

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041317\
 Data File : BF094389.D
 Acq On : 13 Apr 2017 14:11
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 00:44:45 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	8.10	152	1184	20.00	ng	0.06
21) Naphthalene-d8	10.94	136	5773	20.00	ng	0.09
38) Acenaphthene-d10	14.53	164	1913	20.00	ng	-0.12
63) Phenanthrene-d10	17.43	188	715	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	16431	246.31	ng	0.11
7) Phenol-d6	7.32	99	8079	90.21	ng	0.11
23) Nitrobenzene-d5	9.43	82	27577	287.23	ng	0.22
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.23	172	4982	36.52	ng	-0.05
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
6) Aniline	7.39	93	7250	60.60	ng	# 1
8) 2-Chlorophenol	7.39	128	41006	545.90	ng	88
9) Benzaldehyde	7.32	77	47252	781.57	ng	# 11
10) Phenol	7.29	94	4403	46.07	ng	# 1
11) bis(2-Chloroethyl)ether	7.39	93	7250	92.51	ng	# 1
12) 1,3-Dichlorobenzene	8.02	146	304	3.40	ng	# 1
13) 1,4-Dichlorobenzene	8.37	146	13704	151.50	ng	# 38
14) 1,2-Dichlorobenzene	8.37	146	13704	158.30	ng	# 39
15) Benzyl Alcohol	8.43	79	168	2.86	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	8.62	45	962	11.05	ng	# 1
17) 2-Methylphenol	8.52	107	13560	199.79	ng	# 29
18) Hexachloroethane	9.19	117	4235	143.18	ng	# 1
20) 3+4-Methylphenols	8.89	107	1257	13.45	ng	# 1
22) Acetophenone	8.89	105	1909	14.38	ng	# 1
24) Nitrobenzene	9.26	77	20001	210.98	ng	# 83
25) Isophorone	10.10	82	91197	503.97	ng	# 82
26) 2-Nitrophenol	10.10	139	94614	1918.08	ng	# 38
27) 2,4-Dimethylphenol	10.10	122	2435	30.07	ng	# 8
28) bis(2-Chloroethoxy)methane	10.26	93	6681	56.83	ng	# 50
30) 1,2,4-Trichlorobenzene	10.78	180	1747	18.99	ng	# 1
31) Naphthalene	10.71	128	1107	3.79	ng	# 1
32) Benzoic acid	10.19	122	6953	111.60	ng	# 1
33) 4-Chloroaniline	11.28	127	6175	52.01	ng	# 67
35) Caprolactam	11.73	113	292	9.05	ng	# 1
36) 4-Chloro-3-methylphenol	12.00	107	874	9.98	ng	# 25
42) 2,4,6-Trichlorophenol	13.01	196	297	7.88	ng	# 1
43) 2,4,5-Trichlorophenol	13.01	196	297	7.13	ng	# 1
45) 1,1'-Biphenyl	13.23	154	2509	15.84	ng	# 1
46) 2-Chloronaphthalene	13.23	162	38768	335.05	ng	# 48
47) 2-Nitroaniline	13.83	65	69058	2098.68	ng	# 45
48) Acenaphthylene	14.47	152	16074	79.69	ng	# 1
49) Dimethylphthalate	13.83	163	467	3.23	ng	# 1
50) 2,6-Dinitrotoluene	13.84	165	9227	273.80	ng	# 63
51) Acenaphthene	14.47	154	55397	445.98	ng	# 34

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

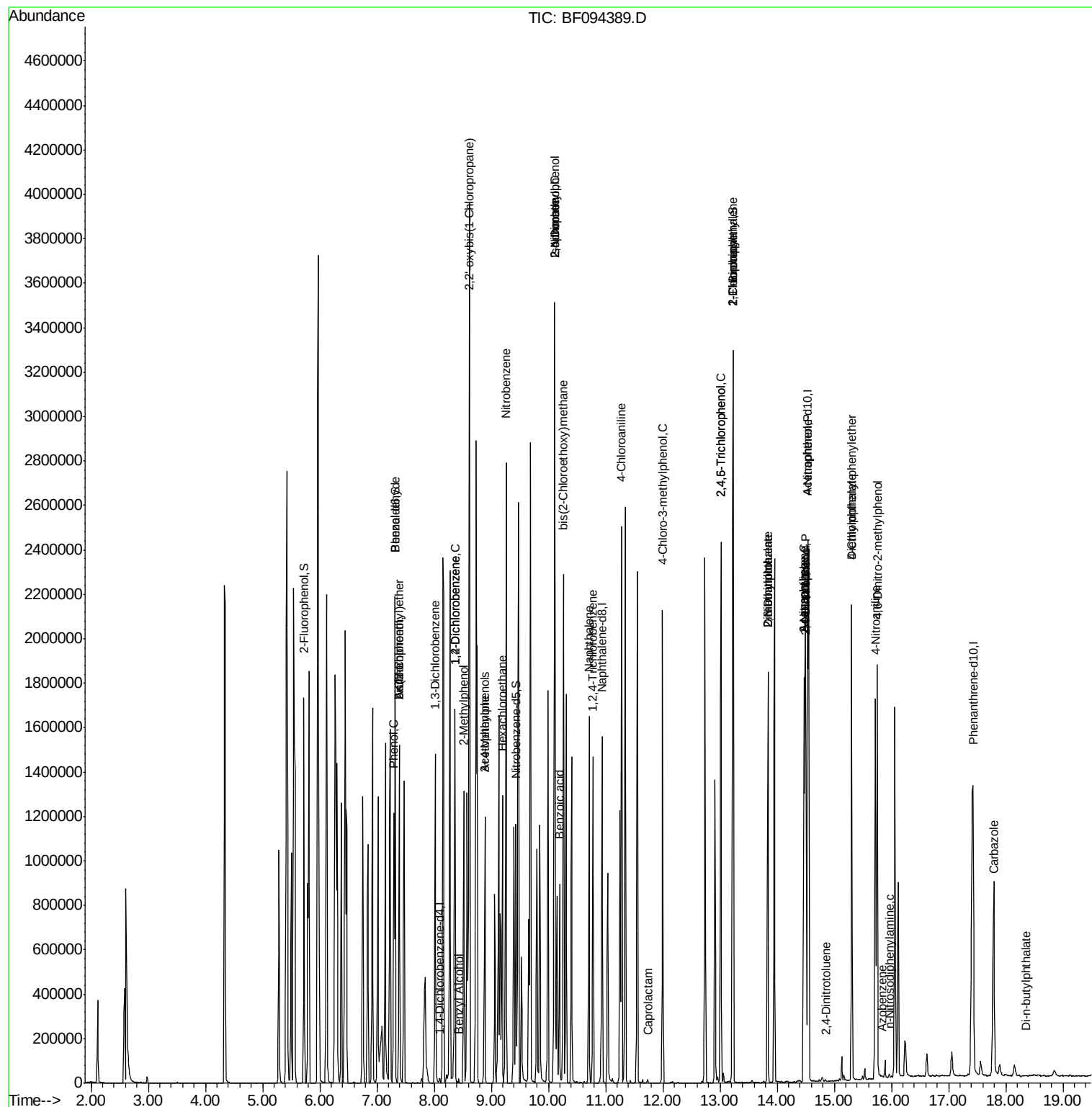
52) 3-Nitroaniline	14.46	138	5006	134.91	ng	# 1
53) 2,4-Dinitrophenol	14.50	184	3500	179.03	ng	# 58
55) 4-Nitrophenol	14.53	139	2781	91.52	ng	# 15
56) 2,4-Dinitrotoluene	14.86	165	144	3.04	ng	# 16
59) Diethylphthalate	15.30	149	1248413	8458.94	ng	# 65
60) 4-Chlorophenyl-phenylether	15.30	204	504	6.83	ng	# 26
61) 4-Nitroaniline	15.72	138	137	3.49	ng	# 1
62) Azobenzene	15.84	77	250	2.08	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.75	198	6787	1505.61	ng	# 93
65) n-Nitrosodiphenylamine	15.96	169	145	6.91	ng	# 1
72) Carbazole	17.80	167	132	3.27	ng	# 55
73) Di-n-butylphthalate	18.36	149	250	6.03	ng	# 73

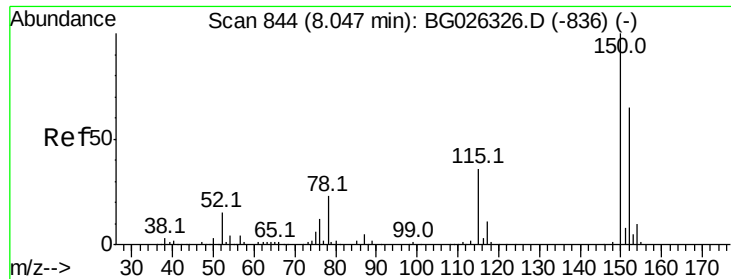
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 1057

Delta R.T. 0.06 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampleId :

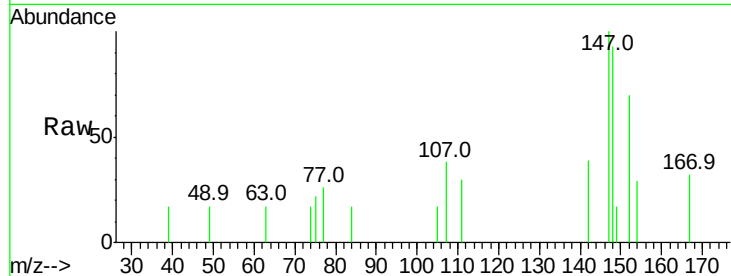
Tot Ion:152 Resp: 1184

Ion Ratio Lower Upper

152 100

150 0.0 114.0 171.0#

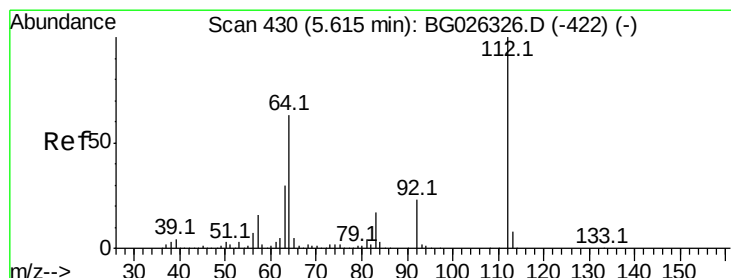
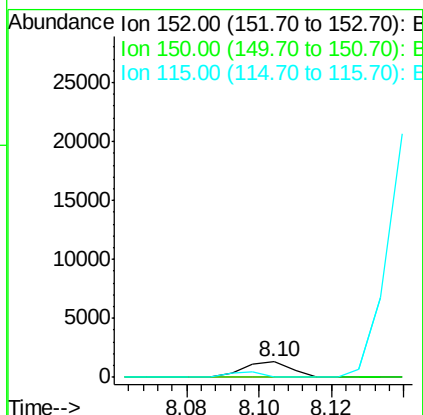
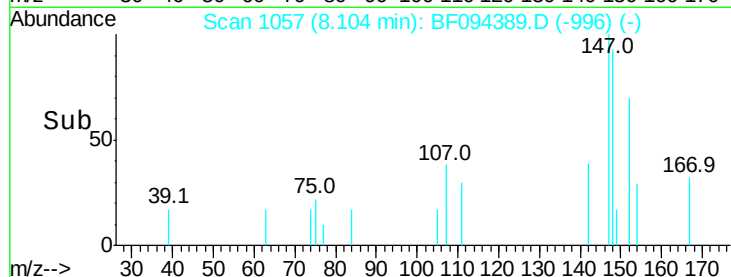
115 0.0 48.1 72.1#



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: 246.31 ng

RT: 5.72 min Scan# 652

Delta R.T. 0.11 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

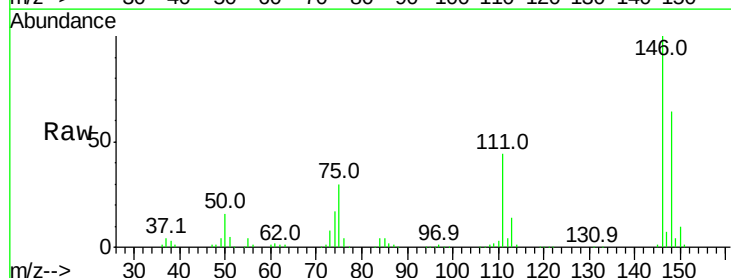
Tgt Ion:112 Resp: 16431

Ion Ratio Lower Upper

112 100

64 0.0 61.8 92.6#

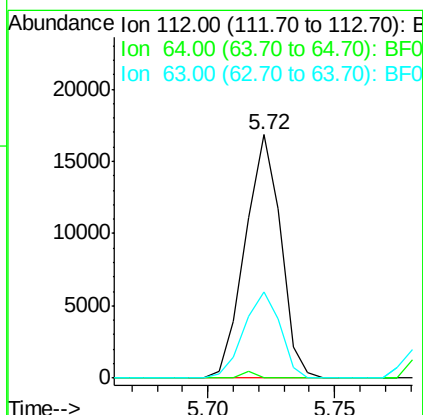
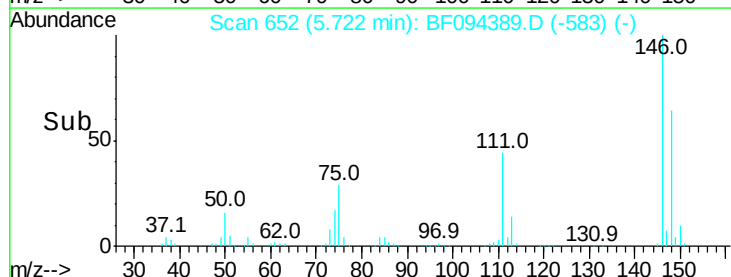
63 35.6 37.2 55.8#

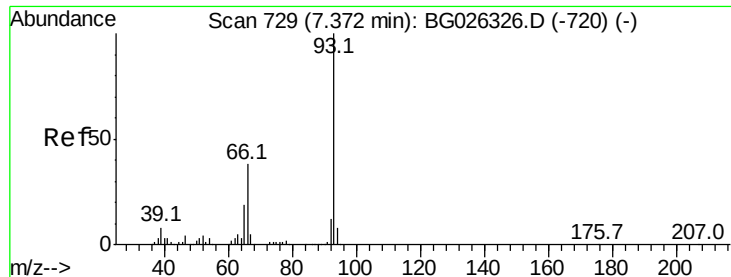


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 60.60 ng

RT: 7.39 min Scan# 936

Delta R.T. 0.02 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampleId :

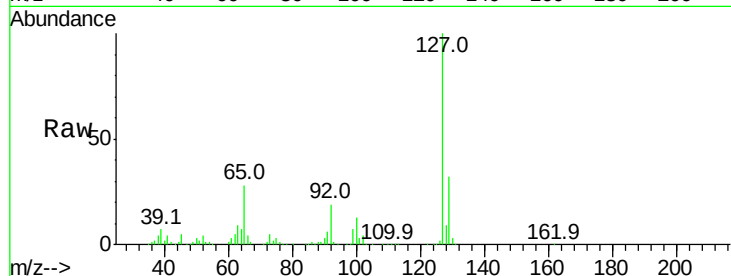
Tot Ion: 93 Resp: 7250

Ion Ratio Lower Upper

93 100

66 251.2 35.4 53.2#

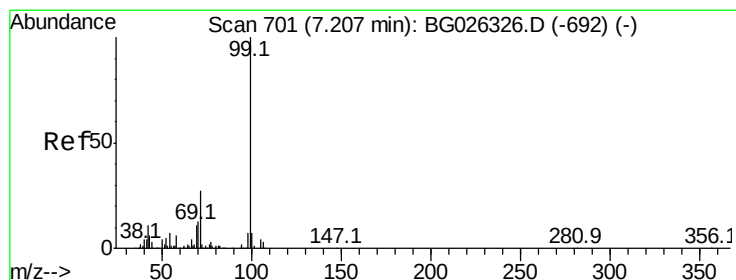
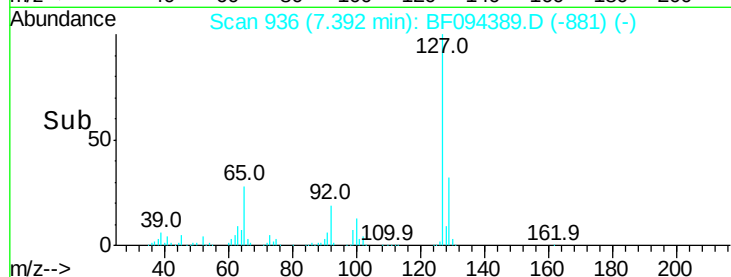
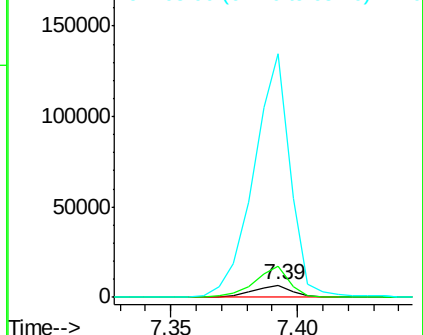
65 1987.0 21.2 31.8#



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: 90.21 ng

RT: 7.32 min Scan# 923

Delta R.T. 0.11 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

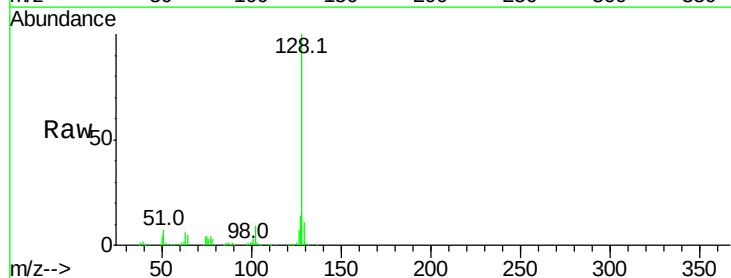
Tgt Ion: 99 Resp: 8079

Ion Ratio Lower Upper

99 100

42 0.0 20.5 30.7#

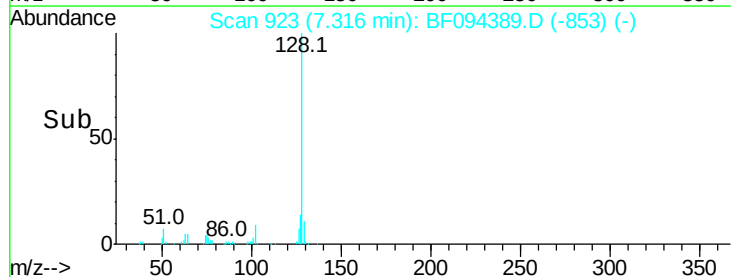
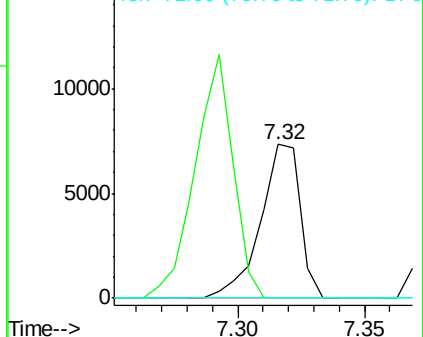
71 0.0 37.6 56.4#

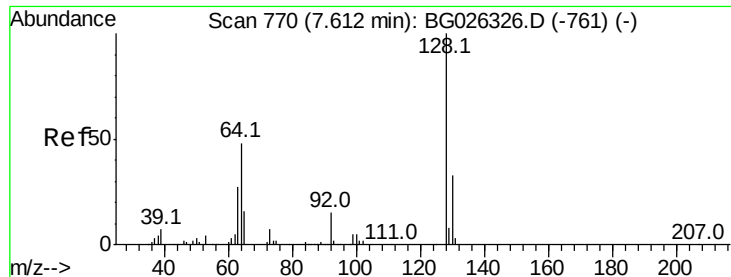


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 545.90 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.22 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampleId :

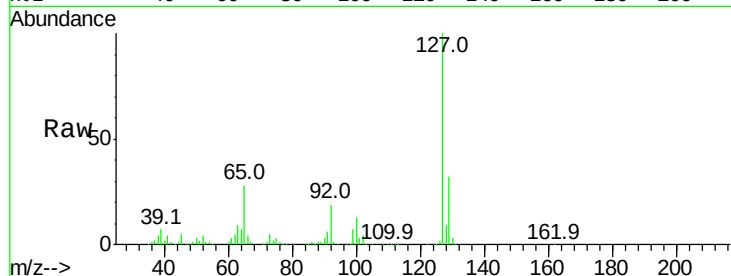
Tot Ion:128 Resp: 41006

Ion Ratio Lower Upper

128 100

130 28.1 11.4 51.4

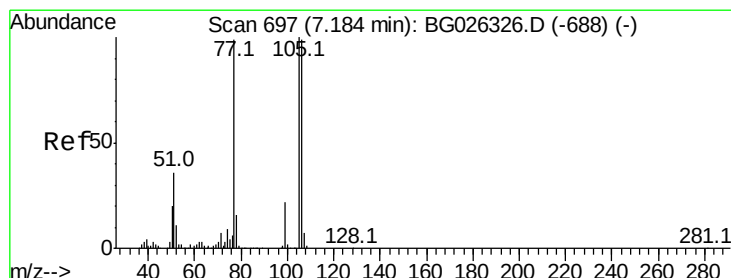
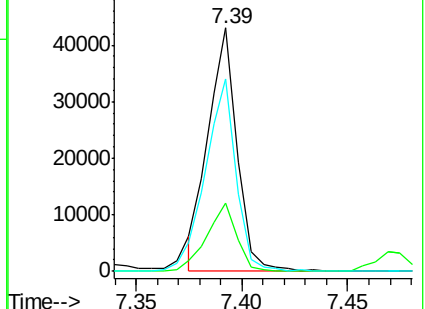
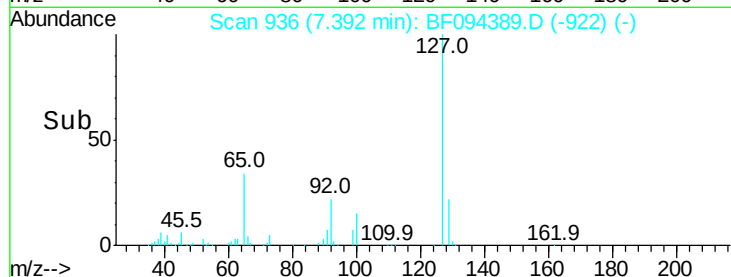
64 78.8 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 781.57 ng

RT: 7.32 min Scan# 923

Delta R.T. 0.13 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

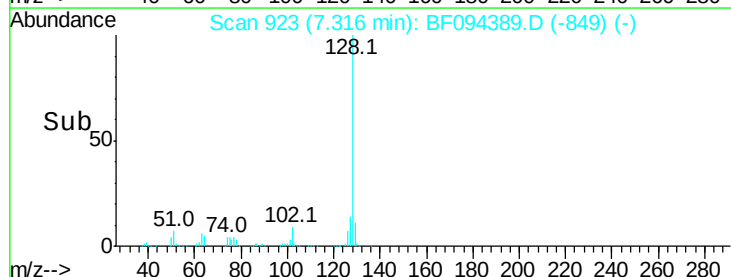
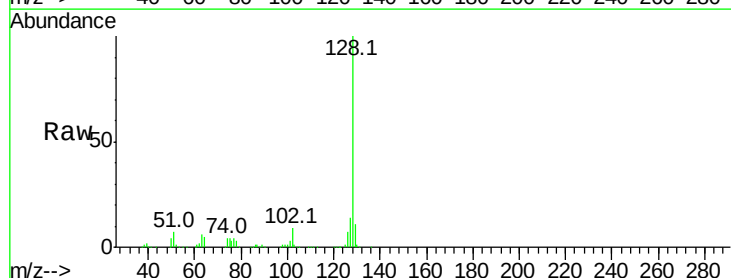
Tgt Ion: 77 Resp: 47252

Ion Ratio Lower Upper

77 100

105 1.6 60.9 100.9#

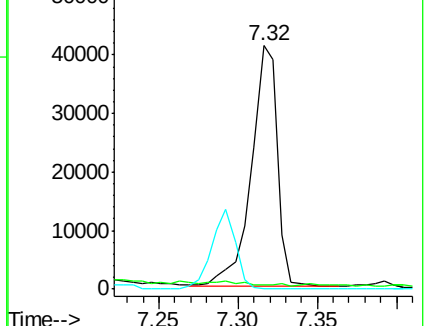
106 0.0 55.1 95.1#

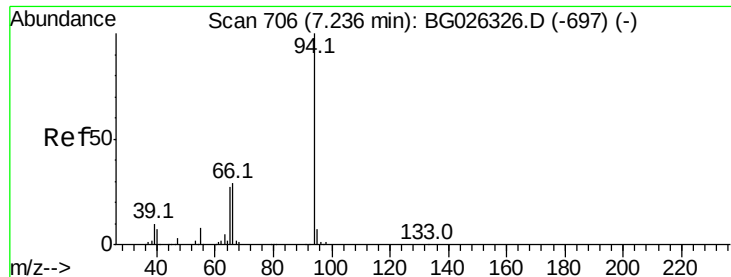


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 46.07 ng

RT: 7.29 min Scan# 919

Delta R.T. 0.06 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampleId :

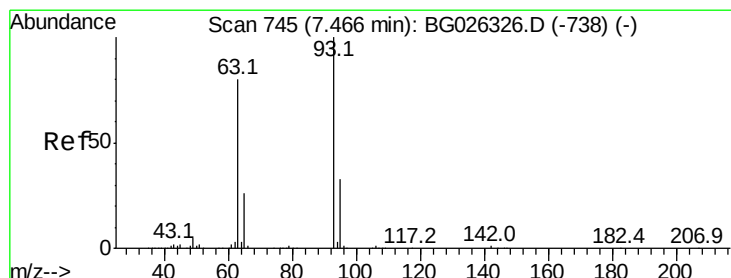
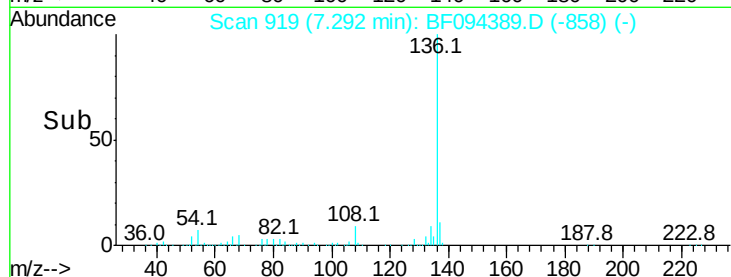
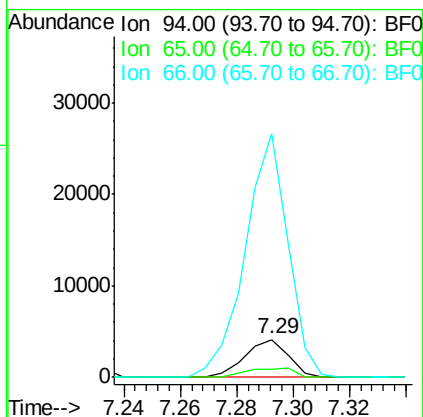
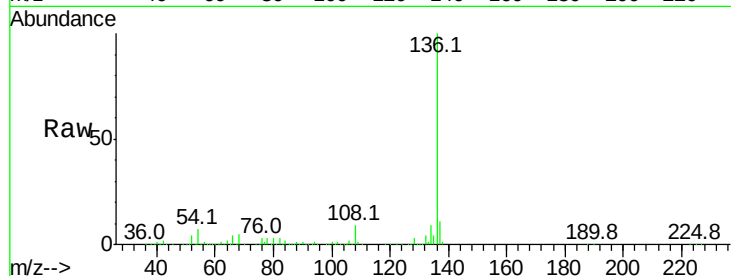
Tot Ion: 94 Resp: 4403

Ion Ratio Lower Upper

94 100

65 22.9 20.6 60.6

66 648.9 35.5 75.5#



#11

bis(2-Chloroethyl)ether

Concen: 92.51 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.07 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

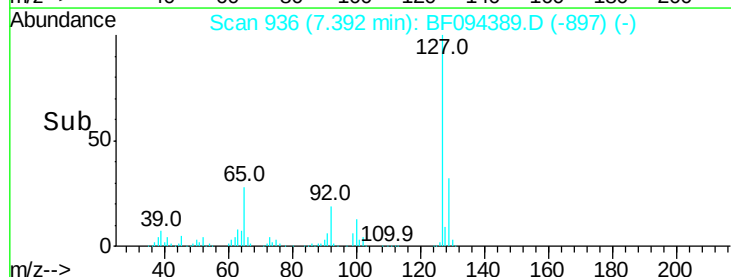
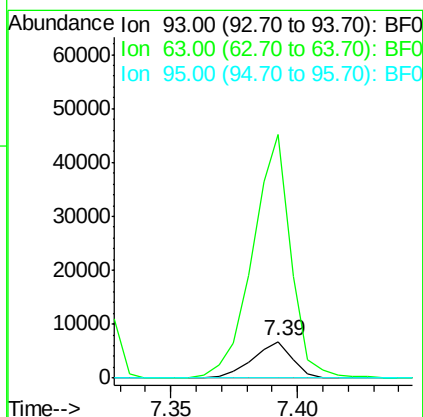
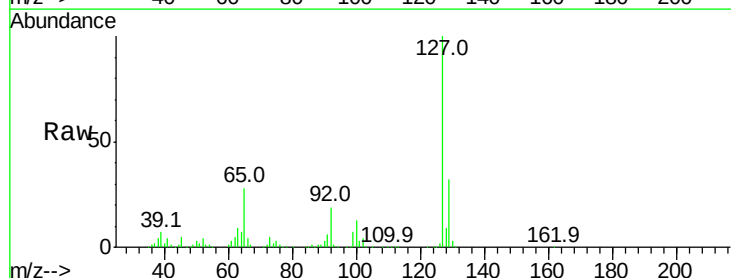
Tgt Ion: 93 Resp: 7250

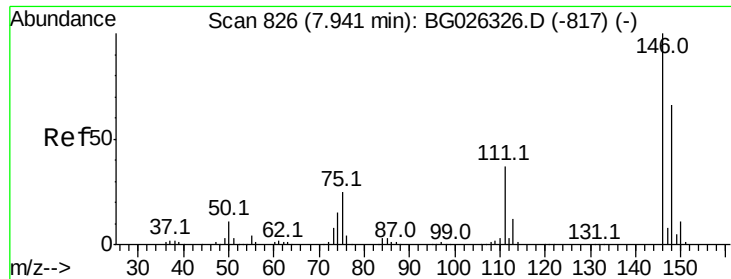
Ion Ratio Lower Upper

93 100

63 666.4 78.5 118.5#

95 0.0 9.8 49.8#

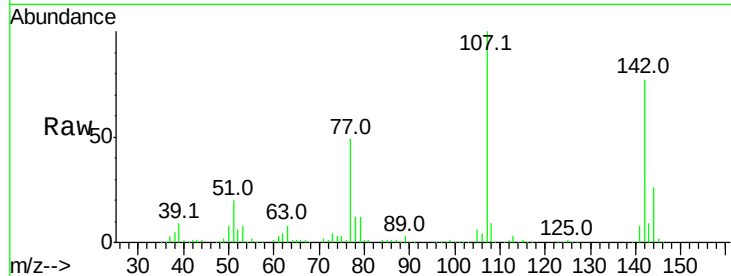




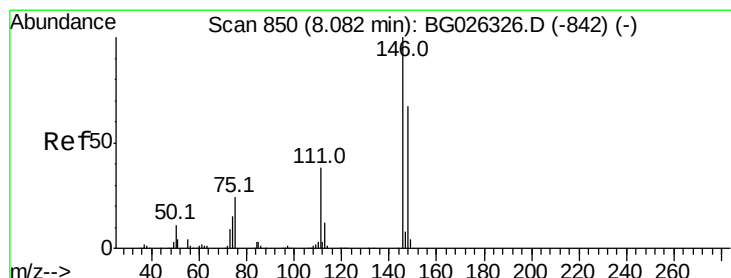
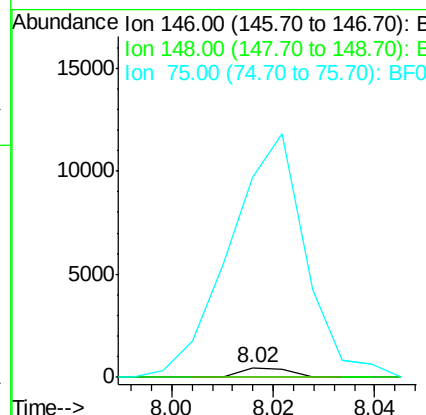
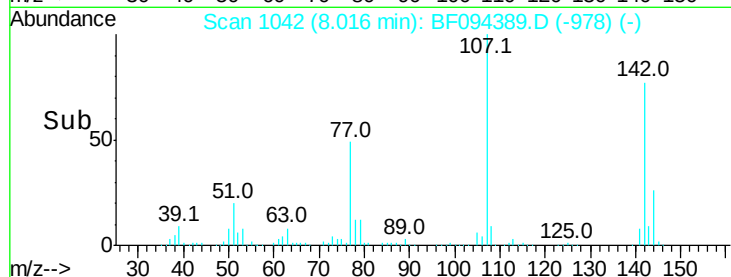
#12
 1,3-Dichlorobenzene
 Concen: 3.40 ng
 RT: 8.02 min Scan# 1042
 Delta R.T. 0.07 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 304
 Ion Ratio Lower Upper
 146 100
 148 0.0 49.2 73.8#
 75 2064.9 33.4 50.2#

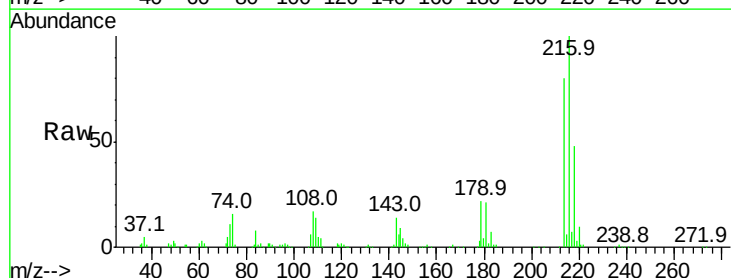


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

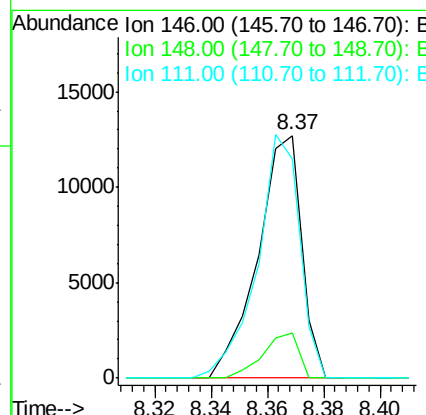
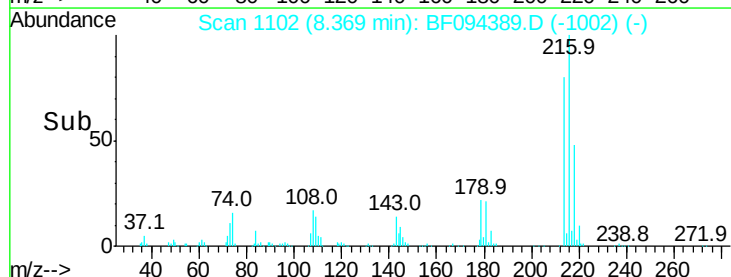


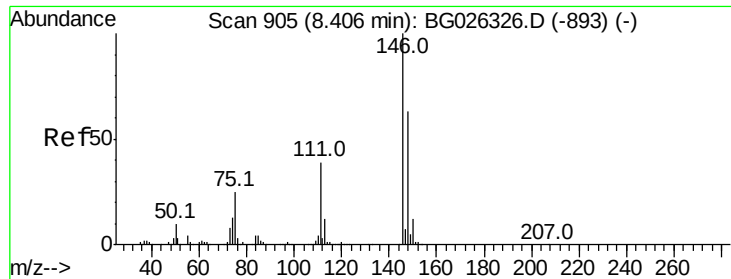
#13
 1,4-Dichlorobenzene
 Concen: 151.50 ng
 RT: 8.37 min Scan# 1102
 Delta R.T. 0.29 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

Tgt Ion:146 Resp: 13704
 Ion Ratio Lower Upper
 146 100
 148 18.6 52.2 78.2#
 111 90.5 37.0 55.6#



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





#14

1,2-Dichlorobenzene

Concen: 158.30 ng

RT: 8.37 min Scan# 1102

Delta R.T. -0.04 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampleId :

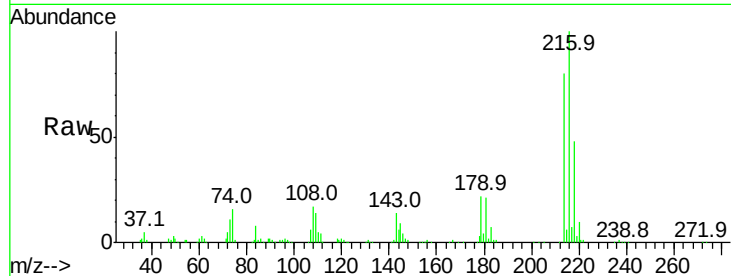
Tot Ion:146 Resp: 13704

Ion Ratio Lower Upper

146 100

148 18.6 54.6 81.8#

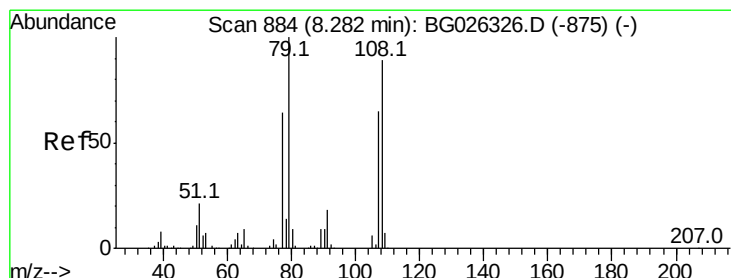
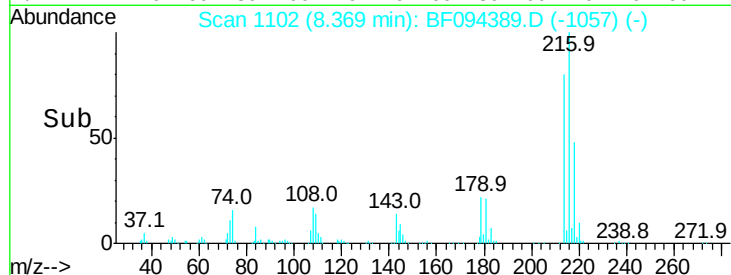
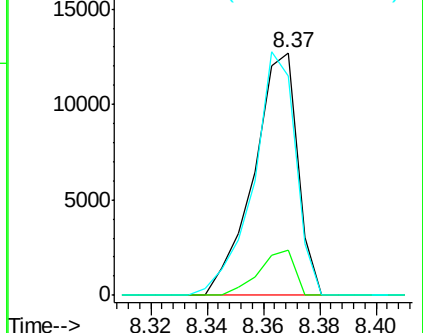
111 90.5 39.7 59.5#



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



#15

Benzyl Alcohol

Concen: 2.86 ng

RT: 8.43 min Scan# 1113

Delta R.T. 0.15 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

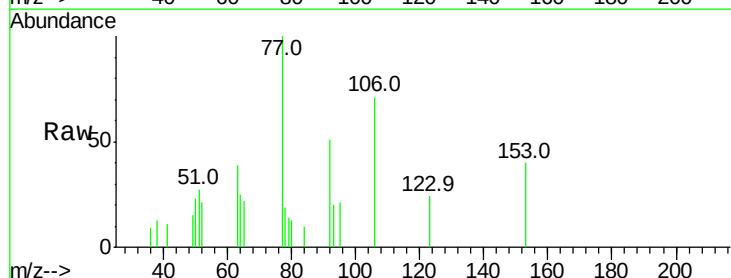
Tgt Ion: 79 Resp: 168

Ion Ratio Lower Upper

79 100

108 0.0 45.5 68.3#

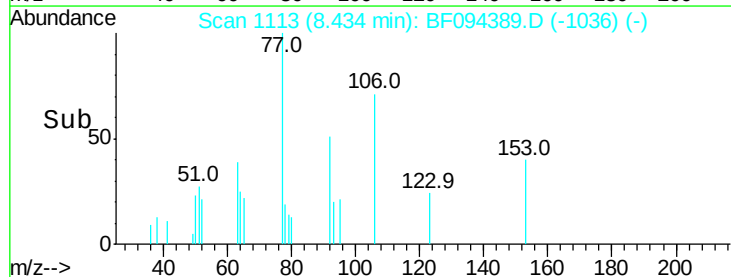
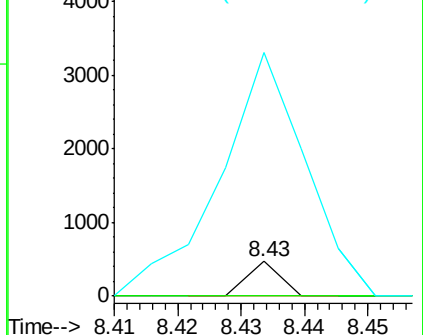
77 696.8 54.3 81.5#

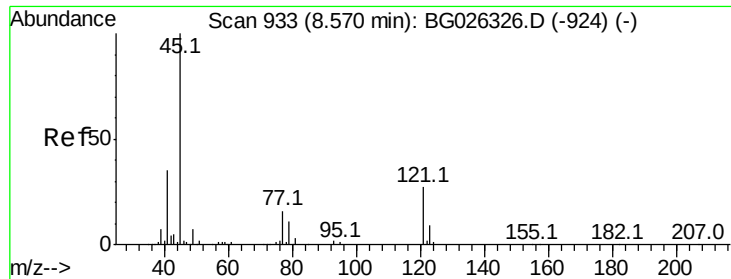


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

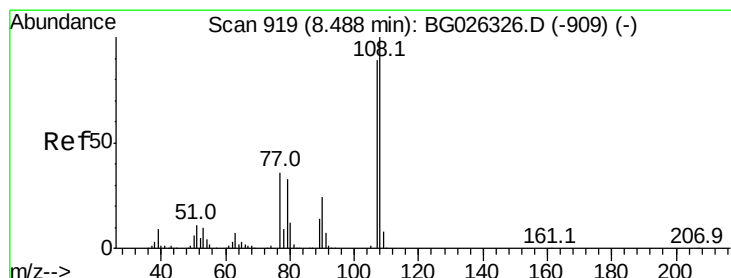
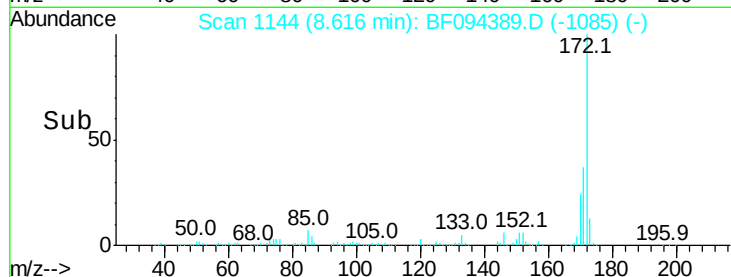
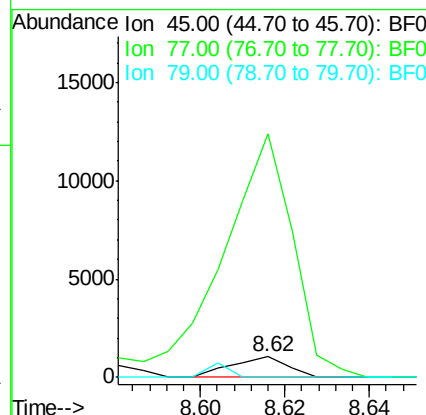
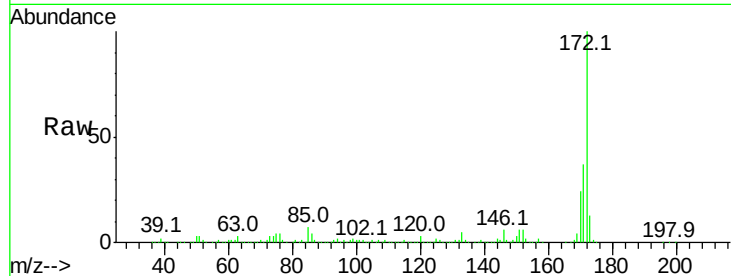




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 11.05 ng
RT: 8.62 min Scan# 1144
Delta R.T. 0.05 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

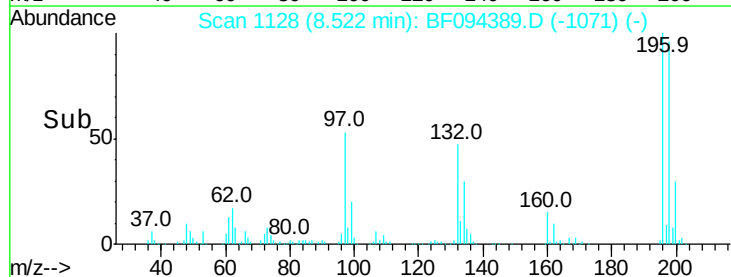
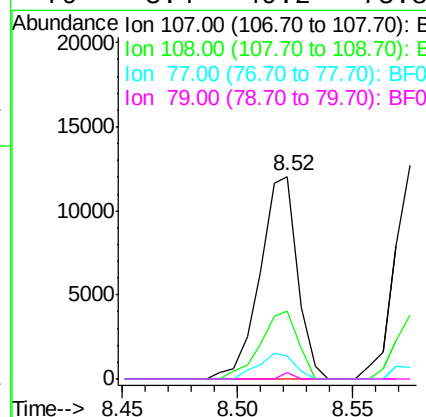
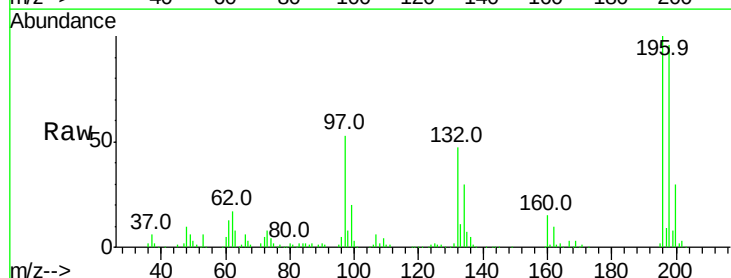
Instrument :
BNA_F
ClientSampleId :

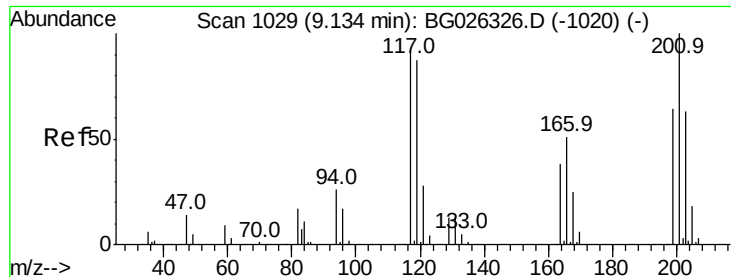
Tot Ion: 45 Resp: 962
Ion Ratio Lower Upper
45 100
77 1191.6 0.0 30.6#
79 0.0 0.0 28.5



#17
2-Methylphenol
Concen: 199.79 ng
RT: 8.52 min Scan# 1128
Delta R.T. 0.03 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Tgt Ion:107 Resp: 13560
Ion Ratio Lower Upper
107 100
108 33.6 85.6 128.4#
77 11.3 51.4 77.2#
79 3.4 49.2 73.8#

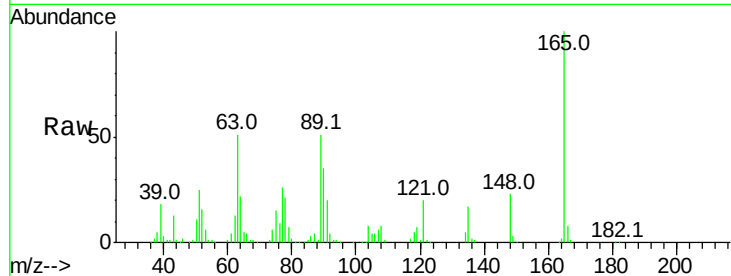




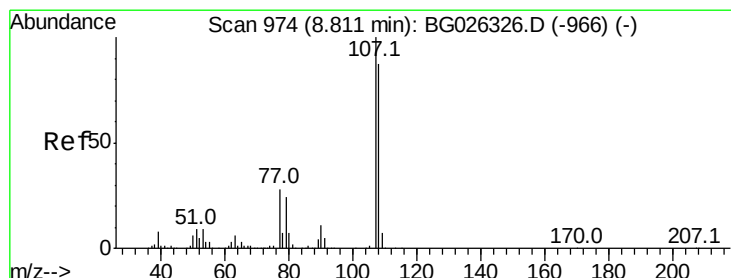
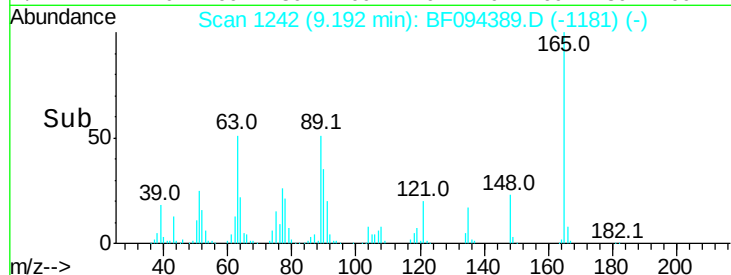
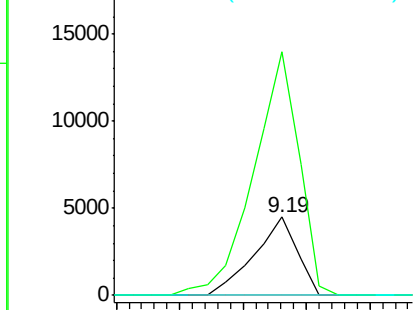
#18
Hexachloroethane
Concen: 143.18 ng
RT: 9.19 min Scan# 1242
Delta R.T. 0.06 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 4235
Ion Ratio Lower Upper
117 100
119 311.1 69.8 104.6#
201 0.0 95.4 143.0#

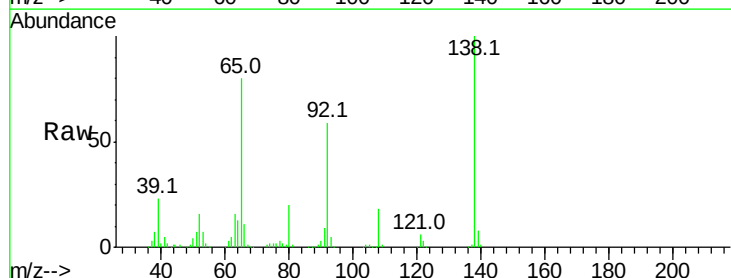


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

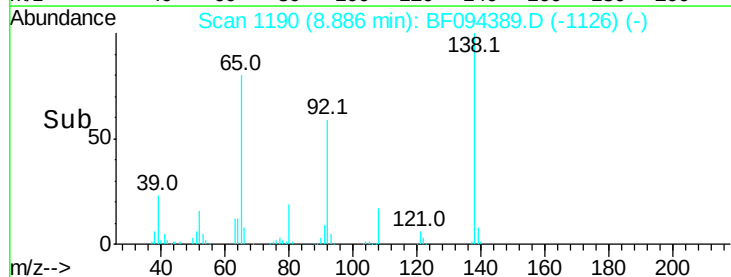
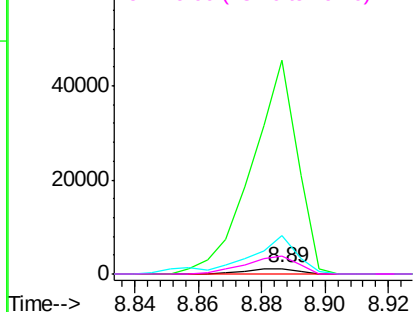


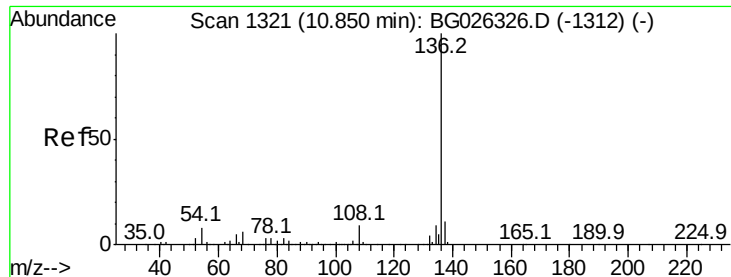
#20
3+4-Methylphenols
Concen: 13.45 ng
RT: 8.89 min Scan# 1190
Delta R.T. 0.08 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Tgt Ion:107 Resp: 1257
Ion Ratio Lower Upper
107 100
108 4020.5 70.8 110.8#
77 728.9 25.8 65.8#
79 327.6 20.1 60.1#



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

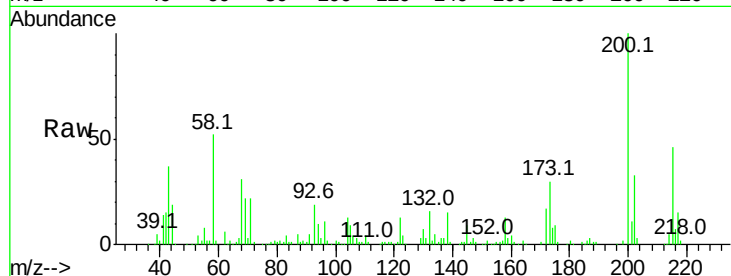




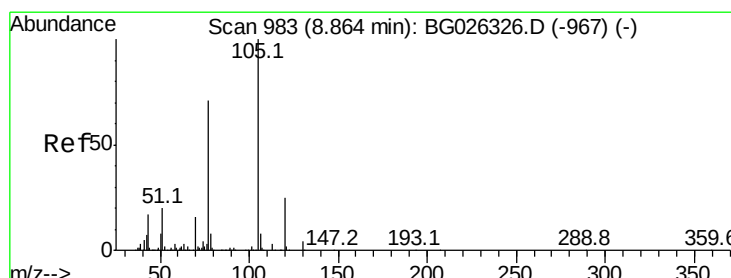
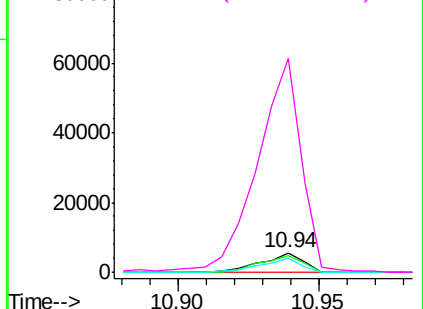
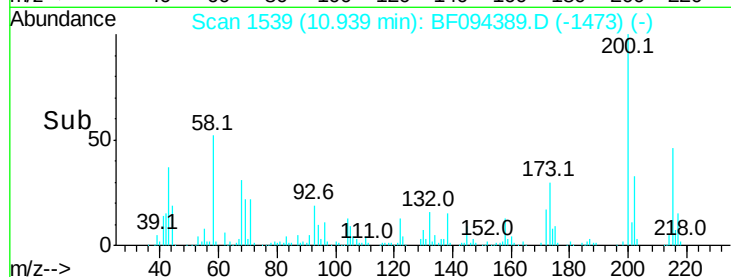
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1539
Delta R.T. 0.09 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 5773
Ion Ratio Lower Upper
136 100
137 87.5 8.9 13.3#
54 70.0 9.3 13.9#
68 1082.2 5.1 7.7#

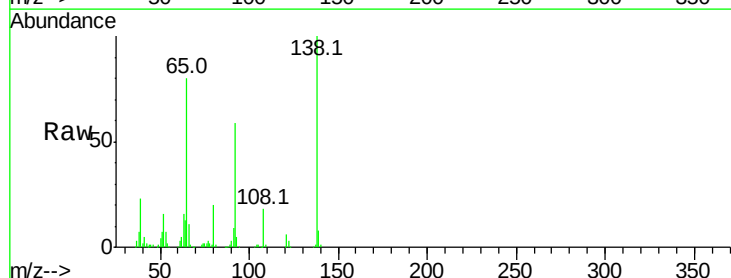


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

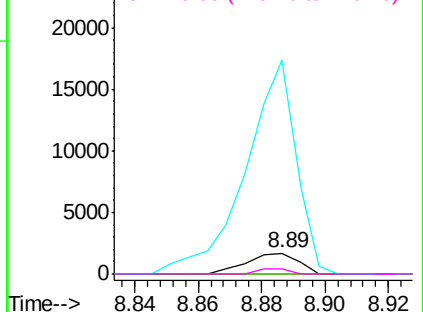
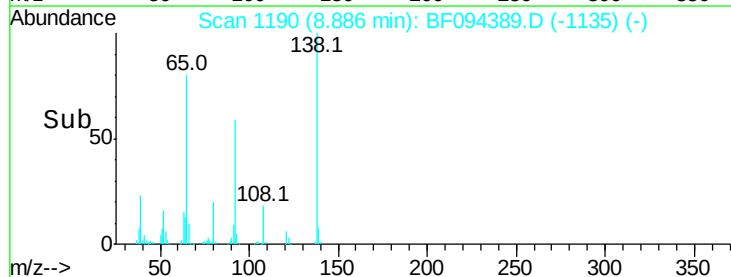


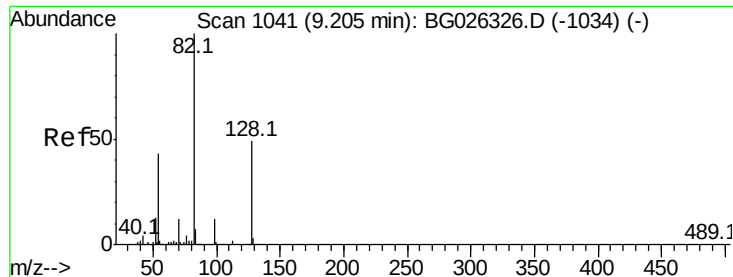
#22
Acetophenone
Concen: 14.38 ng
RT: 8.89 min Scan# 1190
Delta R.T. 0.02 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Tgt Ion:105 Resp: 1909
Ion Ratio Lower Upper
105 100
71 0.0 0.9 1.3#
51 1021.4 34.0 51.0#
120 23.3 17.3 25.9



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

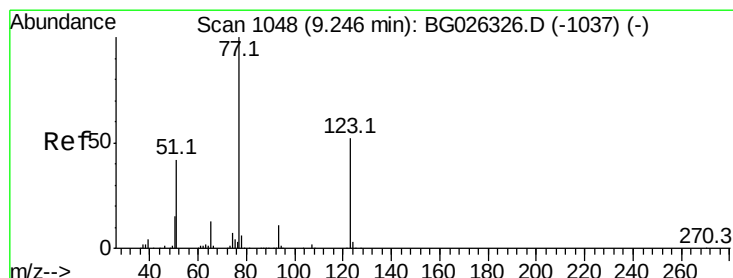
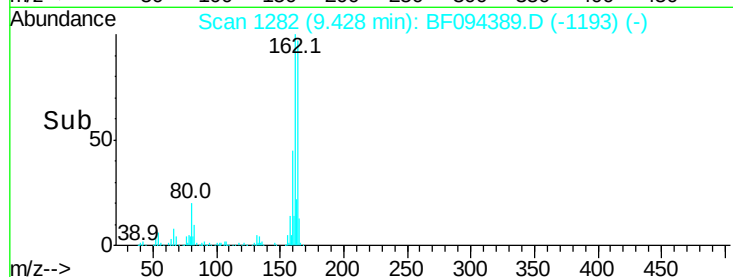
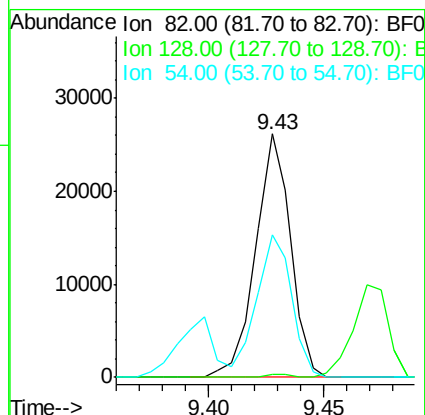
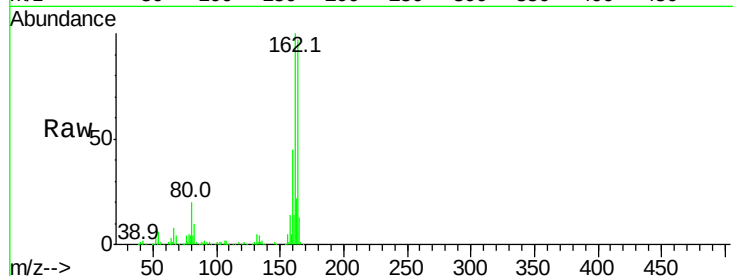




#23
 Nitrobenzene-d5
 Concen: 287.23 ng
 RT: 9.43 min Scan# 1282
 Delta R.T. 0.22 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

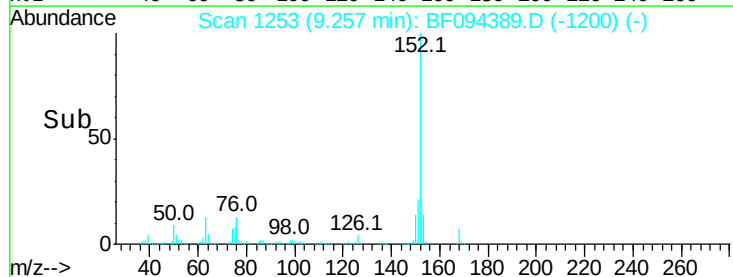
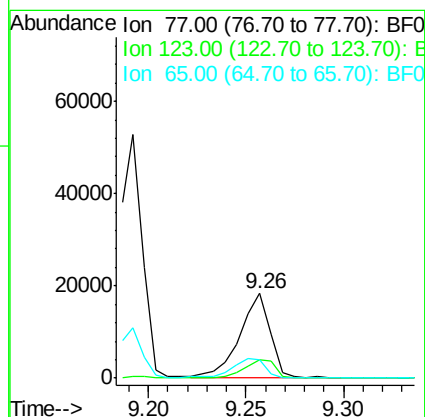
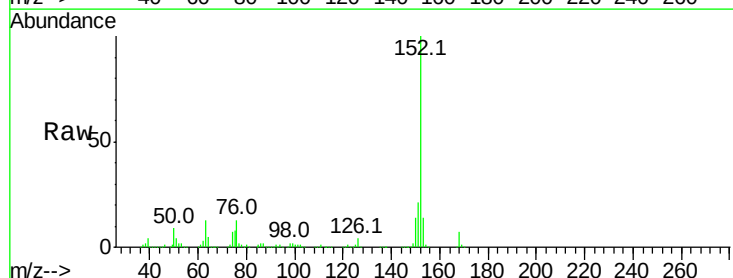
Instrument :
 BNA_F
 ClientSampleId :

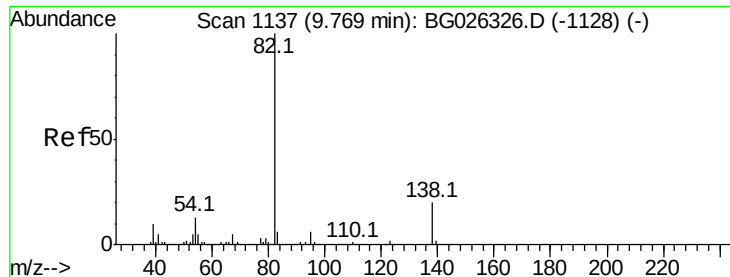
Tot Ion	82	Resp	27577
Ion	Ratio	Lower	Upper
82	100		
128	1.3	26.4	39.6#
54	58.3	49.4	74.2



#24
 Nitrobenzene
 Concen: 210.98 ng
 RT: 9.26 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

Tgt Ion	77	Resp	20001
Ion	Ratio	Lower	Upper
77	100		
123	21.7	26.1	39.1#
65	21.0	12.4	18.6#





#25

Isophorone

Concen: 503.97 ng

RT: 10.10 min Scan# 1397

Delta R.T. 0.34 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampleId :

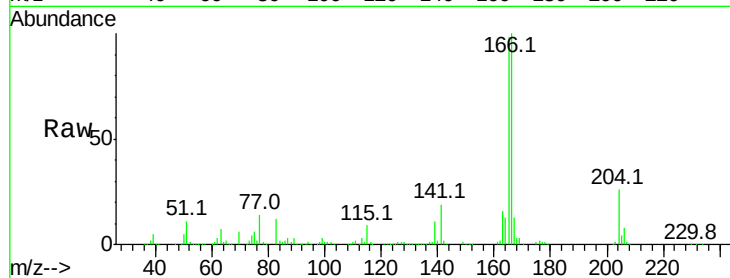
Tot Ion: 82 Resp: 91197

Ion Ratio Lower Upper

82 100

95 0.4 7.5 11.3#

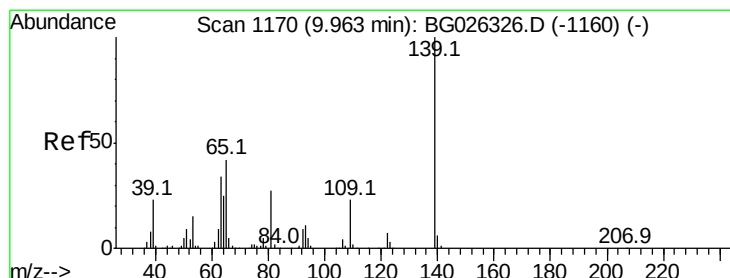
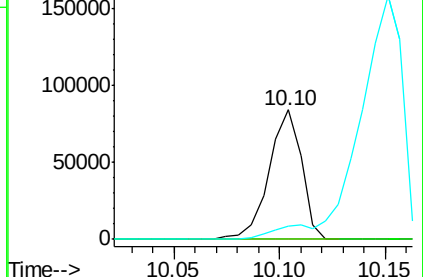
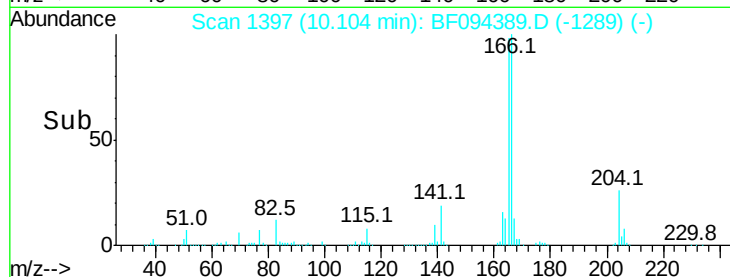
138 9.8 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 1918.08 ng

RT: 10.10 min Scan# 1397

Delta R.T. 0.14 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

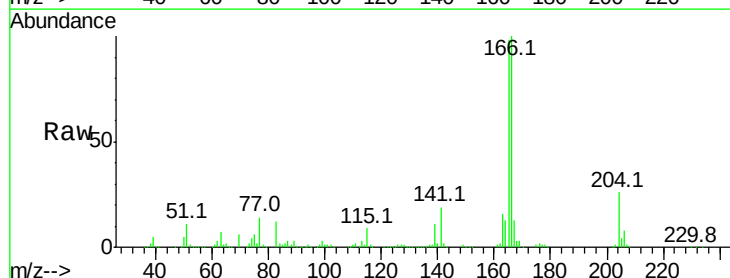
Tgt Ion:139 Resp: 94614

Ion Ratio Lower Upper

139 100

109 2.7 38.6 58.0#

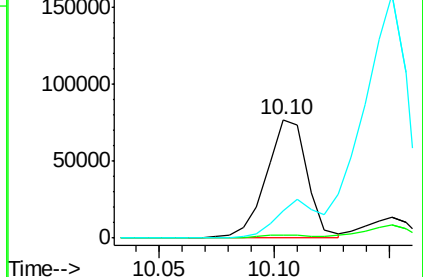
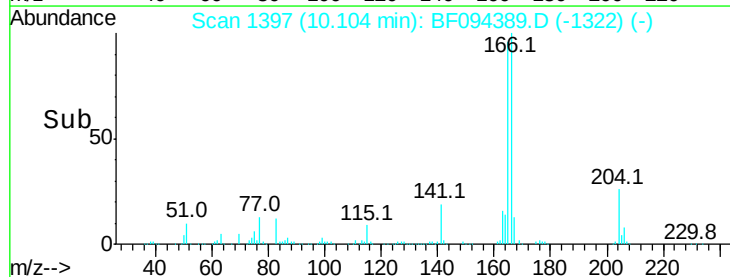
65 23.0 57.1 85.7#

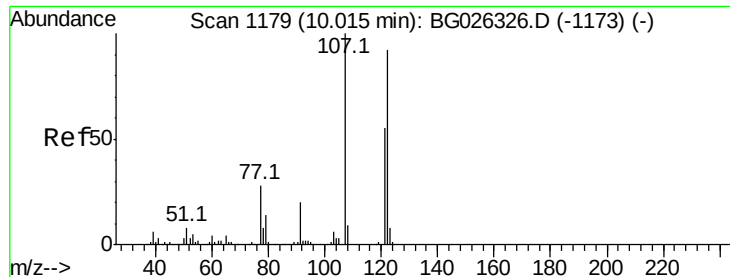


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

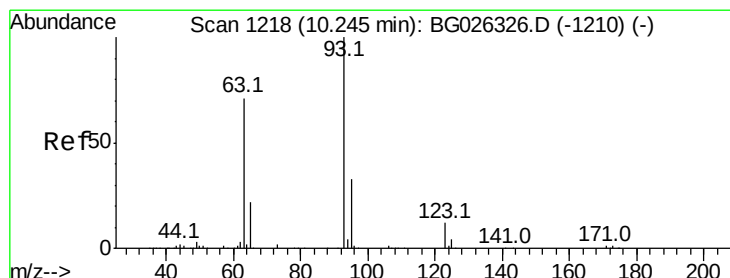
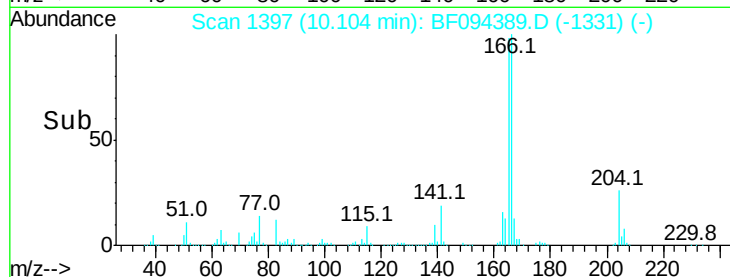
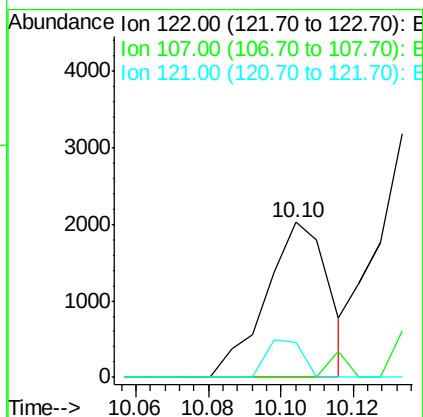
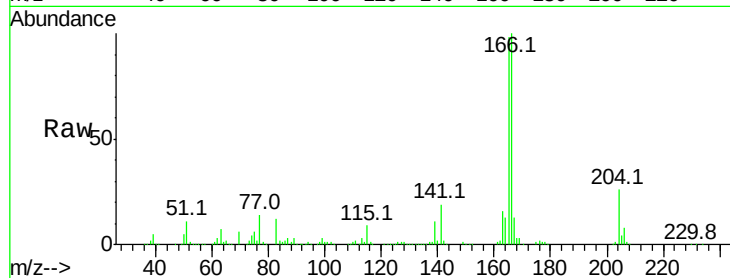




#27
 2,4-Dimethylphenol
 Concen: 30.07 ng
 RT: 10.10 min Scan# 1397
 Delta R.T. 0.09 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

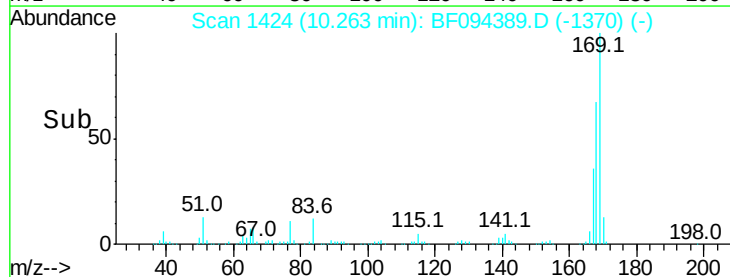
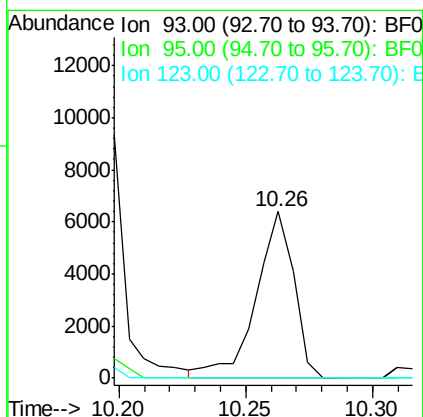
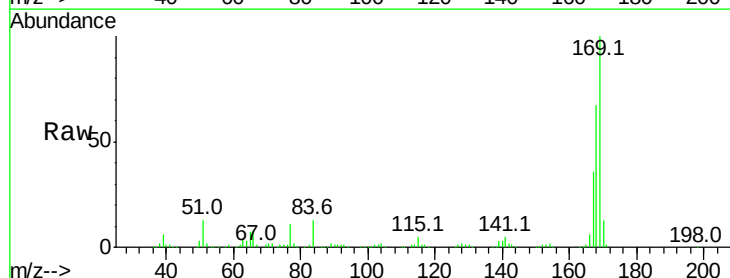
Instrument :
 BNA_F
 ClientSampled :

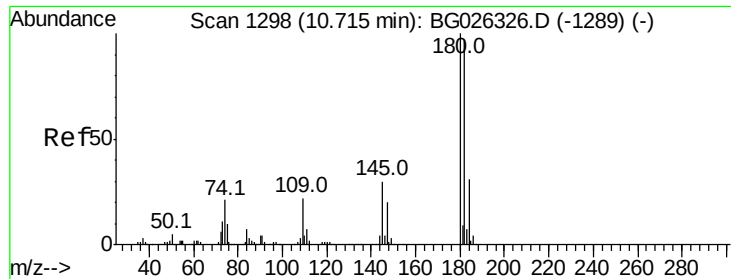
Tot Ion:122 Resp: 2435
 Ion Ratio Lower Upper
 122 100
 107 0.0 104.2 156.4#
 121 22.3 46.0 69.0#



#28
 bis(2-Chloroethoxy)methane
 Concen: 56.83 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. 0.02 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

Tgt Ion: 93 Resp: 6681
 Ion Ratio Lower Upper
 93 100
 95 0.0 25.7 38.5#
 123 0.0 8.3 12.5#

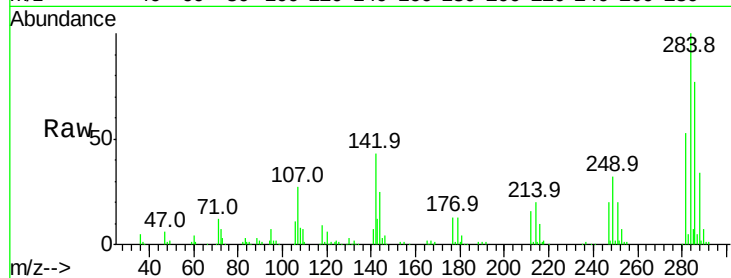




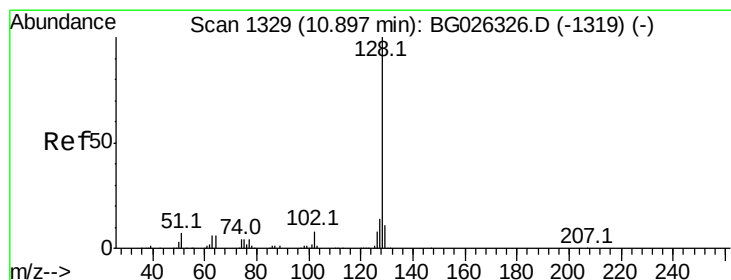
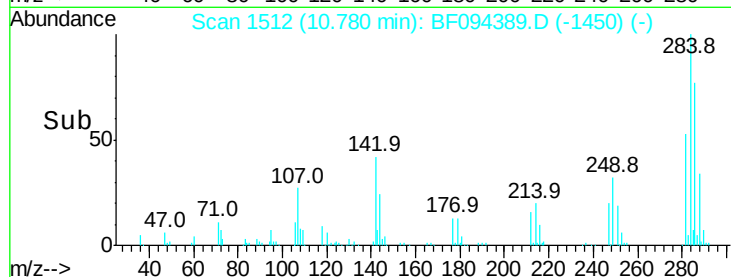
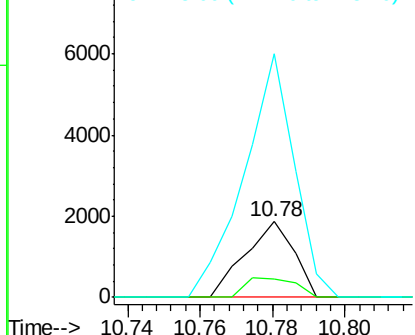
#30
 1,2,4-Trichlorobenzene
 Concen: 18.99 ng
 RT: 10.78 min Scan# 1512
 Delta R.T. 0.07 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 1747
 Ion Ratio Lower Upper
 180 100
 182 24.4 77.0 115.4#
 145 321.8 23.4 35.0#

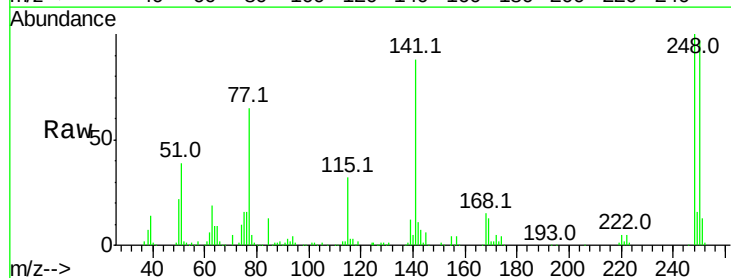


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

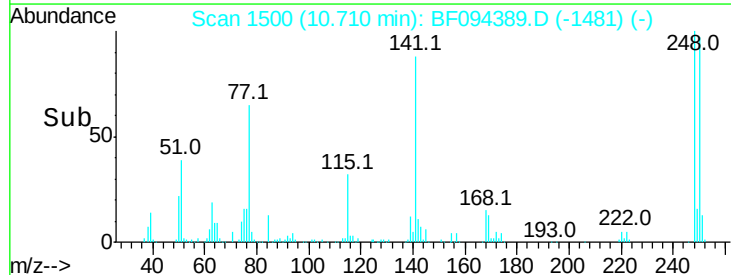
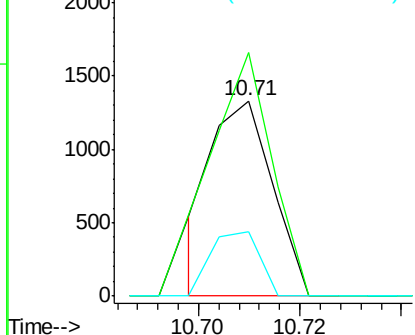


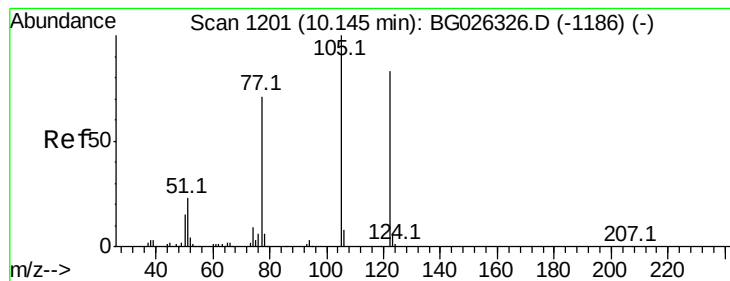
#31
 Naphthalene
 Concen: 3.79 ng
 RT: 10.71 min Scan# 1500
 Delta R.T. -0.19 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

Tgt Ion:128 Resp: 1107
 Ion Ratio Lower Upper
 128 100
 129 124.8 9.3 13.9#
 127 33.3 11.4 17.0#



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 111.60 ng

RT: 10.19 min Scan# 1412

Delta R.T. 0.05 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampled :

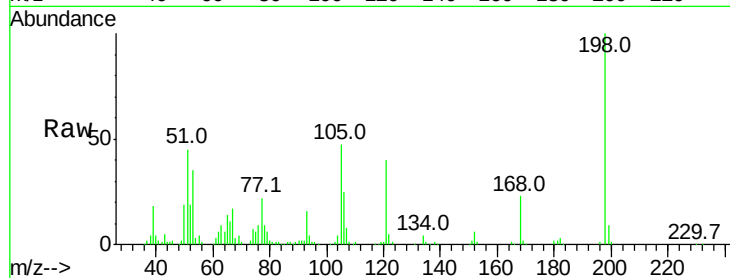
Tot Ion:122 Resp: 6953

Ion Ratio Lower Upper

122 100

105 878.6 120.1 160.1#

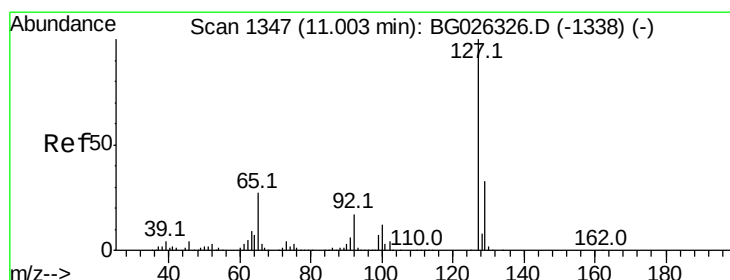
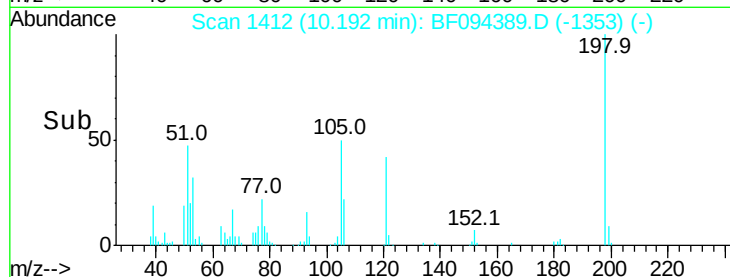
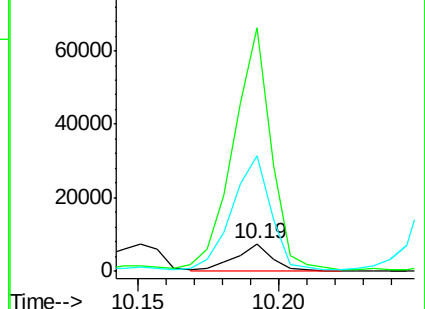
77 415.3 104.6 144.6#



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: 52.01 ng

RT: 11.28 min Scan# 1597

Delta R.T. 0.28 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Tgt Ion:127 Resp: 6175

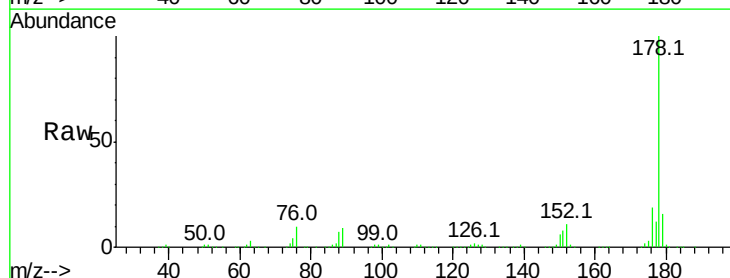
Ion Ratio Lower Upper

127 100

129 13.4 23.6 35.4#

65 28.2 37.7 56.5#

92 0.0 17.6 26.4#

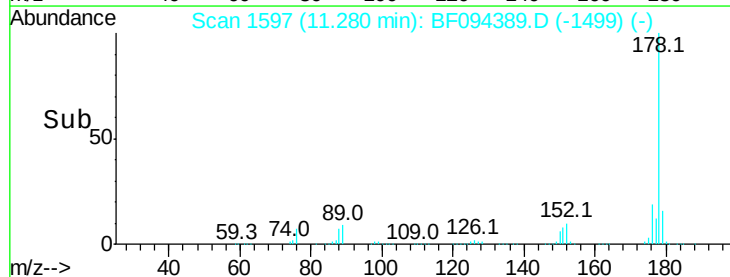
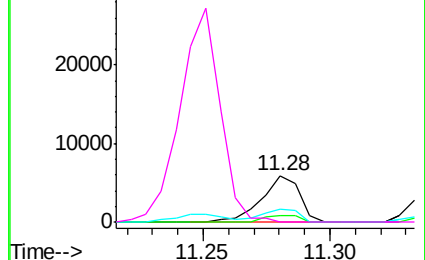


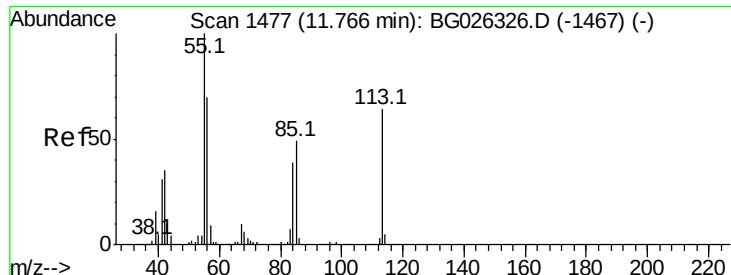
Abundance Ion 127.00 (126.70 to 127.70): E

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: 9.05 ng

RT: 11.73 min Scan# 1674

Delta R.T. -0.03 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampleId :

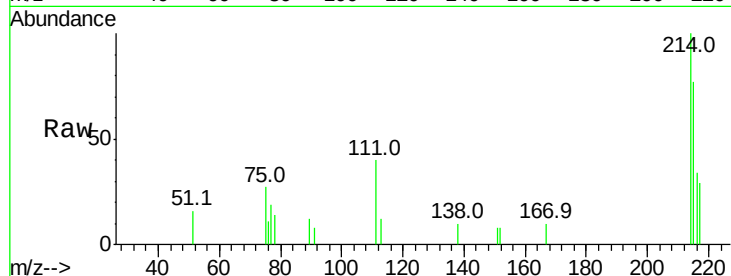
Tot Ion:113 Resp: 292

Ion Ratio Lower Upper

113 100

55 0.0 198.6 238.6#

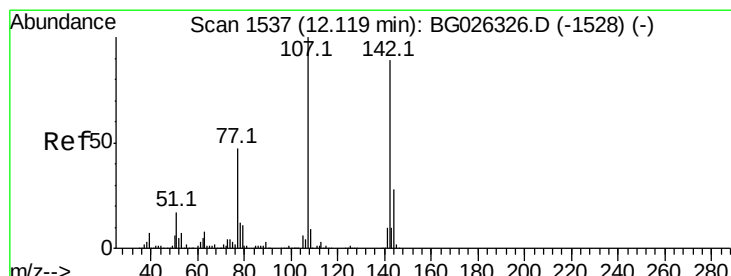
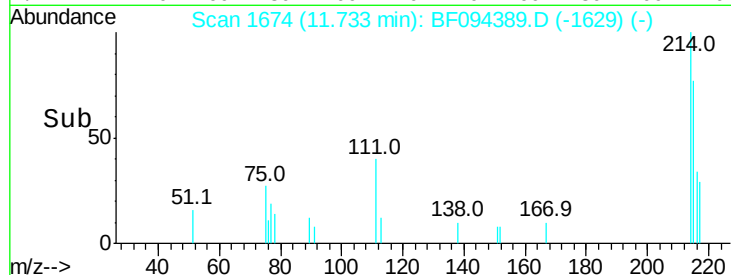
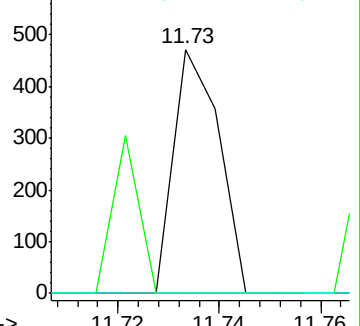
56 0.0 140.4 180.4#



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: 9.98 ng

RT: 12.00 min Scan# 1719

Delta R.T. -0.12 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

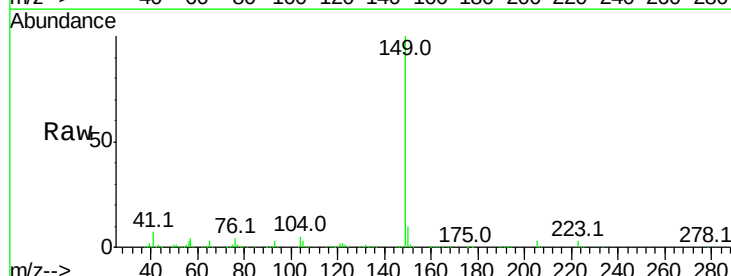
Tgt Ion:107 Resp: 874

Ion Ratio Lower Upper

107 100

144 0.0 17.4 26.0#

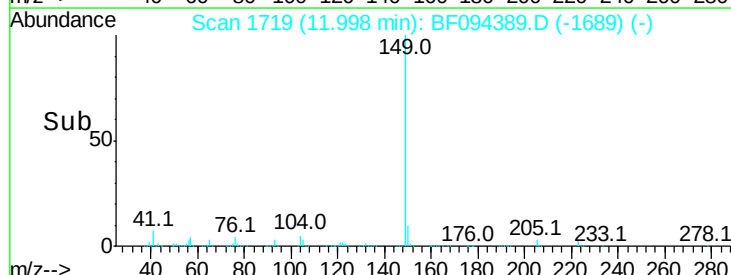
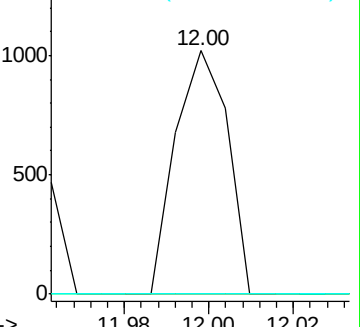
142 0.0 54.1 81.1#

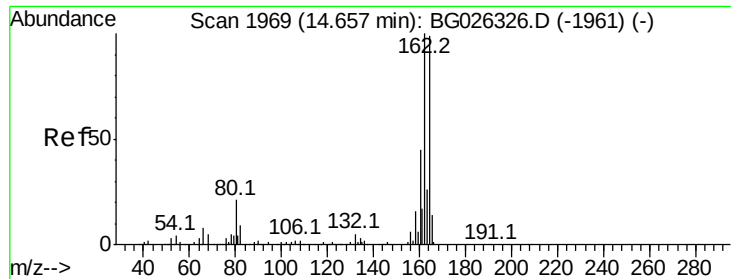


Abundance Ion 107.00 (106.70 to 107.70): E

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: 14.53 min Scan# 2150

Delta R.T. -0.12 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampleId :

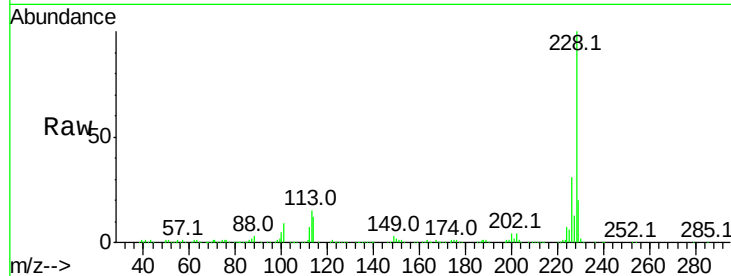
Tot Ion:164 Resp: 1913

Ion Ratio Lower Upper

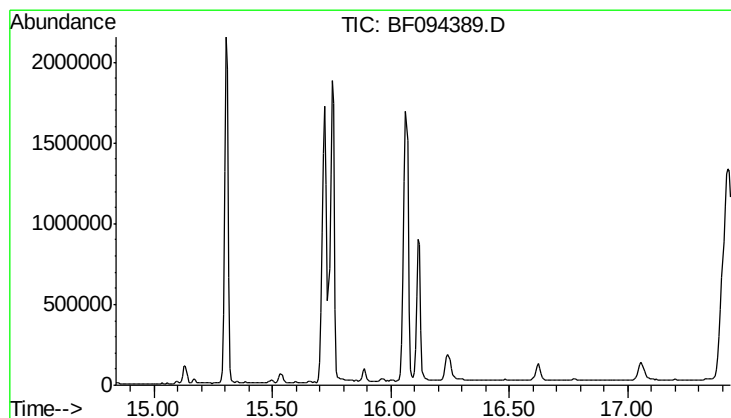
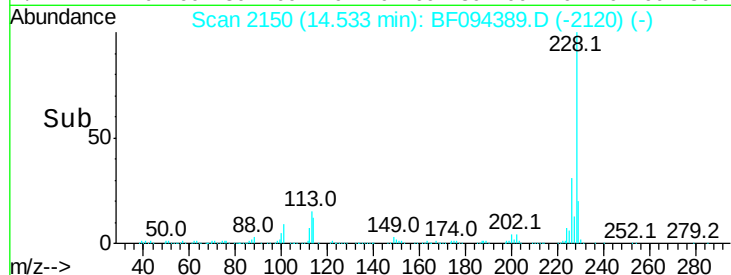
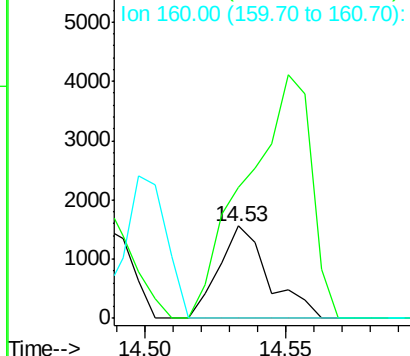
164 100

162 141.2 85.1 127.7#

160 0.0 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



#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 16.14 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

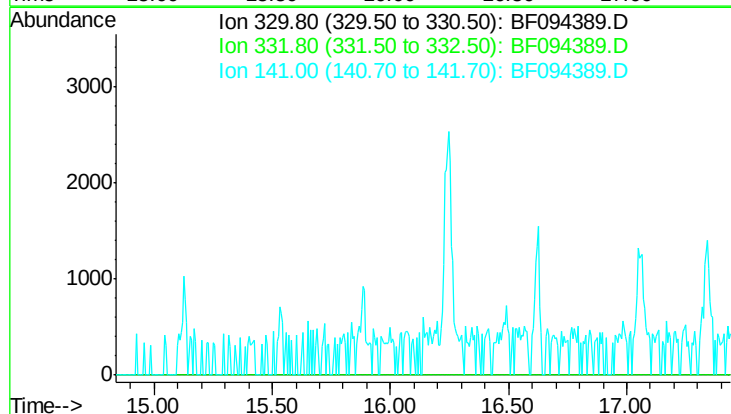
Tgt Ion: 330

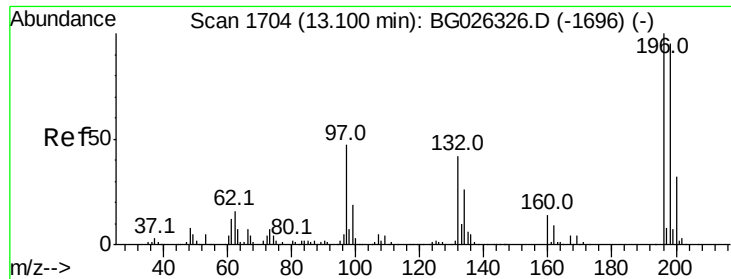
Sig Exp Ratio

330 100

332 96.6

141 40.1

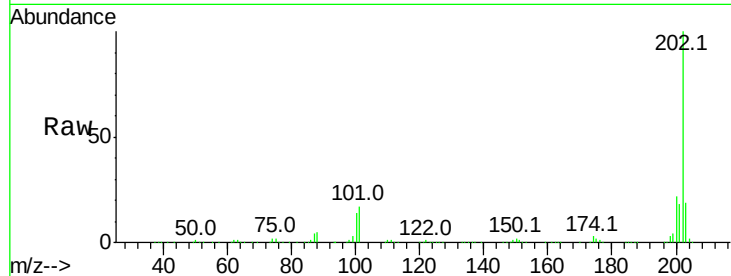




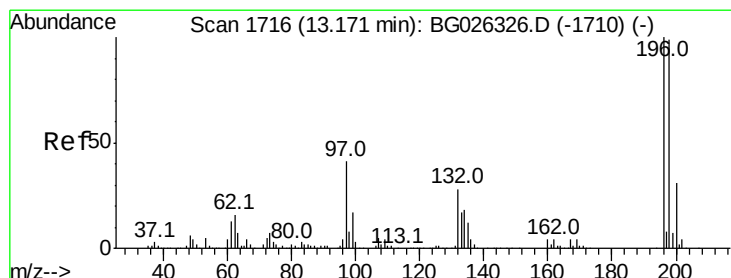
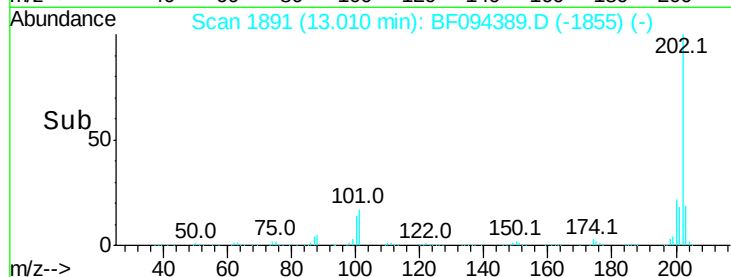
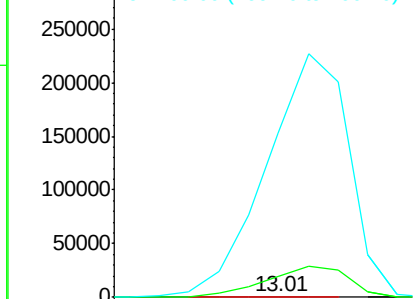
#42
 2,4,6-Trichlorophenol
 Concen: 7.88 ng
 RT: 13.01 min Scan# 1891
 Delta R.T. -0.09 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 297
 Ion Ratio Lower Upper
 196 100
 198 3995.1 81.4 122.2#
 200 31041.3 27.0 40.6#



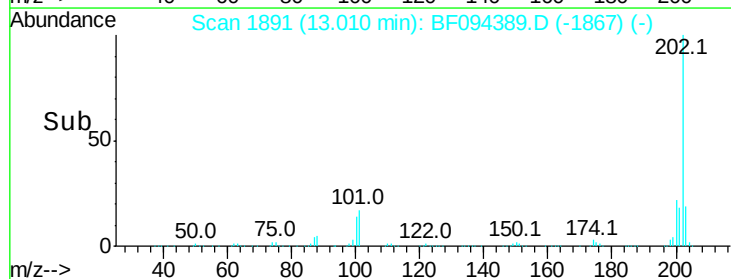
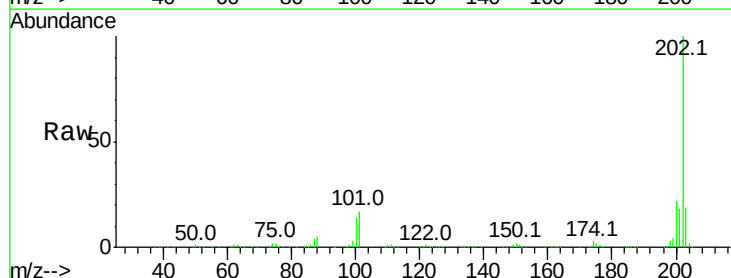
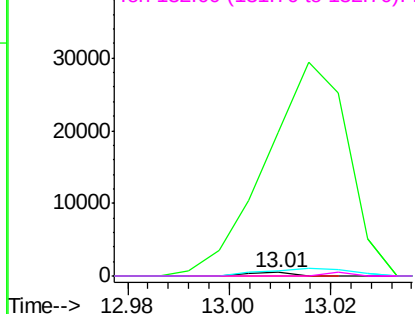
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

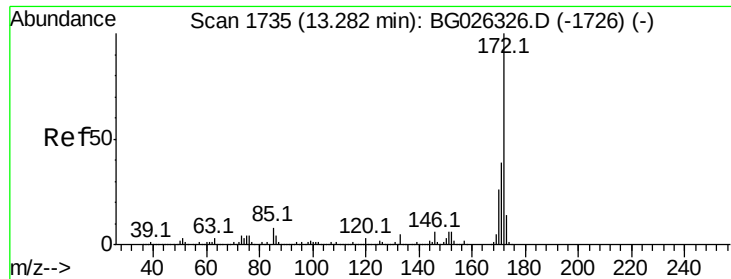


#43
 2,4,5-Trichlorophenol
 Concen: 7.13 ng
 RT: 13.01 min Scan# 1891
 Delta R.T. -0.16 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

Tgt Ion:196 Resp: 297
 Ion Ratio Lower Upper
 196 100
 198 3995.1 79.9 119.9#
 97 154.3 45.4 68.0#
 132 0.0 20.7 31.1#

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

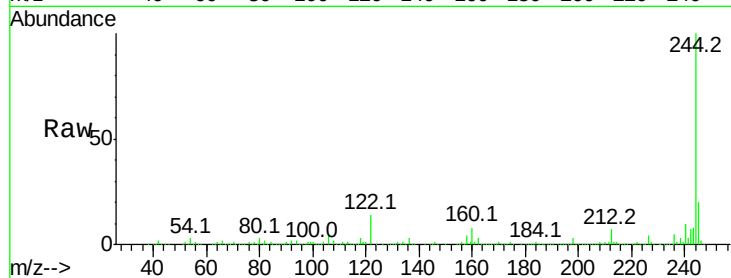




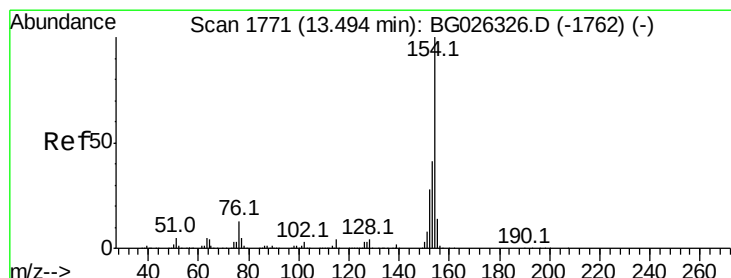
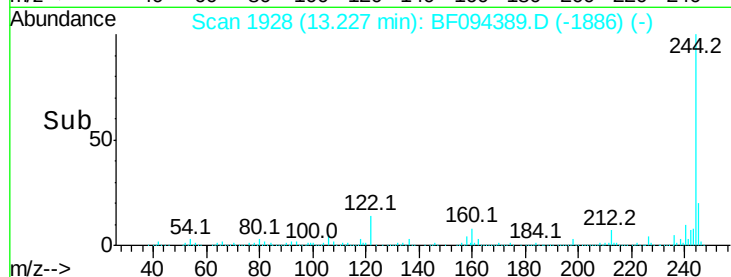
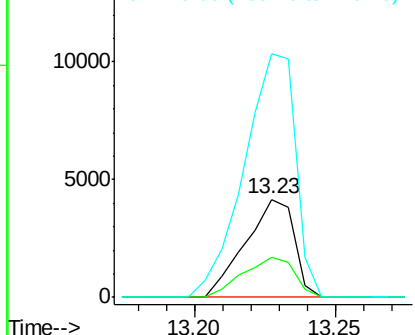
#44
2-Fluorobiphenyl
Concen: 36.52 ng
RT: 13.23 min Scan# 1928
Delta R.T. -0.05 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4982
Ion Ratio Lower Upper
172 100
171 40.6 32.2 48.2
170 249.2 21.8 32.6#

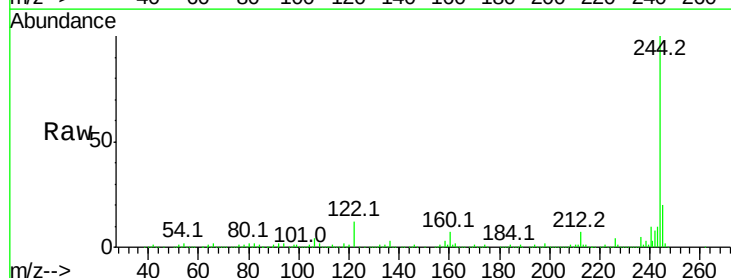


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

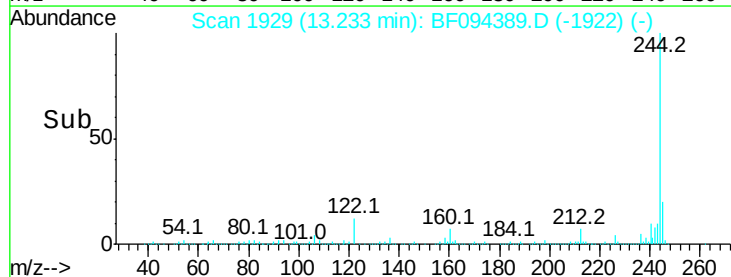
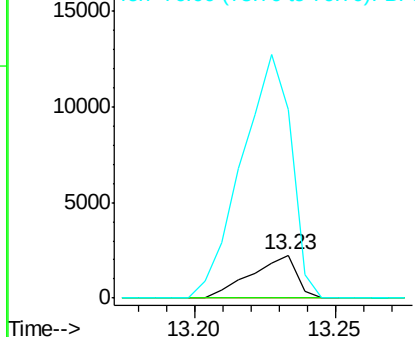


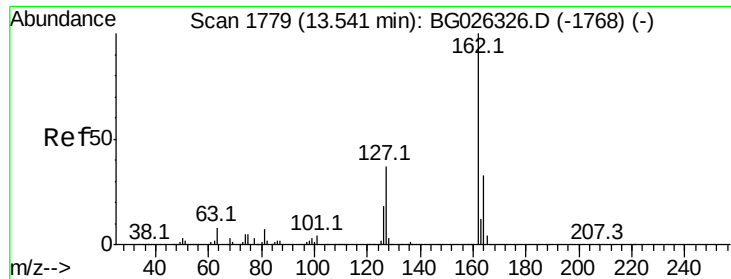
#45
1,1'-Biphenyl
Concen: 15.84 ng
RT: 13.23 min Scan# 1929
Delta R.T. -0.26 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Tgt Ion:154 Resp: 2509
Ion Ratio Lower Upper
154 100
153 0.0 23.0 63.0#
76 437.0 0.0 33.5#



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

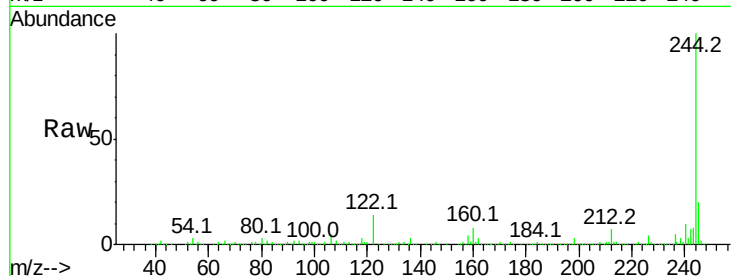




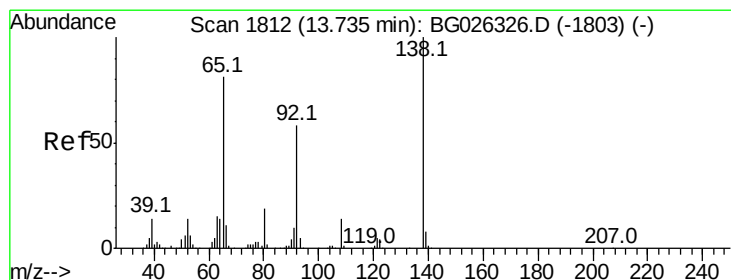
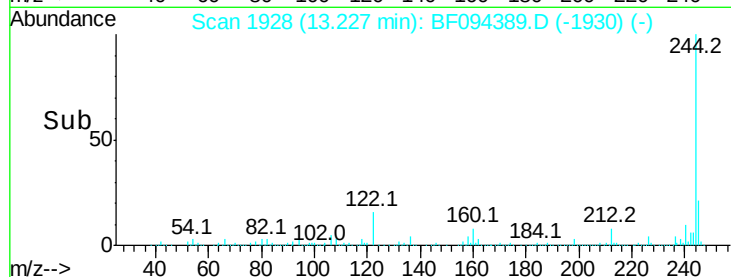
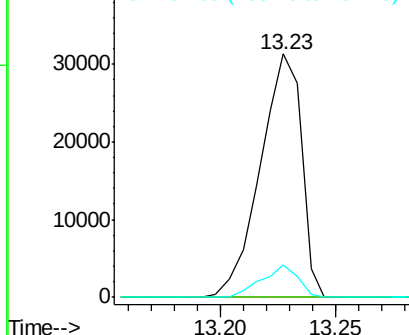
#46
2-Chloronaphthalene
Concen: 335.05 ng
RT: 13.23 min Scan# 1928
Delta R.T. -0.31 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 38768
Ion Ratio Lower Upper
162 100
127 0.0 32.2 48.4#
164 13.1 27.3 40.9#

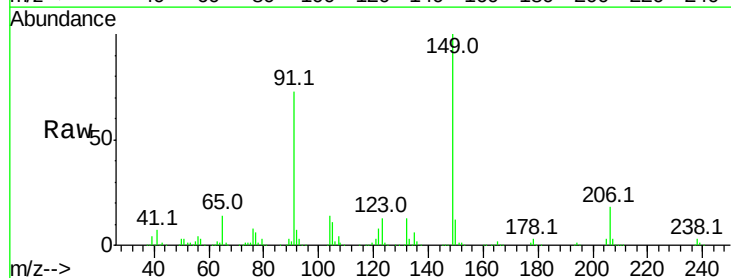


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

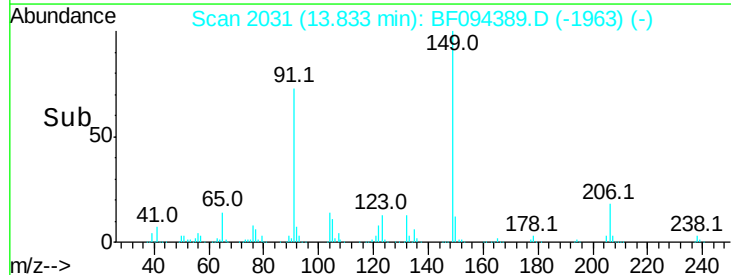
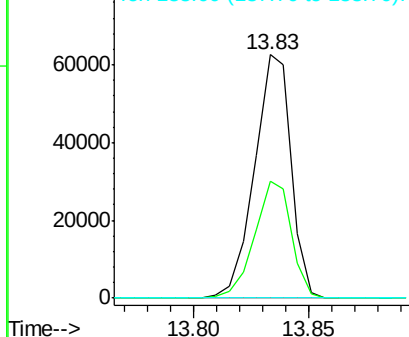


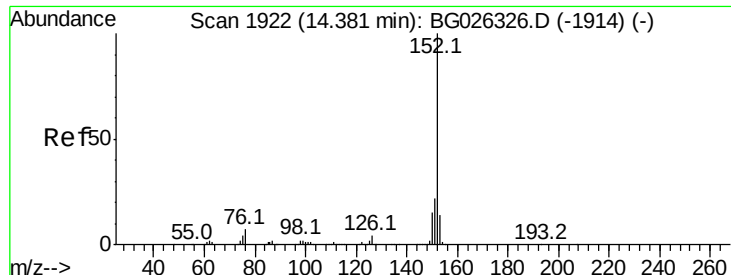
#47
2-Nitroaniline
Concen: 2098.68 ng
RT: 13.83 min Scan# 2031
Delta R.T. 0.10 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Tgt Ion: 65 Resp: 69058
Ion Ratio Lower Upper
65 100
92 47.9 49.0 73.4#
138 0.0 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): E





#48

Acenaphthylene

Concen: 79.69 ng

RT: 14.47 min Scan# 2139

Delta R.T. 0.09 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampleId :

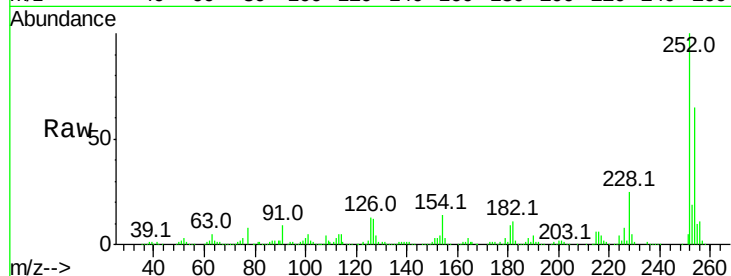
Tot Ion:152 Resp: 16074

Ion Ratio Lower Upper

152 100

151 91.5 18.2 27.2#

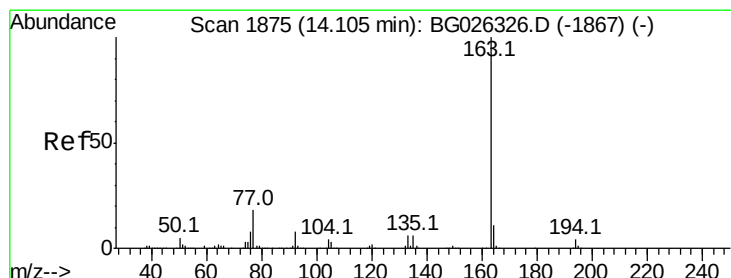
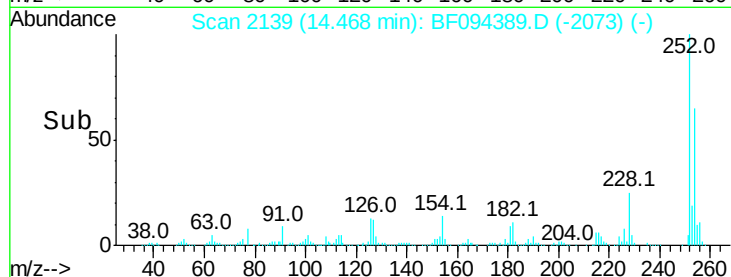
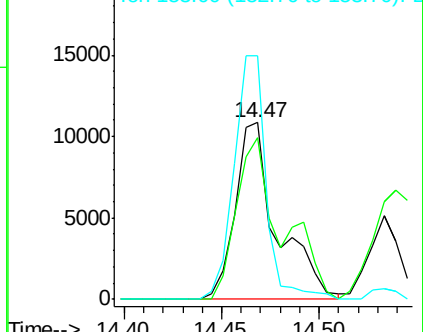
153 137.7 11.3 16.9#



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



#49

Dimethylphthalate

Concen: 3.23 ng

RT: 13.83 min Scan# 2031

Delta R.T. -0.27 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

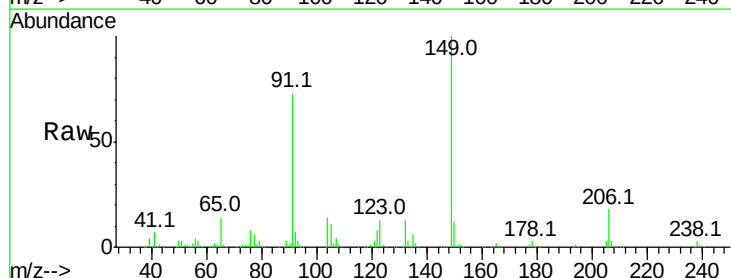
Tgt Ion:163 Resp: 467

Ion Ratio Lower Upper

163 100

194 546.0 3.8 5.6#

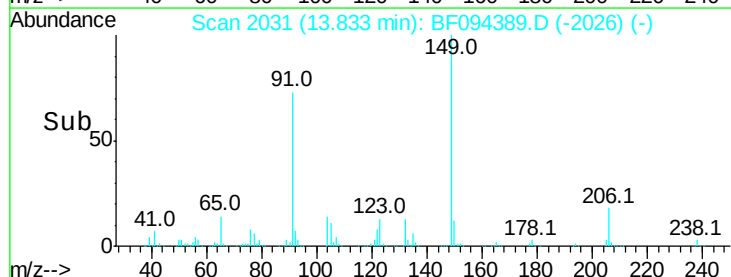
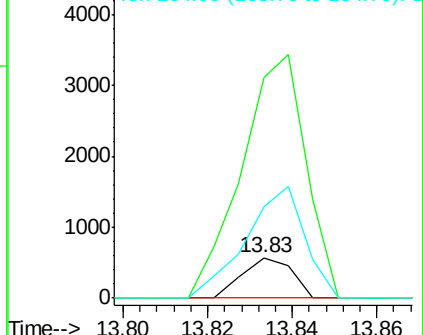
164 225.3 9.3 13.9#

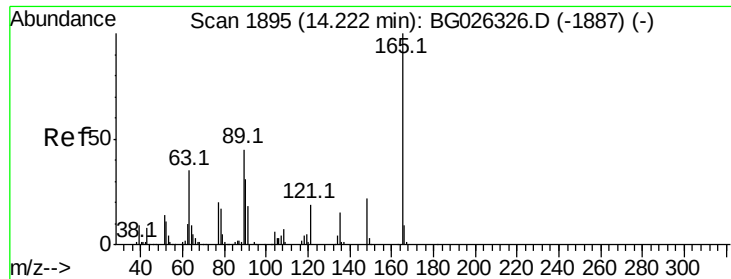


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

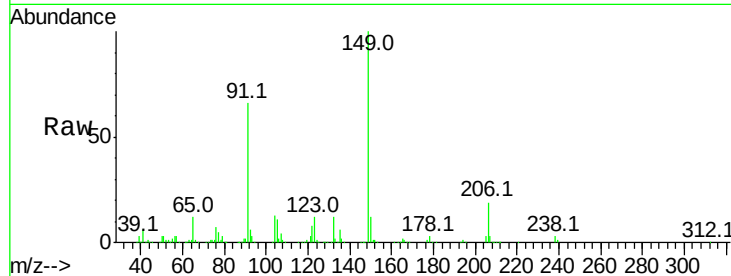




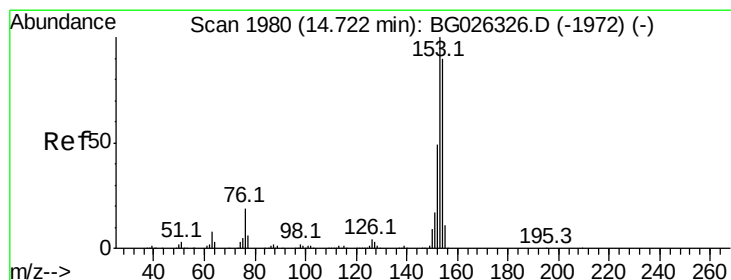
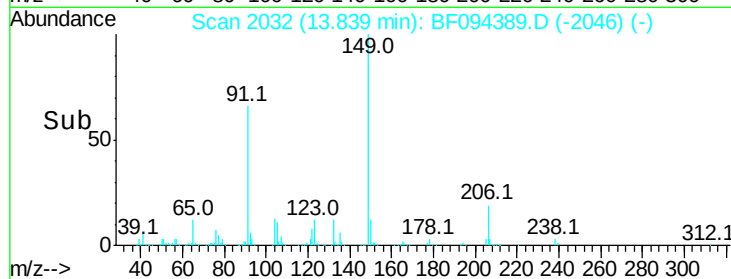
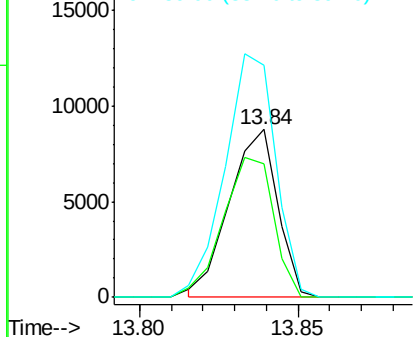
#50
2,6-Dinitrotoluene
Concen: 273.80 ng
RT: 13.84 min Scan# 2032
Delta R.T. -0.38 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 9227
Ion Ratio Lower Upper
165 100
63 79.3 63.9 95.9
89 138.5 58.6 88.0#

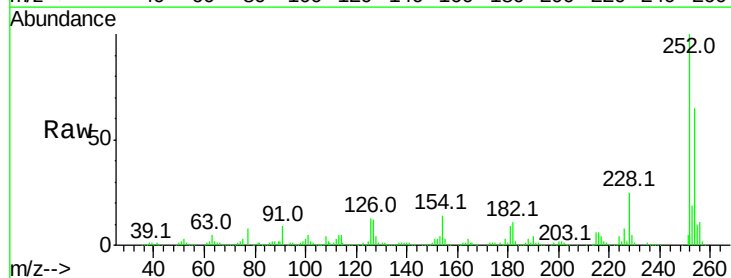


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

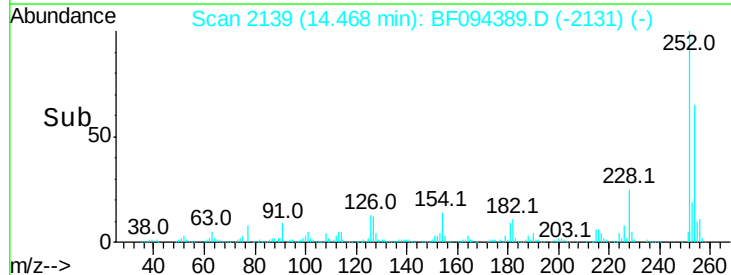
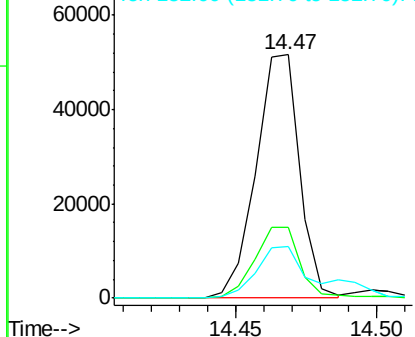


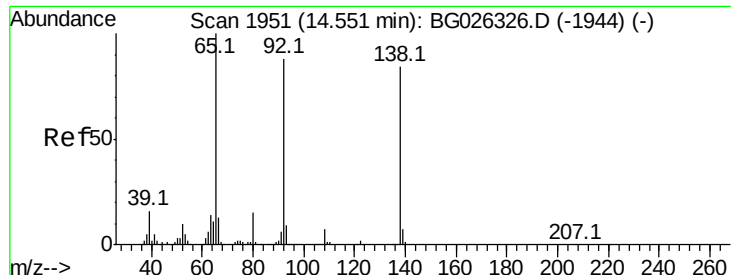
#51
Acenaphthene
Concen: 445.98 ng
RT: 14.47 min Scan# 2139
Delta R.T. -0.25 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Tgt Ion:154 Resp: 55397
Ion Ratio Lower Upper
154 100
153 28.9 87.8 131.6#
152 21.0 42.2 63.4#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 134.91 ng

RT: 14.46 min Scan# 2138

Delta R.T. -0.09 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampled :

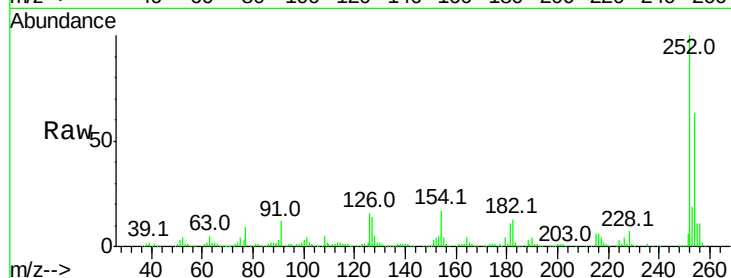
Tot Ion:138 Resp: 5006

Ion Ratio Lower Upper

138 100

108 405.7 10.9 16.3#

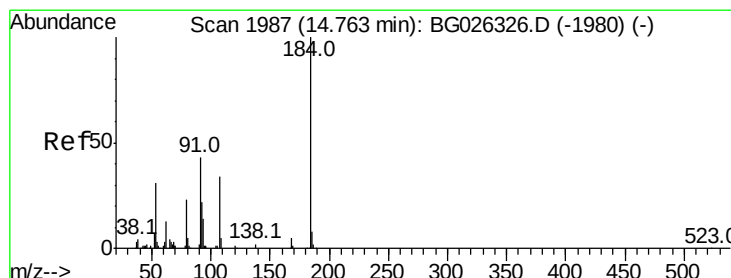
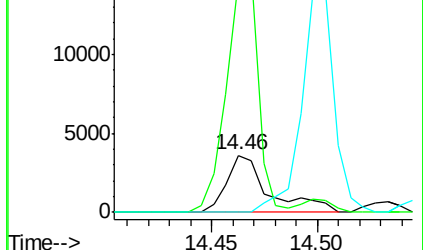
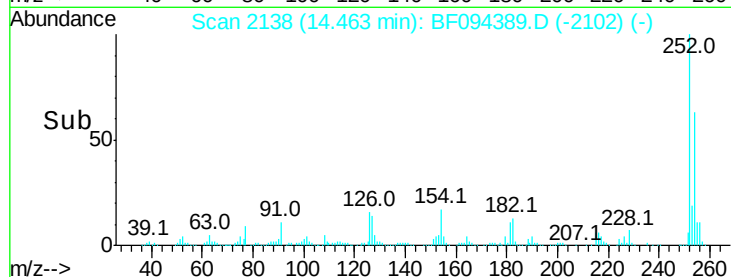
92 0.0 115.3 172.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 179.03 ng

RT: 14.50 min Scan# 2145

Delta R.T. -0.26 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

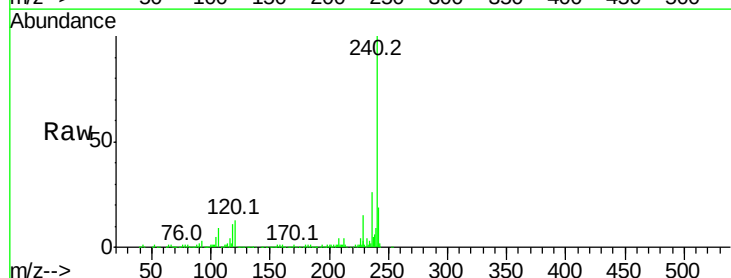
Tgt Ion:184 Resp: 3500

Ion Ratio Lower Upper

184 100

63 21.9 52.7 79.1#

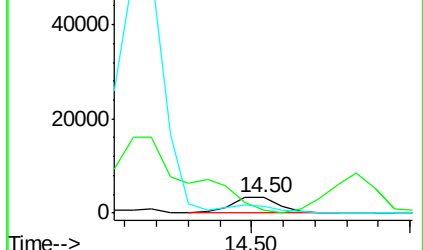
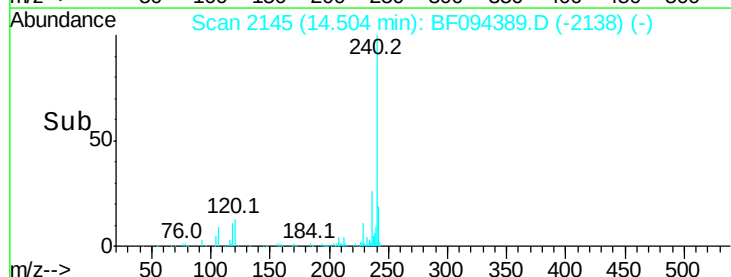
154 46.6 57.3 85.9#

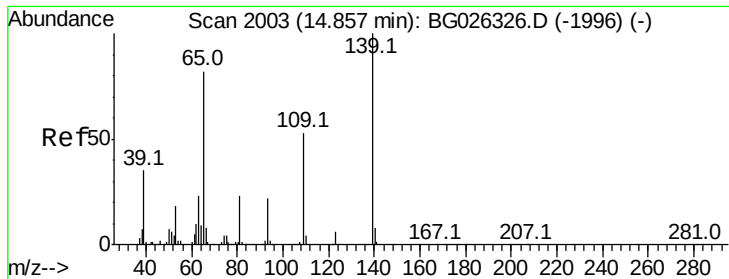


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

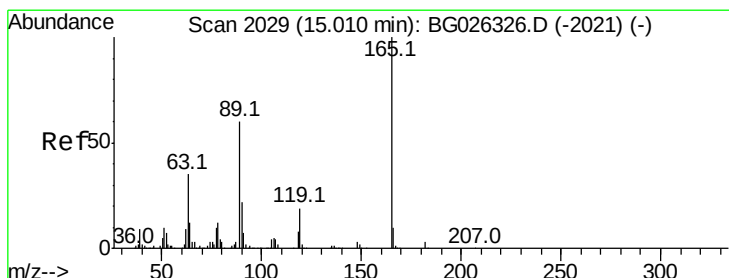
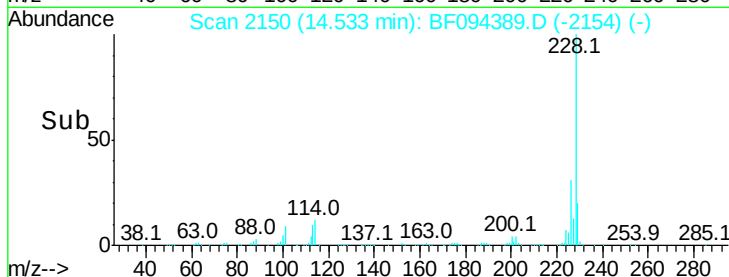
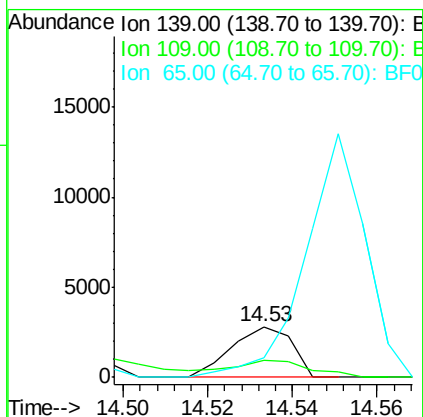
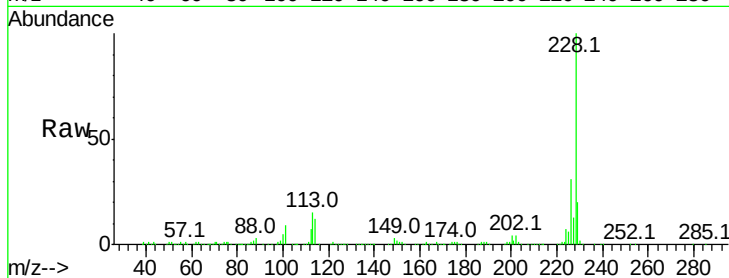




#55
4-Nitrophenol
Concen: 91.52 ng
RT: 14.53 min Scan# 2150
Delta R.T. -0.32 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

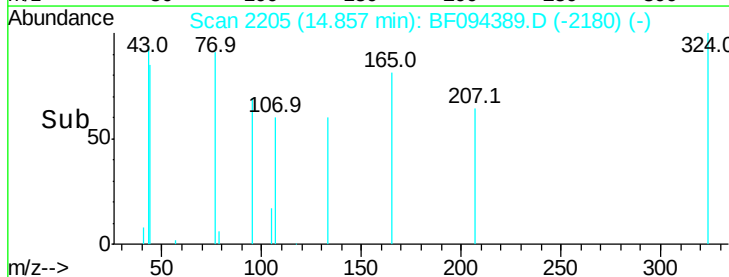
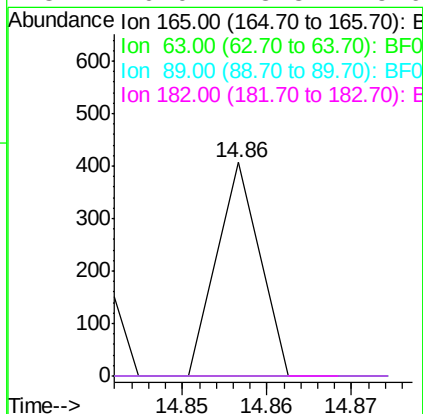
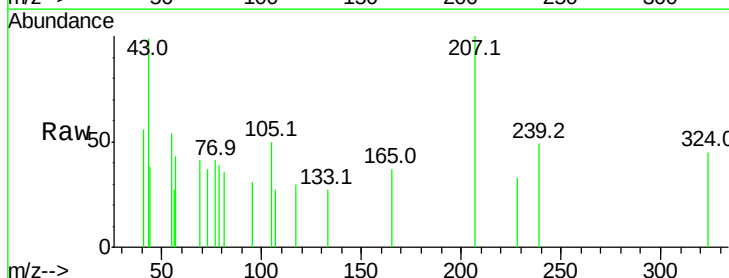
Instrument :
BNA_F
ClientSampleId :

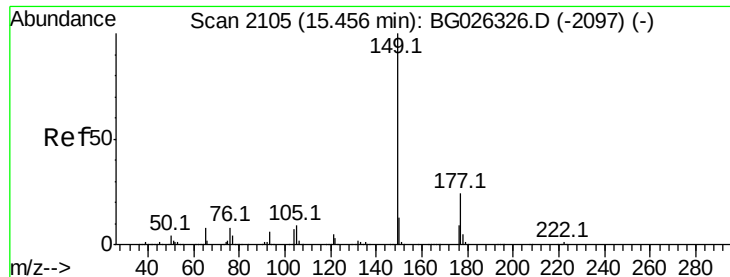
Tot Ion:139 Resp: 2781
Ion Ratio Lower Upper
139 100
109 33.0 101.2 141.2#
65 38.6 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 3.04 ng
RT: 14.86 min Scan# 2205
Delta R.T. -0.15 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Tgt Ion:165 Resp: 144
Ion Ratio Lower Upper
165 100
63 0.0 44.0 66.0#
89 0.0 67.3 100.9#
182 0.0 3.8 5.6#





#59

Diethylphthalate

Concen: 8458.94 ng

RT: 15.30 min Scan# 2281

Delta R.T. -0.15 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampled :

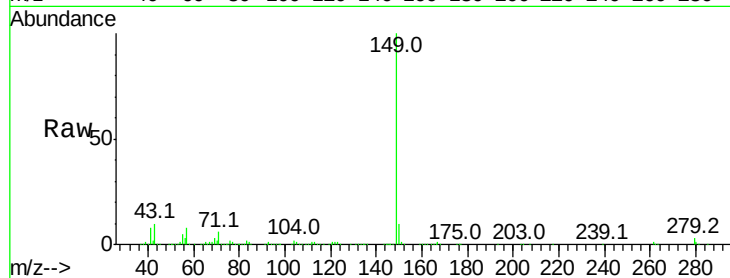
Tot Ion:149 Resp: 1248413

Ion Ratio Lower Upper

149 100

177 0.0 20.1 30.1#

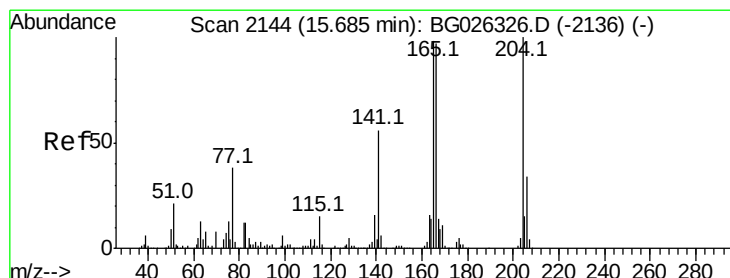
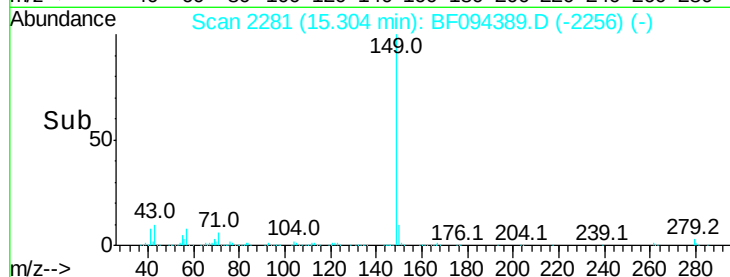
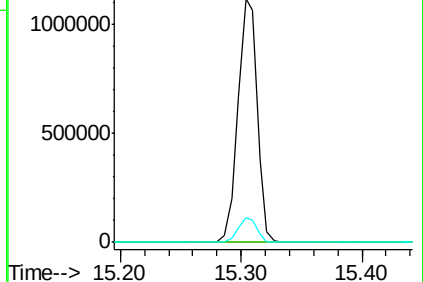
150 10.1 10.2 15.2#



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: 6.83 ng

RT: 15.30 min Scan# 2281

Delta R.T. -0.38 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

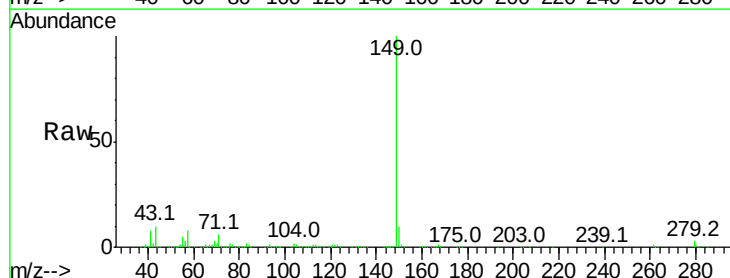
Tgt Ion:204 Resp: 504

Ion Ratio Lower Upper

204 100

206 0.0 30.1 45.1#

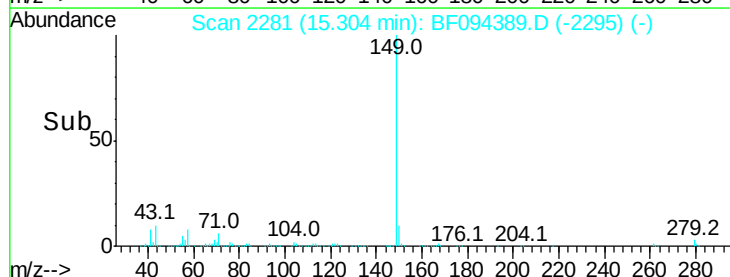
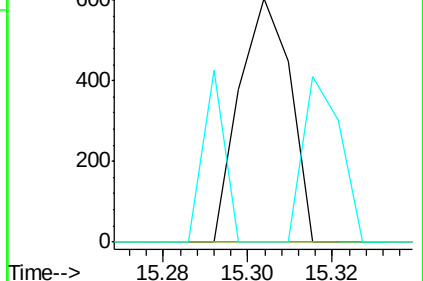
141 0.0 50.6 76.0#

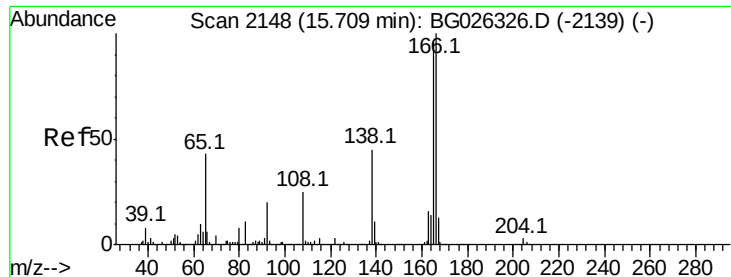


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

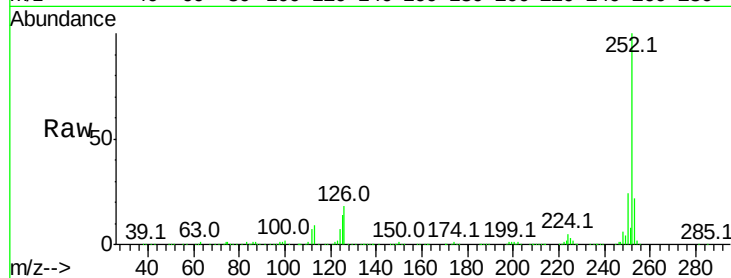




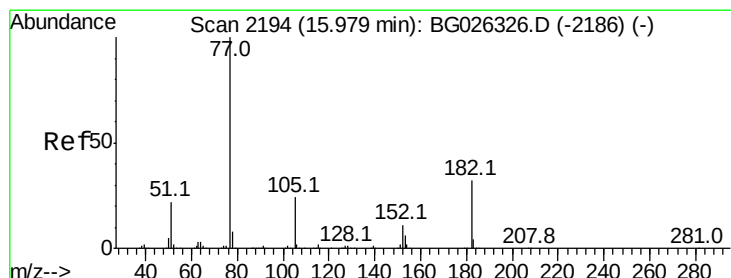
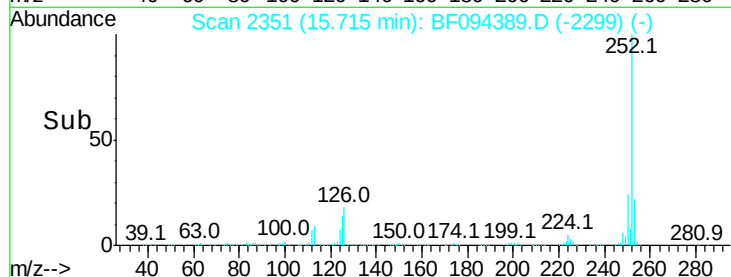
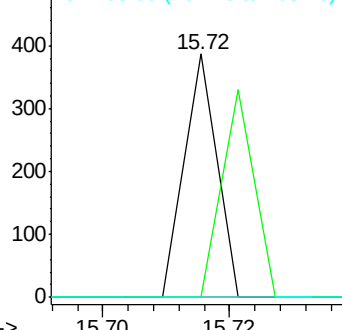
#61
4-Nitroaniline
Concen: 3.49 ng
RT: 15.72 min Scan# 2351
Delta R.T. 0.01 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 137
Ion Ratio Lower Upper
138 100
92 0.0 44.2 84.2#
108 0.0 104.8 144.8#

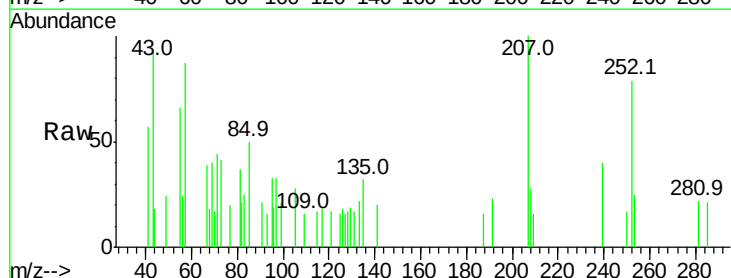


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

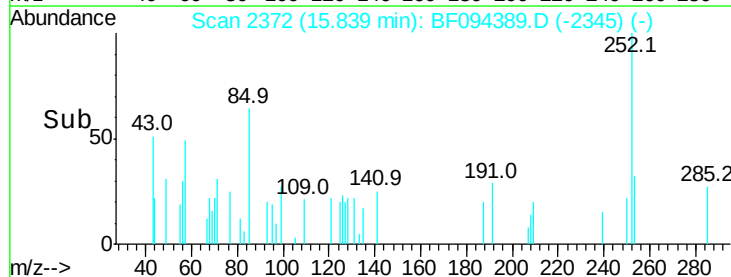
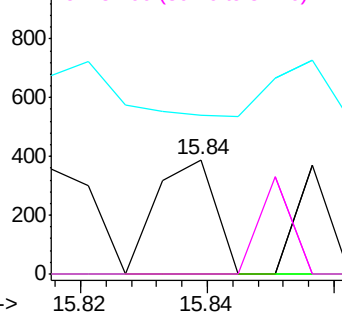


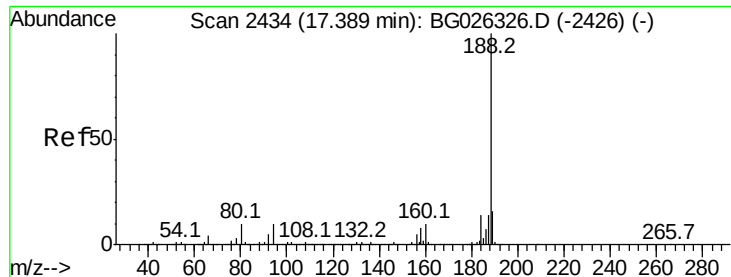
#62
Azobenzene
Concen: 2.08 ng
RT: 15.84 min Scan# 2372
Delta R.T. -0.14 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Tgt Ion: 77 Resp: 250
Ion Ratio Lower Upper
77 100
182 0.0 4.7 44.7#
105 139.7 0.0 36.3#
51 0.0 16.4 56.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

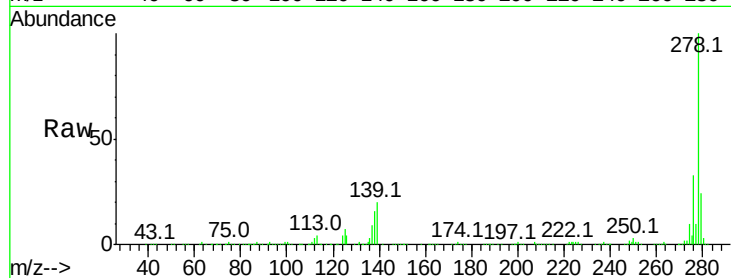




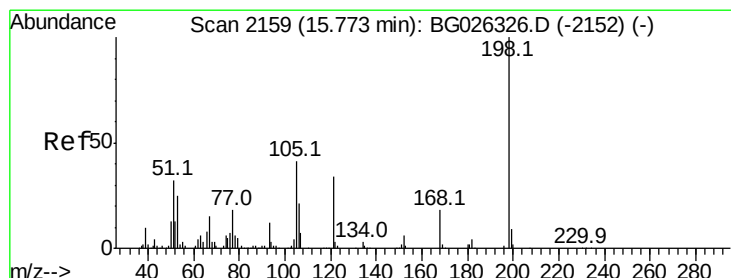
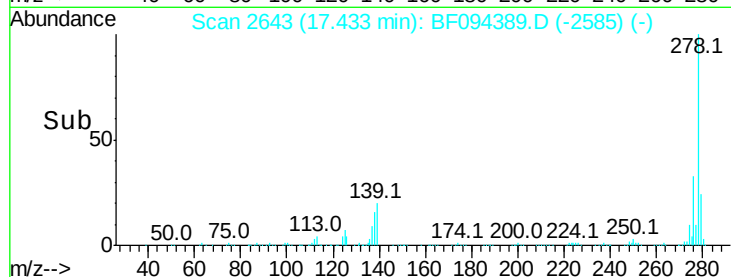
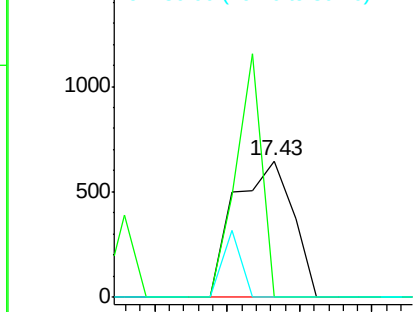
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2643
Delta R.T. 0.04 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 715
Ion Ratio Lower Upper
188 100
94 0.0 5.8 8.8#
80 0.0 7.5 11.3#

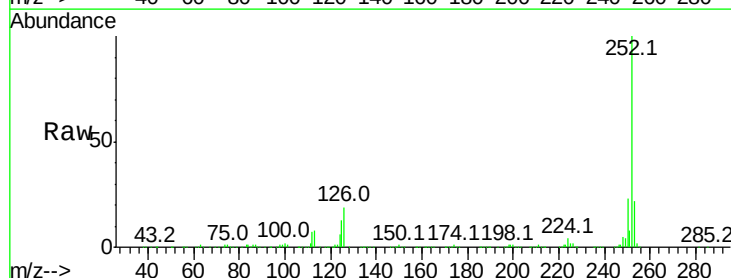


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

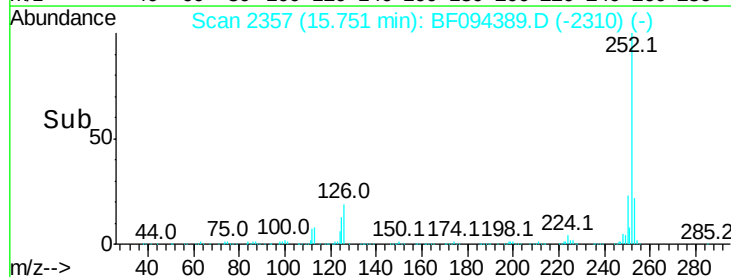
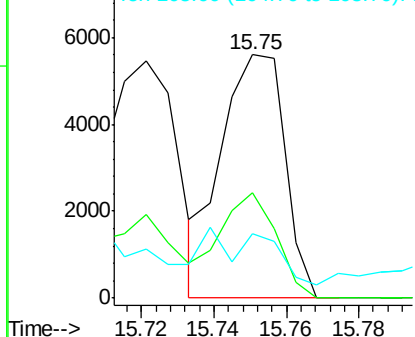


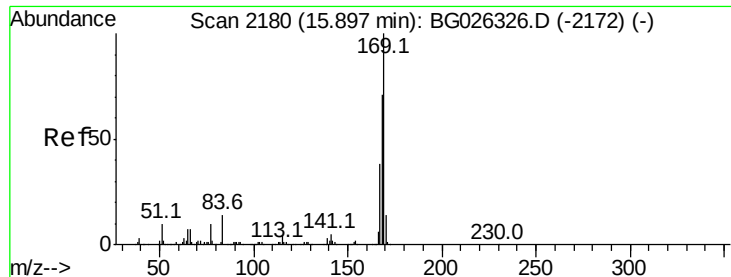
#64
4,6-Dinitro-2-methylphenol
Concen: 1505.61 ng
RT: 15.75 min Scan# 2357
Delta R.T. -0.02 min
Lab File: BF094389.D
Acq: 13 Apr 2017 14:11

Tgt Ion:198 Resp: 6787
Ion Ratio Lower Upper
198 100
51 43.3 22.6 62.6
105 26.6 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: 6.91 ng

RT: 15.96 min Scan# 2393

Delta R.T. 0.07 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

Instrument :

BNA_F

ClientSampleId :

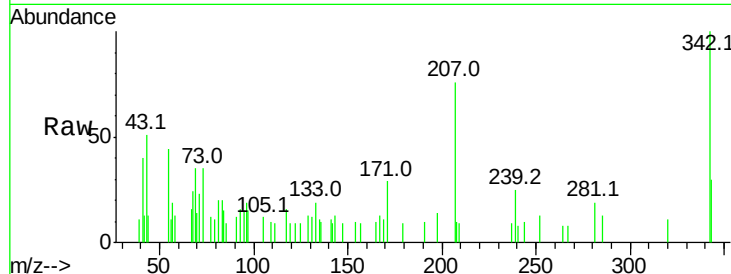
Tot Ion:169 Resp: 145

Ion Ratio Lower Upper

169 100

168 0.0 55.7 83.5#

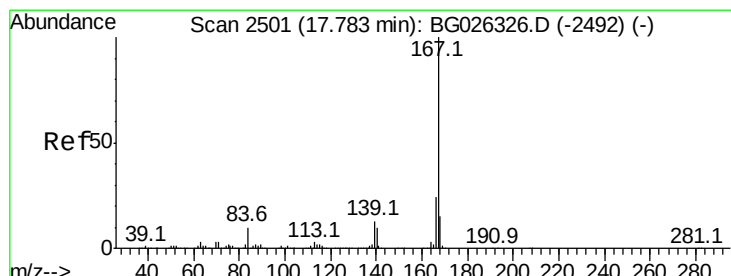
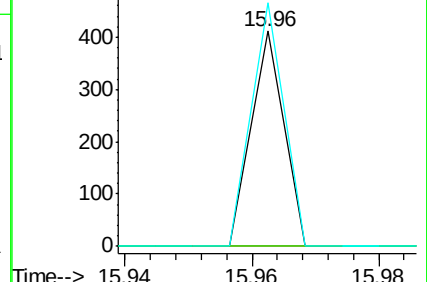
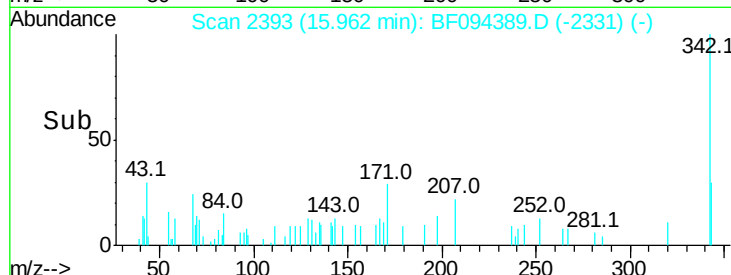
167 113.1 29.8 44.6#



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



#72

Carbazole

Concen: 3.27 ng

RT: 17.80 min Scan# 2706

Delta R.T. 0.02 min

Lab File: BF094389.D

Acq: 13 Apr 2017 14:11

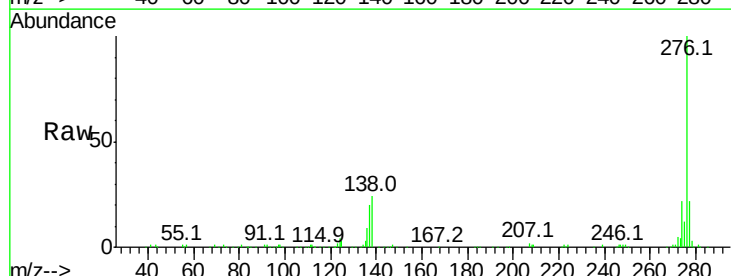
Tgt Ion:167 Resp: 132

Ion Ratio Lower Upper

167 100

166 0.0 20.2 30.2#

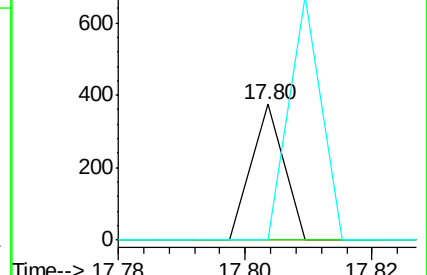
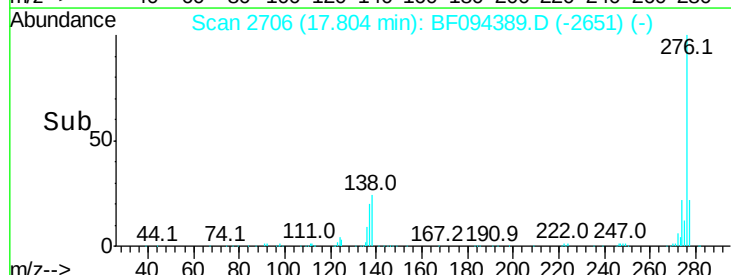
139 0.0 12.8 19.2#

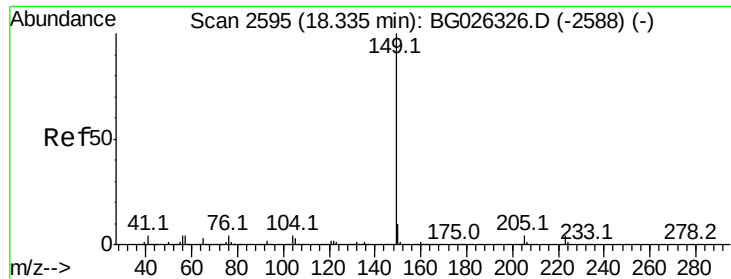


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

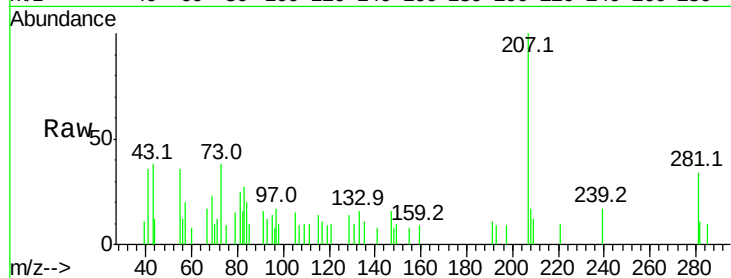




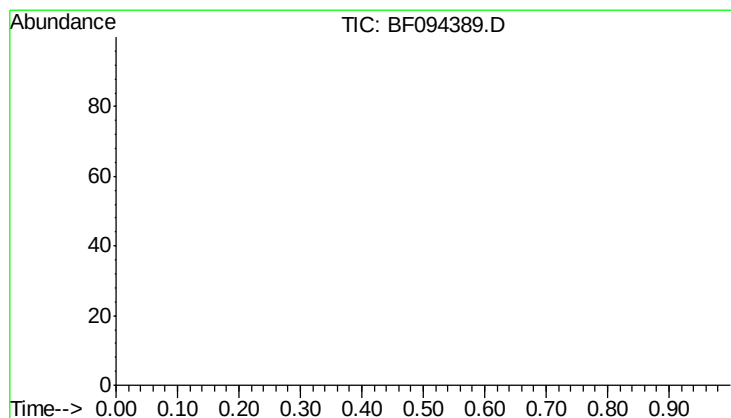
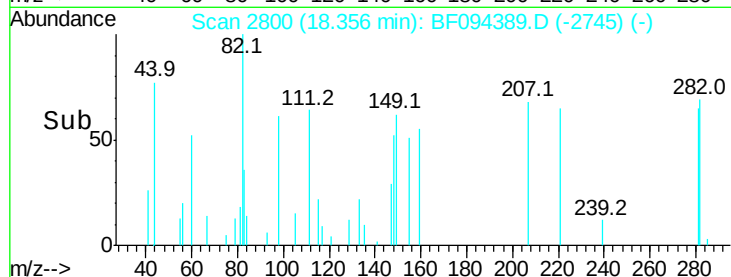
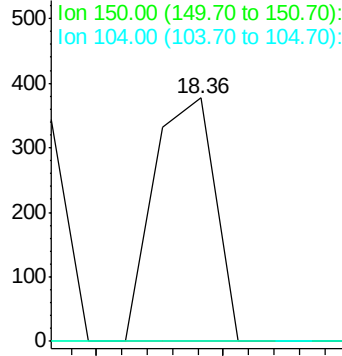
#73
 Di-n-butylphthalate
 Concen: 6.03 ng
 RT: 18.36 min Scan# 2800
 Delta R.T. 0.02 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 149 Resp: 250
 Ion Ratio Lower Upper
 149 100
 150 0.0 9.1 13.7#
 104 0.0 6.7 10.1#

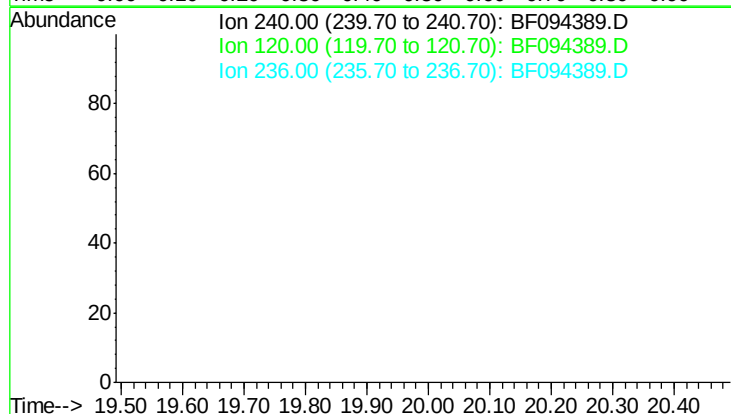


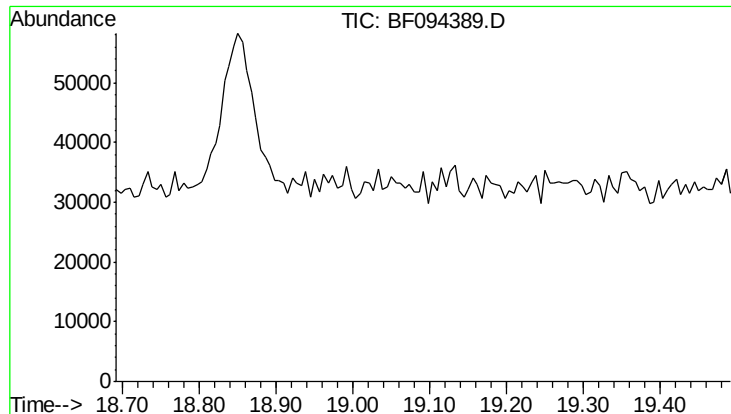
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E



#75
 Chrysene-d12
 Concen: 0.00 ng
 Expected RT: 21.64 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 7.1
 236 27.8

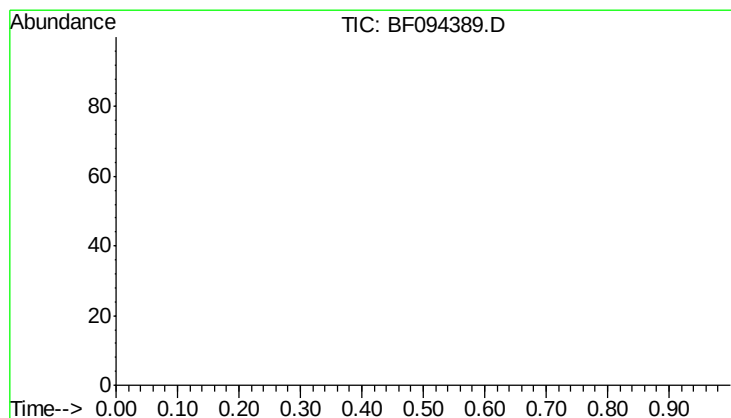
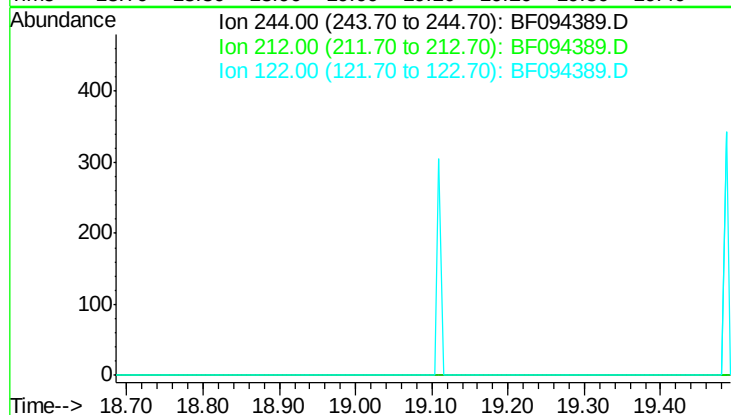




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 19.99 min
 Lab File: BF094389.D
 Acq: 13 Apr 2017 14:11

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: BF094389.D
 Acq: 13 Apr 2017 14:11

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 27.3
 265 22.8

