

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF098998.D
 Acq On : 2 Oct 2017 14:29
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 02 17:15:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	128595	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	537496	20.00	ng	-0.02
38) Acenaphthene-d10	9.95	164	241912	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	423296	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	299735	20.00	ng	-0.01
86) Perylene-d12	15.56	264	249570	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	678512	83.99	ng	-0.02
7) Phenol-d6	6.53	99	843833	84.68	ng	-0.02
23) Nitrobenzene-d5	7.47	82	708989	84.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	169487	85.62	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1240860	85.63	ng	-0.02
78) Terphenyl-d14	13.02	244	1137203	86.28	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	157331	40.772	ng	98
3) Pyridine	3.48	79	422693	40.493	ng	97
4) n-Nitrosodimethylamine	3.44	42	176531	39.880	ng	90
6) Aniline	6.57	93	554987	41.264	ng	99
8) 2-Chlorophenol	6.69	128	381048	41.653	ng	99
9) Benzaldehyde	6.46	77	217979	37.709	ng	97
10) Phenol	6.55	94	475238	42.642	ng	94
11) bis(2-Chloroethyl)ether	6.64	93	360377	41.594	ng	98
12) 1,3-Dichlorobenzene	6.85	146	395219	41.252	ng	98
13) 1,4-Dichlorobenzene	6.92	146	407226	41.777	ng	99
14) 1,2-Dichlorobenzene	7.07	146	376717	41.826	ng	99
15) Benzyl Alcohol	7.05	79	300711	41.134	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	539269	39.949	ng	97
17) 2-Methylphenol	7.15	107	307520	41.084	ng	98
18) Hexachloroethane	7.42	117	144898	41.356	ng	96
19) n-Nitroso-di-n-propylamine	7.32	70	249990	39.292	ng	97
20) 3+4-Methylphenols	7.30	107	381975	40.338	ng	91
22) Acetophenone	7.32	105	515824	39.610	ng	# 95
24) Nitrobenzene	7.49	77	397999	41.861	ng	100
25) Isophorone	7.73	82	704077	40.631	ng	98
26) 2-Nitrophenol	7.80	139	207493	45.384	ng	90
27) 2,4-Dimethylphenol	7.83	122	352470	40.823	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	448007	41.487	ng	99
29) 2,4-Dichlorophenol	8.04	162	311731	42.051	ng	100
30) 1,2,4-Trichlorobenzene	8.13	180	310391	41.864	ng	98
31) Naphthalene	8.21	128	1038029	41.120	ng	100
32) Benzoic acid	7.96	122	251463	35.455	ng	96
33) 4-Chloroaniline	8.26	127	444116	42.128	ng	97
34) Hexachlorobutadiene	8.32	225	159117	41.666	ng	99
35) Caprolactam	8.64	113	97409	40.964	ng	91
36) 4-Chloro-3-methylphenol	8.73	107	340483	40.863	ng	97
37) 2-Methylnaphthalene	8.90	142	685250	41.756	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	308627	42.779	ng	99
40) Hexachlorocyclopentadiene	9.05	237	114359	34.686	ng	97

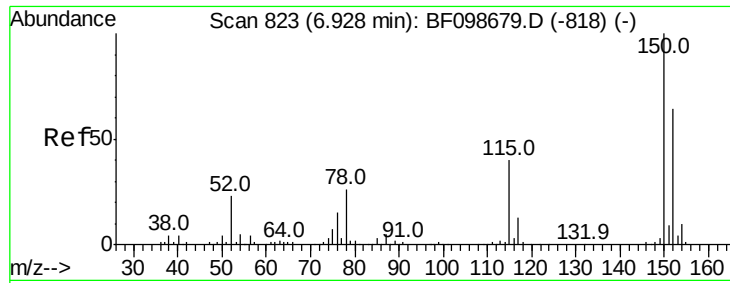
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF098998.D
 Acq On : 2 Oct 2017 14:29
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
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Quant Time: Oct 02 17:15:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	213145	41.703	ng	98
43) 2,4,5-Trichlorophenol	9.22	196	217315	42.594	ng	97
45) 1,1'-Biphenyl	9.36	154	870128	41.851	ng	100
46) 2-Chloronaphthalene	9.39	162	653366	41.855	ng	98
47) 2-Nitroaniline	9.49	65	202329	42.330	ng	97
48) Acenaphthylene	9.81	152	996498	41.700	ng	99
49) Dimethylphthalate	9.66	163	764482	41.871	ng	100
50) 2,6-Dinitrotoluene	9.73	165	170552	42.907	ng	98
51) Acenaphthene	9.98	154	632444	41.780	ng	100
52) 3-Nitroaniline	9.90	138	201687	43.516	ng	94
53) 2,4-Dinitrophenol	10.00	184	75515	39.660	ng	92
54) Dibenzofuran	10.15	168	845581	41.954	ng	99
55) 4-Nitrophenol	10.05	139	157581	40.209	ng	93
56) 2,4-Dinitrotoluene	10.13	165	230175	44.618	ng	89
57) Fluorene	10.49	166	680895	42.032	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	146107	41.455	ng	98
59) Diethylphthalate	10.36	149	735858	41.246	ng	98
60) 4-Chlorophenyl-phenylether	10.48	204	299625	41.175	ng	98
61) 4-Nitroaniline	10.52	138	194845	43.575	ng	93
62) Azobenzene	10.64	77	665828	40.589	ng	95
64) 4,6-Dinitro-2-methylphenol	10.54	198	113604	44.110	ng	96
65) n-Nitrosodiphenylamine	10.60	169	610667	41.643	ng	100
66) 4-Bromophenyl-phenylether	10.97	248	175368	42.325	ng	93
67) Hexachlorobenzene	11.04	284	189195	42.753	ng	98
68) Atrazine	11.13	200	184850	41.897	ng	99
69) Pentachlorophenol	11.23	266	105335	38.246	ng	99
70) Phenanthrene	11.46	178	940879	41.525	ng	99
71) Anthracene	11.51	178	966102	41.672	ng	100
72) Carbazole	11.66	167	941011	41.449	ng	100
73) Di-n-butylphthalate	11.99	149	1136520	41.590	ng	99
74) Fluoranthene	12.64	202	939592	40.952	ng	99
76) Benzidine	12.76	184	456848	41.209	ng	100
77) Pyrene	12.87	202	976570	42.727	ng	100
79) Butylbenzylphthalate	13.49	149	473254	44.057	ng	93
80) Benzo(a)anthracene	14.06	228	758557	41.794	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	270545	40.662	ng	99
82) Chrysene	14.10	228	718854	41.602	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	644201	43.554	ng	# 98
84) Di-n-octyl phthalate	14.65	149	1038806	43.617	ng	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	622225	45.016	ng	97
87) Benzo(b)fluoranthene	15.12	252	664705	43.319	ng	97
88) Benzo(k)fluoranthene	15.16	252	592903	39.120	ng	98
89) Benzo(a)pyrene	15.50	252	587584	41.716	ng	# 97
90) Dibenzo(a,h)anthracene	17.09	278	506115	44.899	ng	97
91) Benzo(g,h,i)perylene	17.53	276	511901	45.941	ng	96

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

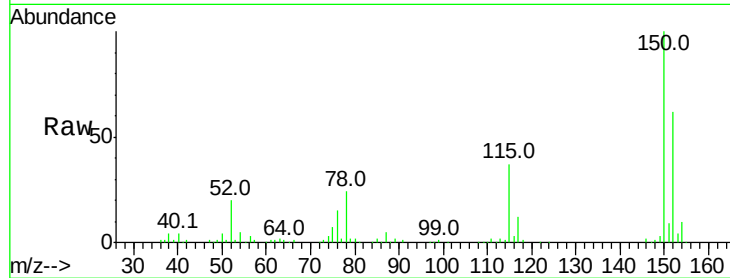


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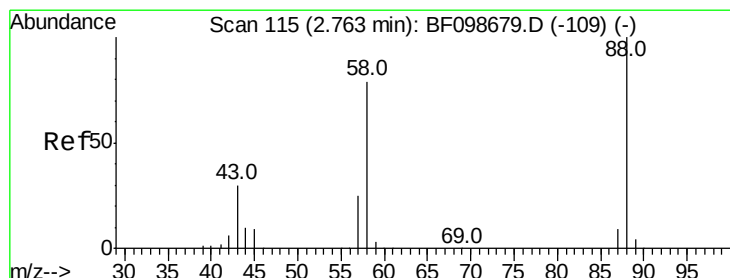
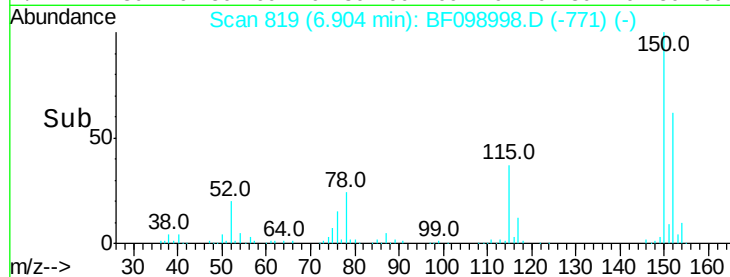
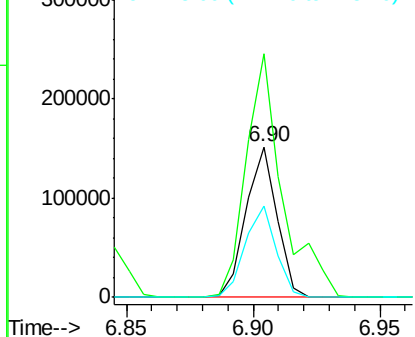
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128595
Ion Ratio Lower Upper
152 100
150 161.9 124.6 186.8
115 60.6 50.1 75.1



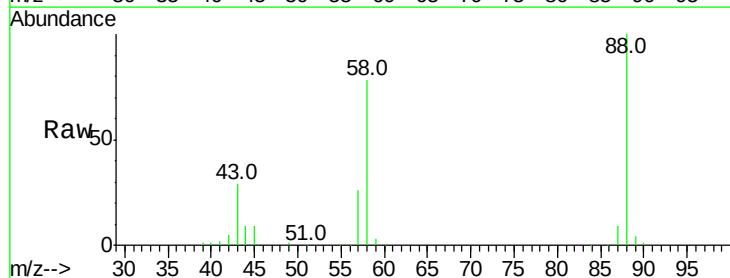
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



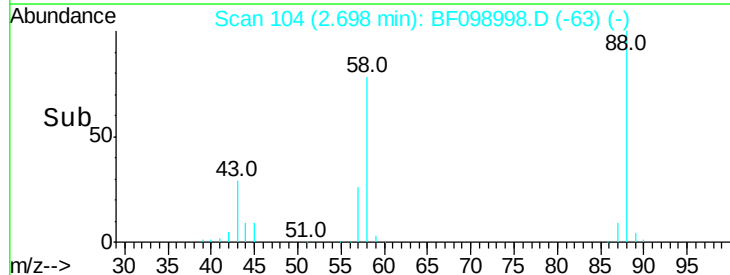
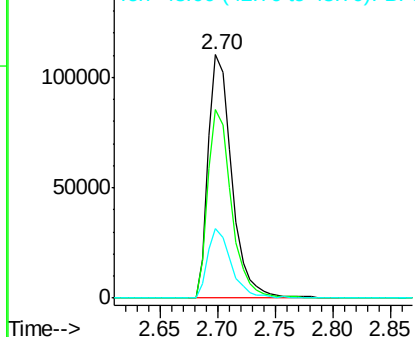
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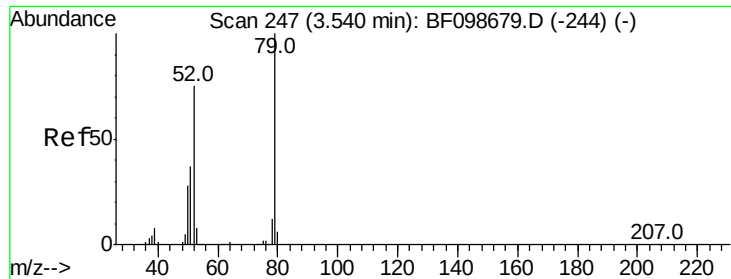
1,4-Dioxane
Concen: 40.772 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.06 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Tgt Ion: 88 Resp: 157331
Ion Ratio Lower Upper
88 100
58 77.4 62.6 93.8
43 28.6 24.6 37.0



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

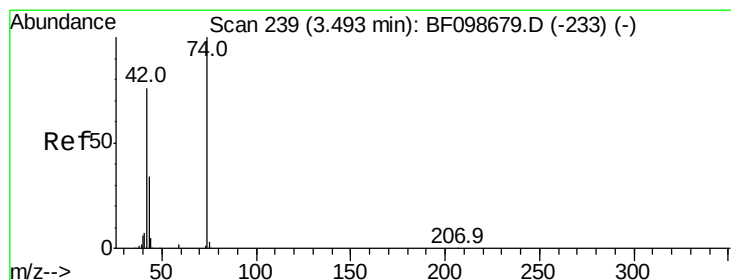
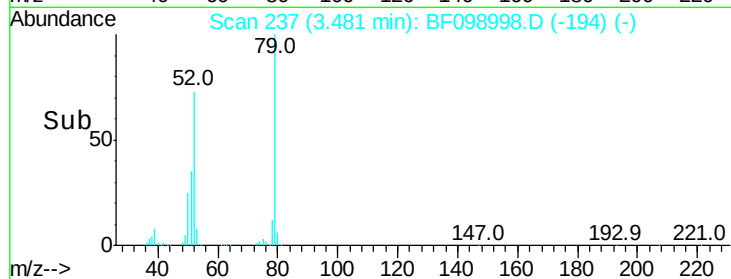
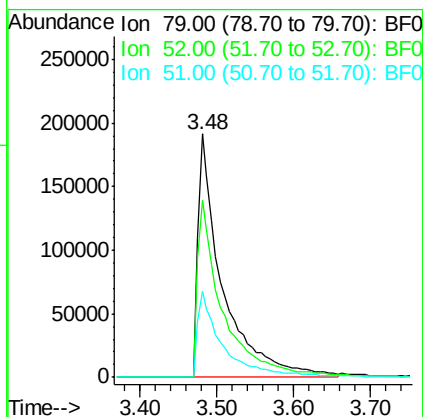
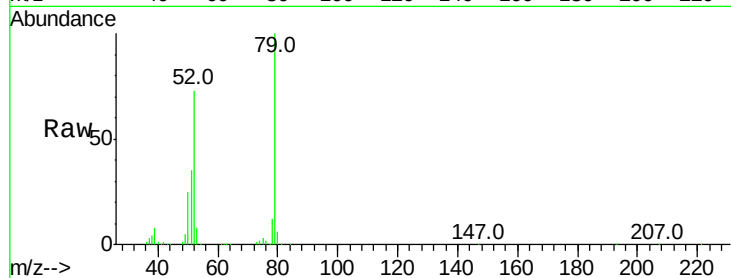




#3
 Pvridine
 Concen: 40.493 ng
 RT: 3.48 min Scan# 237
 Delta R.T. -0.05 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

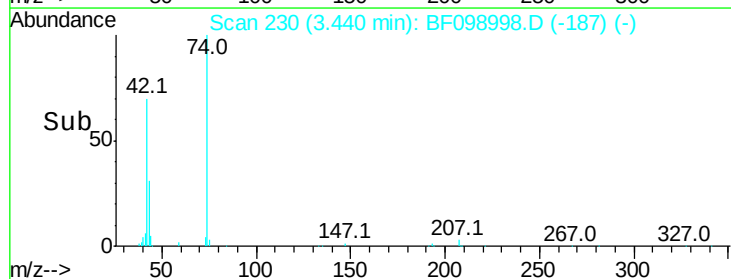
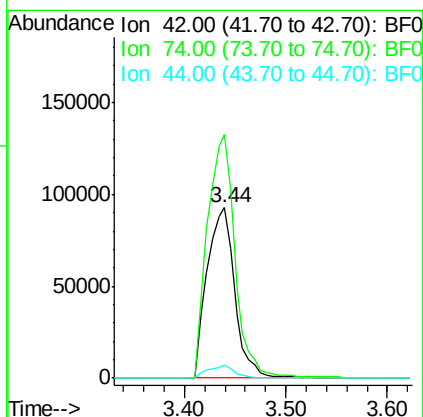
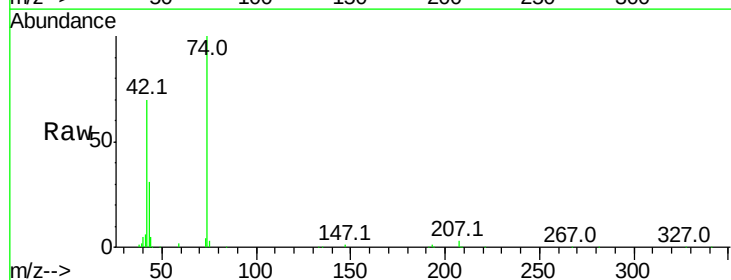
Instrument :
 BNA_F
 ClientSampled :

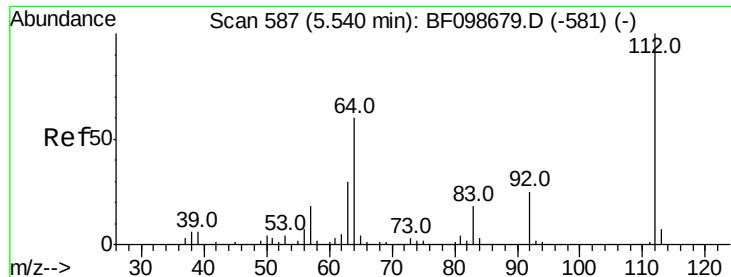
Tot Ion: 79 Resp: 422693
 Ion Ratio Lower Upper
 79 100
 52 73.0 59.8 89.6
 51 35.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 39.880 ng
 RT: 3.44 min Scan# 230
 Delta R.T. -0.05 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion: 42 Resp: 176531
 Ion Ratio Lower Upper
 42 100
 74 143.2 104.9 157.3
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 83.994 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampled :

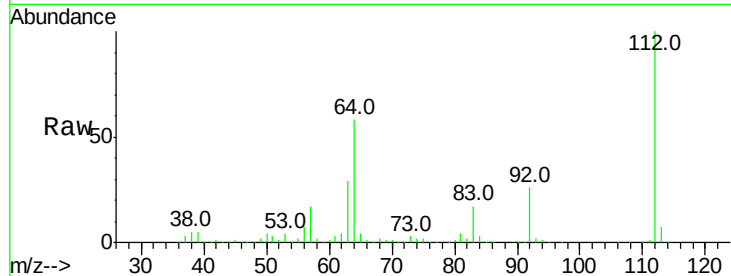
Tot Ion:112 Resp: 678512

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

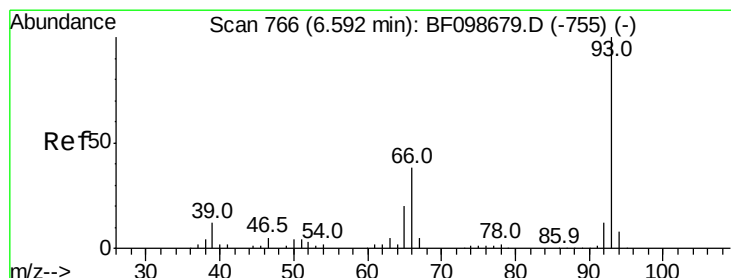
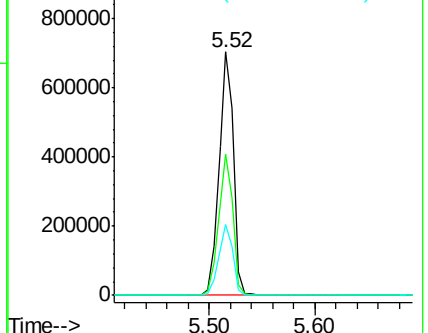
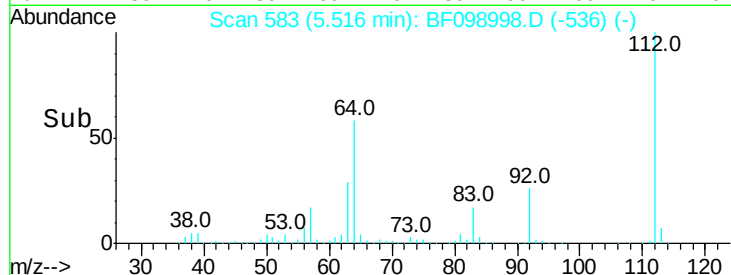
63 28.9 23.7 35.5



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: 41.264 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

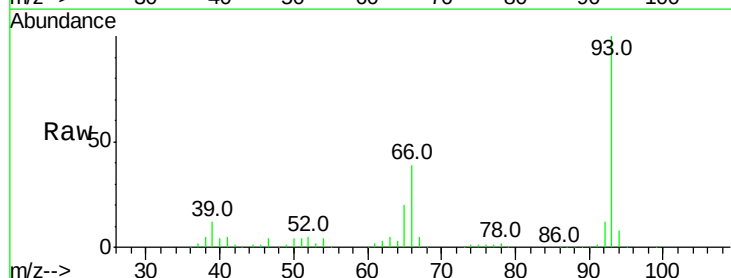
Tgt Ion: 93 Resp: 554987

Ion Ratio Lower Upper

93 100

66 39.3 32.2 48.2

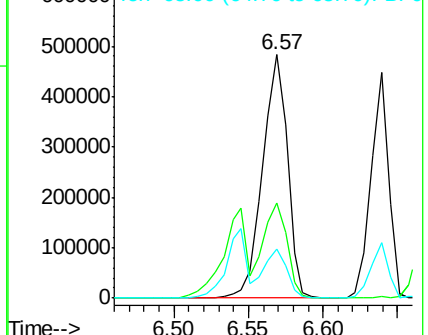
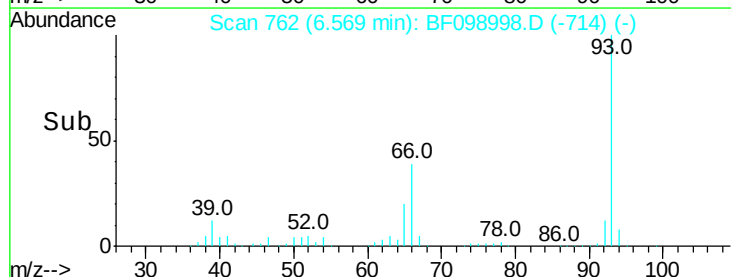
65 20.1 16.4 24.6

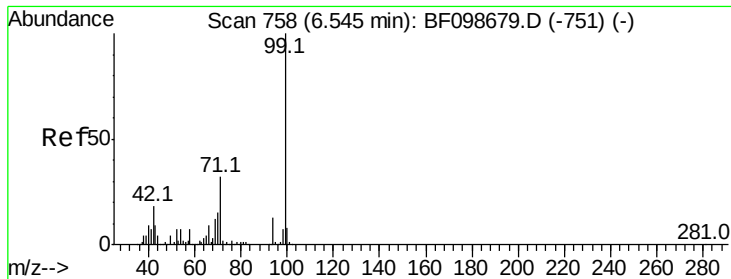


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.678 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

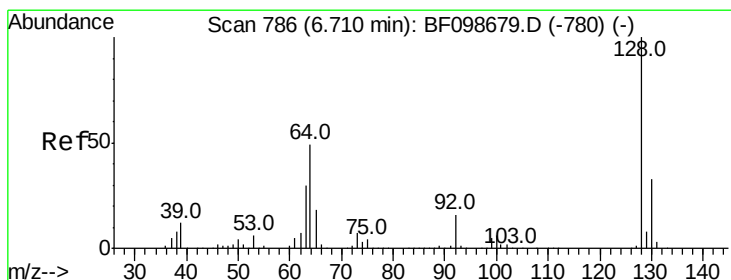
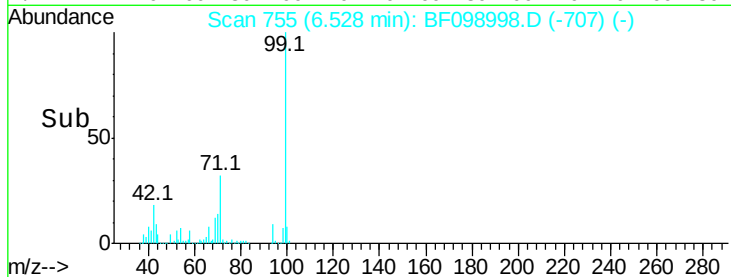
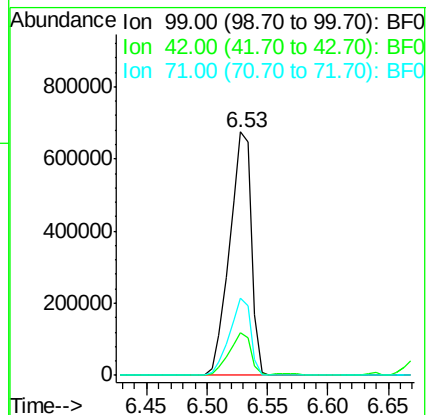
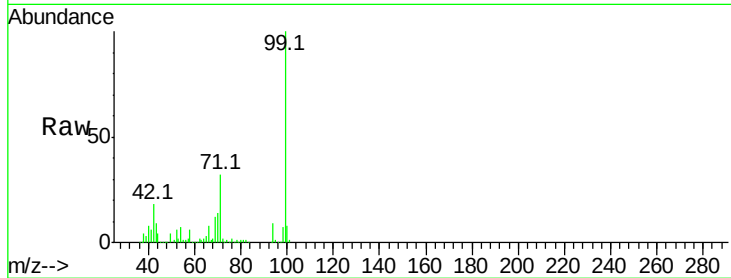
Tot Ion: 99 Resp: 843833

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

71 31.8 25.4 38.0



#8

2-Chlorophenol

Concen: 41.653 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

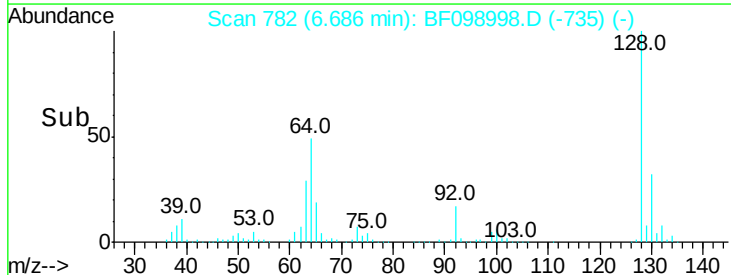
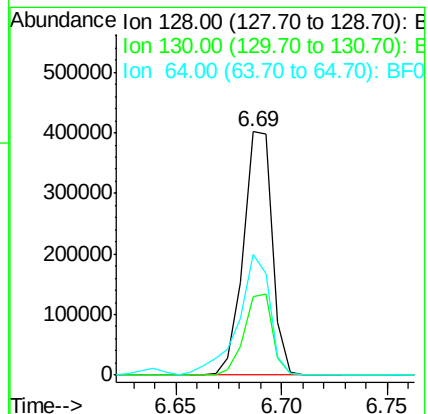
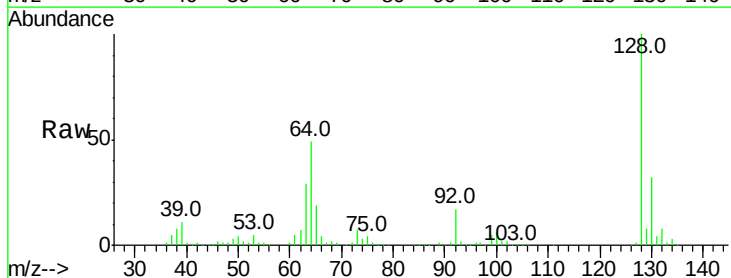
Tgt Ion: 128 Resp: 381048

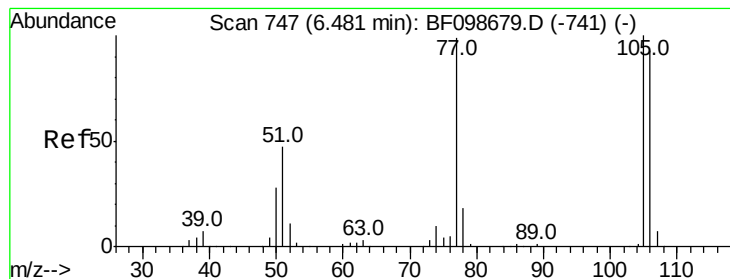
Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

64 49.3 29.4 69.4





#9

Benzaldehyde

Concen: 37.709 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampled :

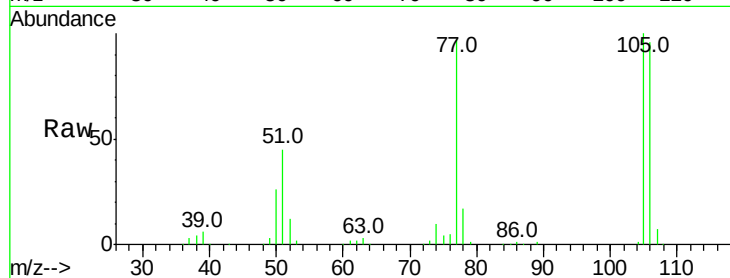
Tot Ion: 77 Resp: 217979

Ion Ratio Lower Upper

77 100

105 102.6 81.1 121.1

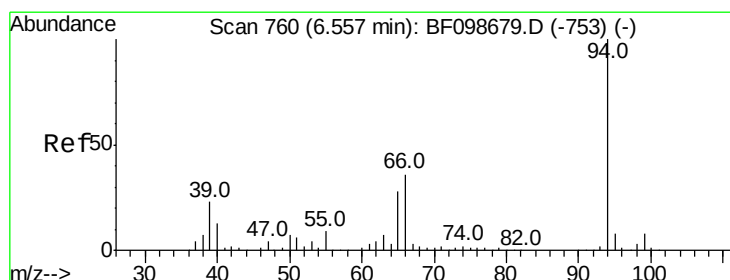
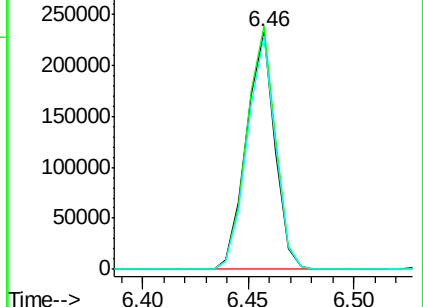
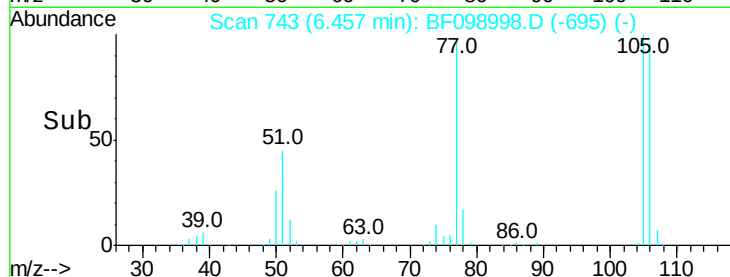
106 98.5 74.5 114.5



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: 42.642 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

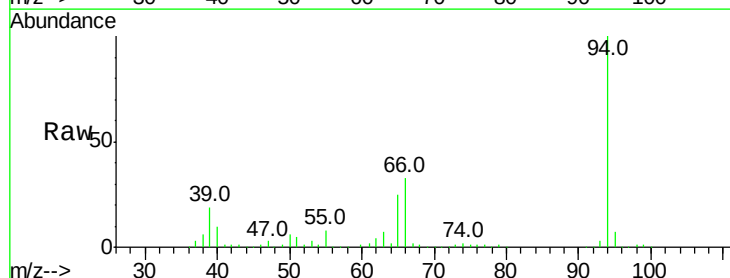
Tgt Ion: 94 Resp: 475238

Ion Ratio Lower Upper

94 100

65 25.2 7.9 47.9

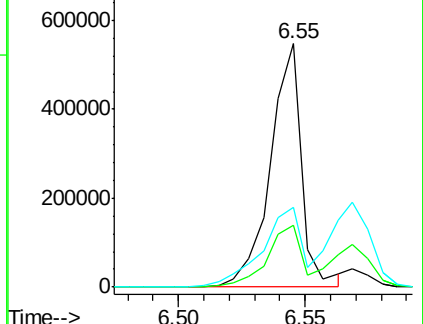
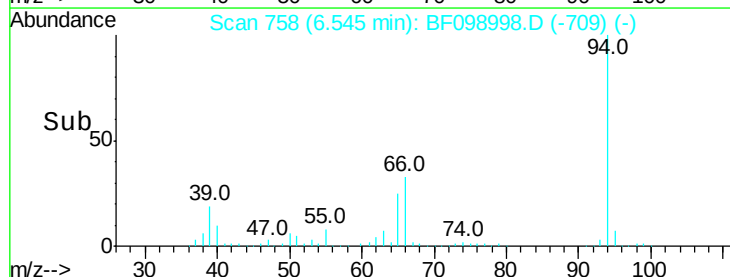
66 32.7 16.2 56.2

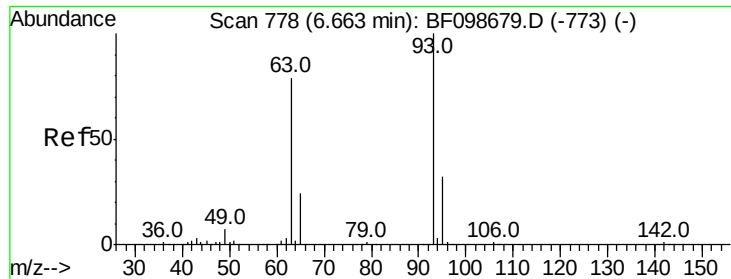


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

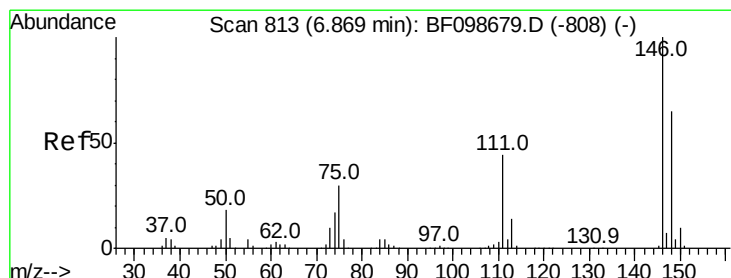
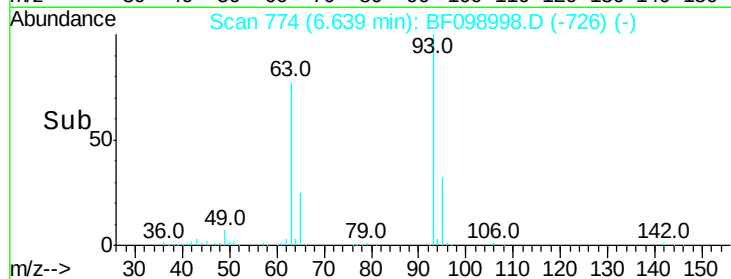
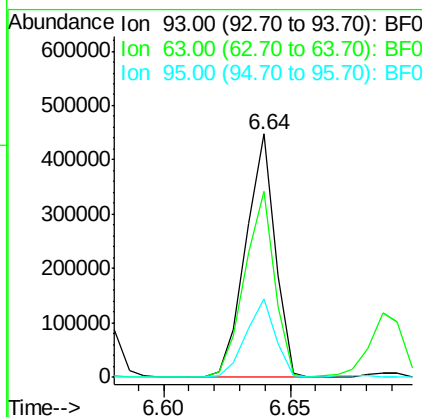
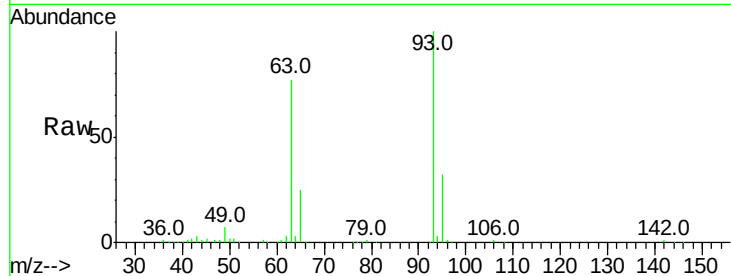




#11
 bis(2-Chloroethyl)ether
 Concen: 41.594 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

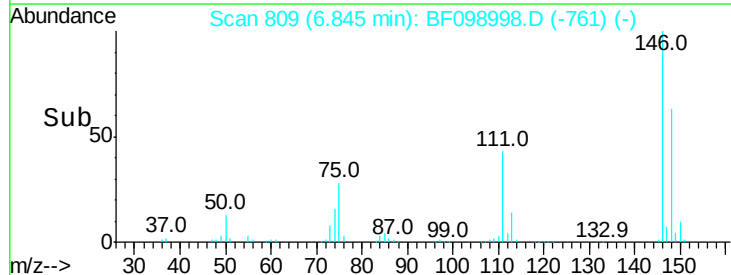
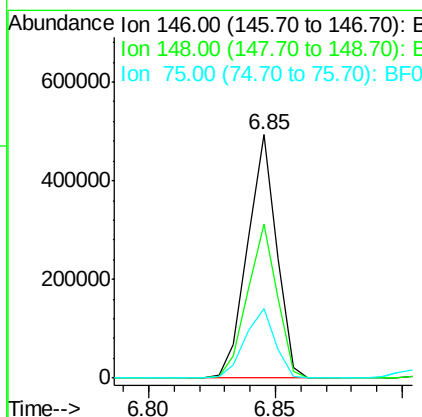
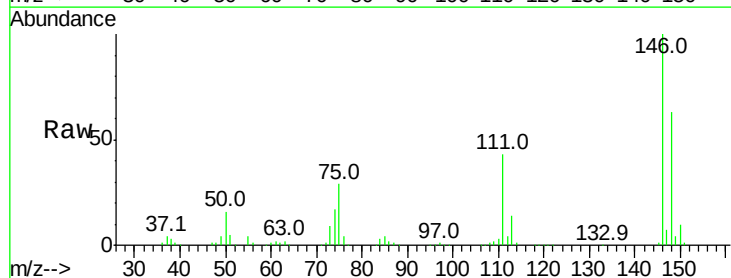
Instrument :
 BNA_F
 ClientSampleId :

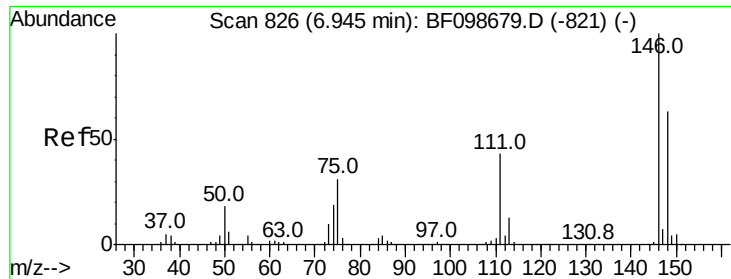
Tot Ion:	93	Resp:	360377
Ion	Ratio	Lower	Upper
93	100		
63	76.6	58.6	98.6
95	32.2	11.8	51.8



#12
 1,3-Dichlorobenzene
 Concen: 41.252 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion:	146	Resp:	395219
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	28.7	24.2	36.4

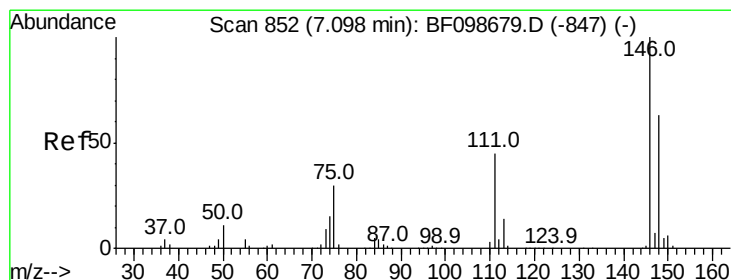
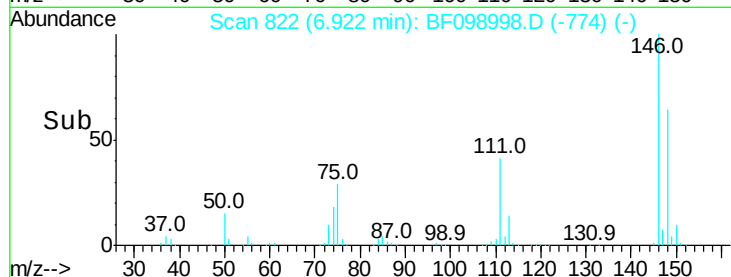
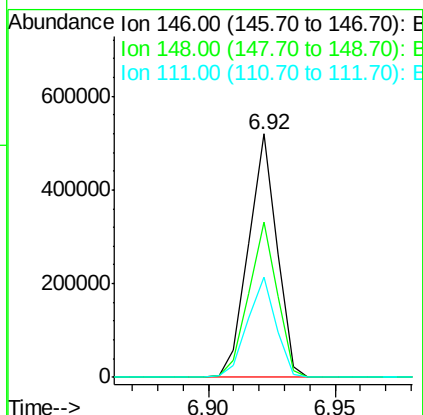
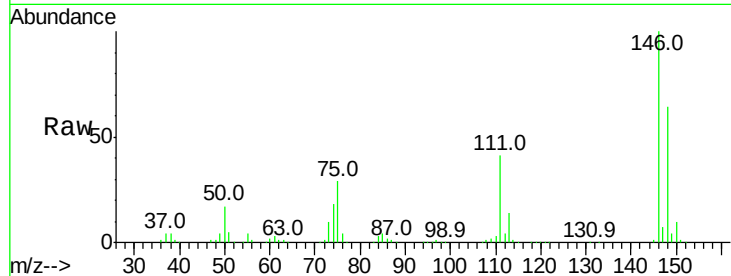




#13
 1,4-Dichlorobenzene
 Concen: 41.777 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

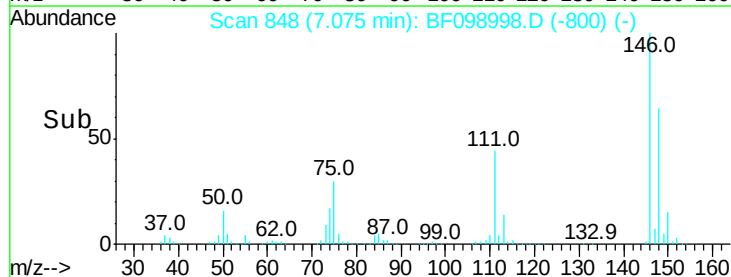
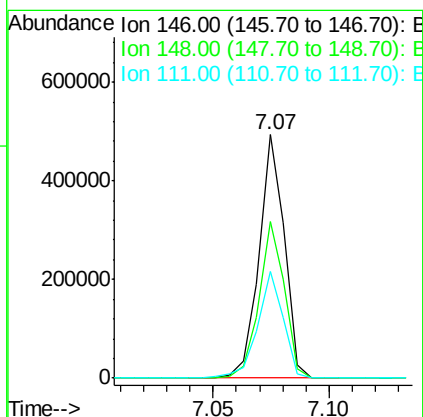
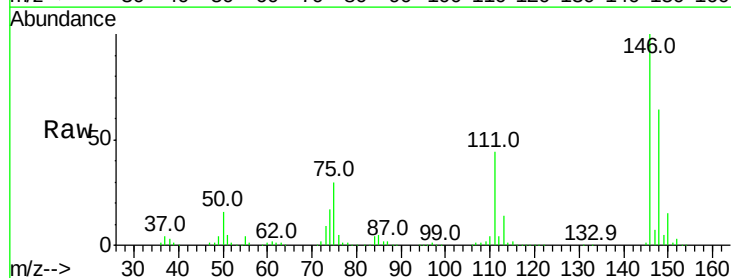
Instrument :
 BNA_F
 ClientSampleId :

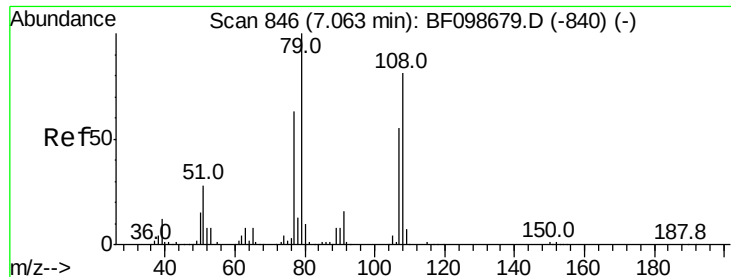
Tot Ion:146 Resp: 407226
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.8 76.2
 111 41.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 41.826 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion:146 Resp: 376717
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 43.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 41.134 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

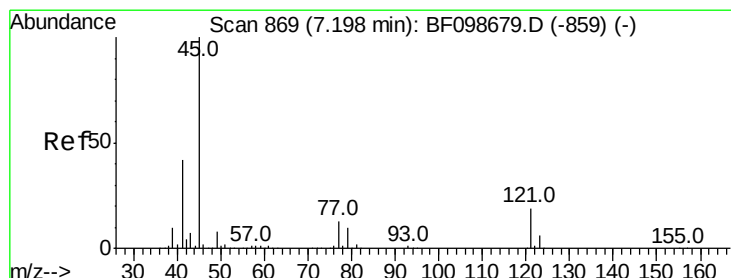
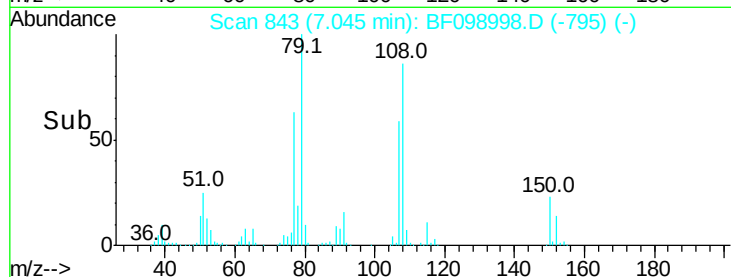
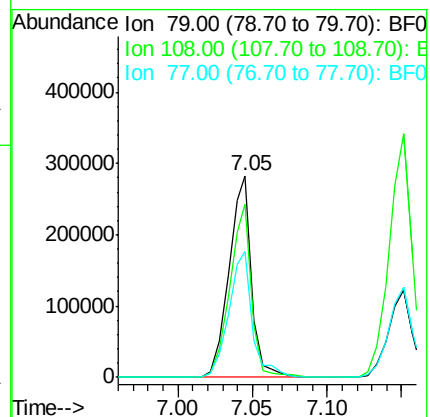
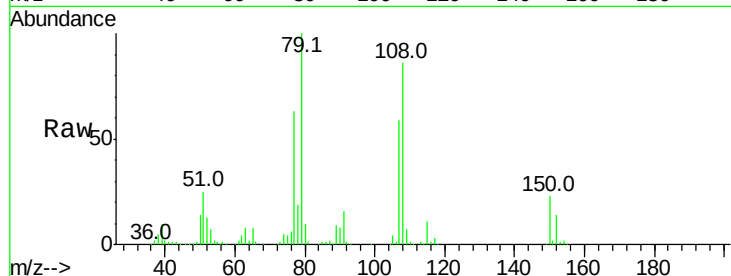
Tot Ion: 79 Resp: 300711

Ion Ratio Lower Upper

79 100

108 85.7 65.1 97.7

77 62.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.949 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

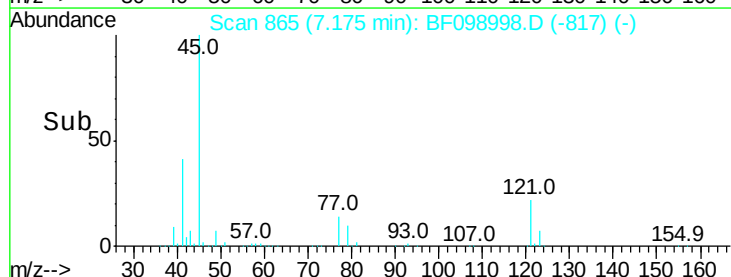
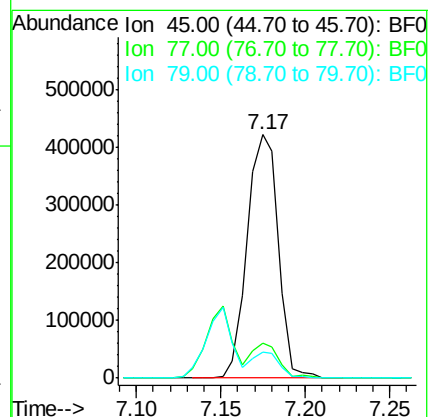
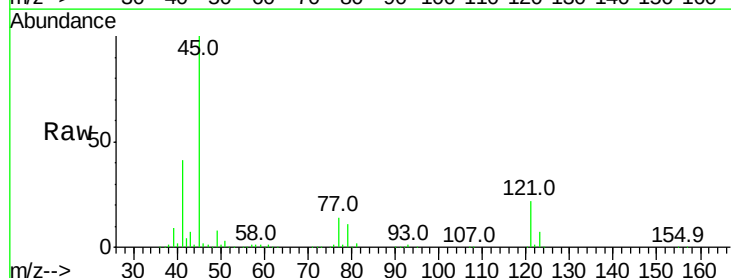
Tgt Ion: 45 Resp: 539269

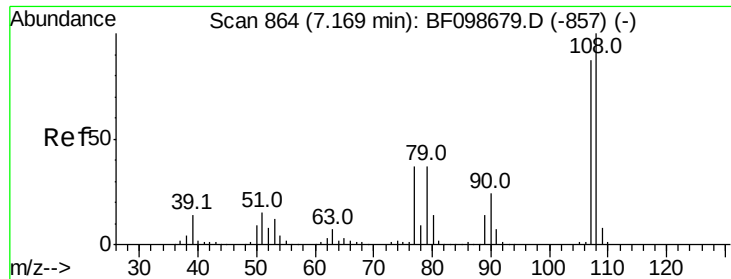
Ion Ratio Lower Upper

45 100

77 14.3 0.0 32.9

79 10.6 0.0 29.6





#17

2-Methylphenol

Concen: 41.084 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 307520

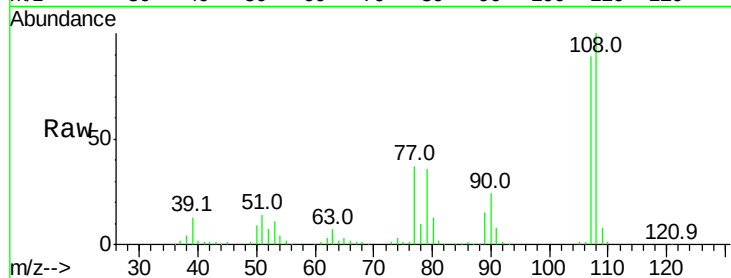
Ion Ratio Lower Upper

107 100

108 112.2 91.7 137.5

77 41.2 33.8 50.8

79 40.3 33.8 50.8

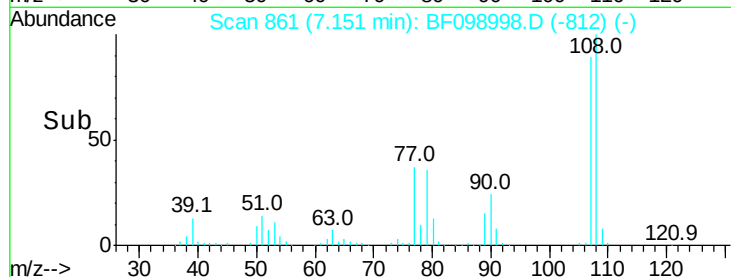


Abundance Ion 107.00 (106.70 to 107.70): E

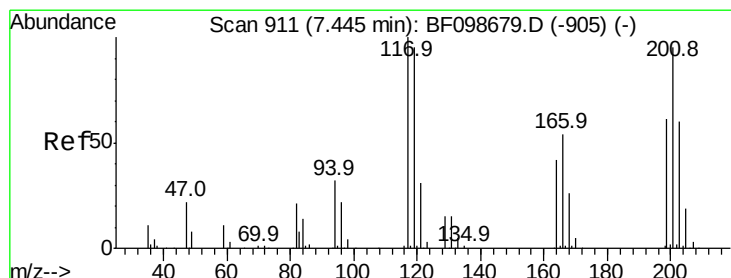
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 41.356 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

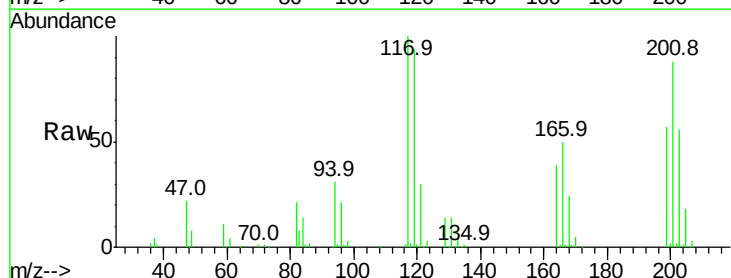
Tgt Ion:117 Resp: 144898

Ion Ratio Lower Upper

117 100

119 94.0 75.8 113.8

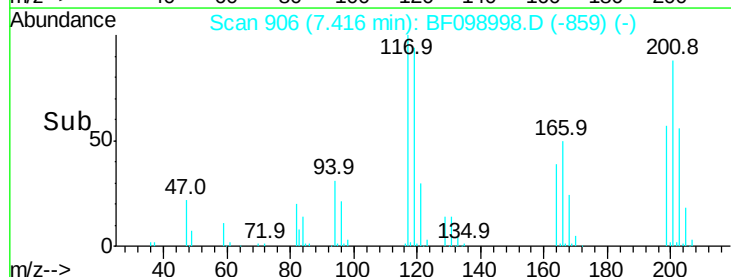
201 88.4 75.7 113.5



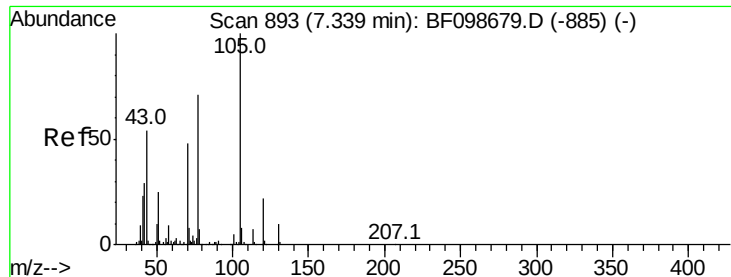
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



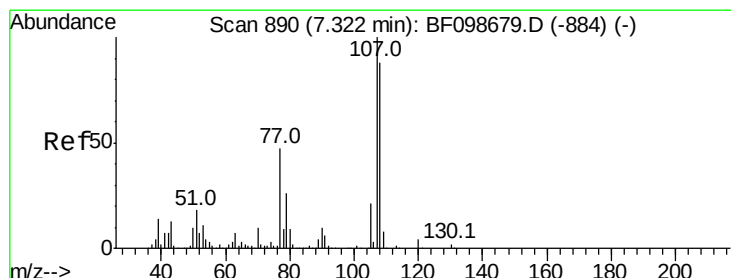
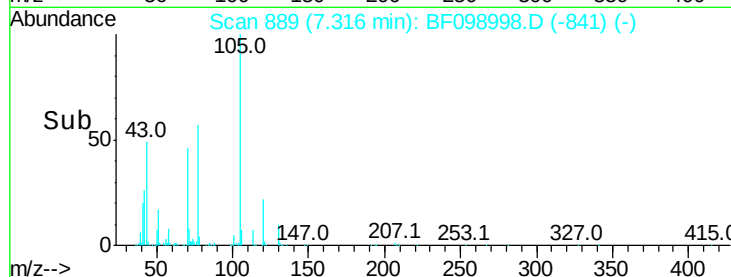
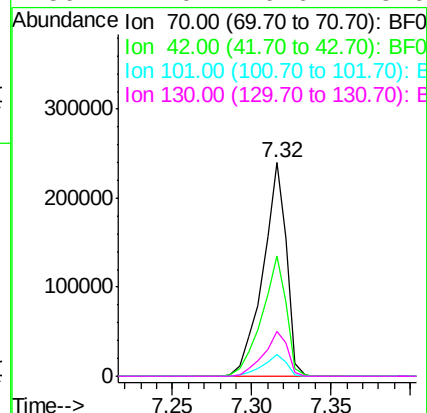
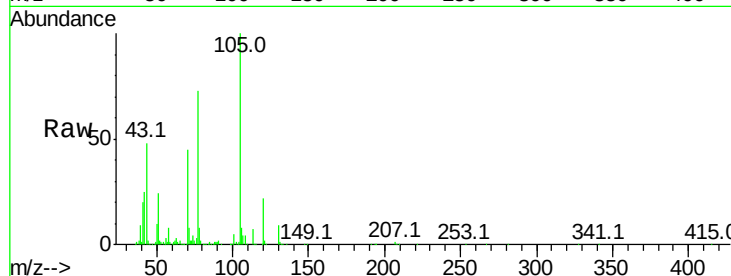
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 39.292 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

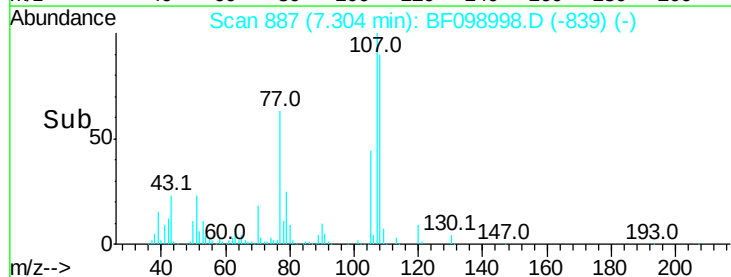
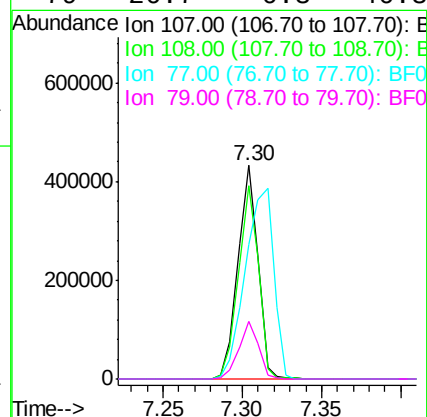
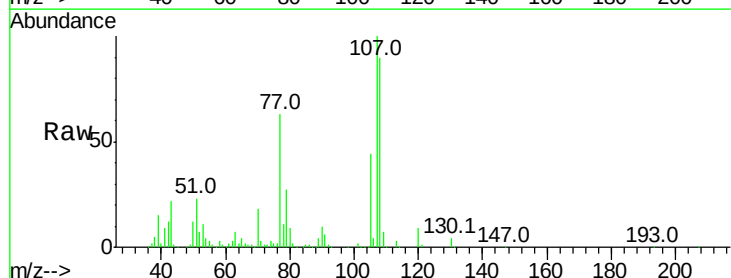
Instrument :
BNA_F
ClientSampleId :

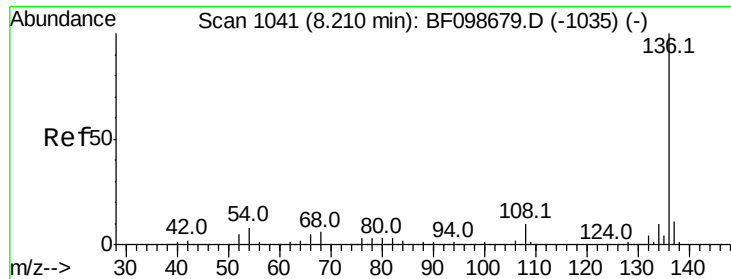
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.5	71.3
101	10.0	7.4	11.2
130	21.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.338 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.2	108.2
77	63.2	26.7	66.7
79	26.7	6.3	46.3

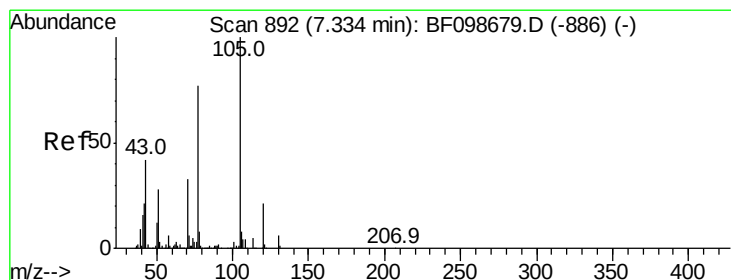
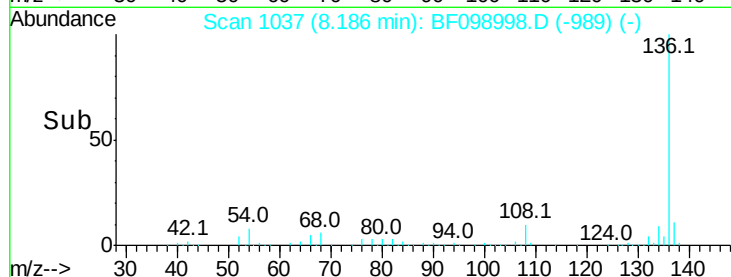
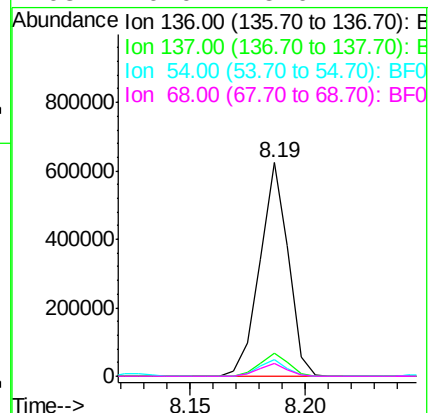
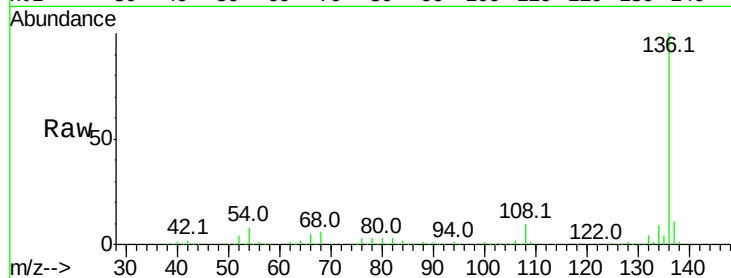




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

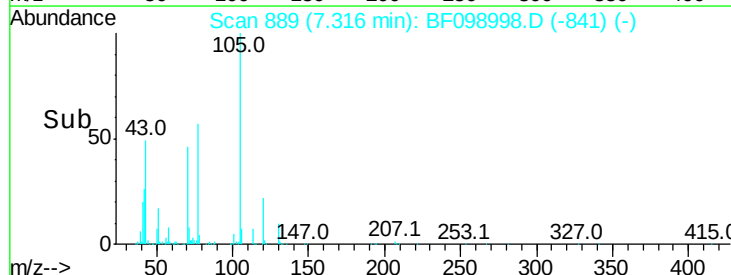
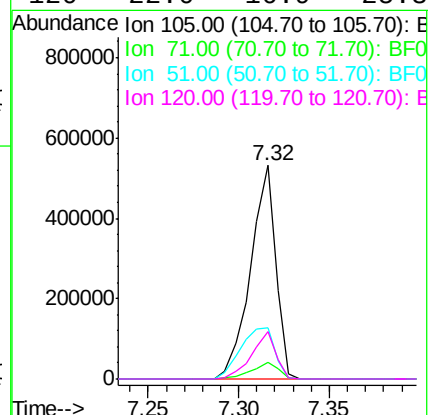
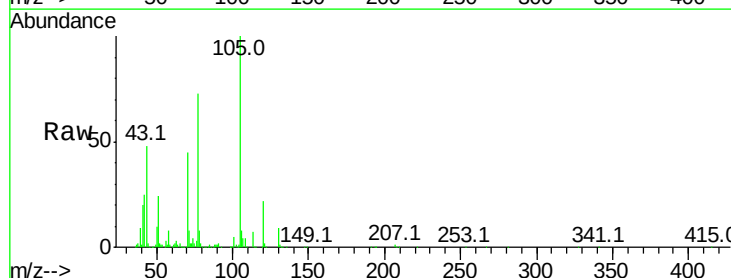
Instrument :
BNA_F
ClientSampleId :

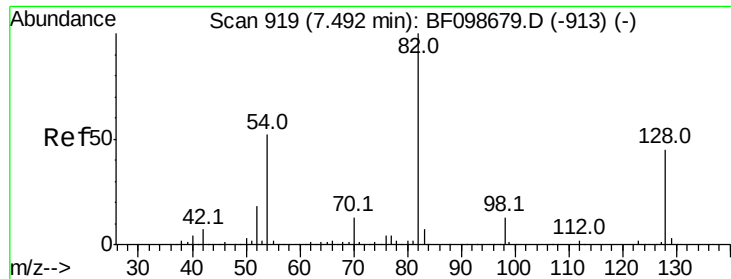
Tot Ion:136	Resp: 537496
Ion Ratio	Lower Upper
136 100	
137 11.0	8.9 13.3
54 8.0	6.6 9.8
68 6.0	5.0 7.4



#22
Acetophenone
Concen: 39.610 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Tgt	Ion:105	Resp:	515824
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	24.3	22.3	33.5
120	22.0	16.9	25.3

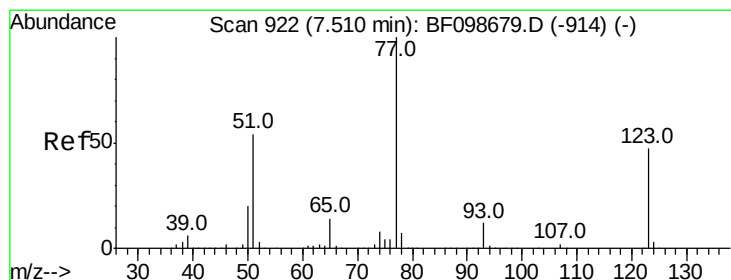
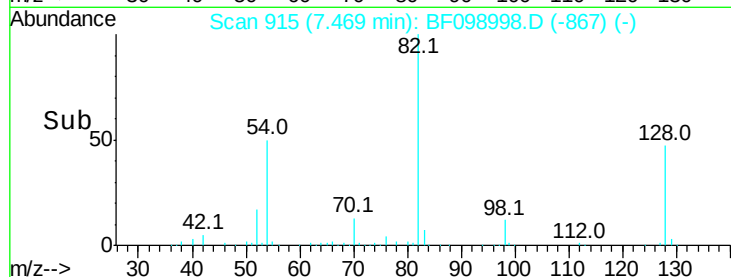
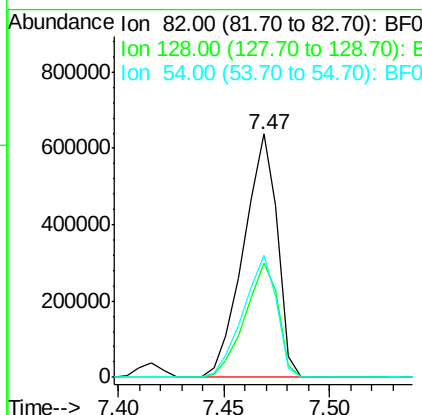
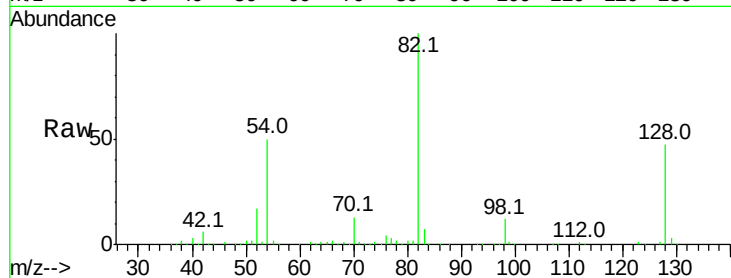




#23
 Nitrobenzene-d5
 Concen: 84.591 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

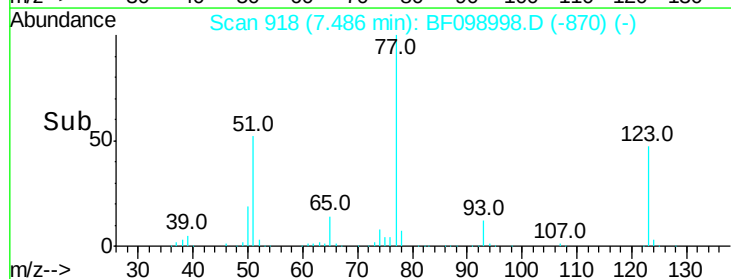
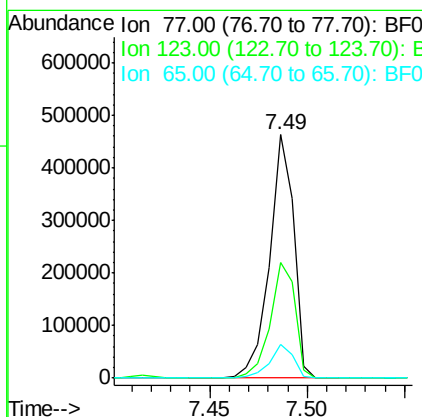
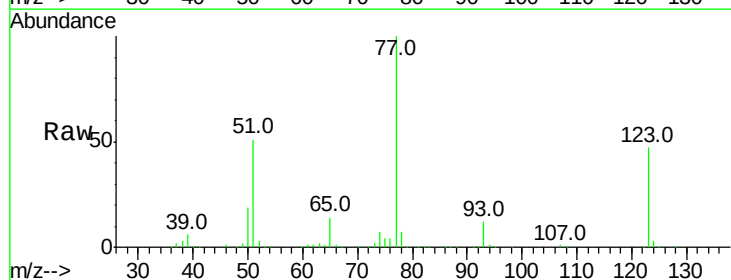
Instrument :
 BNA_F
 ClientSampled :

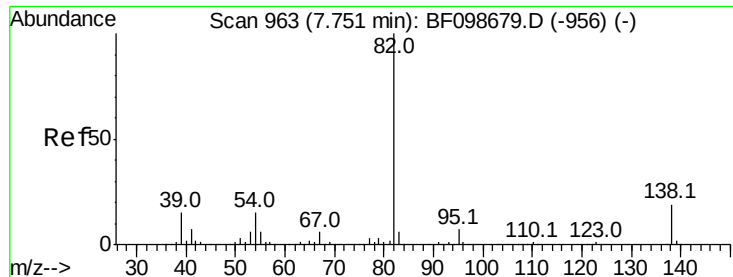
Tot Ion	82	Resp	708989
Ion Ratio	100		
Lower			
Upper			
82	100		
128	47.0	36.1	54.1
54	50.1	41.4	62.2



#24
 Nitrobenzene
 Concen: 41.861 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion	77	Resp	397999
Ion Ratio	100		
Lower			
Upper			
77	100		
123	47.3	37.9	56.9
65	13.9	11.0	16.4

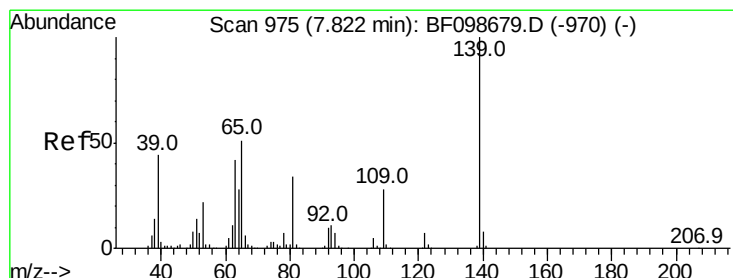
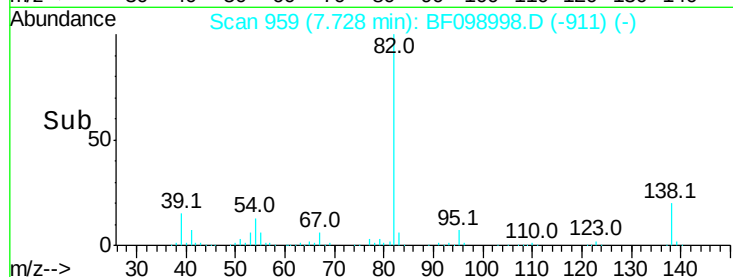
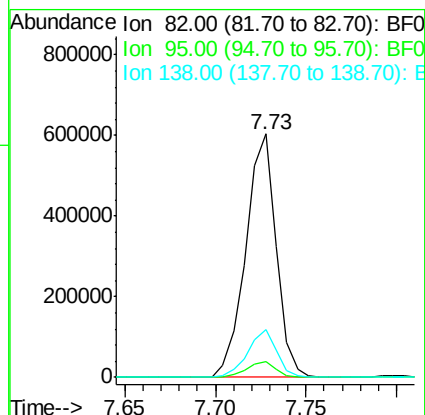
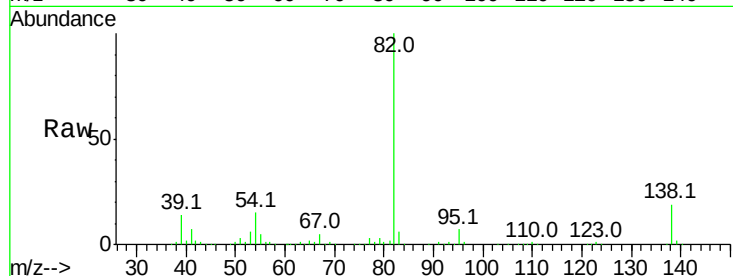




#25
Isophorone
Concen: 40.631 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

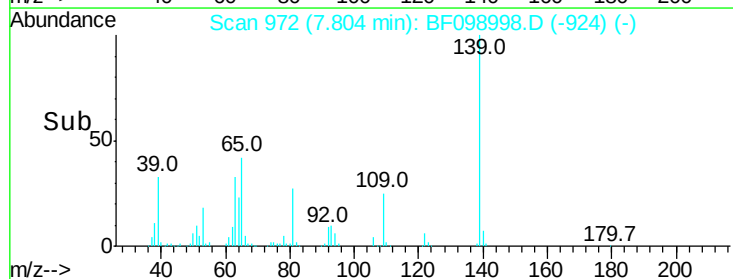
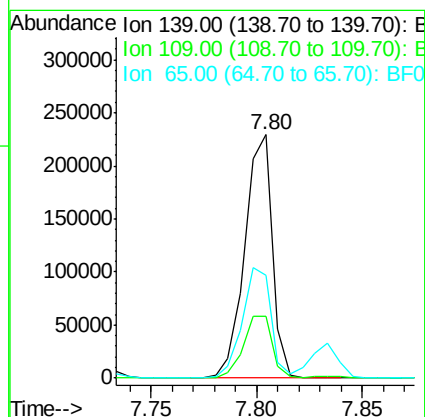
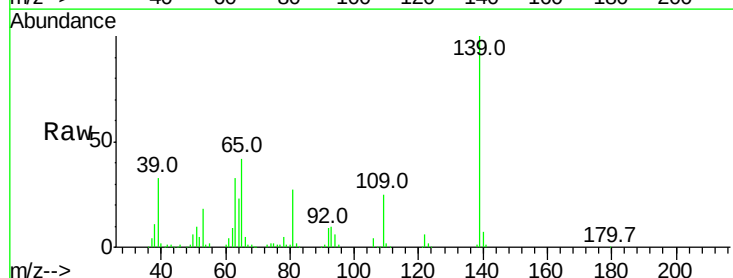
Instrument :
BNA_F
ClientSampleId :

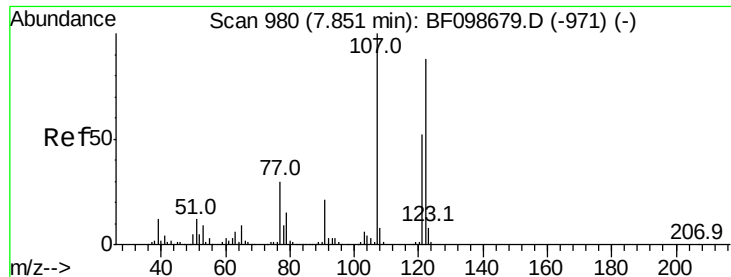
Tot Ion: 82 Resp: 704077
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 19.5 14.9 22.3



#26
2-Nitrophenol
Concen: 45.384 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Tgt Ion: 139 Resp: 207493
Ion Ratio Lower Upper
139 100
109 25.3 22.7 34.1
65 42.2 40.5 60.7

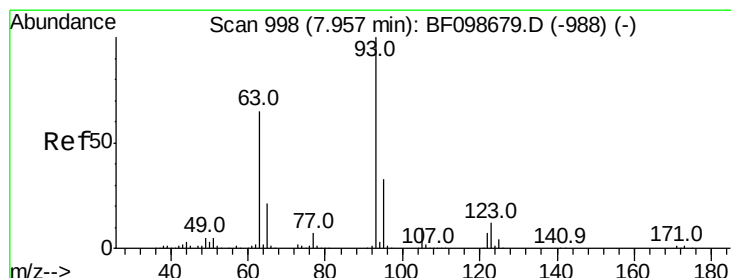
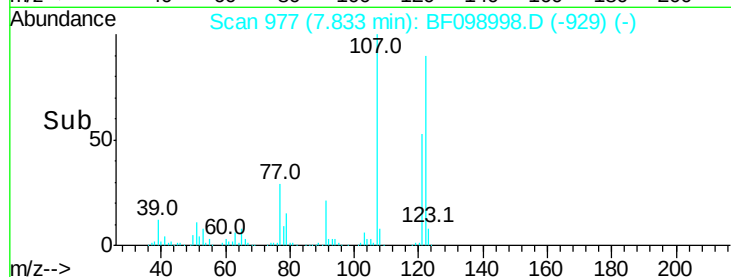
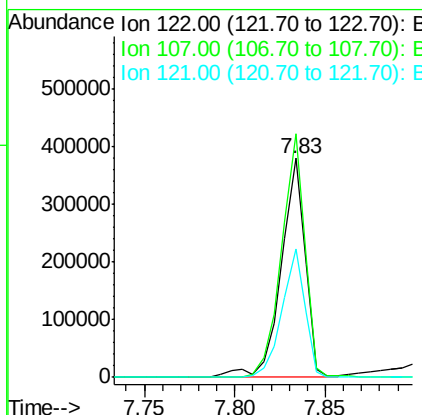
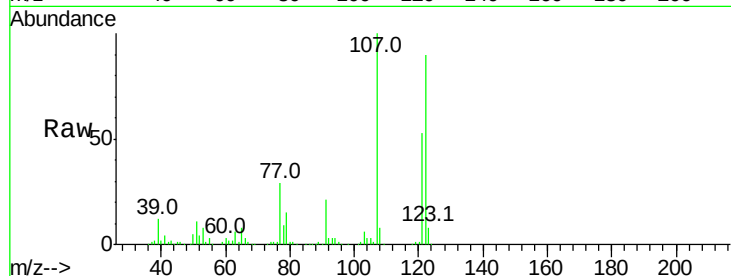




#27
 2,4-Dimethylphenol
 Concen: 40.823 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

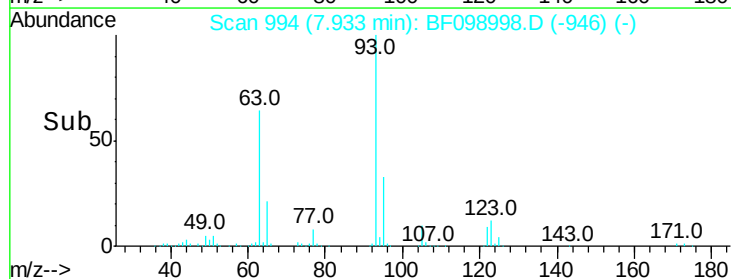
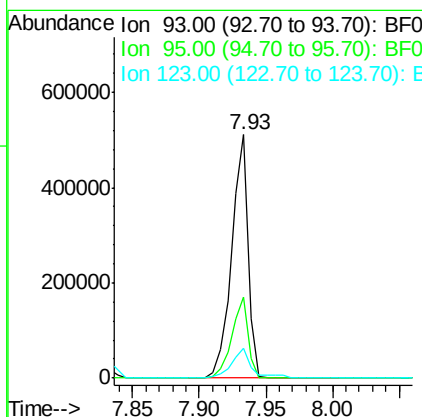
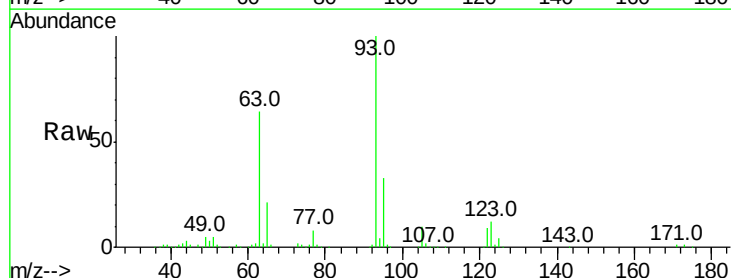
Instrument :
 BNA_F
 ClientSampleId :

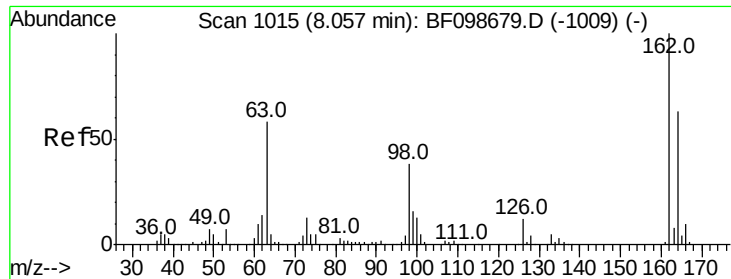
Tot Ion:122 Resp: 352470
 Ion Ratio Lower Upper
 122 100
 107 111.1 91.2 136.8
 121 58.7 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.487 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion: 93 Resp: 448007
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.3 39.5
 123 12.2 9.8 14.6

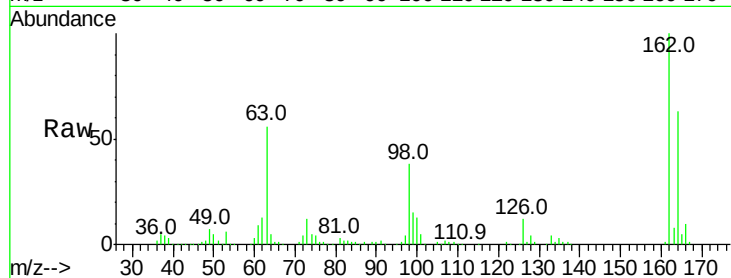




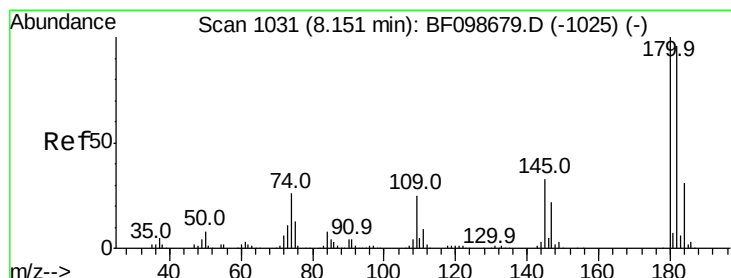
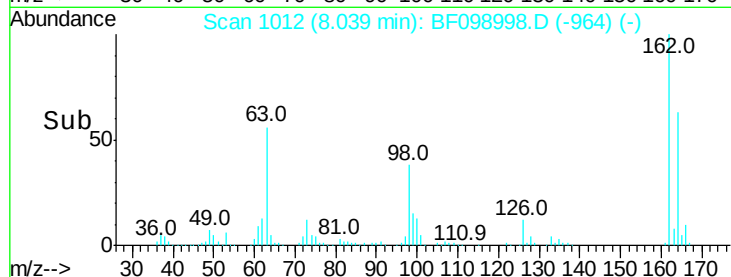
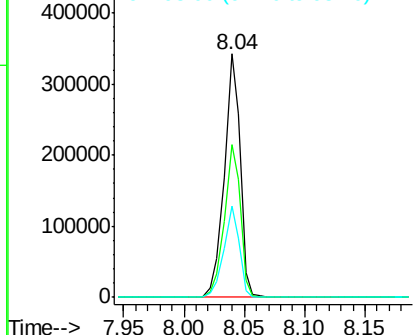
#29
 2,4-Dichlorophenol
 Concen: 42.051 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 311731
 Ion Ratio Lower Upper
 162 100
 164 62.8 42.7 82.7
 98 37.6 18.1 58.1

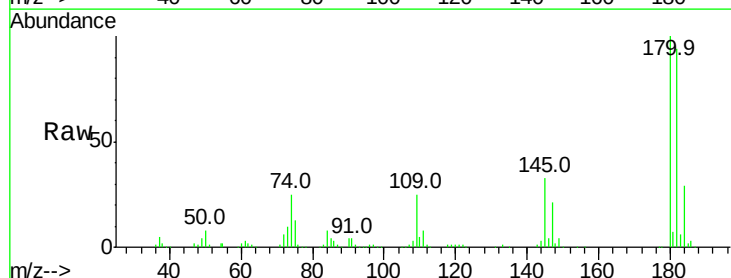


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

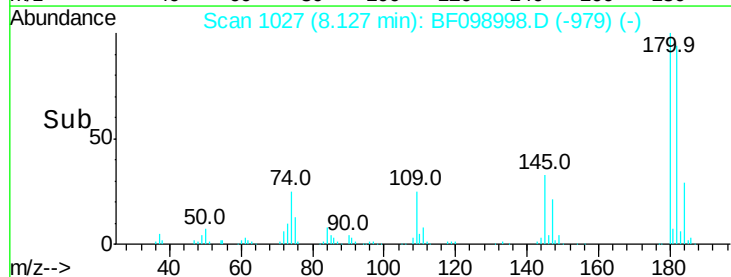
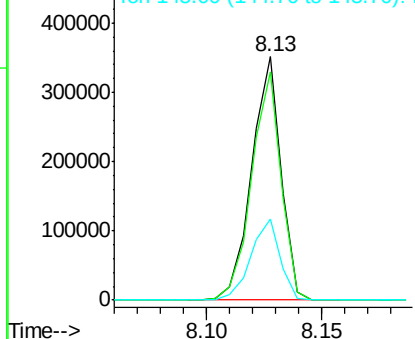


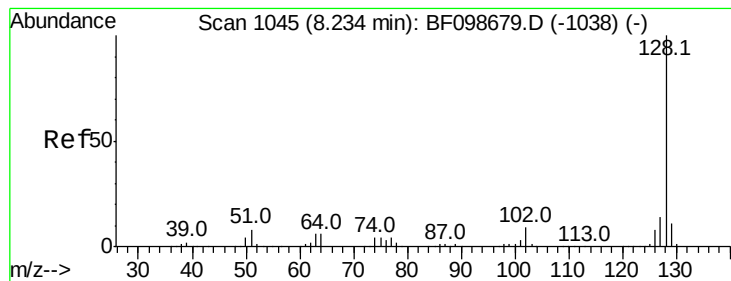
#30
 1,2,4-Trichlorobenzene
 Concen: 41.864 ng
 RT: 8.13 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion:180 Resp: 310391
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.8 115.2
 145 33.5 26.5 39.7



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: 41.120 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

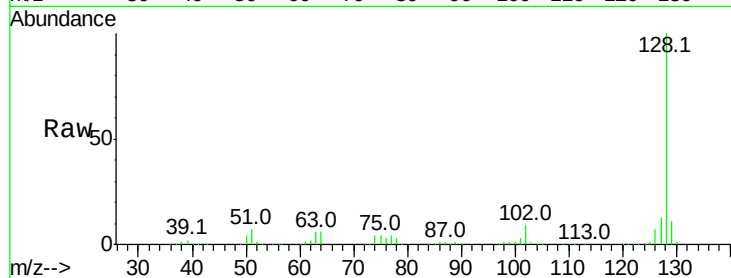
Tot Ion:128 Resp: 1038029

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

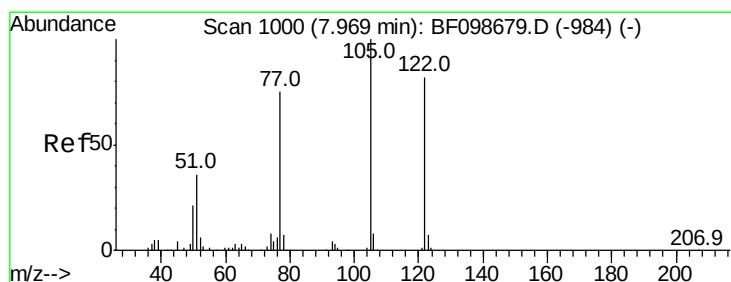
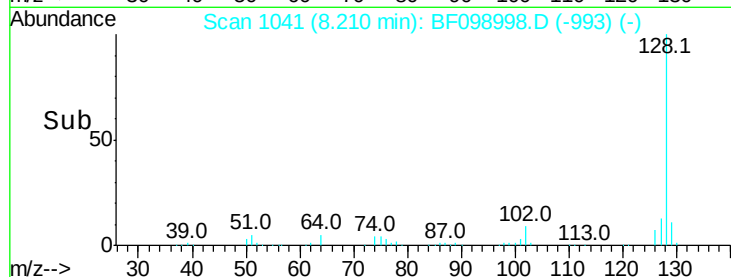
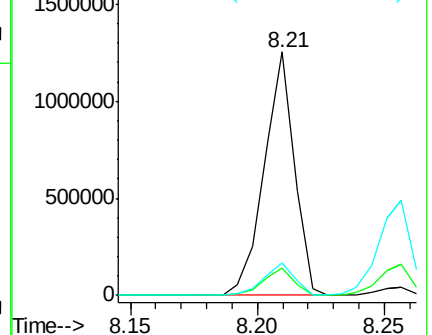
127 13.4 10.9 16.3



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: 35.455 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

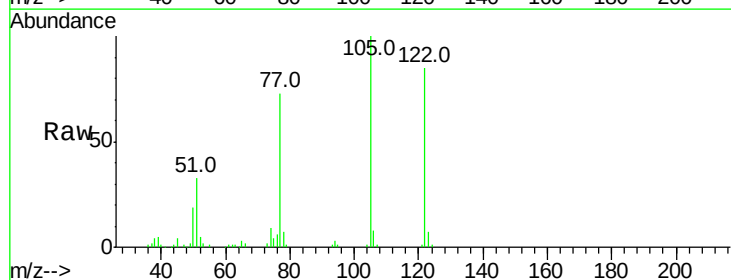
Tgt Ion:122 Resp: 251463

Ion Ratio Lower Upper

122 100

105 117.3 101.1 141.1

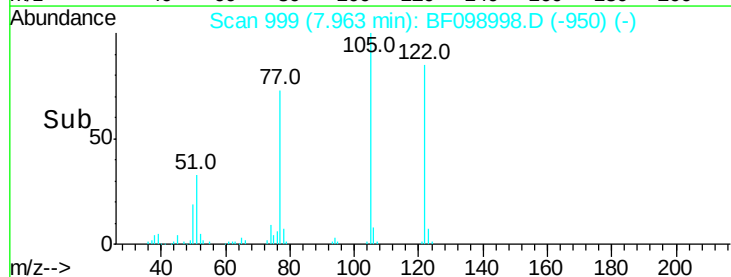
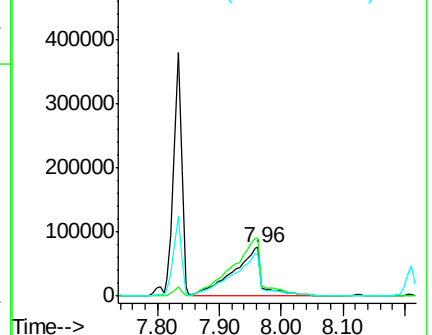
77 85.7 70.7 110.7

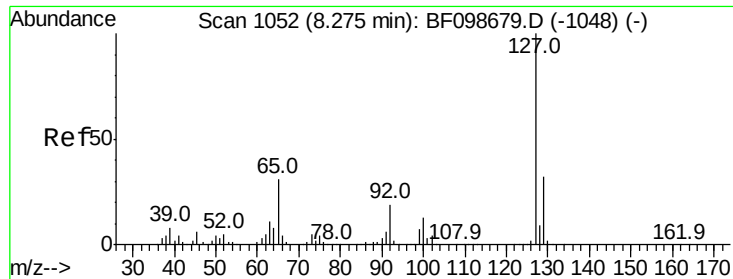


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

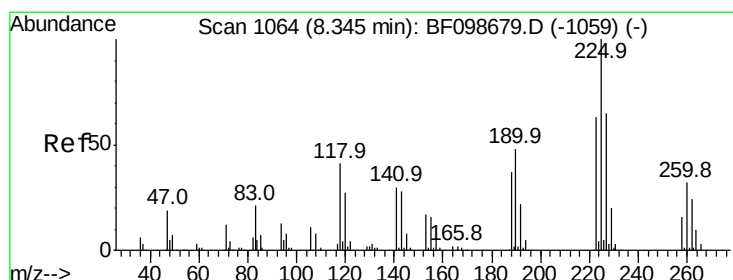
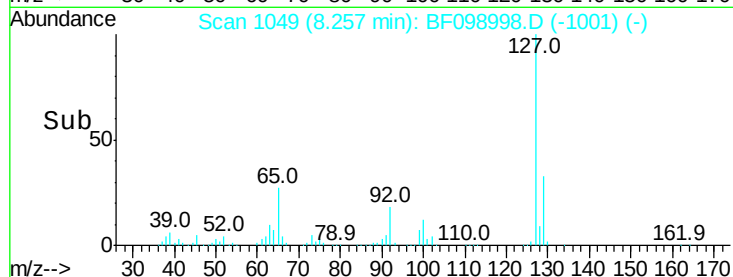
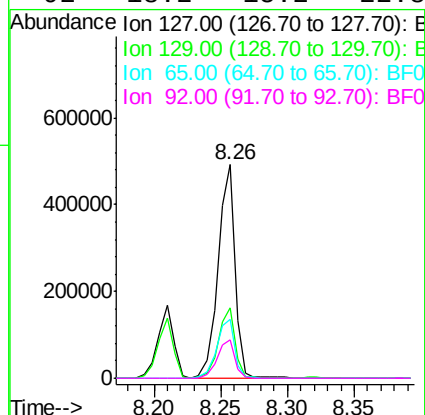
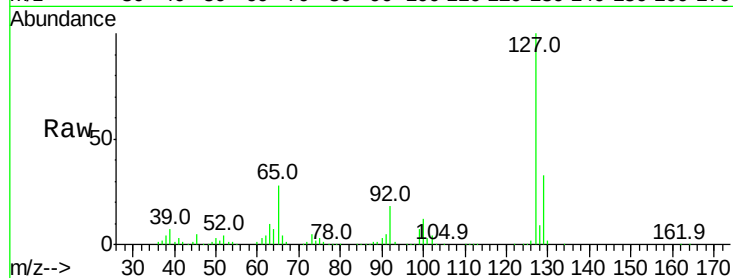




#33
4-Chloroaniline
Concen: 42.128 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

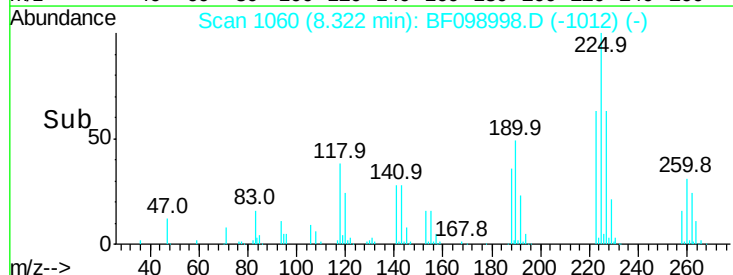
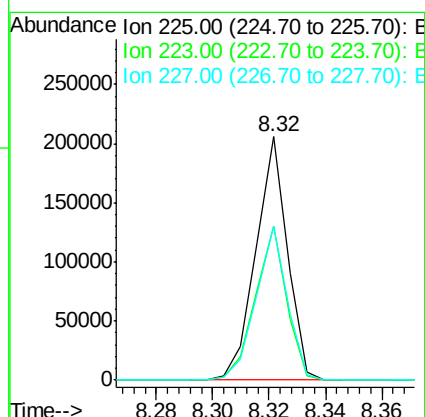
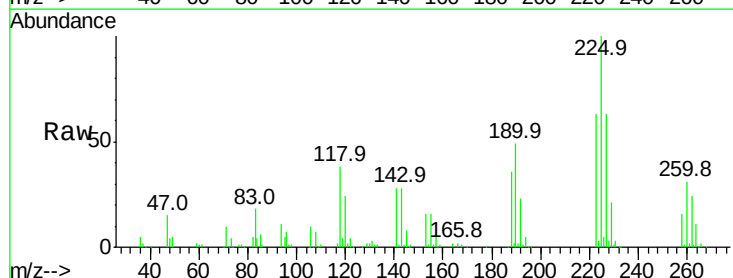
Instrument :
BNA_F
ClientSampleId :

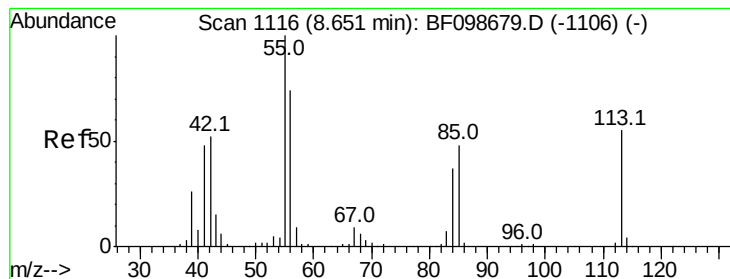
Tot Ion:	127	Resp:	444116
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	27.5	25.0	37.4
92	18.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.666 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Tgt Ion:	225	Resp:	159117
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.0	51.9	77.9





#35

Caprolactam

Concen: 40.964 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

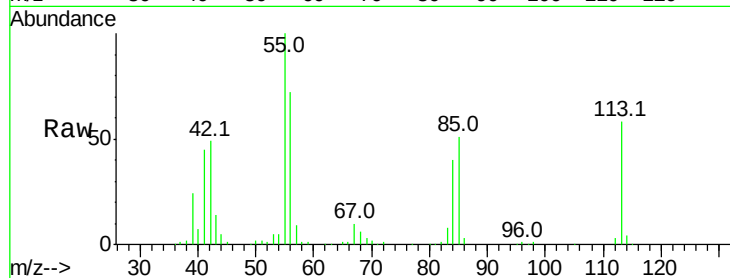
Tot Ion:113 Resp: 97409

Ion Ratio Lower Upper

113 100

55 171.7 163.3 203.3

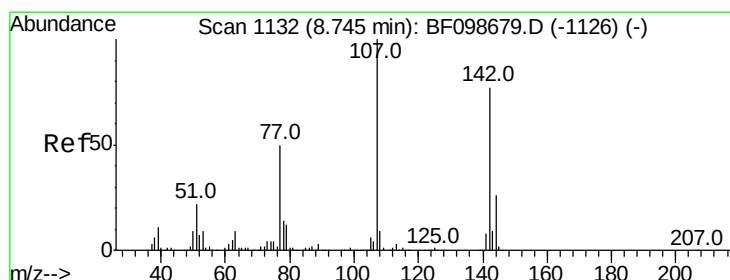
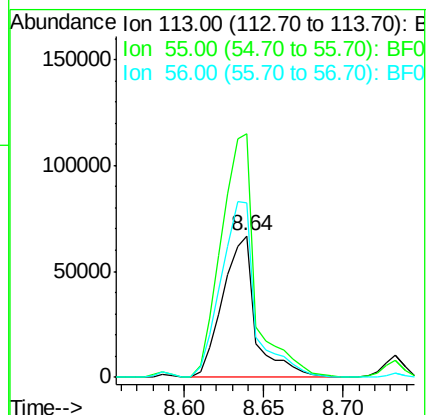
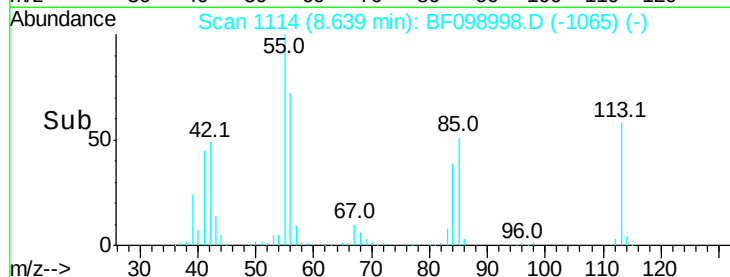
56 123.0 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.863 ng

RT: 8.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

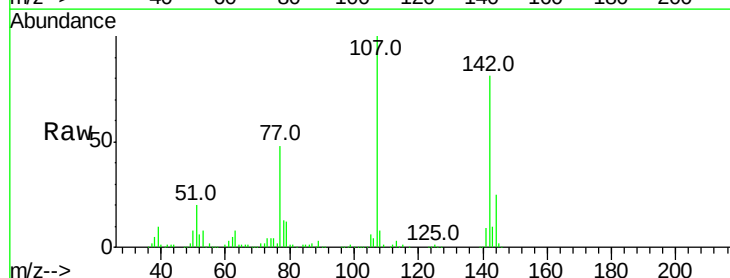
Tgt Ion:107 Resp: 340483

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

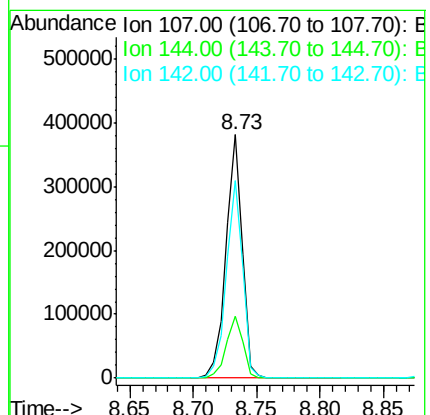
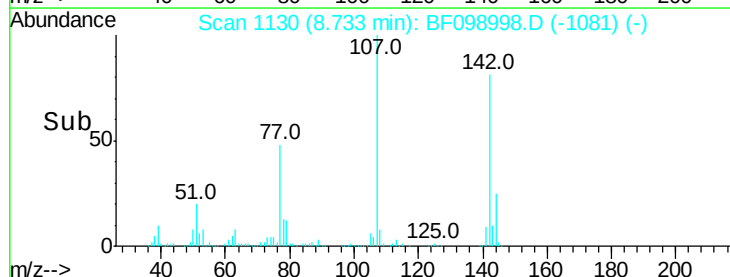
142 81.2 62.0 93.0

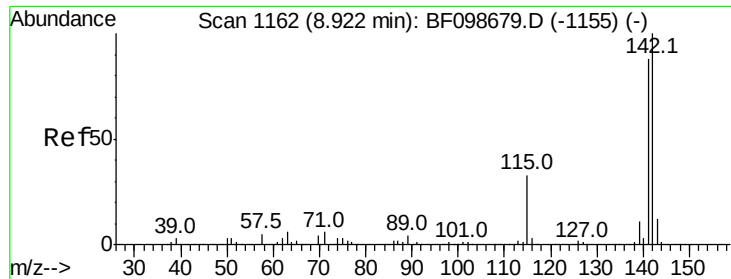


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

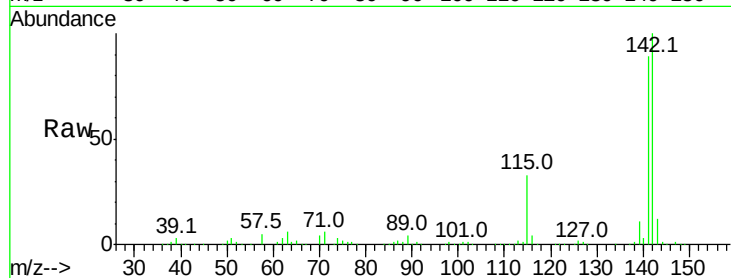




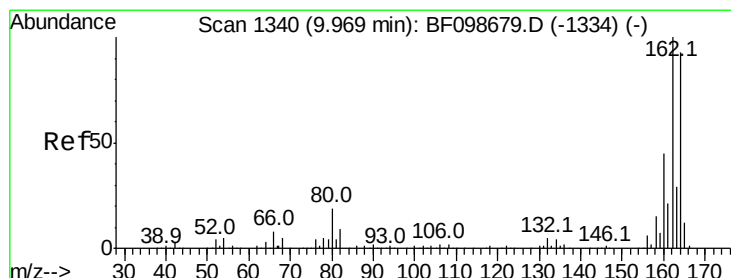
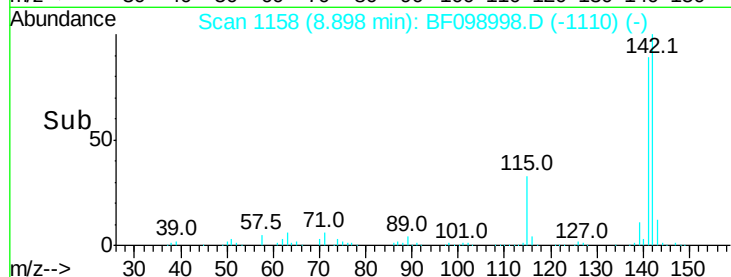
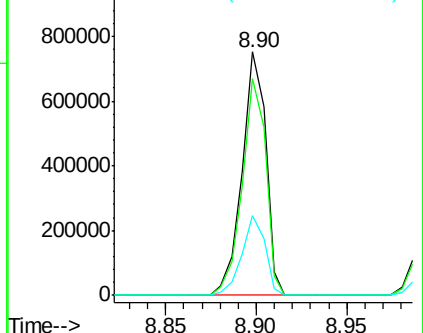
#37
2-Methylnaphthalene
Concen: 41.756 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	32.6	26.1	39.1

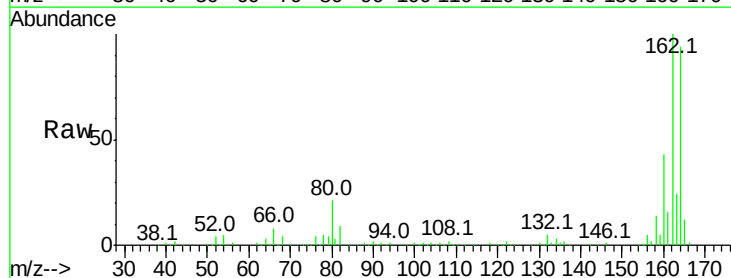


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

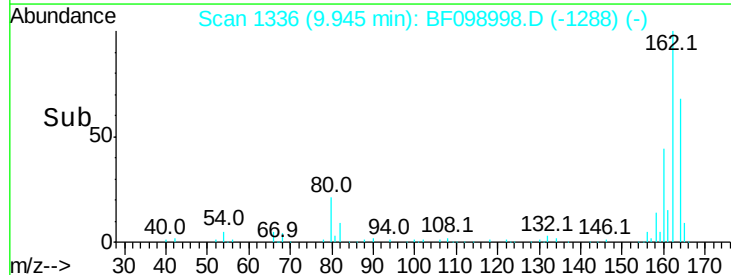
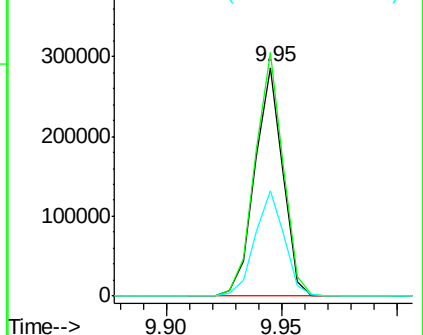


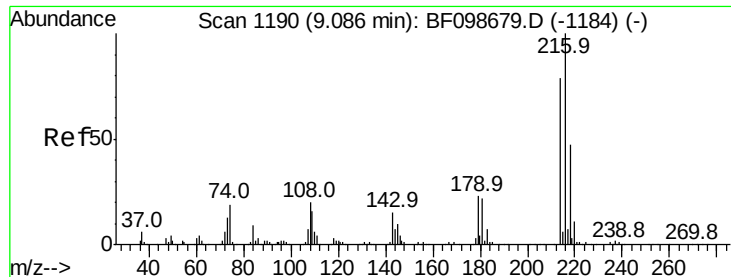
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	46.1	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

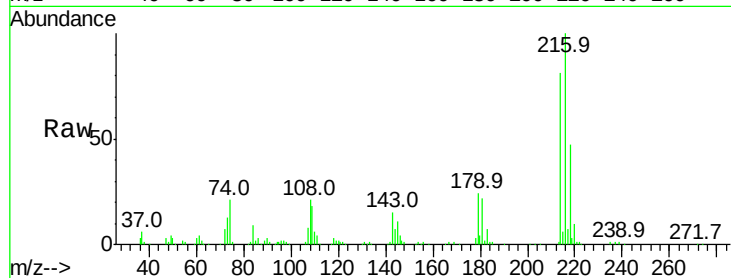




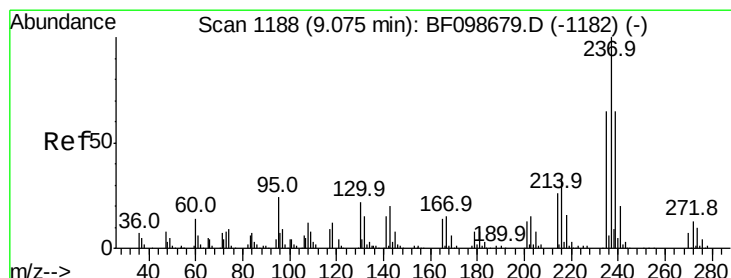
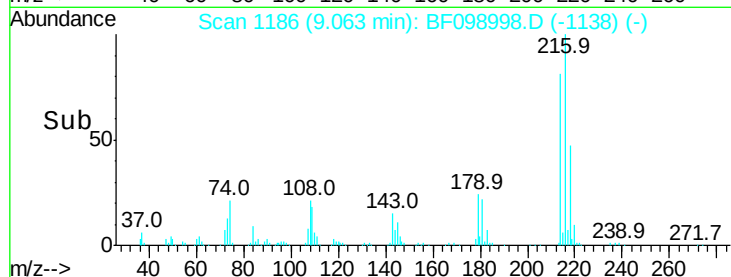
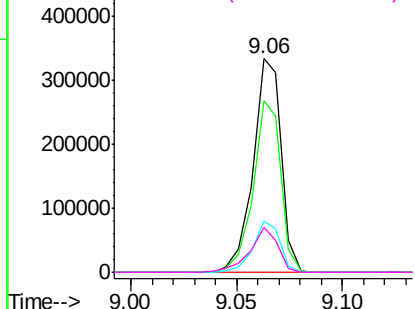
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.779 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	308627
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	23.2	18.1	27.1
108	20.7	17.2	25.8

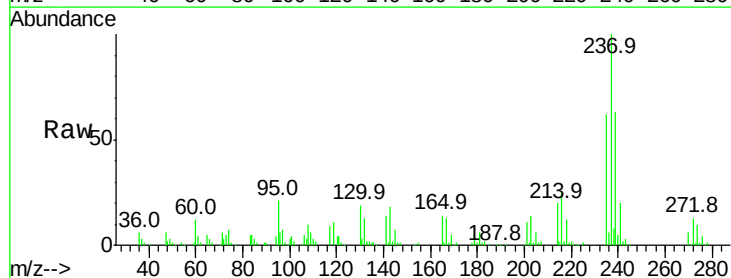


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

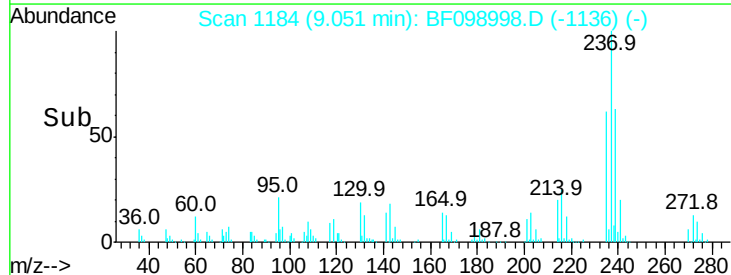
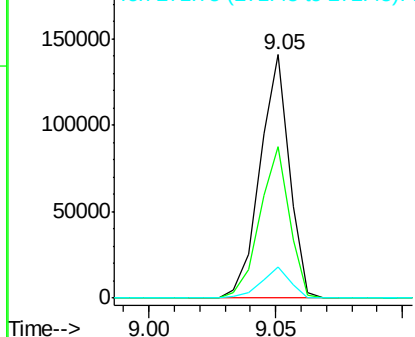


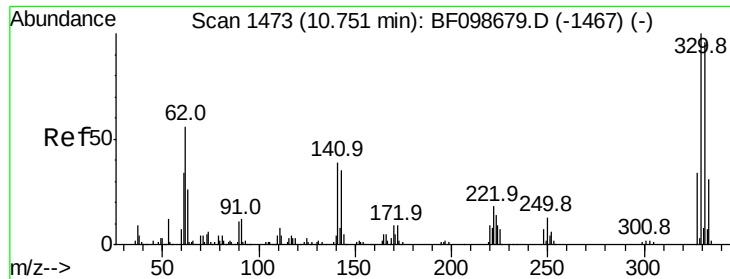
#40
 Hexachlorocyclopentadiene
 Concen: 34.686 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion:	237	Resp:	114359
Ion	Ratio	Lower	Upper
237	100		
235	62.4	44.8	84.8
272	12.8	0.0	33.3



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

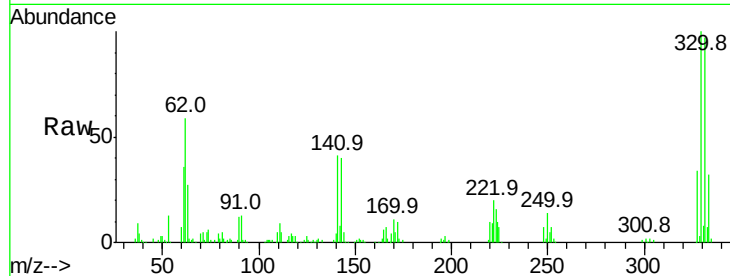




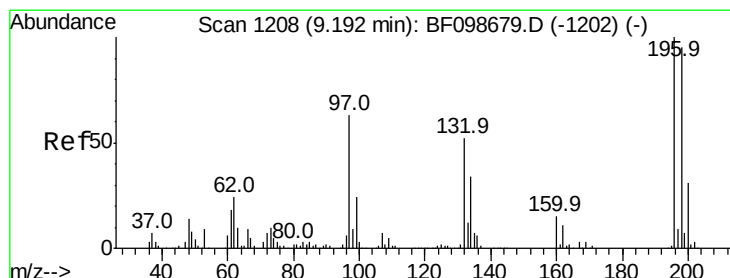
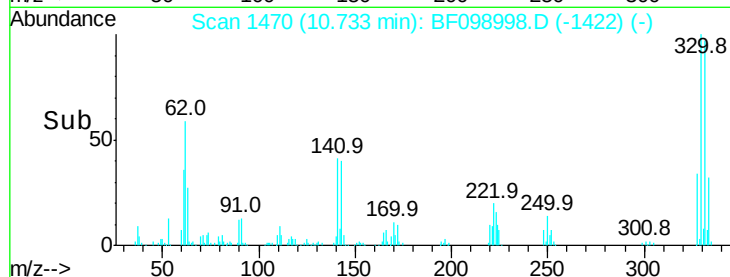
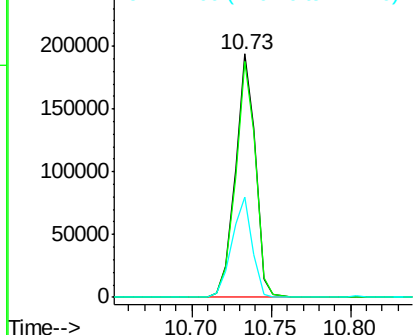
#41
 2,4,6-Tribromophenol
 Concen: 85.621 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	42.0	29.9	44.9

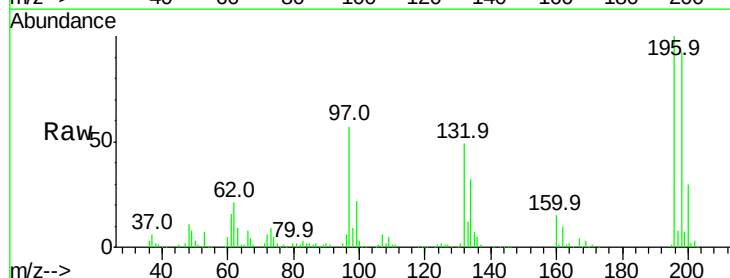


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

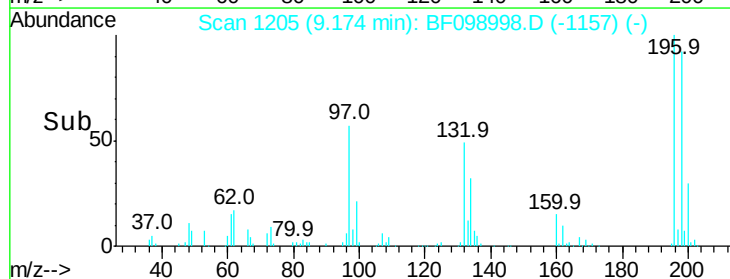
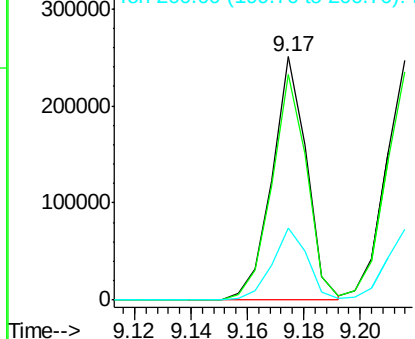


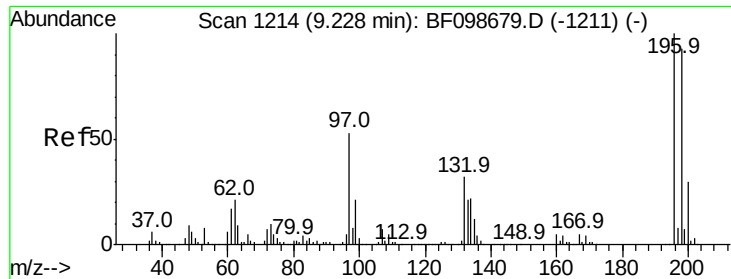
#42
 2,4,6-Trichlorophenol
 Concen: 41.703 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.7	113.5
200	29.8	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

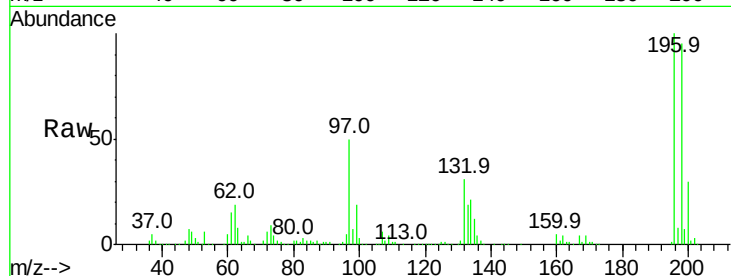




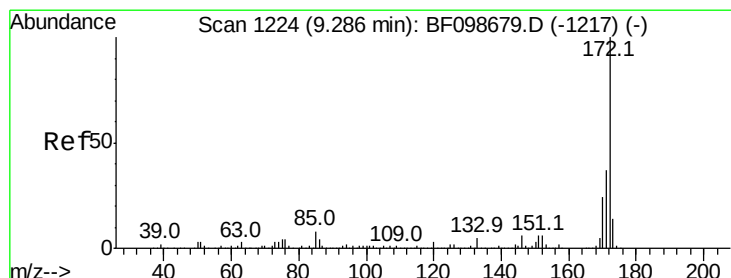
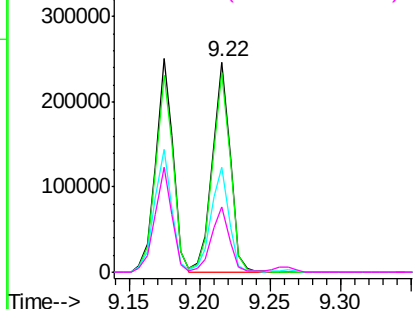
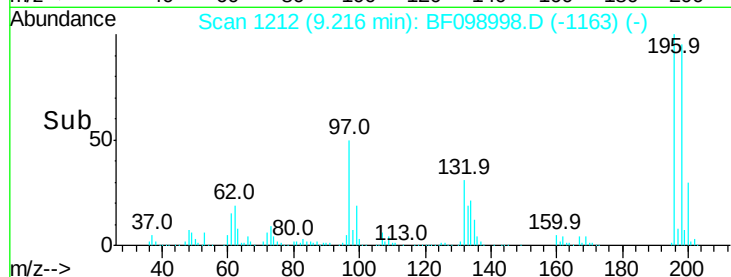
#43
 2,4,5-Trichlorophenol
 Concen: 42.594 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	217315
Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	50.2	42.9	64.3
132	31.1	26.3	39.5

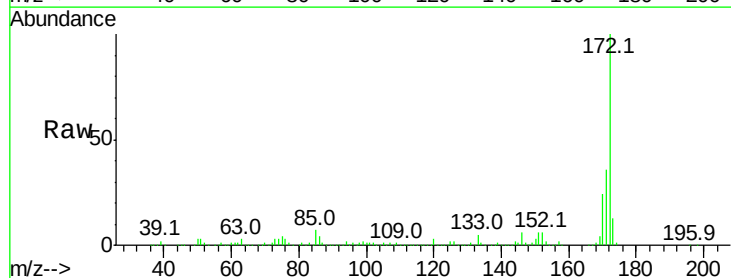


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

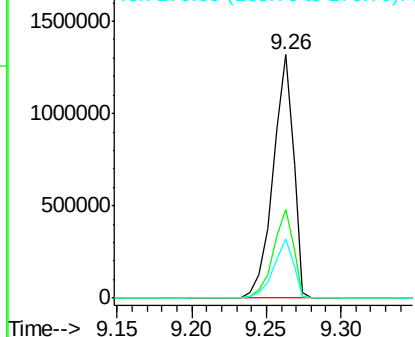
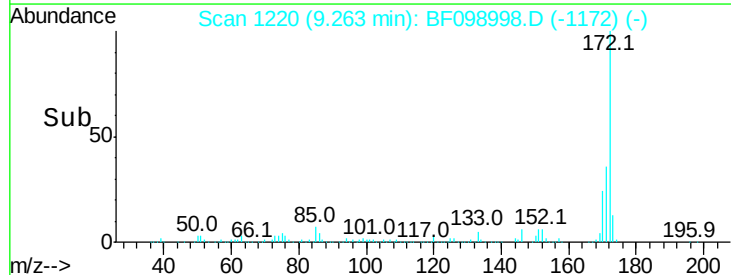


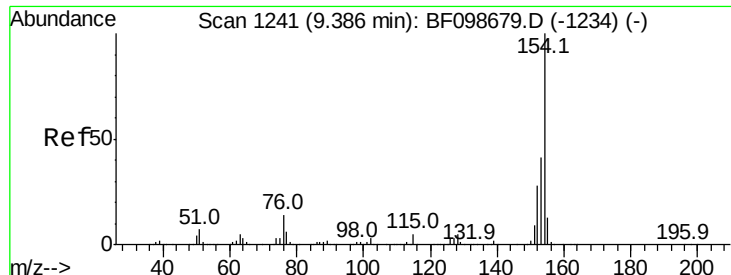
#44
 2-Fluorobiphenyl
 Concen: 85.631 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion:	172	Resp:	1240860
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 41.851 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

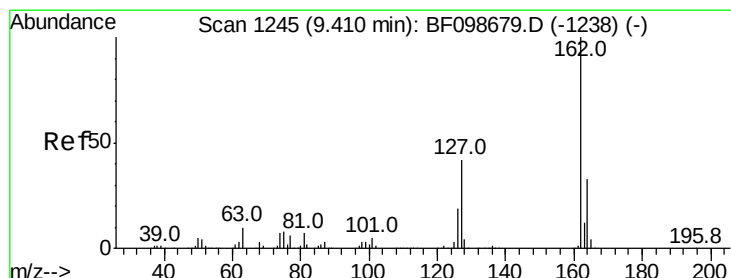
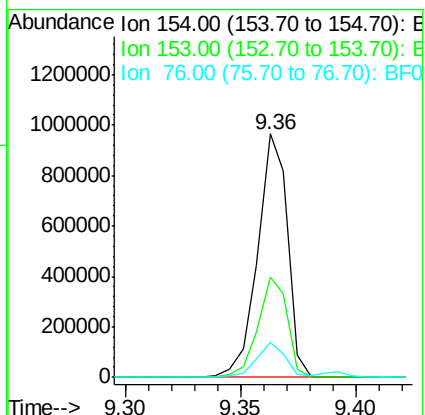
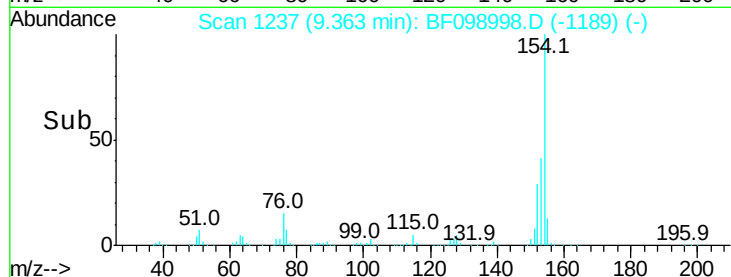
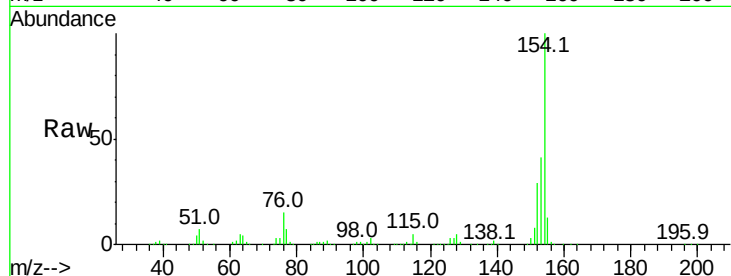
Tot Ion:154 Resp: 870128

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

76 14.6 0.0 34.0



#46

2-Chloronaphthalene

Concen: 41.855 ng

RT: 9.39 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

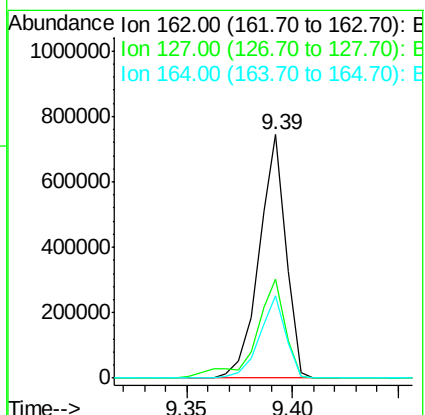
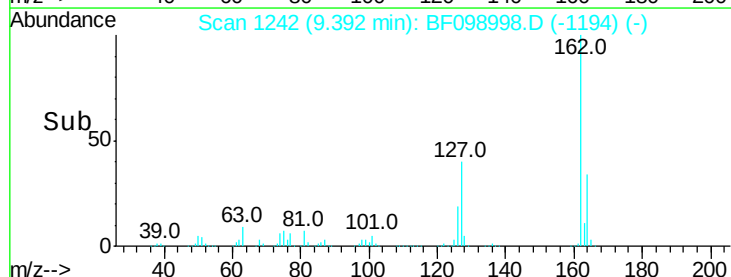
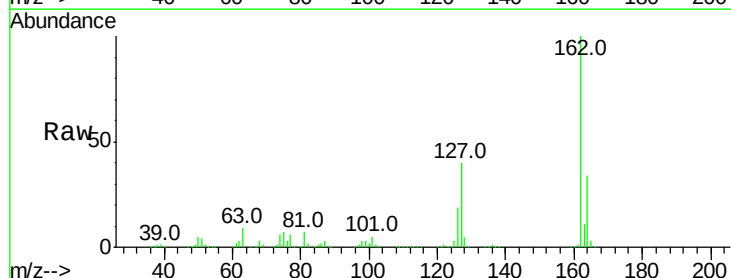
Tgt Ion:162 Resp: 653366

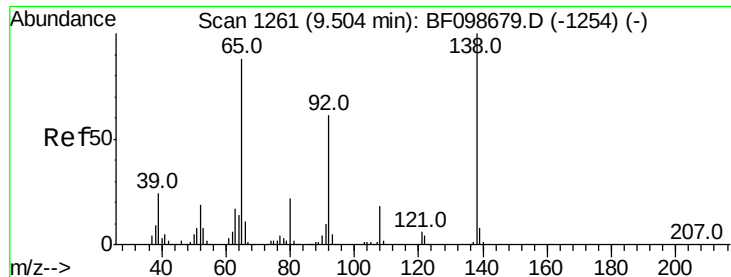
Ion Ratio Lower Upper

162 100

127 40.4 33.9 50.9

164 33.6 26.5 39.7





#47

2-Nitroaniline

Concen: 42.330 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

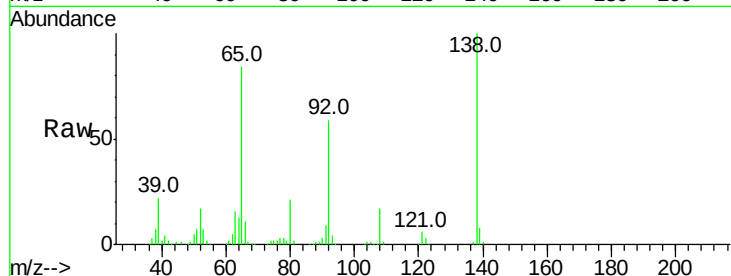
Tot Ion: 65 Resp: 202329

Ion Ratio Lower Upper

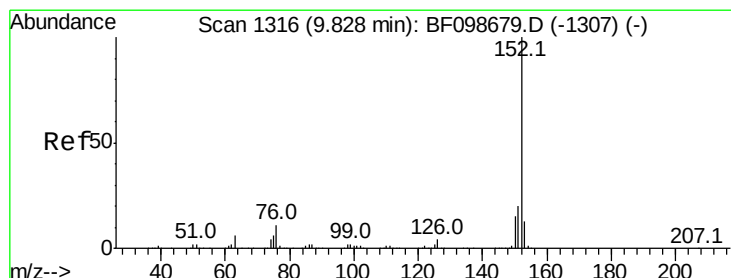
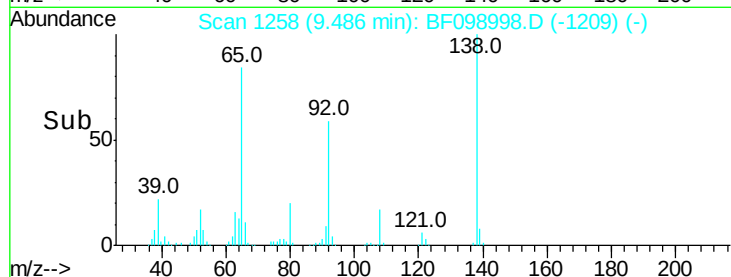
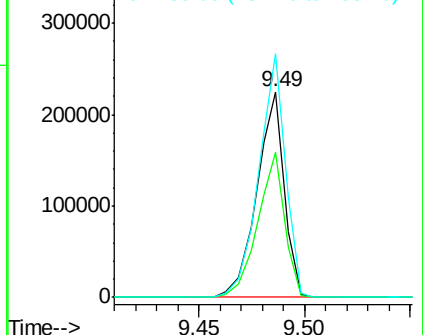
65 100

92 70.4 55.8 83.6

138 118.6 91.2 136.8



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: 41.700 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

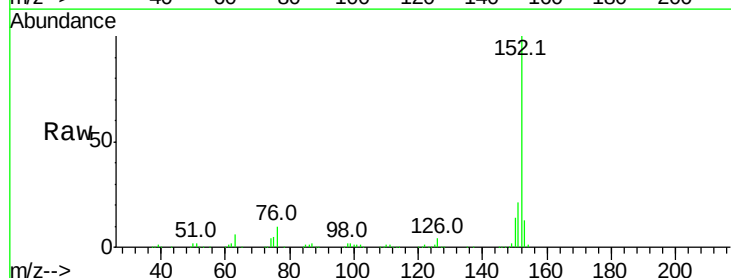
Tgt Ion: 152 Resp: 996498

Ion Ratio Lower Upper

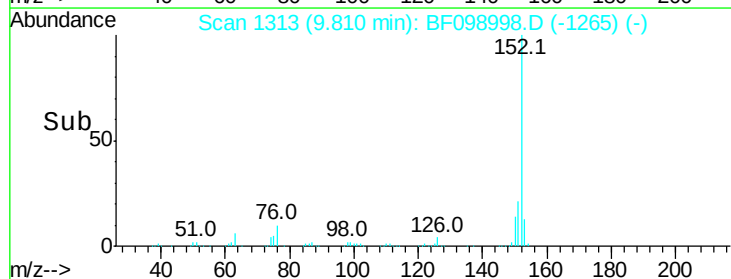
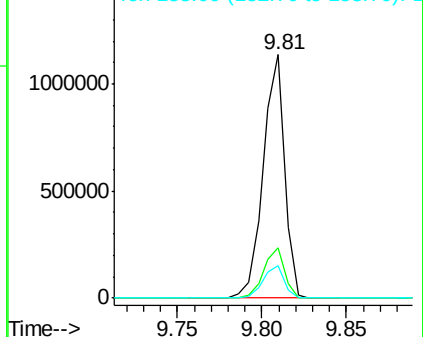
152 100

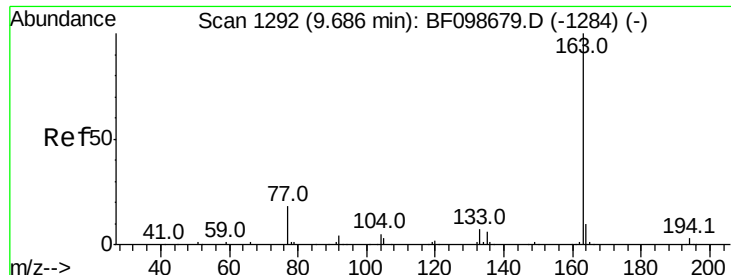
151 20.8 16.3 24.5

153 13.1 10.7 16.1



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

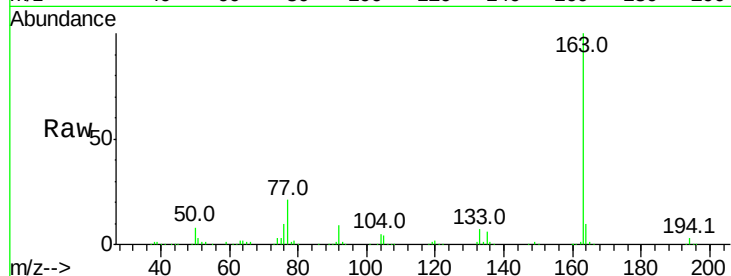




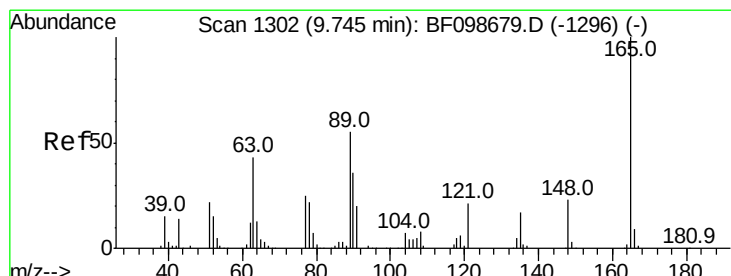
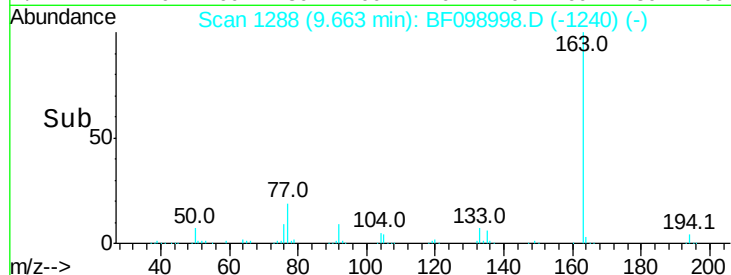
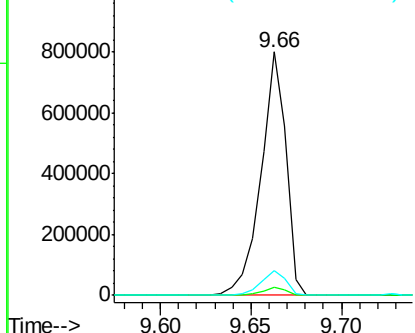
#49
Dimethylphthalate
Concen: 41.871 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 764482
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.4 8.2 12.2

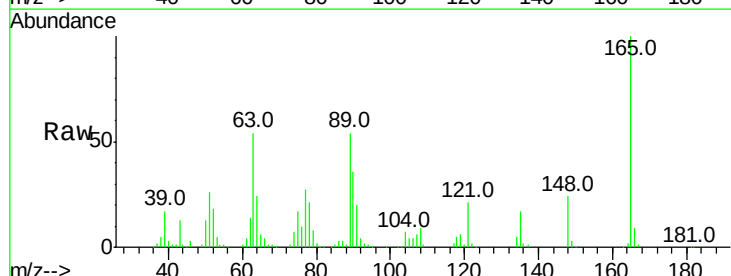


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

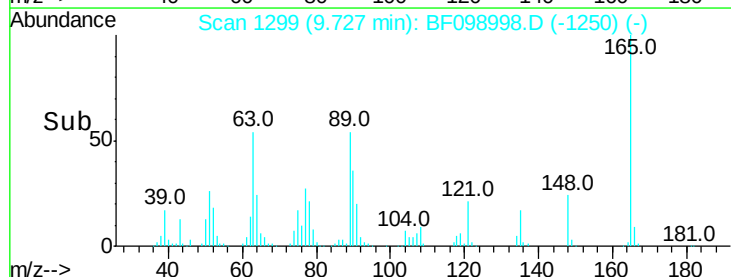
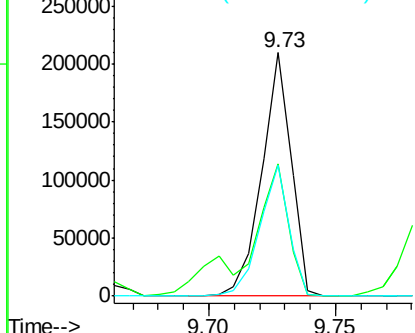


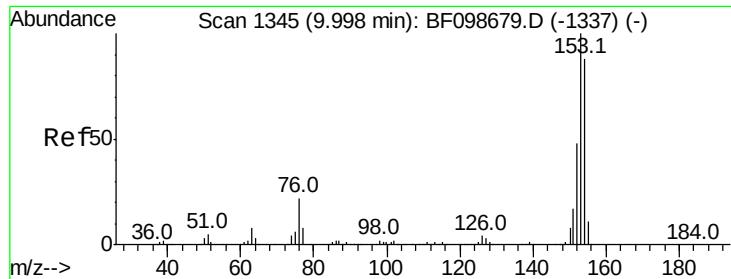
#50
2,6-Dinitrotoluene
Concen: 42.907 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Tgt Ion:165 Resp: 170552
Ion Ratio Lower Upper
165 100
63 54.1 44.7 67.1
89 53.9 44.0 66.0



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





#51

Acenaphthene

Concen: 41.780 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

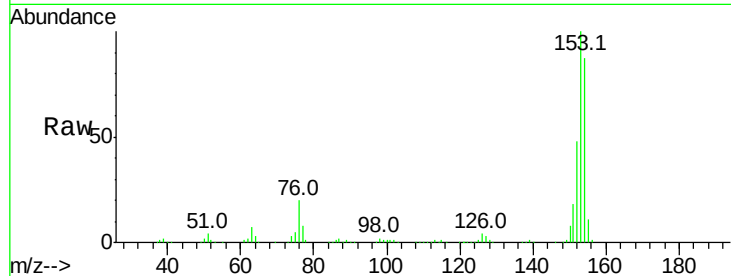
Tot Ion:154 Resp: 632444

Ion Ratio Lower Upper

154 100

153 114.8 91.2 136.8

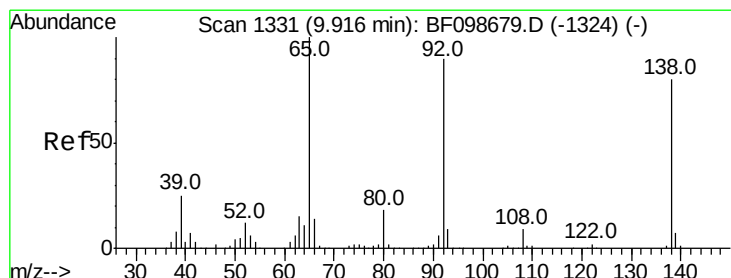
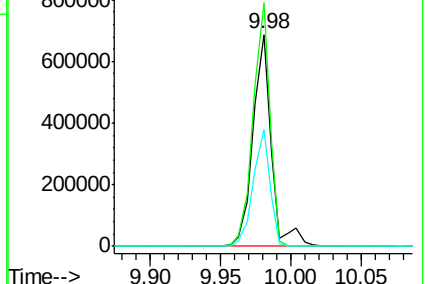
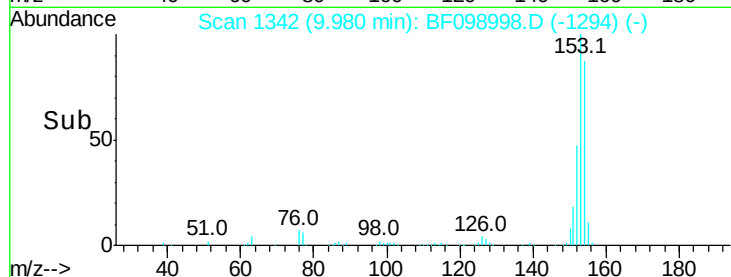
152 54.8 43.8 65.8



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: 43.516 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

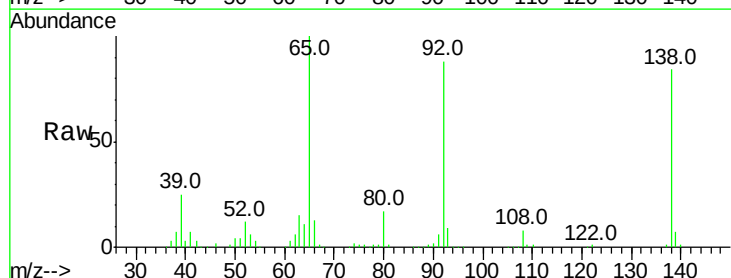
Tgt Ion:138 Resp: 201687

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

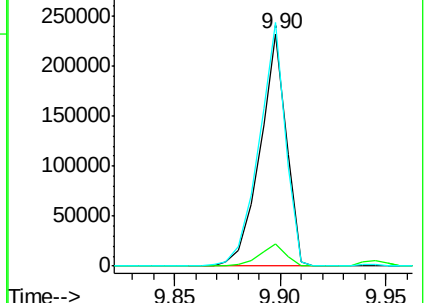
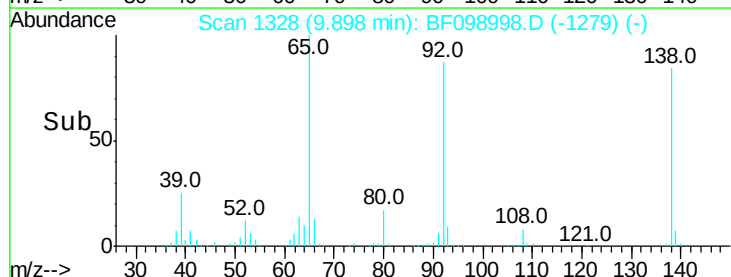
92 104.8 89.4 134.2

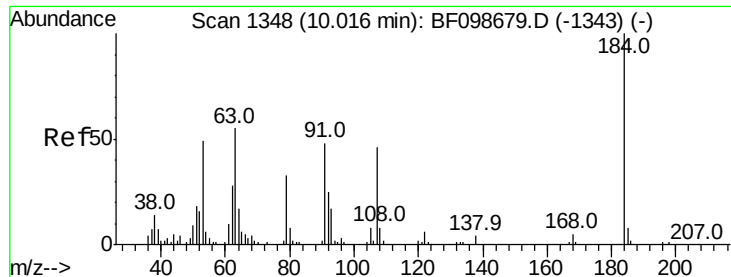


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

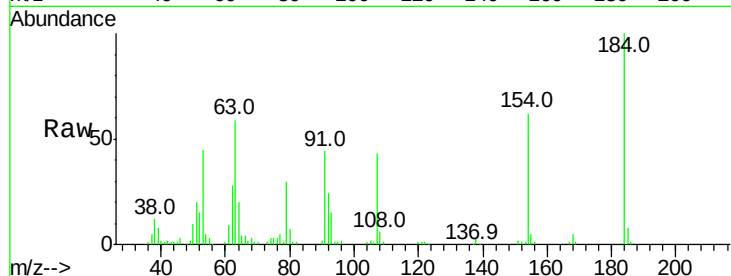




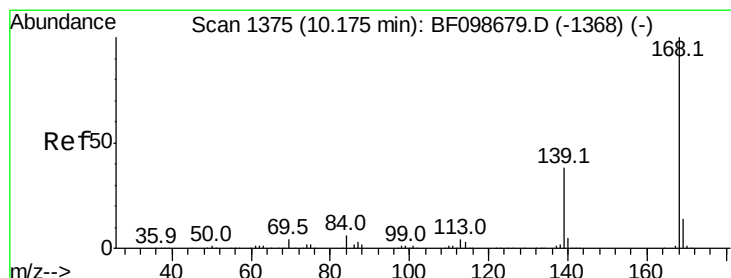
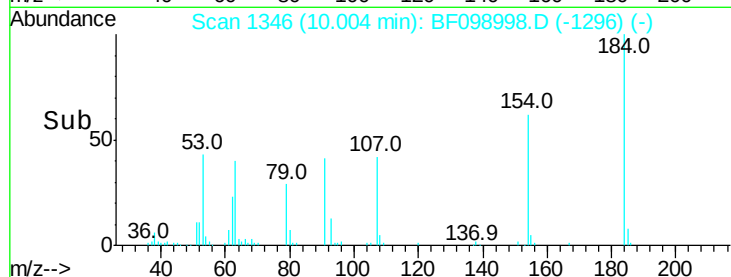
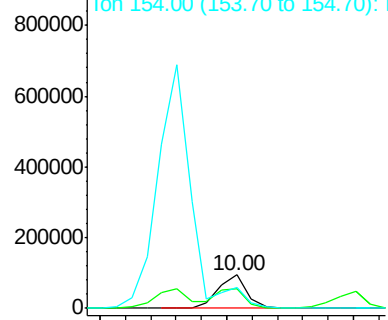
#53
2,4-Dinitrophenol
Concen: 39.660 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 75515
Ion Ratio Lower Upper
184 100
63 59.5 54.2 81.2
154 62.0 53.5 80.3

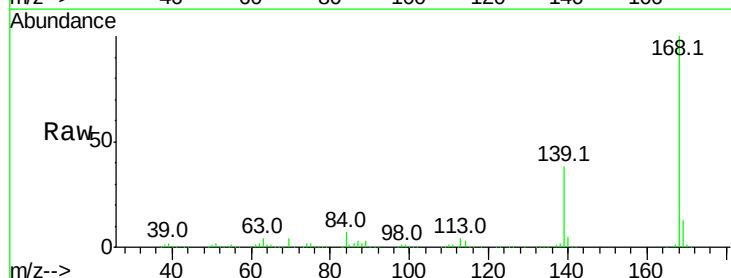


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

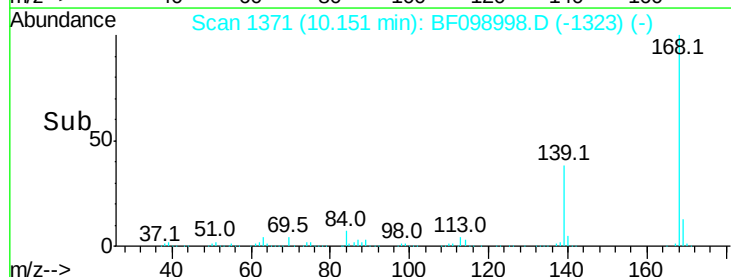
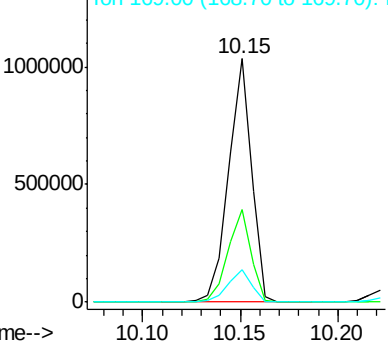


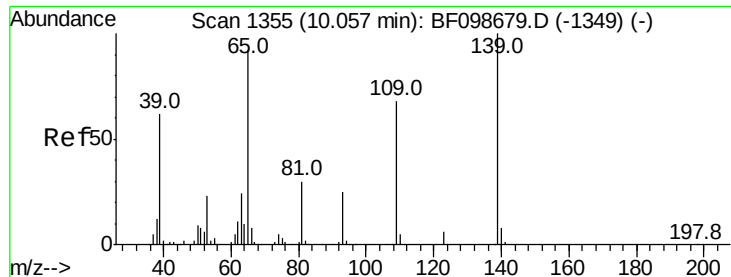
#54
Dibenzofuran
Concen: 41.954 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Tgt Ion:168 Resp: 845581
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 13.2 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

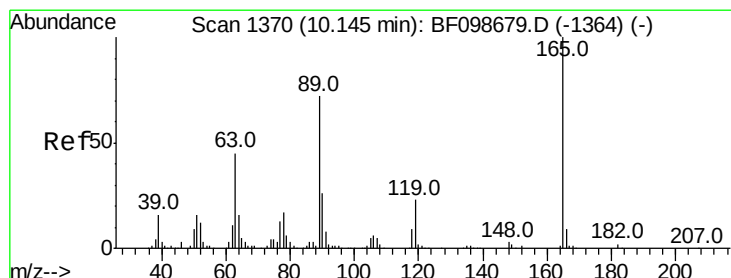
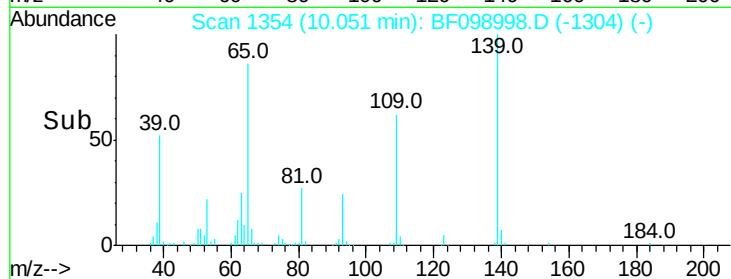
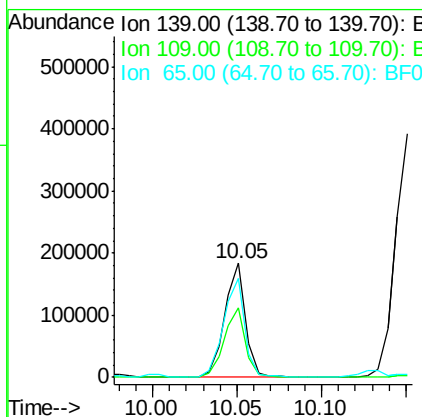
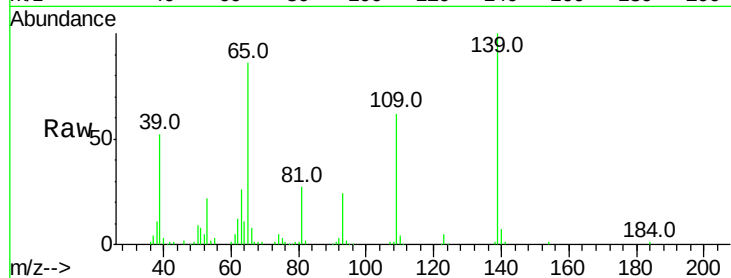




#55
4-Nitrophenol
Concen: 40.209 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

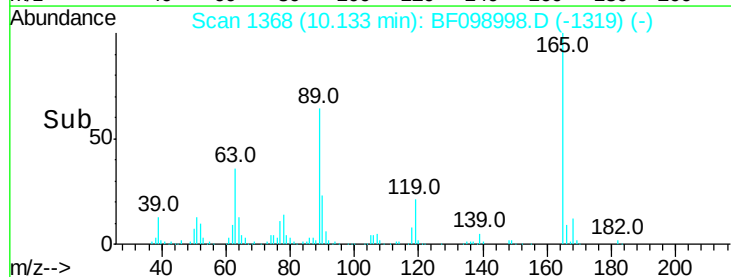
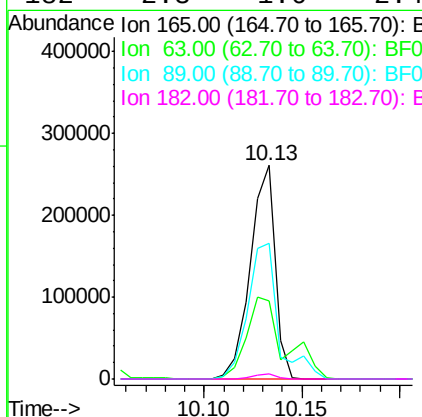
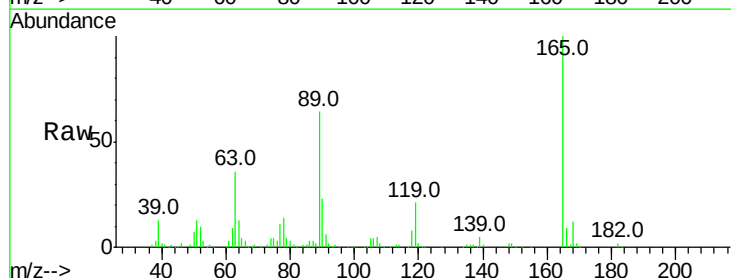
Instrument :
BNA_F
ClientSampled :

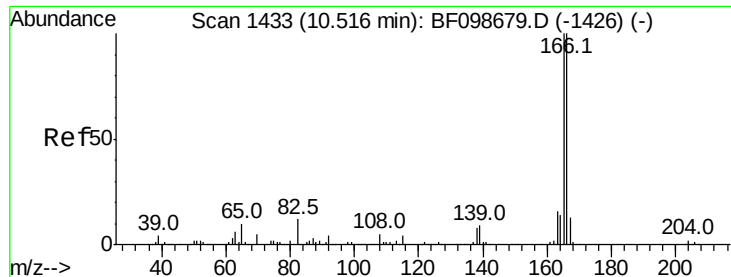
Tot Ion:139 Resp: 157581
Ion Ratio Lower Upper
139 100
109 61.5 48.4 88.4
65 86.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.618 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Tgt Ion:165 Resp: 230175
Ion Ratio Lower Upper
165 100
63 36.5 36.4 54.6
89 63.7 57.8 86.6
182 2.3 1.6 2.4

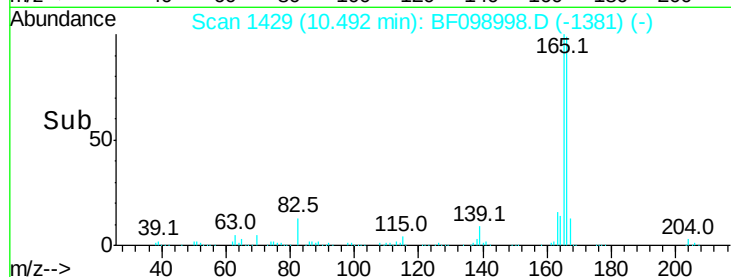
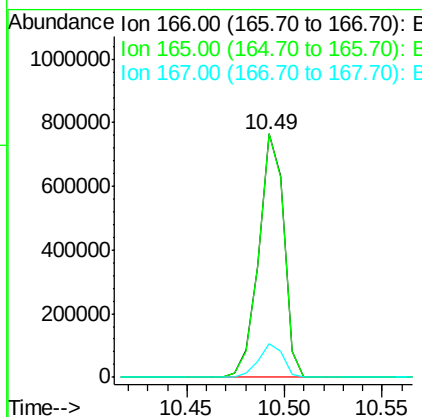
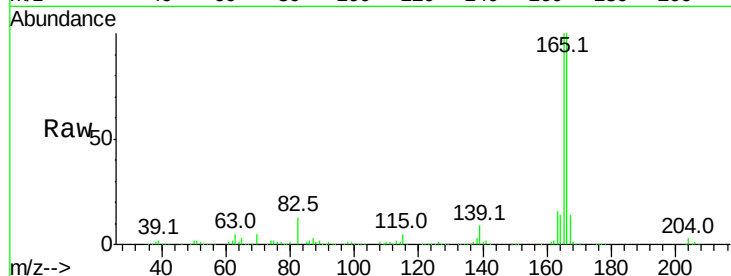




#57
 Fluorene
 Concen: 42.032 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

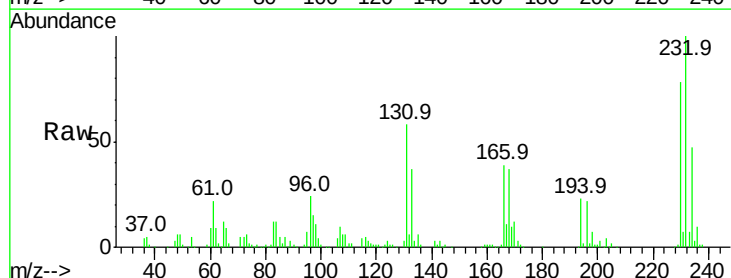
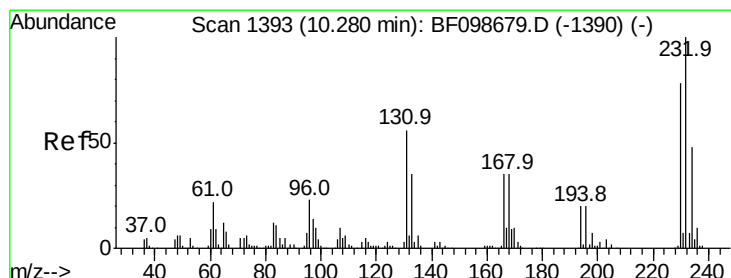
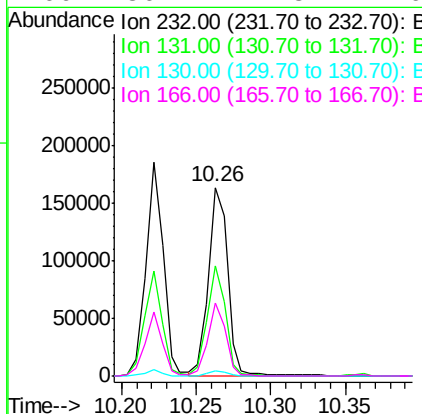
Instrument :
 BNA_F
 ClientSampleId :

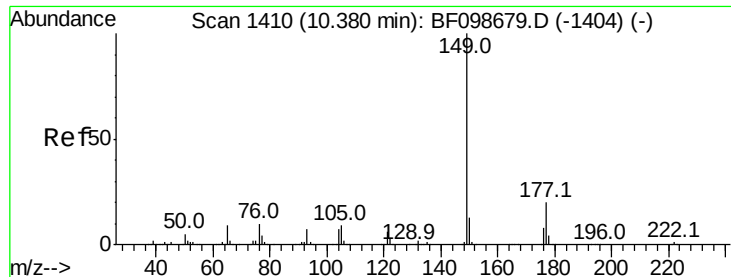
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.8
167	13.7	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.455 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion	Ratio	Lower	Upper
232	100		
131	56.1	43.8	65.8
130	2.8	2.1	3.1
166	36.1	27.8	41.6

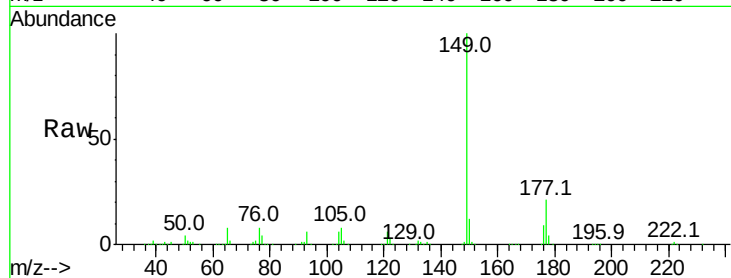




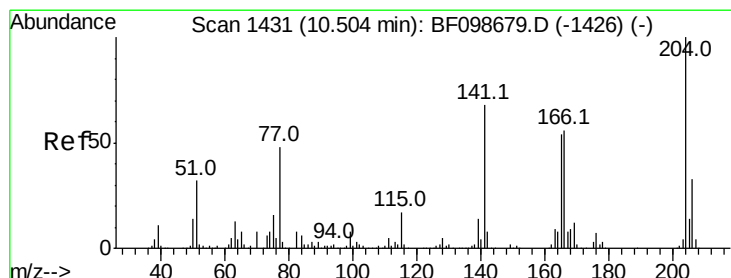
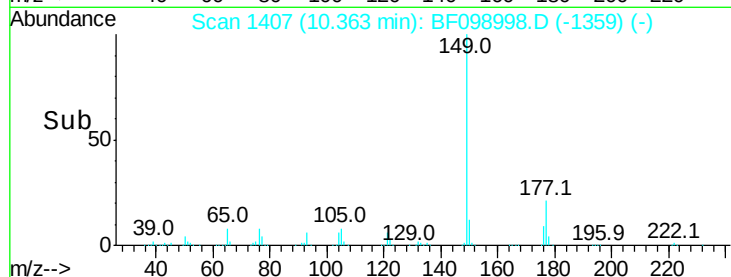
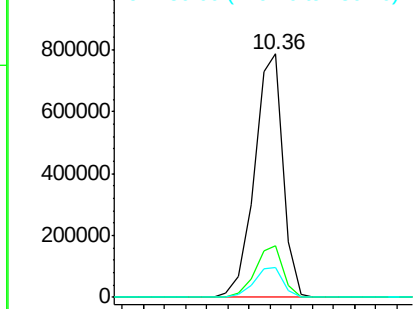
#59
Diethylphthalate
Concen: 41.246 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 735858
Ion Ratio Lower Upper
149 100
177 21.2 16.1 24.1
150 12.4 10.1 15.1

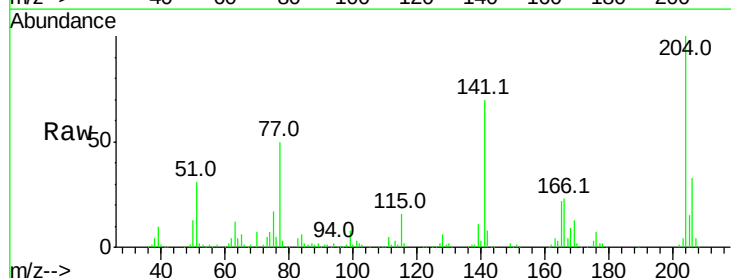


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

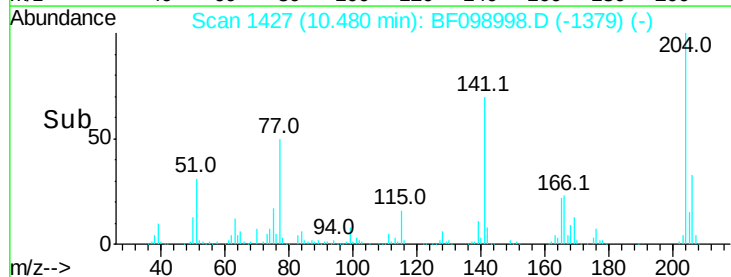
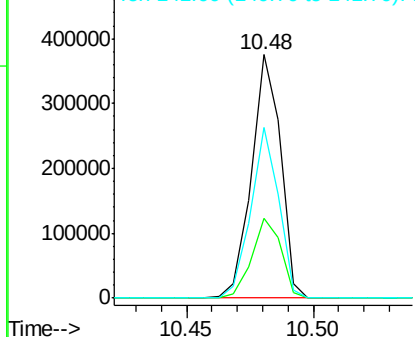


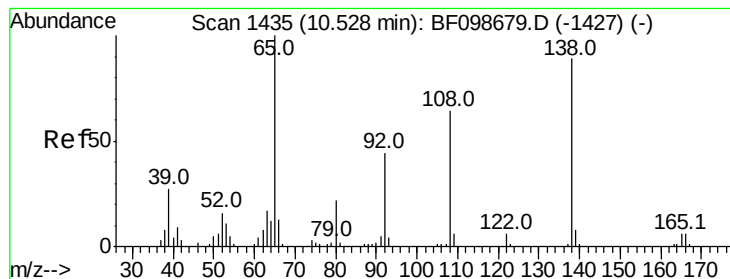
#60
4-Chlorophenyl-phenylether
Concen: 41.175 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Tgt Ion:204 Resp: 299625
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 70.3 54.6 81.8



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: 43.575 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

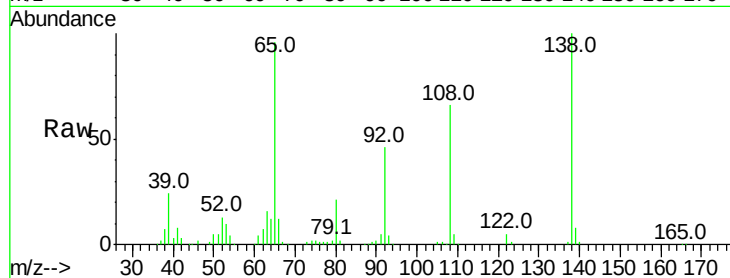
Tot Ion:138 Resp: 194845

Ion Ratio Lower Upper

138 100

92 46.0 30.2 70.2

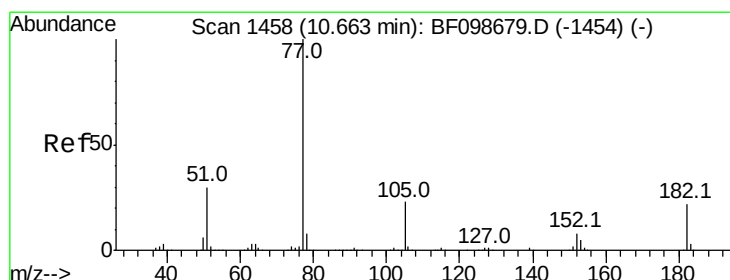
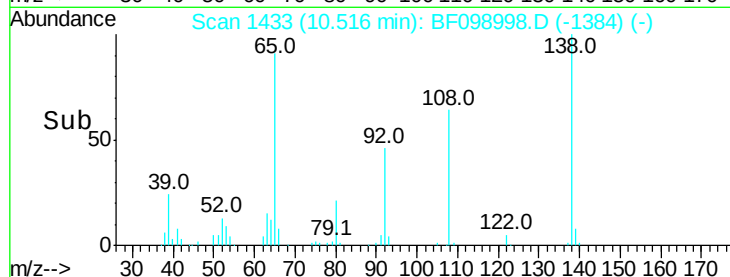
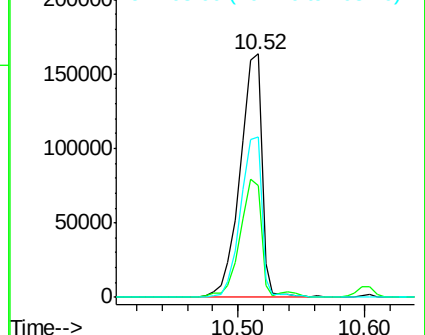
108 65.7 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.589 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Tgt Ion: 77 Resp: 665828

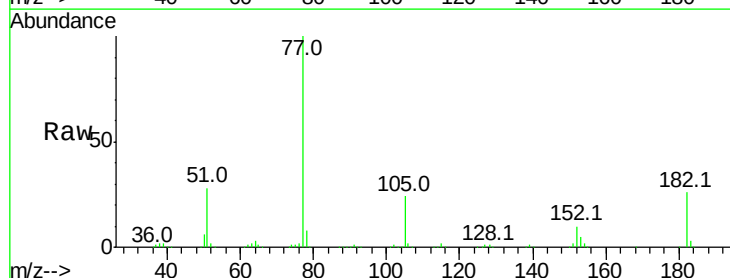
Ion Ratio Lower Upper

77 100

182 25.6 1.7 41.7

105 24.3 3.0 43.0

51 27.5 9.9 49.9

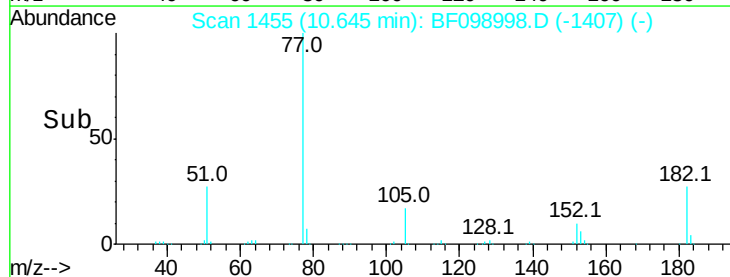
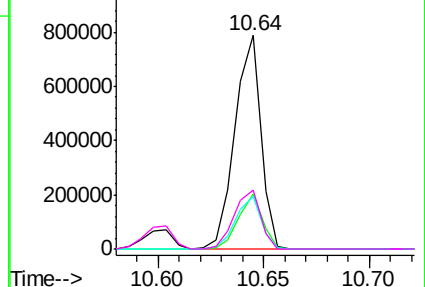


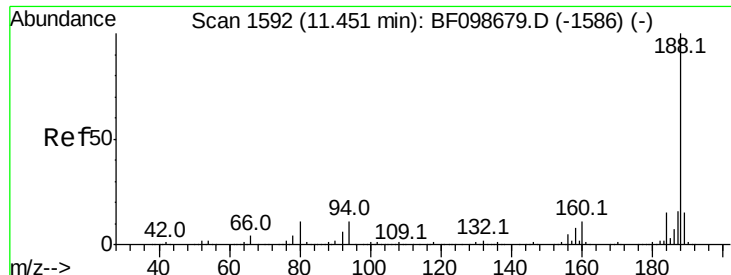
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

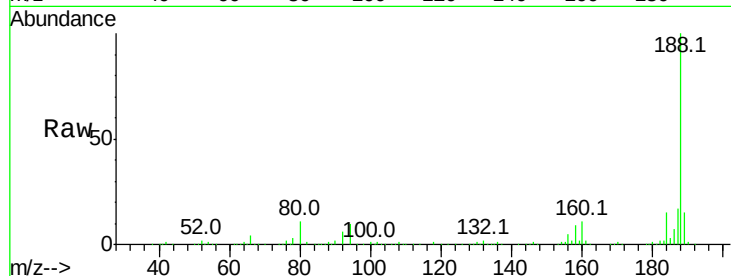
Tot Ion:188 Resp: 423296

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

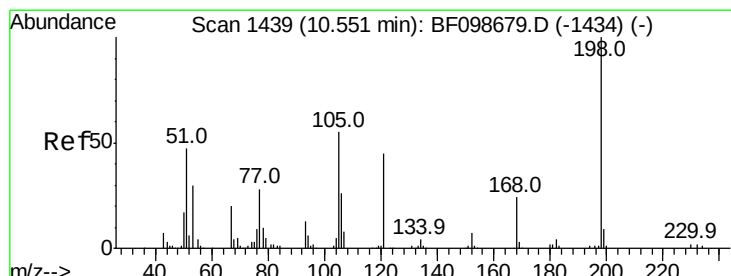
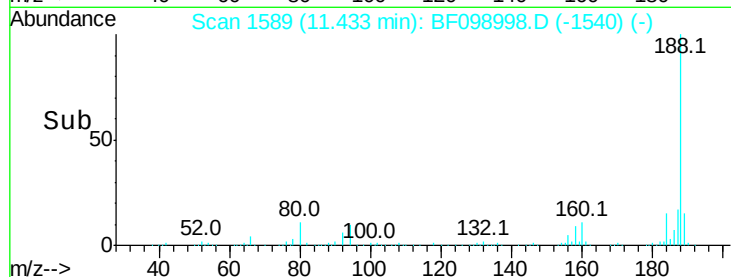
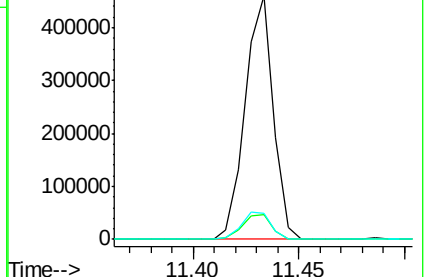
80 11.0 9.2 13.8



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: 44.110 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

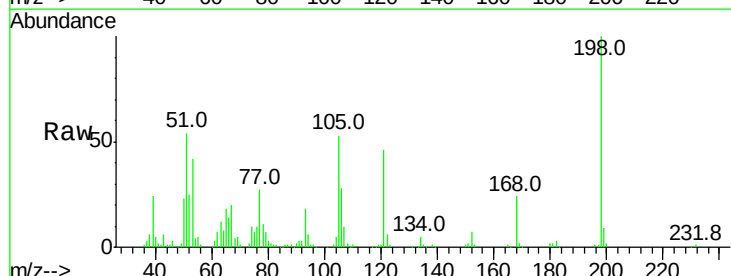
Tgt Ion:198 Resp: 113604

Ion Ratio Lower Upper

198 100

51 54.4 37.7 77.7

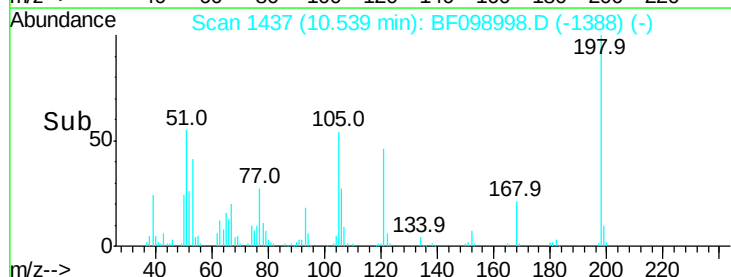
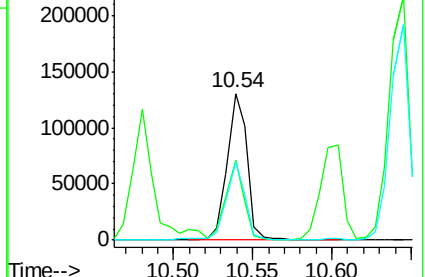
105 53.2 36.3 76.3

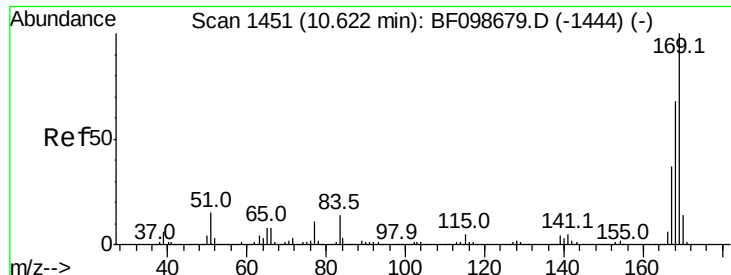


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

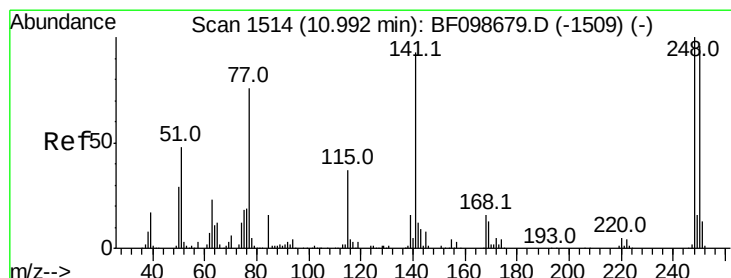
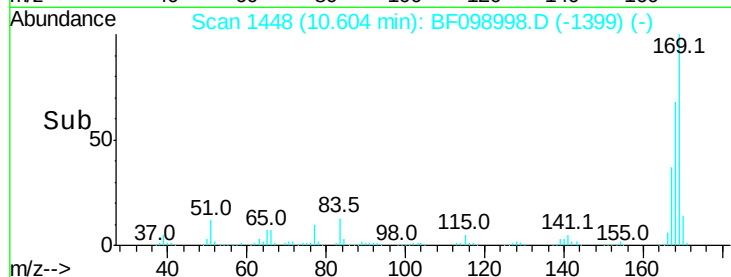
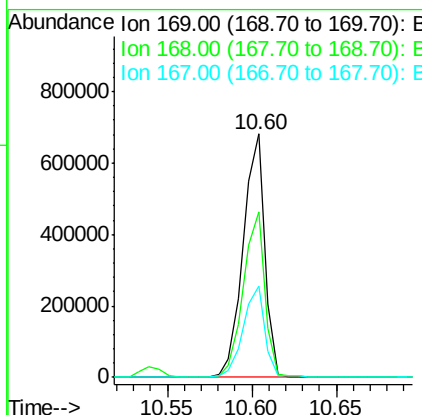
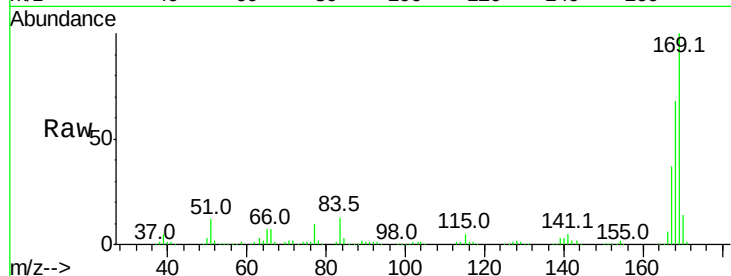




#65
 n-Nitrosodiphenylamine
 Concen: 41.643 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

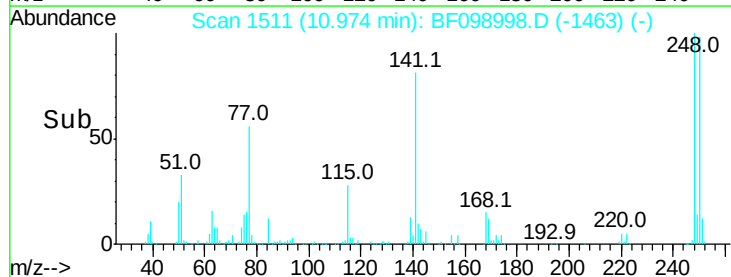
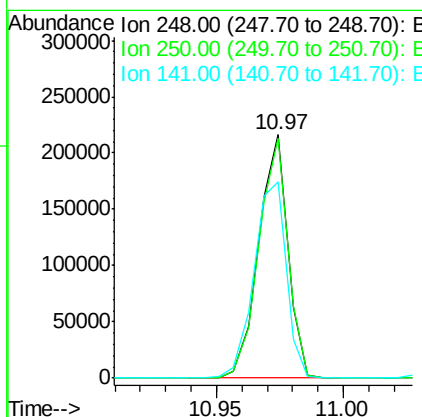
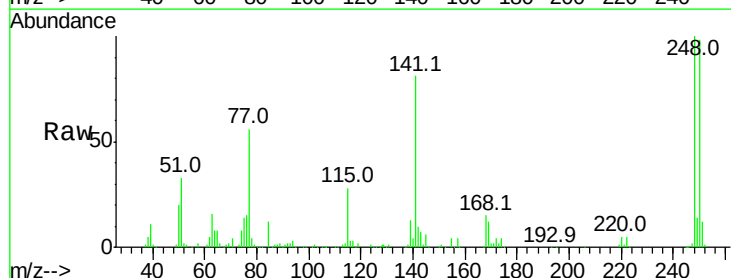
Instrument :
 BNA_F
 ClientSampleId :

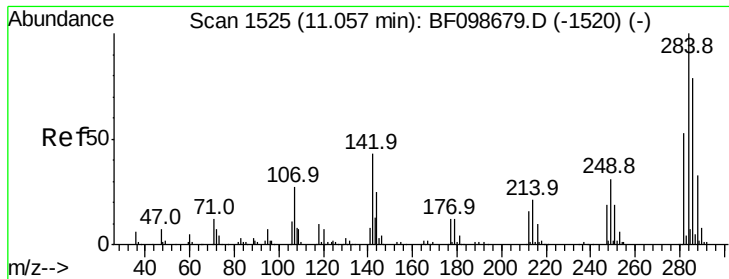
Tot Ion:169 Resp: 610667
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 37.3 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.325 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion:248 Resp: 175368
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.9 115.3
 141 80.7 74.4 111.6





#67

Hexachlorobenzene

Concen: 42.753 ng

RT: 11.04 min Scan# 1522

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

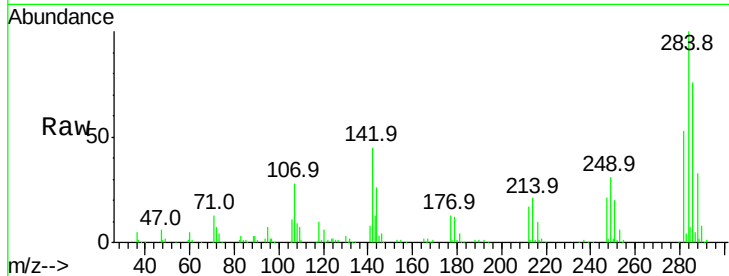
Tot Ion:284 Resp: 189195

Ion Ratio Lower Upper

284 100

142 45.4 34.6 52.0

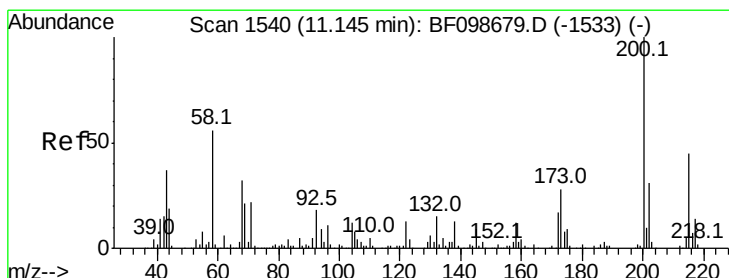
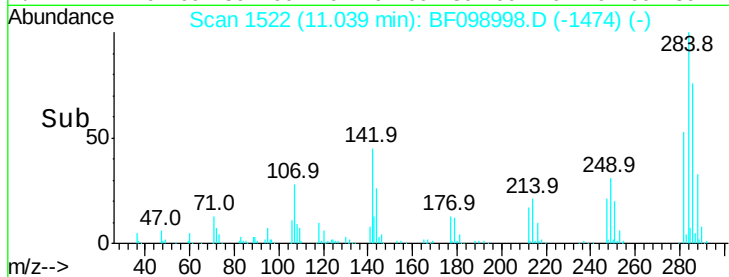
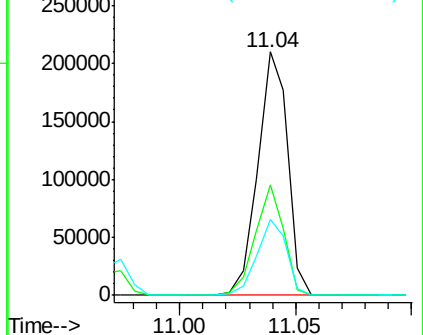
249 31.3 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.897 ng

RT: 11.13 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

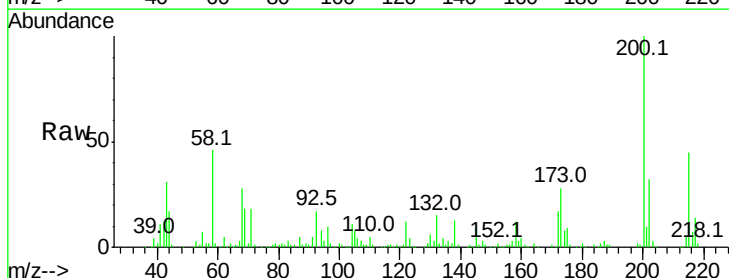
Tgt Ion:200 Resp: 184850

Ion Ratio Lower Upper

200 100

173 28.1 8.6 48.6

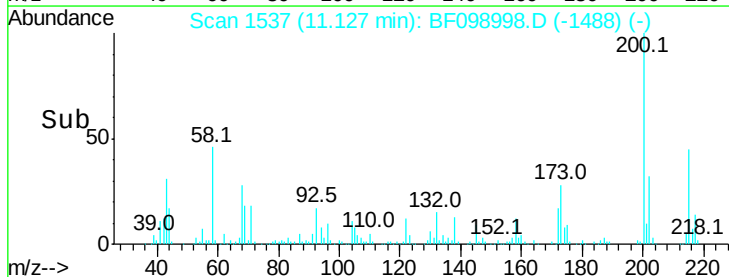
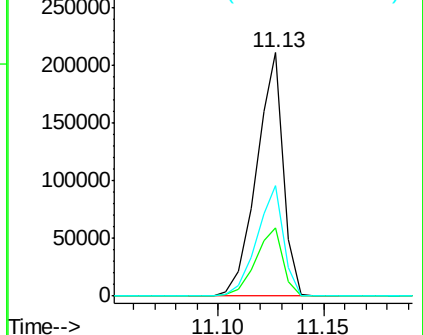
215 45.4 25.1 65.1

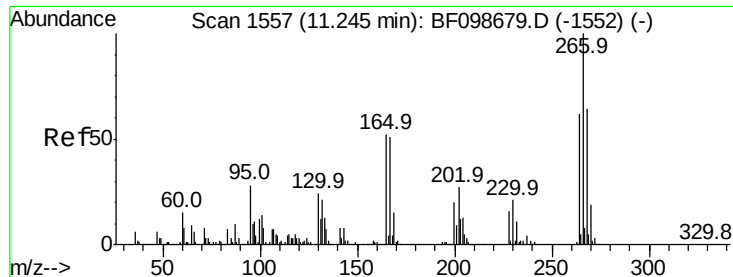


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 38.246 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

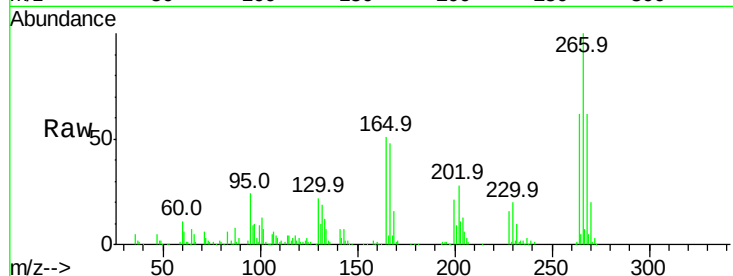
Tot Ion:266 Resp: 105335

Ion Ratio Lower Upper

266 100

268 62.1 51.1 76.7

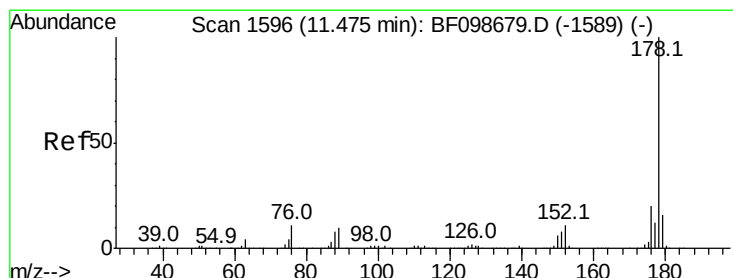
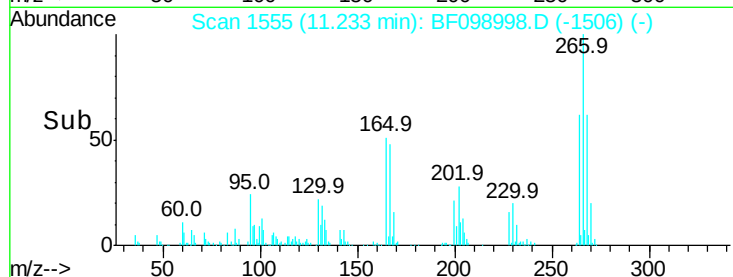
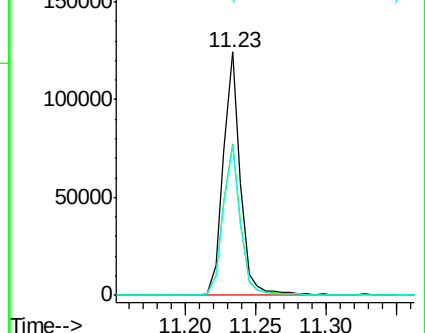
264 61.7 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.525 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

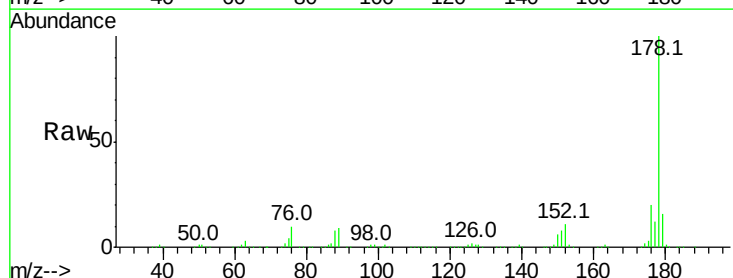
Tgt Ion:178 Resp: 940879

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

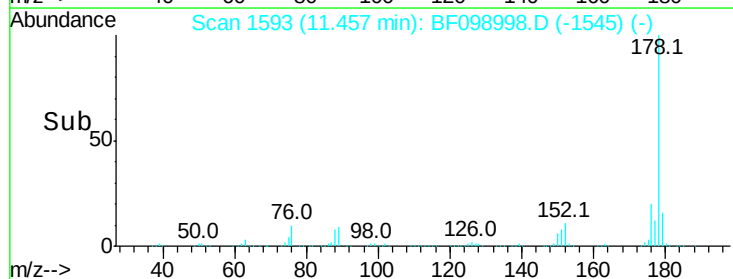
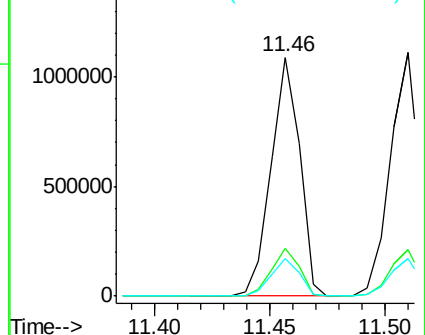
179 15.6 13.0 19.6

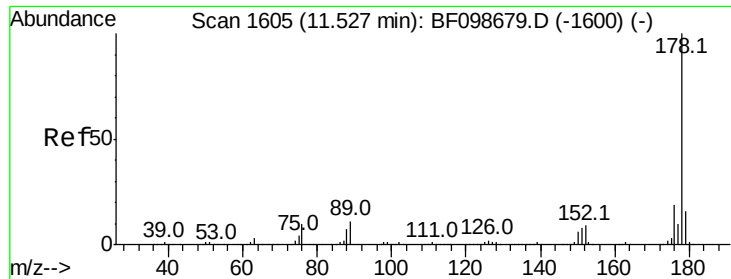


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

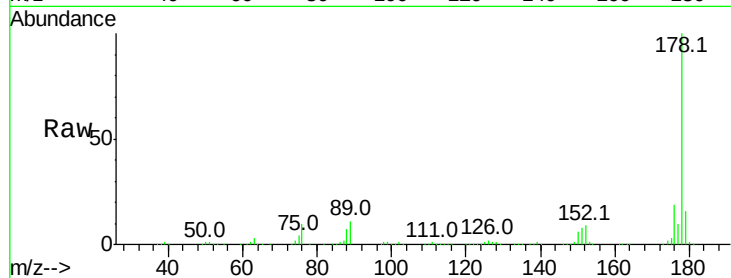




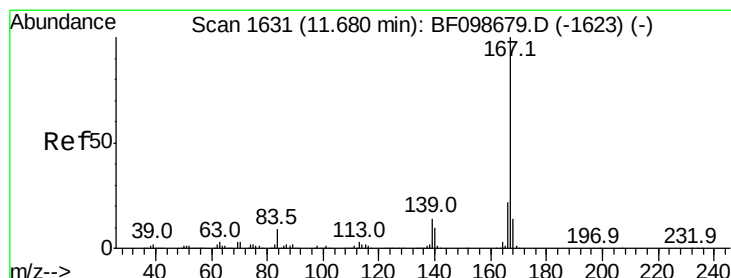
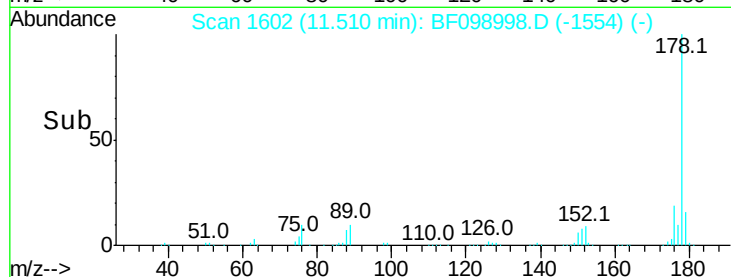
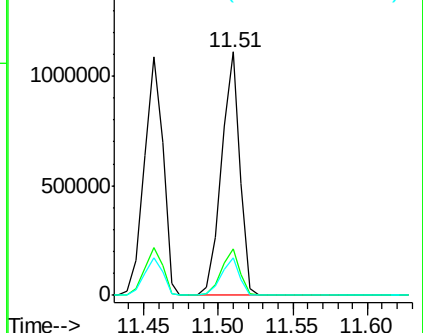
#71
 Anthracene
 Concen: 41.672 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 966102
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.7 12.6 19.0

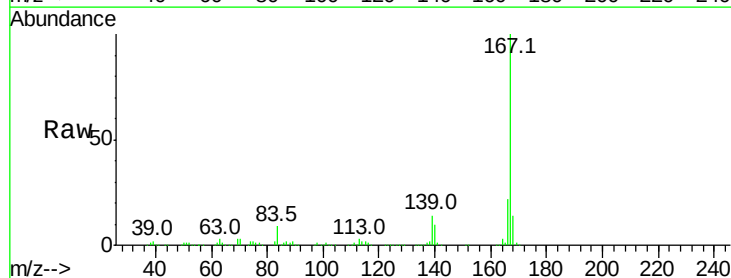


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

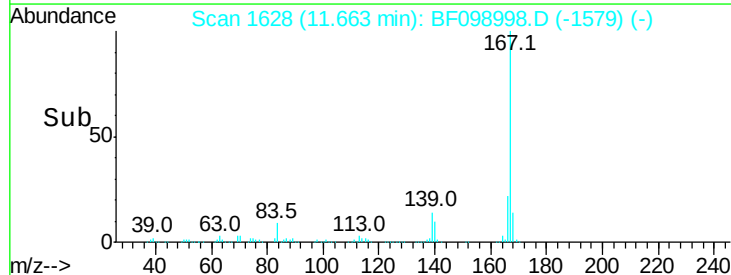
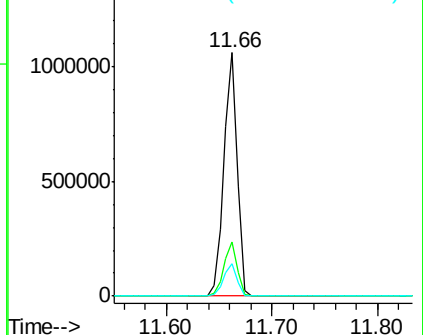


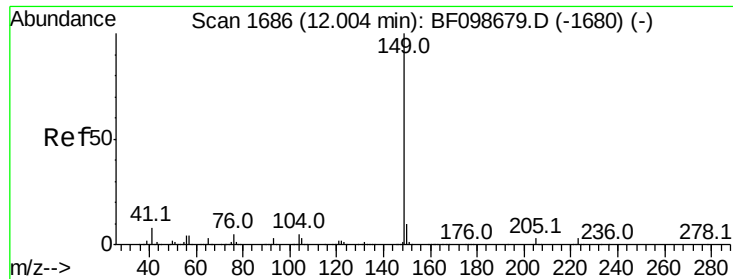
#72
 Carbazole
 Concen: 41.449 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion:167 Resp: 941011
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.5 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.590 ng

RT: 11.99 min Scan# 1683

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

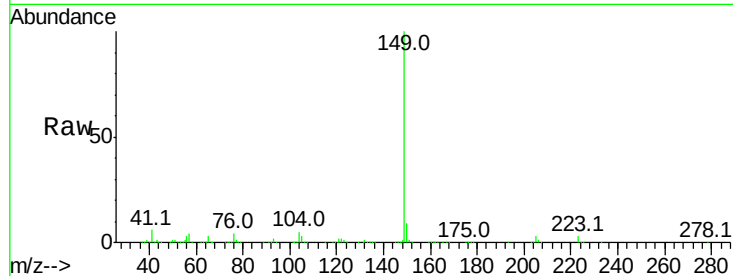
Tot Ion:149 Resp: 1136520

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

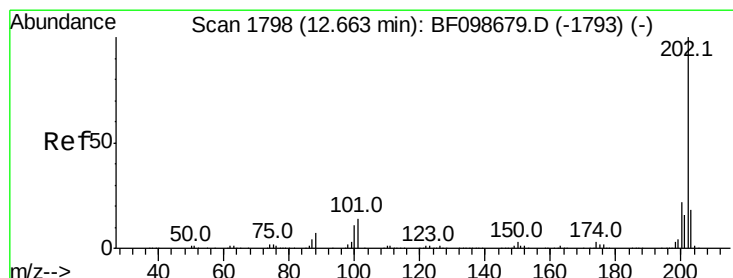
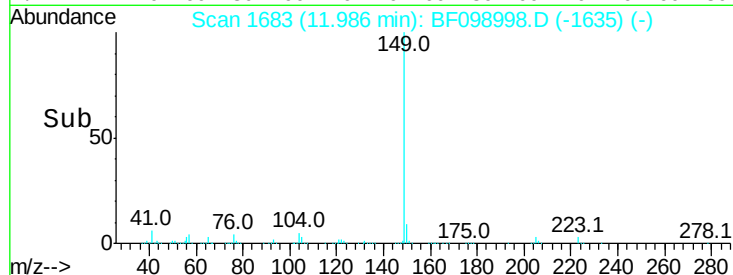
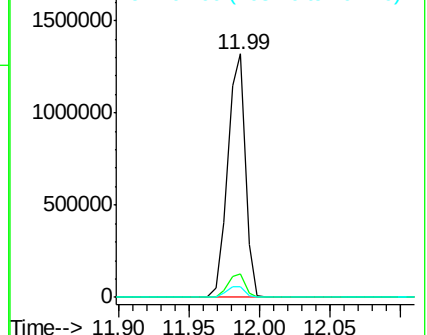
104 4.6 3.8 5.8



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: 40.952 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

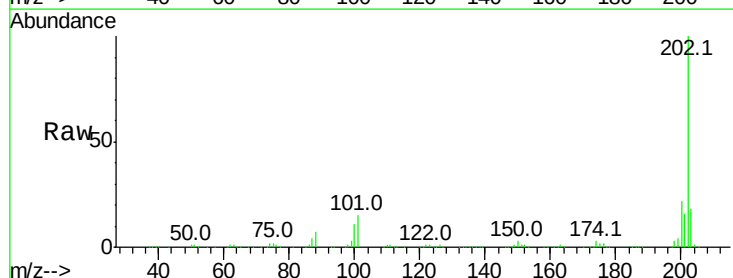
Tgt Ion:202 Resp: 939592

Ion Ratio Lower Upper

202 100

101 14.6 0.0 34.1

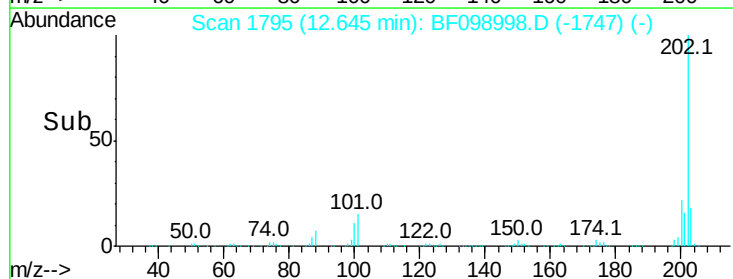
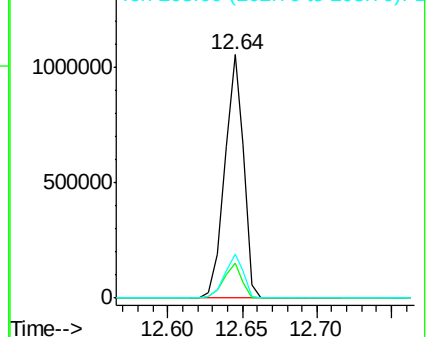
203 18.1 0.0 38.1

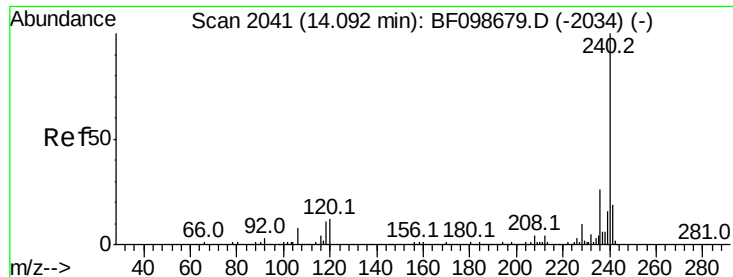


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

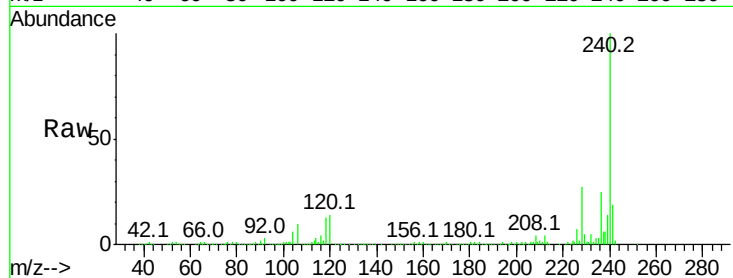
Tot Ion:240 Resp: 299735

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

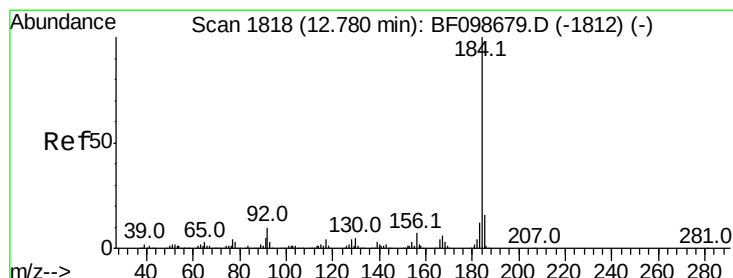
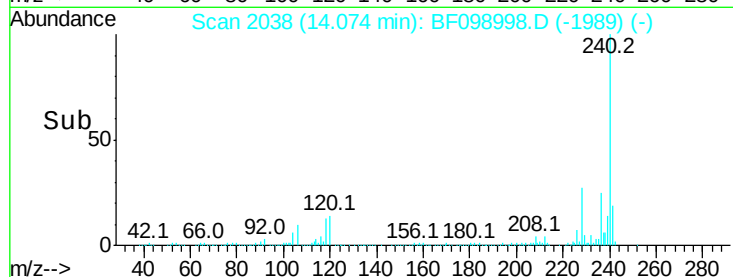
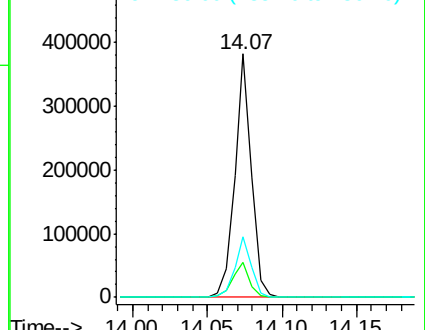
236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.209 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

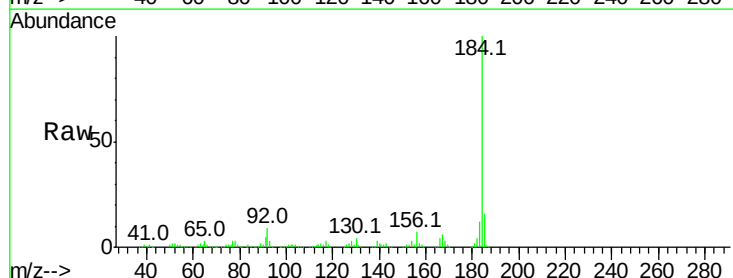
Tgt Ion:184 Resp: 456848

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

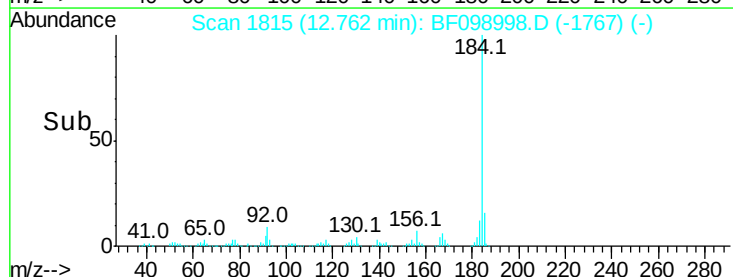
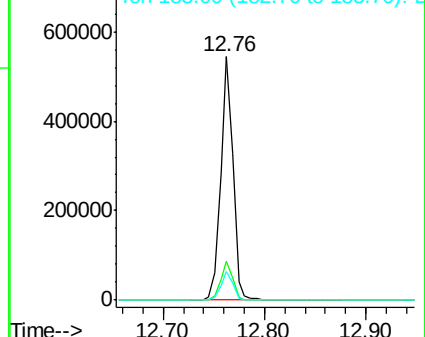
183 11.6 9.3 13.9

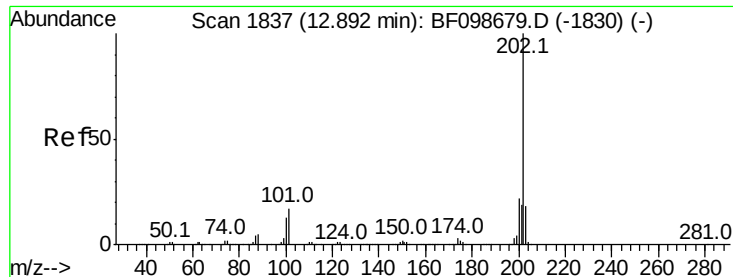


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.727 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

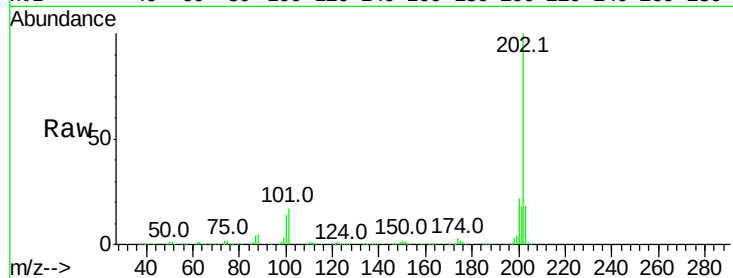
Tot Ion:202 Resp: 976570

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

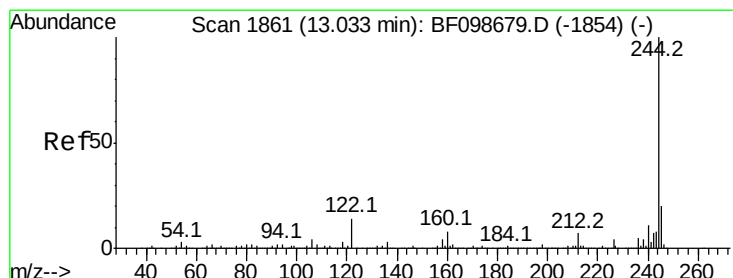
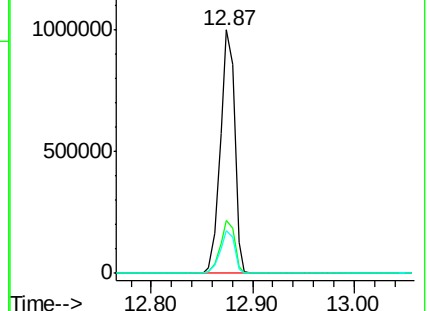
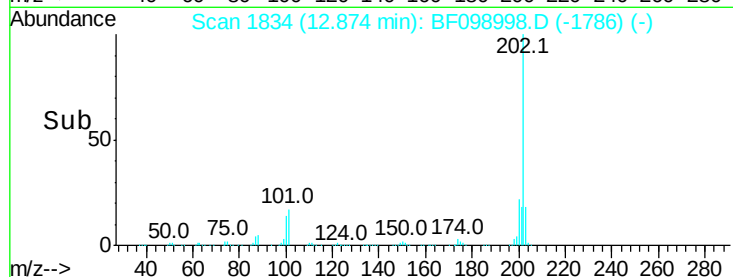
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.284 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

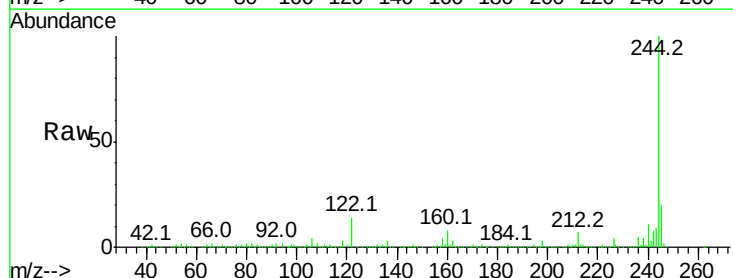
Tgt Ion:244 Resp: 1137203

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

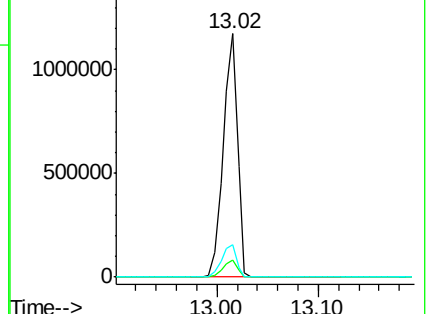
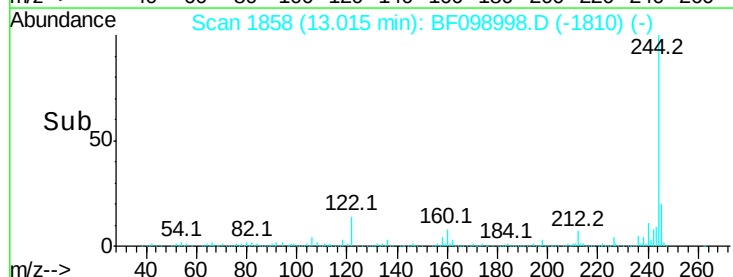
122 13.5 11.0 16.4

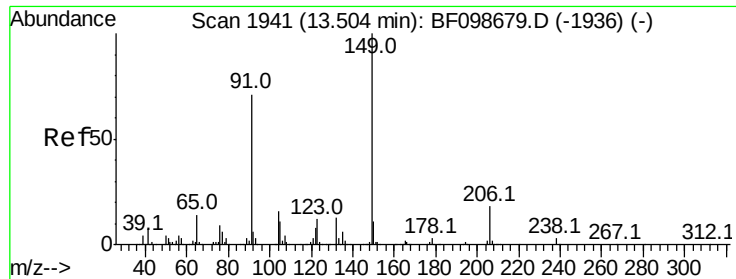


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

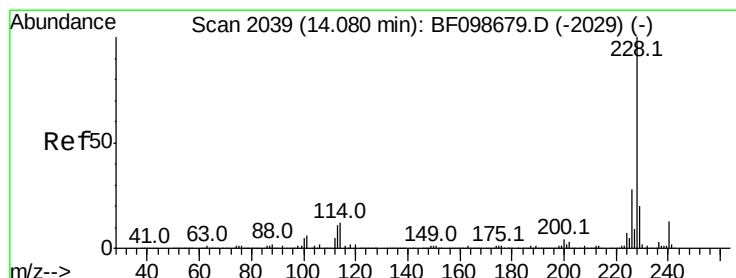
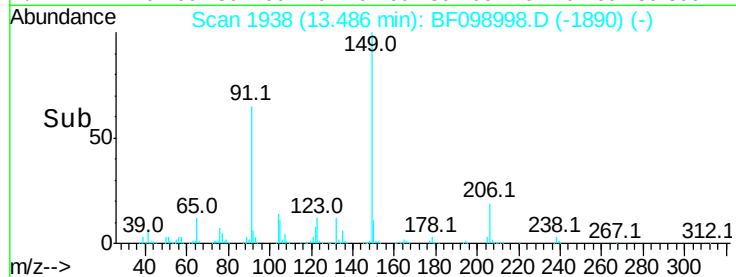
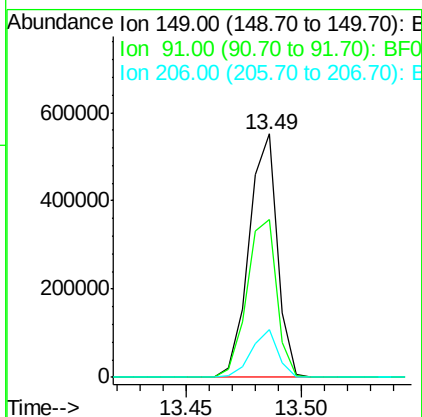
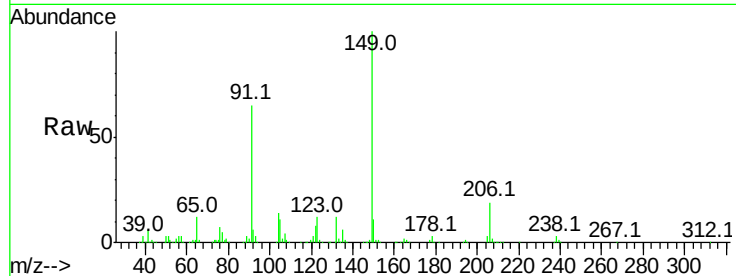




#79
 Butylbenzylphthalate
 Concen: 44.057 ng
 RT: 13.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

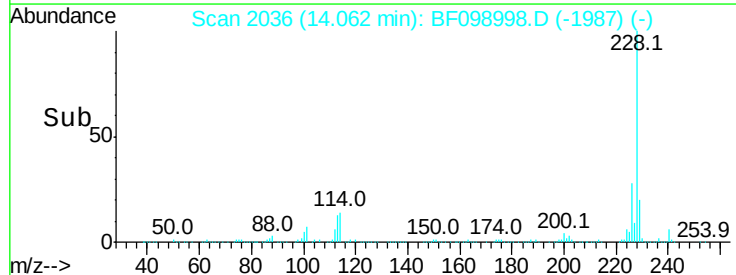
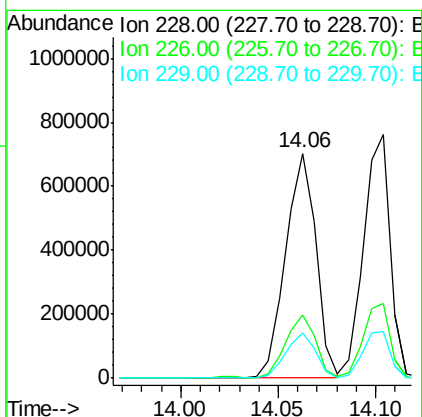
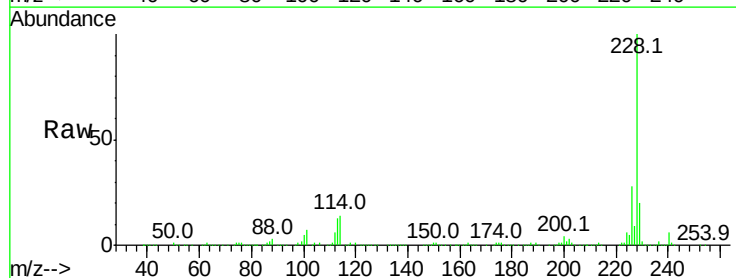
Instrument :
 BNA_F
 ClientSampleId :

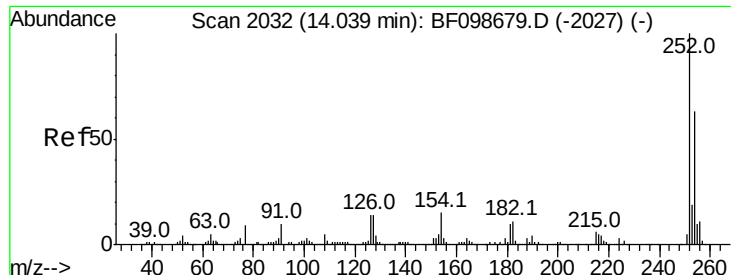
Tot Ion:	149	Resp:	473254
Ion	Ratio	Lower	Upper
149	100		
91	64.9	56.8	85.2
206	19.4	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 41.794 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion:	228	Resp:	758557
Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.8	15.8	23.6

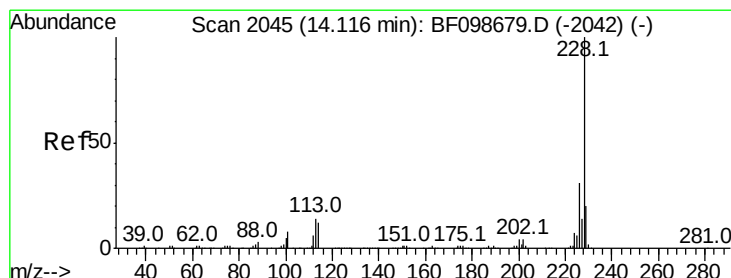
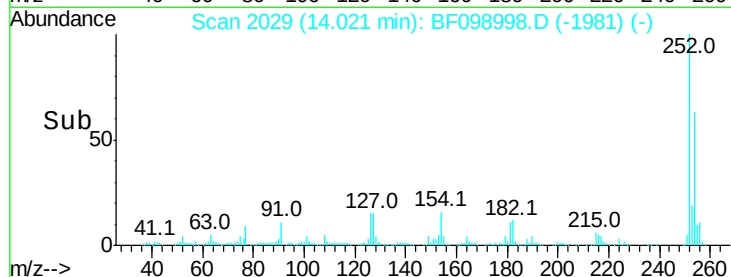
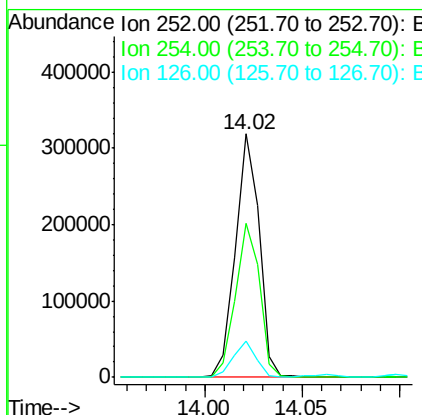
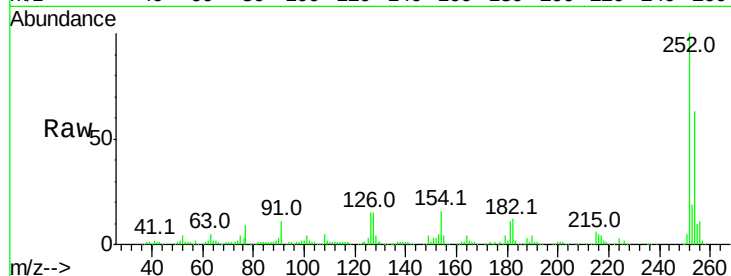




#81
 3,3'-Dichlorobenzidine
 Concen: 40.662 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

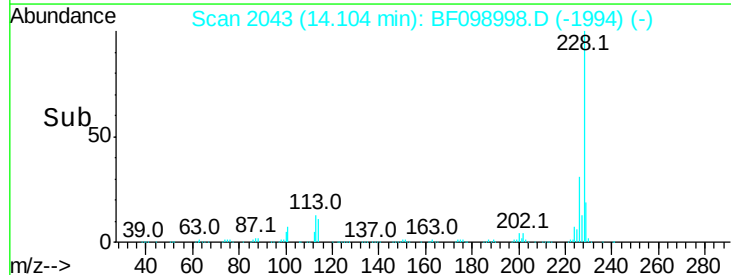
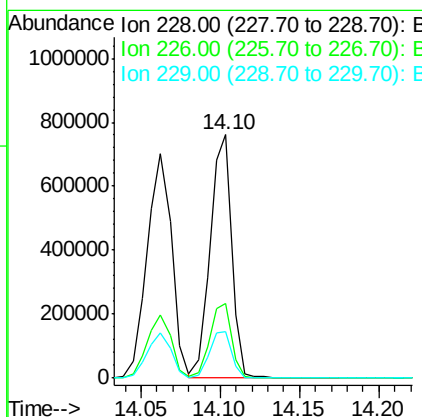
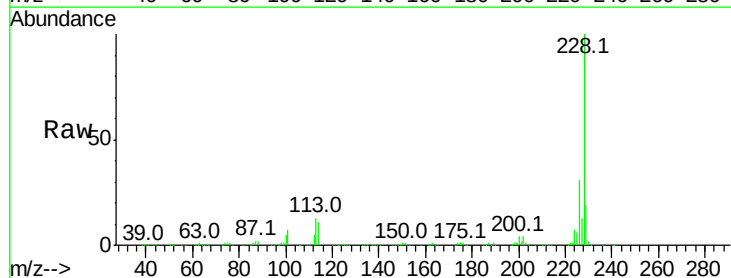
Instrument :
 BNA_F
 ClientSampleId :

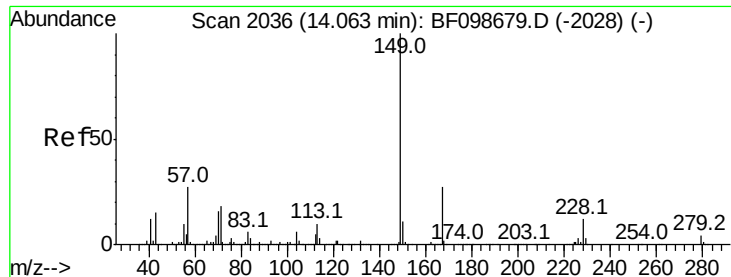
Tot Ion:252 Resp: 270545
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.4 75.6
 126 14.9 11.3 16.9



#82
 Chrysene
 Concen: 41.602 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion:228 Resp: 718854
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 19.3 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.554 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

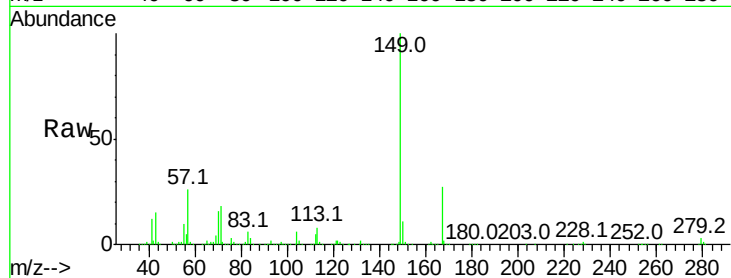
Tot Ion:149 Resp: 644201

Ion Ratio Lower Upper

149 100

167 27.4 21.3 31.9

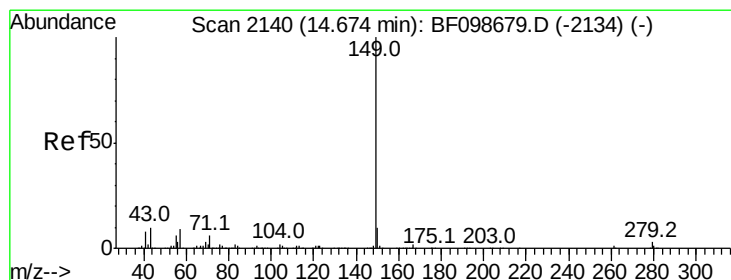
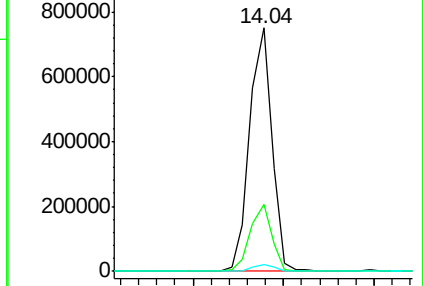
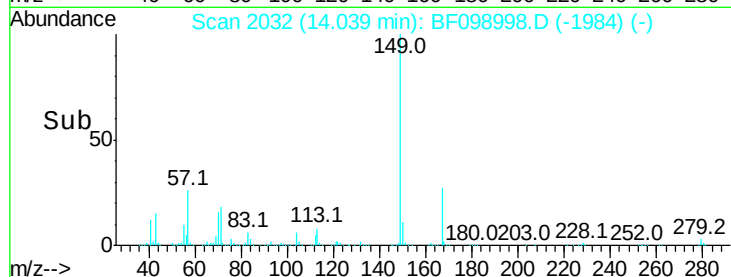
279 2.9 3.0 4.4#



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: 43.617 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

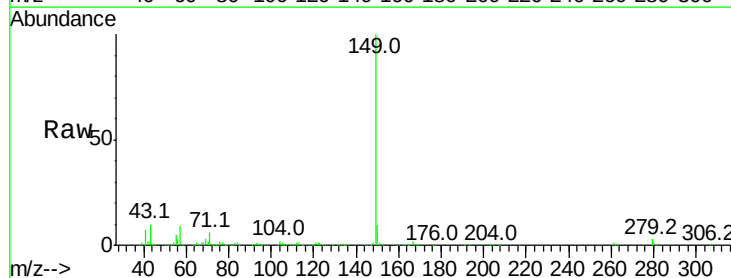
Tgt Ion:149 Resp: 1038806

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

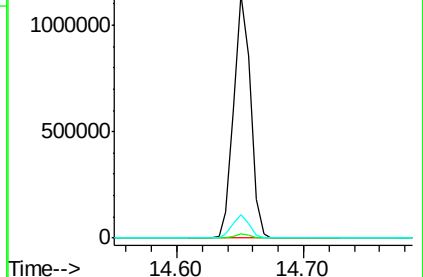
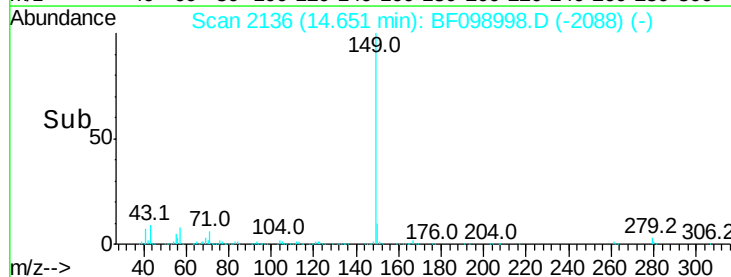
43 9.6 8.4 12.6

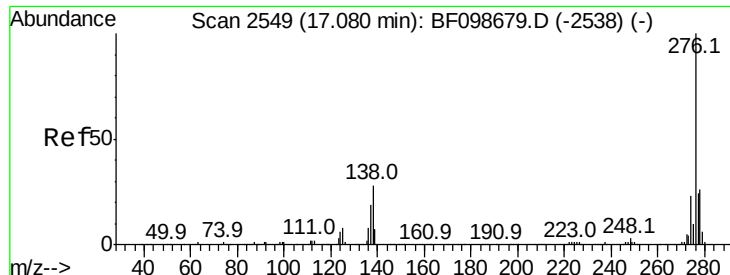


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

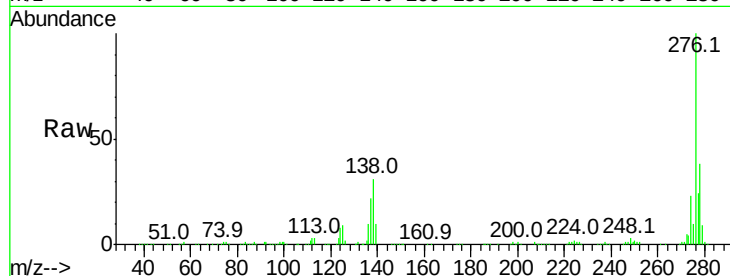




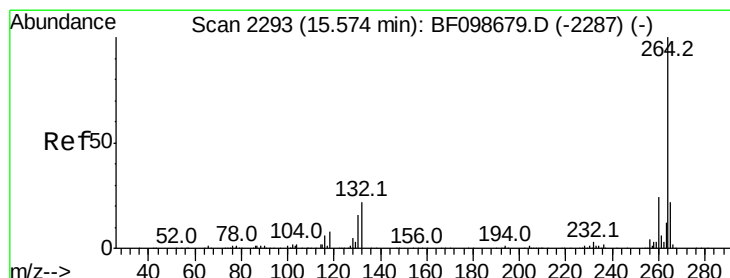
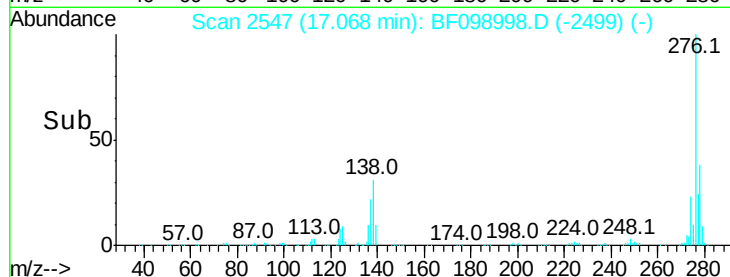
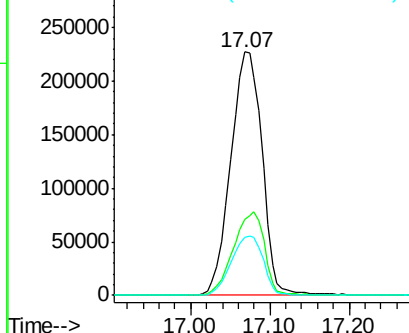
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.016 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. -0.02 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	25.0	37.6
277	25.0	20.1	30.1

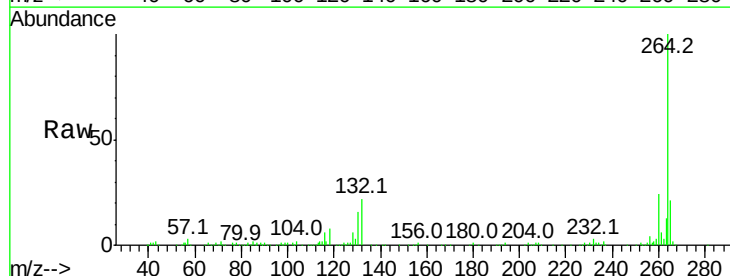


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

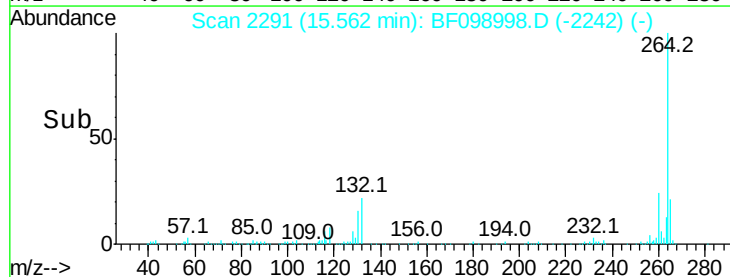
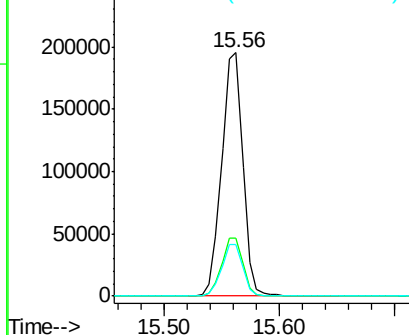


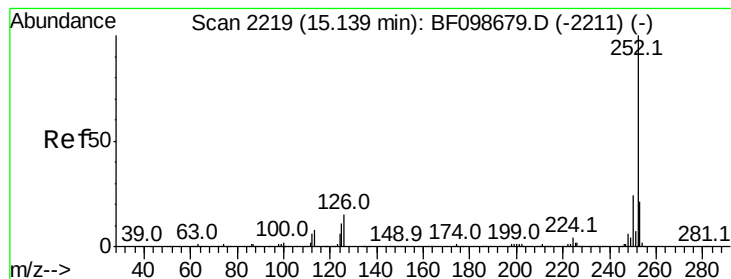
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF098998.D
 Acq: 2 Oct 2017 14:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.319 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.02 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :

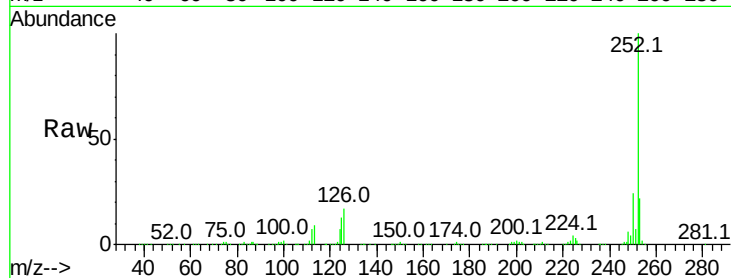
Tot Ion:252 Resp: 664705

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

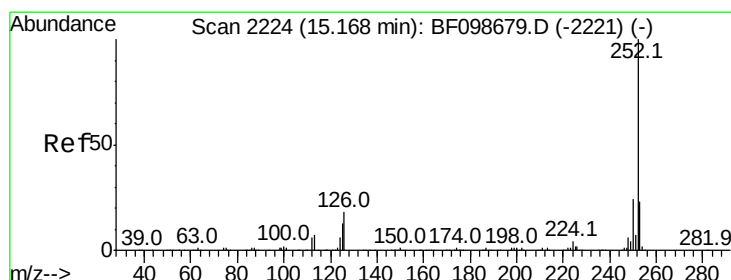
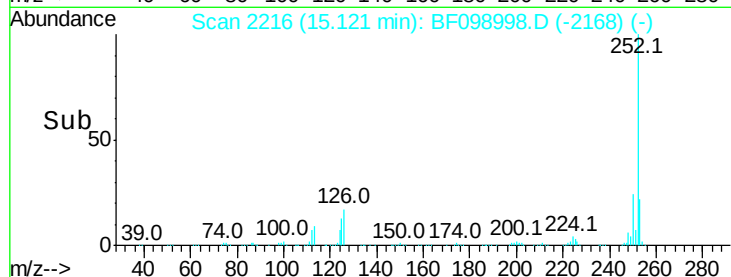
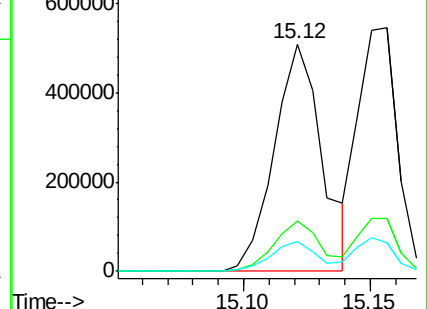
125 13.2 9.0 13.6



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: 39.120 ng

RT: 15.16 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

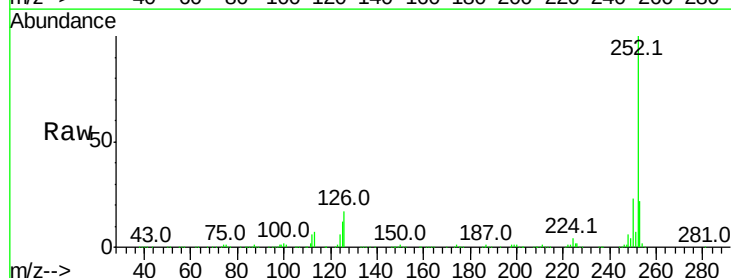
Tgt Ion:252 Resp: 592903

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

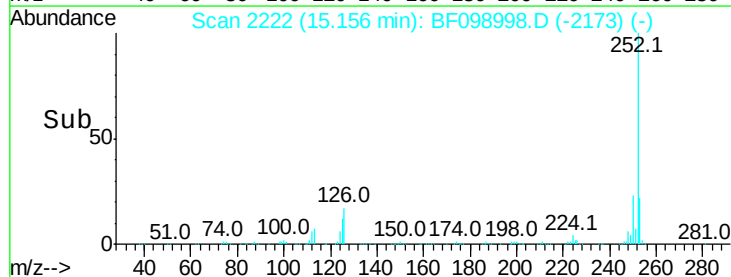
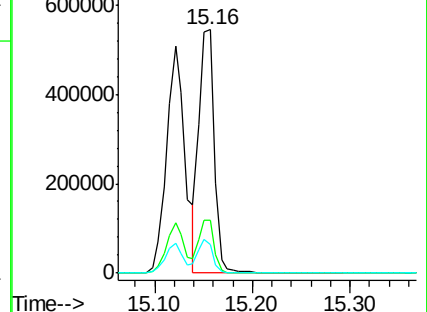
125 11.8 10.2 15.2

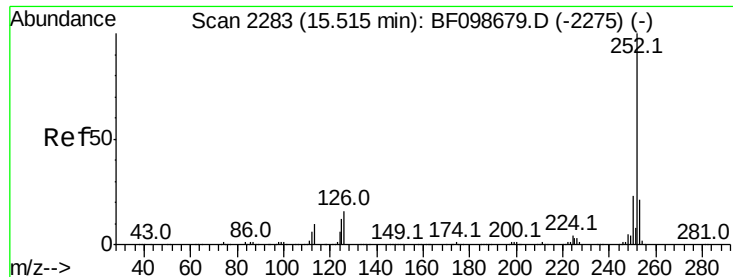


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

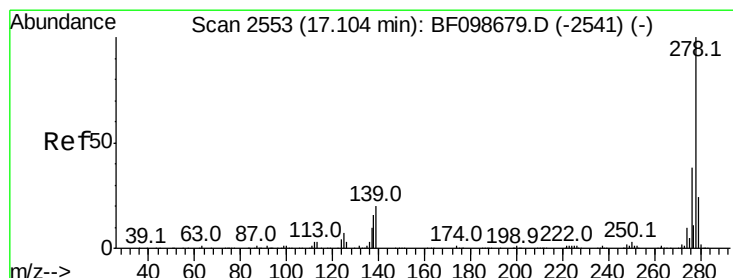
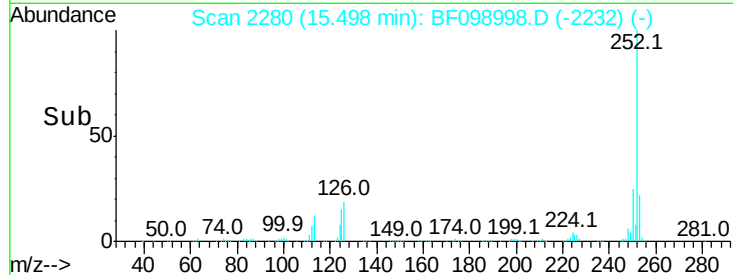
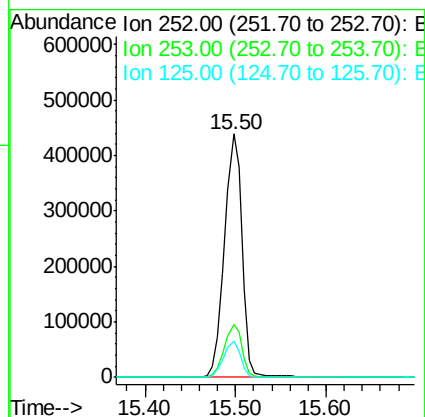
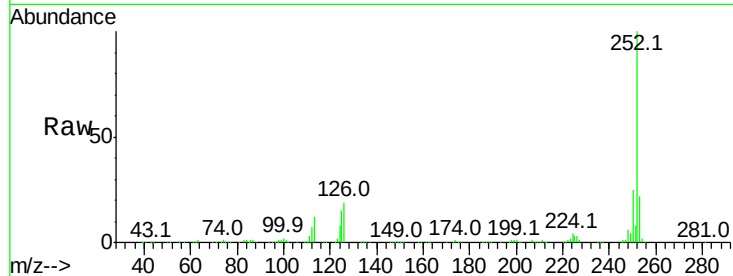




#89
Benzo(a)pyrene
Concen: 41.716 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

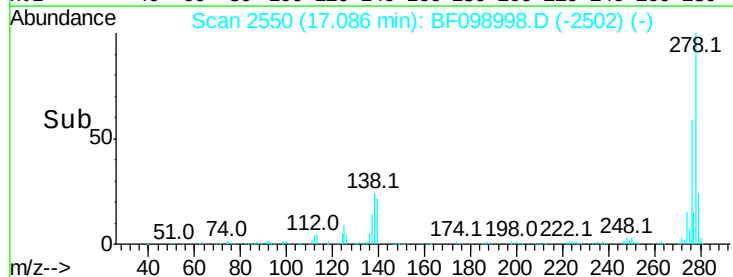
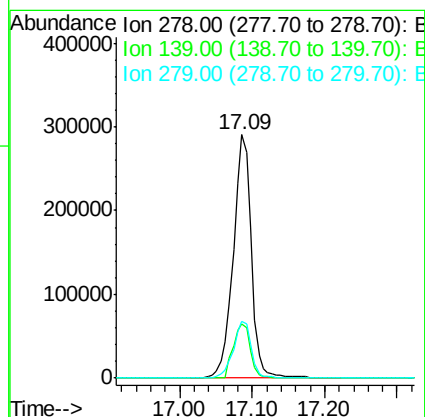
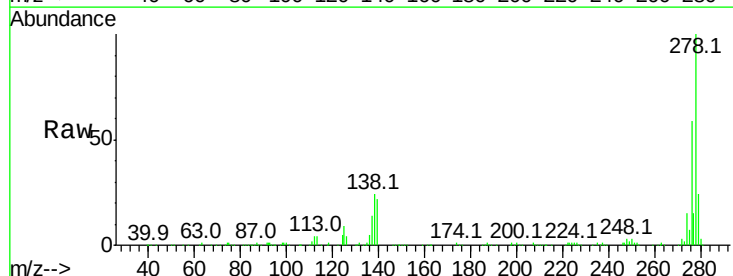
Instrument :
BNA_F
ClientSampled :

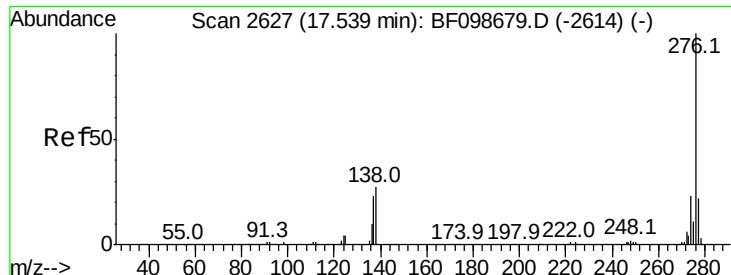
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.9	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 44.899 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.02 min
Lab File: BF098998.D
Acq: 2 Oct 2017 14:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.9	23.9
279	23.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 45.941 ng

RT: 17.53 min Scan# 2625

Delta R.T. -0.02 min

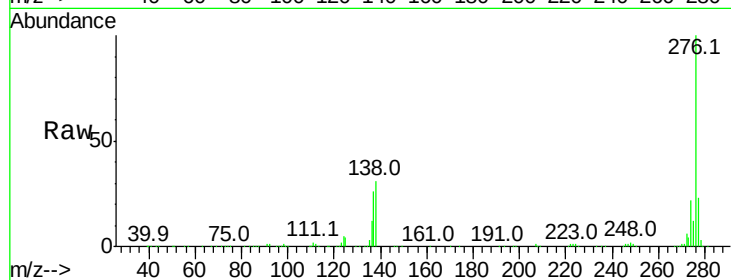
Lab File: BF098998.D

Acq: 2 Oct 2017 14:29

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 511901

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 30.6 21.8 32.8

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

