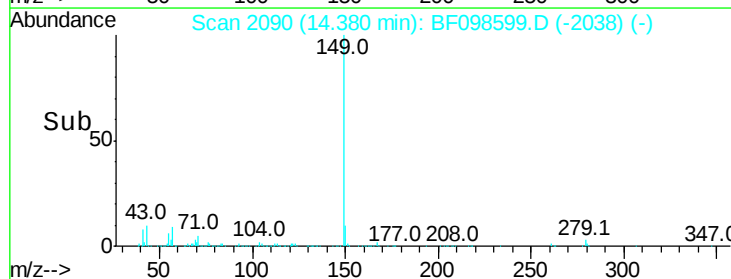
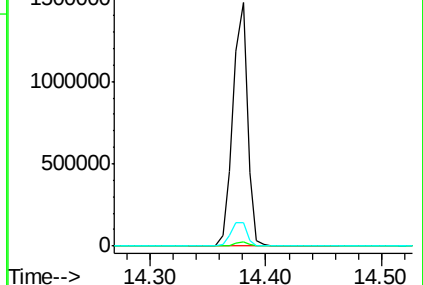
43 10.7 8.5 12.7

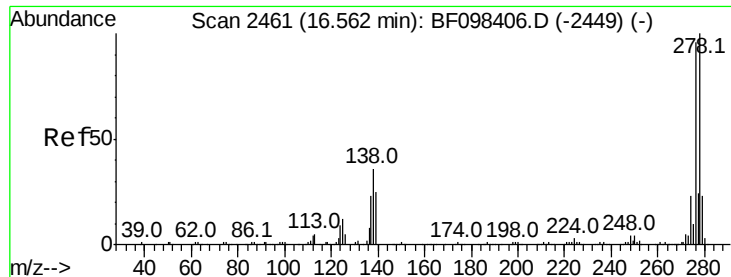


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

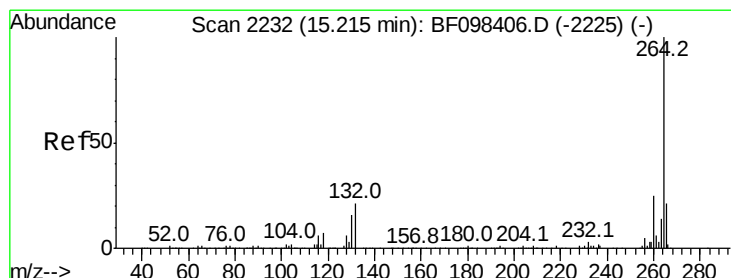
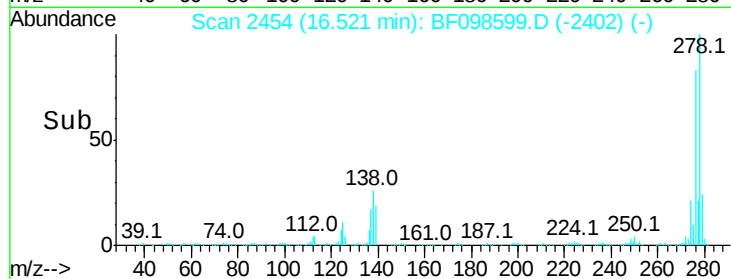
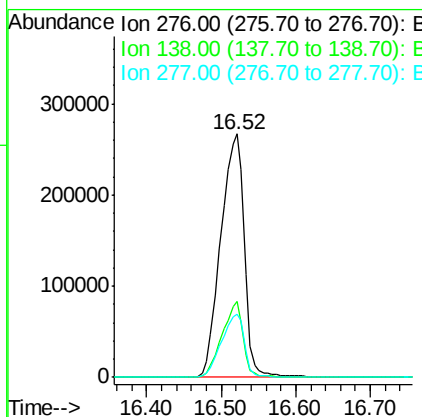
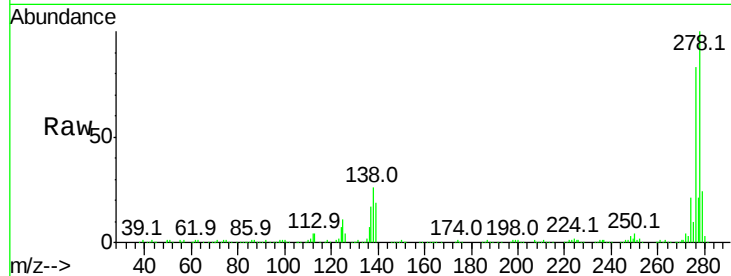




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.603 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

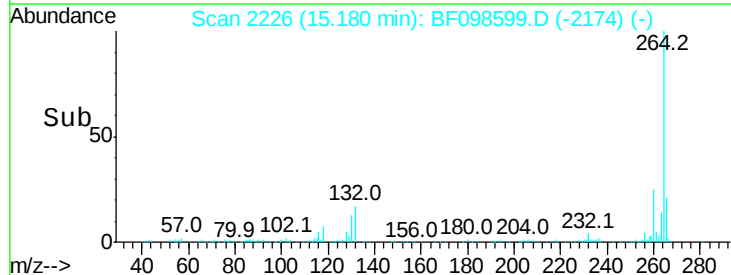
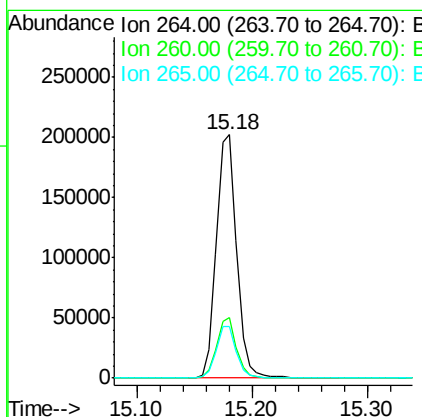
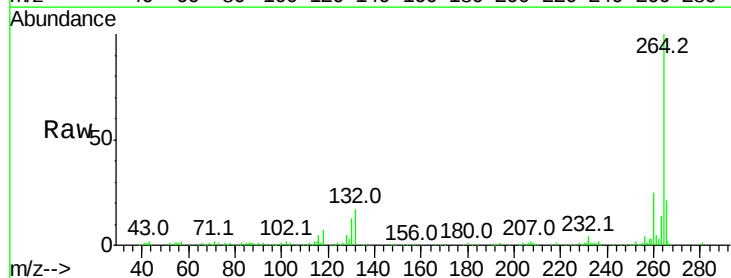
Instrument :
 BNA_F
 ClientSampleId :

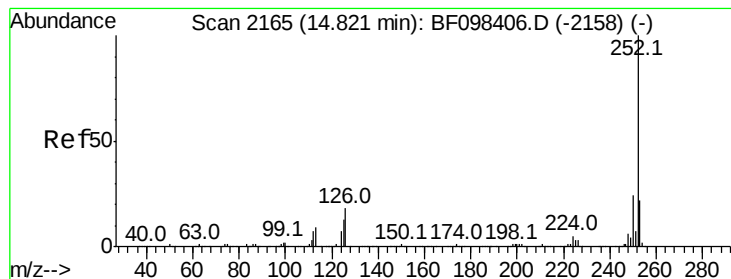
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF098599.D
 Acq: 18 Sep 2017 13:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.355 ng

RT: 14.79 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampled :

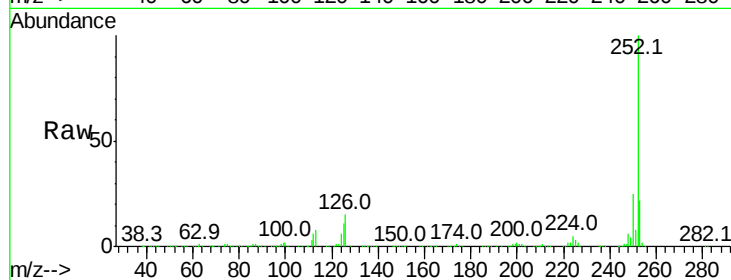
Tot Ion:252 Resp: 703700

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

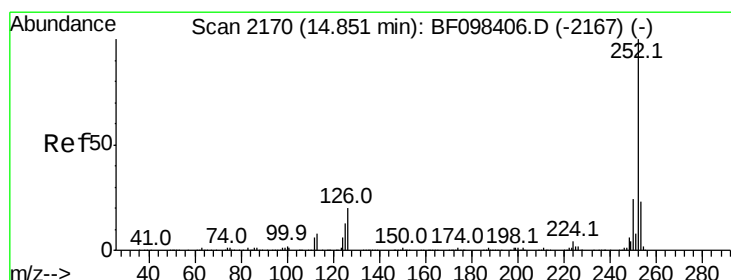
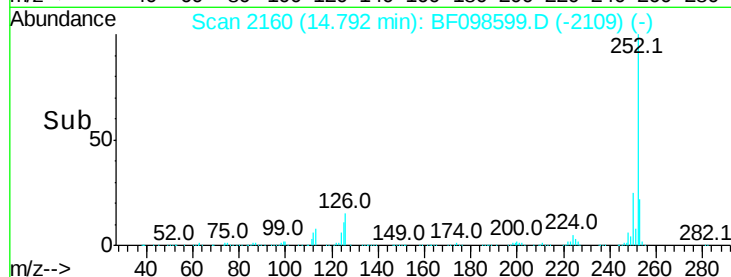
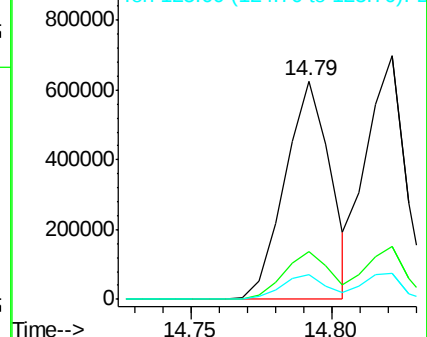
125 11.1 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.481 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

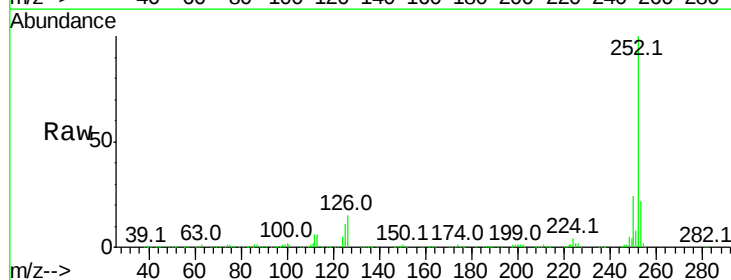
Tgt Ion:252 Resp: 673251

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

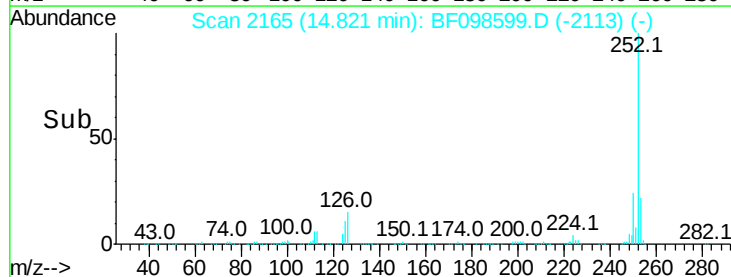
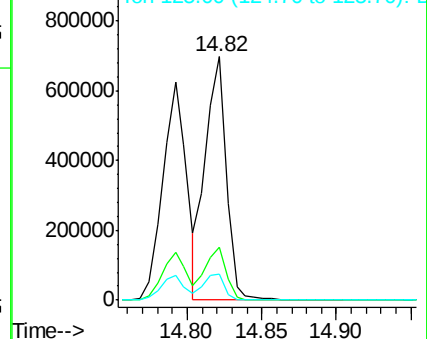
125 10.5 13.1 19.7#

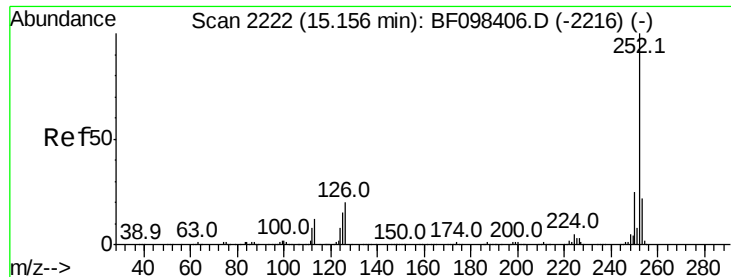


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 46.519 ng

RT: 15.13 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

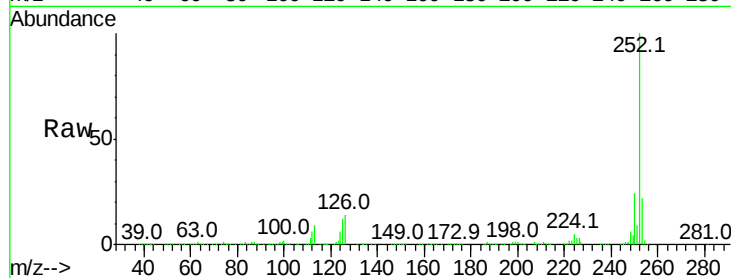
Tot Ion:252 Resp: 643009

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

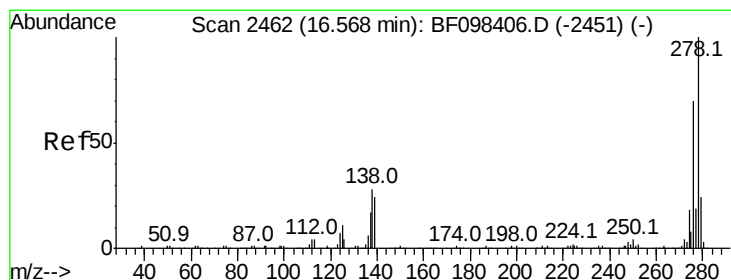
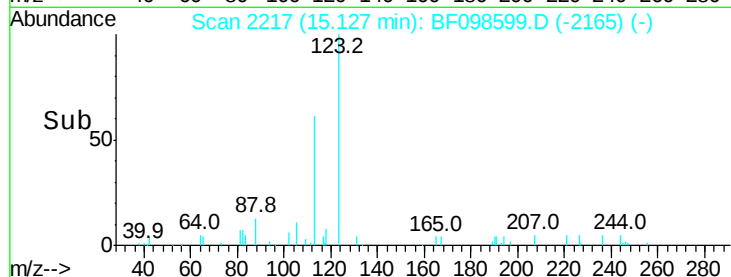
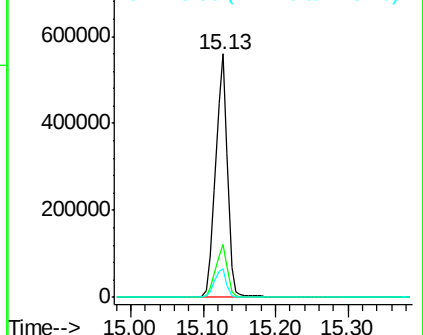
125 11.7 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.730 ng

RT: 16.52 min Scan# 2454

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

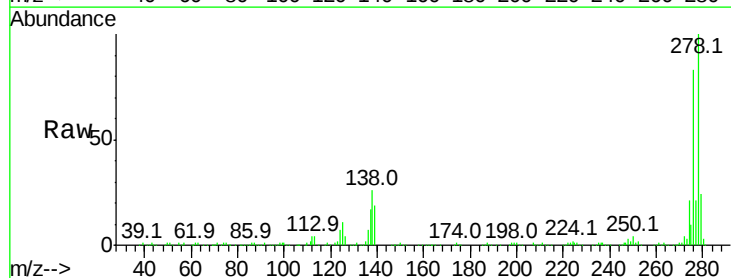
Tgt Ion:278 Resp: 500036

Ion Ratio Lower Upper

278 100

139 19.0 16.6 24.8

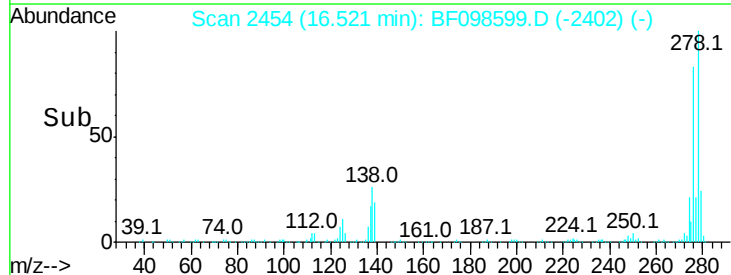
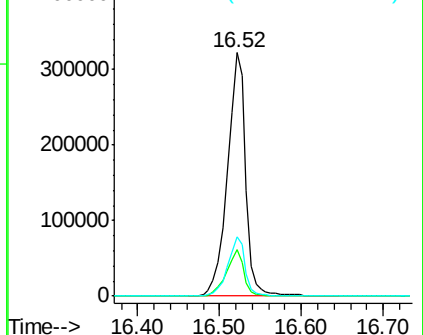
279 24.3 19.3 28.9

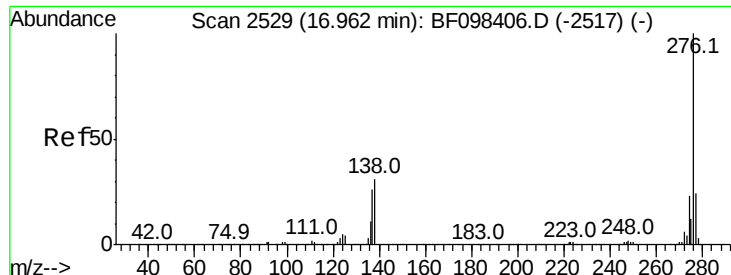


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.903 ng

RT: 16.92 min Scan# 2521

Delta R.T. 0.01 min

Lab File: BF098599.D

Acq: 18 Sep 2017 13:50

Instrument :

BNA_F

ClientSampleId :

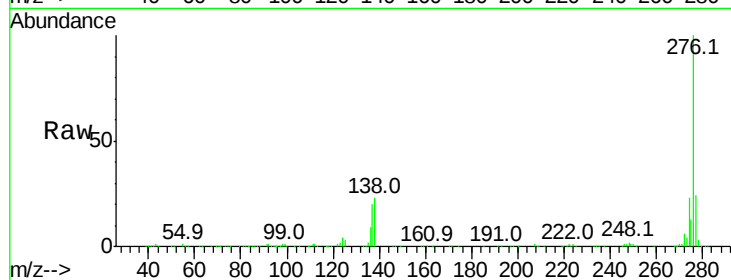
Tot Ion:276 Resp: 484465

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 23.3 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

