

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094397.D
 Acq On : 13 Apr 2017 18:23
 Operator : SJ/MA
 Sample : I2670-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:47:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	513500	20.00	ng	0.07
21) Naphthalene-d8	10.95	136	7154	20.00	ng	0.10
38) Acenaphthene-d10	14.78	164	11848	20.00	ng	0.12
63) Phenanthrene-d10	17.43	188	880	20.00	ng	0.04
75) Chrysene-d12	0.00	240	0	0.00	ng	-21.64
86) Perylene-d12	0.00	264	0	0.00	ng	-24.82

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	17929	0.62	ng	0.11
7) Phenol-d6	7.32	99	9070	0.23	ng	0.11
23) Nitrobenzene-d5	9.43	82	26855	225.71	ng	0.22
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.43	172	1692	2.00	ng	0.15
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

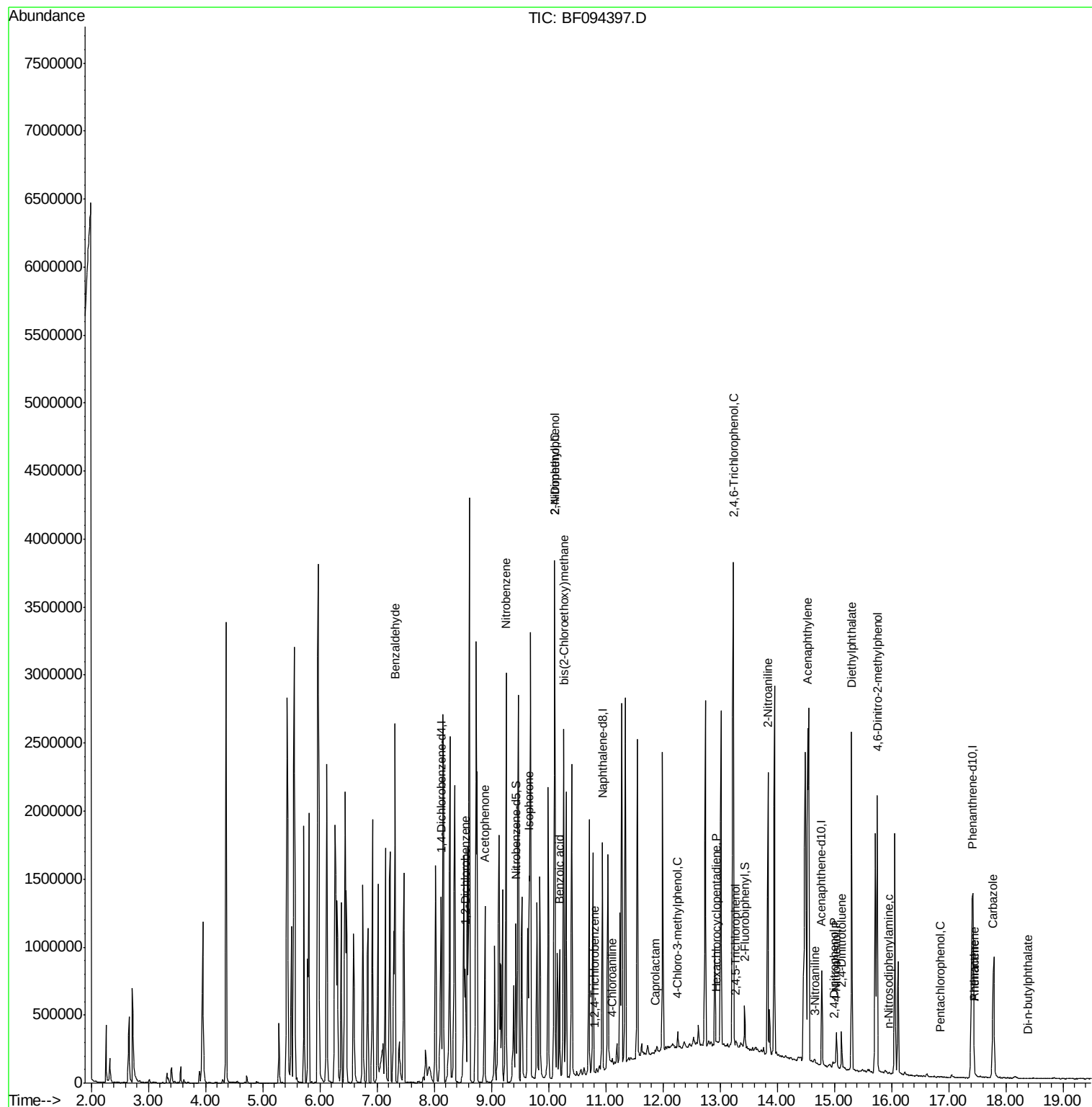
						Qvalue
9) Benzaldehyde	7.32	77	52933	2.02	ng	# 11
14) 1,2-Dichlorobenzene	8.54	146	99598	2.65	ng	# 21
22) Acetophenone	8.89	105	2703	16.43	ng	# 1
24) Nitrobenzene	9.26	77	21304	181.35	ng	# 80
25) Isophorone	9.66	82	6870	30.64	ng	# 67
26) 2-Nitrophenol	10.11	139	106675	1745.12	ng	# 47
27) 2,4-Dimethylphenol	10.10	122	2937	29.27	ng	# 8
28) bis(2-Chloroethoxy)methane	10.27	93	7706	52.90	ng	# 75
30) 1,2,4-Trichlorobenzene	10.81	180	844	7.40	ng	# 25
32) Benzoic acid	10.19	122	7953	103.01	ng	# 1
33) 4-Chloroaniline	11.10	127	306	2.08	ng	# 20
35) Caprolactam	11.87	113	1004	25.11	ng	# 1
36) 4-Chloro-3-methylphenol	12.25	107	581	5.35	ng	# 63
40) Hexachlorocyclopentadiene	12.93	237	1189	6.34	ng	# 82
42) 2,4,6-Trichlorophenol	13.23	196	6653	28.50	ng	# 1
43) 2,4,5-Trichlorophenol	13.27	196	628	2.43	ng	# 1
47) 2-Nitroaniline	13.83	65	78482	385.10	ng	# 47
48) Acenaphthylene	14.53	152	5655	4.53	ng	# 1
52) 3-Nitroaniline	14.66	138	1031	4.49	ng	# 37
53) 2,4-Dinitrophenol	14.99	184	284	2.35	ng	# 91
55) 4-Nitrophenol	15.03	139	1222	6.49	ng	# 34
56) 2,4-Dinitrotoluene	15.13	165	607	2.07	ng	# 59
59) Diethylphthalate	15.30	149	1024975	1121.35	ng	# 64
64) 4,6-Dinitro-2-methylphenol	15.75	198	6944	1251.60	ng	# 91
65) n-Nitrosodiphenylamine	15.94	169	606	23.46	ng	# 72
69) Pentachlorophenol	16.85	266	145	23.08	ng	# 20
70) Phenanthrene	17.45	178	106	2.24	ng	# 56
71) Anthracene	17.45	178	106	2.20	ng	# 58
72) Carbazole	17.77	167	385	7.76	ng	# 55
73) Di-n-butylphthalate	18.39	149	440	8.63	ng	# 73

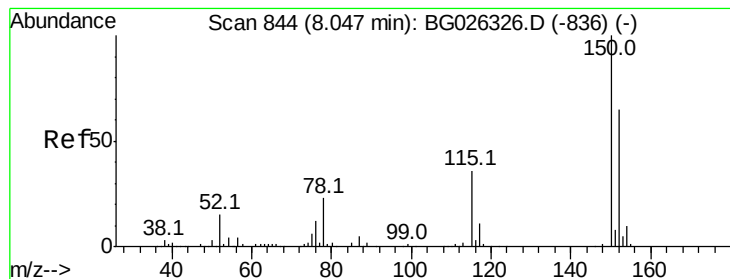
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.07 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampled :

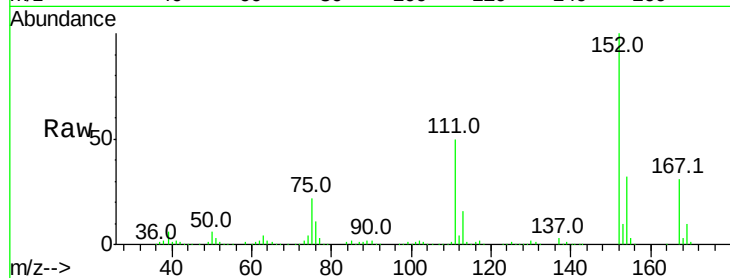
Tot Ion:152 Resp: 513500

Ion Ratio Lower Upper

152 100

150 0.0 114.0 171.0#

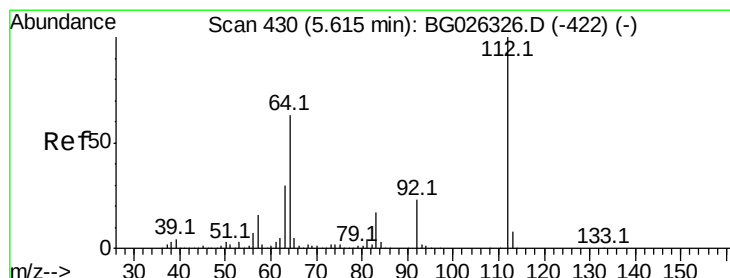
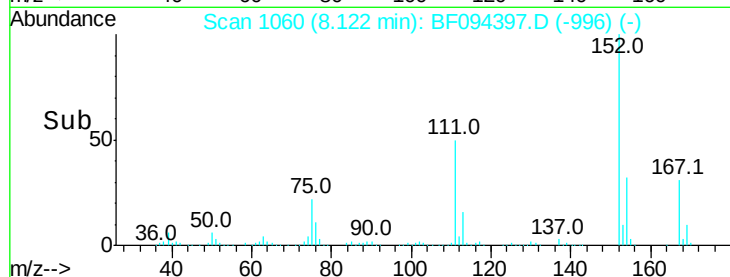
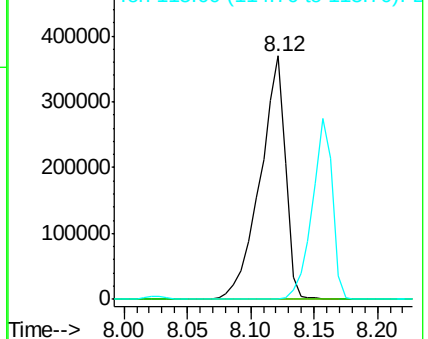
115 0.3 48.1 72.1#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 0.62 ng

RT: 5.72 min Scan# 652

Delta R.T. 0.11 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

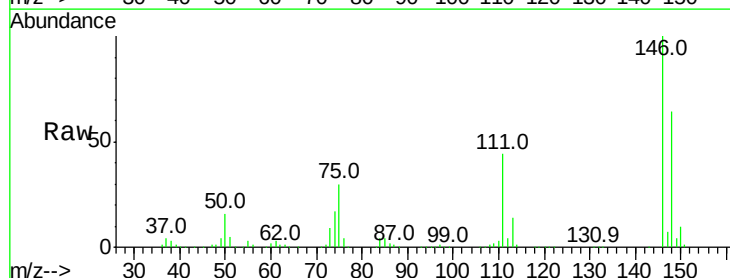
Tgt Ion:112 Resp: 17929

Ion Ratio Lower Upper

112 100

64 3.3 61.8 92.6#

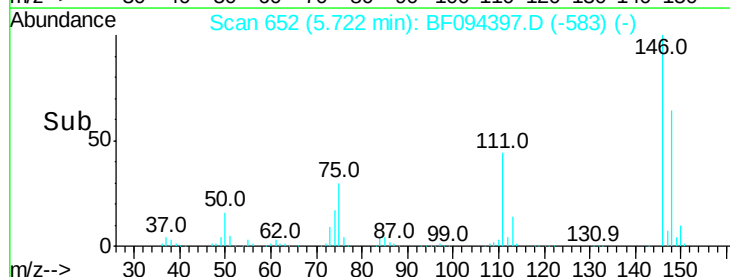
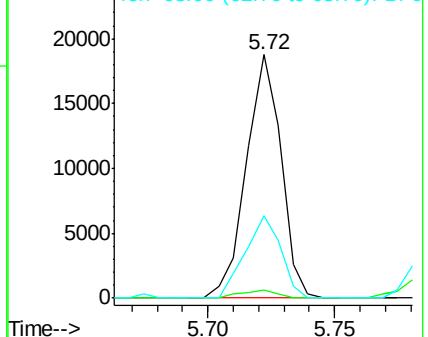
63 33.8 37.2 55.8#

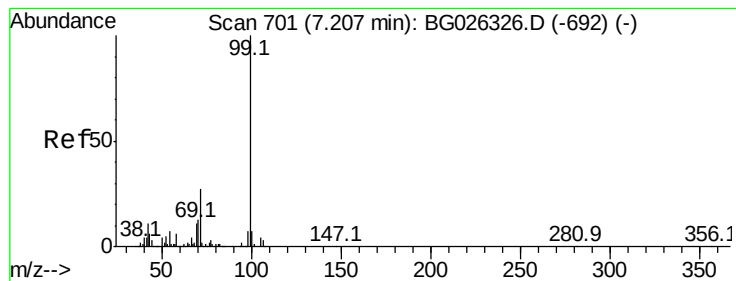


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.23 ng

RT: 7.32 min Scan# 923

Delta R.T. 0.11 min

Lab File: BF094397.D

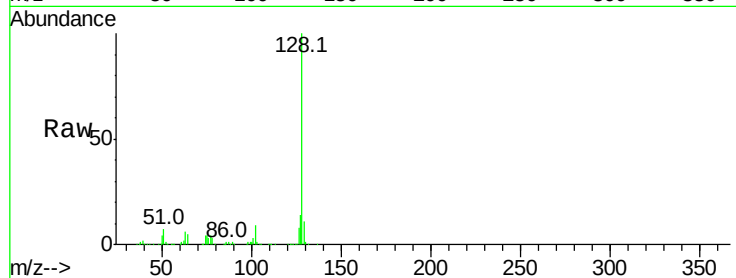
Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampled :

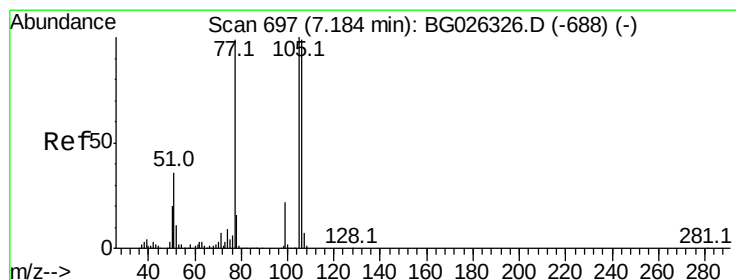
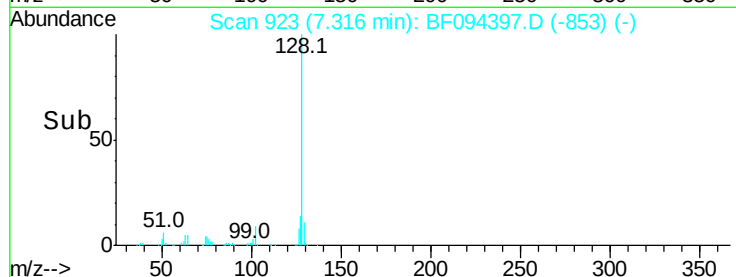
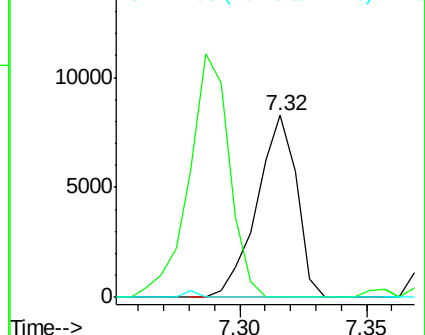
Tot Ion:	99	Resp:	9070
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.5	30.7#
71	0.0	37.6	56.4#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.02 ng

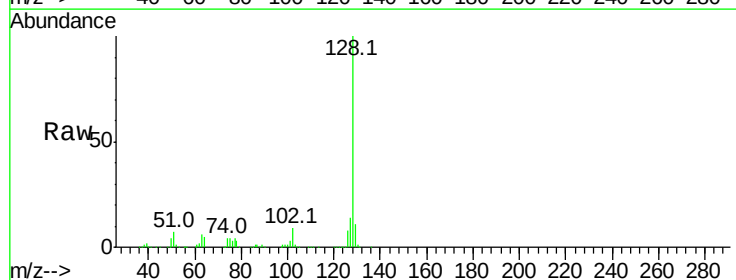
RT: 7.32 min Scan# 923

Delta R.T. 0.13 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

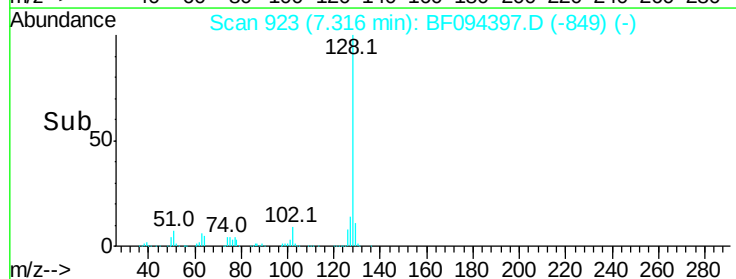
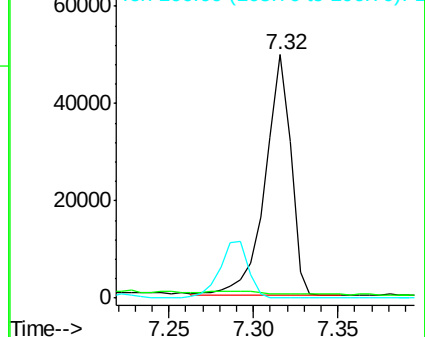
Tgt Ion:	77	Resp:	52933
Ion	Ratio	Lower	Upper
77	100		
105	1.9	60.9	100.9#
106	0.0	55.1	95.1#

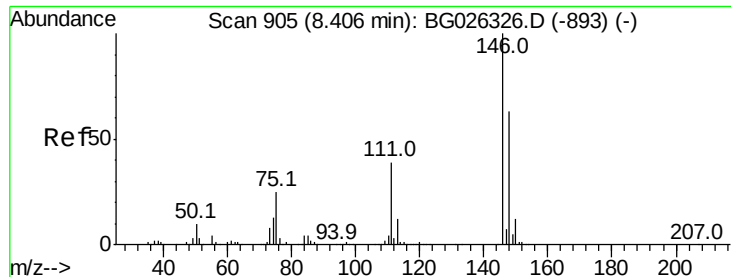


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0





#14

1,2-Dichlorobenzene

Concen: 2.65 ng

RT: 8.54 min Scan# 1131

Delta R.T. 0.13 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

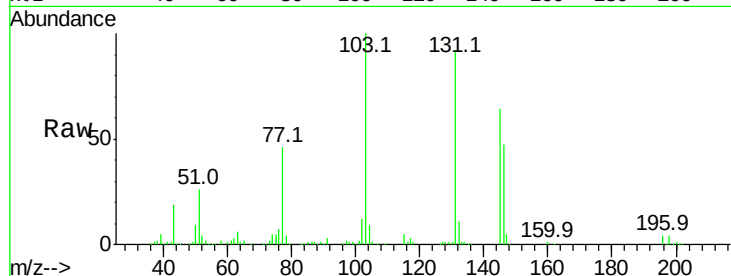
Tot Ion:146 Resp: 99598

Ion Ratio Lower Upper

146 100

148 0.7 54.6 81.8#

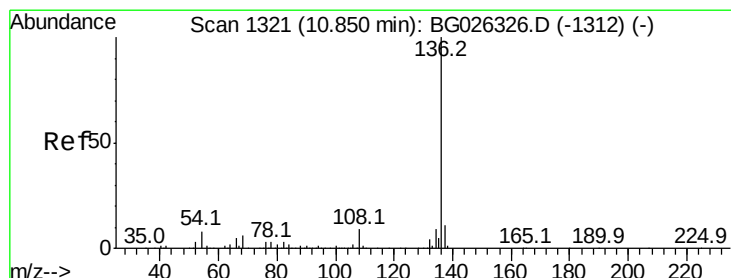
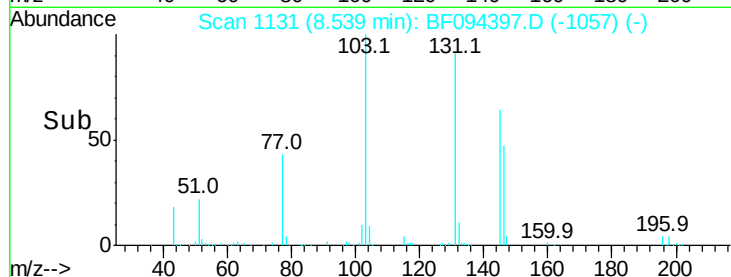
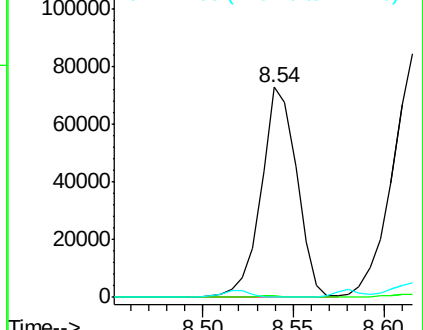
111 0.0 39.7 59.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1540

Delta R.T. 0.10 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Tgt Ion:136 Resp: 7154

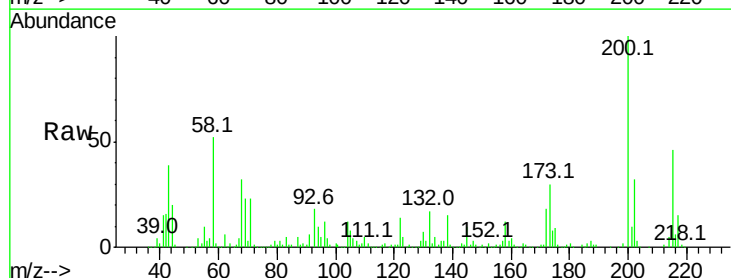
Ion Ratio Lower Upper

136 100

137 96.2 8.9 13.3#

54 66.6 9.3 13.9#

68 1155.1 5.1 7.7#

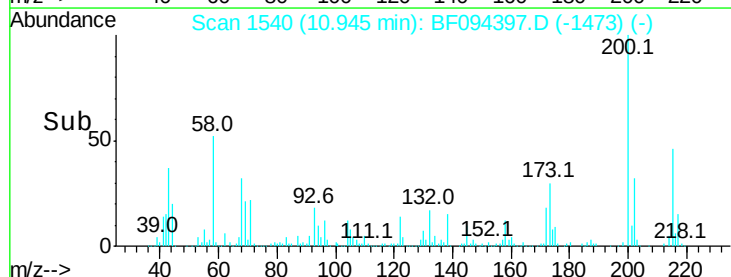
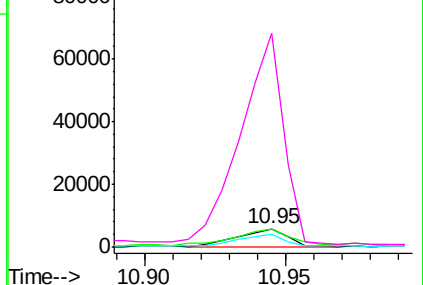


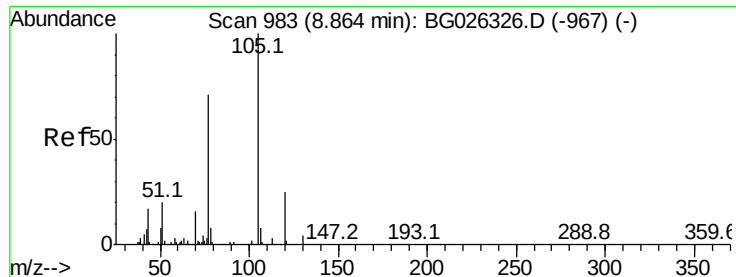
Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.43 ng

RT: 8.89 min Scan# 1190

Delta R.T. 0.02 min

Lab File: BF094397.D

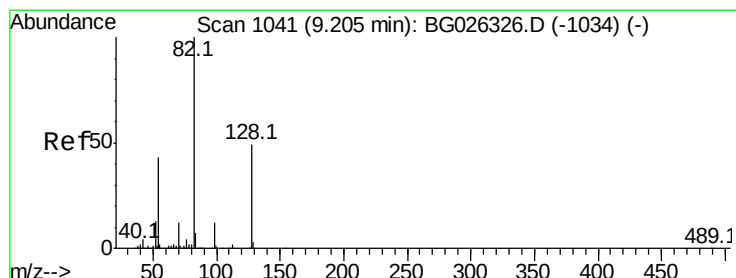
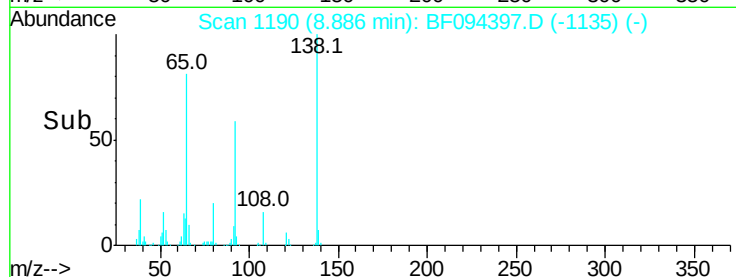
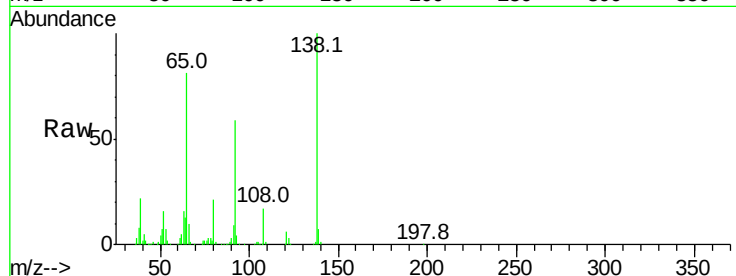
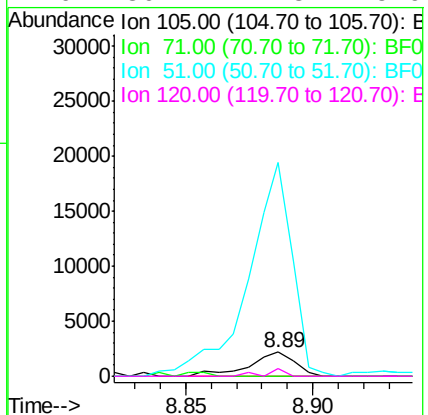
Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	105	Resp:	2703
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	896.0	34.0	51.0#
120	30.1	17.3	25.9#



#23

Nitrobenzene-d5

Concen: 225.71 ng

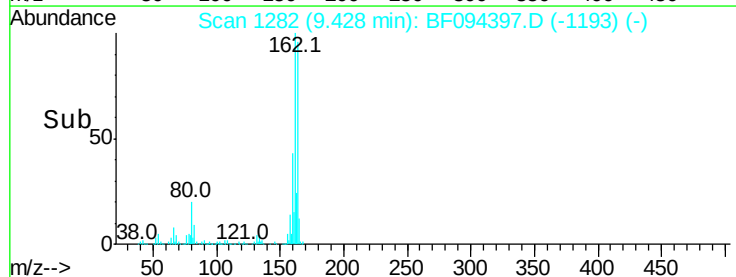
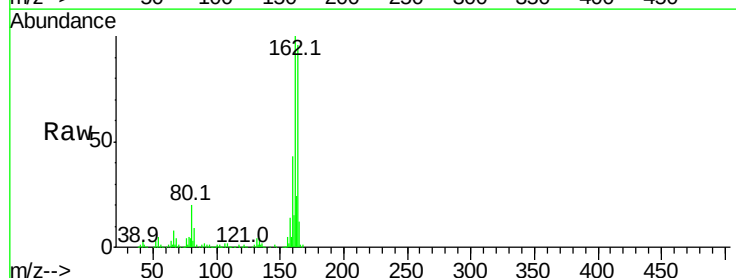
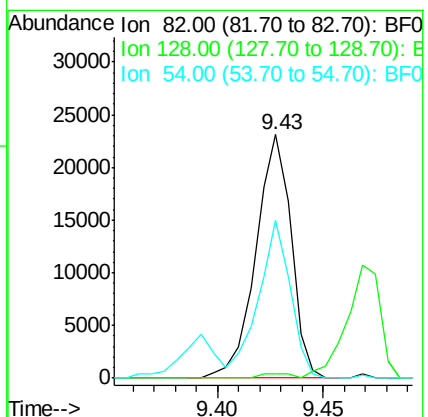
RT: 9.43 min Scan# 1282

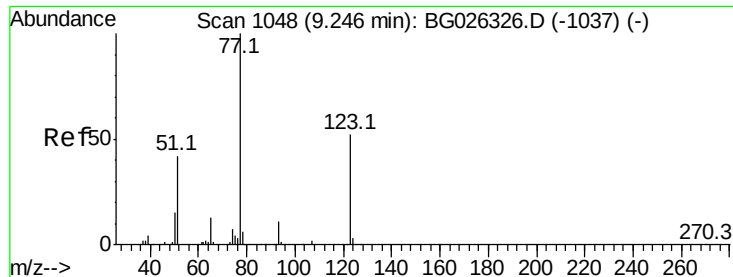
Delta R.T. 0.22 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Tgt Ion:	82	Resp:	26855
Ion	Ratio	Lower	Upper
82	100		
128	1.5	26.4	39.6#
54	64.6	49.4	74.2

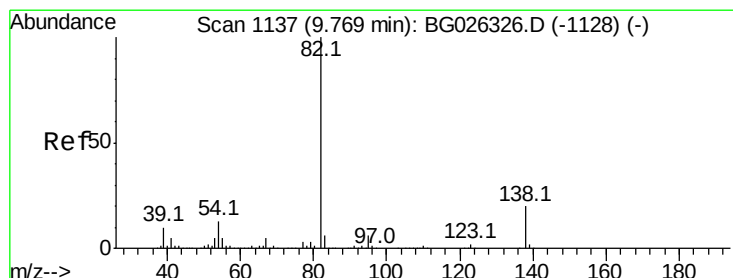
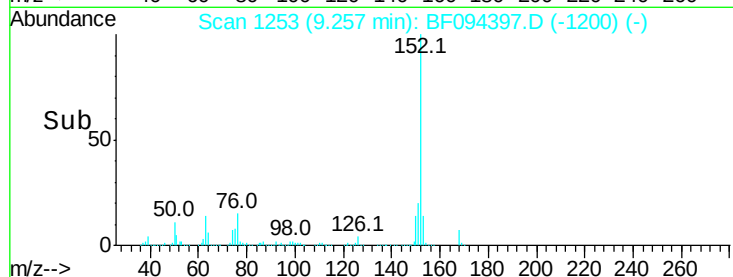
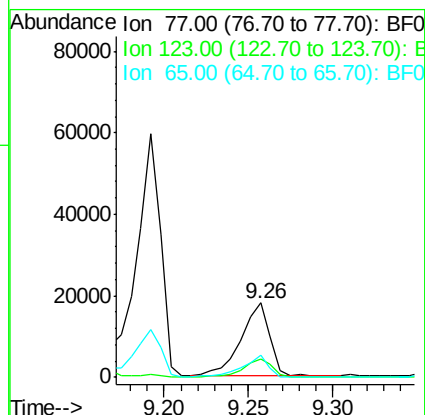
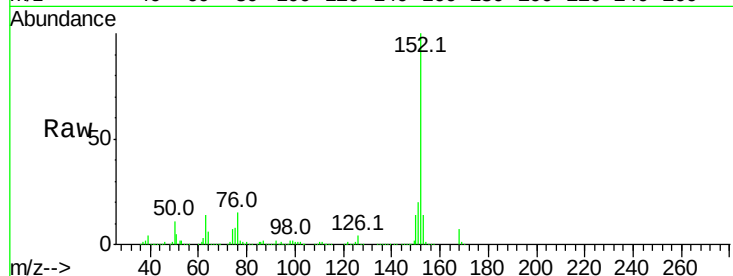




#24
 Nitrobenzene
 Concen: 181.35 ng
 RT: 9.26 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BF094397.D
 Acq: 13 Apr 2017 18:23

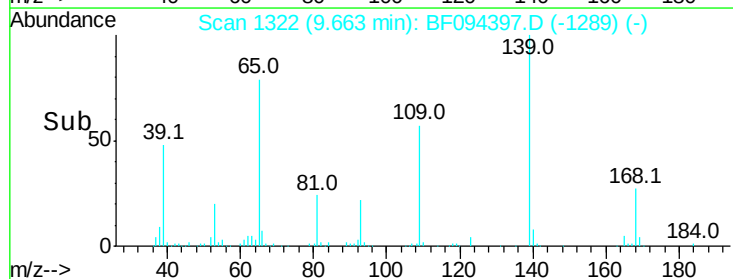
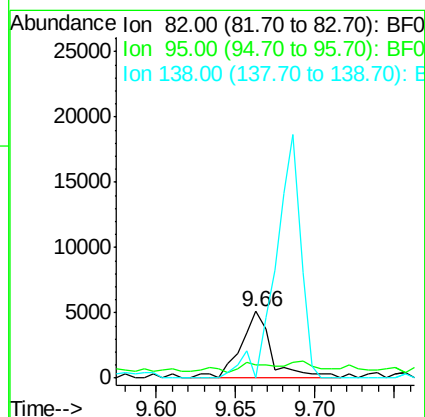
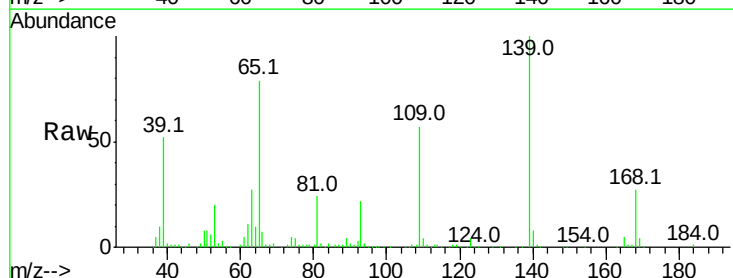
Instrument :
 BNA_F
 ClientSampleId :

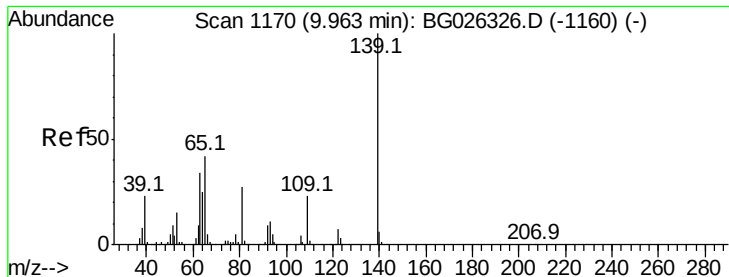
Tot Ion: 77 Resp: 21304
 Ion Ratio Lower Upper
 77 100
 123 24.5 26.1 39.1#
 65 29.3 12.4 18.6#



#25
 Isophorone
 Concen: 30.64 ng
 RT: 9.66 min Scan# 1322
 Delta R.T. -0.11 min
 Lab File: BF094397.D
 Acq: 13 Apr 2017 18:23

Tgt Ion: 82 Resp: 6870
 Ion Ratio Lower Upper
 82 100
 95 19.4 7.5 11.3#
 138 0.0 12.3 18.5#





#26

2-Nitrophenol

Concen: 1745.12 ng

RT: 10.11 min Scan# 1398

Delta R.T. 0.15 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampled :

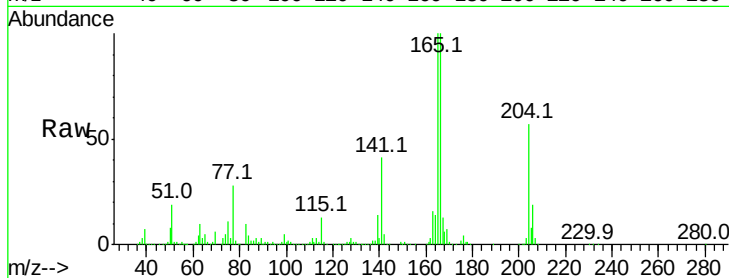
Tot Ion:139 Resp: 106675

Ion Ratio Lower Upper

139 100

109 3.1 38.6 58.0#

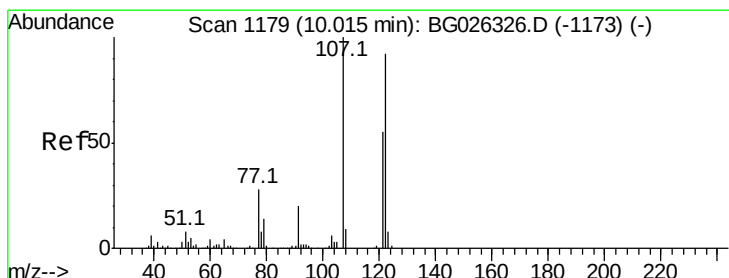
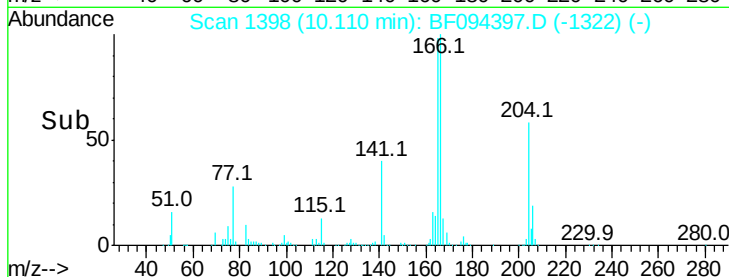
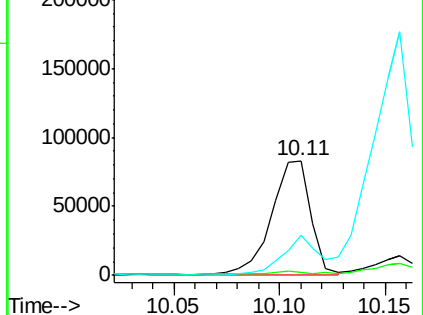
65 34.6 57.1 85.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#27

2,4-Dimethylphenol

Concen: 29.27 ng

RT: 10.10 min Scan# 1397

Delta R.T. 0.09 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

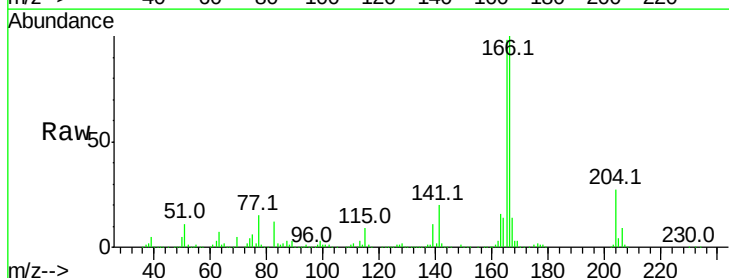
Tgt Ion:122 Resp: 2937

Ion Ratio Lower Upper

122 100

107 0.0 104.2 156.4#

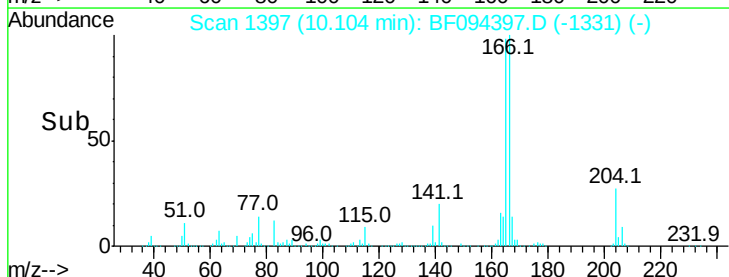
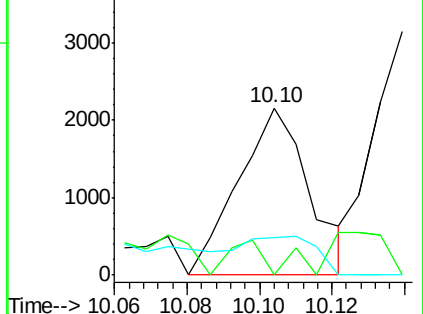
121 22.4 46.0 69.0#

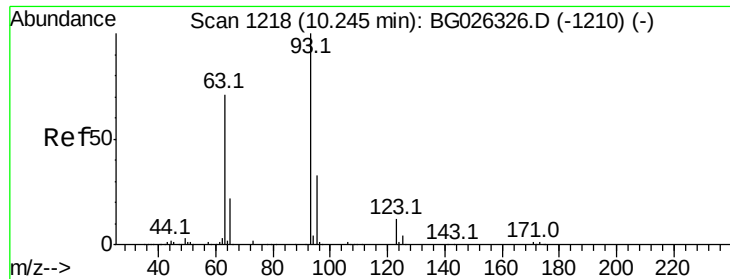


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

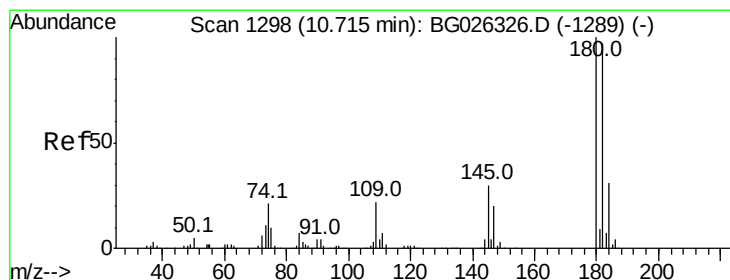
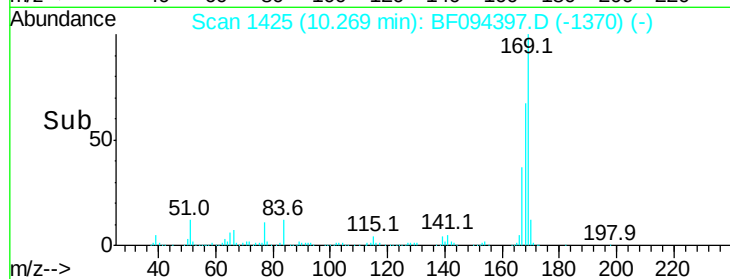
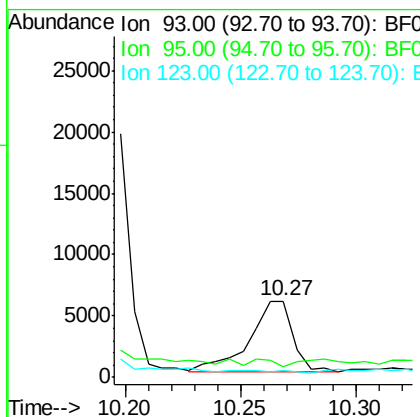
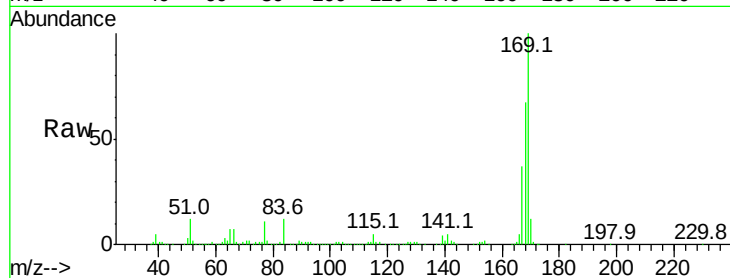




#28
 bis(2-Chloroethoxy)methane
 Concen: 52.90 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. 0.02 min
 Lab File: BF094397.D
 Acq: 13 Apr 2017 18:23

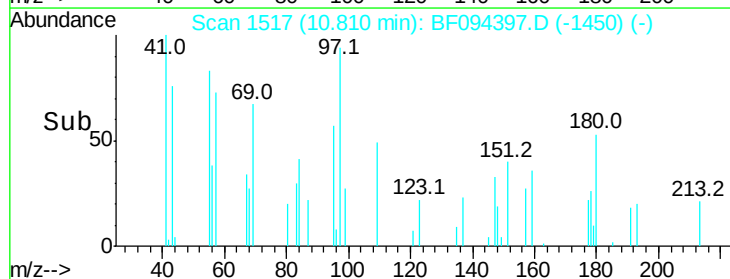
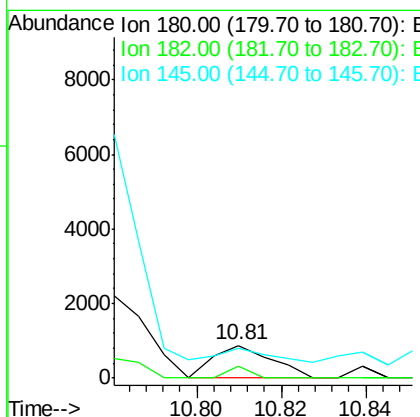
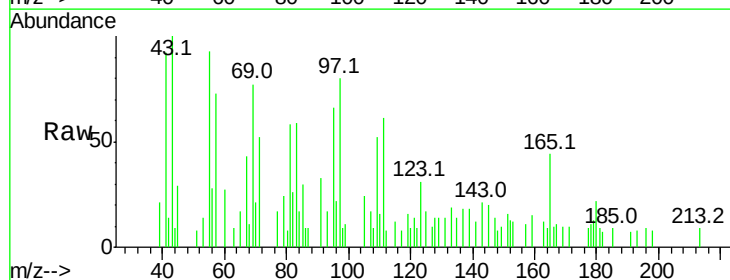
Instrument :
 BNA_F
 ClientSampleId :

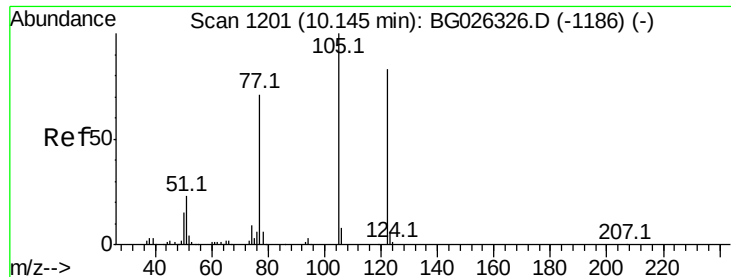
Tot Ion: 93 Resp: 7706
 Ion Ratio Lower Upper
 93 100
 95 14.7 25.7 38.5#
 123 8.4 8.3 12.5



#30
 1,2,4-Trichlorobenzene
 Concen: 7.40 ng
 RT: 10.81 min Scan# 1517
 Delta R.T. 0.10 min
 Lab File: BF094397.D
 Acq: 13 Apr 2017 18:23

Tgt Ion:180 Resp: 844
 Ion Ratio Lower Upper
 180 100
 182 34.4 77.0 115.4#
 145 90.7 23.4 35.0#





#32

Benzoic acid

Concen: 103.01 ng

RT: 10.19 min Scan# 1412

Delta R.T. 0.05 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

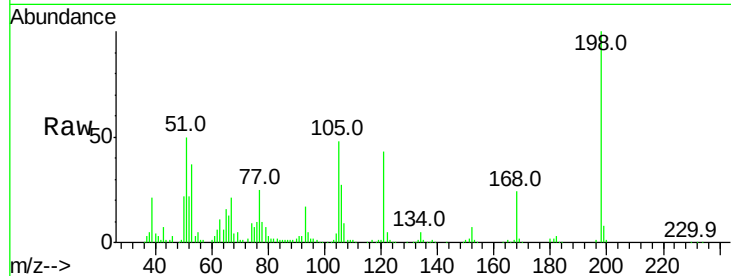
Tot Ion:122 Resp: 7953

Ion Ratio Lower Upper

122 100

105 913.0 120.1 160.1#

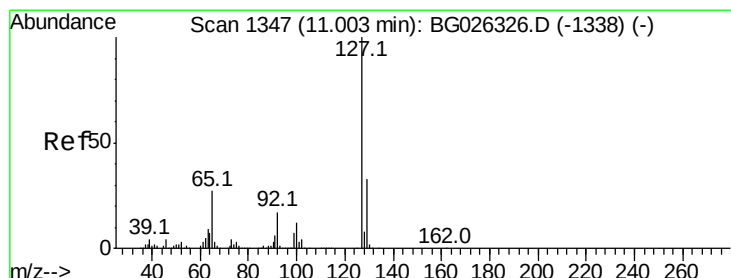
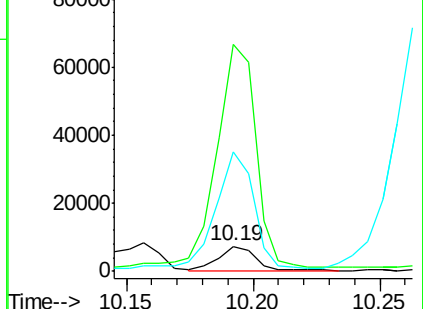
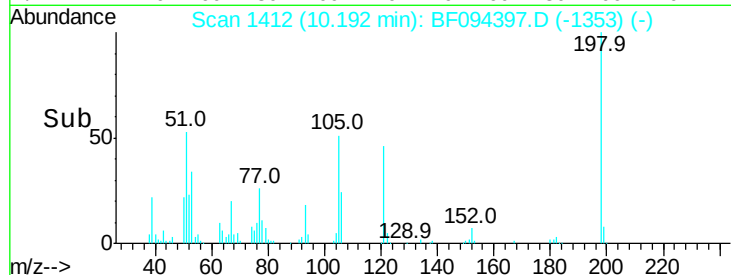
77 483.0 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 2.08 ng

RT: 11.10 min Scan# 1567

Delta R.T. 0.10 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Tgt Ion:127 Resp: 306

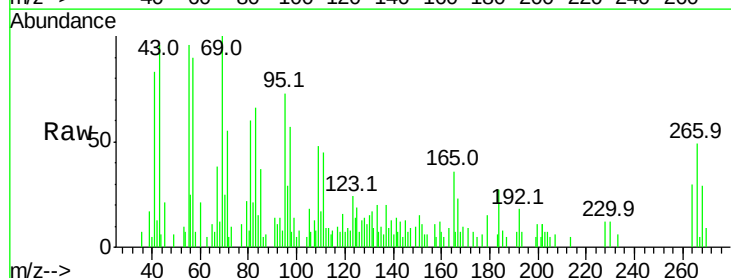
Ion Ratio Lower Upper

127 100

129 81.4 23.6 35.4#

65 81.8 37.7 56.5#

92 79.0 17.6 26.4#

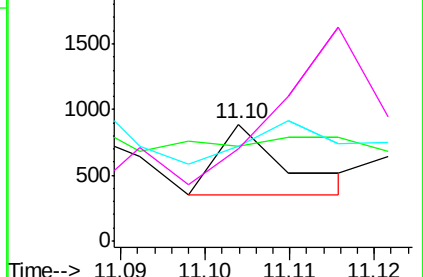
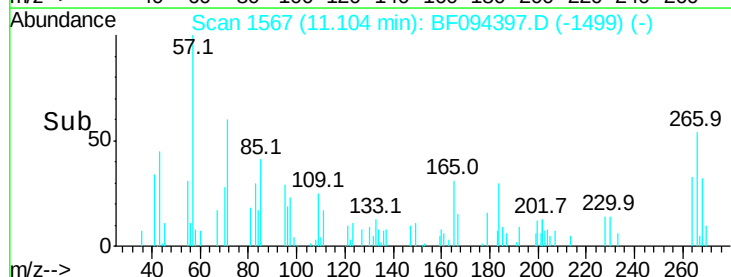


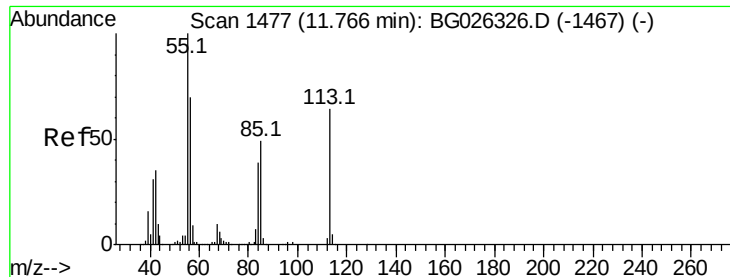
Abundance Ion 127.00 (126.70 to 127.70): E

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





#35

Caprolactam

Concen: 25.11 ng

RT: 11.87 min Scan# 1697

Delta R.T. 0.10 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

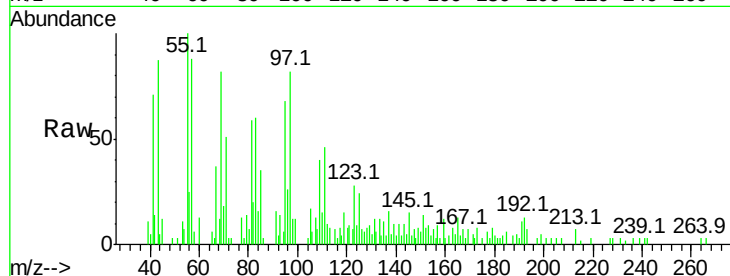
Tot Ion:113 Resp: 1004

Ion Ratio Lower Upper

113 100

55 1249.5 198.6 238.6#

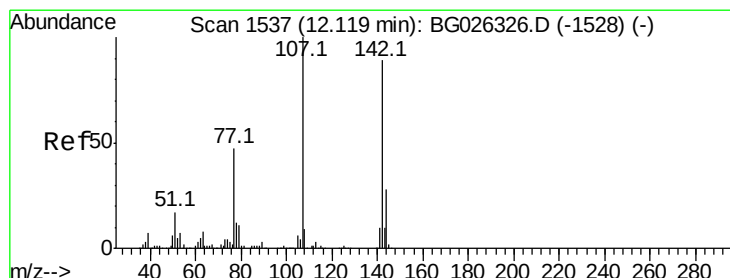
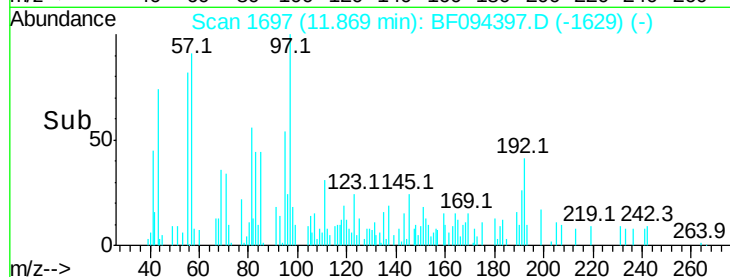
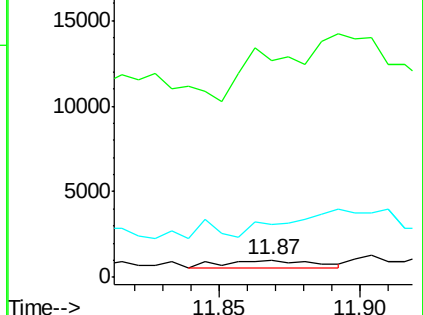
56 306.4 140.4 180.4#



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: 5.35 ng

RT: 12.25 min Scan# 1761

Delta R.T. 0.13 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

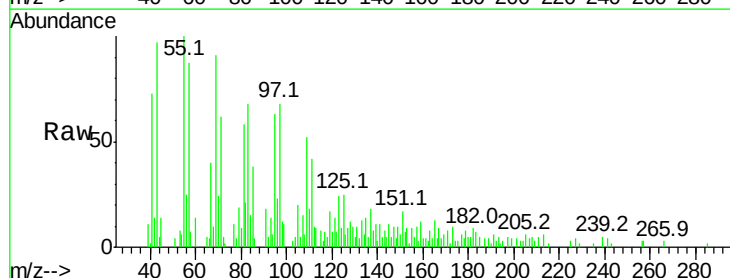
Tgt Ion:107 Resp: 581

Ion Ratio Lower Upper

107 100

144 33.3 17.4 26.0#

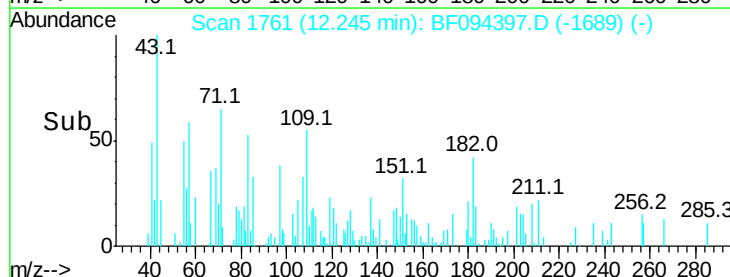
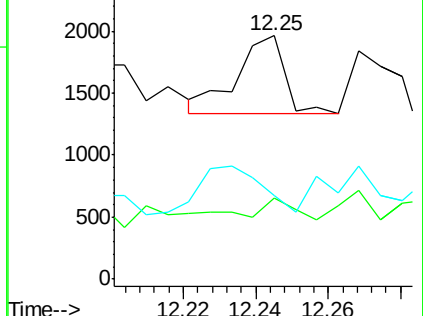
142 34.4 54.1 81.1#

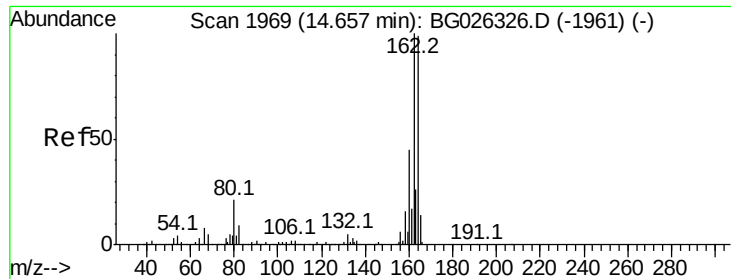


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 2192

Delta R.T. 0.12 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

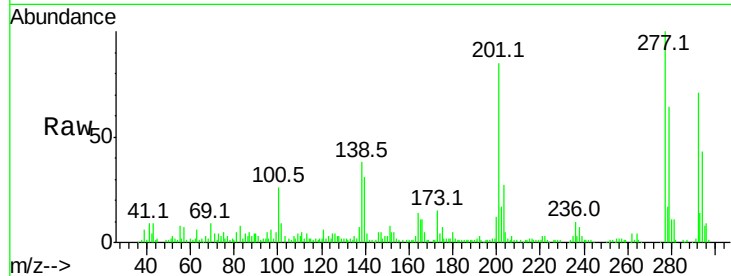
Tot Ion:164 Resp: 11848

Ion Ratio Lower Upper

164 100

162 9.1 85.1 127.7#

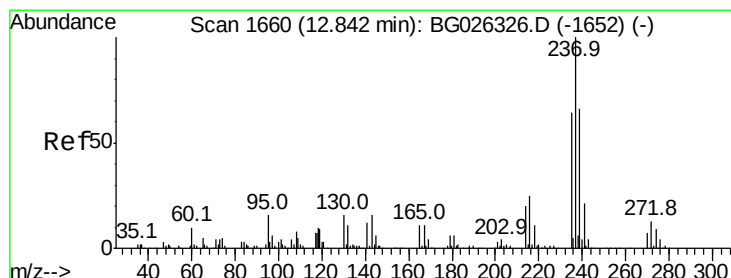
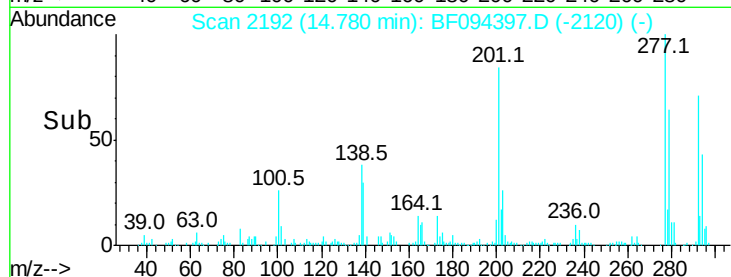
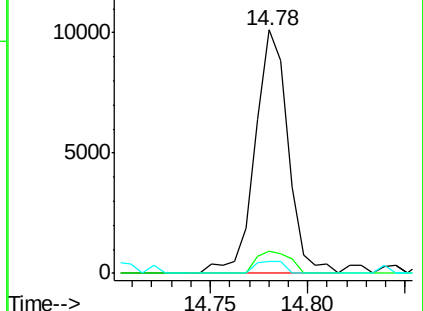
160 5.1 34.7 52.1#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 6.34 ng

RT: 12.93 min Scan# 1878

Delta R.T. 0.09 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

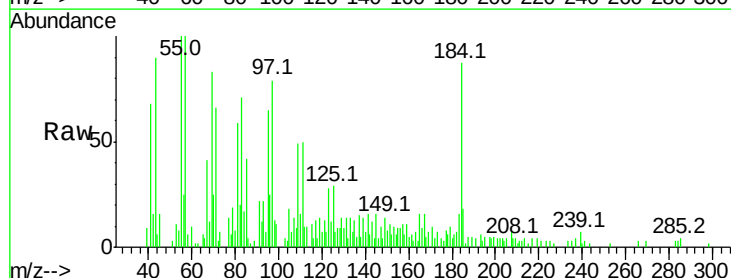
Tgt Ion:237 Resp: 1189

Ion Ratio Lower Upper

237 100

235 70.6 39.4 79.4

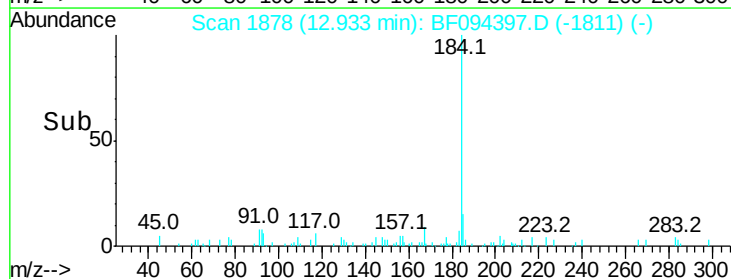
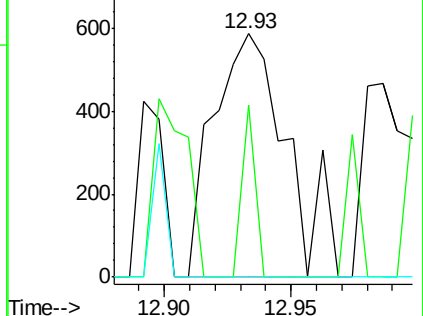
272 0.0 0.0 32.0

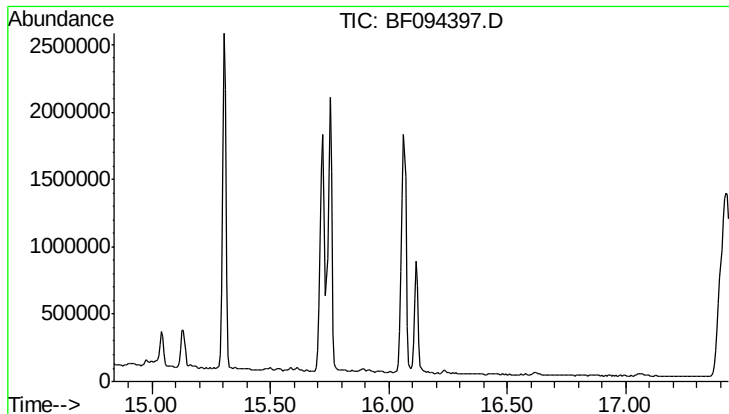


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 16.14 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Tot Ion: 330

Sig Exp Ratio

330 100

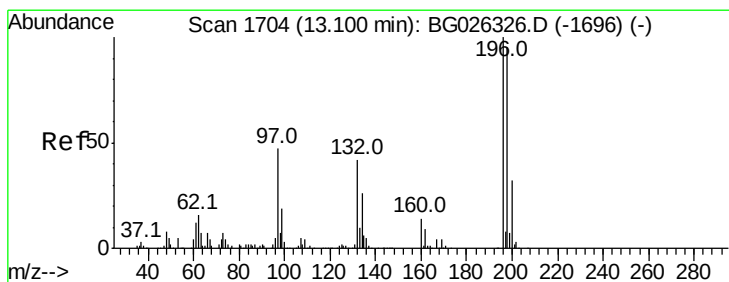
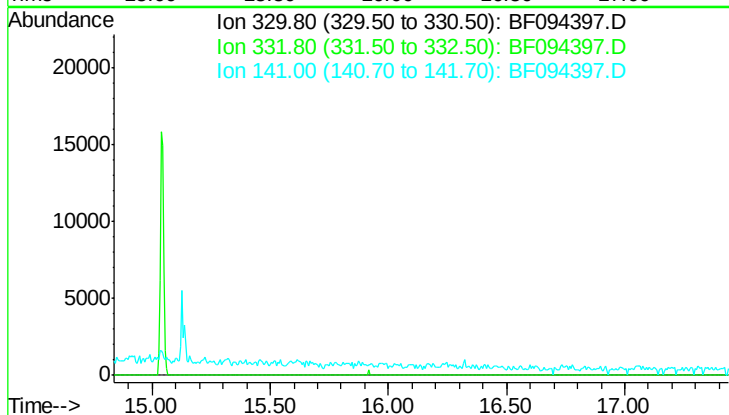
332 96.6

141 40.1

Instrument :

BNA_F

ClientSampleId :



#42

2,4,6-Trichlorophenol

Concen: 28.50 ng

RT: 13.23 min Scan# 1928

Delta R.T. 0.13 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

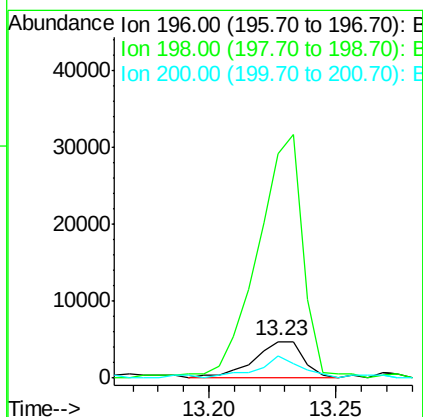
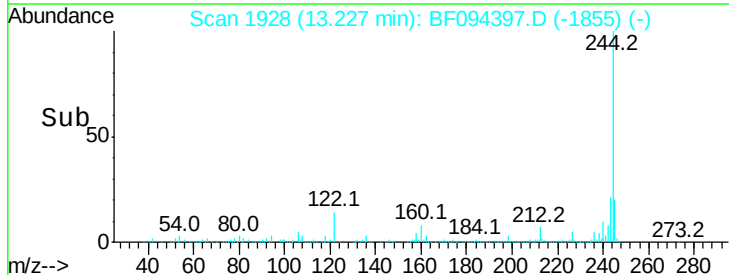
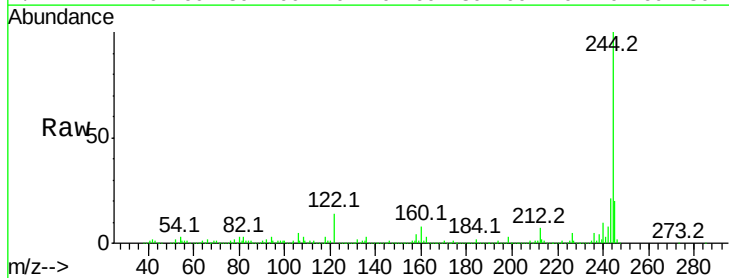
Tgt Ion:196 Resp: 6653

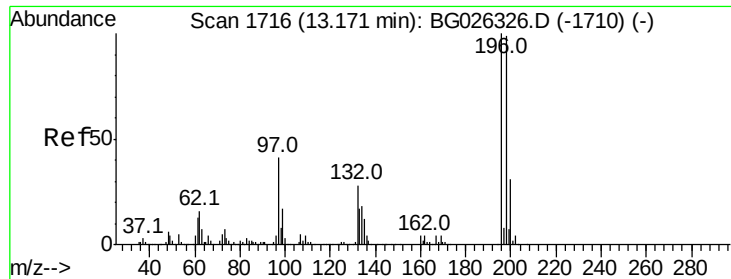
Ion Ratio Lower Upper

196 100

198 613.1 81.4 122.2#

200 59.8 27.0 40.6#

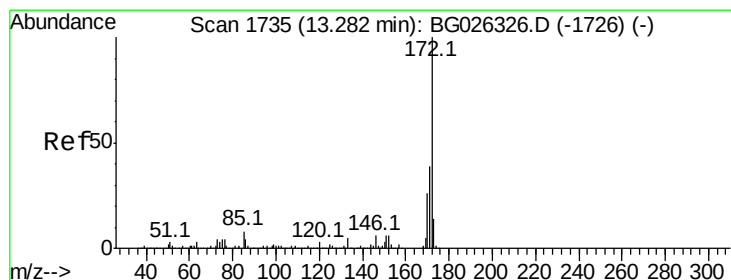
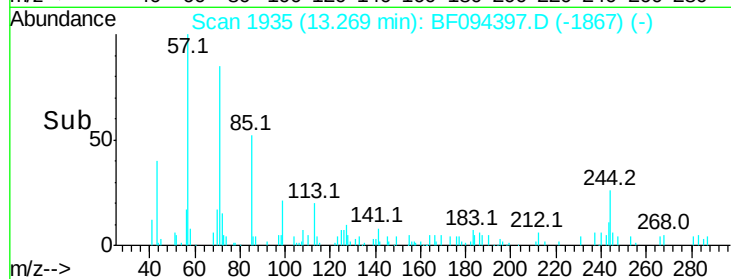
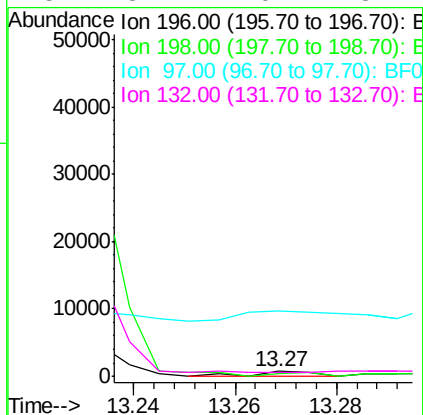
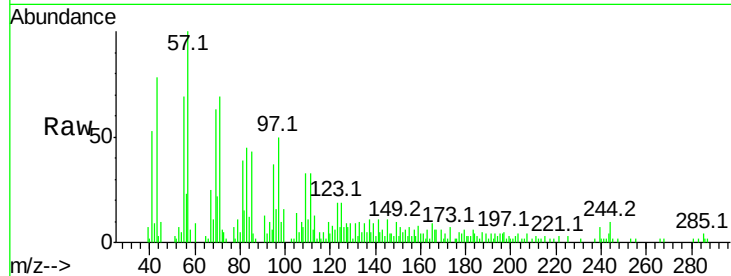




#43
 2,4,5-Trichlorophenol
 Concen: 2.43 ng
 RT: 13.27 min Scan# 1935
 Delta R.T. 0.10 min
 Lab File: BF094397.D
 Acq: 13 Apr 2017 18:23

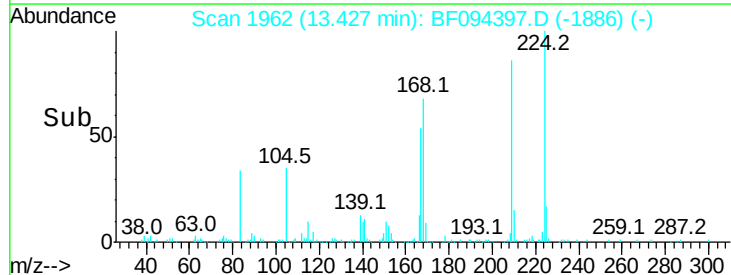
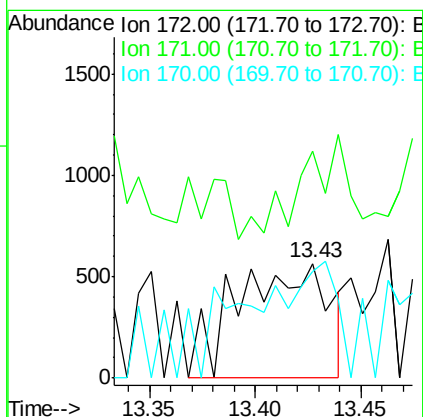
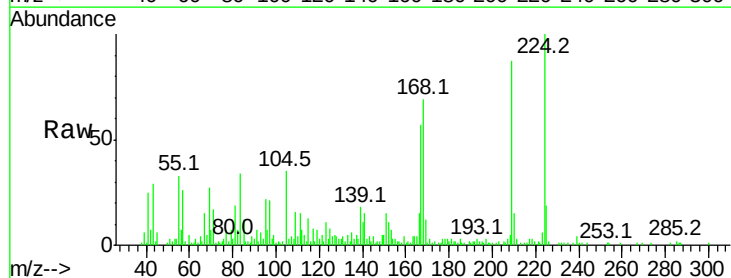
Instrument :
 BNA_F
 ClientSampled :

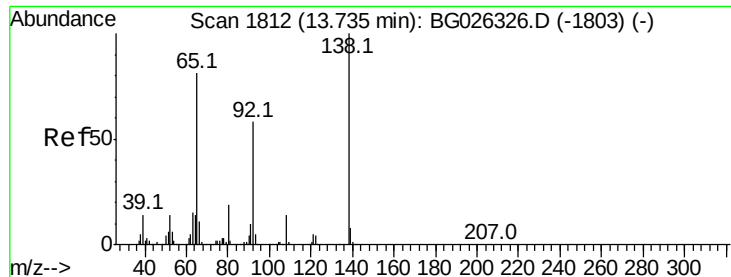
Tot Ion:196 Resp: 628
 Ion Ratio Lower Upper
 196 100
 198 52.7 79.9 119.9#
 97 1349.7 45.4 68.0#
 132 87.1 20.7 31.1#



#44
 2-Fluorobiphenyl
 Concen: 2.00 ng
 RT: 13.43 min Scan# 1962
 Delta R.T. 0.15 min
 Lab File: BF094397.D
 Acq: 13 Apr 2017 18:23

Tgt Ion:172 Resp: 1692
 Ion Ratio Lower Upper
 172 100
 171 197.5 32.2 48.2#
 170 92.6 21.8 32.6#





#47

2-Nitroaniline

Concen: 385.10 ng

RT: 13.83 min Scan# 2031

Delta R.T. 0.10 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

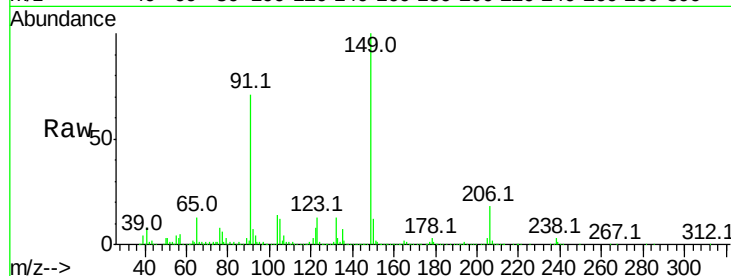
Tot Ion: 65 Resp: 78482

Ion Ratio Lower Upper

65 100

92 51.7 49.0 73.4

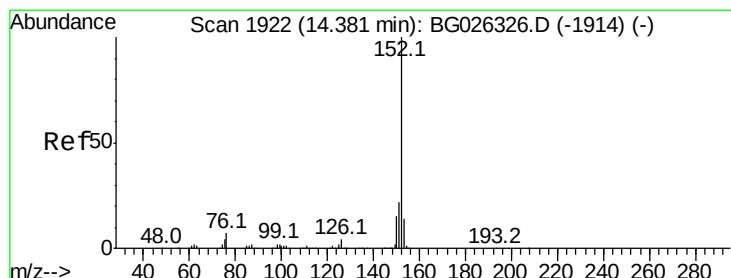
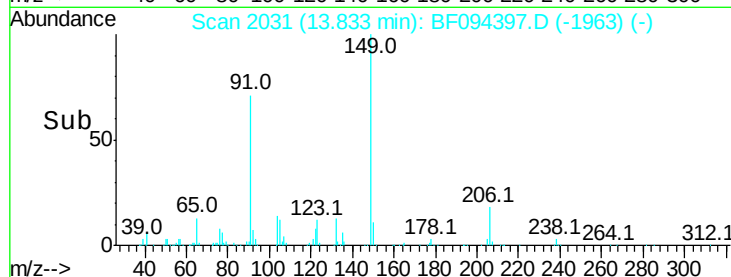
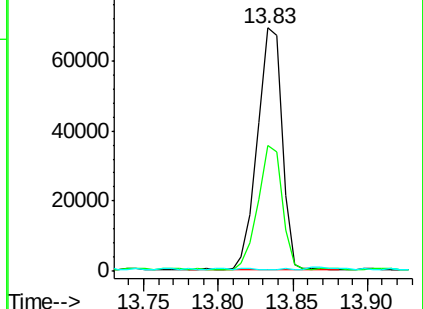
138 0.8 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 4.53 ng

RT: 14.53 min Scan# 2150

Delta R.T. 0.15 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

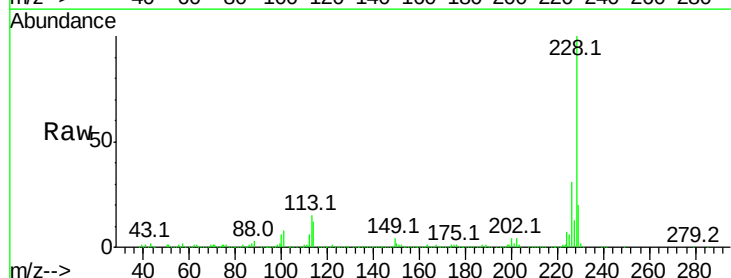
Tgt Ion:152 Resp: 5655

Ion Ratio Lower Upper

152 100

151 125.1 18.2 27.2#

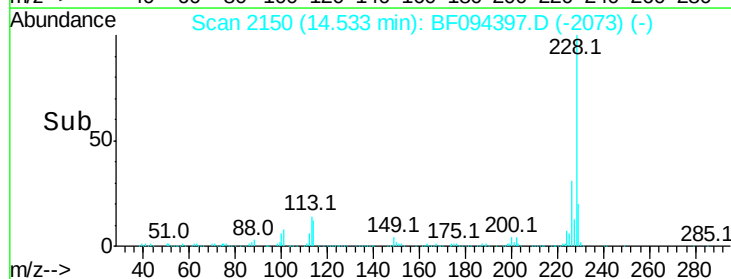
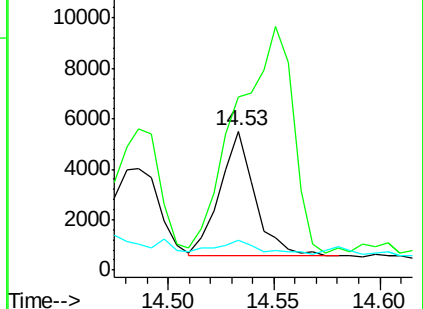
153 21.1 11.3 16.9#

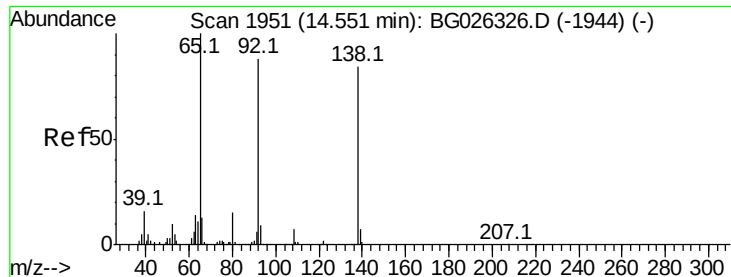


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

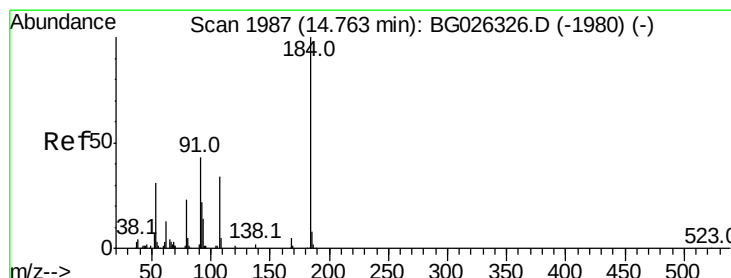
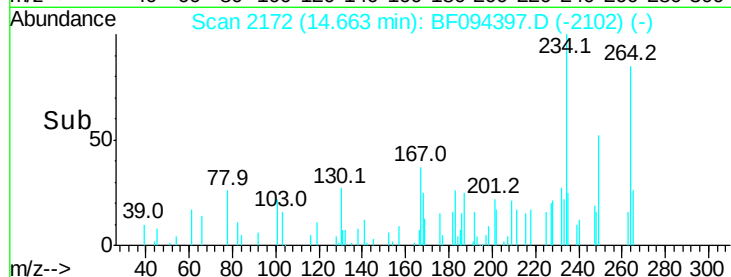
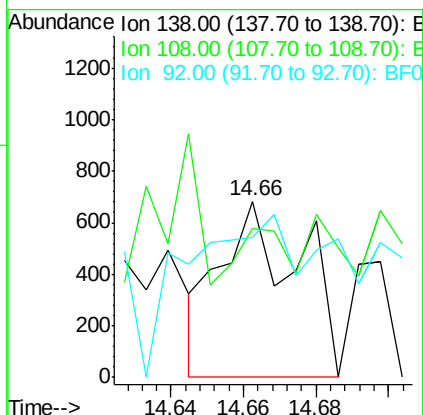
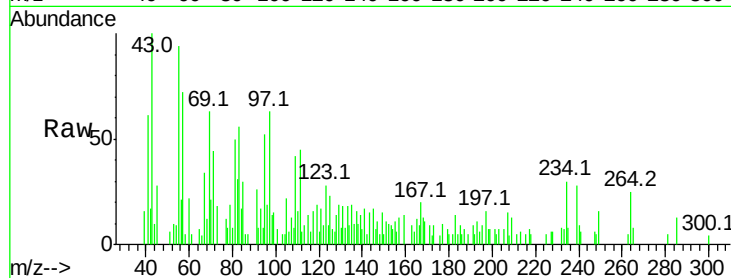




#52
3-Nitroaniline
Concen: 4.49 ng
RT: 14.66 min Scan# 2172
Delta R.T. 0.11 min
Lab File: BF094397.D
Acq: 13 Apr 2017 18:23

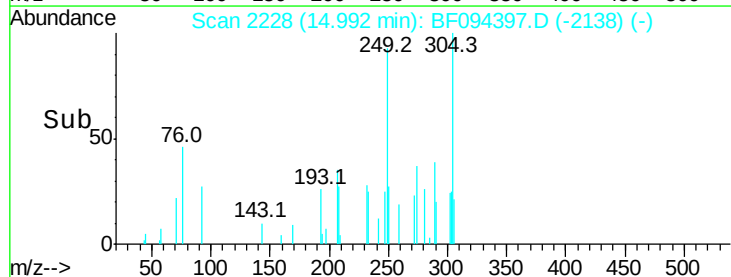
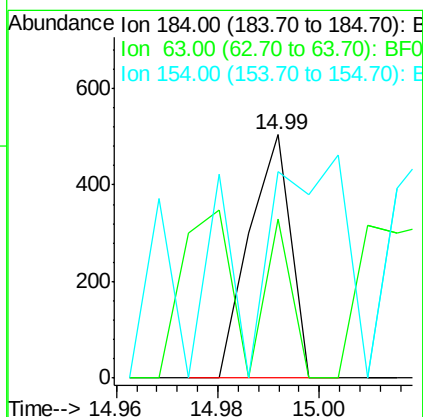
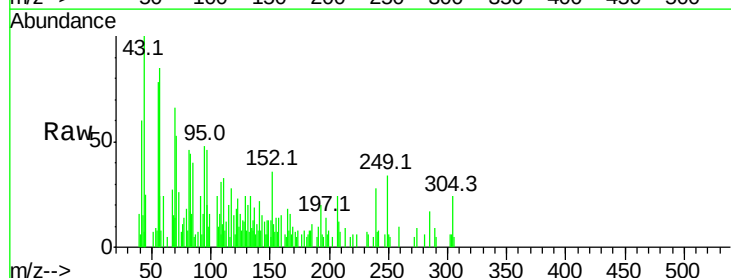
Instrument :
BNA_F
ClientSampleId :

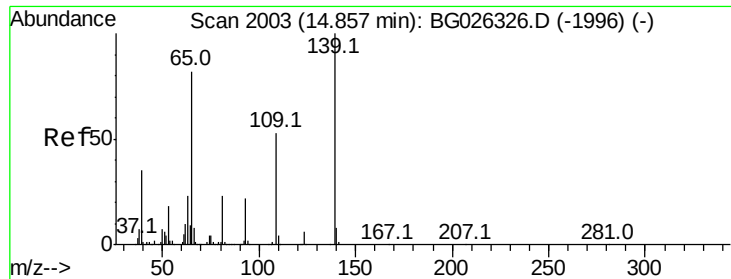
Tot Ion:138 Resp: 1031
Ion Ratio Lower Upper
138 100
108 84.6 10.9 16.3#
92 79.5 115.3 172.9#



#53
2,4-Dinitrophenol
Concen: 2.35 ng
RT: 14.99 min Scan# 2228
Delta R.T. 0.23 min
Lab File: BF094397.D
Acq: 13 Apr 2017 18:23

Tgt Ion:184 Resp: 284
Ion Ratio Lower Upper
184 100
63 65.7 52.7 79.1
154 85.1 57.3 85.9

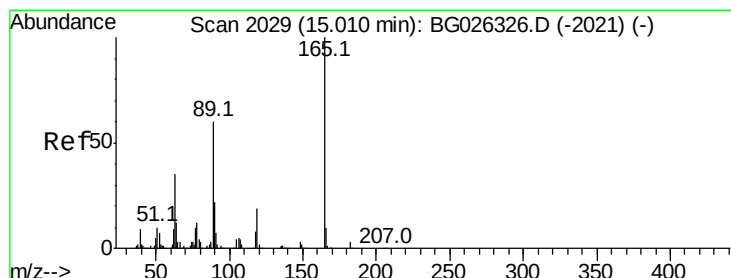
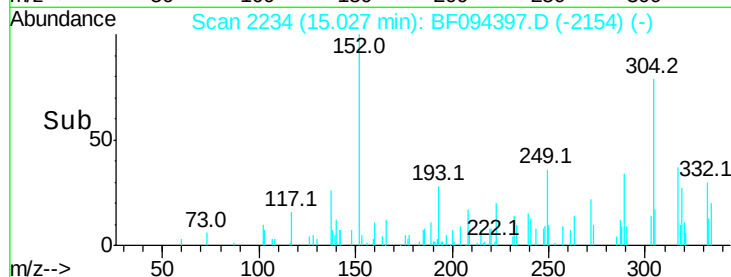
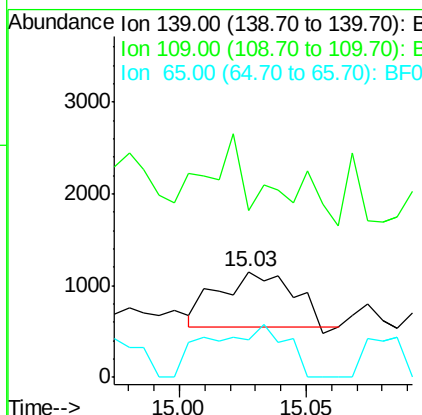
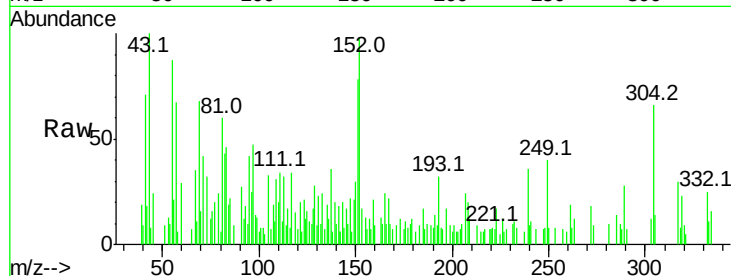




#55
4-Nitrophenol
Concen: 6.49 ng
RT: 15.03 min Scan# 2234
Delta R.T. 0.17 min
Lab File: BF094397.D
Acq: 13 Apr 2017 18:23

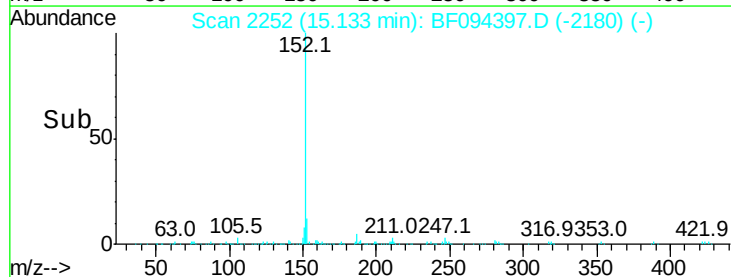
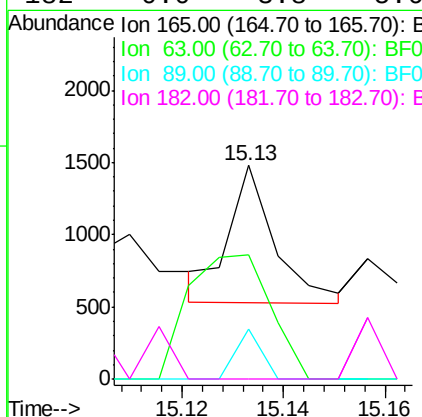
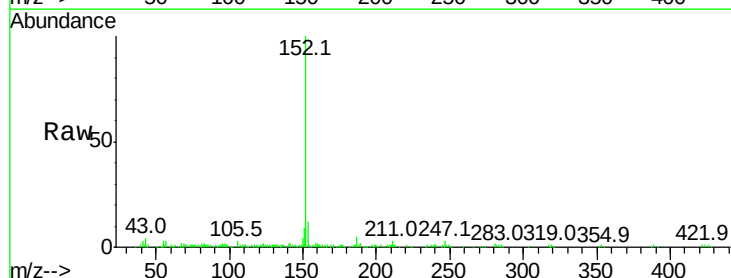
Instrument :
BNA_F
ClientSampleId :

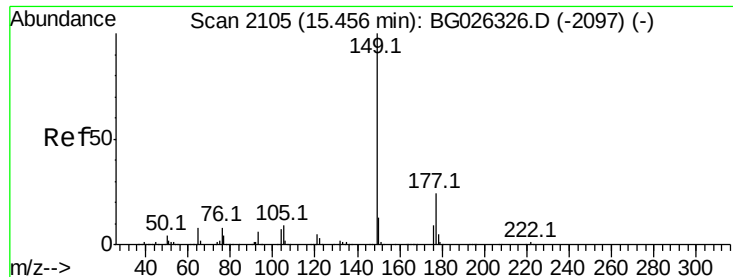
Tot Ion:139 Resp: 1222
Ion Ratio Lower Upper
139 100
109 157.4 101.2 141.2#
65 35.4 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 2.07 ng
RT: 15.13 min Scan# 2252
Delta R.T. 0.12 min
Lab File: BF094397.D
Acq: 13 Apr 2017 18:23

Tgt Ion:165 Resp: 607
Ion Ratio Lower Upper
165 100
63 58.4 44.0 66.0
89 23.4 67.3 100.9#
182 0.0 3.8 5.6#





#59

Diethylphthalate

Concen: 1121.35 ng

RT: 15.30 min Scan# 2281

Delta R.T. -0.15 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

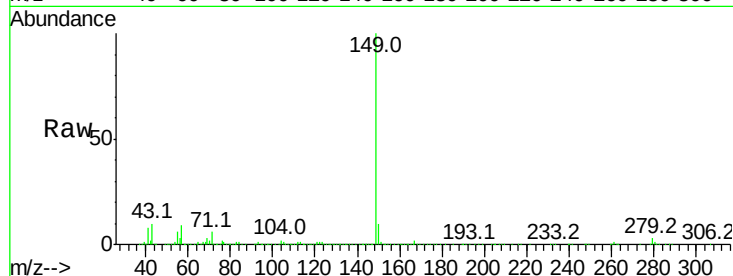
Tot Ion:149 Resp: 1024975

Ion Ratio Lower Upper

149 100

177 0.1 20.1 30.1#

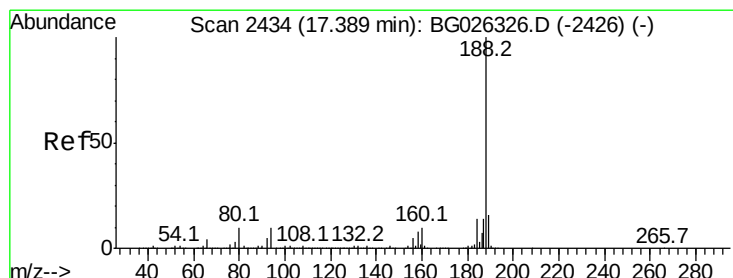
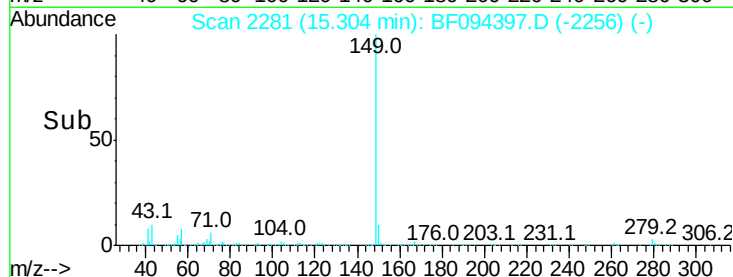
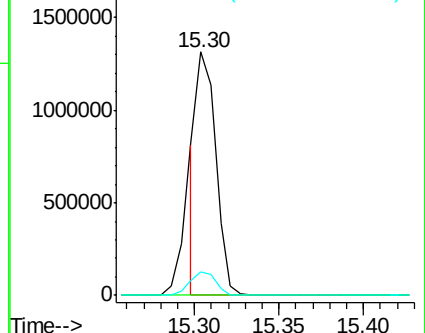
150 9.7 10.2 15.2#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.43 min Scan# 2642

Delta R.T. 0.04 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

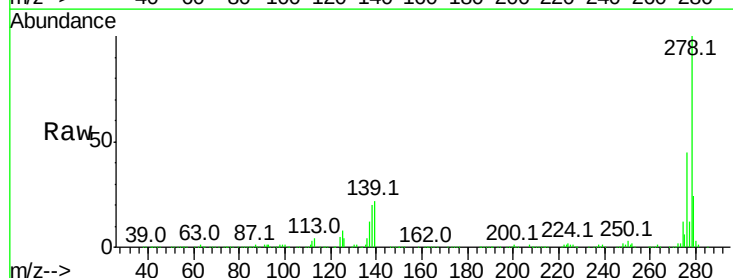
Tgt Ion:188 Resp: 880

Ion Ratio Lower Upper

188 100

94 0.0 5.8 8.8#

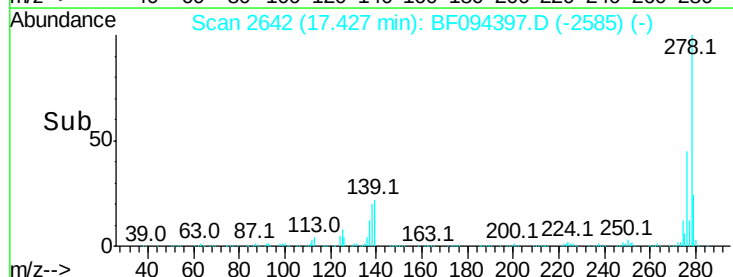
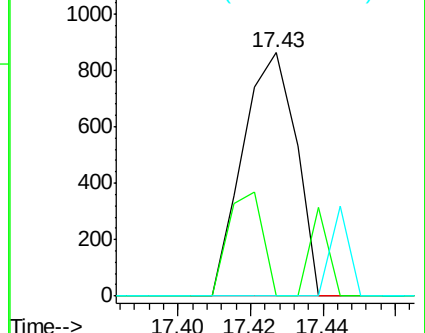
80 0.0 7.5 11.3#

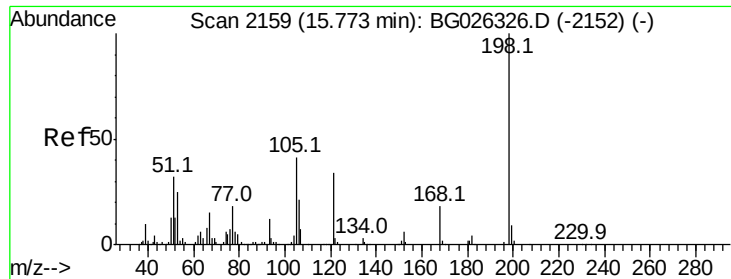


Abundance Ion 188.00 (187.70 to 188.70): E

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: 1251.60 ng

RT: 15.75 min Scan# 2357

Delta R.T. -0.02 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampled :

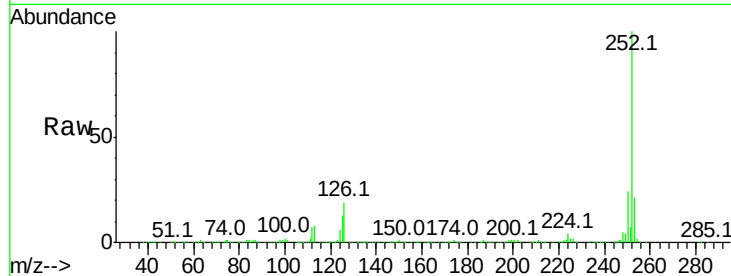
Tot Ion:198 Resp: 6944

Ion Ratio Lower Upper

198 100

51 37.1 22.6 62.6

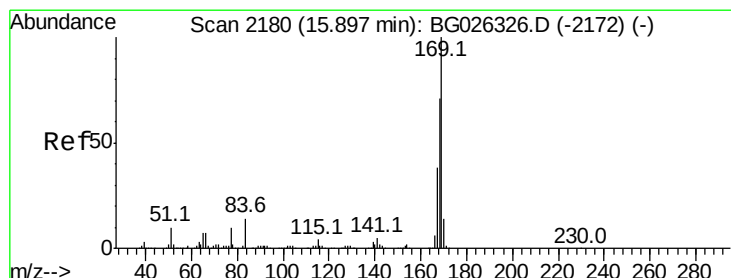
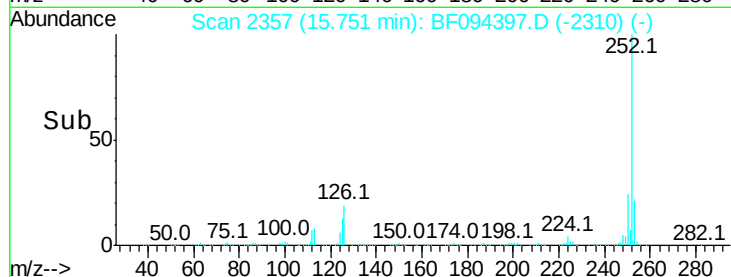
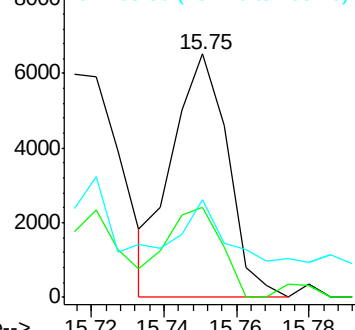
105 39.9 14.4 54.4



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: 23.46 ng

RT: 15.94 min Scan# 2390

Delta R.T. 0.05 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

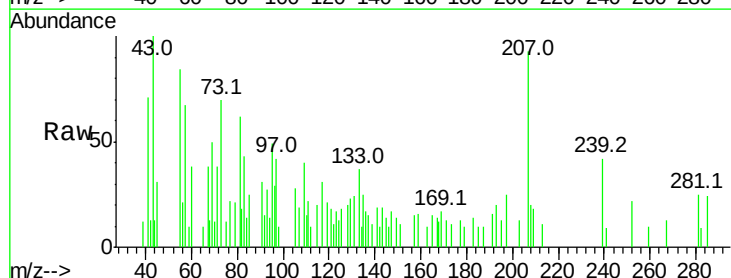
Tgt Ion:169 Resp: 606

Ion Ratio Lower Upper

169 100

168 73.8 55.7 83.5

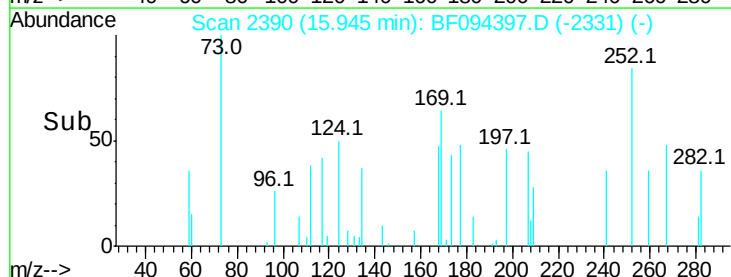
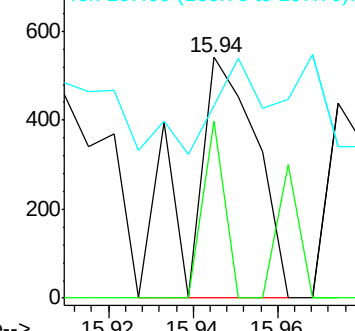
167 80.0 29.8 44.6#

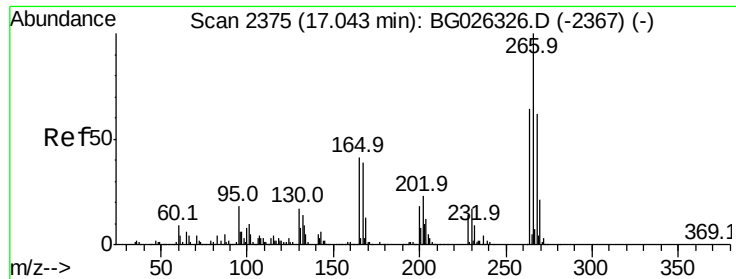


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

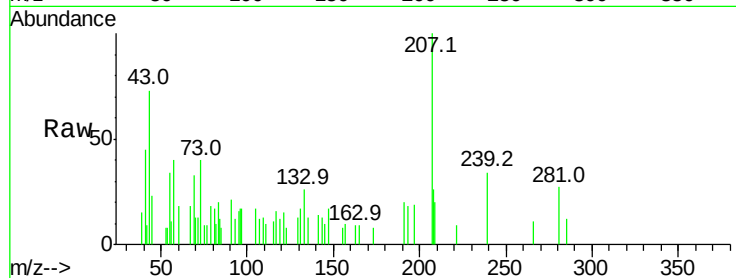




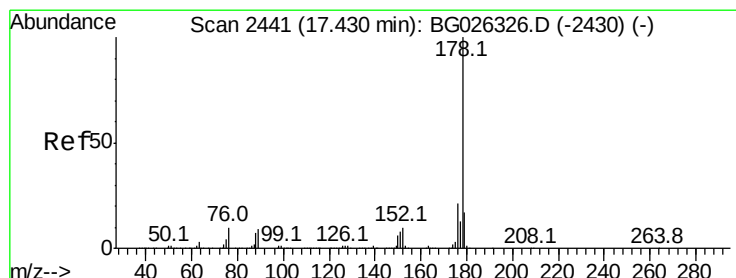
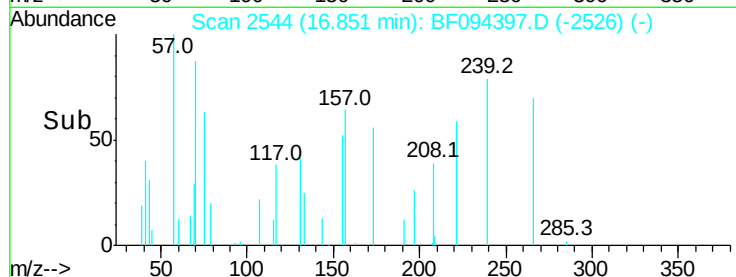
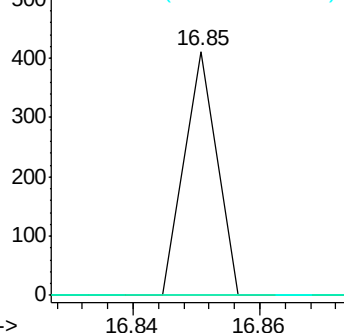
#69
 Pentachlorophenol
 Concen: 23.08 ng
 RT: 16.85 min Scan# 2544
 Delta R.T. -0.19 min
 Lab File: BF094397.D
 Acq: 13 Apr 2017 18:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 145
 Ion Ratio Lower Upper
 266 100
 268 0.0 48.6 72.8#
 264 0.0 50.1 75.1#

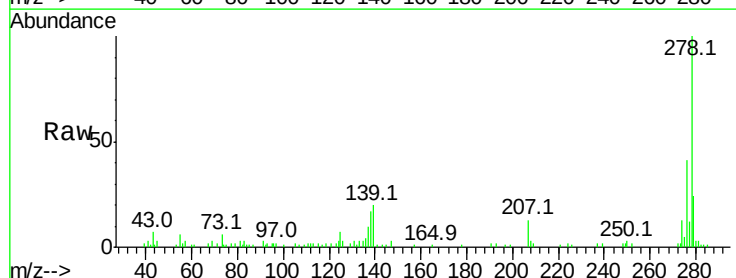


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

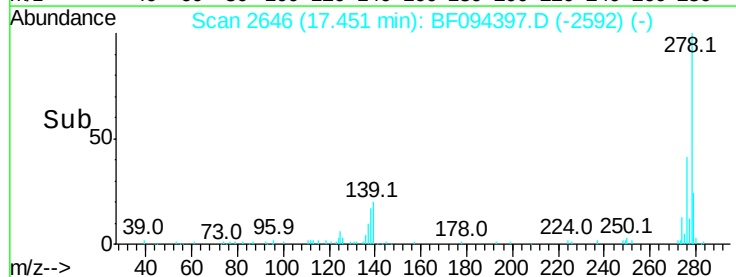
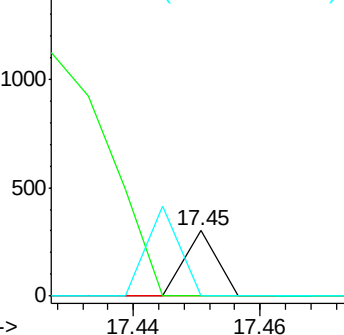


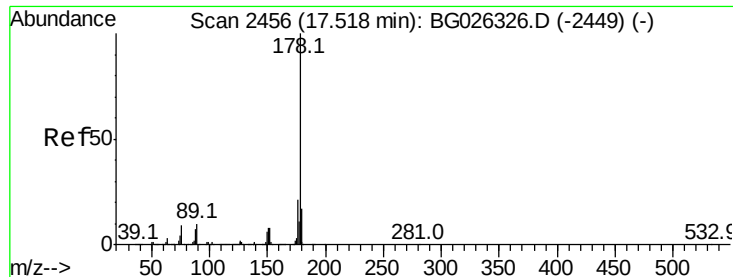
#70
 Phenanthrene
 Concen: 2.24 ng
 RT: 17.45 min Scan# 2646
 Delta R.T. 0.02 min
 Lab File: BF094397.D
 Acq: 13 Apr 2017 18:23

Tgt Ion:178 Resp: 106
 Ion Ratio Lower Upper
 178 100
 176 0.0 17.7 26.5#
 179 0.0 15.0 22.6#



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





#71

Anthracene

Concen: 2.20 ng

RT: 17.45 min Scan# 2646

Delta R.T. -0.07 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampled :

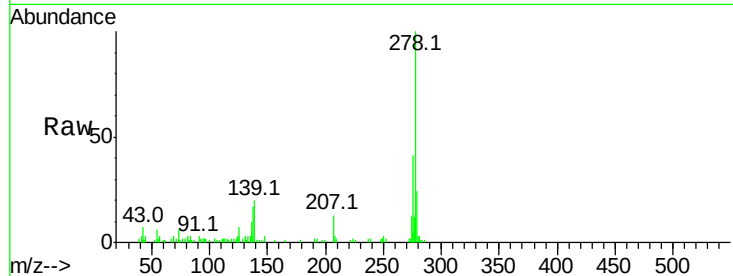
Tot Ion:178 Resp: 106

Ion Ratio Lower Upper

178 100

176 0.0 16.4 24.6#

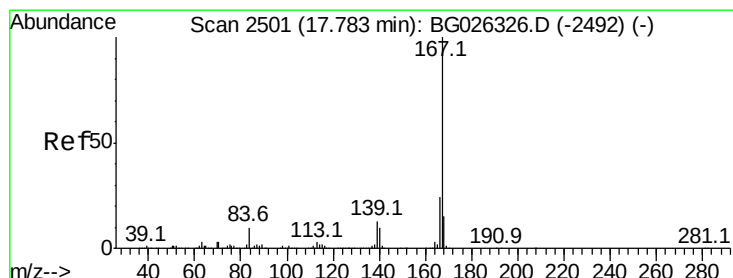
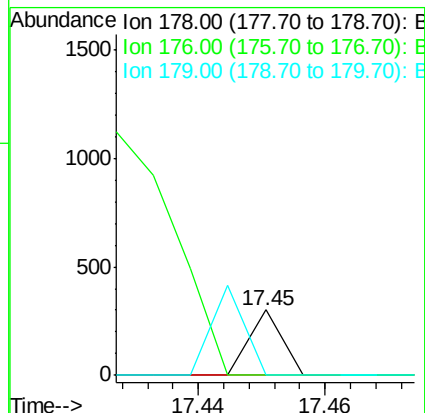
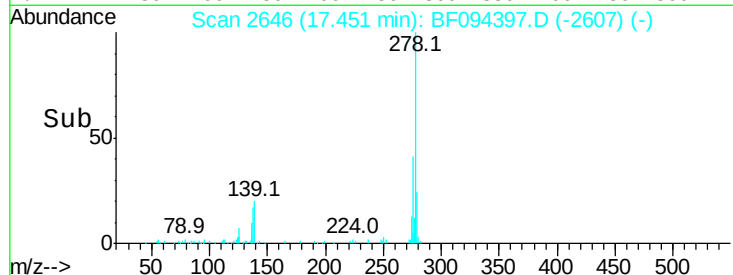
179 0.0 13.8 20.8#



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: 7.76 ng

RT: 17.77 min Scan# 2701

Delta R.T. -0.01 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

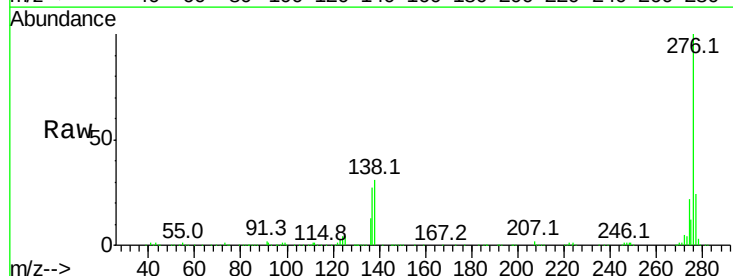
Tgt Ion:167 Resp: 385

Ion Ratio Lower Upper

167 100

166 0.0 20.2 30.2#

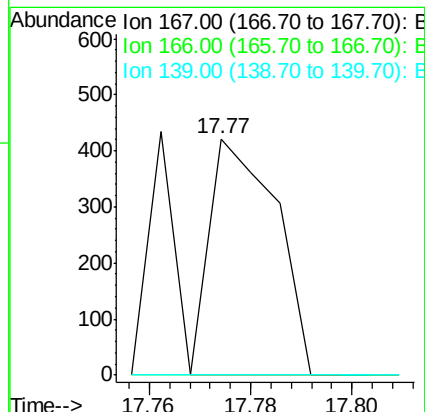
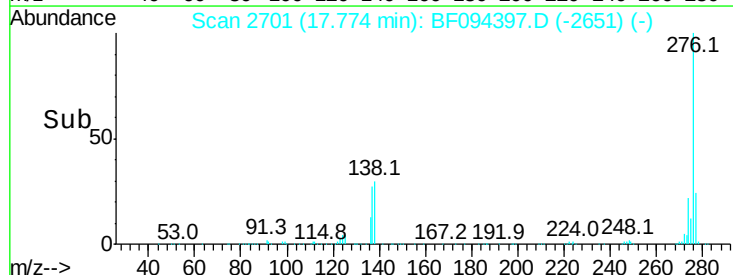
139 0.0 12.8 19.2#

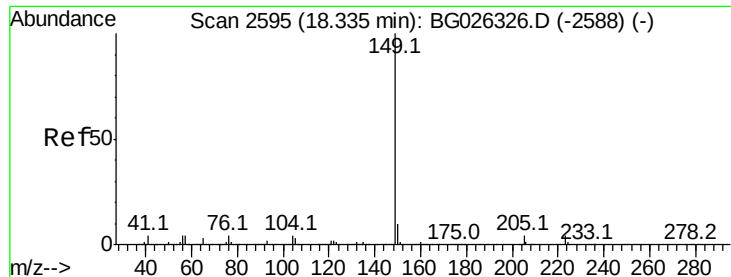


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 8.63 ng

RT: 18.39 min Scan# 2806

Delta R.T. 0.06 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

Instrument :

BNA_F

ClientSampleId :

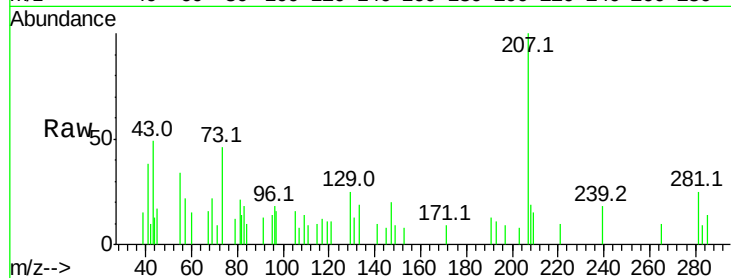
Tot Ion:149 Resp: 440

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

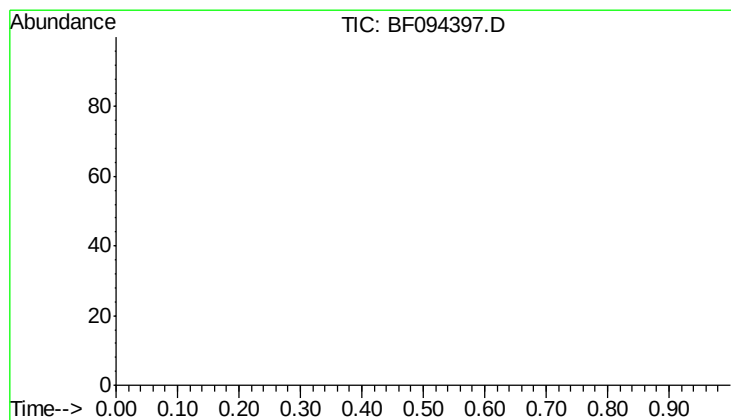
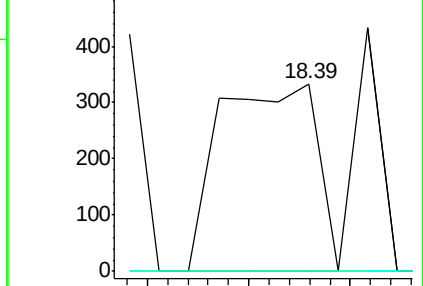
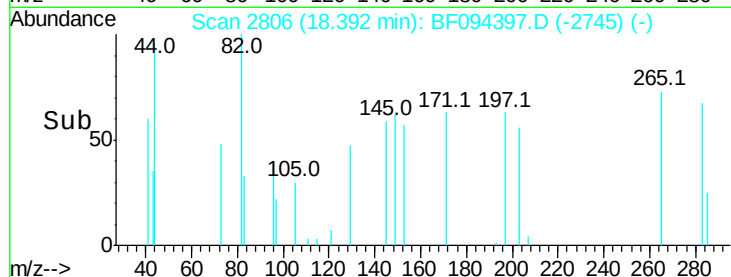
104 0.0 6.7 10.1#



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



#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 21.64 min

Lab File: BF094397.D

Acq: 13 Apr 2017 18:23

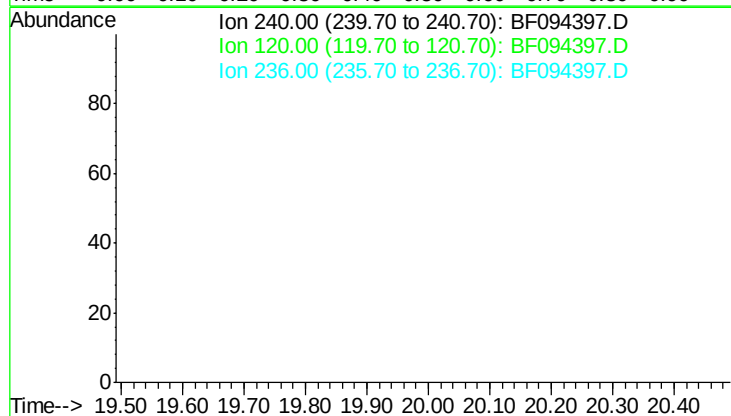
Tgt Ion: 240

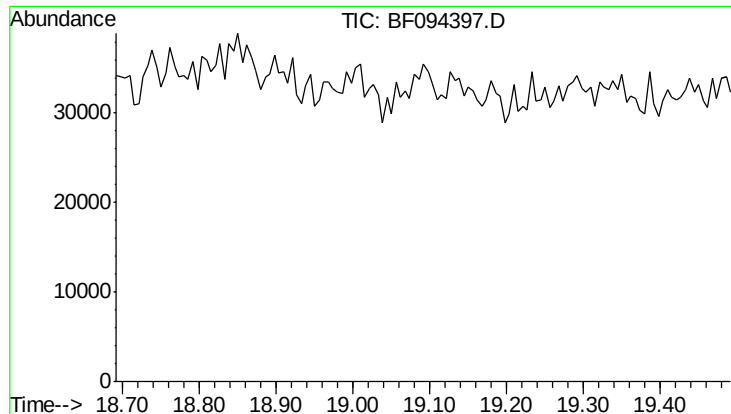
Sig Exp Ratio

240 100

120 7.1

236 27.8



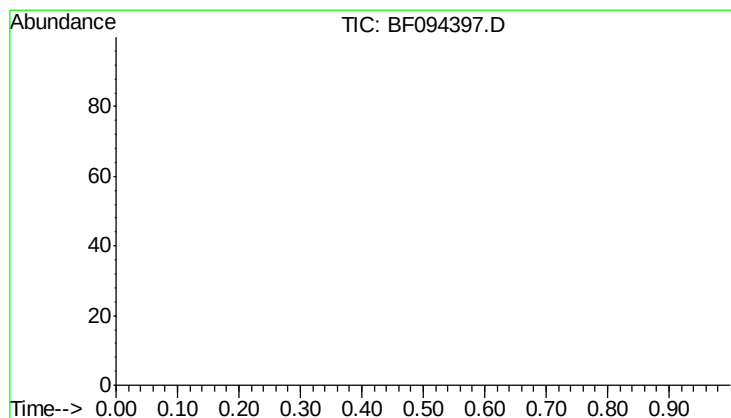
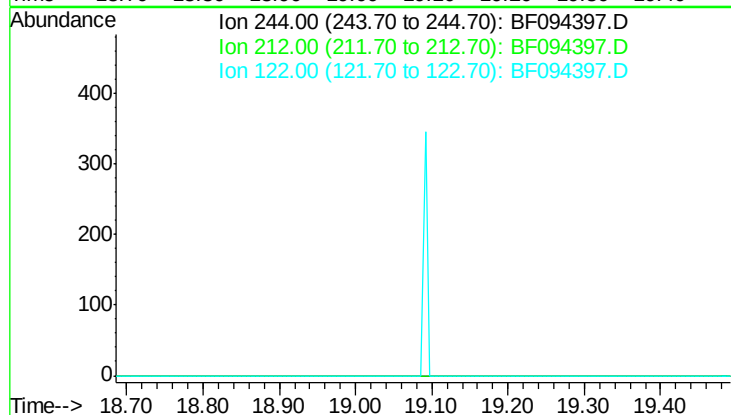


#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 19.99 min
 Lab File: BF094397.D
 Acq: 13 Apr 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 244

Sig	Exp Ratio
244	100
212	12.5
122	10.7



#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 24.82 min
 Lab File: BF094397.D
 Acq: 13 Apr 2017 18:23

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	27.3
265	22.8

