

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF08159.D
 Acq On : 30 Aug 2017 16:43
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 06:38:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121649	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	479985	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	209857	20.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	397580	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	282552	20.00	ng	-0.02
86) Perylene-d12	15.28	264	219383	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	644352	80.57	ng	-0.02
7) Phenol-d6	6.36	99	884453	81.39	ng	-0.02
23) Nitrobenzene-d5	7.29	82	783648	88.69	ng	-0.03
41) 2,4,6-Tribromophenol	10.55	330	156093	85.73	ng	-0.03
44) 2-Fluorobiphenyl	9.09	172	1115940	78.13	ng	-0.02
78) Terphenyl-d14	12.83	244	1059393	78.19	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	176546	39.583	ng	88
3) Pyridine	3.09	79	483132	39.183	ng	88
4) n-Nitrosodimethylamine	3.06	42	176851	37.276	ng	# 75
6) Aniline	6.39	93	591714	38.762	ng	99
8) 2-Chlorophenol	6.51	128	344965	40.900	ng	97
9) Benzaldehyde	6.27	77	248706	36.134	ng	90
10) Phenol	6.37	94	514778	40.506	ng	97
11) bis(2-Chloroethyl)ether	6.47	93	377590	39.364	ng	94
12) 1,3-Dichlorobenzene	6.66	146	366450	40.392	ng	# 93
13) 1,4-Dichlorobenzene	6.75	146	370335	40.136	ng	96
14) 1,2-Dichlorobenzene	6.90	146	342658	40.275	ng	97
15) Benzyl Alcohol	6.87	79	307902	37.847	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	492515	38.162	ng	91
17) 2-Methylphenol	6.99	107	292219	39.316	ng	96
18) Hexachloroethane	7.23	117	147522	40.780	ng	# 79
19) n-Nitroso-di-n-propylamine	7.15	70	276905	37.225	ng	# 88
20) 3+4-Methylphenols	7.14	107	357192	39.346	ng	93
22) Acetophenone	7.14	105	478552	37.741	ng	# 90
24) Nitrobenzene	7.32	77	423383	43.036	ng	98
25) Isophorone	7.55	82	713267	38.823	ng	96
26) 2-Nitrophenol	7.63	139	169593	47.628	ng	# 80
27) 2,4-Dimethylphenol	7.67	122	304850	39.786	ng	95
28) bis(2-Chloroethoxy)methane	7.76	93	476177	39.423	ng	99
29) 2,4-Dichlorophenol	7.87	162	262037	41.198	ng	93
30) 1,2,4-Trichlorobenzene	7.95	180	288316	40.891	ng	99
31) Naphthalene	8.03	128	985512	39.550	ng	100
32) Benzoic acid	7.80	122	224816	41.301	ng	88
33) 4-Chloroaniline	8.08	127	419608	39.928	ng	99
34) Hexachlorobutadiene	8.15	225	166996	40.565	ng	99
35) Caprolactam	8.46	113	89443	41.365	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	326616	39.968	ng	# 81
37) 2-Methylnaphthalene	8.72	142	601371	39.364	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	261602	40.619	ng	98
40) Hexachlorocyclopentadiene	8.87	237	102199	33.031	ng	99

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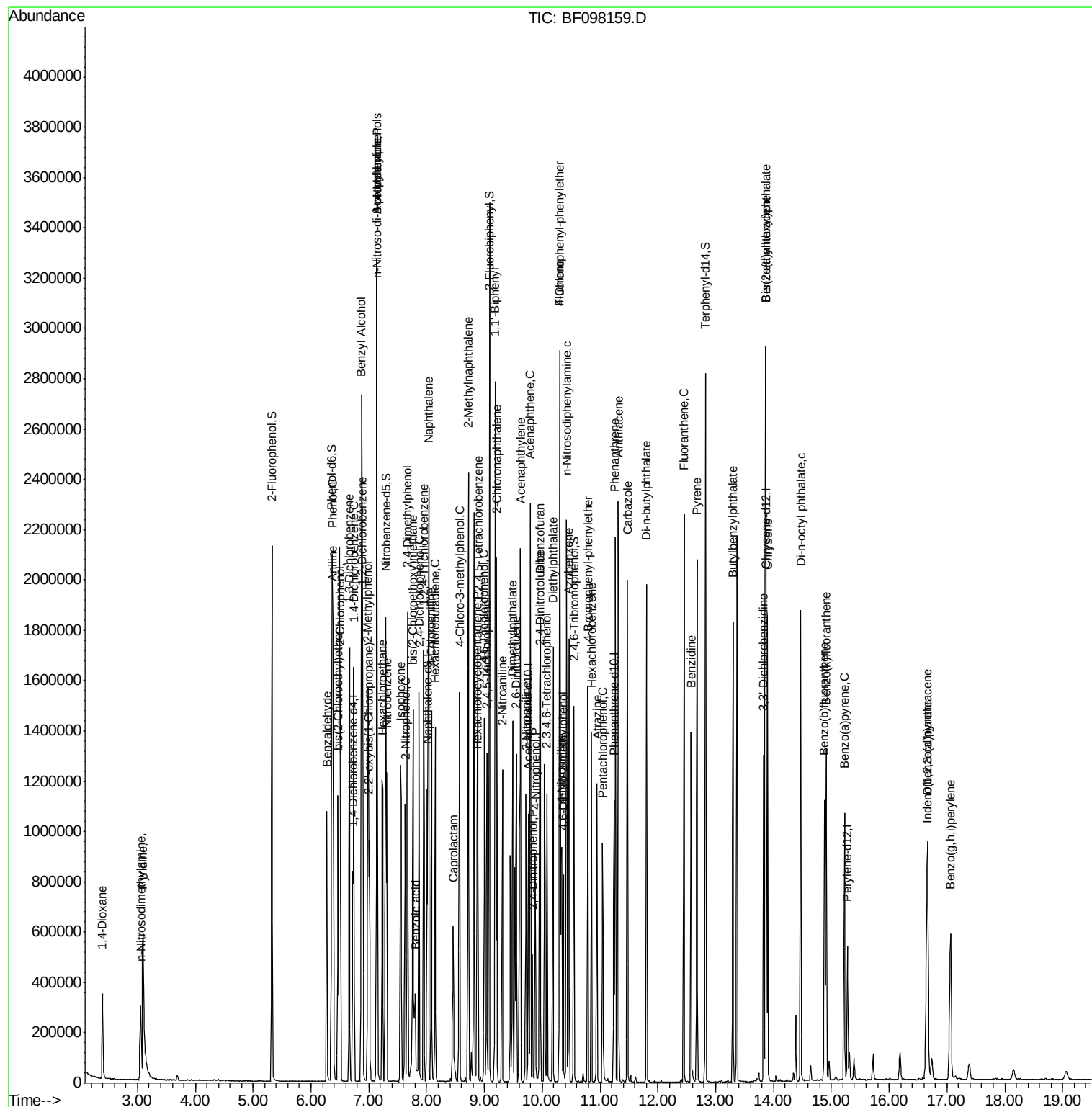
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	177741	41.106	ng	99
43) 2,4,5-Trichlorophenol	9.04	196	179275	41.792	ng	96
45) 1,1'-Biphenyl	9.19	154	757048	39.559	ng	96
46) 2-Chloronaphthalene	9.21	162	552627	39.083	ng	# 92
47) 2-Nitroaniline	9.31	65	218090	46.008	ng	98
48) Acenaphthylene	9.62	152	883893	39.807	ng	100
49) Dimethylphthalate	9.49	163	615742	40.140	ng	99
50) 2,6-Dinitrotoluene	9.55	165	132041	43.123	ng	# 62
51) Acenaphthene	9.79	154	530190	37.859	ng	99
52) 3-Nitroaniline	9.72	138	173850	44.006	ng	93
53) 2,4-Dinitrophenol	9.83	184	59037	45.536	ng	# 74
54) Dibenzofuran	9.97	168	721789	38.457	ng	98
55) 4-Nitrophenol	9.88	139	121352	38.507	ng	# 44
56) 2,4-Dinitrotoluene	9.95	165	170094	44.264	ng	# 52
57) Fluorene	10.31	166	575206	39.639	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.09	232	134276	40.430	ng	92
59) Diethylphthalate	10.19	149	617912	38.519	ng	99
60) 4-Chlorophenyl-phenylether	10.30	204	269956	40.045	ng	88
61) 4-Nitroaniline	10.33	138	170793	45.487	ng	78
62) Azobenzene	10.46	77	711509	37.340	ng	93
64) 4,6-Dinitro-2-methylphenol	10.36	198	88248	47.258	ng	# 77
65) n-Nitrosodiphenylamine	10.42	169	533358	39.395	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	168123	40.721	ng	99
67) Hexachlorobenzene	10.85	284	169034	40.168	ng	# 83
68) Atrazine	10.95	200	130303	36.291	ng	97
69) Pentachlorophenol	11.05	266	93889	38.266	ng	98
70) Phenanthrene	11.26	178	821259	38.764	ng	100
71) Anthracene	11.32	178	847014	39.418	ng	99
72) Carbazole	11.47	167	800579	39.250	ng	98
73) Di-n-butylphthalate	11.80	149	980948	41.753	ng	99
74) Fluoranthene	12.45	202	876801	39.651	ng	100
76) Benzidine	12.57	184	483181	52.155	ng	93
77) Pyrene	12.68	202	900901	38.984	ng	99
79) Butylbenzylphthalate	13.30	149	385912	43.556	ng	# 69
80) Benzo(a)anthracene	13.86	228	626510	36.996	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	237441	41.551	ng	# 96
82) Chrysene	13.90	228	635962	37.752	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	475910	48.473	ng	100
84) Di-n-octyl phthalate	14.47	149	842791	49.335	ng	98
85) Indeno(1,2,3-cd)pyrene	16.65	276	537933	43.408	ng	94
87) Benzo(b)fluoranthene	14.89	252	557618	40.324	ng	98
88) Benzo(k)fluoranthene	14.91	252	493629	37.995	ng	# 95
89) Benzo(a)pyrene	15.23	252	495357	40.464	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	461484	46.304	ng	99
91) Benzo(g,h,i)perylene	17.07	276	479640	46.123	ng	# 91

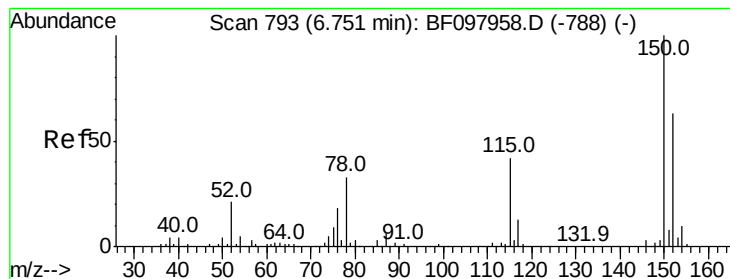
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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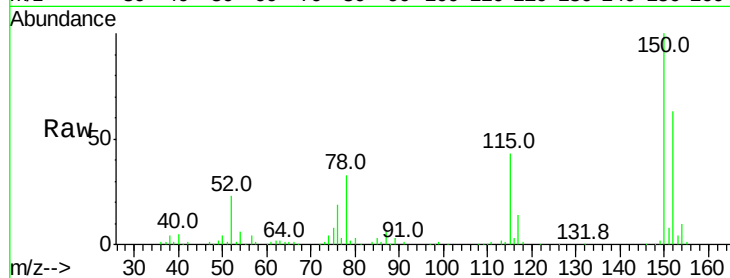


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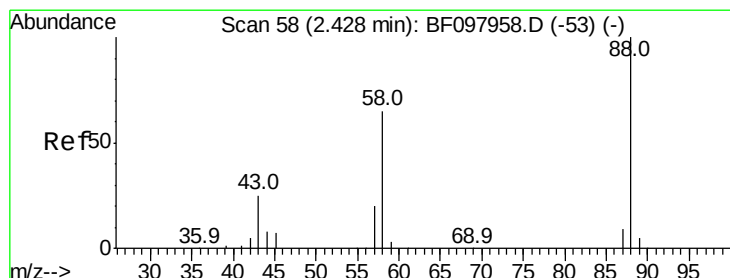
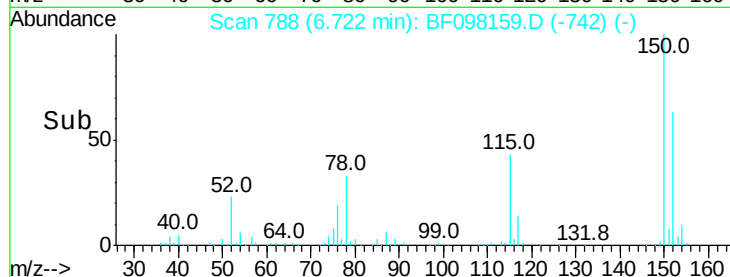
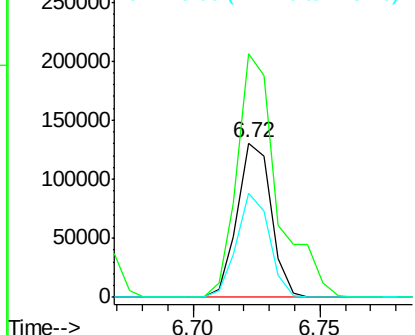
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 121649
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.2 189.2
 115 67.7 52.2 78.2



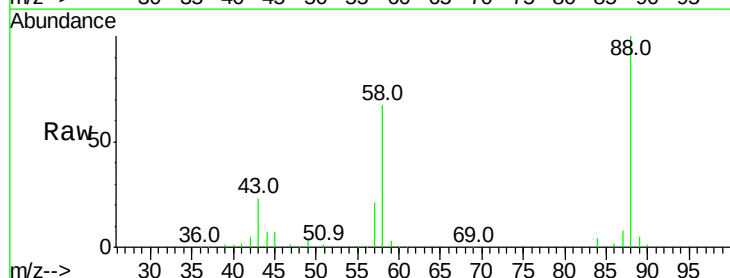
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



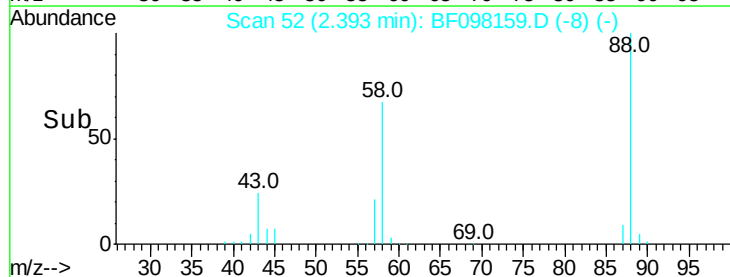
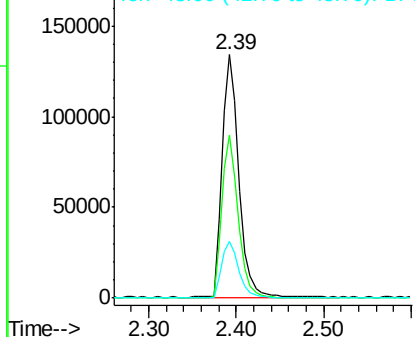
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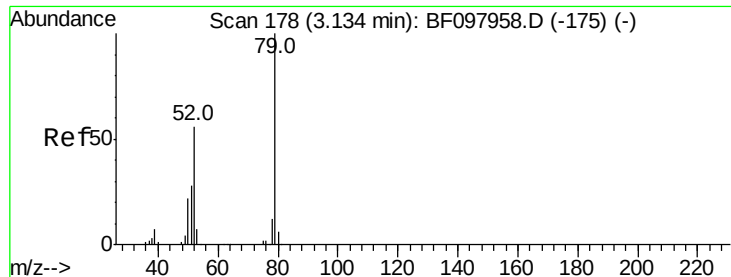
1,4-Dioxane
 Concen: 39.583 ng
 RT: 2.39 min Scan# 52
 Delta R.T. -0.04 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion: 88 Resp: 176546
 Ion Ratio Lower Upper
 88 100
 58 65.5 61.4 92.0
 43 24.4 23.4 35.0



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

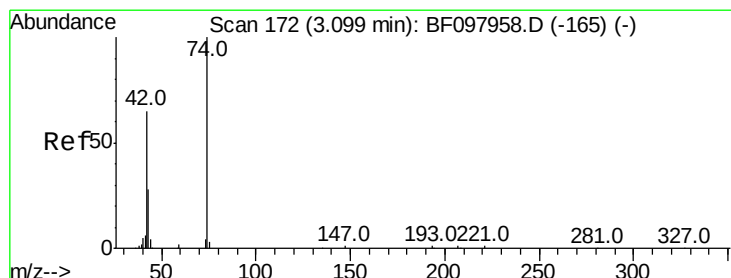
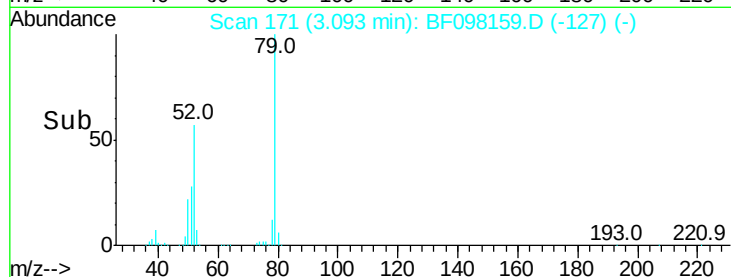
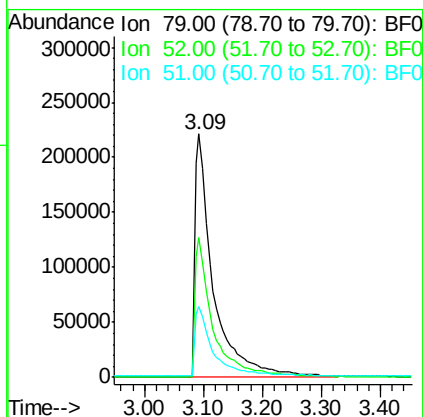
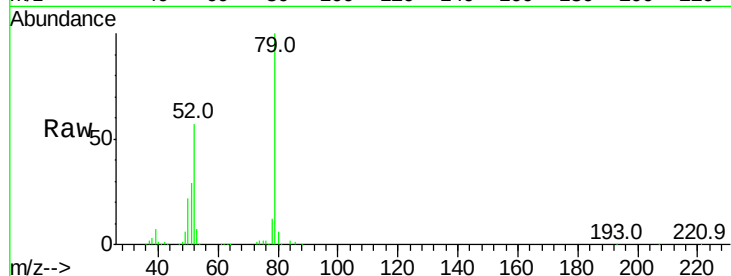




#3
 Pvrindine
 Concen: 39.183 ng
 RT: 3.09 min Scan# 171
 Delta R.T. -0.04 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

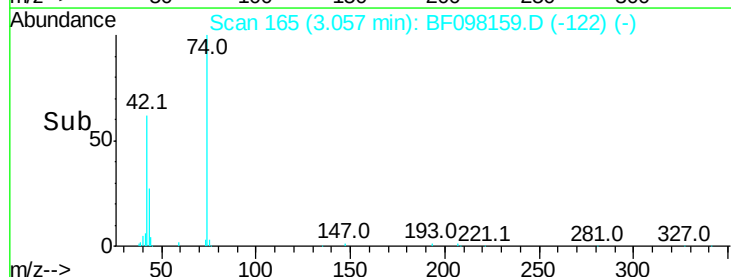
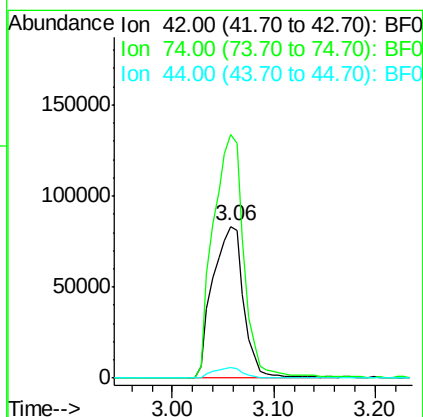
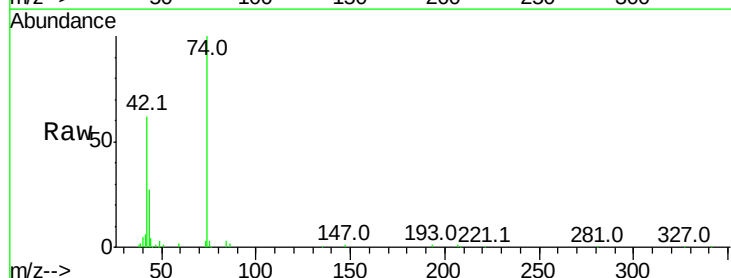
Instrument :
 BNA_F
 ClientSampled :

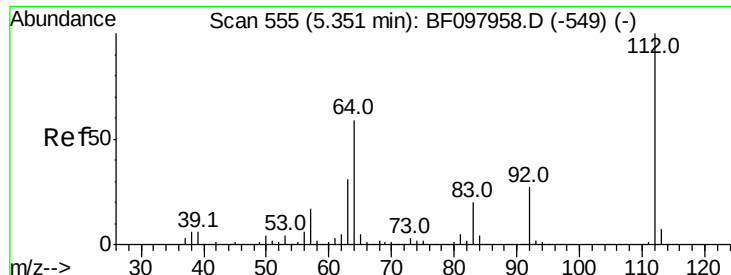
Tot Ion: 79 Resp: 483132
 Ion Ratio Lower Upper
 79 100
 52 57.3 54.8 82.2
 51 29.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 37.276 ng
 RT: 3.06 min Scan# 165
 Delta R.T. -0.05 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion: 42 Resp: 176851
 Ion Ratio Lower Upper
 42 100
 74 160.4 103.9 155.9#
 44 7.2 5.7 8.5

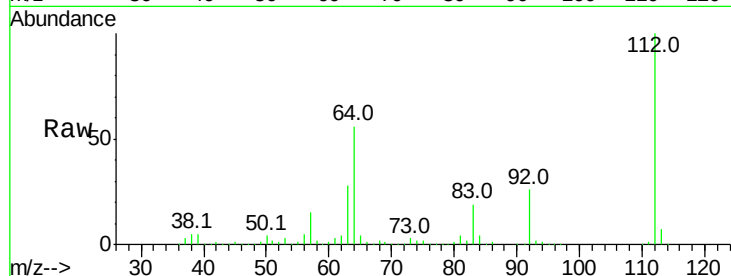




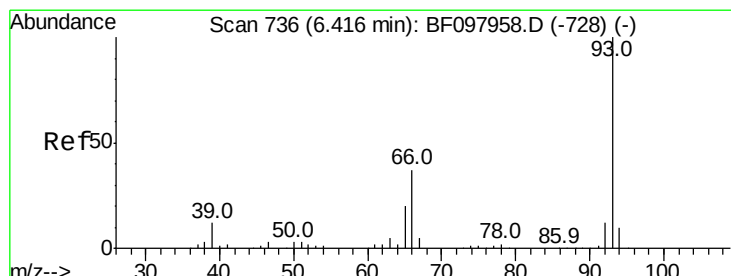
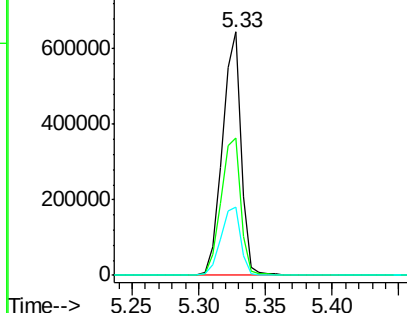
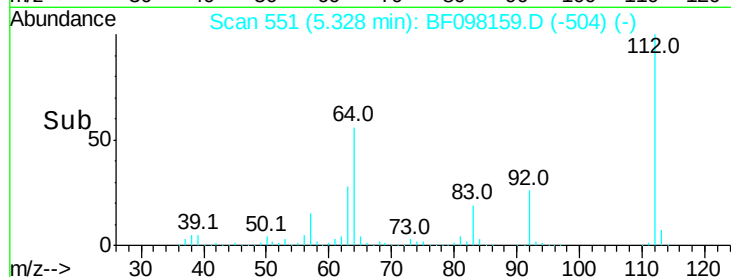
#5
2-Fluorophenol
Concen: 80.568 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 644352
Ion Ratio Lower Upper
112 100
64 56.4 46.0 69.0
63 27.9 23.4 35.0

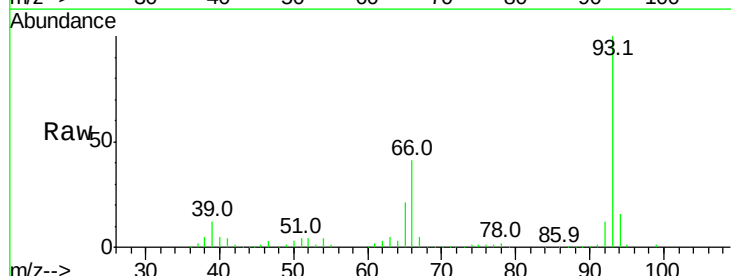


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

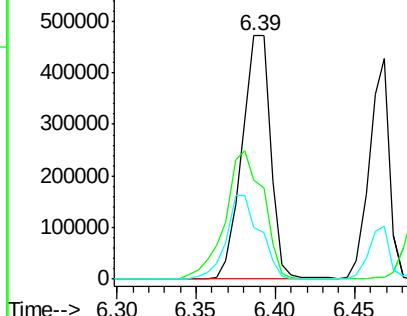
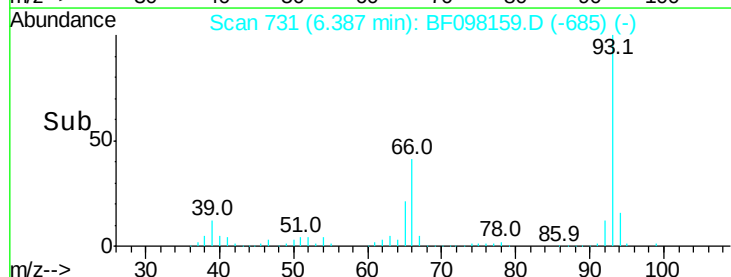


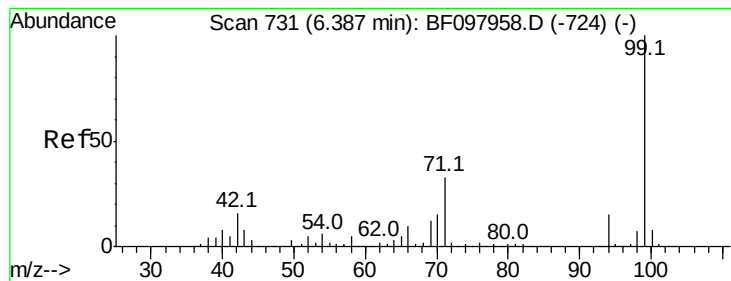
#6
Aniline
Concen: 38.762 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

Tgt Ion: 93 Resp: 591714
Ion Ratio Lower Upper
93 100
66 40.5 32.9 49.3
65 21.2 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.393 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampled :

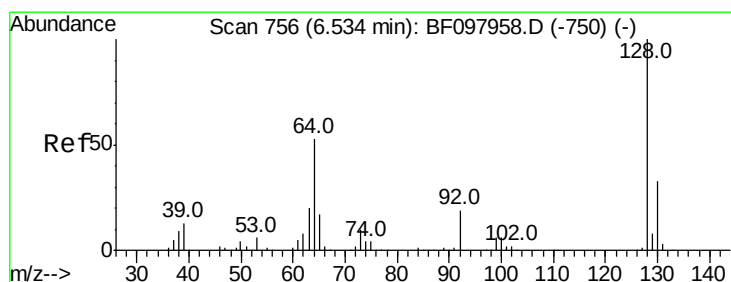
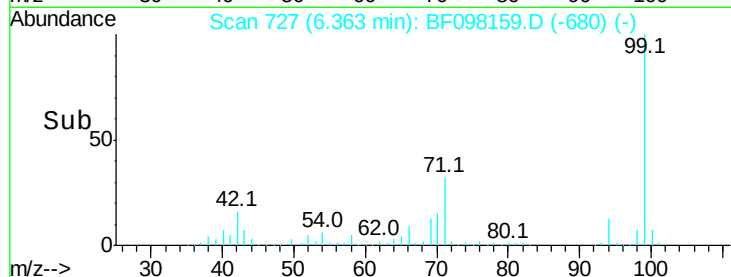
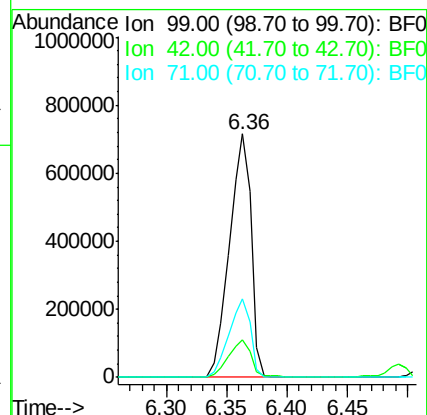
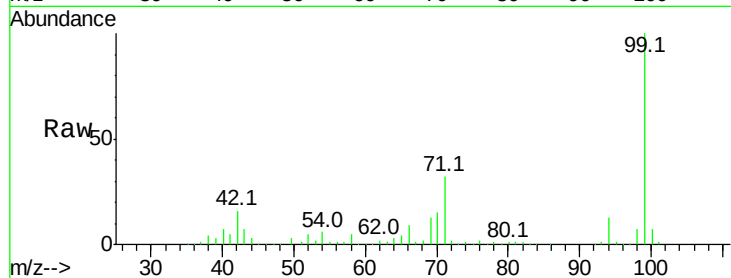
Tot Ion: 99 Resp: 884453

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

71 32.1 24.5 36.7



#8

2-Chlorophenol

Concen: 40.900 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

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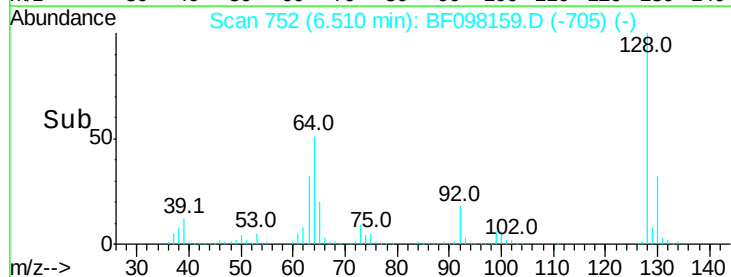
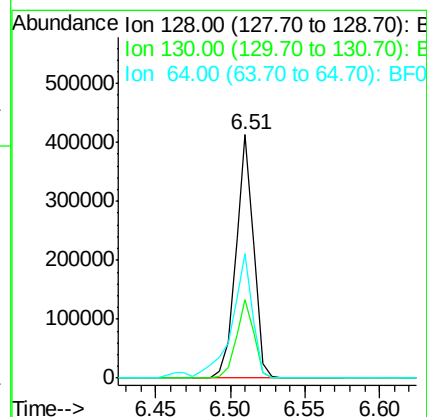
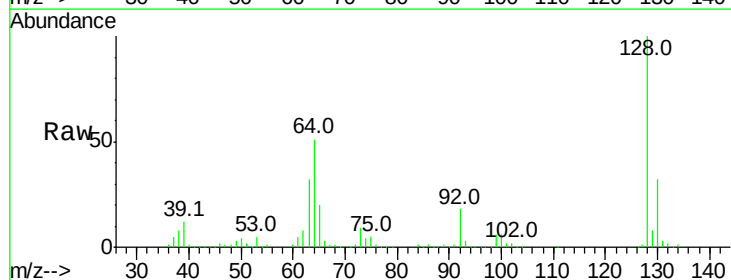
Tgt Ion: 128 Resp: 344965

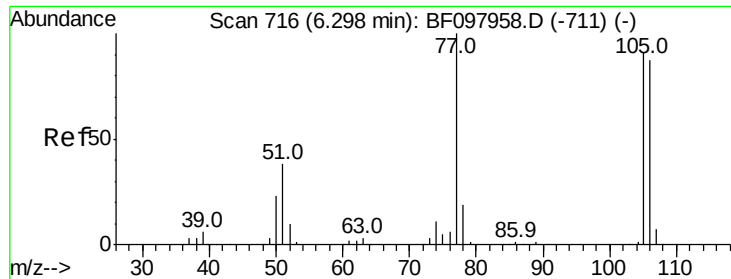
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 51.1 28.4 68.4





#9

Benzaldehyde

Concen: 36.134 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

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BNA_F

ClientSampleId :

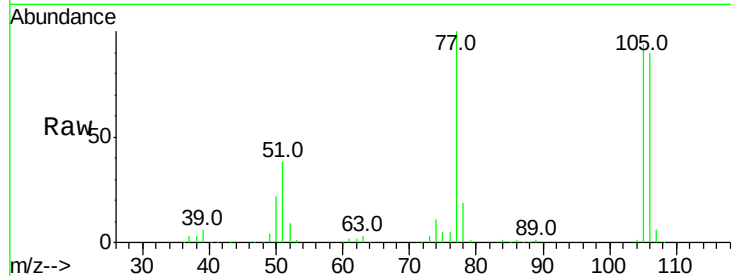
Tot Ion: 77 Resp: 248706

Ion Ratio Lower Upper

77 100

105 93.6 83.8 123.8

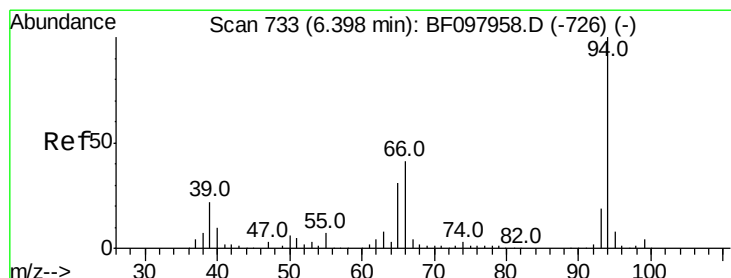
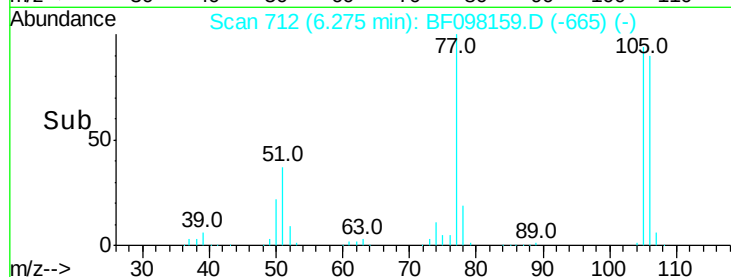
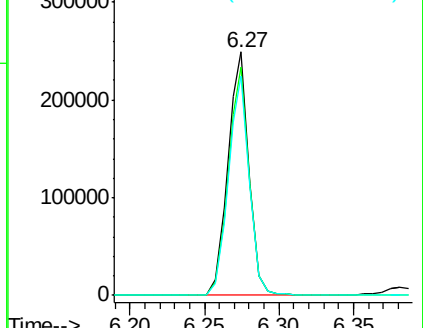
106 90.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.506 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

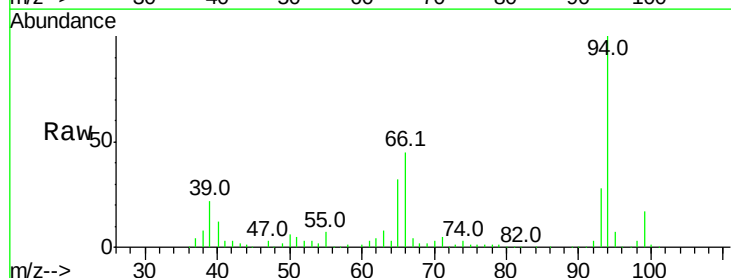
Tgt Ion: 94 Resp: 514778

Ion Ratio Lower Upper

94 100

65 31.7 9.9 49.9

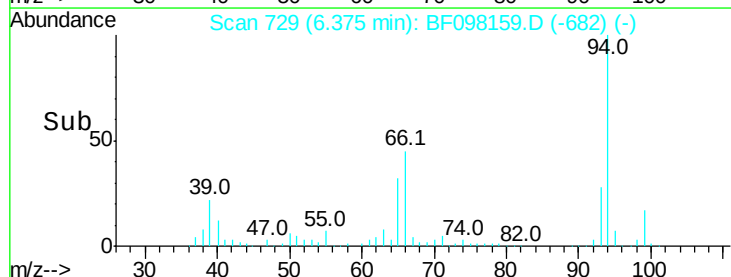
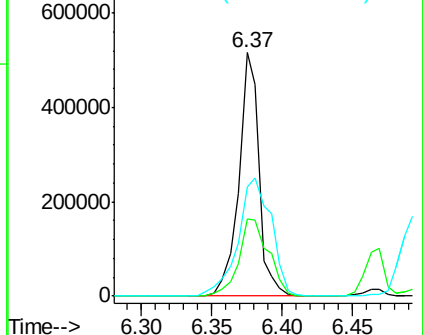
66 44.7 23.1 63.1

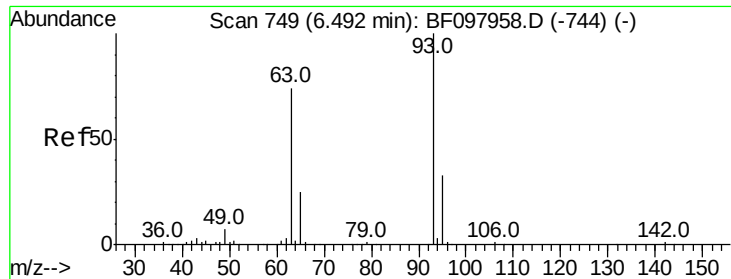


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



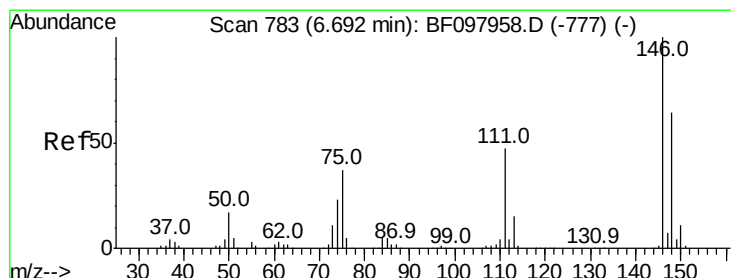
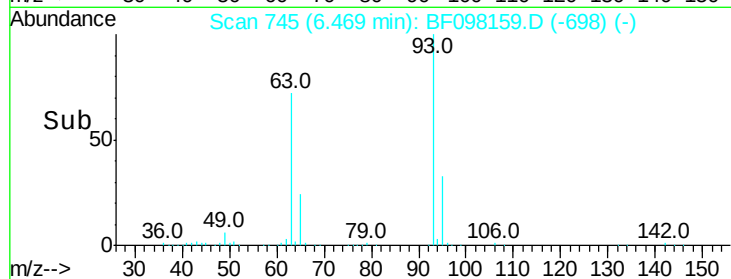
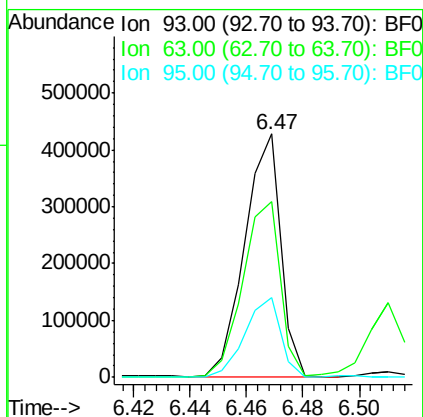
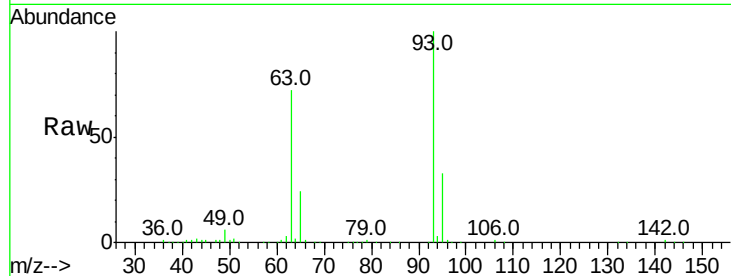


#11
 bis(2-Chloroethyl)ether
 Concen: 39.364 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 93 Resp: 377590

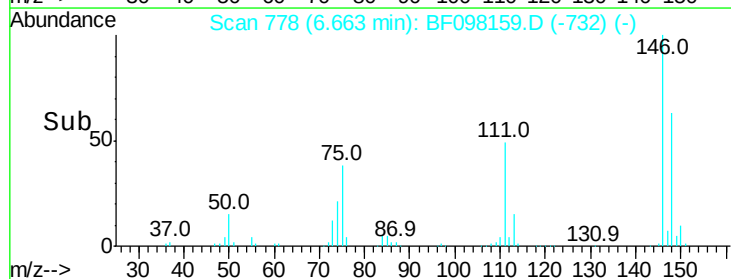
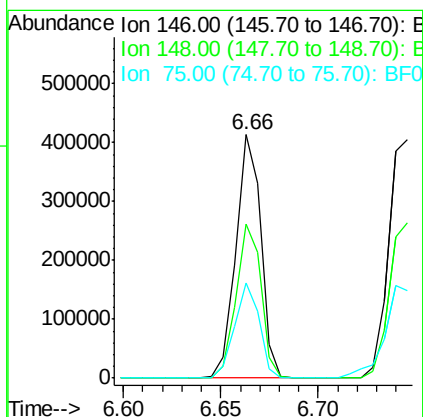
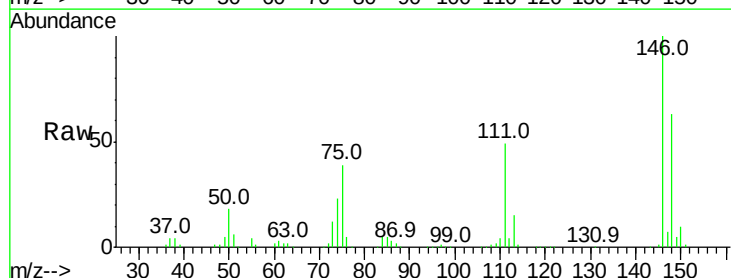
Ion	Ratio	Lower	Upper
93	100		
63	72.5	59.2	99.2
95	32.5	12.8	52.8

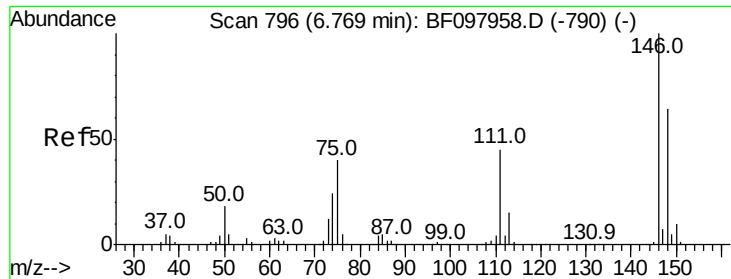


#12
 1,3-Dichlorobenzene
 Concen: 40.392 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion: 146 Resp: 366450

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
75	38.9	23.1	34.7

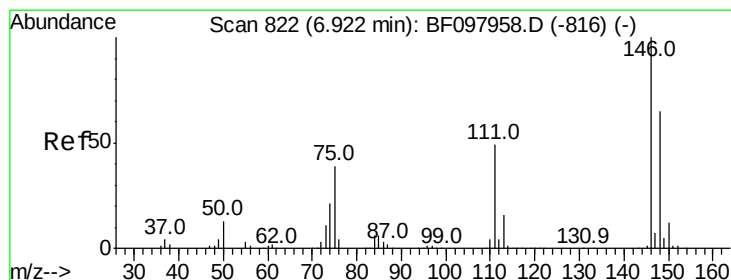
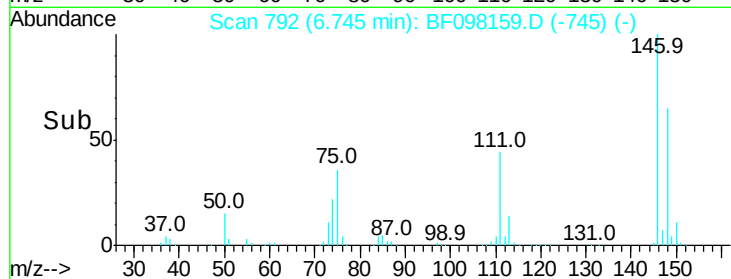
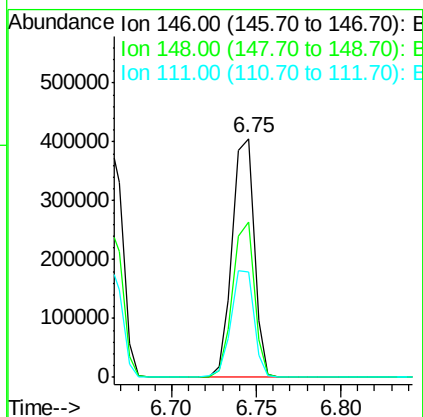
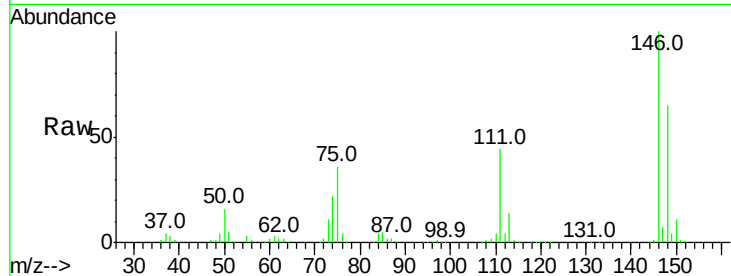




#13
 1,4-Dichlorobenzene
 Concen: 40.136 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

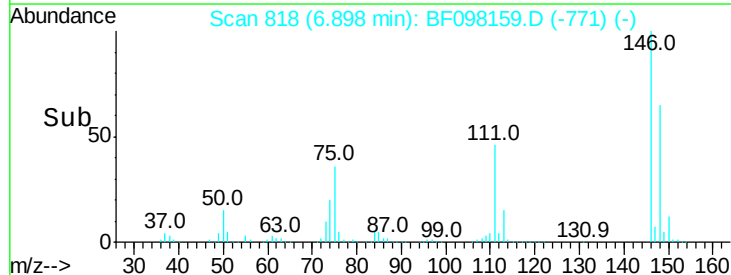
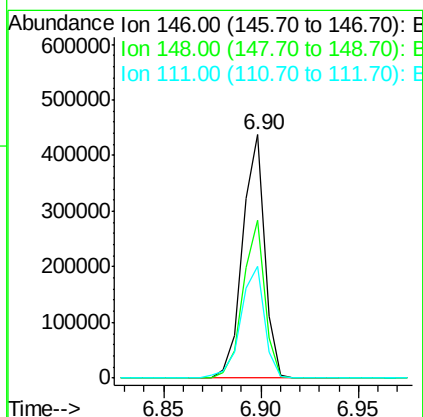
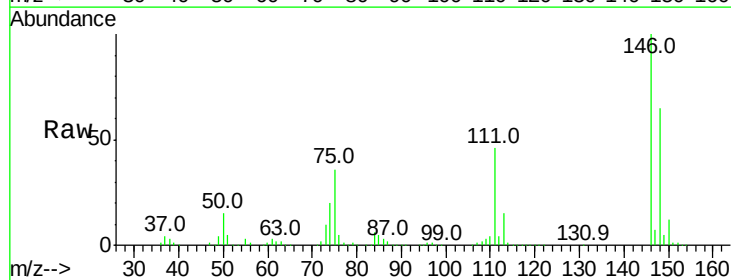
Instrument :
 BNA_F
 ClientSampled :

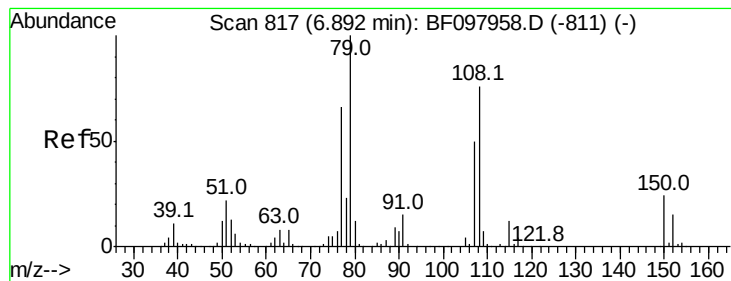
Tot Ion:146 Resp: 370335
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 44.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.275 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion:146 Resp: 342658
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.4 75.6
 111 45.8 38.2 57.4





#15

Benzyl Alcohol

Concen: 37.847 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :
BNA_F
ClientSampled :

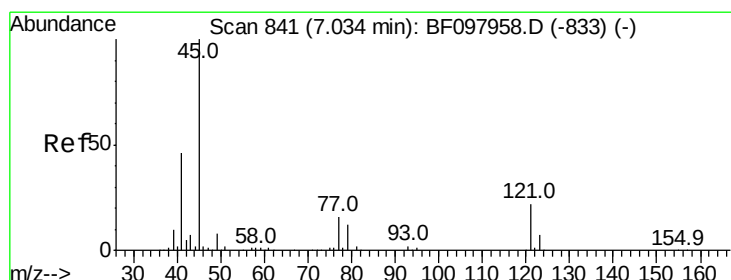
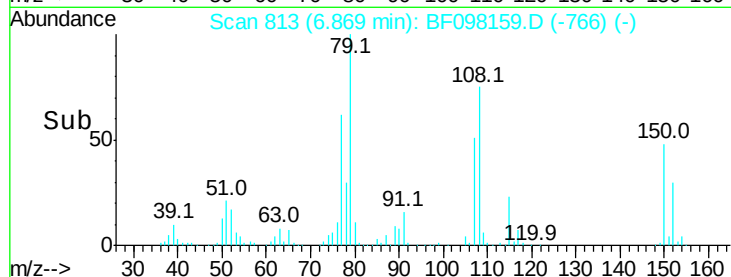
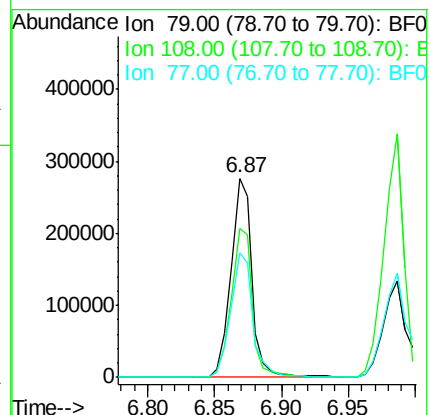
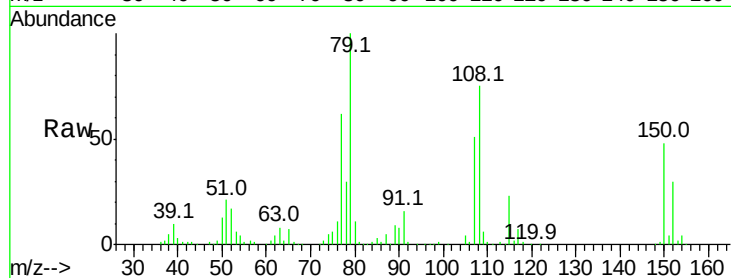
Tot Ion: 79 Resp: 307902

Ion Ratio Lower Upper

79 100

108 74.9 63.4 95.0

77 62.5 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.162 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.03 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

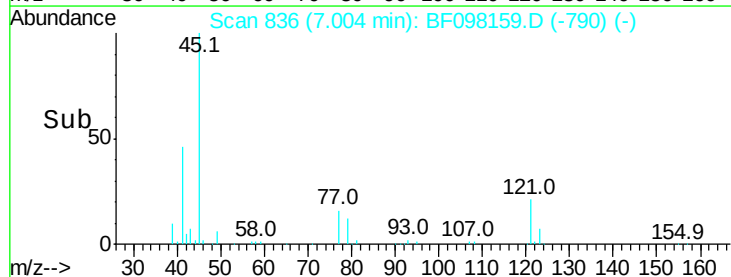
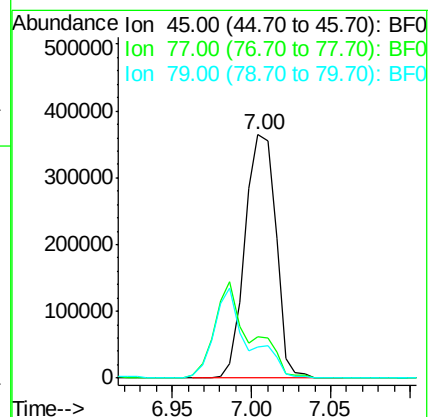
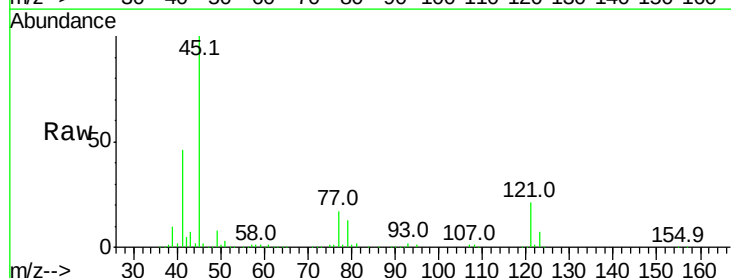
Tgt Ion: 45 Resp: 492515

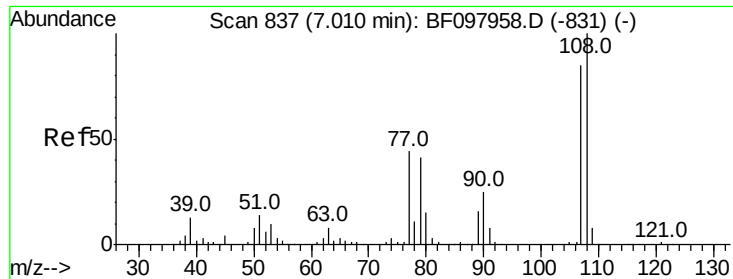
Ion Ratio Lower Upper

45 100

77 17.1 0.0 33.2

79 12.7 0.0 30.0





#17

2-Methylphenol

Concen: 39.316 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 292219

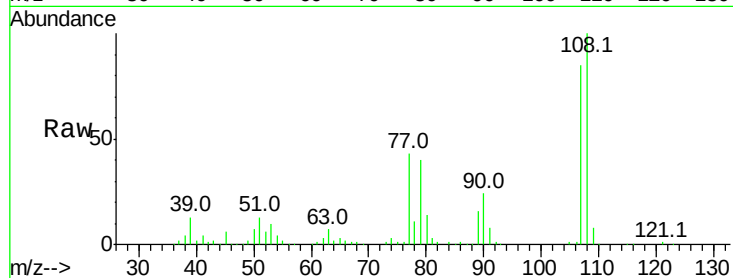
Ion Ratio Lower Upper

107 100

108 118.2 93.4 140.0

77 50.4 35.8 53.6

79 47.1 34.8 52.2

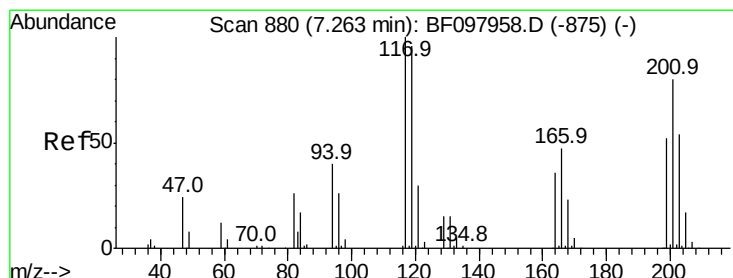
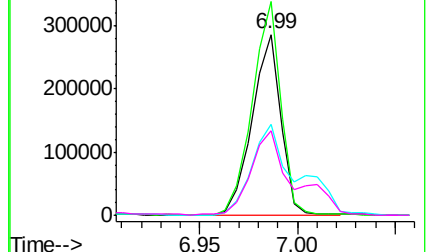
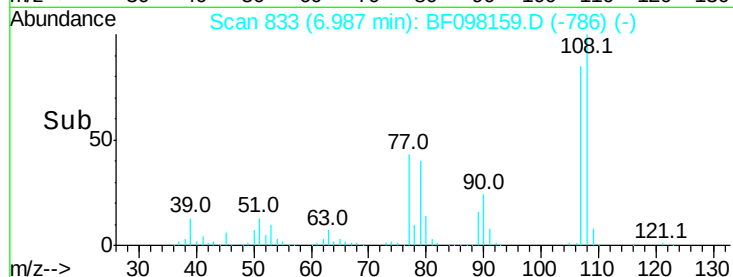


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.780 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

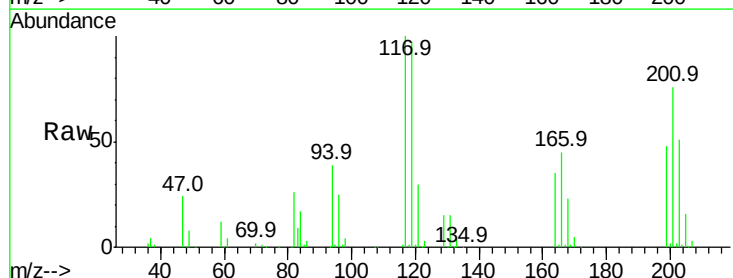
Tgt Ion:117 Resp: 147522

Ion Ratio Lower Upper

117 100

119 97.2 77.4 116.0

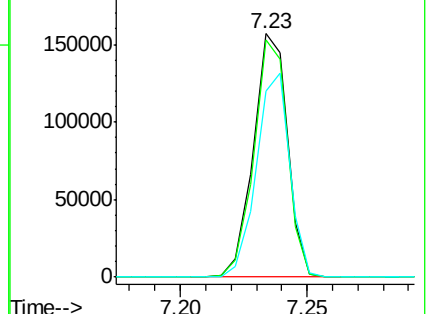
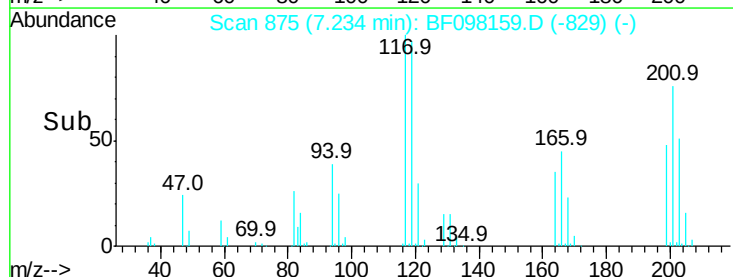
201 76.5 94.6 141.8#

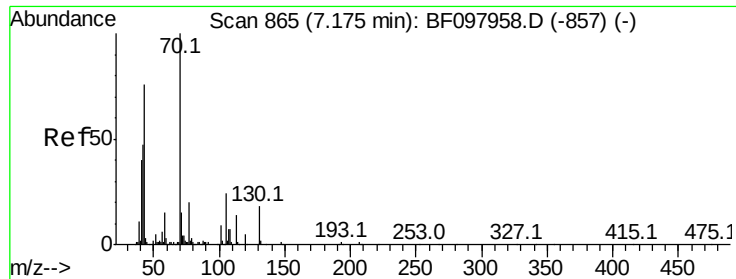


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

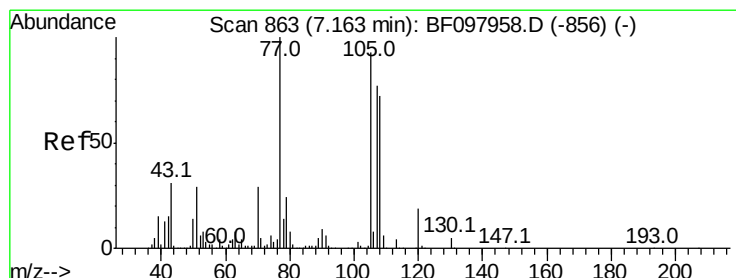
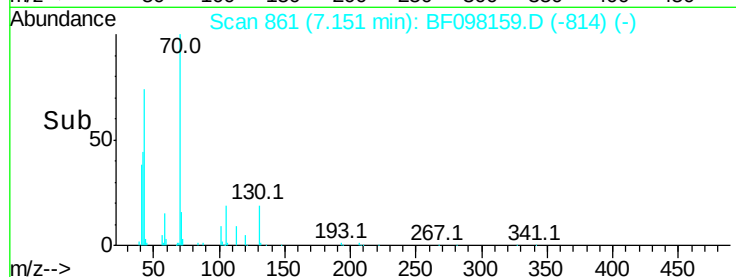
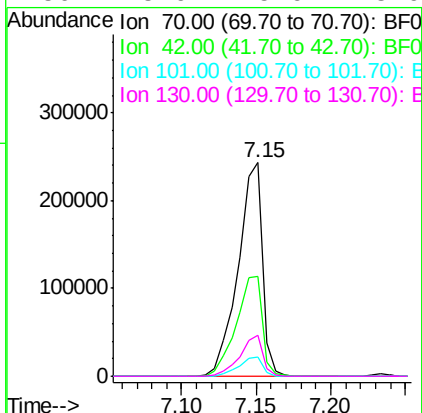
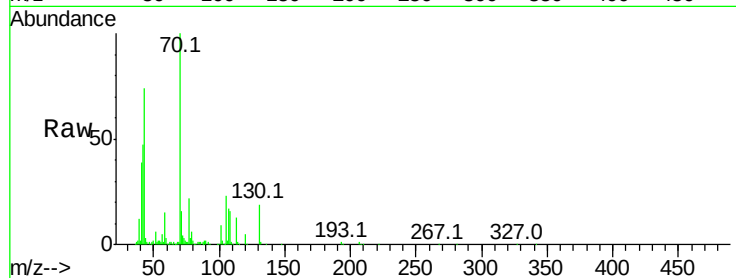




#19
n-Nitroso-di-n-propylamine
Concen: 37.225 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

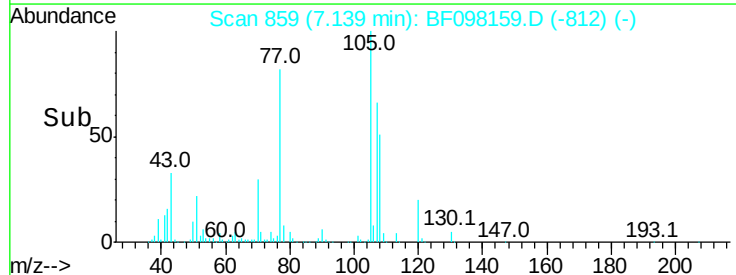
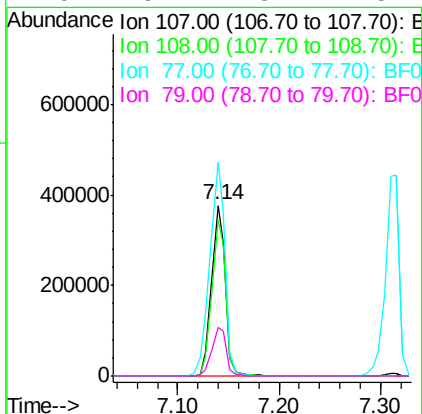
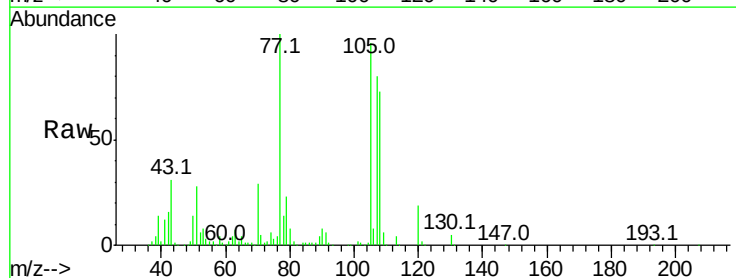
Instrument :
BNA_F
ClientSampleId :

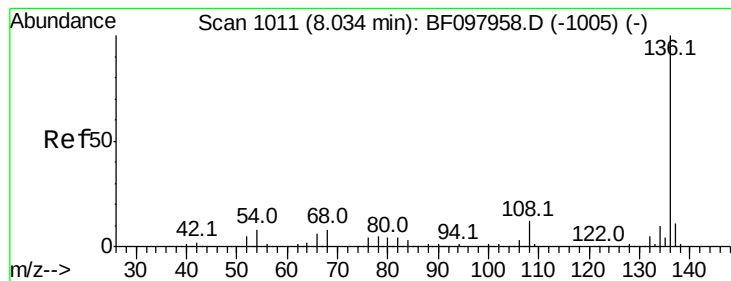
Tot Ion:	70	Resp:	276905
Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.2	70.8#
101	9.1	7.2	10.8
130	18.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.346 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

Tgt Ion:	107	Resp:	357192
Ion	Ratio	Lower	Upper
107	100		
108	91.4	71.0	111.0
77	125.3	90.5	130.5
79	28.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF098159.D

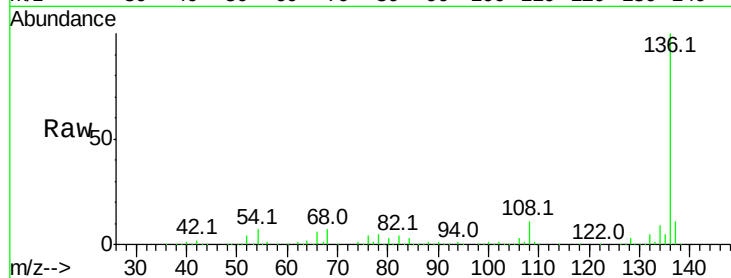
Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	479985
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	7.2	4.9 7.3
68	6.8	4.1 6.1#



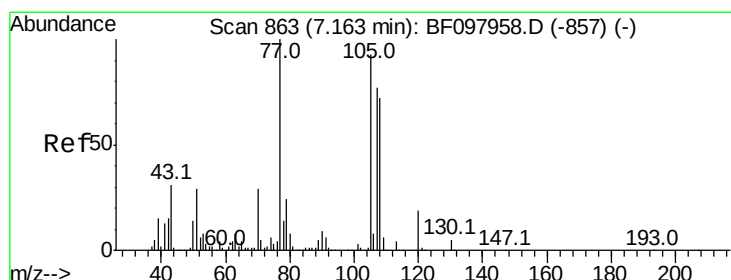
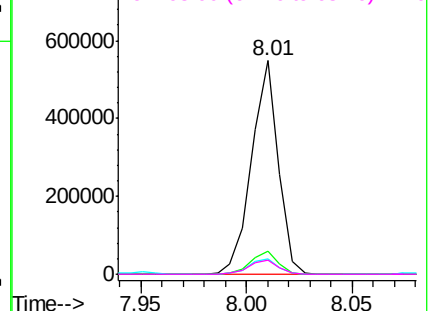
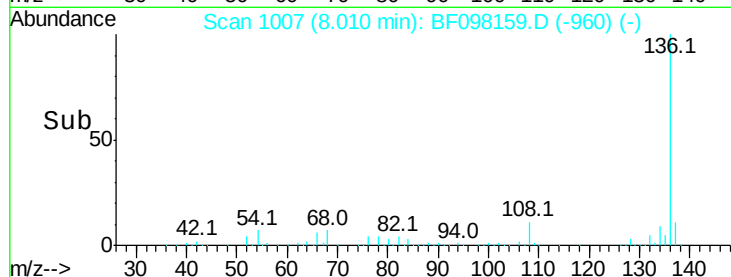
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.741 ng

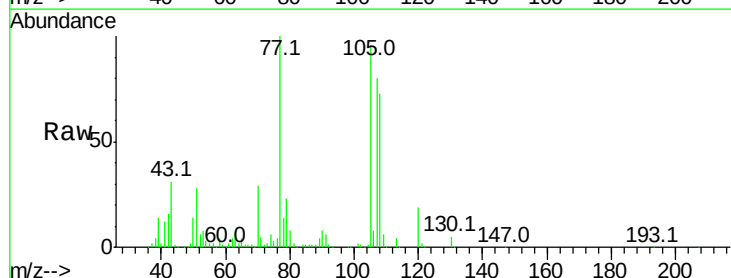
RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Tgt Ion:105	Resp:	478552
Ion Ratio	Lower	Upper
105	100	
71	5.1	2.8 4.2#
51	29.7	30.7 46.1#
120	20.0	17.4 26.0



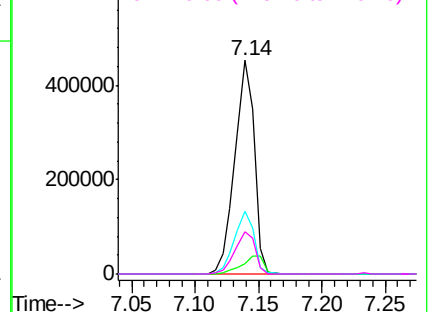
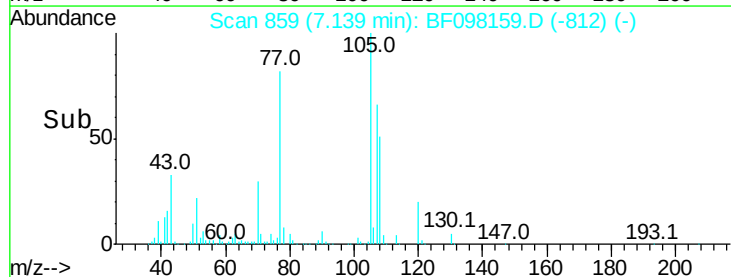
Abundance

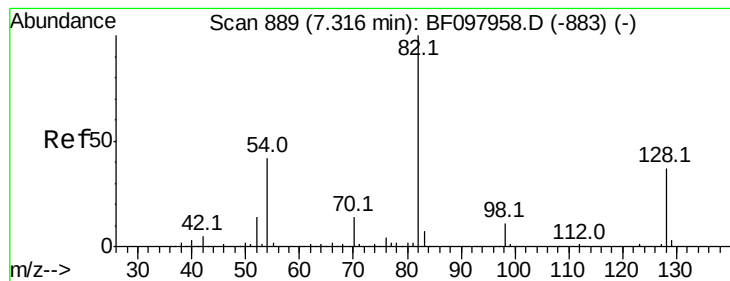
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.693 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampleId :

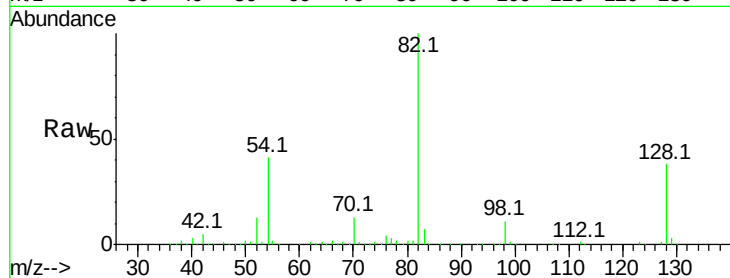
Tot Ion: 82 Resp: 783648

Ion Ratio Lower Upper

82 100

128 38.3 34.0 51.0

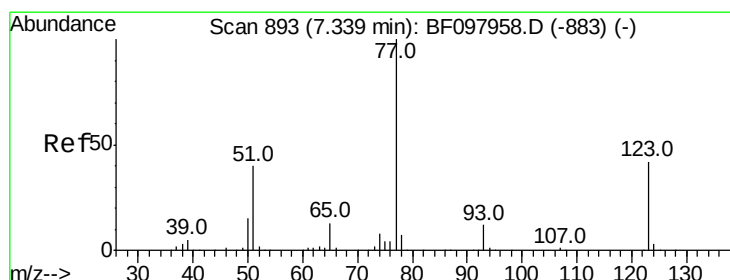
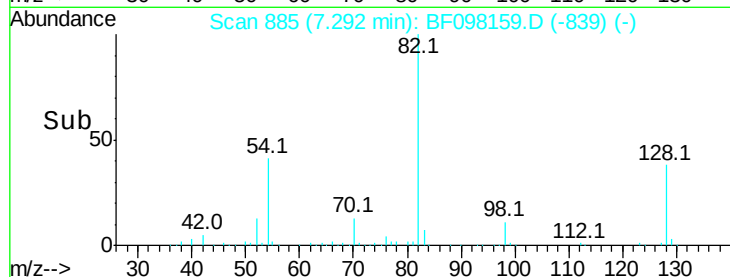
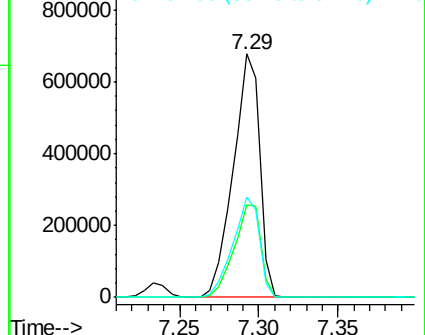
54 41.3 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.036 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

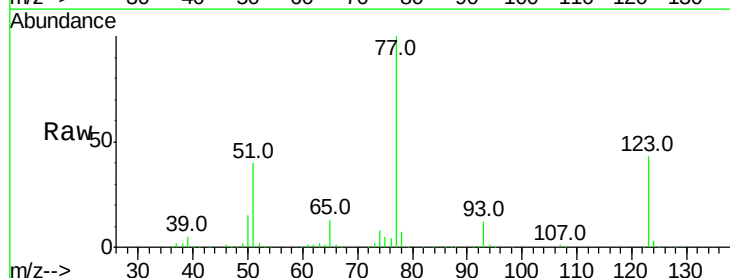
Tgt Ion: 77 Resp: 423383

Ion Ratio Lower Upper

77 100

123 43.1 35.8 53.8

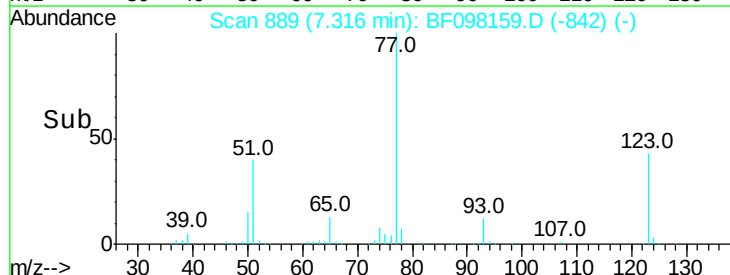
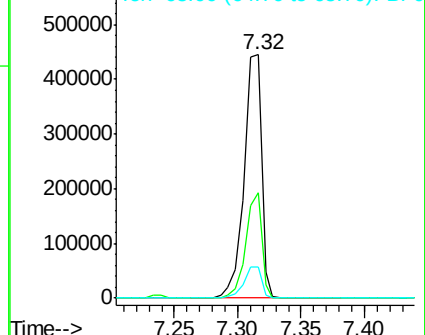
65 12.7 10.6 15.8

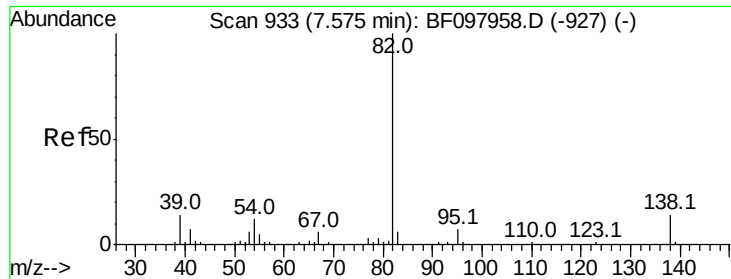


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.823 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.03 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :
BNA_F
ClientSampleId :

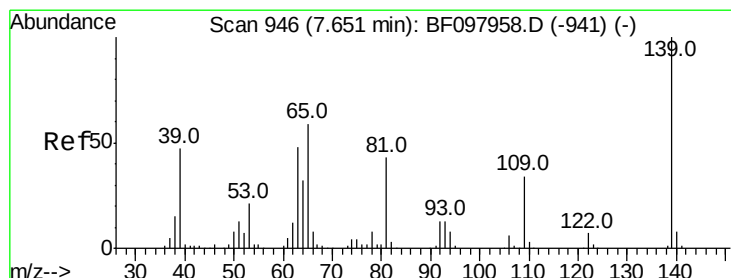
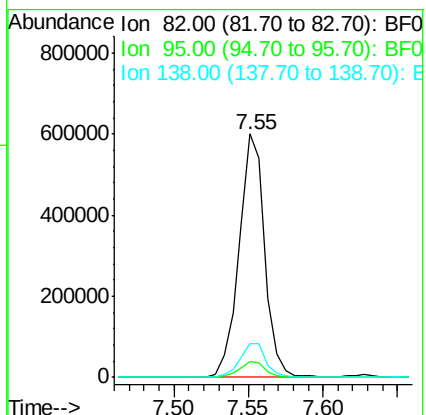
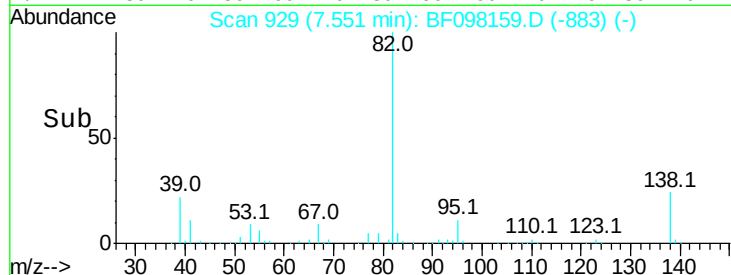
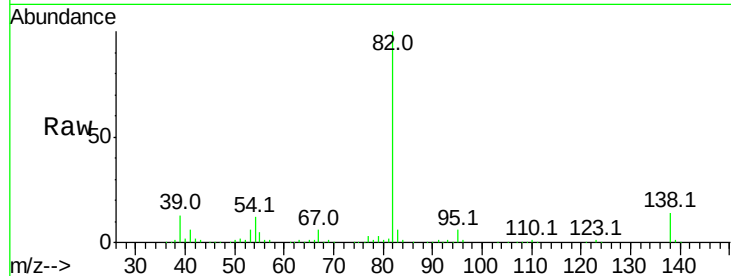
Tot Ion: 82 Resp: 713267

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

138 14.1 13.1 19.7



#26

2-Nitrophenol

Concen: 47.628 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

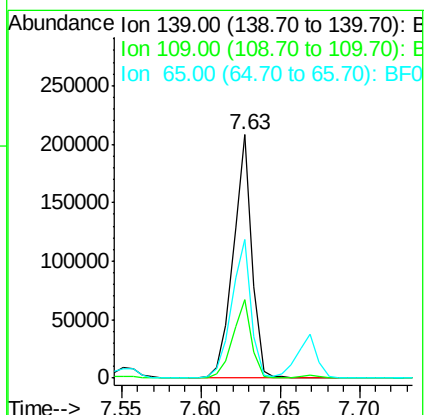
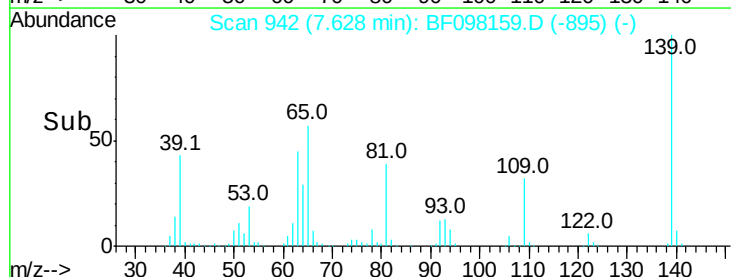
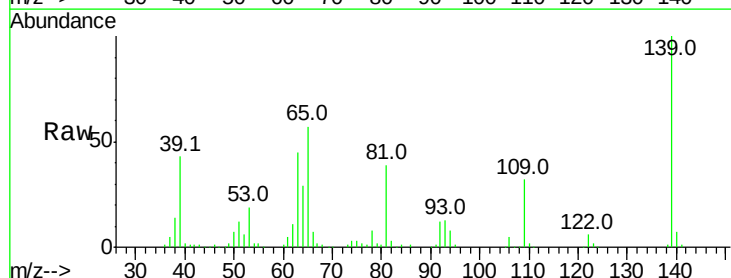
Tgt Ion:139 Resp: 169593

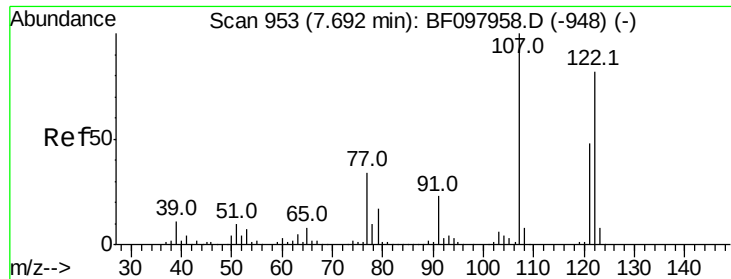
Ion Ratio Lower Upper

139 100

109 32.0 21.0 31.6#

65 57.0 33.0 49.6#

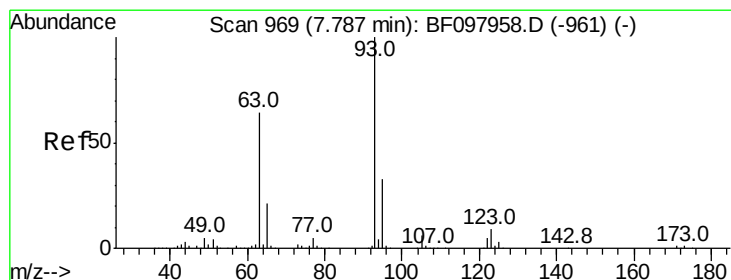
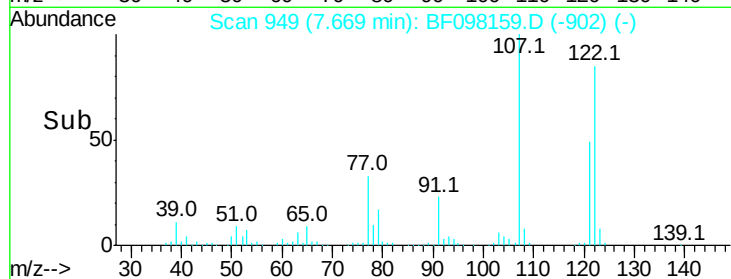
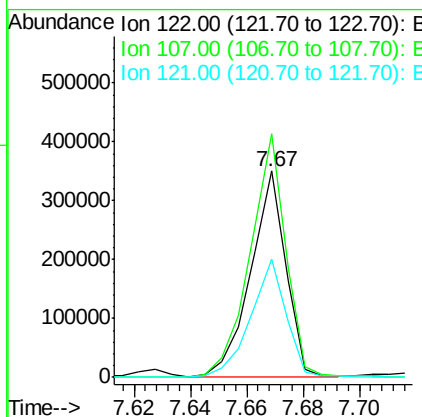
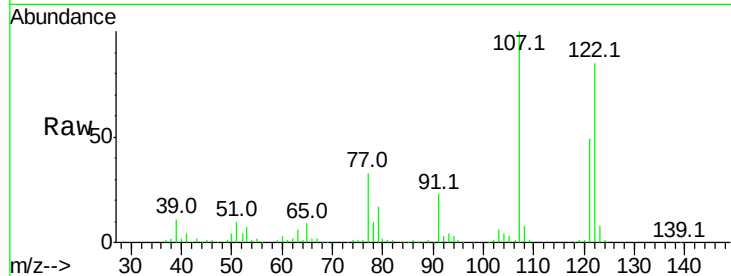




#27
 2,4-Dimethylphenol
 Concen: 39.786 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

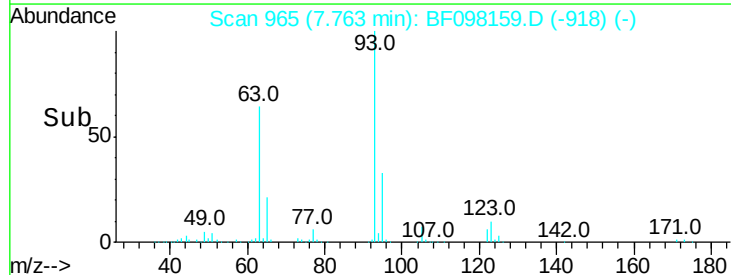
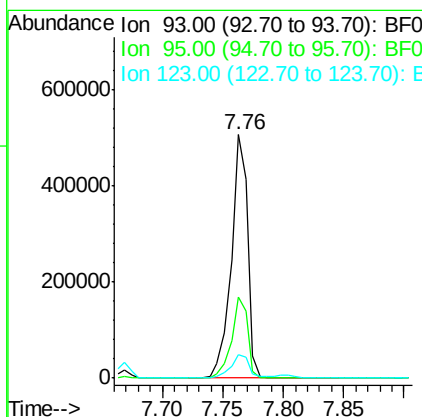
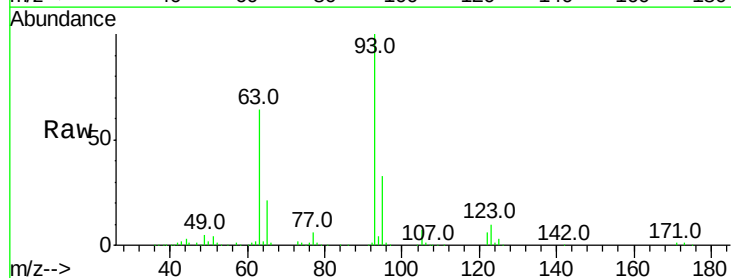
Instrument :
 BNA_F
 ClientSampleId :

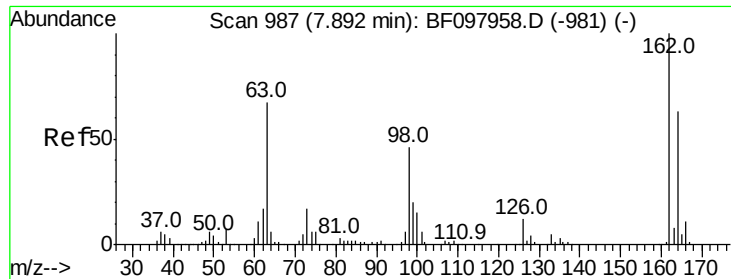
Tot Ion:122 Resp: 304850
 Ion Ratio Lower Upper
 122 100
 107 118.2 89.2 133.8
 121 57.6 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.423 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion: 93 Resp: 476177
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 9.5 9.0 13.4

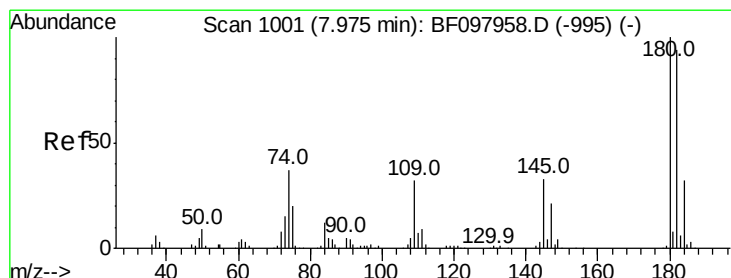
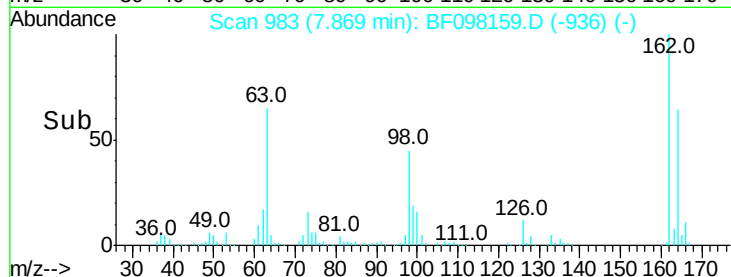
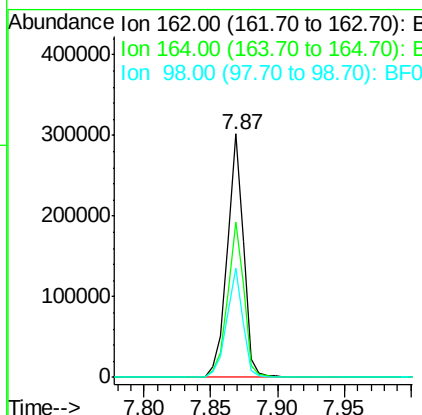
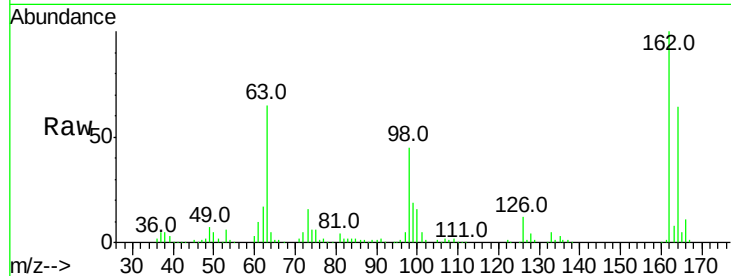




#29
 2,4-Dichlorophenol
 Concen: 41.198 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

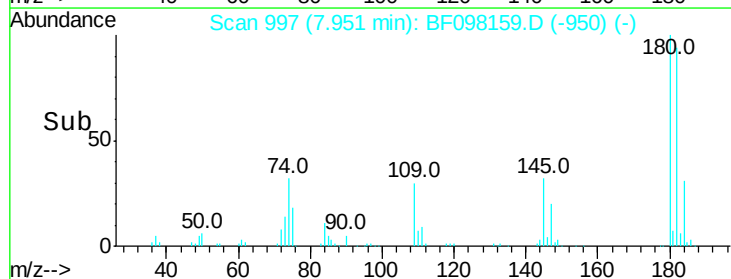
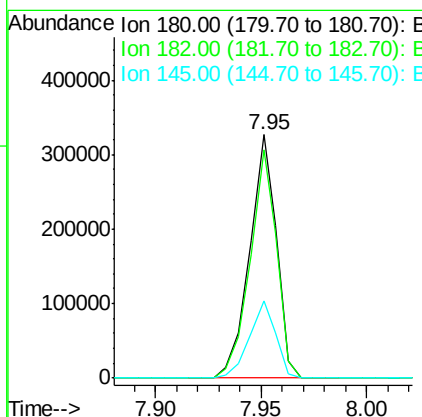
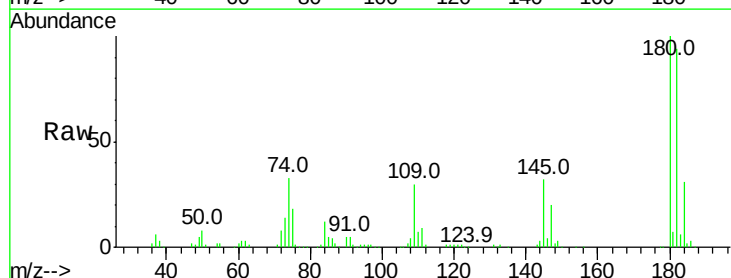
Instrument :
 BNA_F
 ClientSampleId :

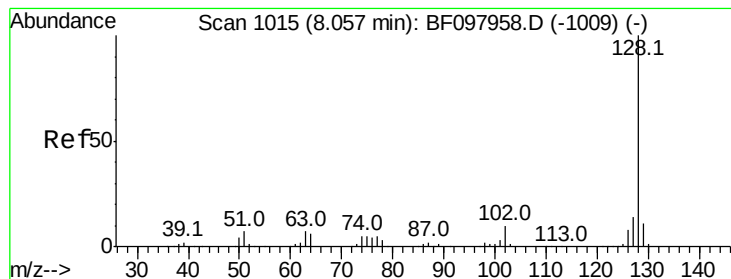
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	44.6	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 40.891 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.6
145	31.6	25.3	37.9





#31

Naphthalene

Concen: 39.550 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampleId :

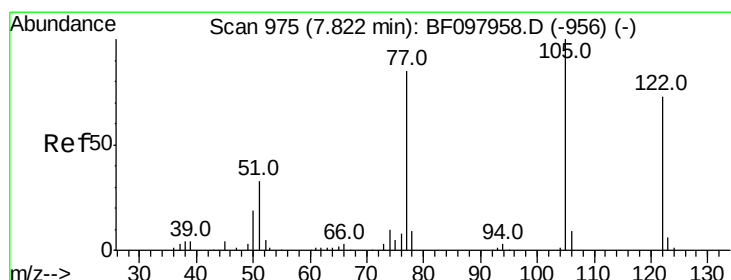
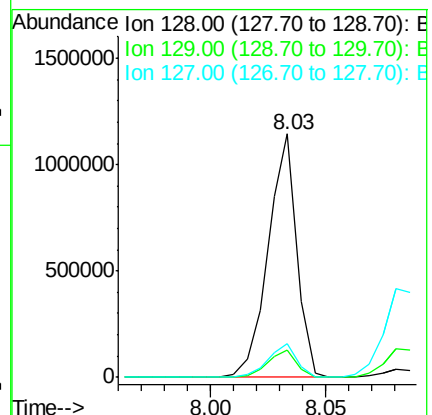
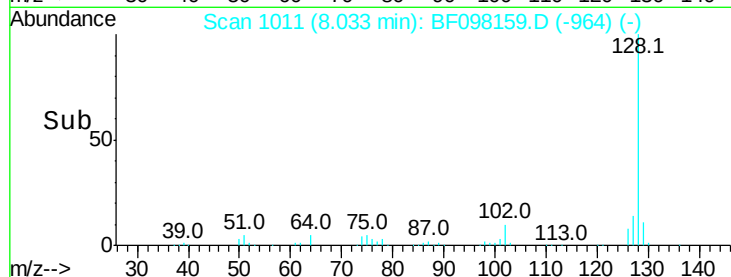
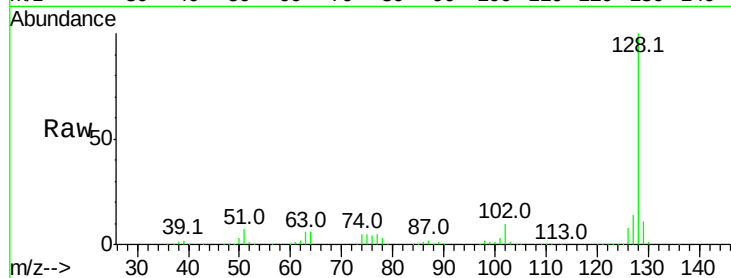
Tot Ion:128 Resp: 985512

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.6 10.8 16.2



#32

Benzoic acid

Concen: 41.301 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.03 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

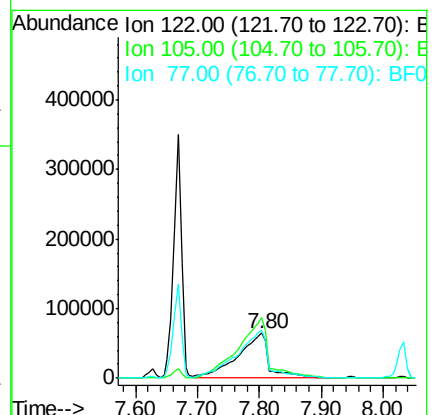
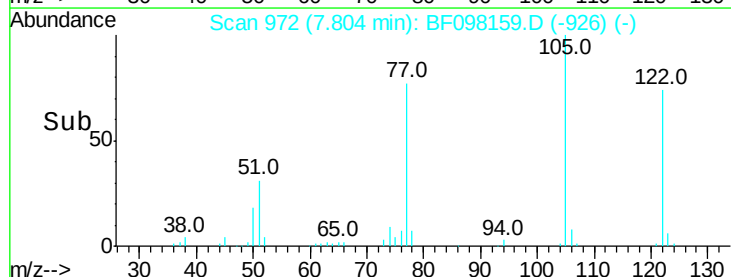
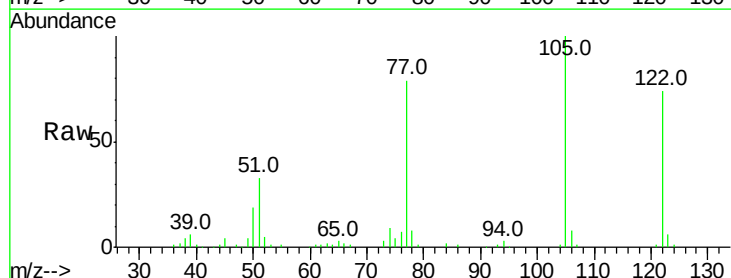
Tgt Ion:122 Resp: 224816

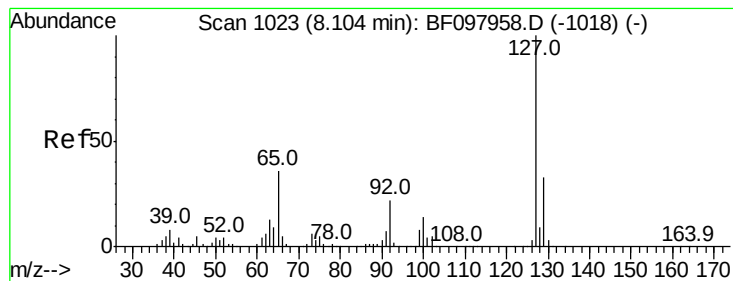
Ion Ratio Lower Upper

122 100

105 134.5 103.3 143.3

77 106.9 73.7 113.7





#33

4-Chloroaniline

Concen: 39.928 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 419608

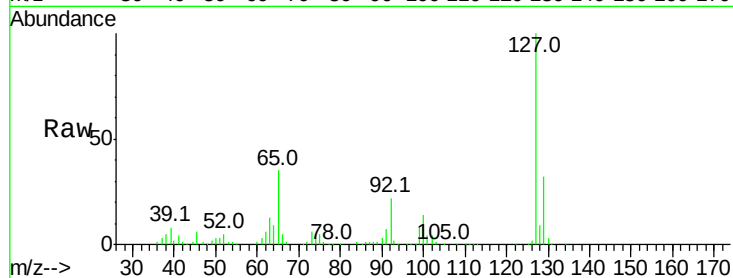
Ion Ratio Lower Upper

127 100

129 32.3 26.2 39.2

65 34.9 27.8 41.8

92 22.1 16.8 25.2

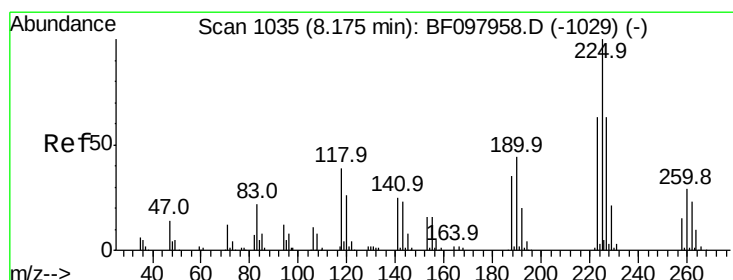
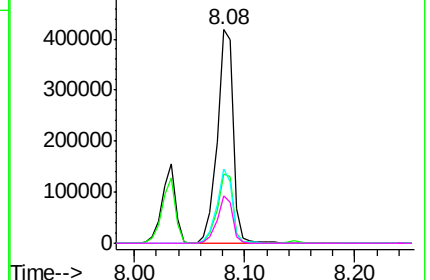
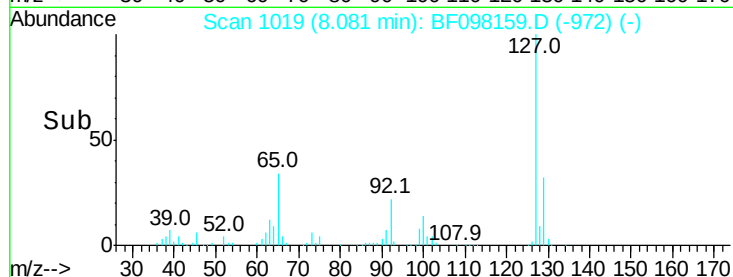


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.565 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

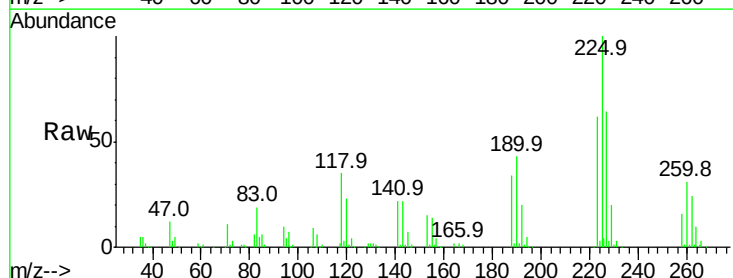
Tgt Ion:225 Resp: 166996

Ion Ratio Lower Upper

225 100

223 62.1 48.8 73.2

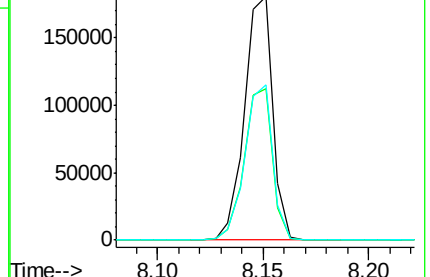
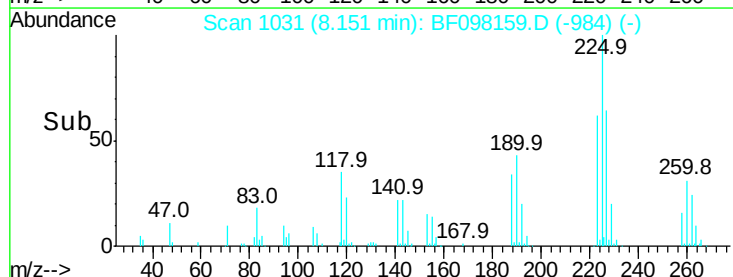
227 63.6 51.1 76.7

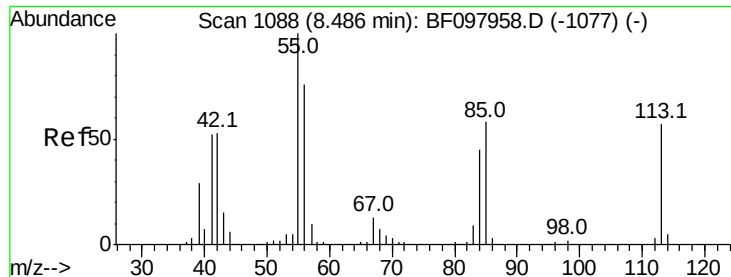


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.365 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.03 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampled :

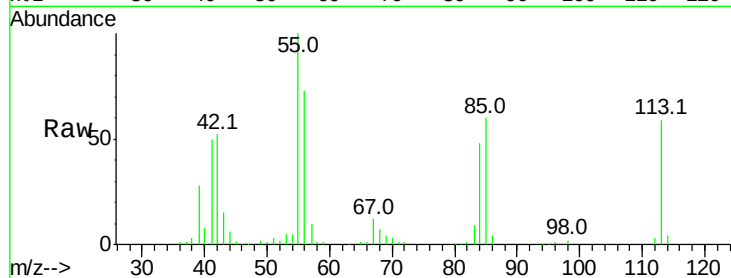
Tot Ion:113 Resp: 89443

Ion Ratio Lower Upper

113 100

55 168.9 150.2 190.2

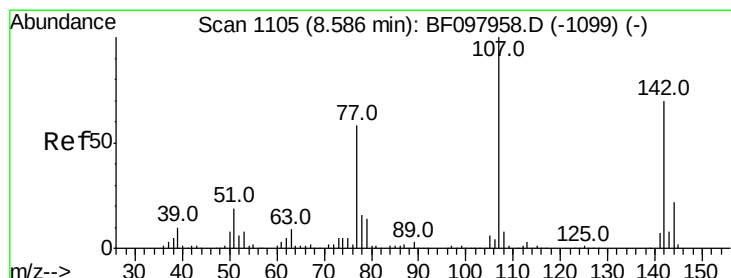
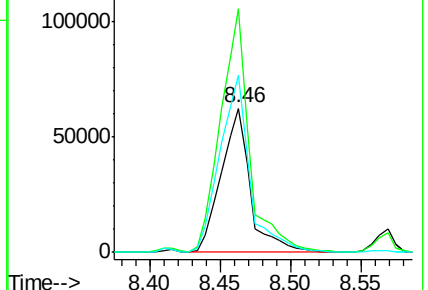
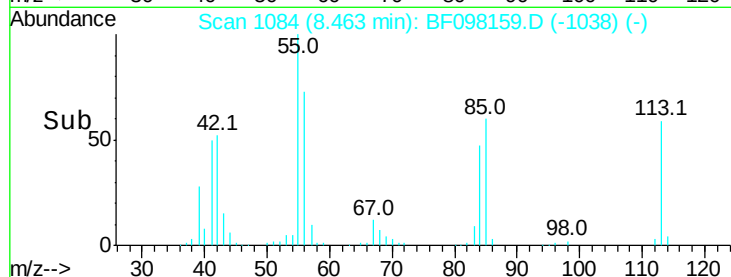
56 122.8 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.968 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

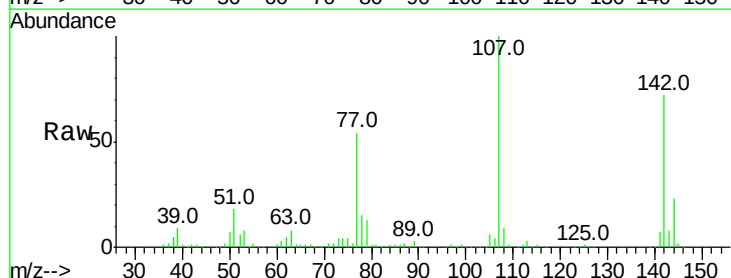
Tgt Ion:107 Resp: 326616

Ion Ratio Lower Upper

107 100

144 23.1 24.2 36.4#

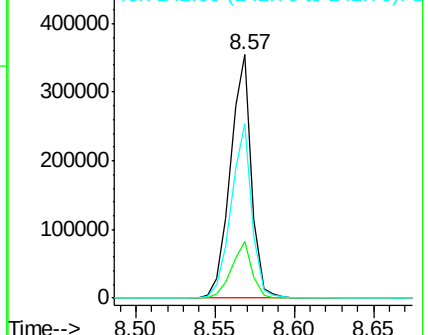
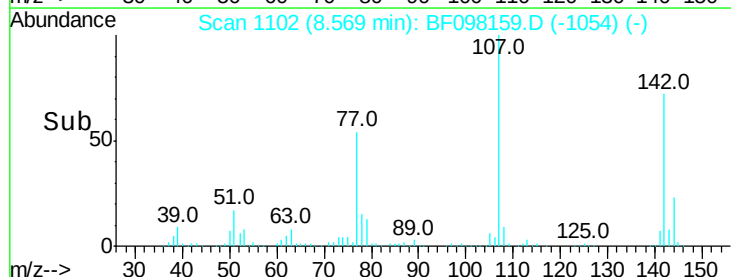
142 71.7 73.4 110.0#

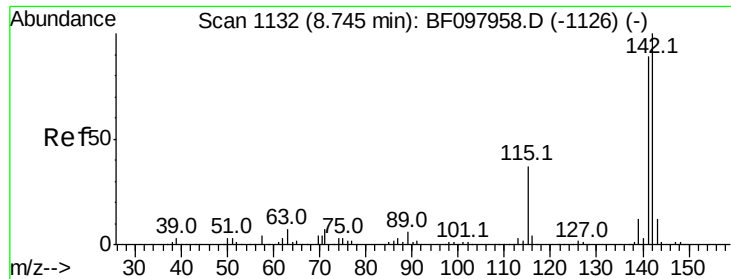


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

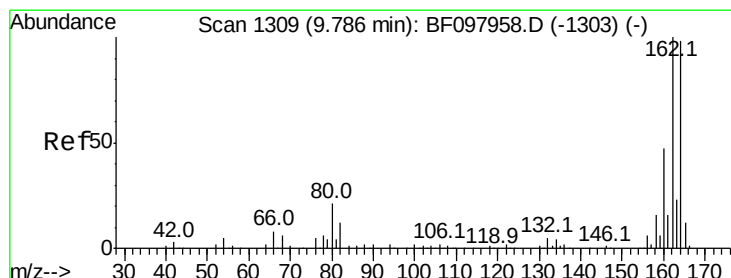
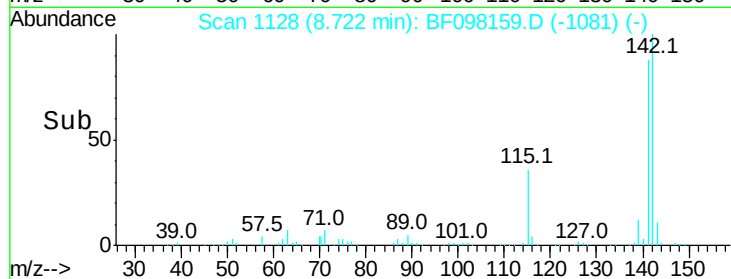
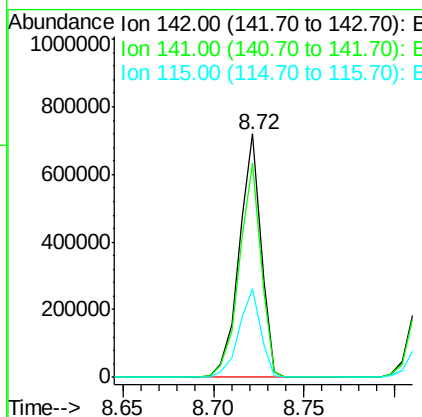
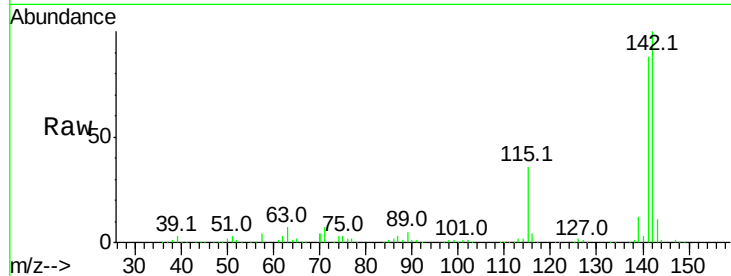




#37
 2-Methylnaphthalene
 Concen: 39.364 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

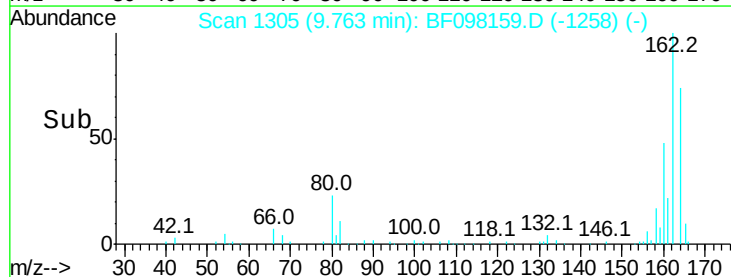
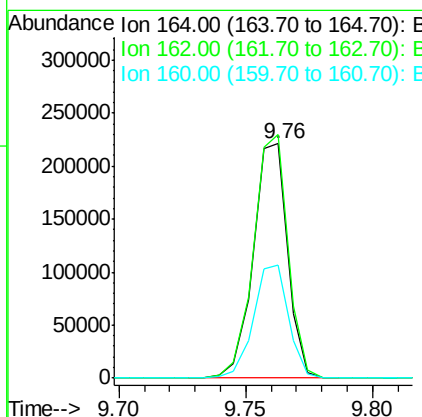
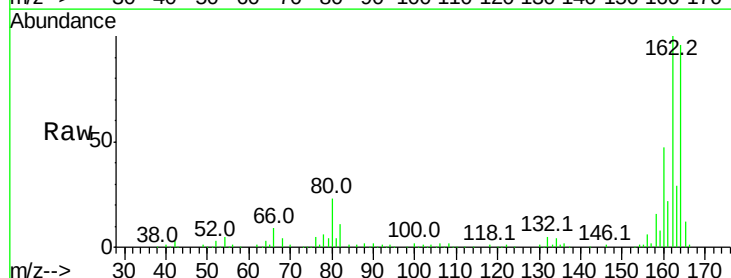
Instrument :
 BNA_F
 ClientSampled :

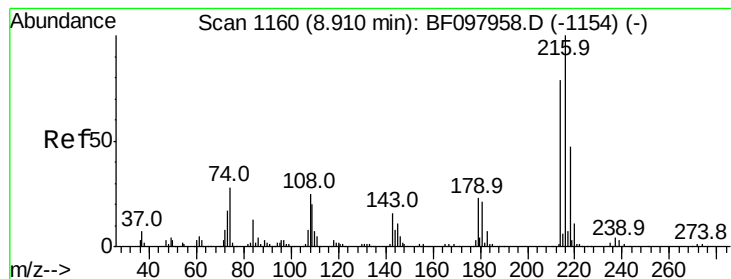
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9
115	36.3	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	48.4	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.619 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 261602

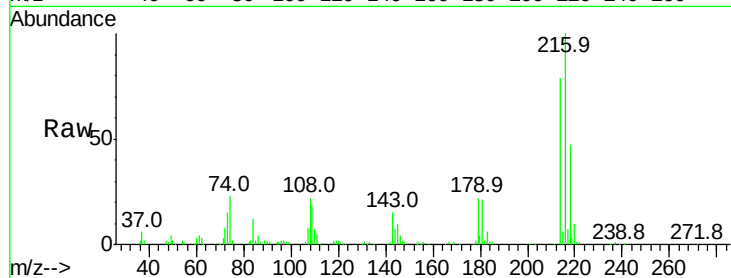
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 21.7 17.9 26.9

108 23.5 16.5 24.7

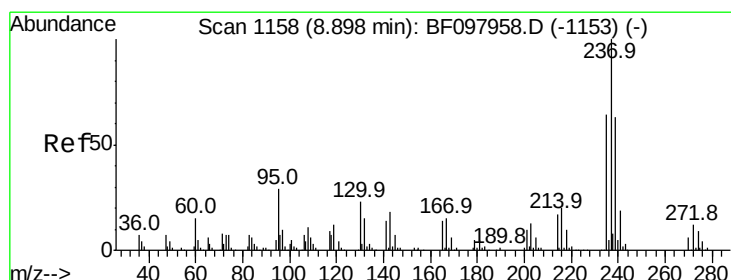
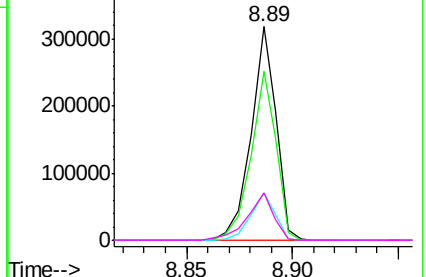
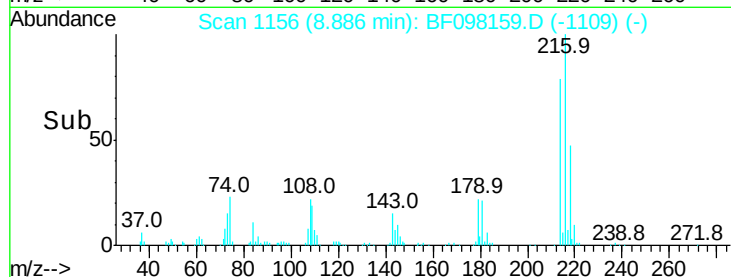


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.031 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

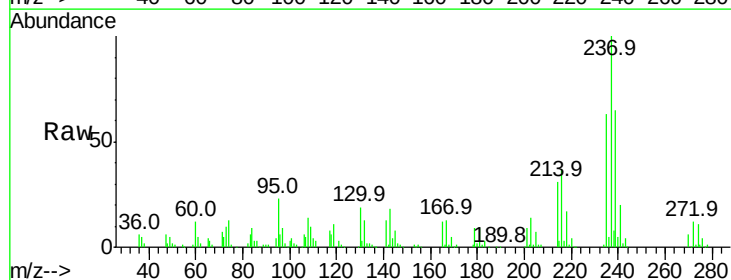
Tgt Ion:237 Resp: 102199

Ion Ratio Lower Upper

237 100

235 63.4 42.6 82.6

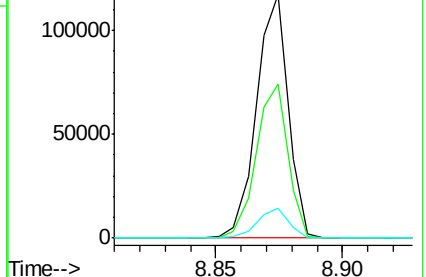
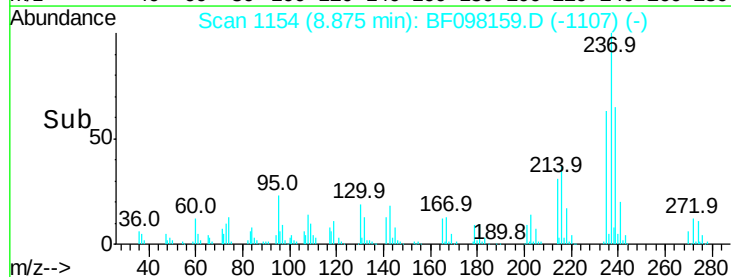
272 12.4 0.0 31.9

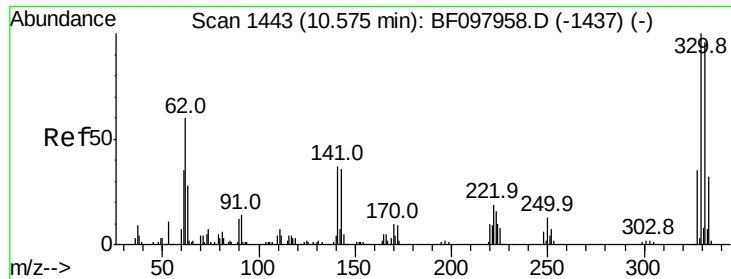


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

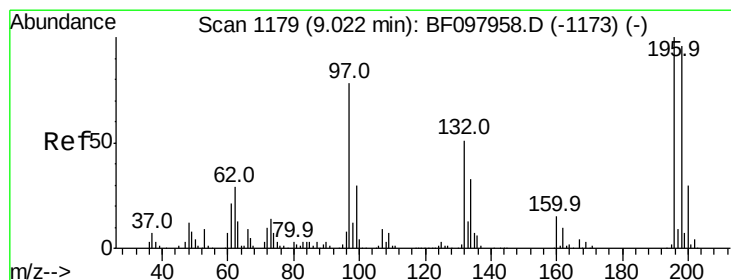
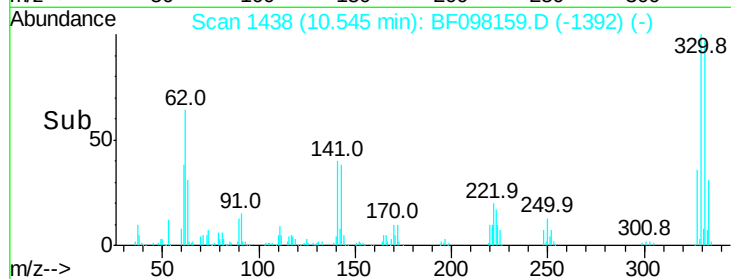
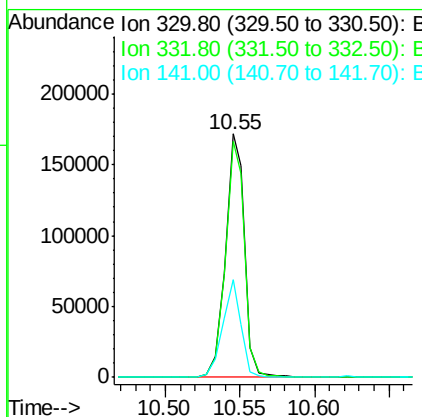
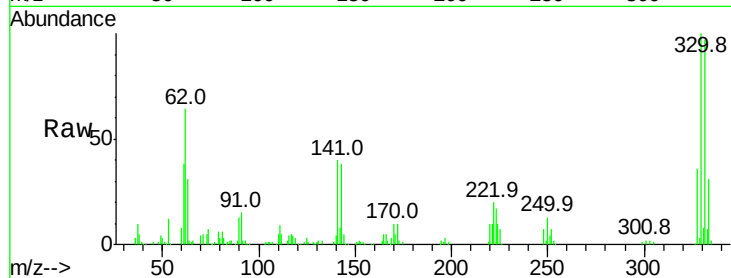




#41
 2,4,6-Tribromophenol
 Concen: 85.725 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

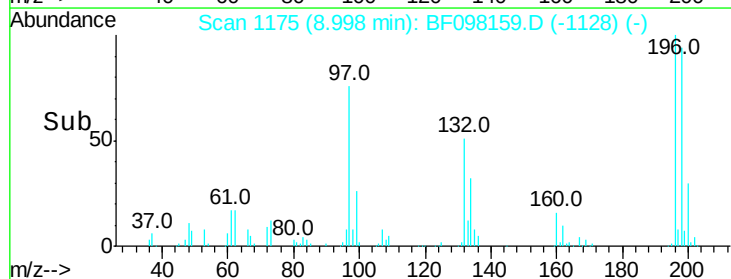
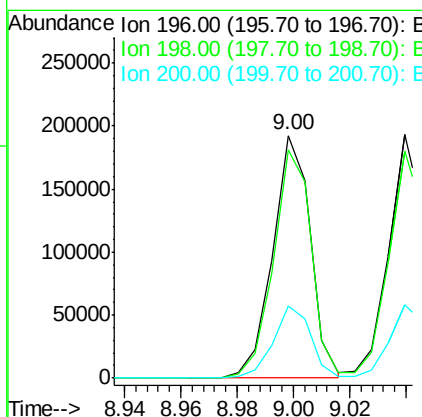
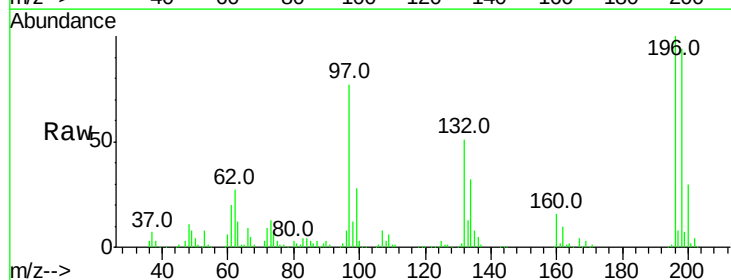
Instrument :
 BNA_F
 ClientSampleId :

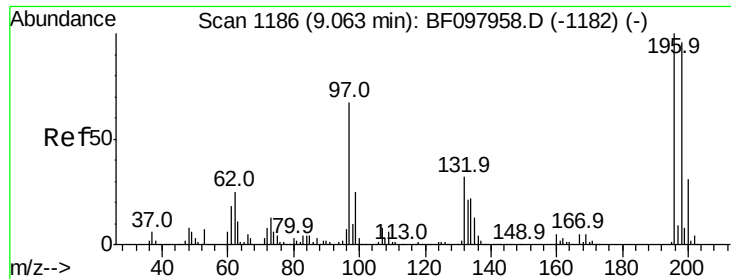
Tot Ion:330 Resp: 156093
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 38.7 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.106 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion:196 Resp: 177741
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.2 111.4
 200 29.8 24.0 36.0

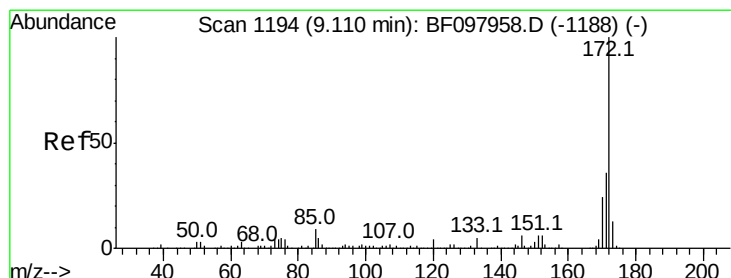
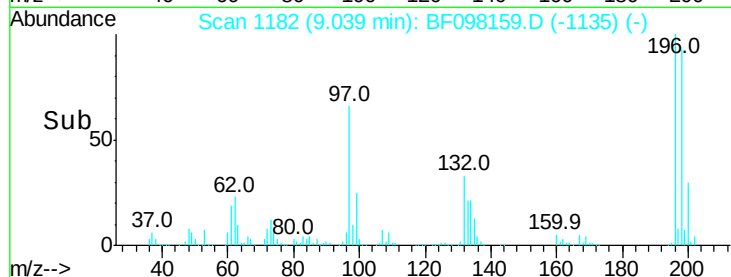
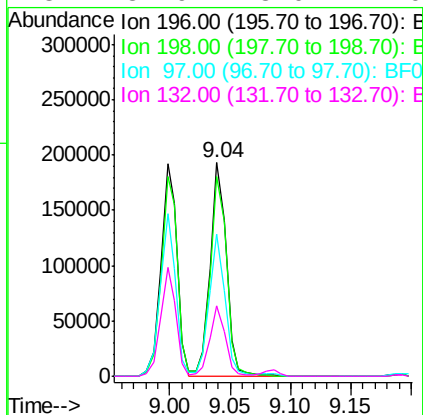
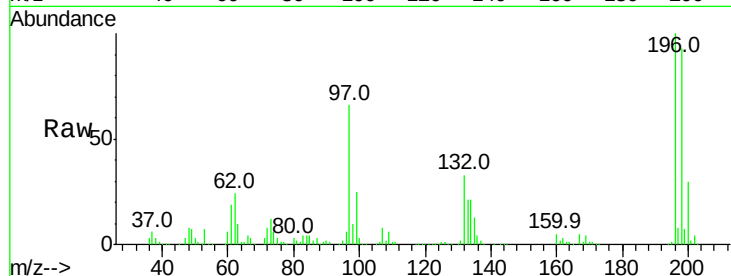




#43
 2,4,5-Trichlorophenol
 Concen: 41.792 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

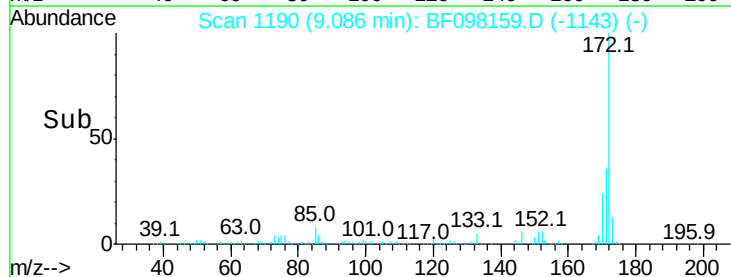
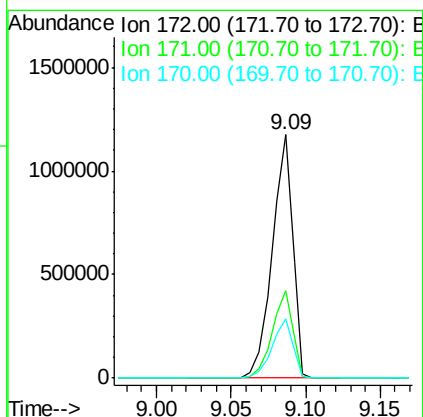
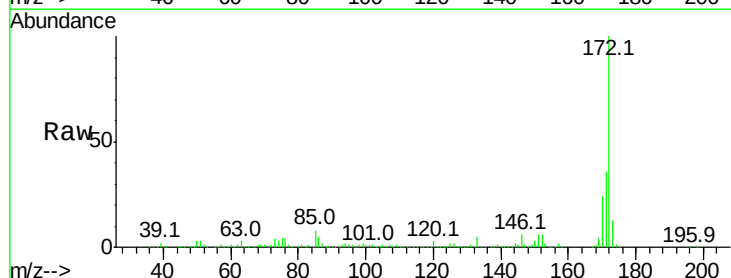
Instrument :
 BNA_F
 ClientSampled :

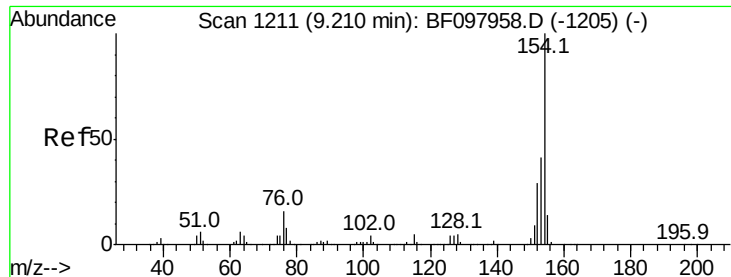
Tot Ion:	196	Resp:	179275
Ion	Ratio	Lower	Upper
196	100		
198	93.4	75.7	113.5
97	66.3	47.7	71.5
132	32.9	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 78.127 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion:	172	Resp:	1115940
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.3	19.8	29.8

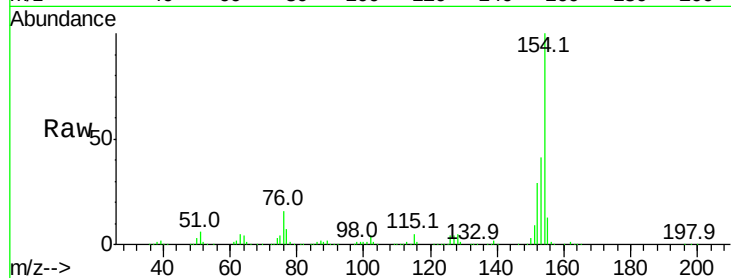




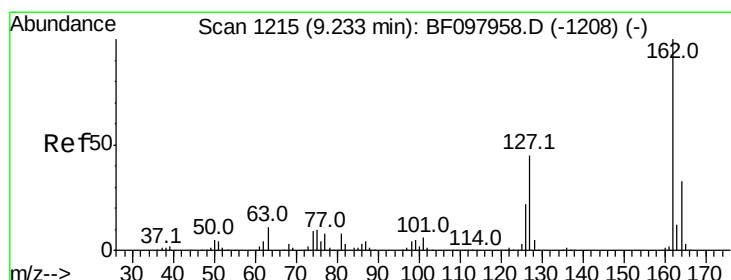
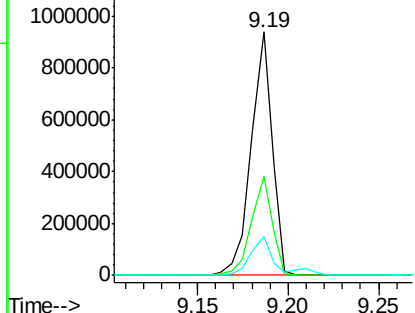
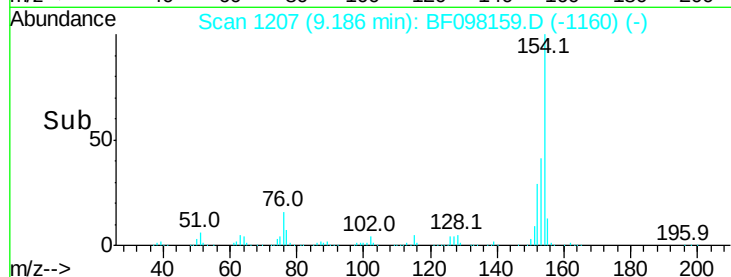
#45
 1,1'-Biphenyl
 Concen: 39.559 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	15.9	0.0	29.9

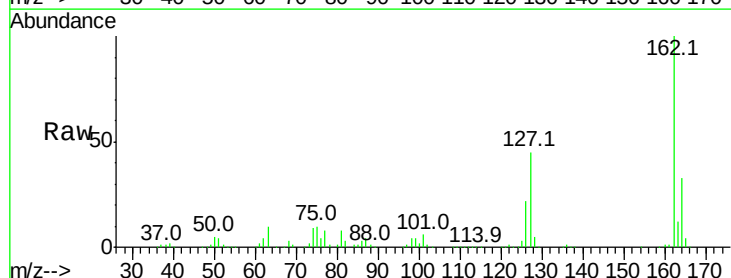


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

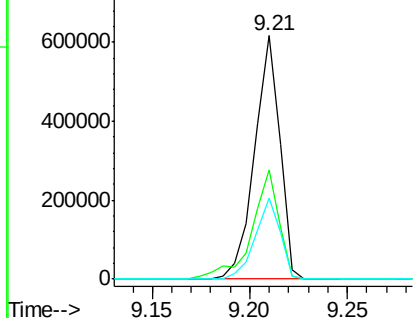
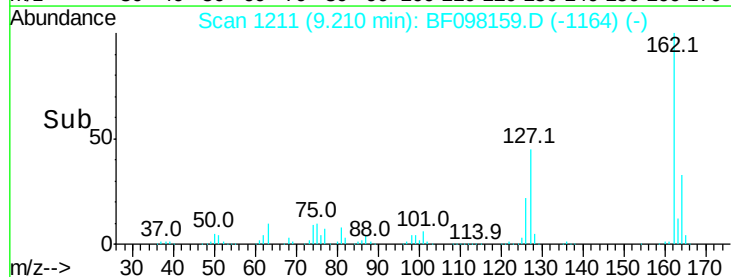


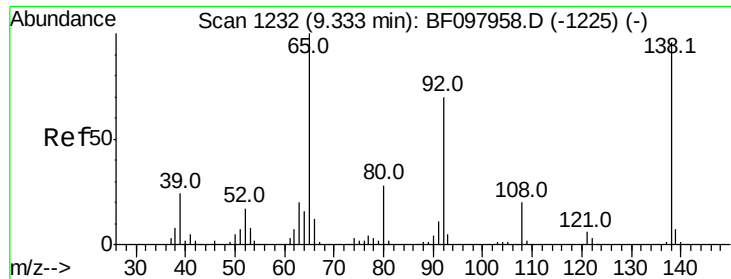
#46
 2-Chloronaphthalene
 Concen: 39.083 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.6	28.3	42.5#
164	33.3	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

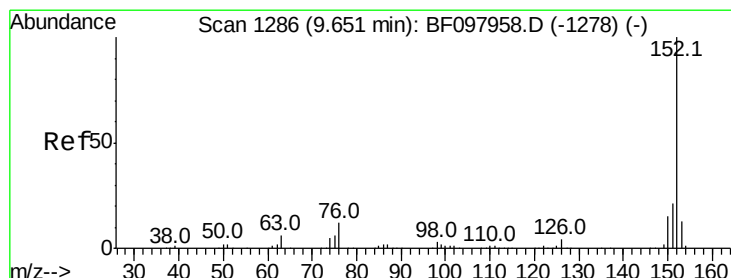
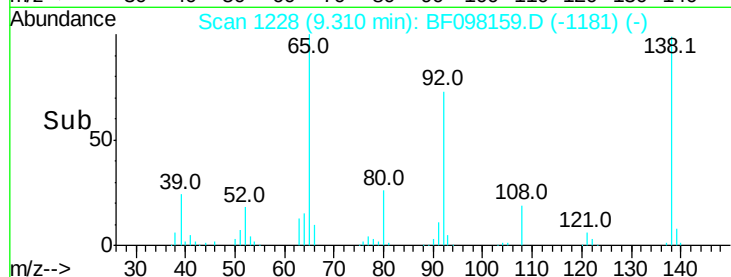
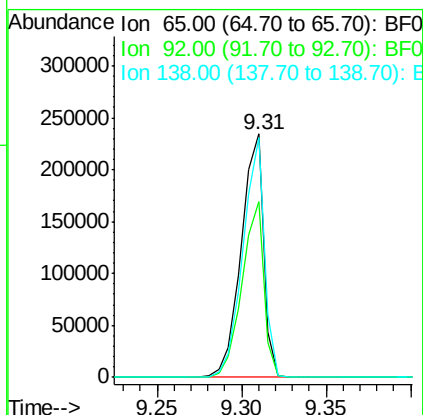
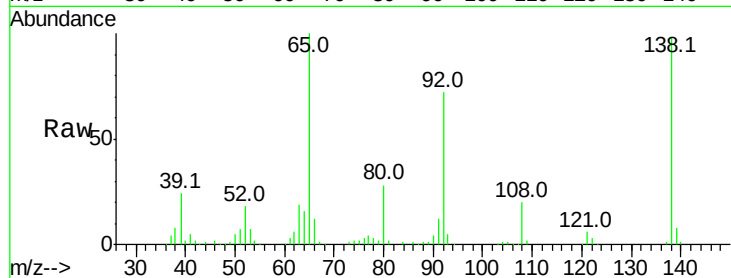




#47
 2-Nitroaniline
 Concen: 46.008 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

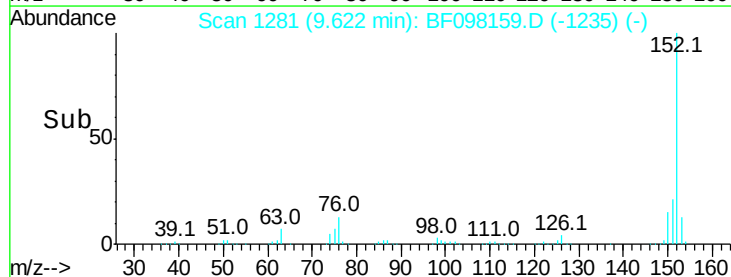
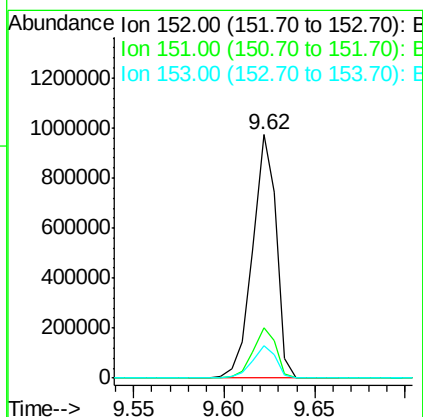
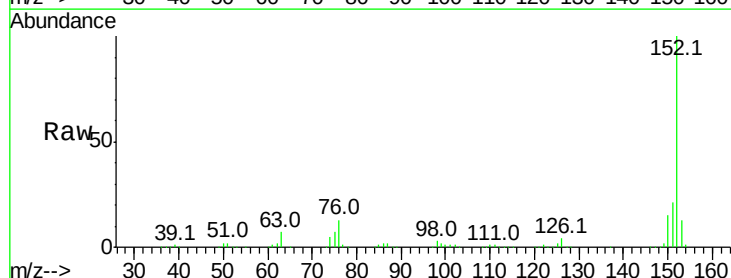
Instrument :
 BNA_F
 ClientSampleId :

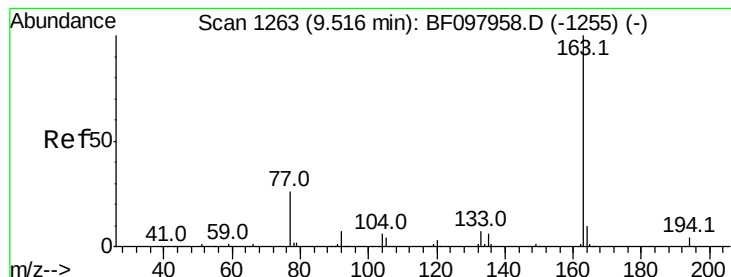
Tot Ion: 65 Resp: 218090
 Ion Ratio Lower Upper
 65 100
 92 72.2 53.9 80.9
 138 98.4 78.8 118.2



#48
 Acenaphthylene
 Concen: 39.807 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.03 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion: 152 Resp: 883893
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 40.140 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampleId :

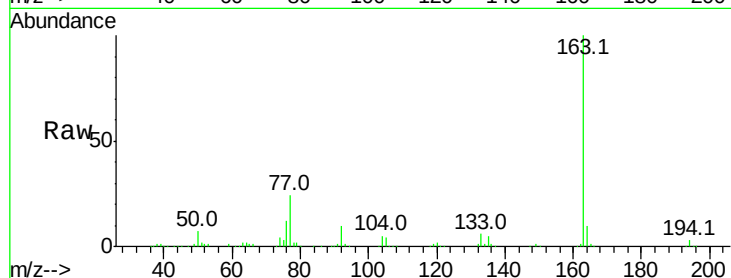
Tot Ion:163 Resp: 615742

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

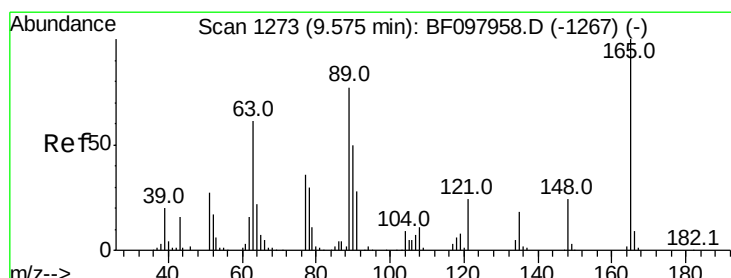
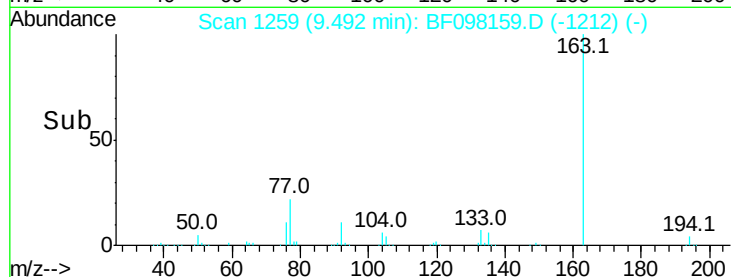
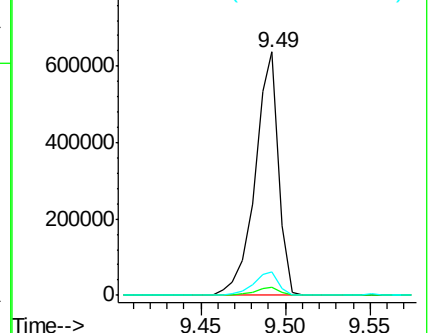
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.123 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

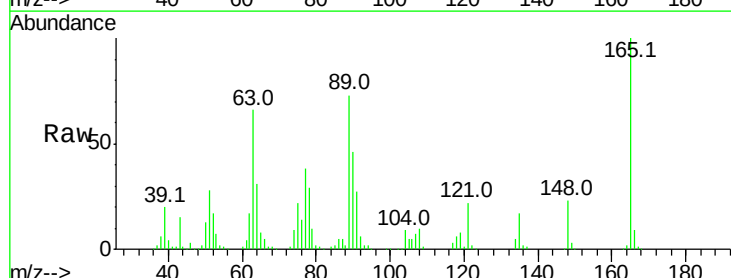
Tgt Ion:165 Resp: 132041

Ion Ratio Lower Upper

165 100

63 65.8 34.3 51.5#

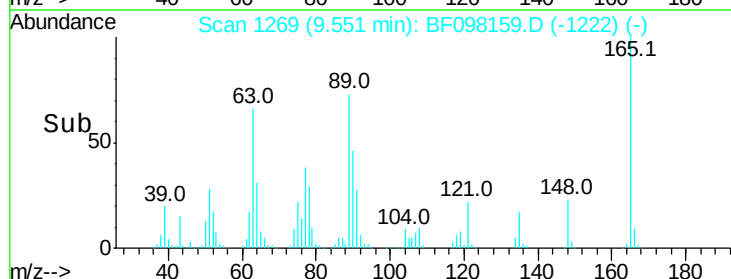
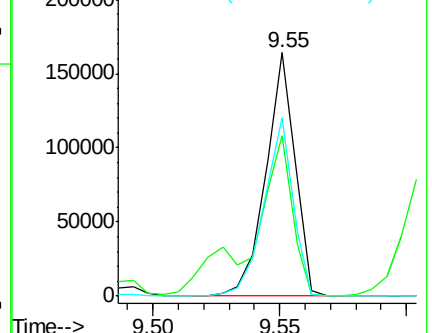
89 73.3 37.1 55.7#

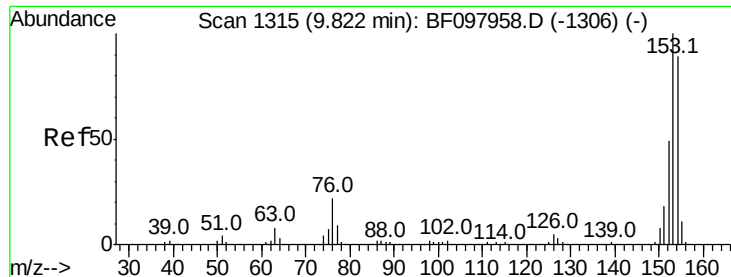


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

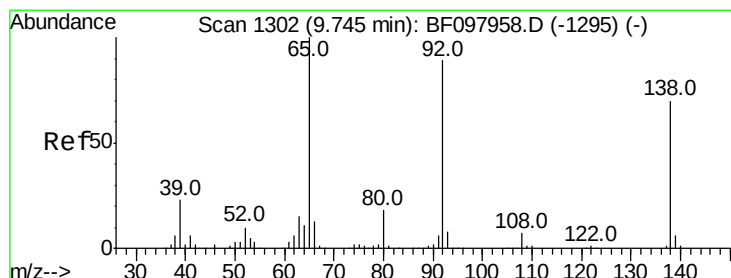
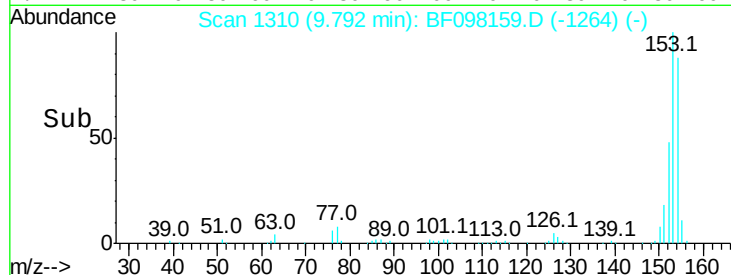
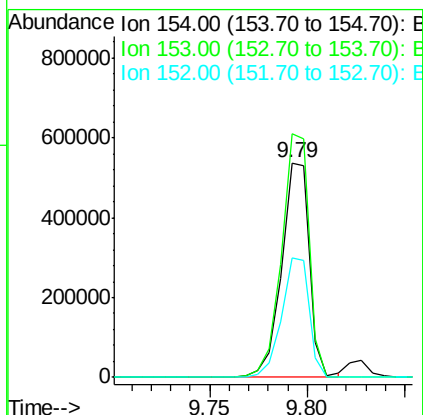
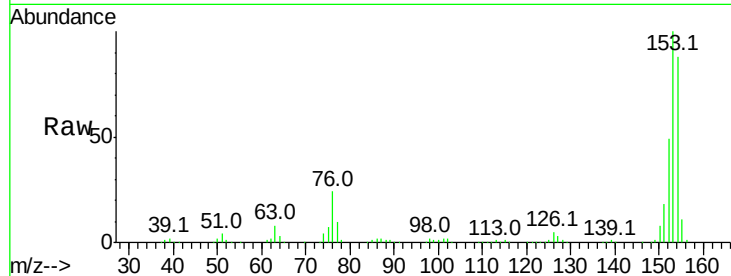




#51
Acenaphthene
Concen: 37.859 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

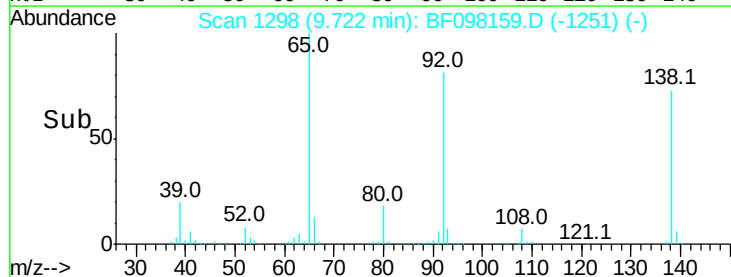
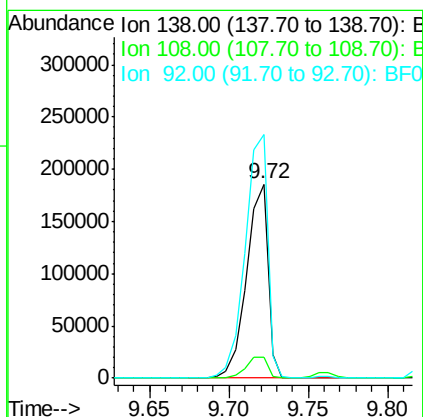
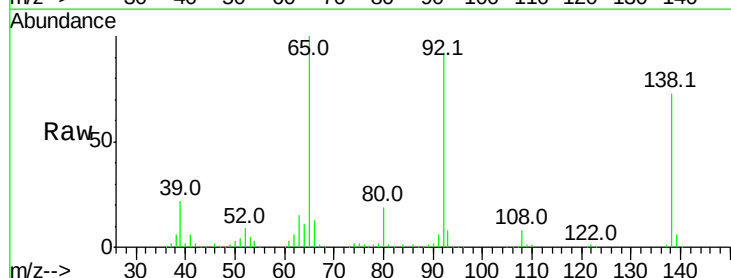
Instrument :
BNA_F
ClientSampleId :

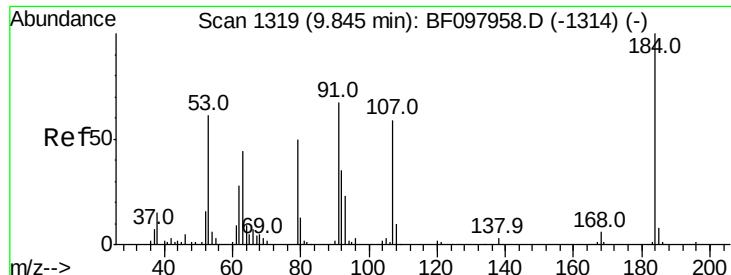
Tot Ion:154 Resp: 530190
Ion Ratio Lower Upper
154 100
153 113.4 90.5 135.7
152 55.4 43.6 65.4



#52
3-Nitroaniline
Concen: 44.006 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

Tgt Ion:138 Resp: 173850
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 125.4 93.8 140.6

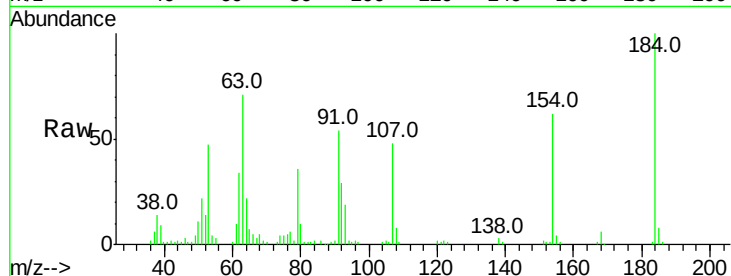




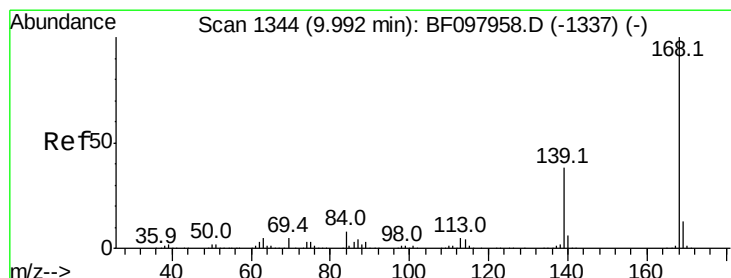
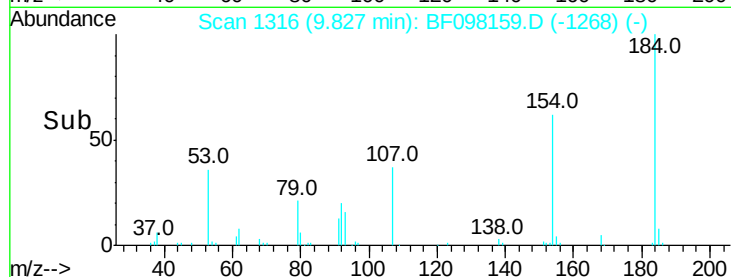
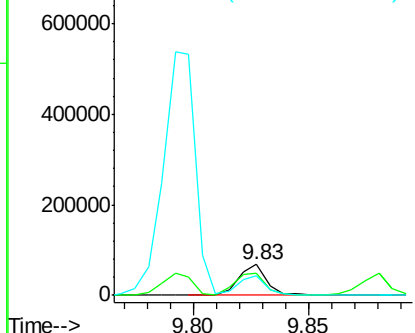
#53
 2,4-Dinitrophenol
 Concen: 45.536 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 59037
 Ion Ratio Lower Upper
 184 100
 63 71.3 62.7 94.1
 154 61.7 81.1 121.7#

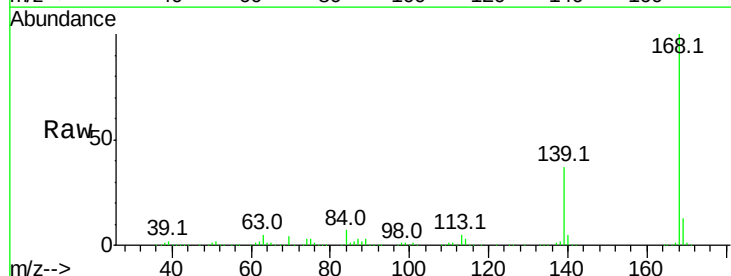


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

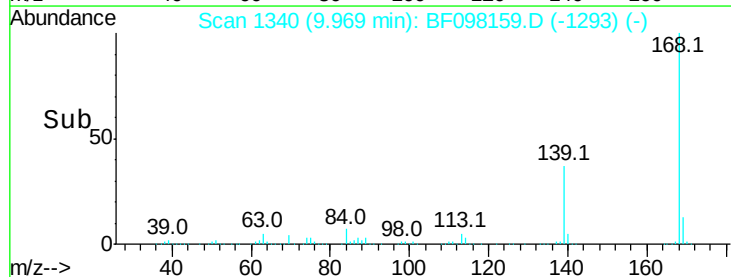
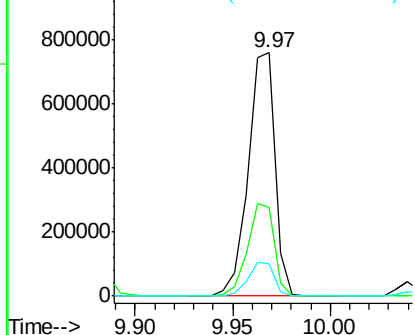


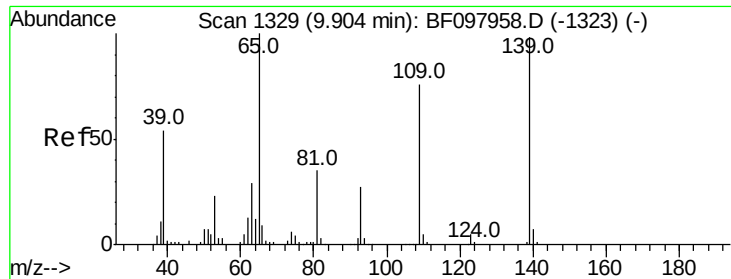
#54
 Dibenzofuran
 Concen: 38.457 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion:168 Resp: 721789
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.6 45.8
 169 13.1 10.8 16.2



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

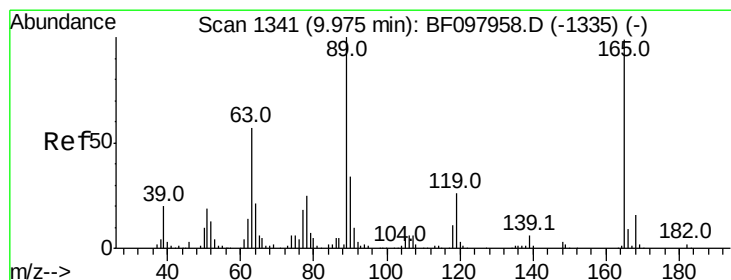
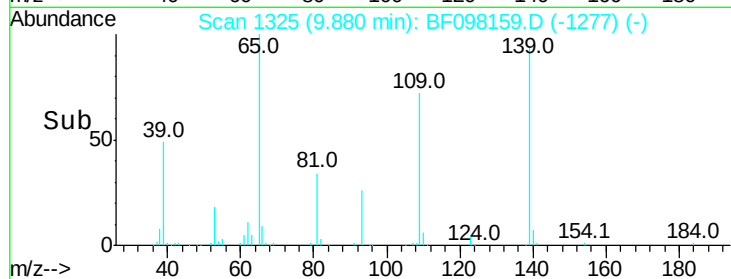
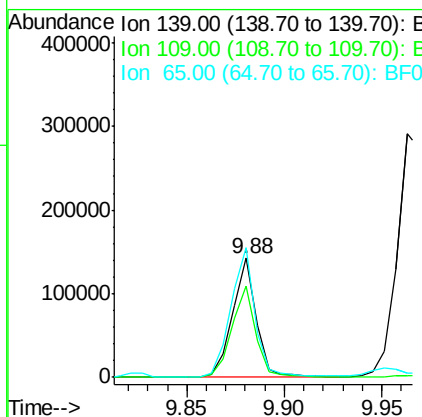
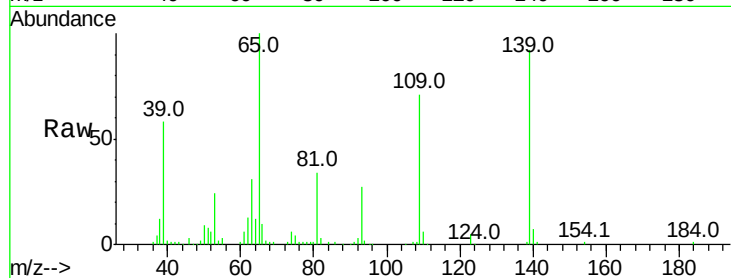




#55
4-Nitrophenol
Concen: 38.507 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

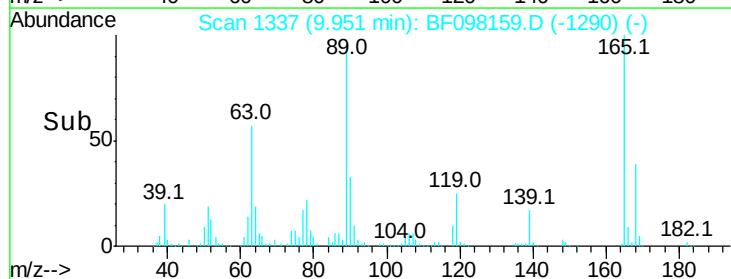
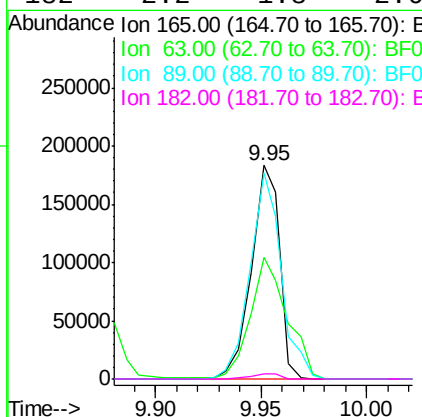
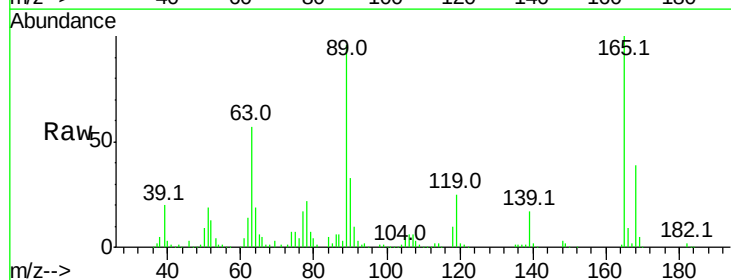
Instrument :
BNA_F
ClientSampled :

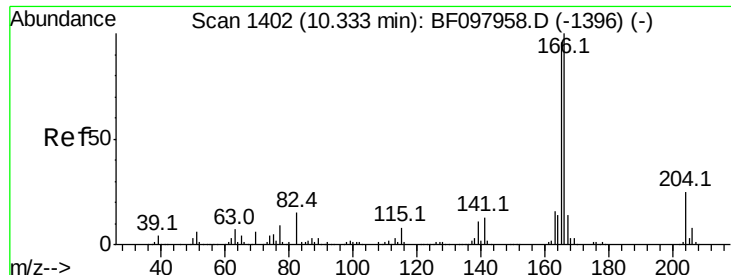
Tot Ion:139 Resp: 121352
Ion Ratio Lower Upper
139 100
109 76.5 34.1 74.1#
65 108.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 44.264 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

Tgt Ion:165 Resp: 170094
Ion Ratio Lower Upper
165 100
63 57.1 25.4 38.0#
89 96.3 46.4 69.6#
182 2.2 1.8 2.6





#57

Fluorene

Concen: 39.639 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampleId :

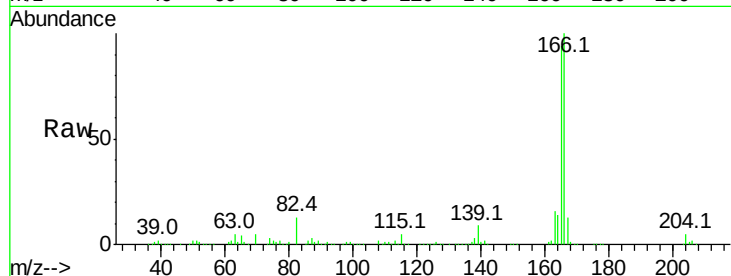
Tot Ion:166 Resp: 575206

Ion Ratio Lower Upper

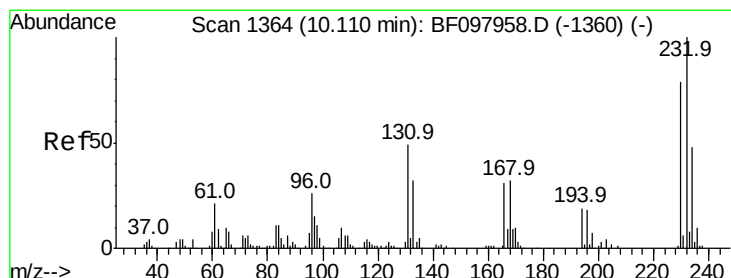
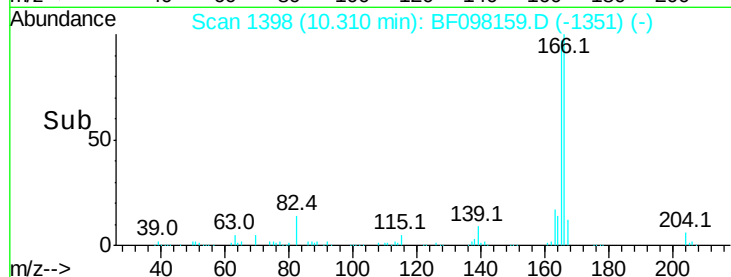
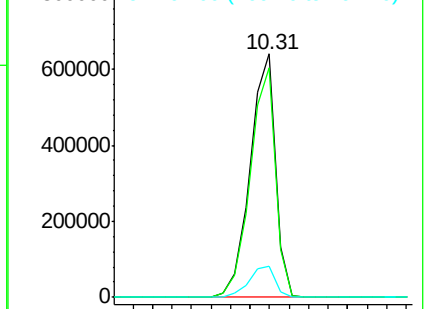
166 100

165 94.4 78.8 118.2

167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.430 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Tgt Ion:232 Resp: 134276

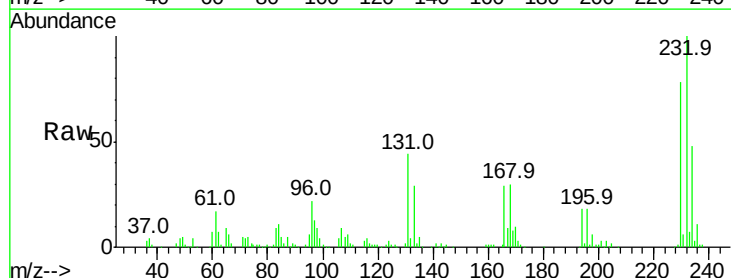
Ion Ratio Lower Upper

232 100

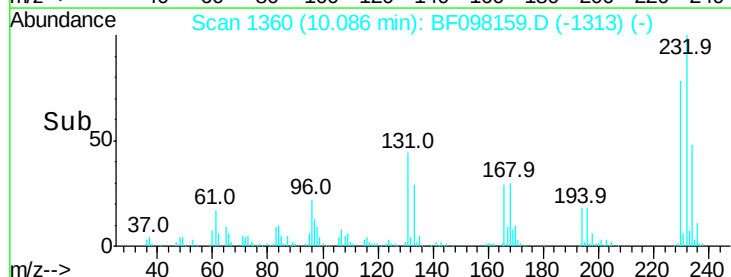
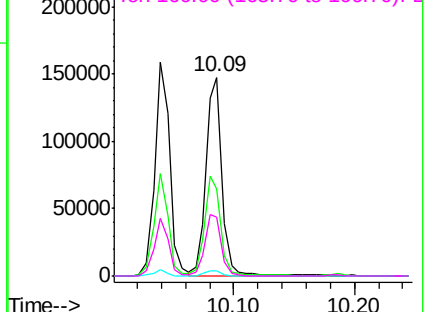
131 49.6 44.8 67.2

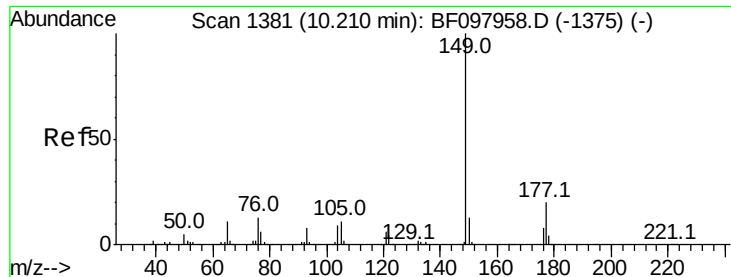
130 2.5 2.3 3.5

166 32.2 29.0 43.4



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

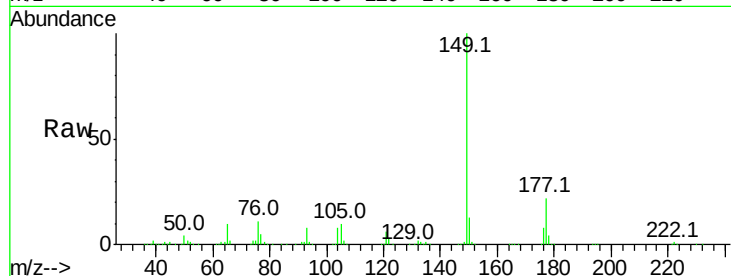




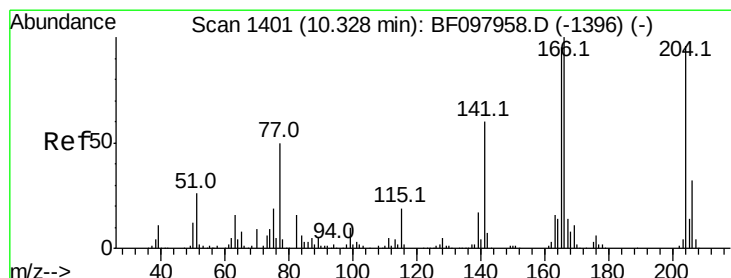
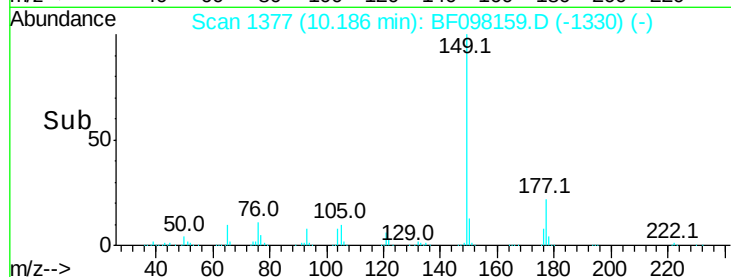
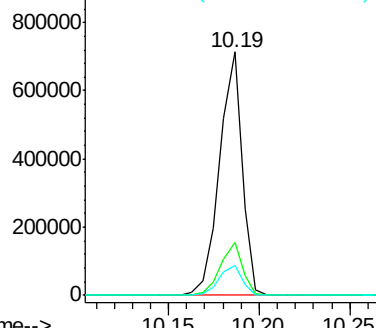
#59
Diethylphthalate
Concen: 38.519 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.5	10.2	15.2

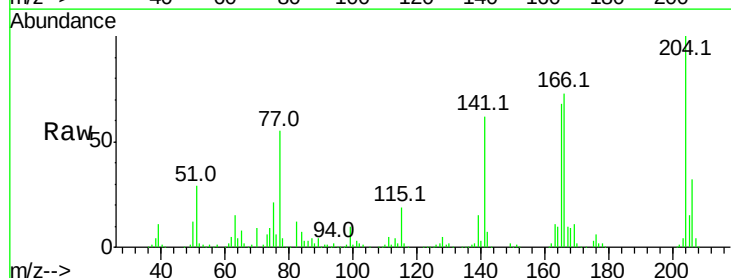


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

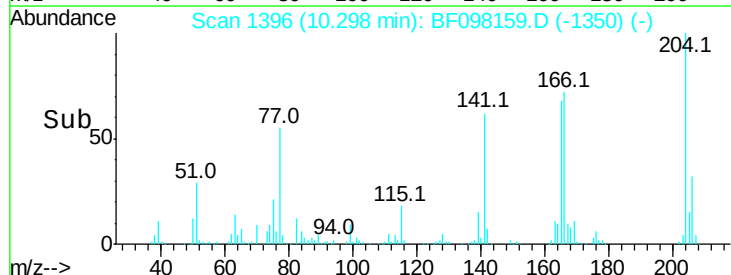
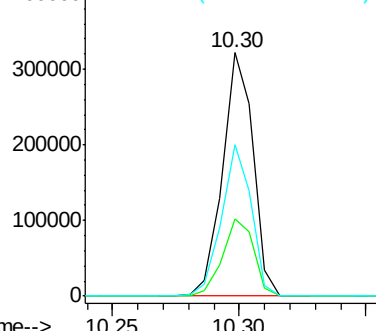


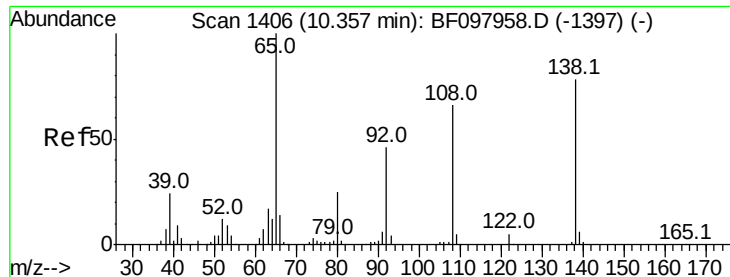
#60
4-Chlorophenyl-phenylether
Concen: 40.045 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.03 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.2	39.2
141	62.3	60.8	91.2



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

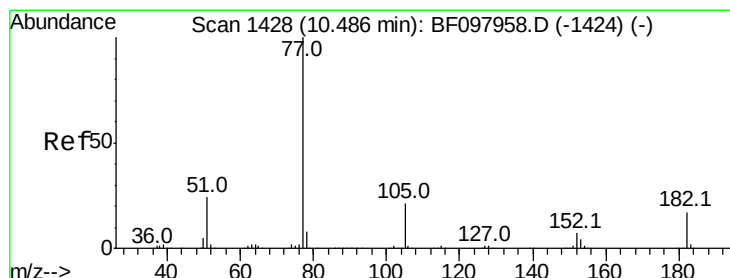
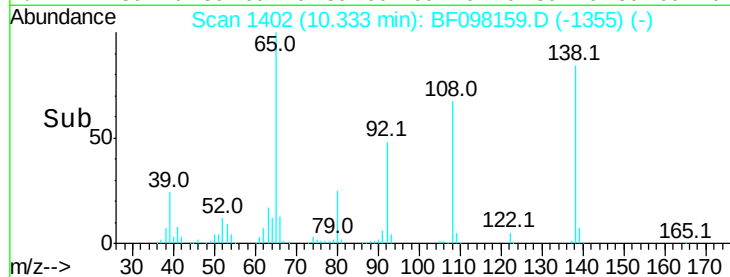
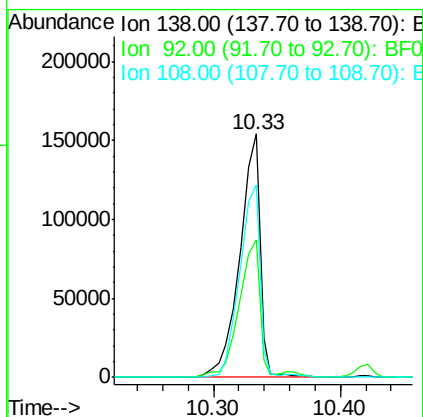
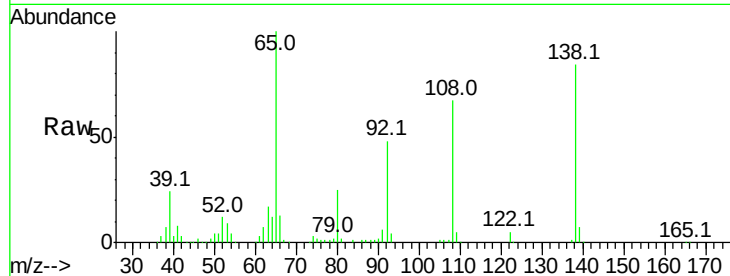




#61
4-Nitroaniline
Concen: 45.487 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

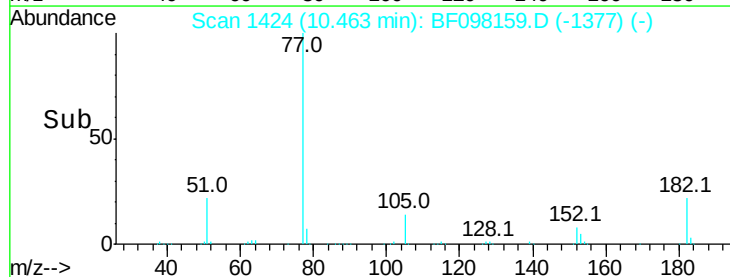
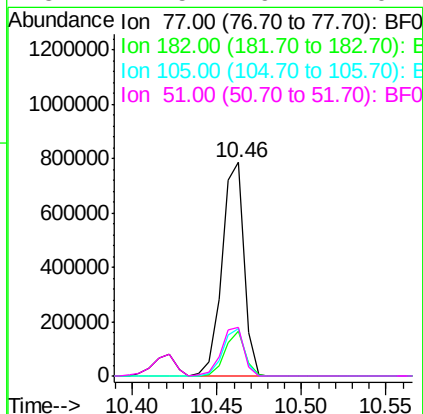
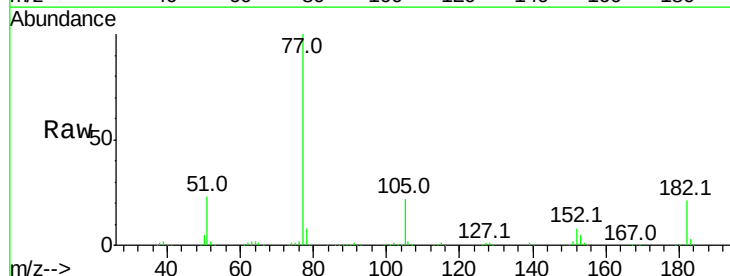
Instrument :
BNA_F
ClientSampled :

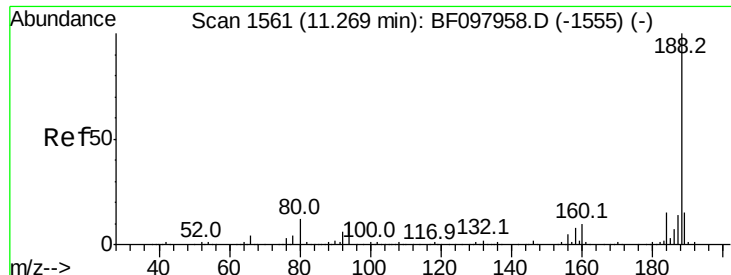
Tot Ion:138 Resp: 170793
Ion Ratio Lower Upper
138 100
92 56.5 21.8 61.8
108 79.0 42.3 82.3



#62
Azobenzene
Concen: 37.340 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

Tgt Ion: 77 Resp: 711509
Ion Ratio Lower Upper
77 100
182 21.1 0.1 40.1
105 22.2 3.6 43.6
51 22.5 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampled :

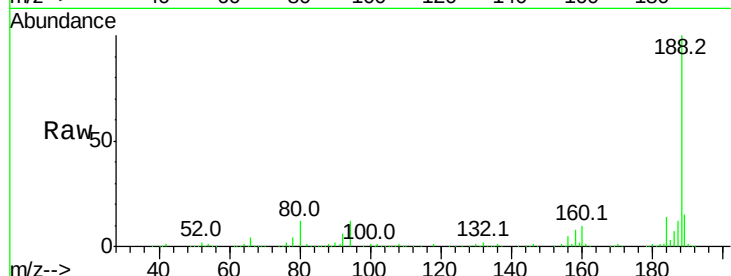
Tot Ion:188 Resp: 397580

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

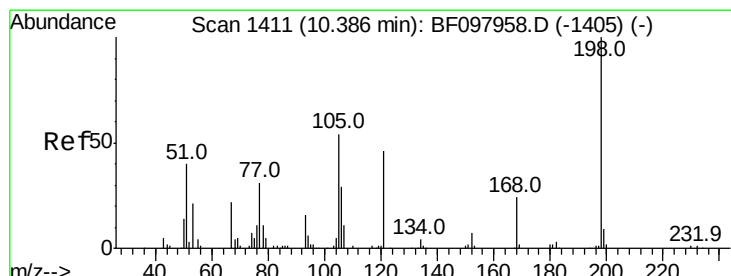
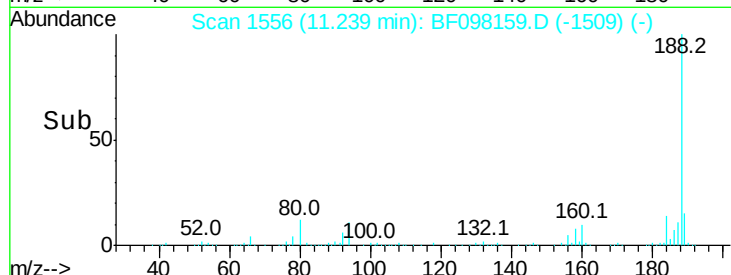
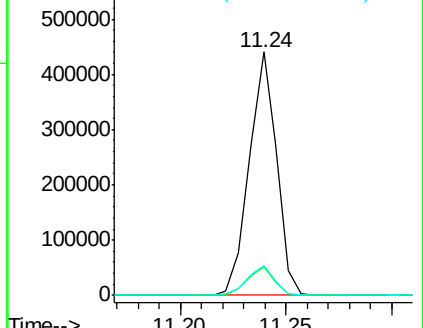
80 12.1 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.258 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

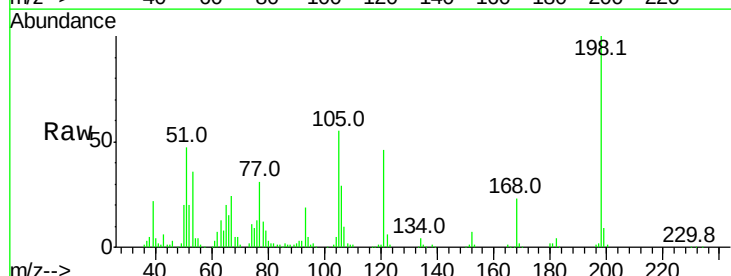
Tgt Ion:198 Resp: 88248

Ion Ratio Lower Upper

198 100

51 47.4 53.2 93.2#

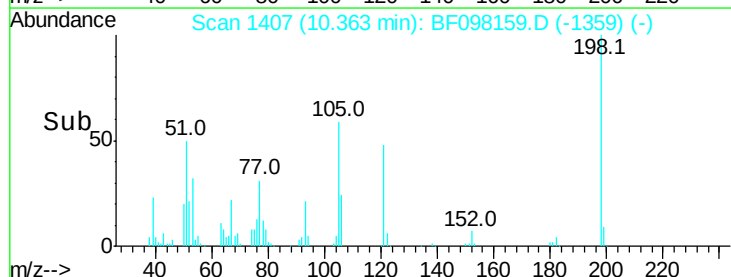
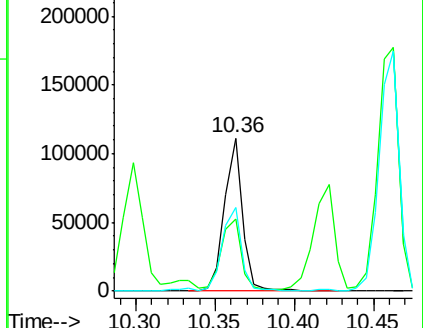
105 55.0 45.8 85.8

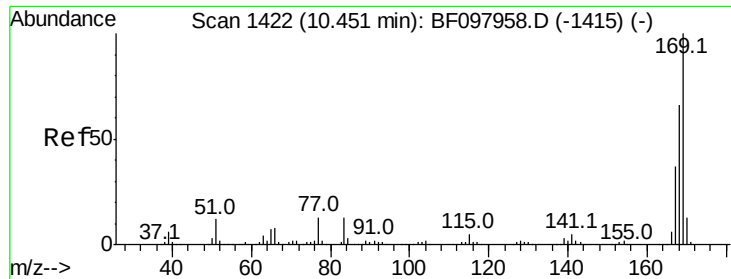


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

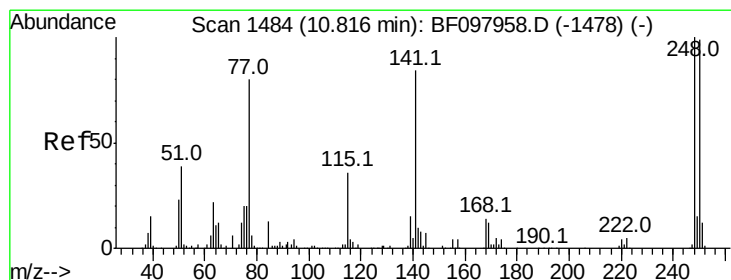
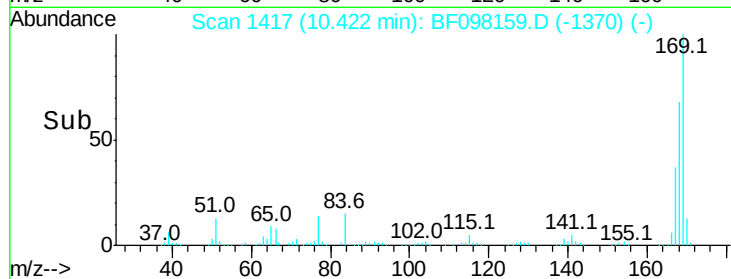
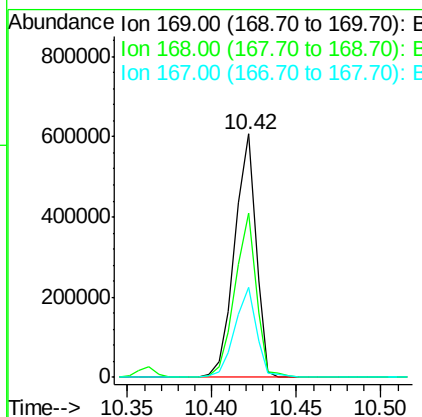
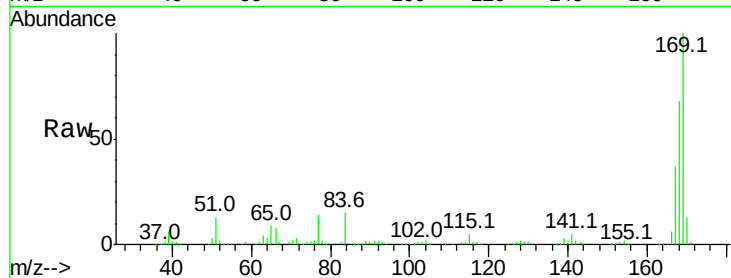




#65
 n-Nitrosodiphenylamine
 Concen: 39.395 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

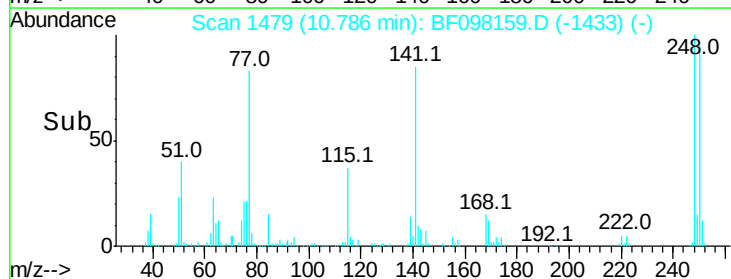
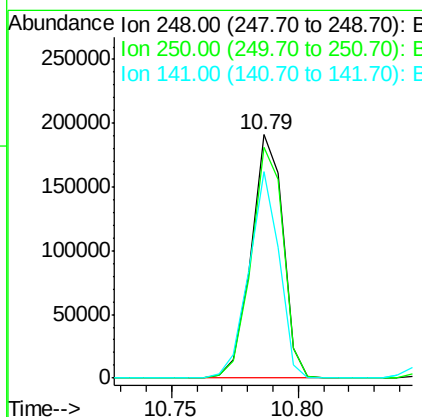
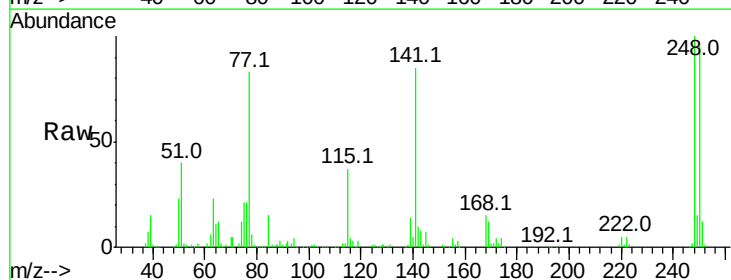
Instrument :
 BNA_F
 ClientSampleId :

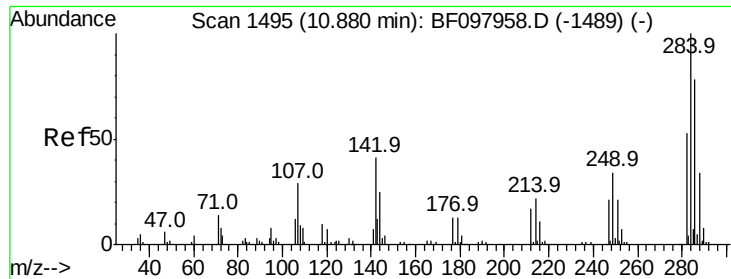
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.2	79.8
167	37.2	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.721 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.03 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.6	76.8	115.2
141	84.9	68.6	103.0





#67

Hexachlorobenzene

Concen: 40.168 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.03 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampled :

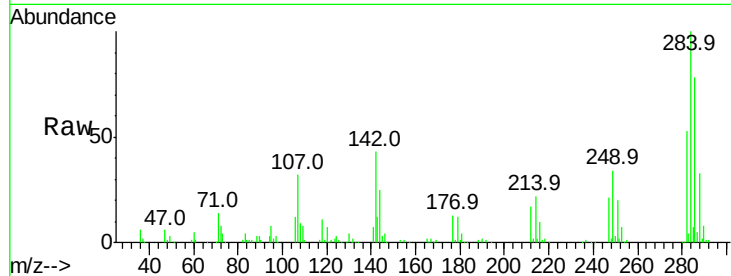
Tot Ion:284 Resp: 169034

Ion Ratio Lower Upper

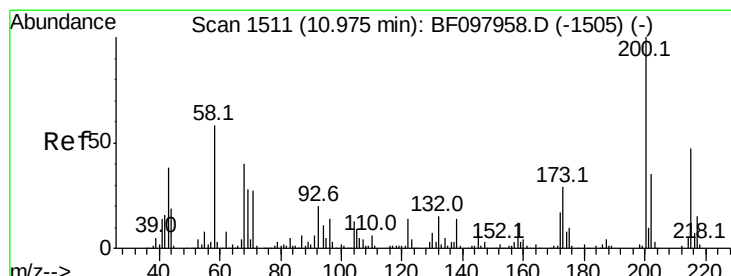
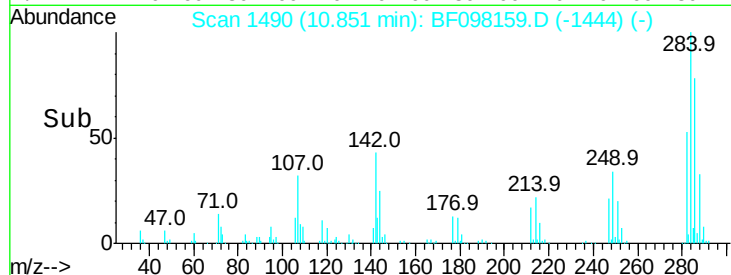
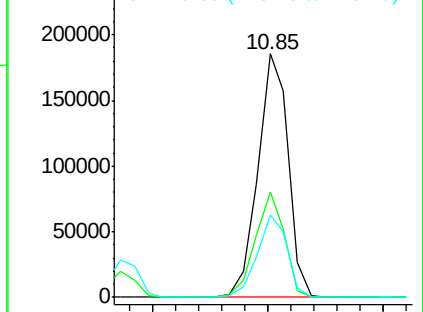
284 100

142 43.1 22.8 34.2#

249 33.8 24.0 36.0



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



#68

Atrazine

Concen: 36.291 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.03 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

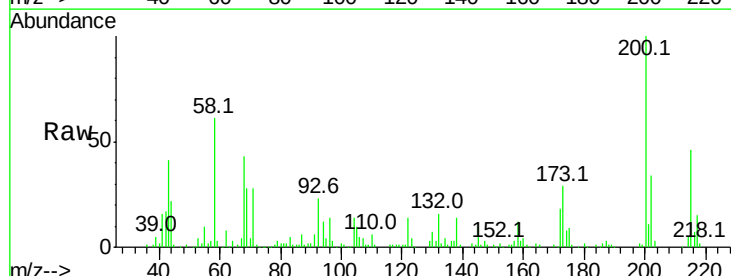
Tgt Ion:200 Resp: 130303

Ion Ratio Lower Upper

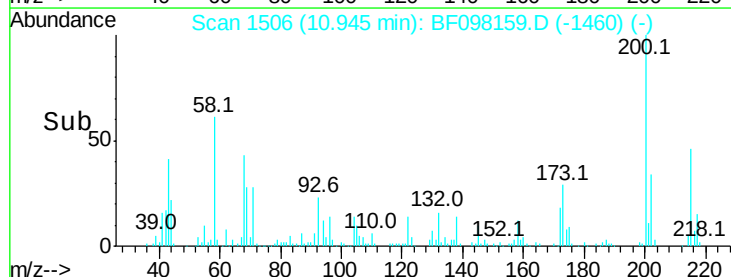
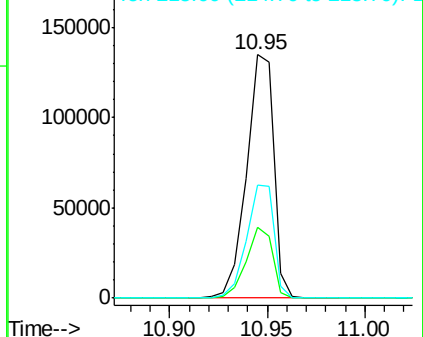
200 100

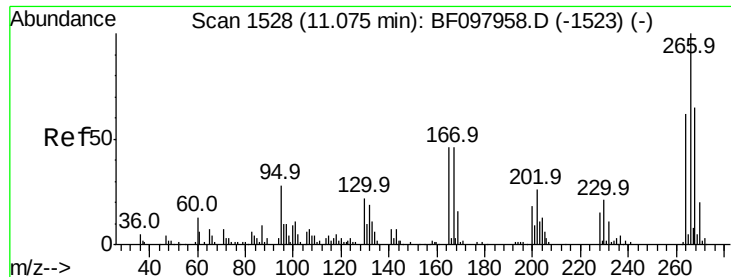
173 28.9 6.3 46.3

215 46.2 27.2 67.2



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

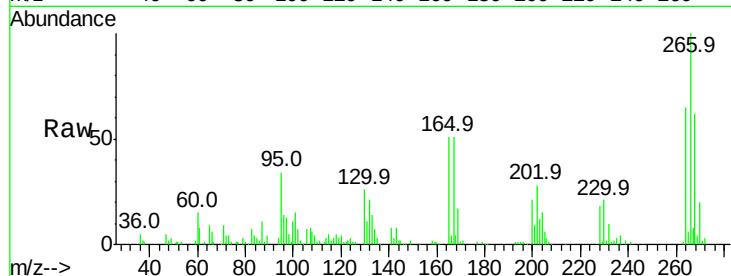




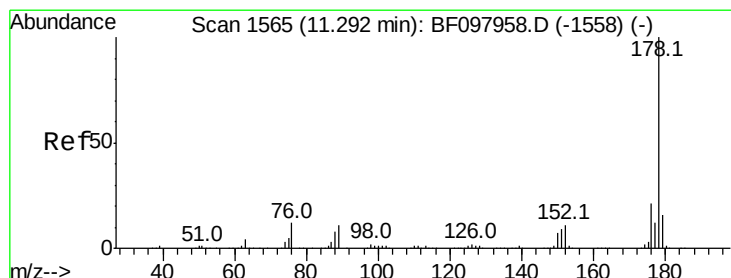
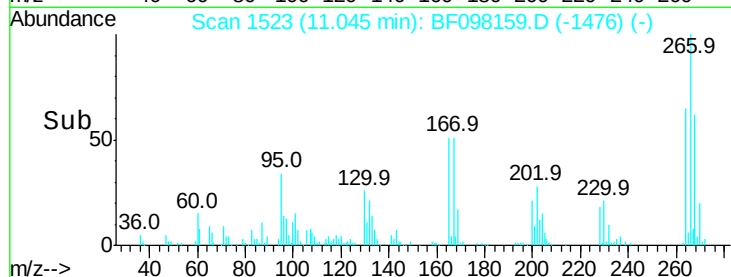
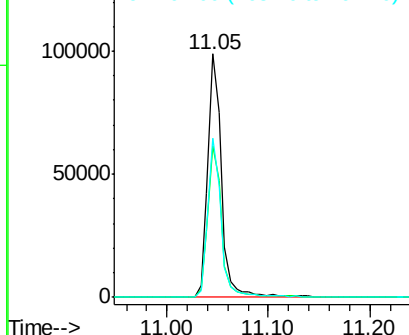
#69
 Pentachlorophenol
 Concen: 38.266 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 93889
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 65.4 51.7 77.5

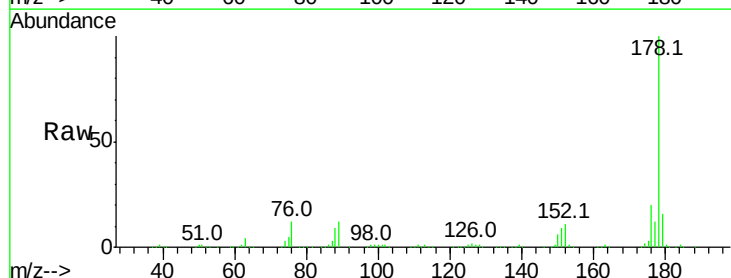


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

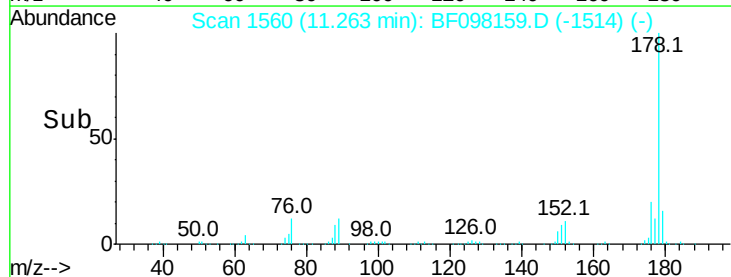
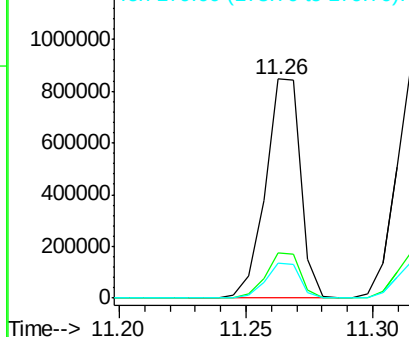


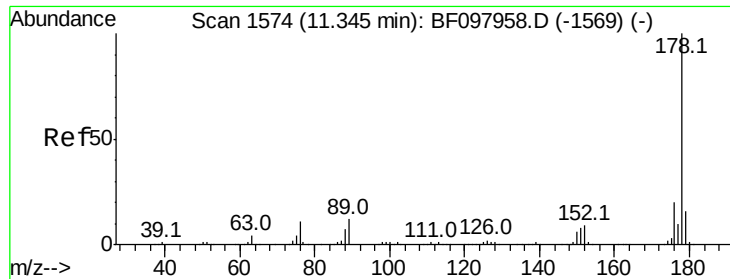
#70
 Phenanthrene
 Concen: 38.764 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.03 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion:178 Resp: 821259
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 15.8 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

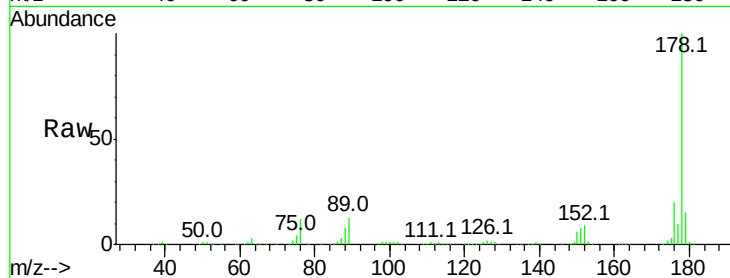




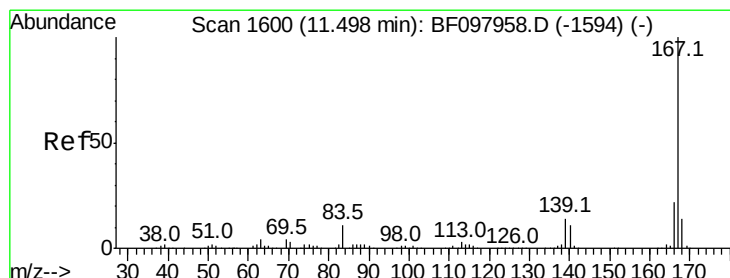
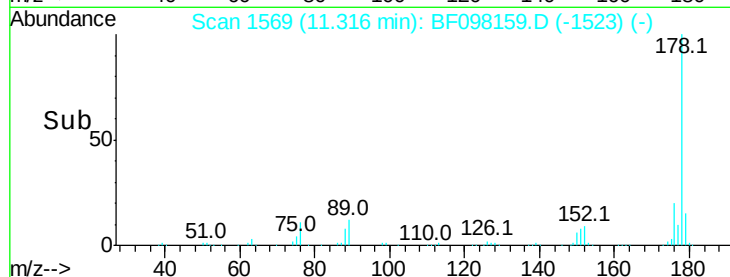
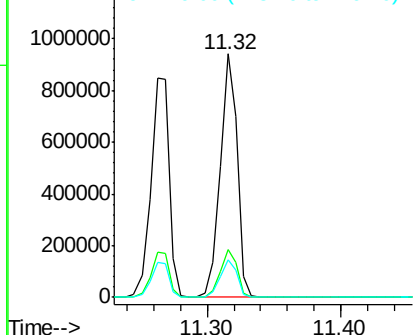
#71
 Anthracene
 Concen: 39.418 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.03 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 847014
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.4 12.7 19.1

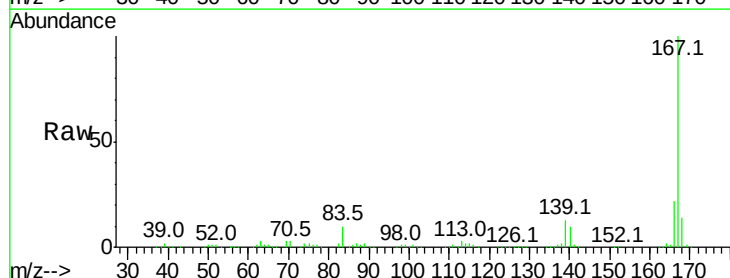


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

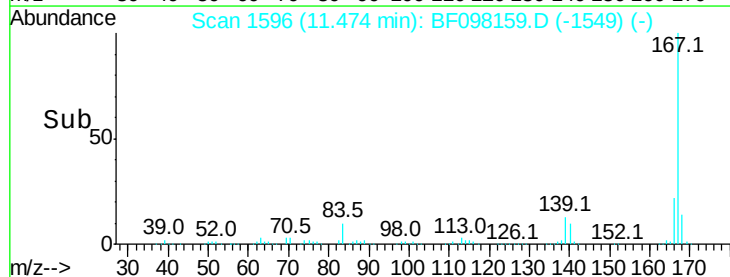
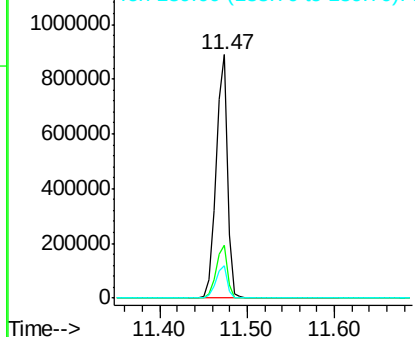


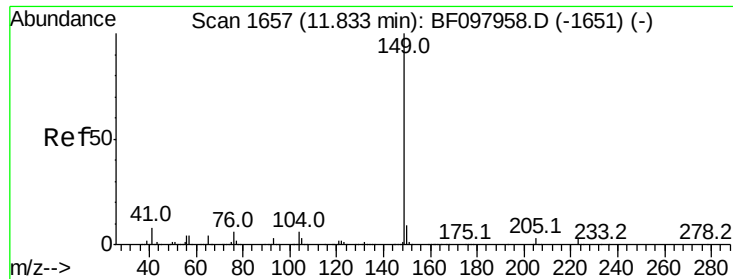
#72
 Carbazole
 Concen: 39.250 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion:167 Resp: 800579
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.2 11.7 17.5



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





#73

Di-n-butylphthalate

Concen: 41.753 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.03 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampleId :

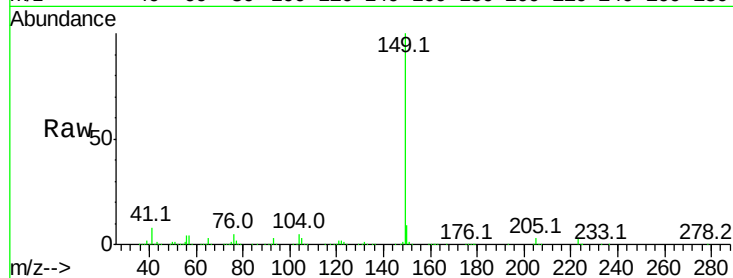
Tot Ion:149 Resp: 980948

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

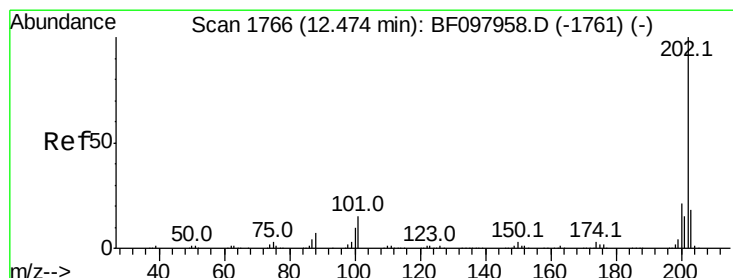
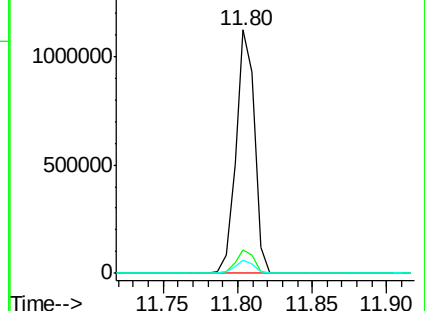
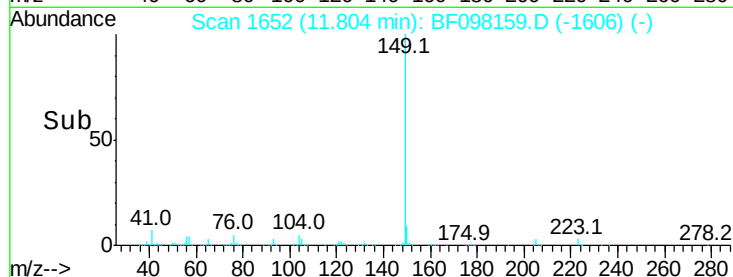
104 5.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.651 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

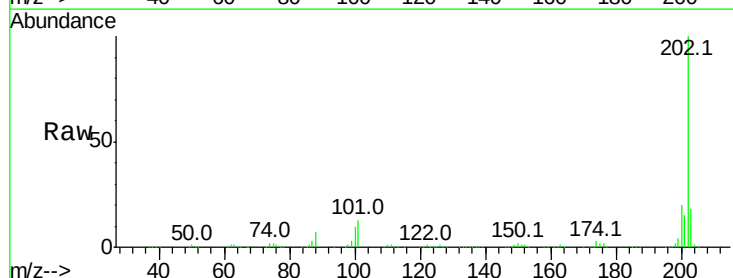
Tgt Ion:202 Resp: 876801

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

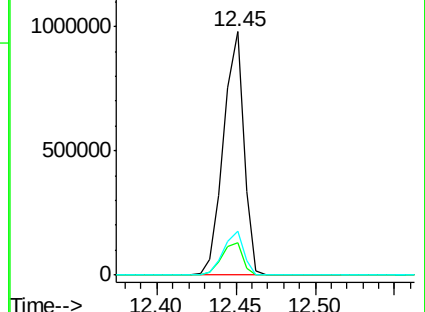
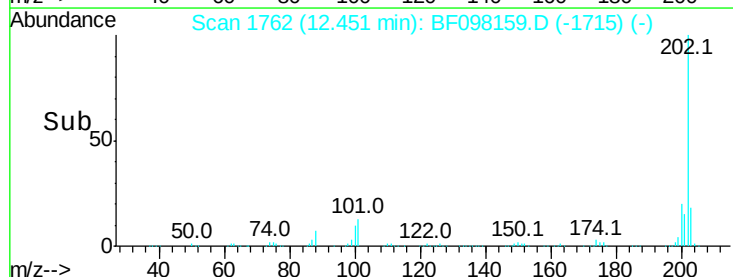
203 18.0 0.0 38.1

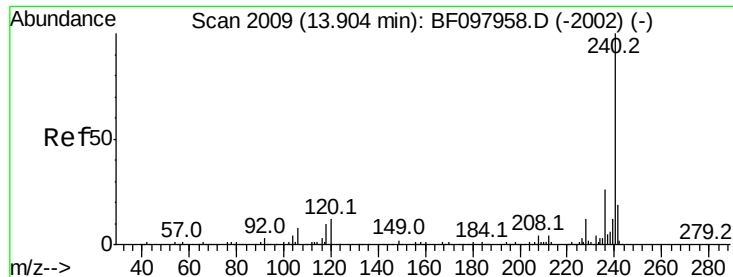


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampleID :

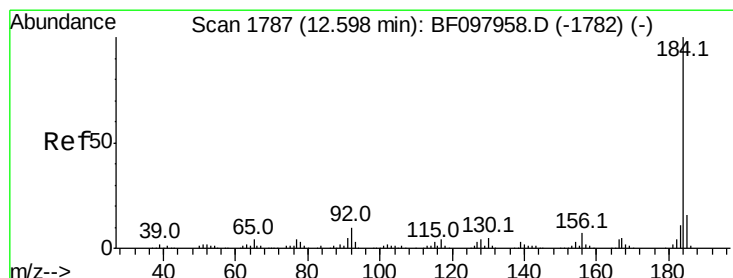
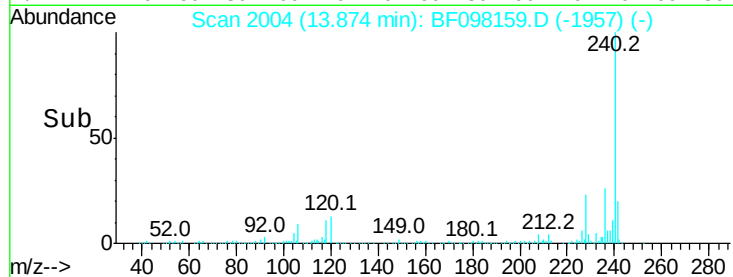
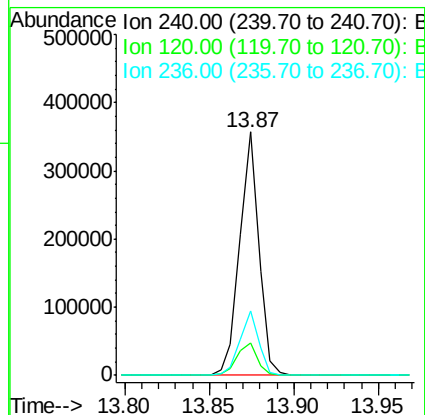
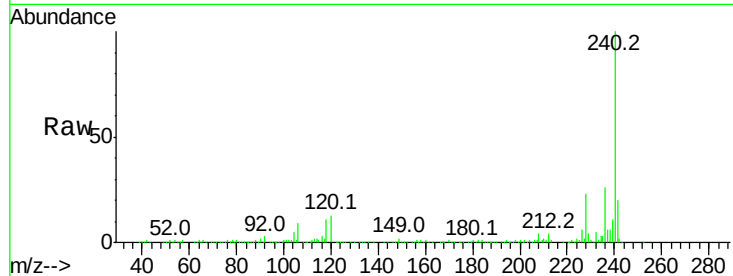
Tot Ion:240 Resp: 282552

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

236 26.3 20.5 30.7



#76

Benzidine

Concen: 52.155 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

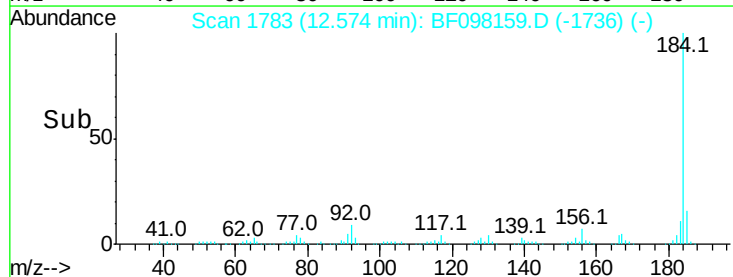
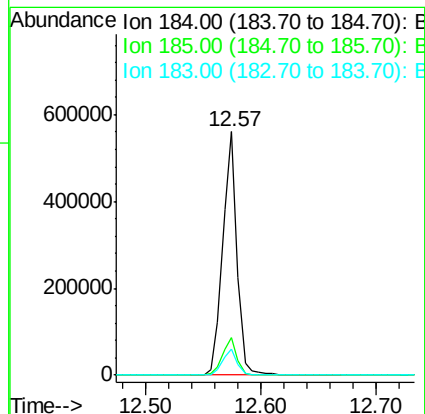
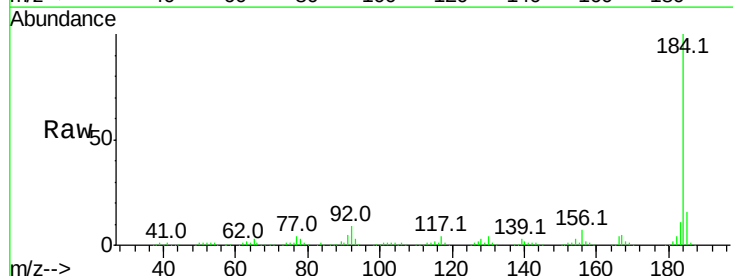
Tgt Ion:184 Resp: 483181

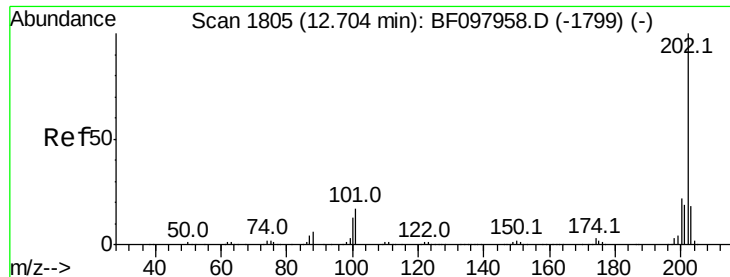
Ion Ratio Lower Upper

184 100

185 15.6 15.5 23.3

183 10.8 9.8 14.6

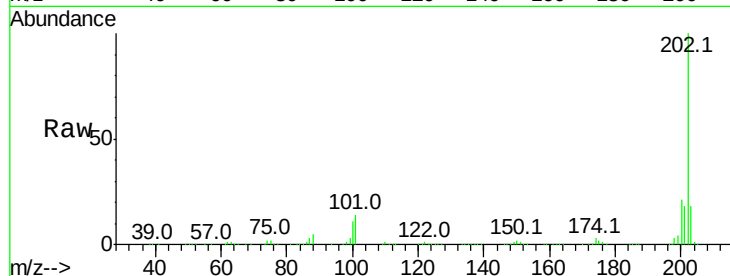




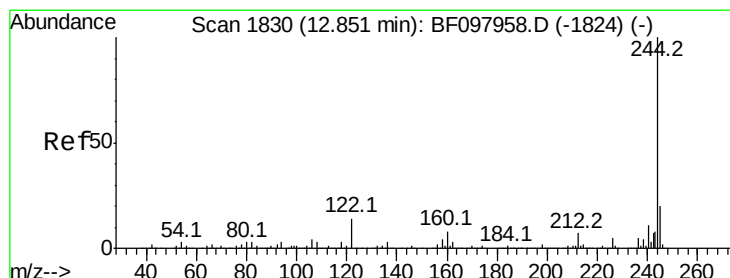
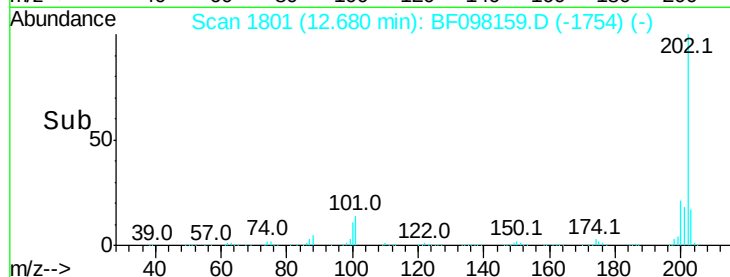
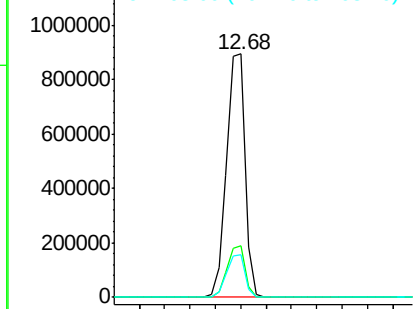
#77
Pvrene
Concen: 38.984 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 900901
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 17.6 14.4 21.6

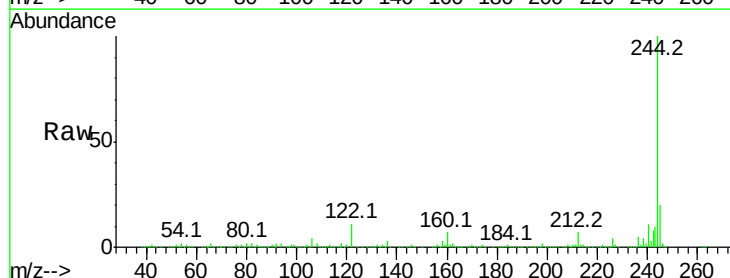


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

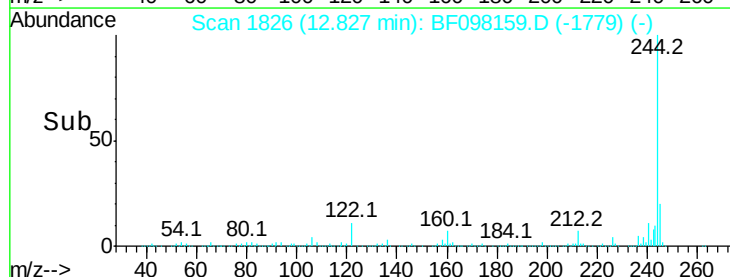
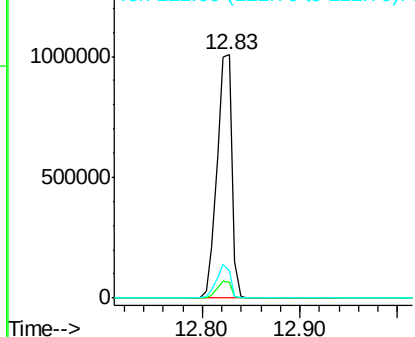


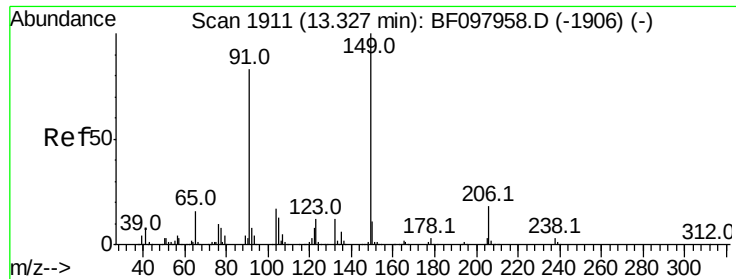
#78
Terphenyl-d14
Concen: 78.187 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

Tgt Ion:244 Resp: 1059393
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 11.2 10.3 15.5



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

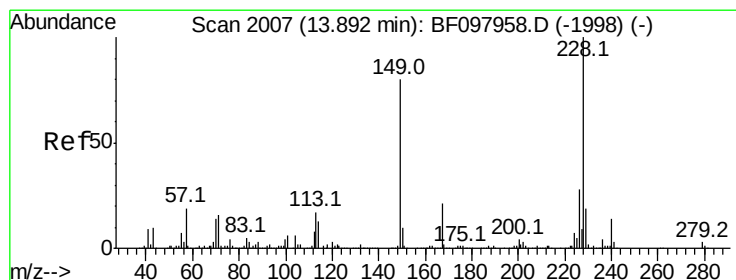
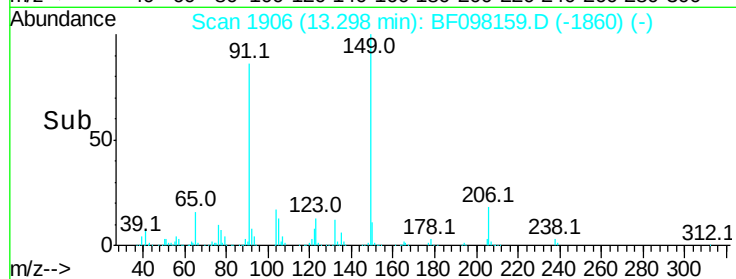
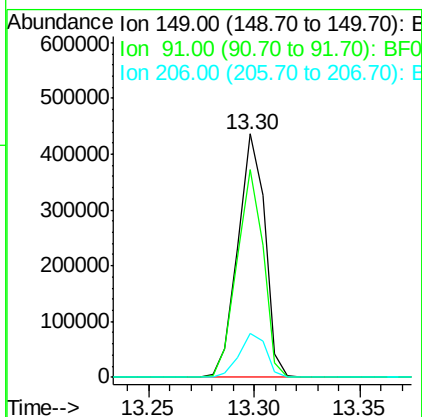
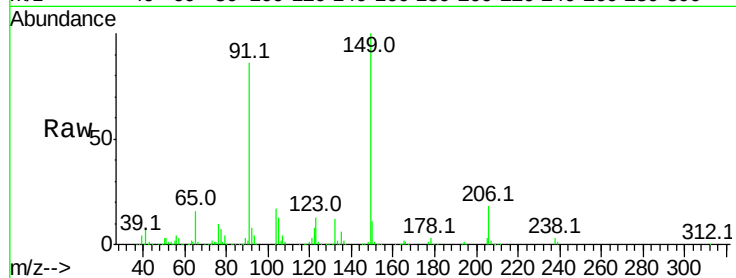




#79
Butylbenzylphthalate
Concen: 43.556 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.03 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

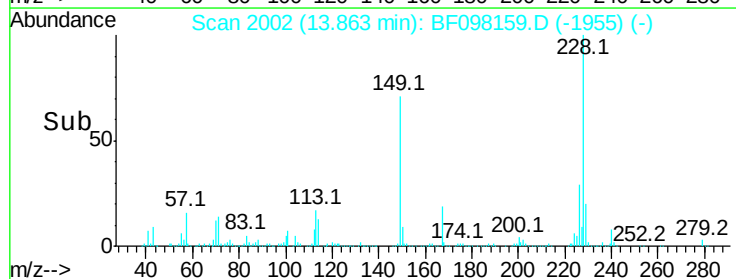
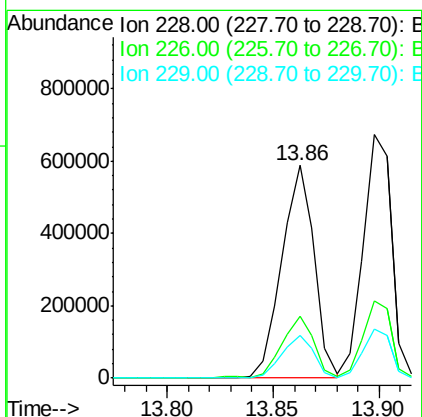
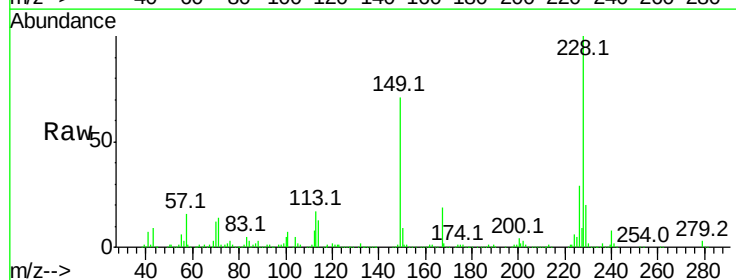
Instrument :
BNA_F
ClientSampleID :

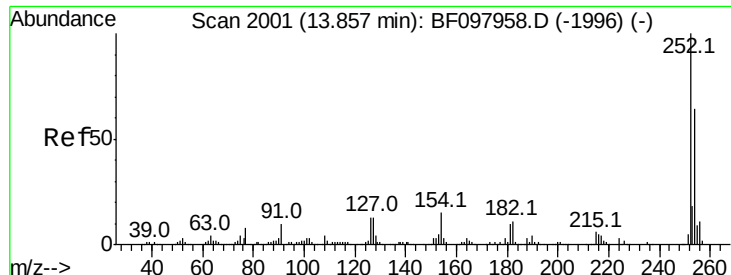
Tot Ion:149 Resp: 385912
Ion Ratio Lower Upper
149 100
91 85.6 45.0 67.4#
206 18.3 17.0 25.6



#80
Benzo(a)anthracene
Concen: 36.996 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF098159.D
Acq: 30 Aug 2017 16:43

Tgt Ion:228 Resp: 626510
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.0 16.3 24.5

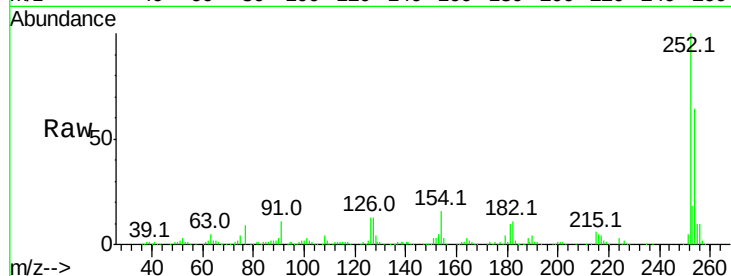




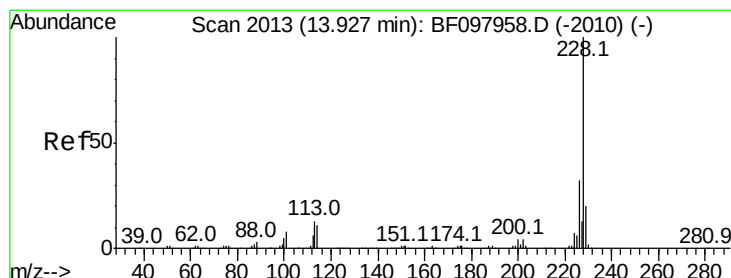
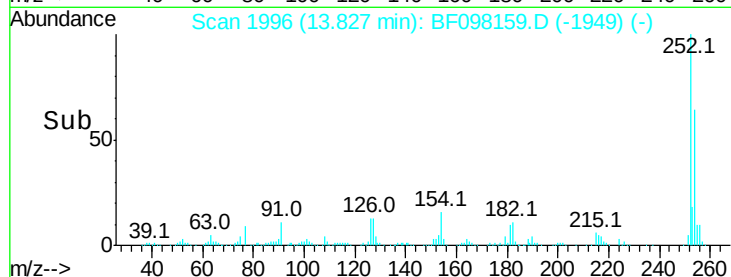
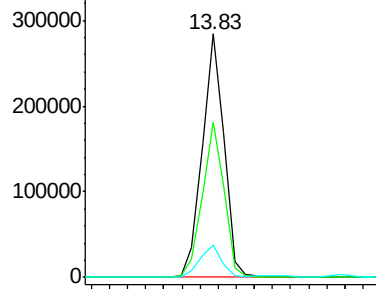
#81
 3,3'-Dichlorobenzidine
 Concen: 41.551 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	13.4	15.8	23.8#

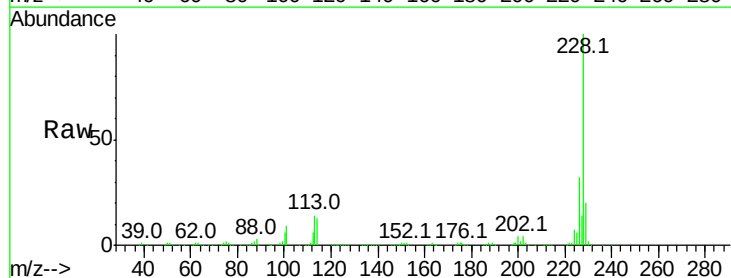


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

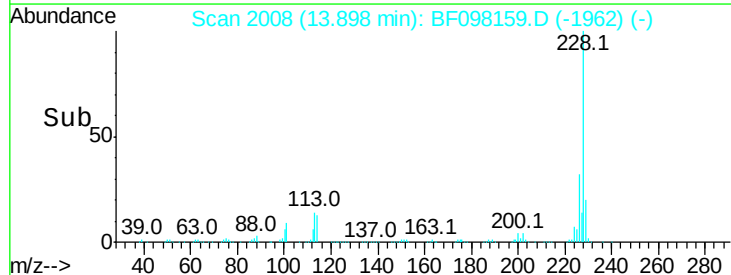
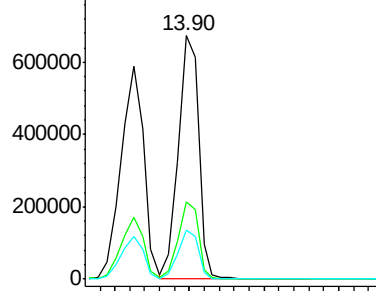


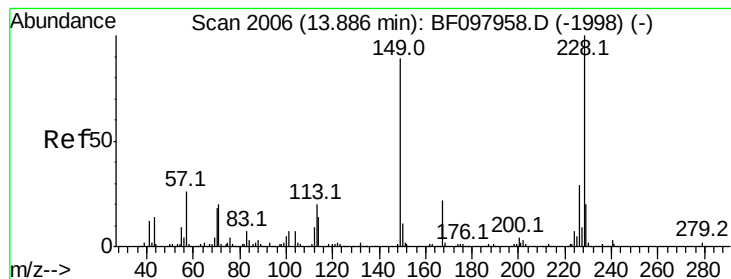
#82
 Chrysene
 Concen: 37.752 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.03 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	19.9	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.473 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.03 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampleId :

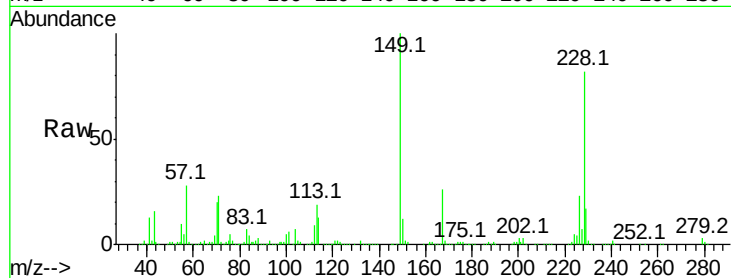
Tot Ion:149 Resp: 475910

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

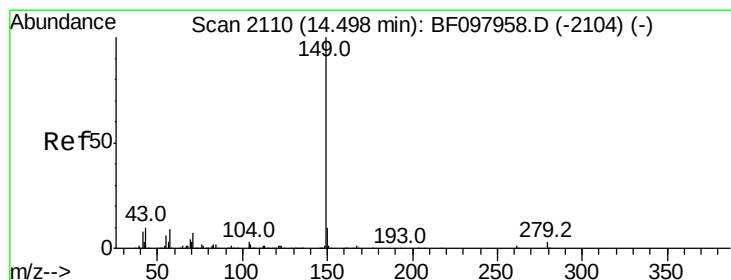
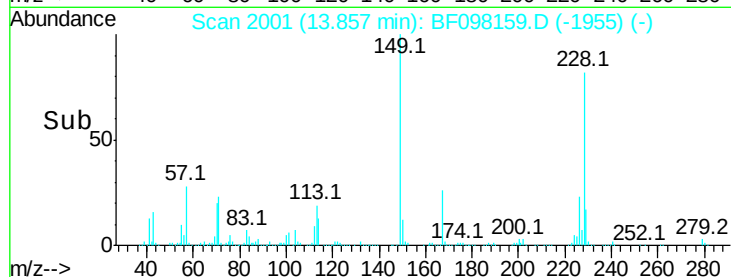
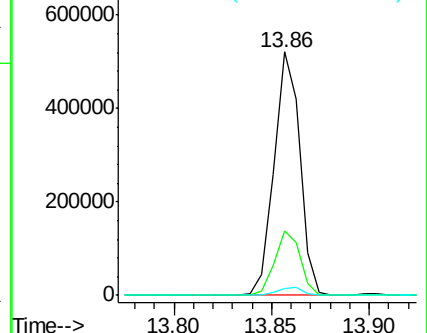
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.335 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.03 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

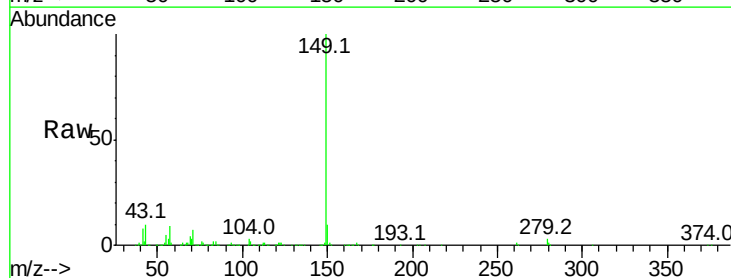
Tgt Ion:149 Resp: 842791

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

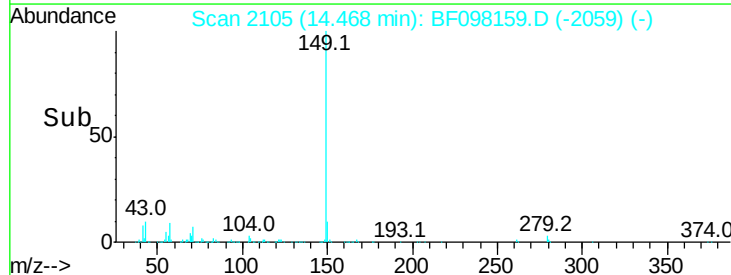
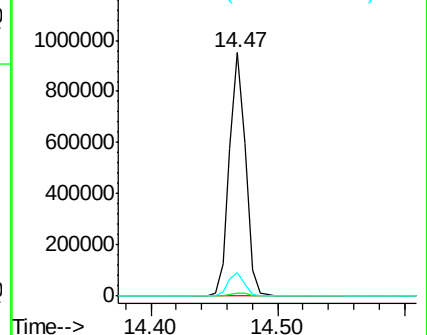
43 9.8 8.5 12.7

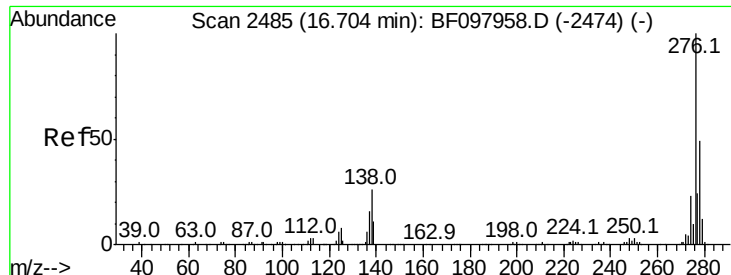


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

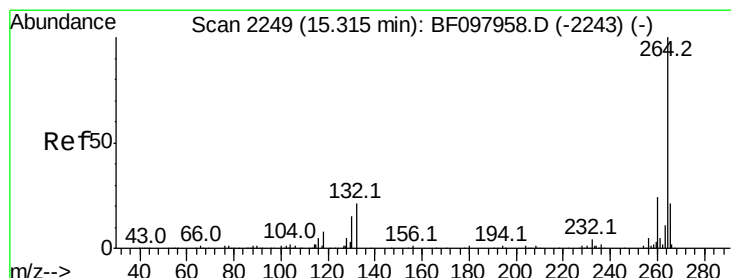
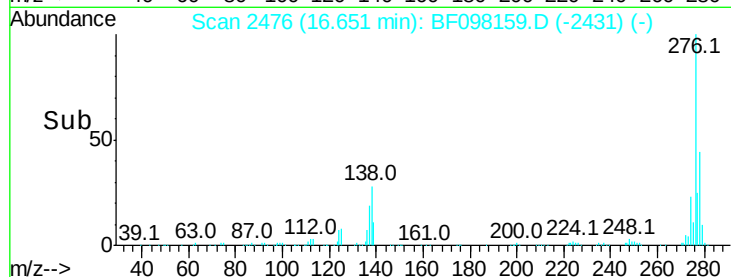
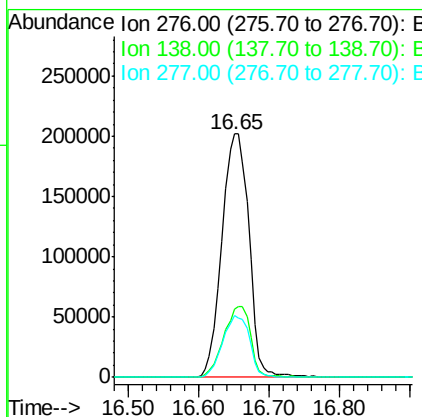
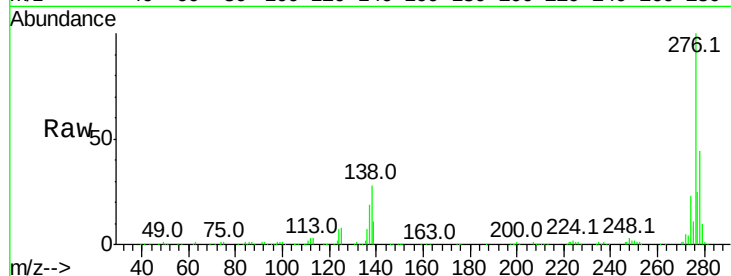




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.408 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. -0.04 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

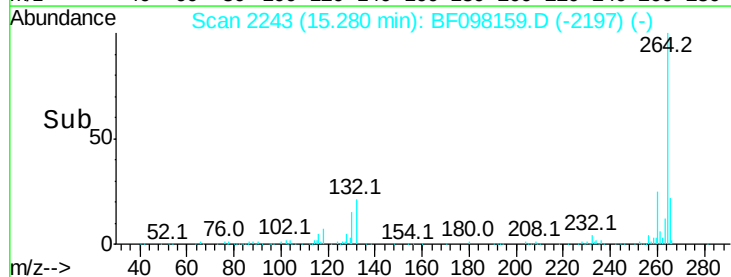
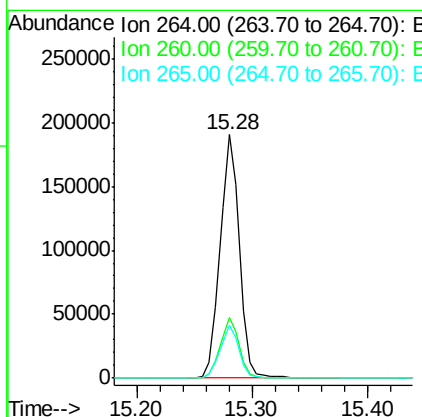
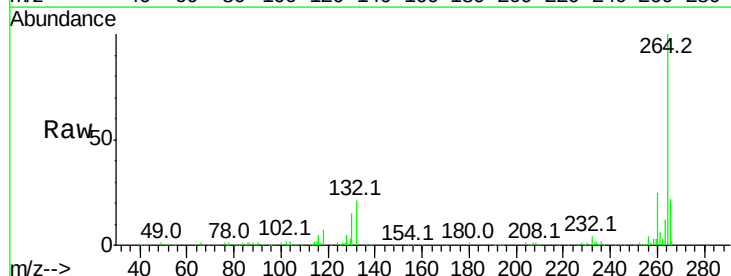
Instrument :
 BNA_F
 ClientSampleId :

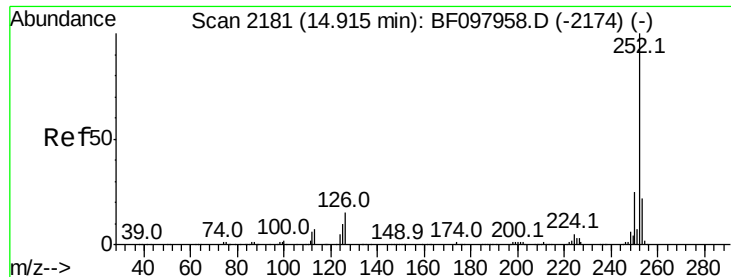
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098159.D
 Acq: 30 Aug 2017 16:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.324 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.02 min

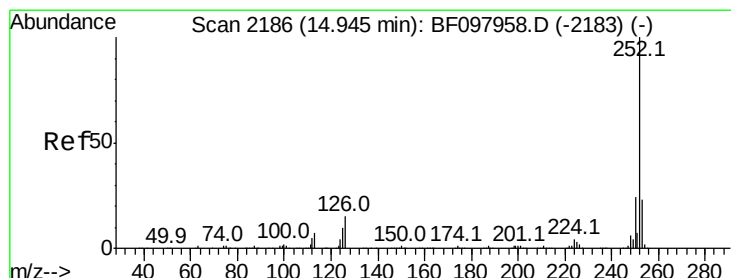
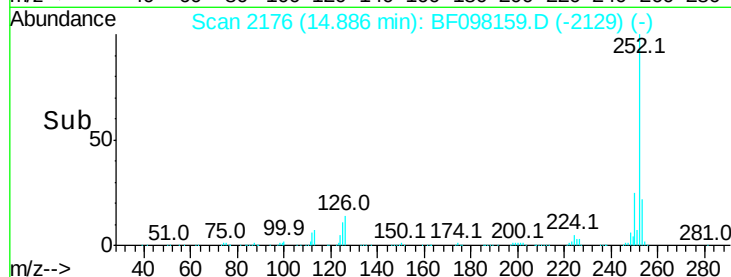
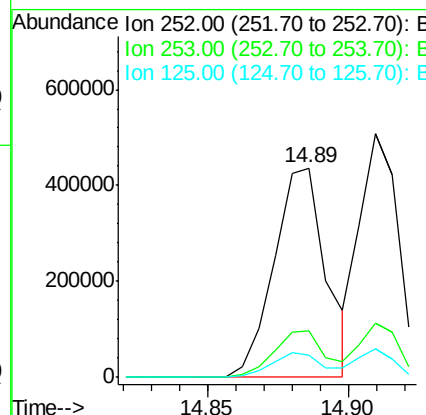
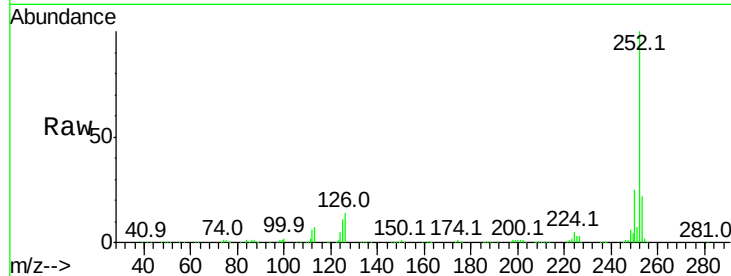
Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 557618

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.7	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 37.995 ng

RT: 14.91 min Scan# 2180

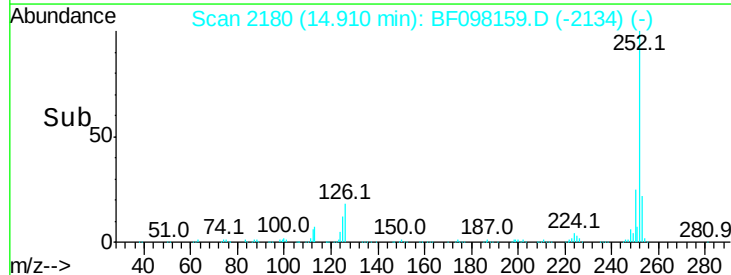
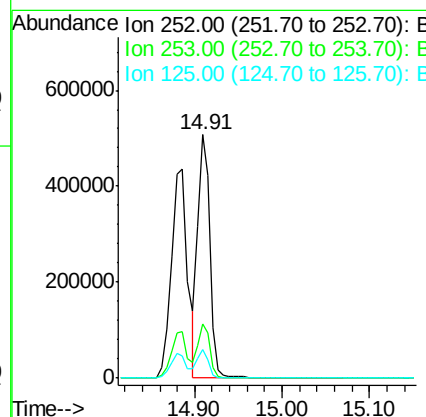
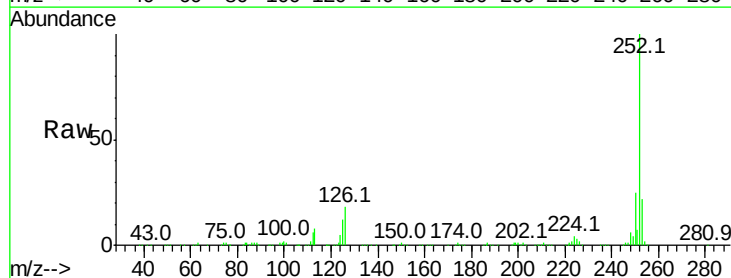
Delta R.T. -0.03 min

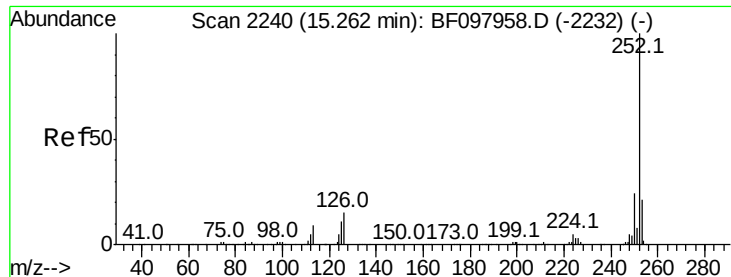
Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Tgt Ion:252 Resp: 493629

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	11.9	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 40.464 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.03 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampleId :

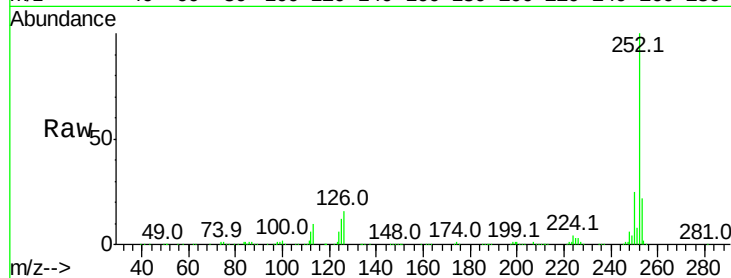
Tot Ion:252 Resp: 495357

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

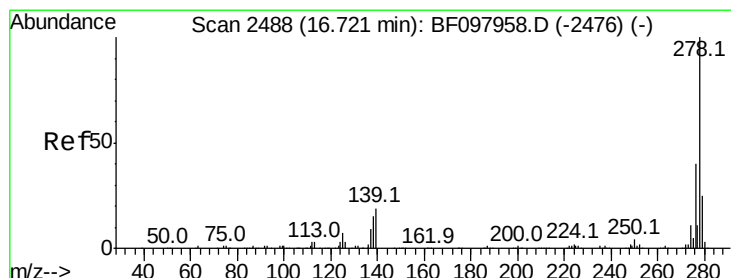
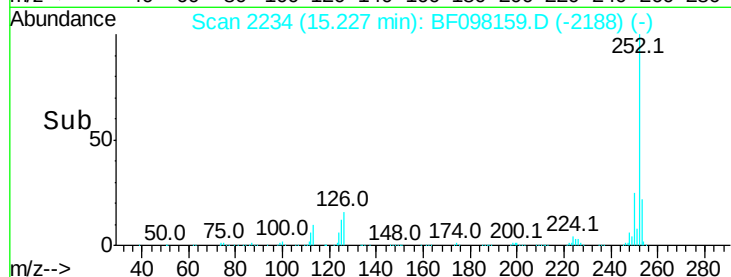
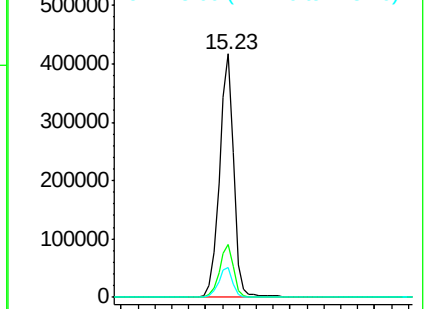
125 12.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.304 ng

RT: 16.67 min Scan# 2479

Delta R.T. -0.04 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

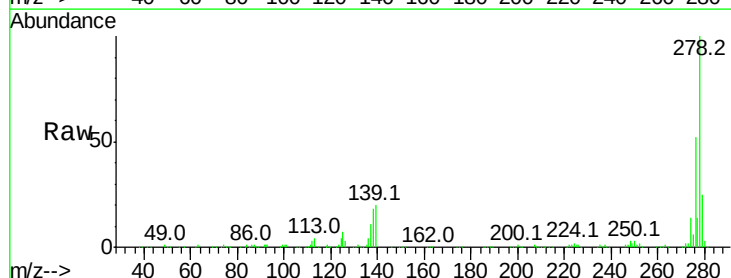
Tgt Ion:278 Resp: 461484

Ion Ratio Lower Upper

278 100

139 19.9 16.6 24.8

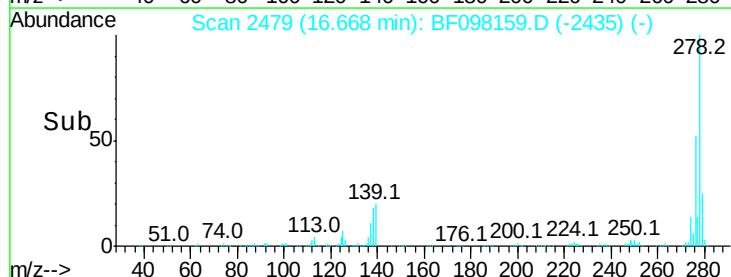
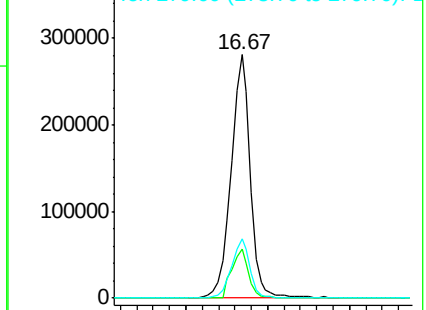
279 24.5 19.3 28.9

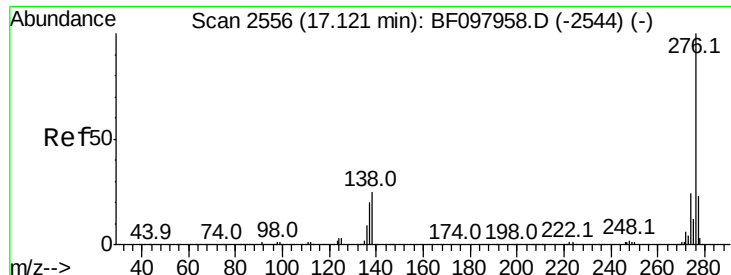


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 46.123 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.04 min

Lab File: BF098159.D

Acq: 30 Aug 2017 16:43

Instrument :

BNA_F

ClientSampleId :

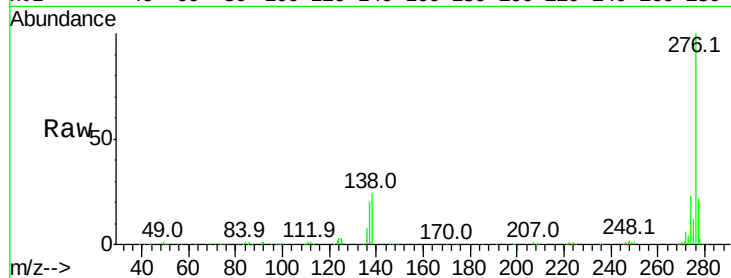
Tot Ion:276 Resp: 479640

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 24.0 25.4 38.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

