

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094741.D
 Acq On : 1 May 2017 4:41
 Operator : SJ/MA
 Sample : I2902-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 05:37:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	113186	20.00	ng	0.00
21) Naphthalene-d8	7.28	136	220477	20.00	ng	0.02
38) Acenaphthene-d10	9.40	164	204812	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	338179	20.00	ng	0.00
75) Chrysene-d12	14.48	240	228484	20.00	ng	0.00
86) Perylene-d12	16.11	264	209278	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.35	112	1063661	155.91	ng	0.04
7) Phenol-d6	5.42	99	1001865	124.57	ng	0.03
23) Nitrobenzene-d5	6.43	82	1144037	320.41	ng	0.01
41) 2,4,6-Tribromophenol	10.38	330	361392	225.59	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1823521	131.00	ng	0.00
78) Terphenyl-d14	13.20	244	1409228	164.86	ng	0.00

Target Compounds						Qvalue
9) Benzaldehyde	5.26	77	362141	59.19	ng	# 1
10) Phenol	5.44	94	107235	10.85	ng	90
15) Benzyl Alcohol	5.95	79	17309	2.90	ng	# 47
17) 2-Methylphenol	6.11	107	18387	3.01	ng	# 45
18) Hexachloroethane	6.36	117	47655	16.06	ng	# 1
19) n-Nitroso-di-n-propylamine	6.43	70	158717	29.78	ng	# 74
20) 3+4-Methylphenols	6.31	107	136685	16.45	ng	# 67
22) Acetophenone	6.25	105	65416	12.20	ng	# 85
24) Nitrobenzene	6.49	77	27796	7.39	ng	# 10
27) 2,4-Dimethylphenol	6.94	122	122303	37.27	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	24181	5.65	ng	# 1
31) Naphthalene	7.36	128	21554322	2033.58	ng	97
32) Benzoic acid	7.08	122	82207	47.38	ng	# 67
33) 4-Chloroaniline	7.34	127	1846284	418.72	ng	# 34
35) Caprolactam	7.93	113	56481	58.90	ng	95
36) 4-Chloro-3-methylphenol	8.02	107	8534	2.67	ng	# 62
37) 2-Methylnaphthalene	8.15	142	2595256	357.89	ng	99
45) 1,1'-Biphenyl	8.71	154	959212	57.32	ng	98
48) Acenaphthylene	9.24	152	1870595	90.18	ng	99
50) 2,6-Dinitrotoluene	9.04	165	10894	3.18	ng	# 81
51) Acenaphthene	9.45	154	1284964	103.43	ng	99
53) 2,4-Dinitrophenol	9.57	184	117	5.82	ng	# 1
54) Dibenzofuran	9.65	168	73501	4.07	ng	97
55) 4-Nitrophenol	9.65	139	23519	8.40	ng	# 35
56) 2,4-Dinitrotoluene	9.79	165	8743	2.08	ng	# 68
57) Fluorene	10.08	166	726697	51.68	ng	99
70) Phenanthrene	11.25	178	1429913	75.09	ng	99
71) Anthracene	11.31	178	252794	12.83	ng	99
72) Carbazole	11.52	167	74501	4.03	ng	98
74) Fluoranthene	12.71	202	234713	11.89	ng	98
77) Pyrene	12.98	202	292086	18.30	ng	98

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

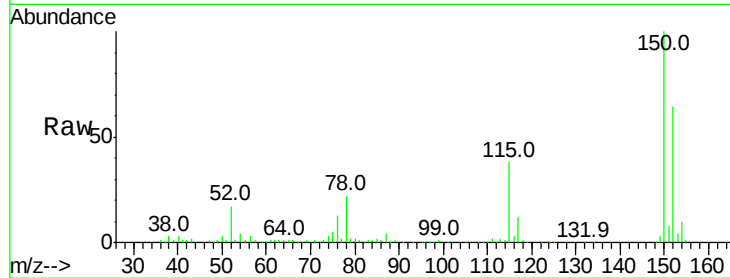


#1

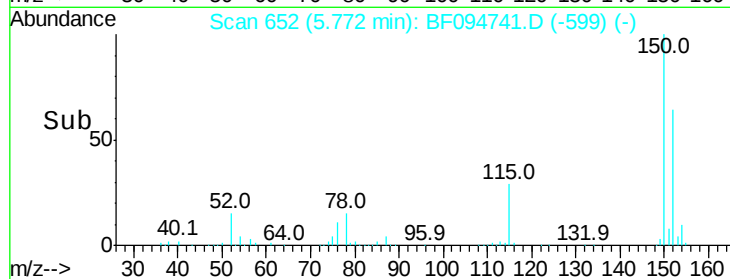
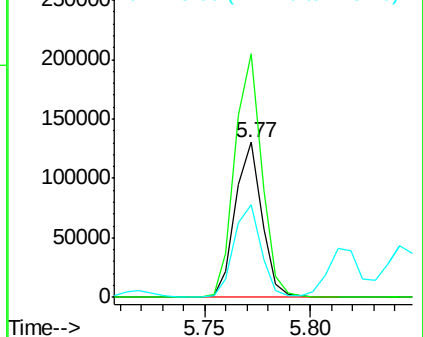
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113186
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 59.7 52.2 78.2



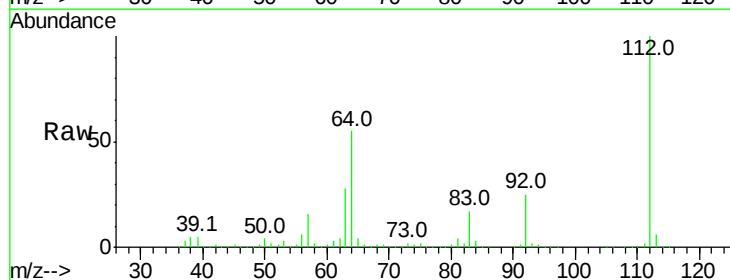
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



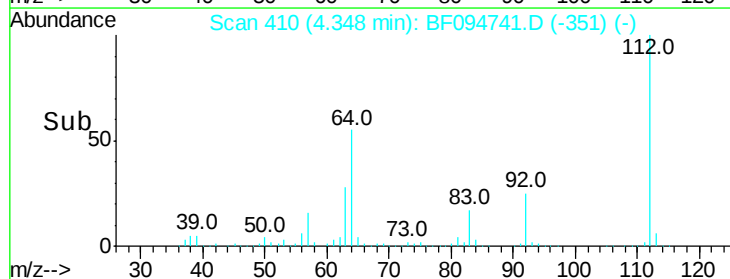
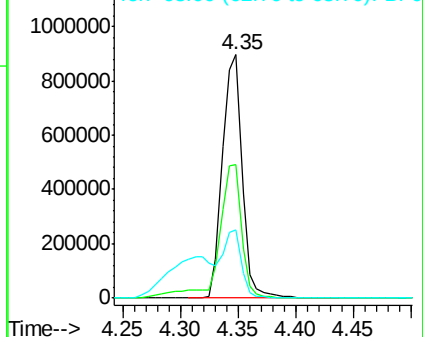
#5

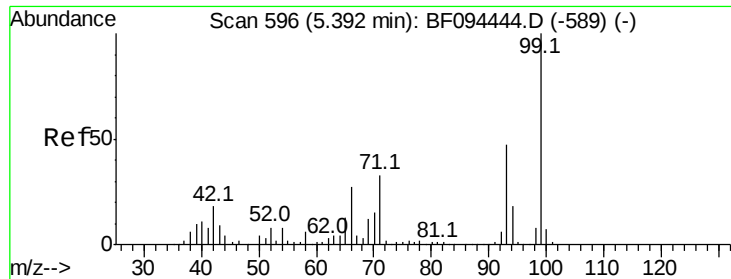
2-Fluorophenol
Concen: 155.91 ng
RT: 4.35 min Scan# 410
Delta R.T. 0.04 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

Tgt Ion:112 Resp: 1063661
Ion Ratio Lower Upper
112 100
64 54.8 46.0 69.0
63 28.0 23.4 35.0



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





#7

Phenol-d6

Concen: 124.57 ng

RT: 5.42 min Scan# 593

Delta R.T. 0.03 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

Instrument :

BNA_F

ClientSampled :

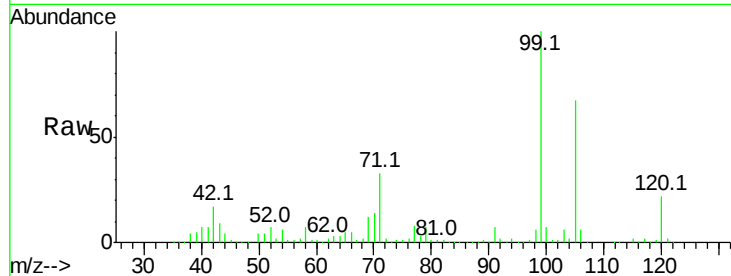
Tot Ion: 99 Resp: 1001865

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	33.2	24.5	36.7

99 100

42 16.9 13.5 20.3

71 33.2 24.5 36.7

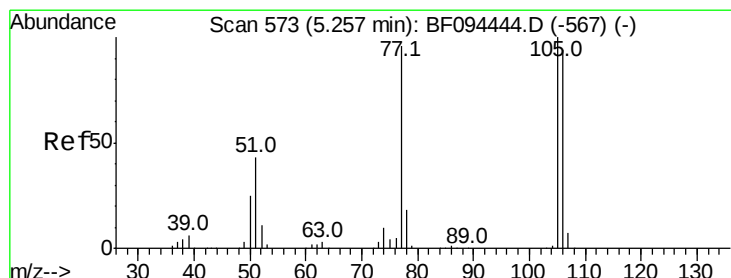
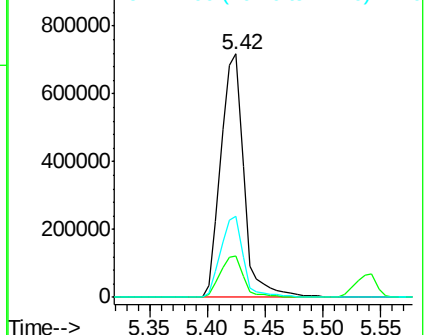
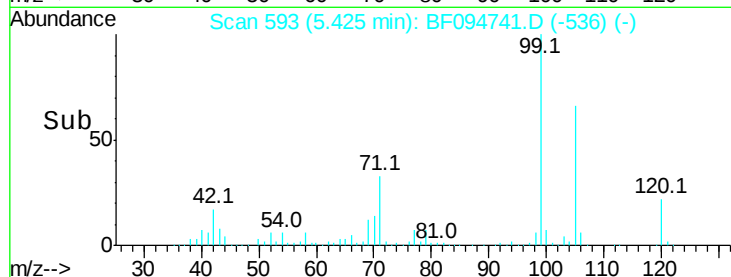


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 59.19 ng

RT: 5.26 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

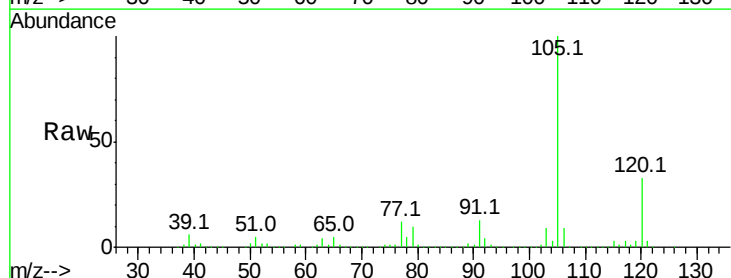
Tgt Ion: 77 Resp: 362141

Ion	Ratio	Lower	Upper
77	100		
105	815.2	83.8	123.8#
106	75.5	79.1	119.1#

77 100

105 815.2 83.8 123.8#

106 75.5 79.1 119.1#

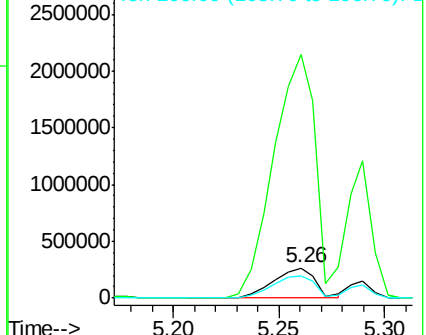
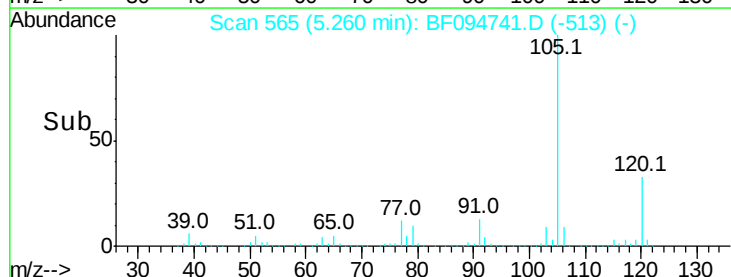


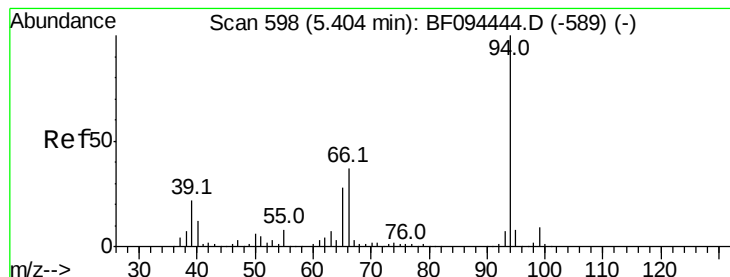
Abundance

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: 10.85 ng

RT: 5.44 min Scan# 595

Delta R.T. 0.03 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

Instrument :

BNA_F

ClientSampleId :

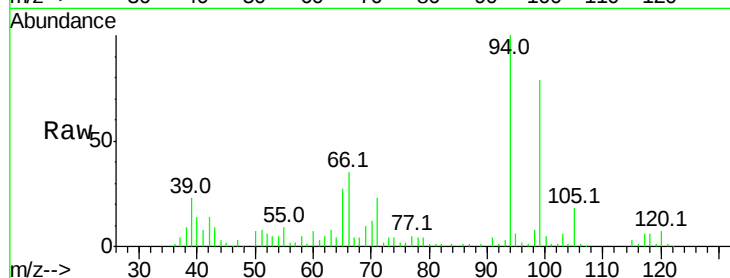
Tot Ion: 94 Resp: 107235

Ion Ratio Lower Upper

94 100

65 26.9 9.9 49.9

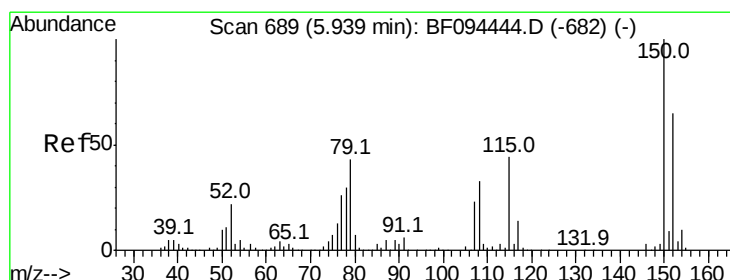
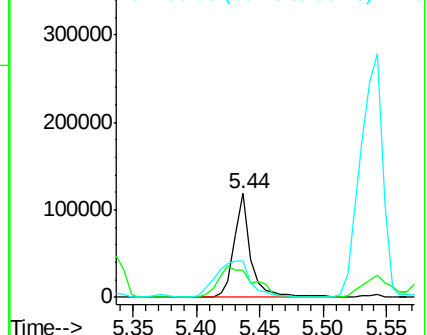
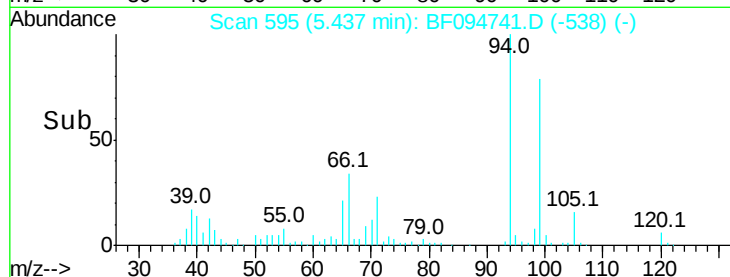
66 35.0 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 2.90 ng

RT: 5.95 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

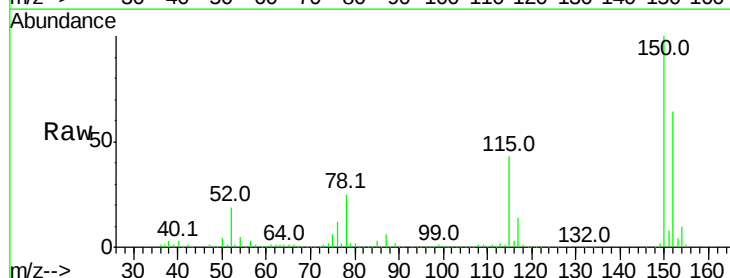
Tgt Ion: 79 Resp: 17309

Ion Ratio Lower Upper

79 100

108 33.9 63.4 95.0#

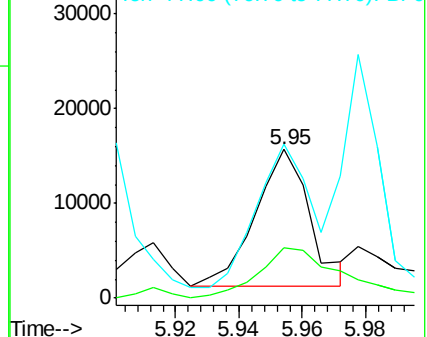
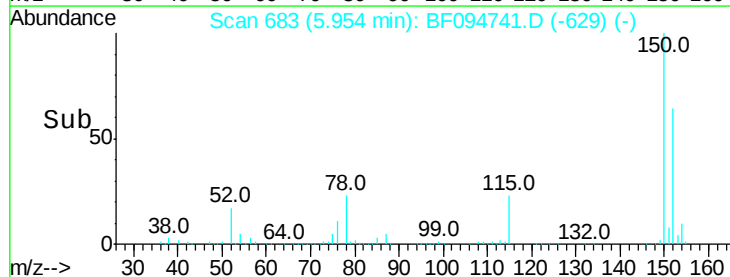
77 103.6 49.2 73.8#

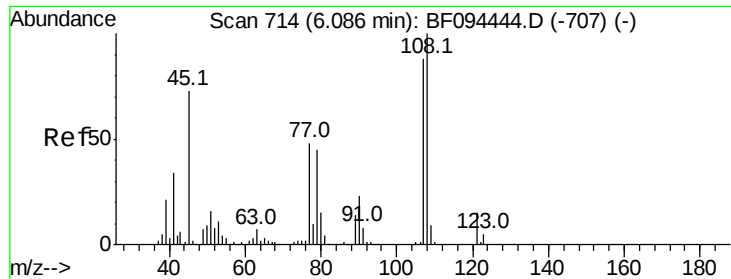


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#17

2-Methylphenol

Concen: 3.01 ng

RT: 6.11 min Scan# 709

Delta R.T. 0.02 min

Lab File: BF094741.D

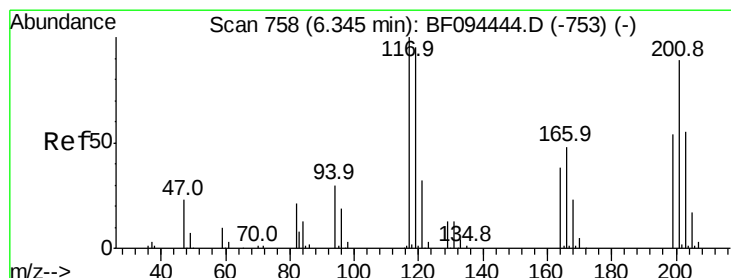
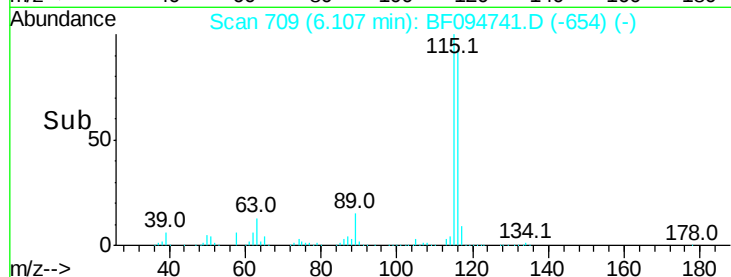
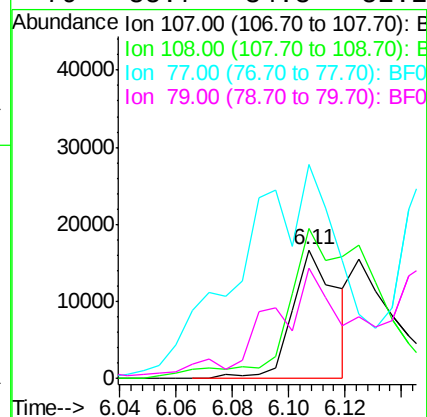
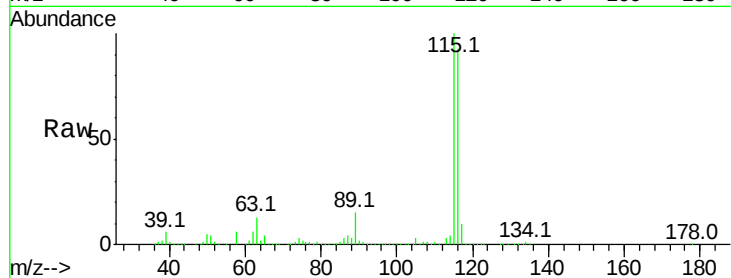
Acq: 1 May 2017 4:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	18387
Ion	Ratio	Lower	Upper
107	100		
108	116.8	93.4	140.0
77	166.1	35.8	53.6#
79	85.7	34.8	52.2#



#18

Hexachloroethane

Concen: 16.06 ng

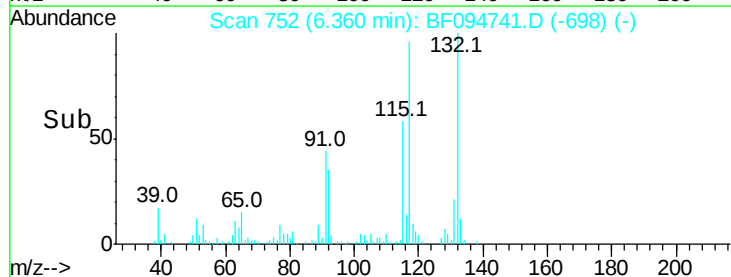
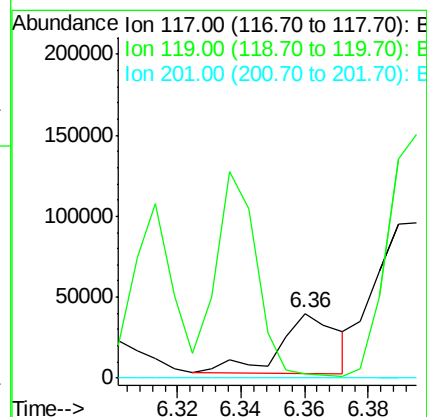
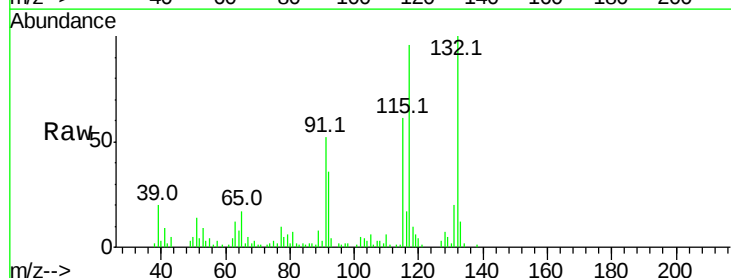
RT: 6.36 min Scan# 752

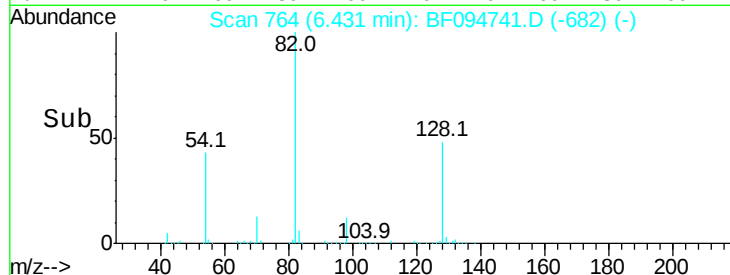
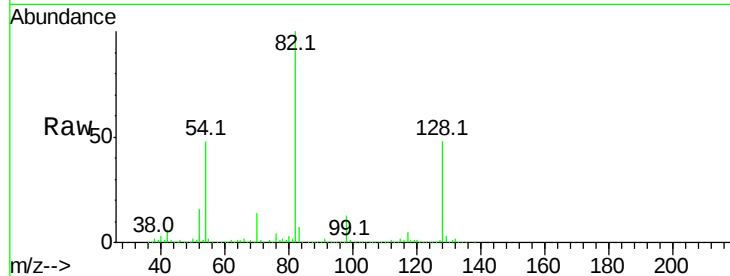
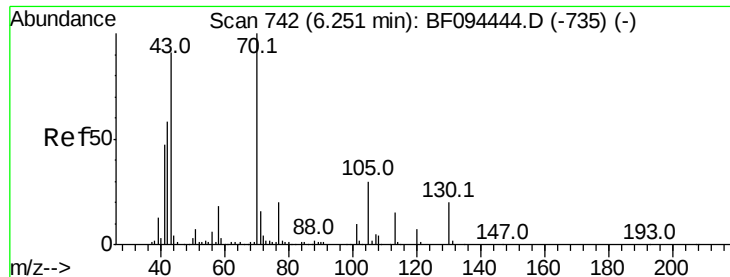
Delta R.T. 0.01 min

Lab File: BF094741.D

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Tgt Ion:	117	Resp:	47655
Ion	Ratio	Lower	Upper
117	100		
119	6.0	77.4	116.0#
201	0.0	94.6	141.8#

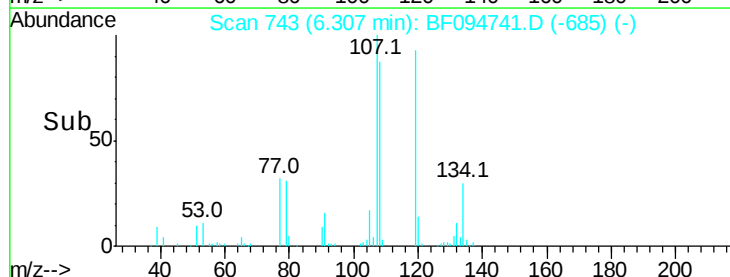
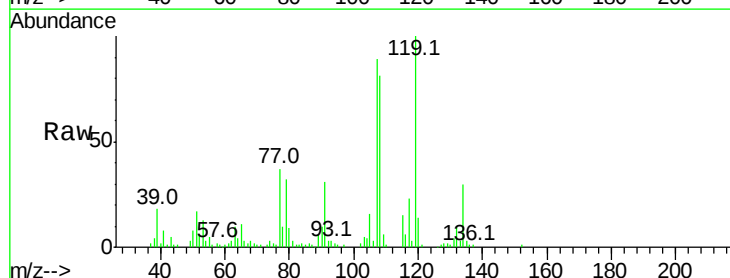
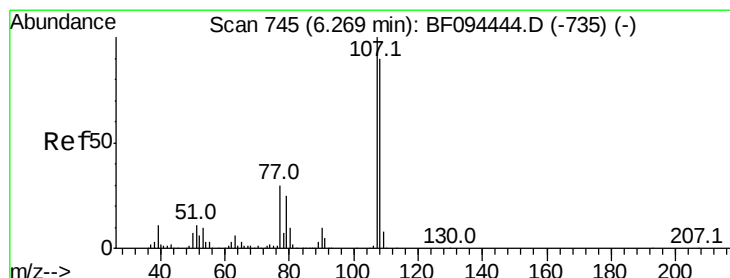
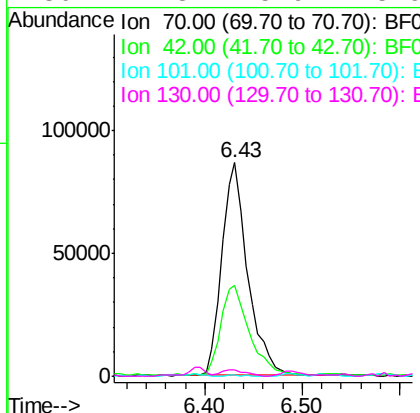




#19
n-Nitroso-di-n-propylamine
Concen: 29.78 ng
RT: 6.43 min Scan# 764
Delta R.T. 0.18 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

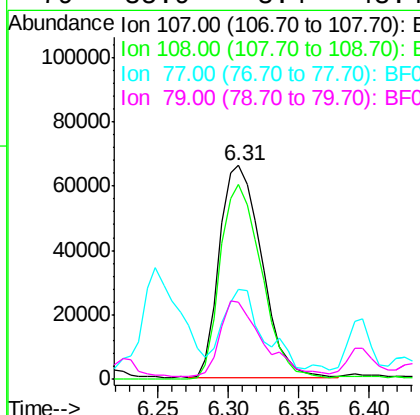
Instrument :
BNA_F
ClientSampleId :

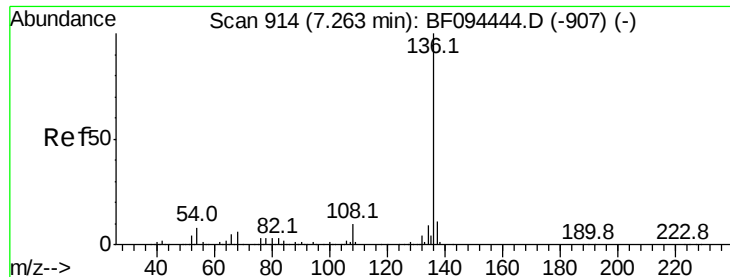
Tot Ion: 70 Resp: 158717
Ion Ratio Lower Upper
70 100
42 42.5 47.2 70.8#
101 0.4 7.2 10.8#
130 2.8 15.9 23.9#



#20
3+4-Methylphenols
Concen: 16.45 ng
RT: 6.31 min Scan# 743
Delta R.T. 0.04 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

Tgt Ion:107 Resp: 136685
Ion Ratio Lower Upper
107 100
108 90.9 71.0 111.0
77 41.9 90.5 130.5#
79 35.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.02 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 220477

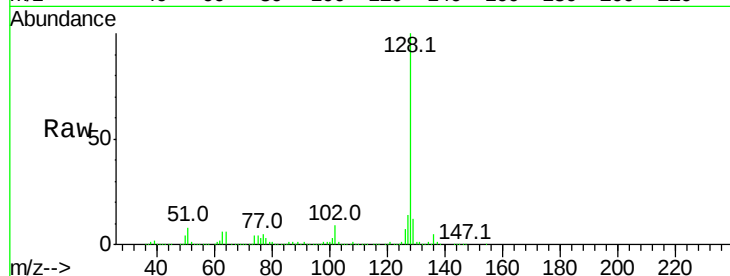
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.7 4.9 7.3#

68 6.7 4.1 6.1#

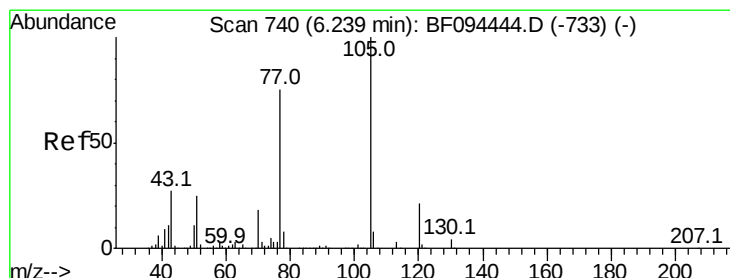
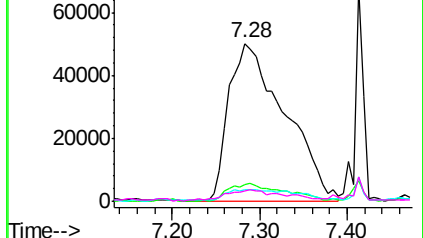
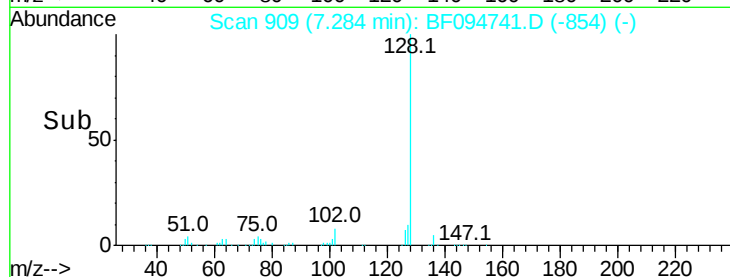


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 12.20 ng

RT: 6.25 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

Tgt Ion:105 Resp: 65416

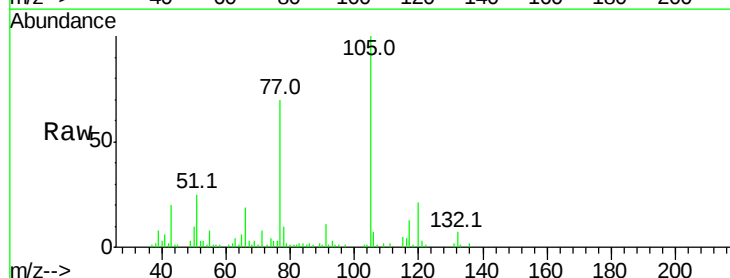
Ion Ratio Lower Upper

105 100

71 7.9 2.8 4.2#

51 25.0 30.7 46.1#

120 20.7 17.4 26.0

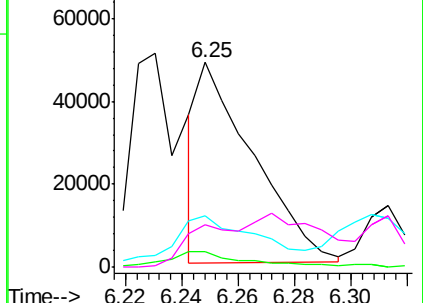
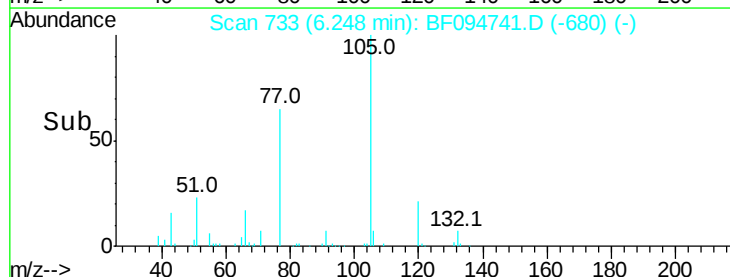


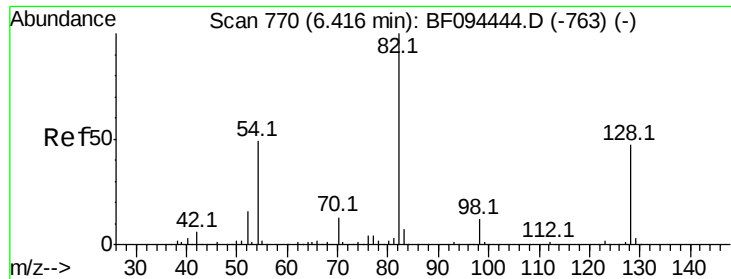
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

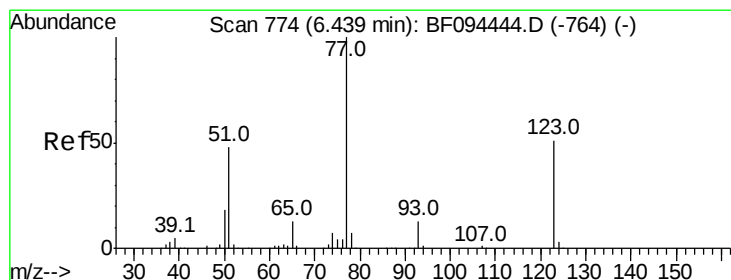
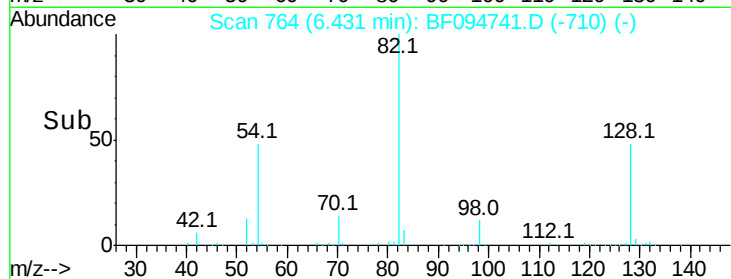
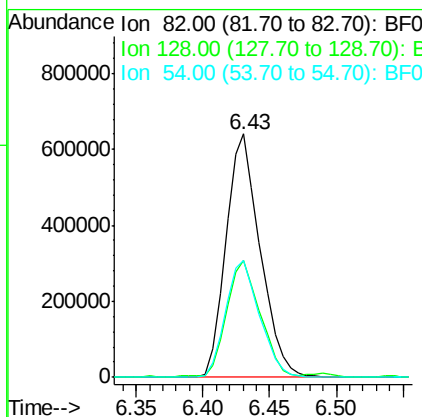
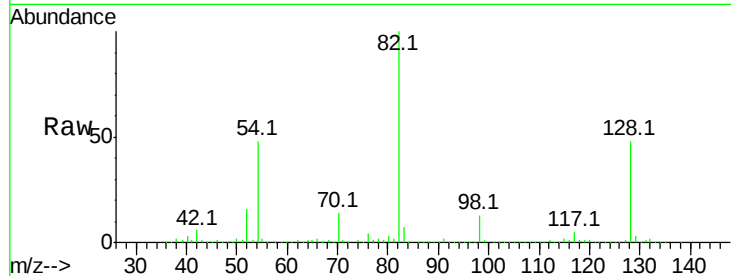




#23
Nitrobenzene-d5
Concen: 320.41 ng
RT: 6.43 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

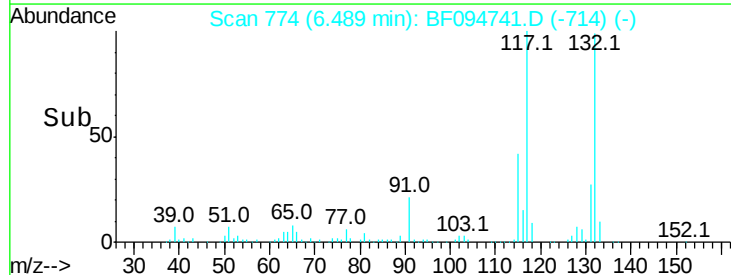
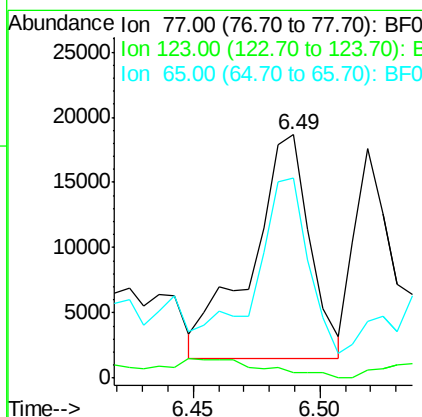
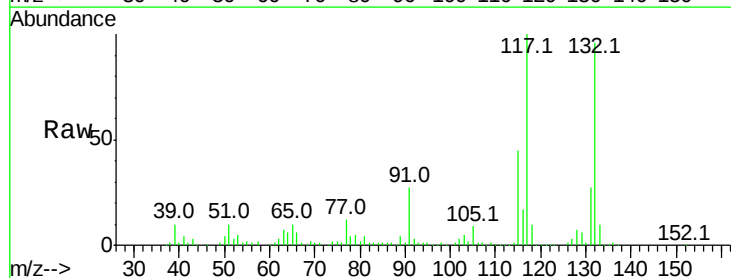
Instrument :
BNA_F
ClientSampleId :

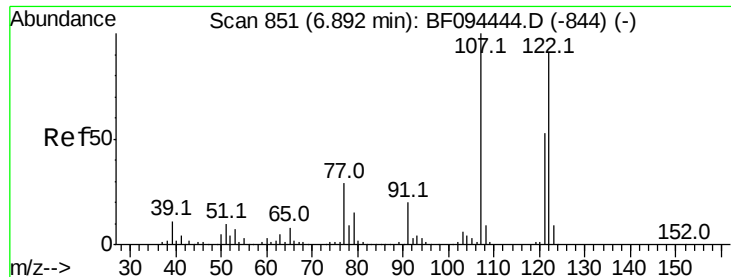
Tot Ion: 82 Resp: 1144037
Ion Ratio Lower Upper
82 100
128 48.2 34.0 51.0
54 48.0 42.2 63.2



#24
Nitrobenzene
Concen: 7.39 ng
RT: 6.49 min Scan# 774
Delta R.T. 0.05 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

Tgt Ion: 77 Resp: 27796
Ion Ratio Lower Upper
77 100
123 2.3 35.8 53.8#
65 82.1 10.6 15.8#





#27

2,4-Dimethylphenol

Concen: 37.27 ng

RT: 6.94 min Scan# 851

Delta R.T. 0.05 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

Instrument :

BNA_F

ClientSampleId :

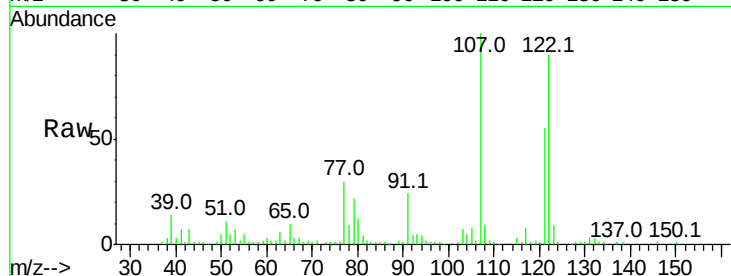
Tot Ion:122 Resp: 122303

Ion Ratio Lower Upper

122 100

107 111.0 89.2 133.8

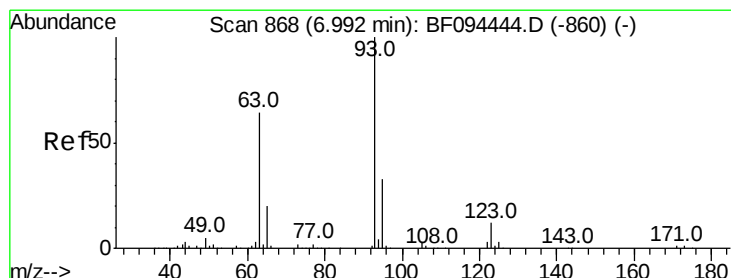
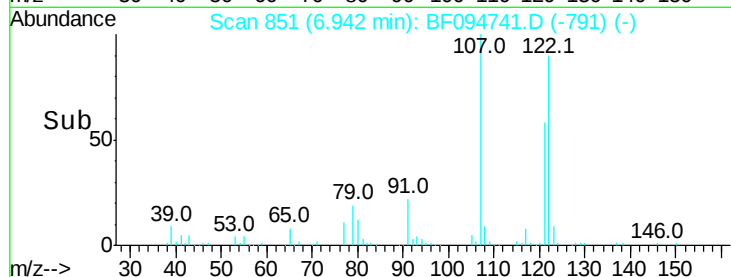
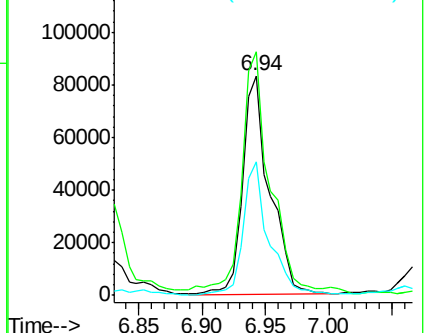
121 60.7 45.2 67.8



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: 5.65 ng

RT: 6.98 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

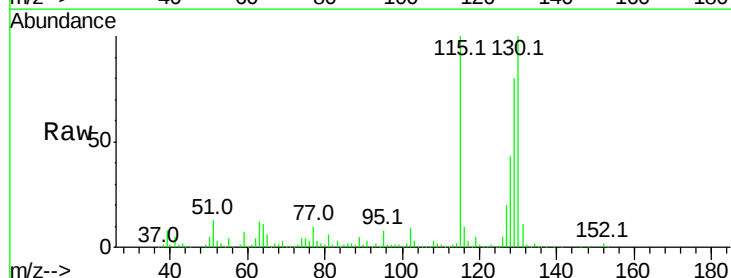
Tgt Ion: 93 Resp: 24181

Ion Ratio Lower Upper

93 100

95 527.6 26.5 39.7#

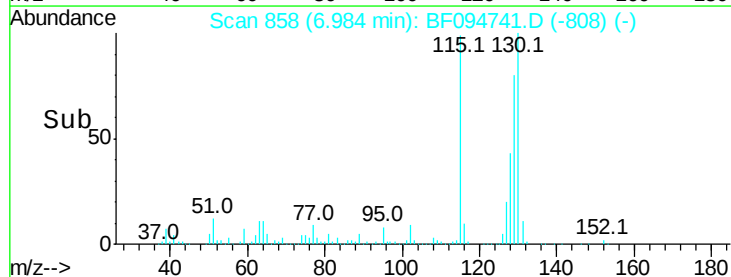
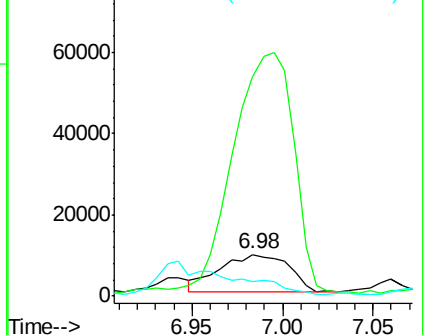
123 34.1 9.0 13.4#

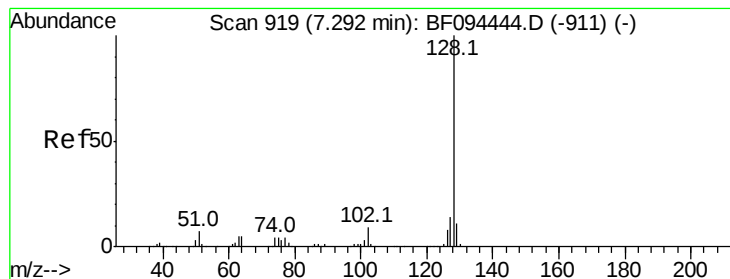


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#31

Naphthalene

Concen: 2033.58 ng

RT: 7.36 min Scan# 922

Delta R.T. 0.07 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

Instrument :

BNA_F

ClientSampleId :

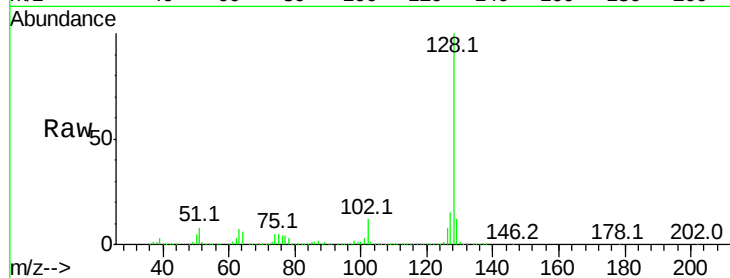
Tot Ion:128 Resp:21554322

Ion Ratio Lower Upper

128 100

129 12.0 9.0 13.6

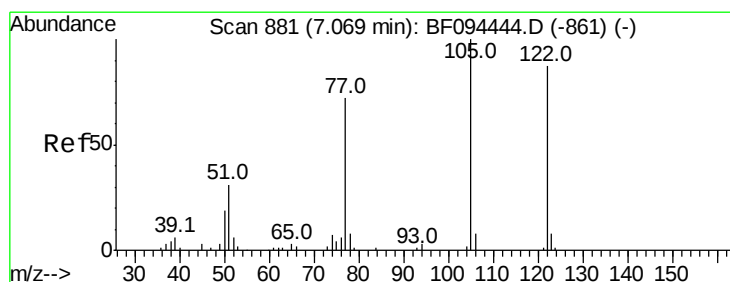
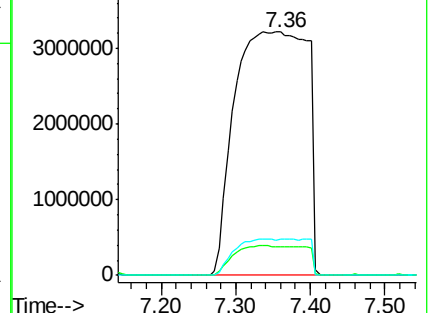
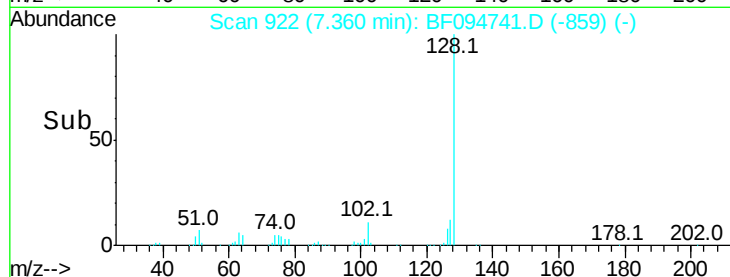
127 14.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.38 ng

RT: 7.08 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

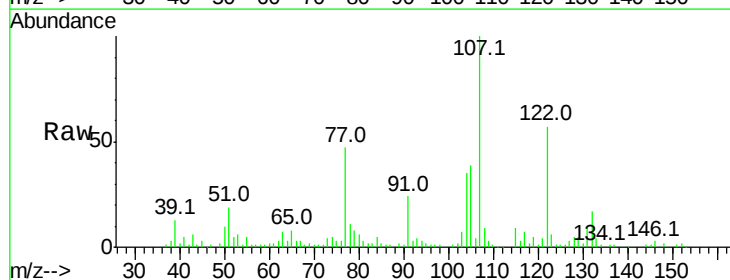
Tgt Ion:122 Resp: 82207

Ion Ratio Lower Upper

122 100

105 68.8 103.3 143.3#

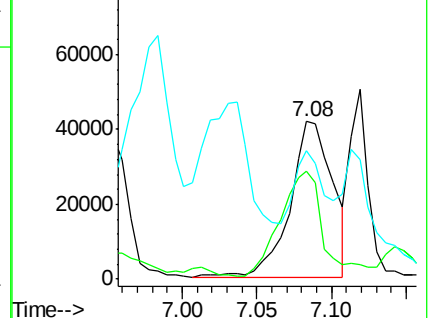
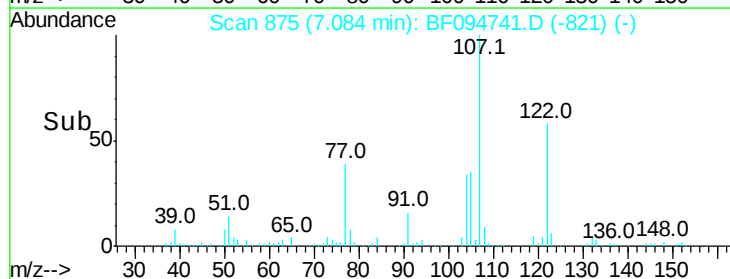
77 81.7 73.7 113.7

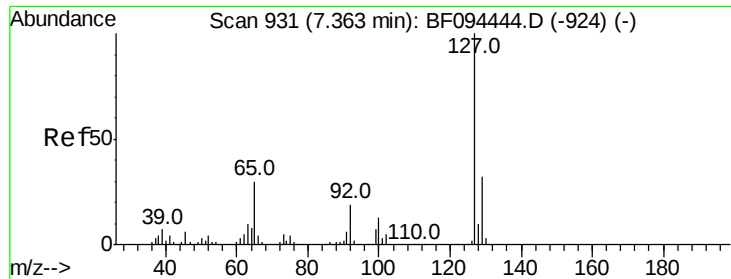


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

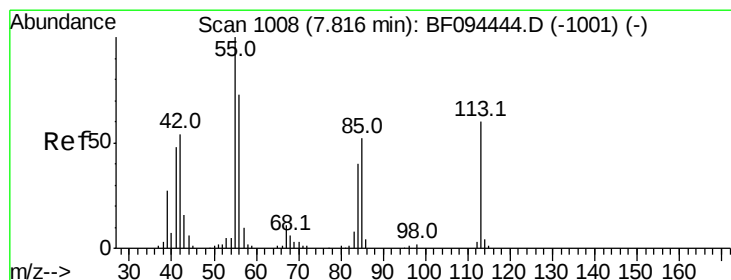
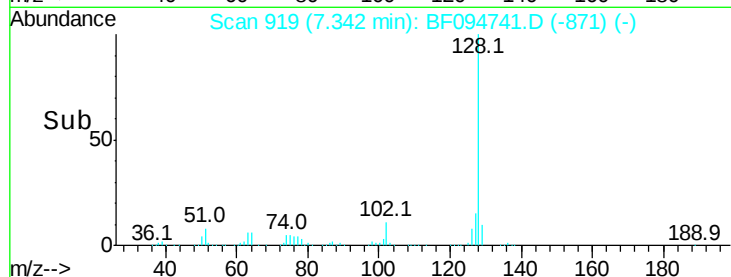
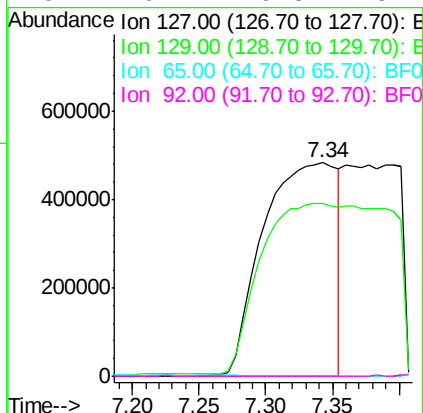
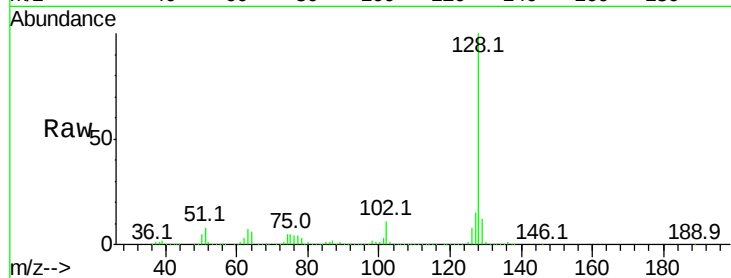




#33
4-Chloroaniline
Concen: 418.72 ng
RT: 7.34 min Scan# 919
Delta R.T. -0.02 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

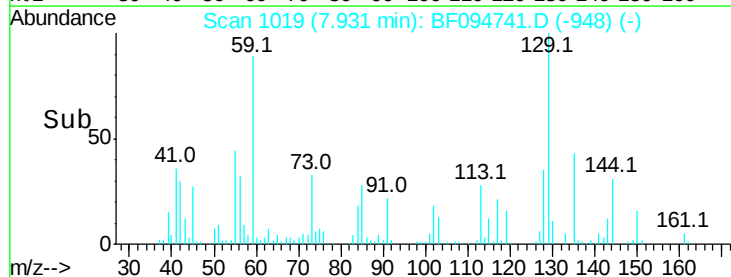
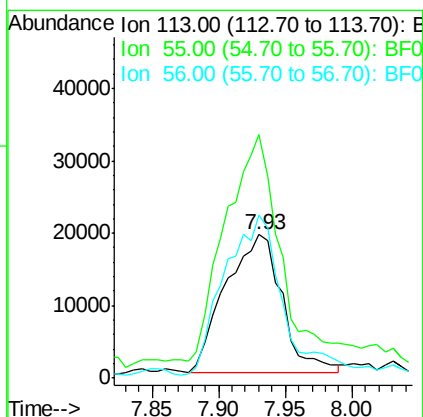
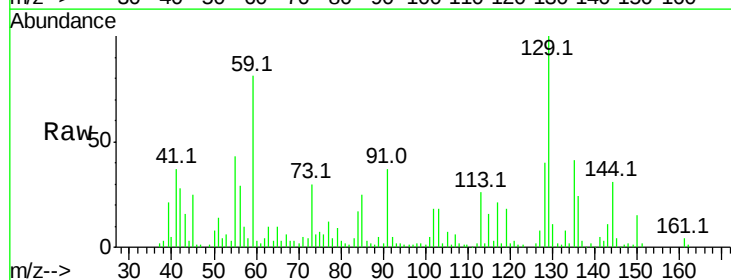
Instrument :
BNA_F
ClientSampleId :

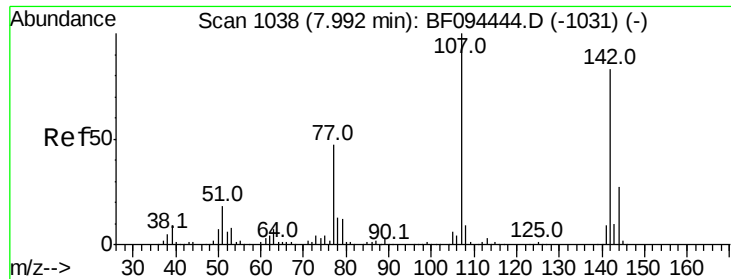
Tot Ion:127 Resp: 1846284
Ion Ratio Lower Upper
127 100
129 80.9 26.2 39.2#
65 0.0 27.8 41.8#
92 0.2 16.8 25.2#



#35
Caprolactam
Concen: 58.90 ng
RT: 7.93 min Scan# 1019
Delta R.T. 0.11 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

Tgt Ion:113 Resp: 56481
Ion Ratio Lower Upper
113 100
55 169.8 150.2 190.2
56 113.5 107.8 147.8

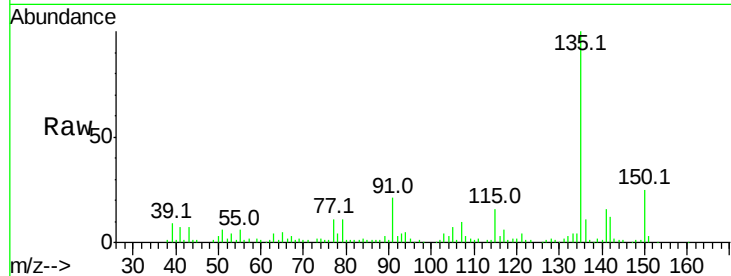




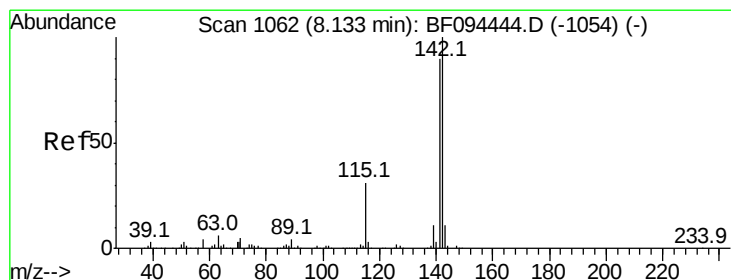
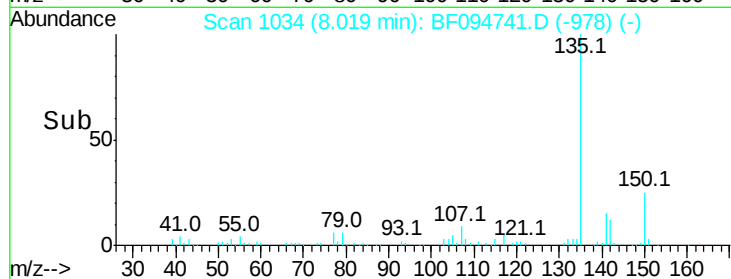
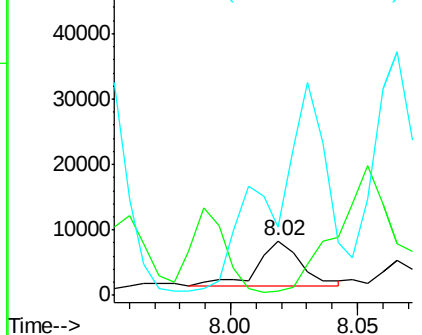
#36
 4-Chloro-3-methylphenol
 Concen: 2.67 ng
 RT: 8.02 min Scan# 1034
 Delta R.T. 0.03 min
 Lab File: BF094741.D
 Acq: 1 May 2017 4:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:107 Resp: 8534
 Ion Ratio Lower Upper
 107 100
 144 6.8 24.2 36.4#
 142 126.2 73.4 110.0#

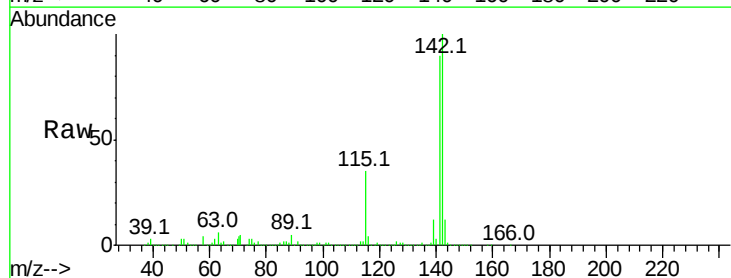


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

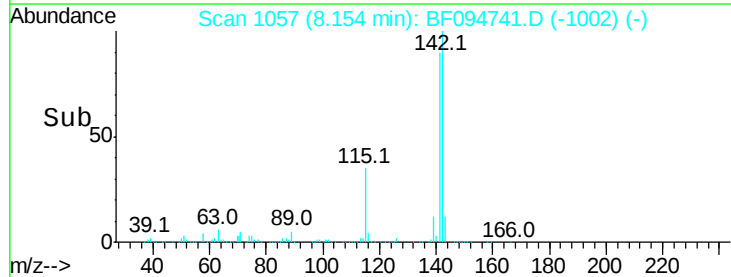
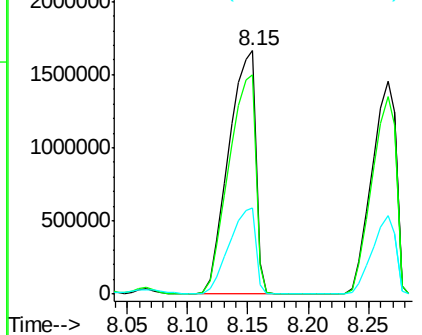


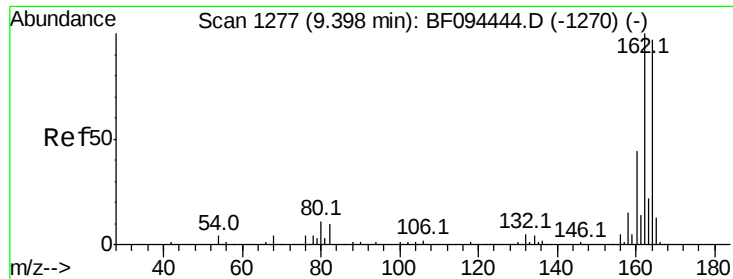
#37
 2-Methylnaphthalene
 Concen: 357.89 ng
 RT: 8.15 min Scan# 1057
 Delta R.T. 0.02 min
 Lab File: BF094741.D
 Acq: 1 May 2017 4:41

Tgt Ion:142 Resp: 2595256
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.3 106.9
 115 35.4 27.1 40.7



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

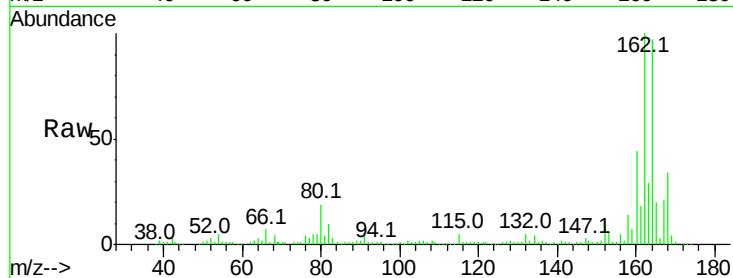




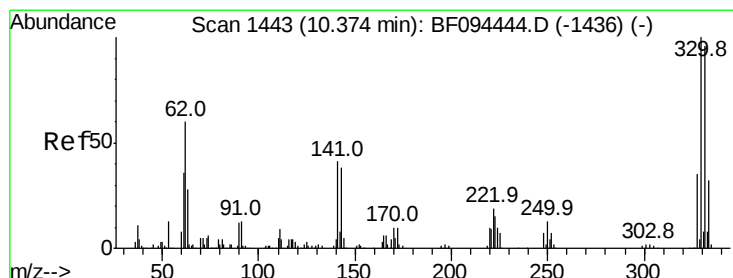
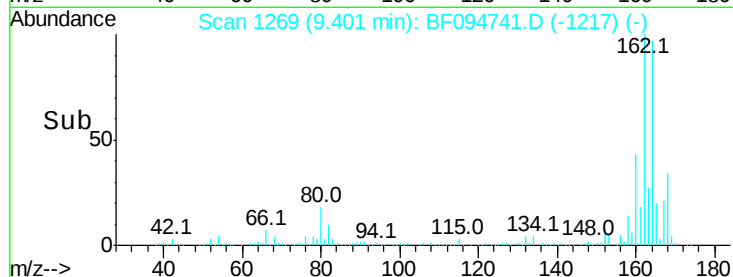
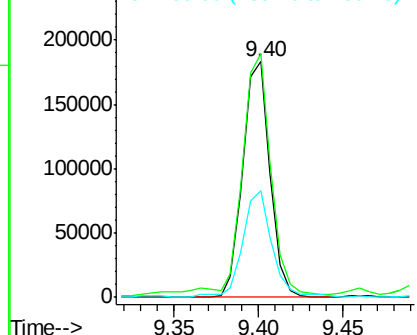
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF094741.D
 Acq: 1 May 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 204812
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 45.2 36.2 54.2

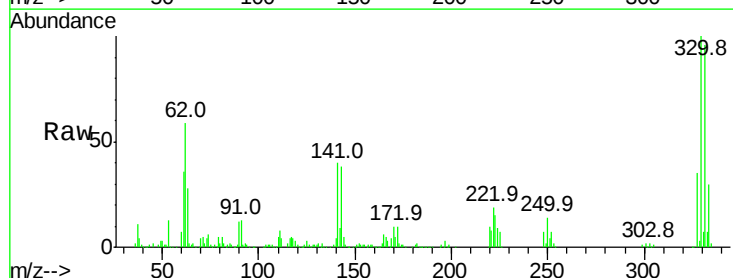


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

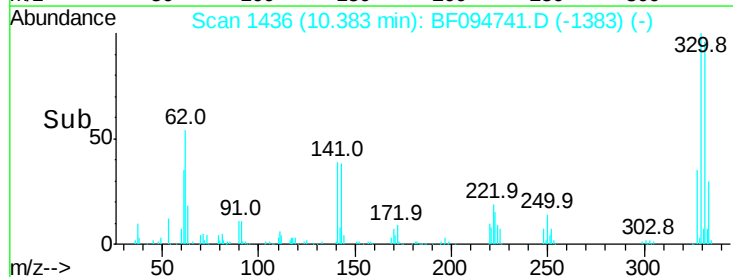
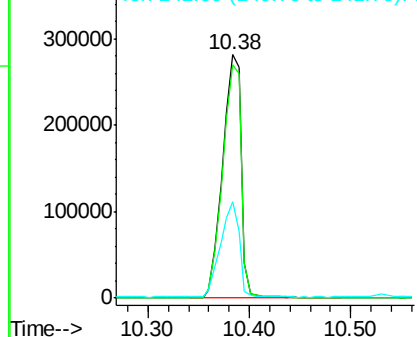


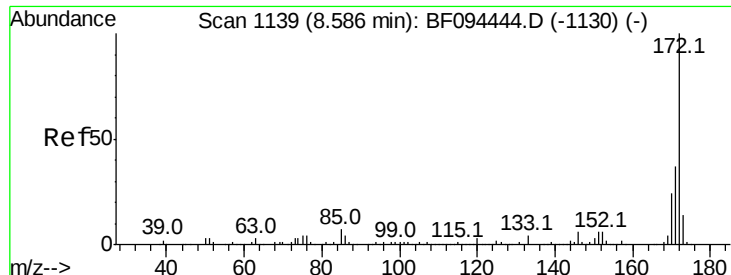
#41
 2,4,6-Tribromophenol
 Concen: 225.59 ng
 RT: 10.38 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF094741.D
 Acq: 1 May 2017 4:41

Tgt Ion:330 Resp: 361392
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.4 31.4 47.2



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



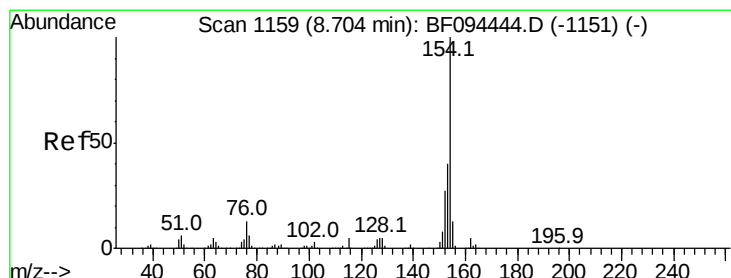
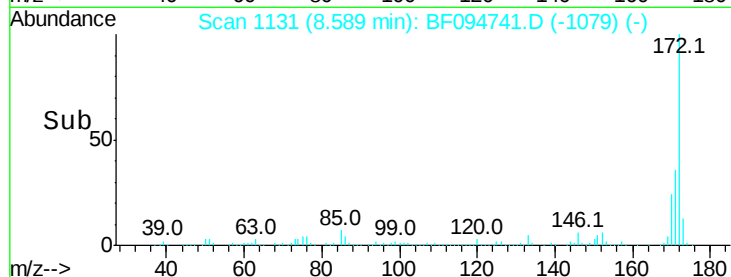
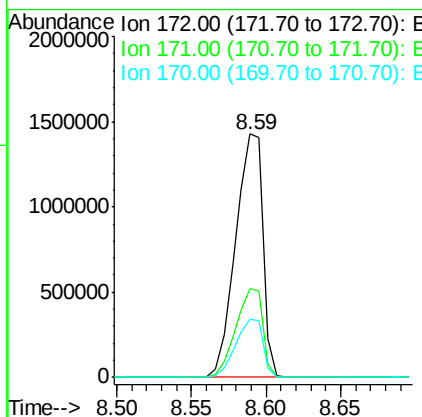
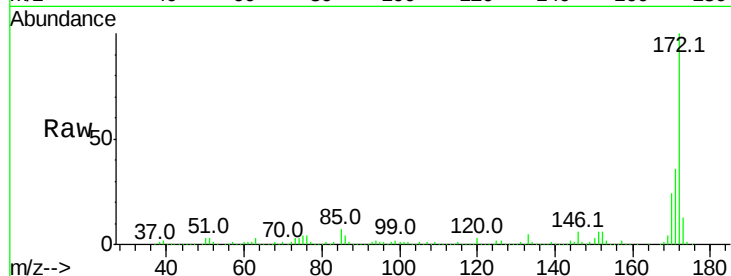


#44
 2-Fluorobiphenyl
 Concen: 131.00 ng
 RT: 8.59 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094741.D
 Acq: 1 May 2017 4:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1823521

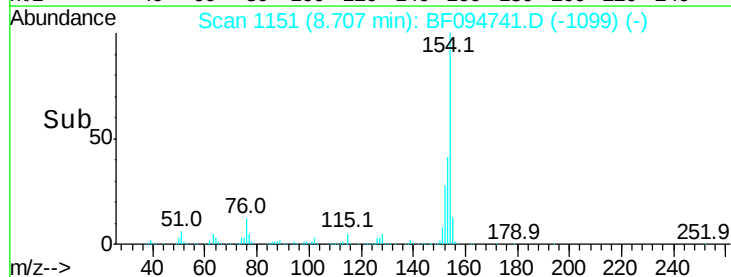
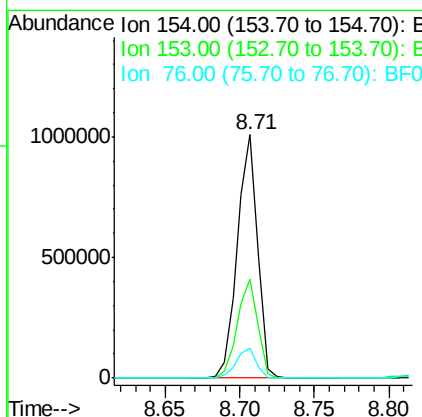
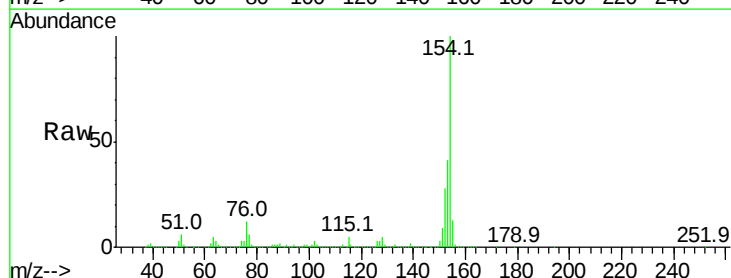
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.8	19.8	29.8

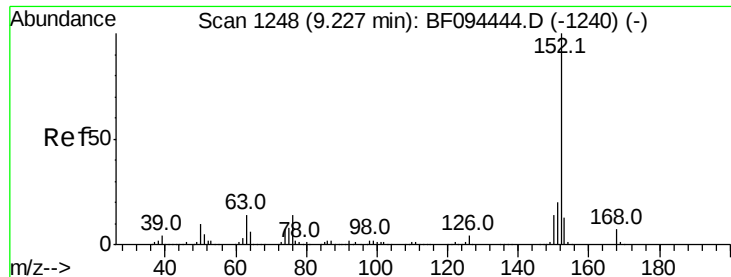


#45
 1,1'-Biphenyl
 Concen: 57.32 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF094741.D
 Acq: 1 May 2017 4:41

Tgt Ion:154 Resp: 959212

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	12.5	0.0	29.9





#48

Acenaphthylene

Concen: 90.18 ng

RT: 9.24 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

Instrument :

BNA_F

ClientSampleId :

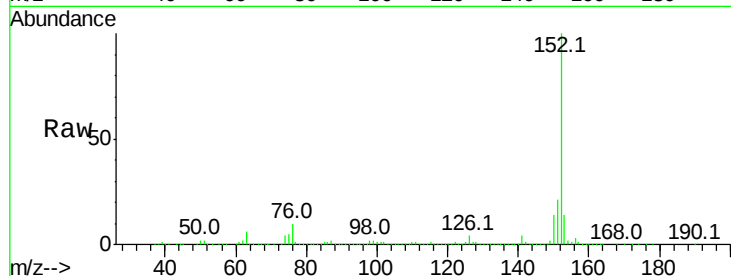
Tot Ion:152 Resp: 1870595

Ion Ratio Lower Upper

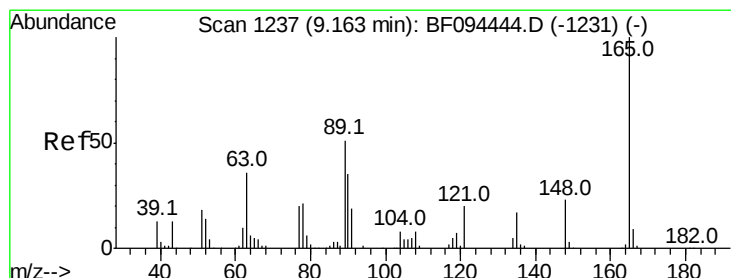
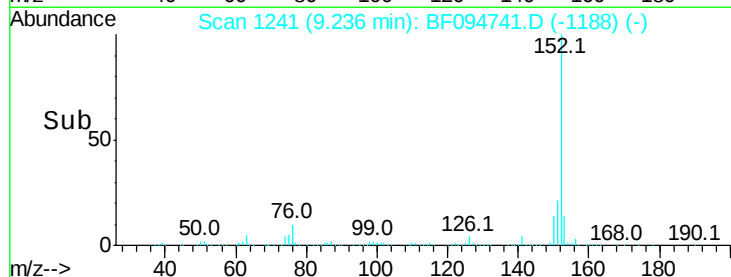
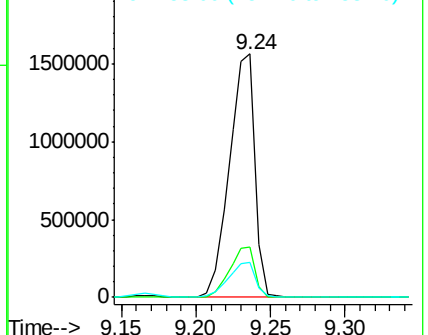
152 100

151 20.7 16.8 25.2

153 14.3 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 3.18 ng

RT: 9.04 min Scan# 1207

Delta R.T. -0.13 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

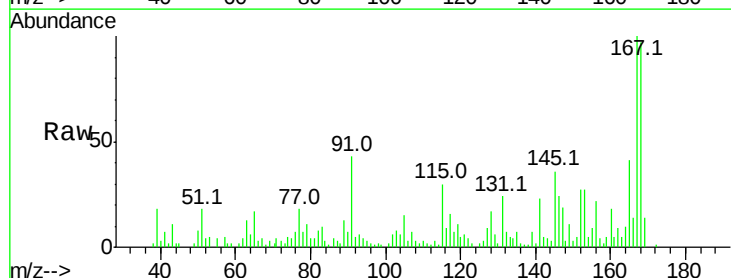
Tgt Ion:165 Resp: 10894

Ion Ratio Lower Upper

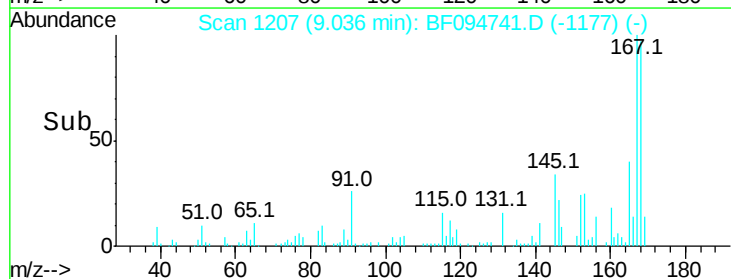
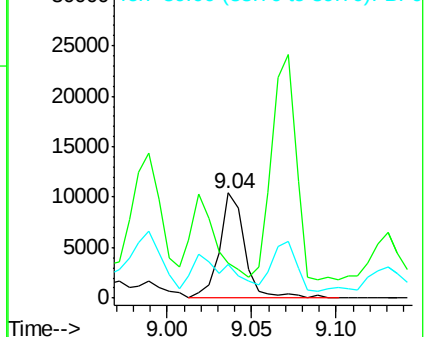
165 100

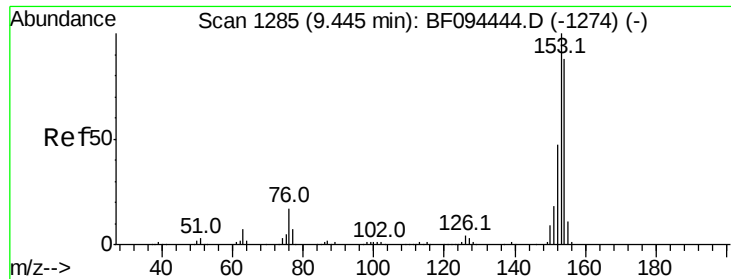
63 33.2 34.3 51.5#

89 31.6 37.1 55.7#



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





#51

Acenaphthene

Concen: 103.43 ng

RT: 9.45 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

Instrument :

BNA_F

ClientSampleId :

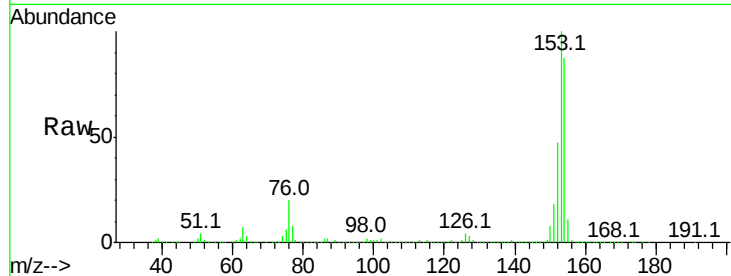
Tot Ion:154 Resp: 1284964

Ion Ratio Lower Upper

154 100

153 114.9 90.5 135.7

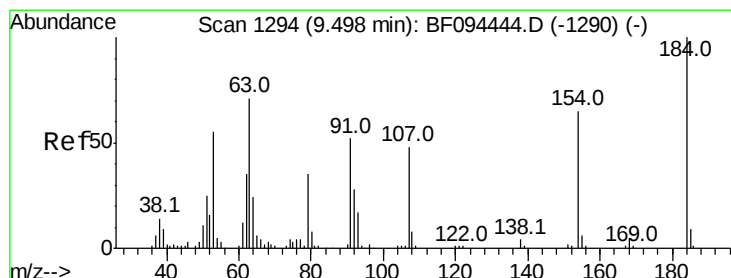
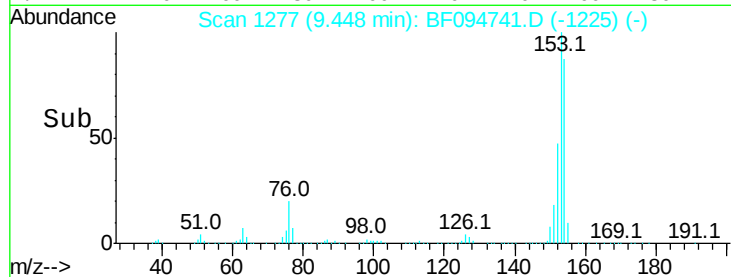
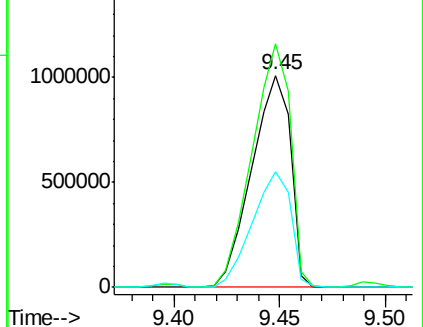
152 54.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 5.82 ng

RT: 9.57 min Scan# 1298

Delta R.T. 0.07 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

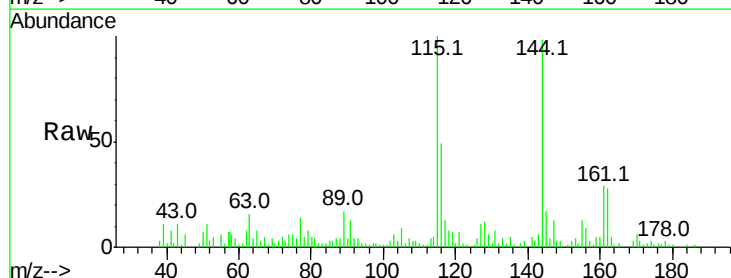
Tgt Ion:184 Resp: 117

Ion Ratio Lower Upper

184 100

63 1388.0 62.7 94.1#

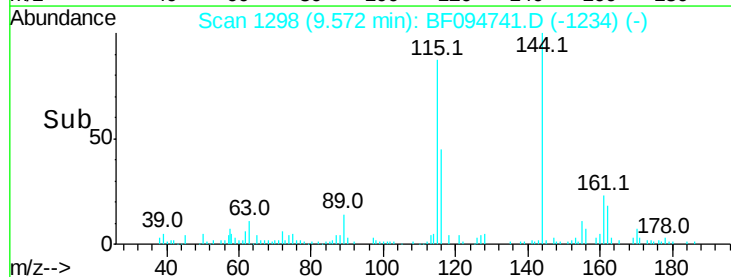
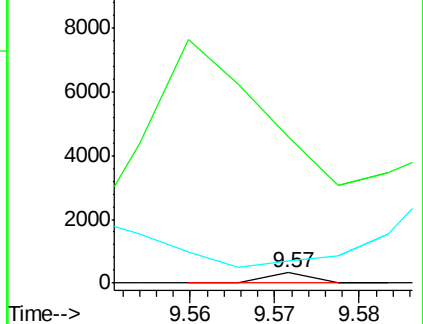
154 205.4 81.1 121.7#

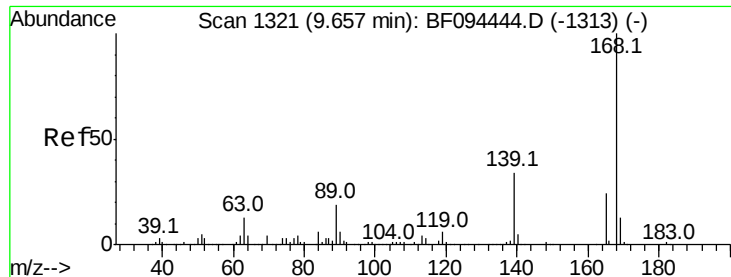


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 4.07 ng

RT: 9.65 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

Instrument :

BNA_F

ClientSampleId :

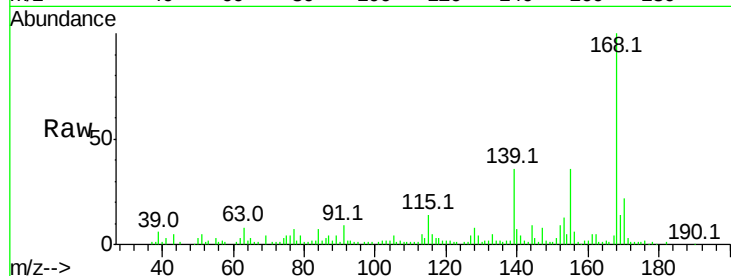
Tot Ion:168 Resp: 73501

Ion Ratio Lower Upper

168 100

139 35.5 30.6 45.8

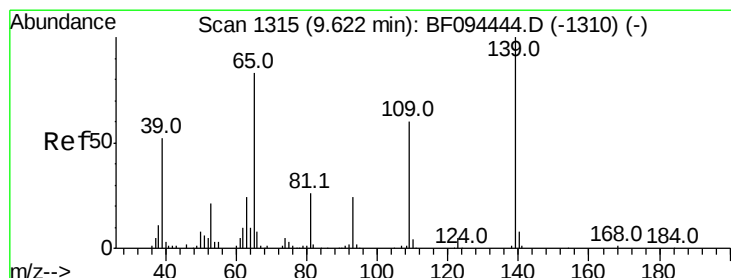
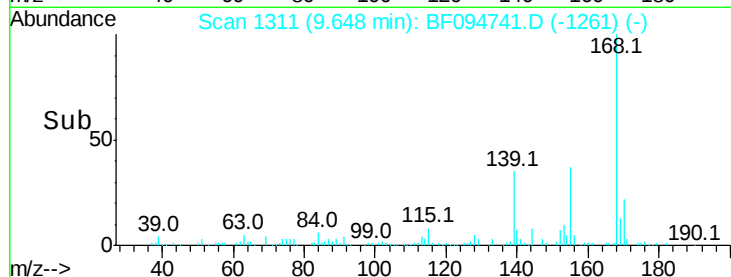
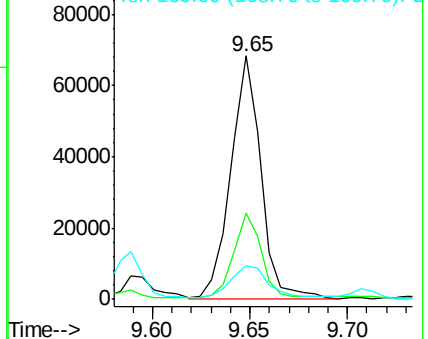
169 13.8 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 8.40 ng

RT: 9.65 min Scan# 1311

Delta R.T. 0.03 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

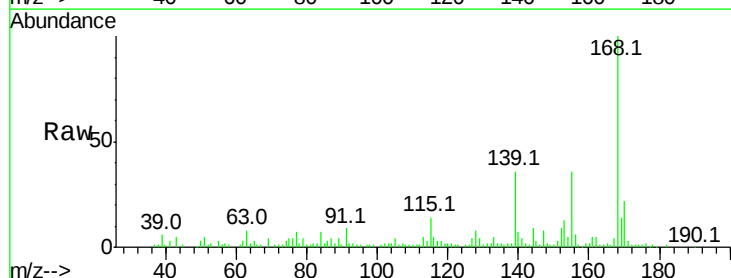
Tgt Ion:139 Resp: 23519

Ion Ratio Lower Upper

139 100

109 3.6 34.1 74.1#

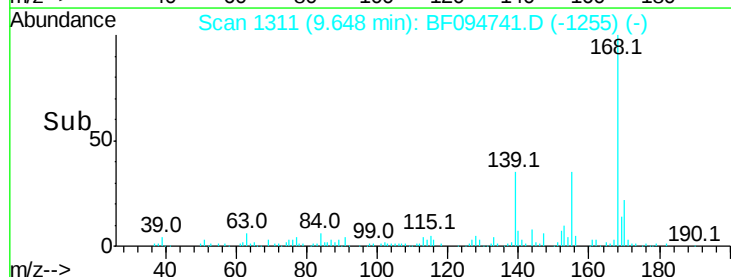
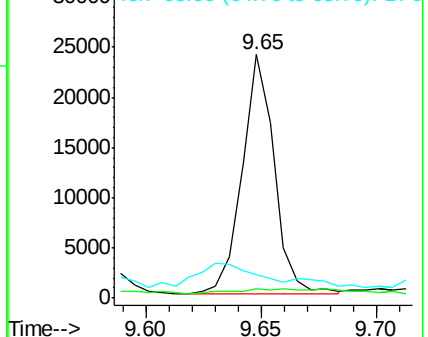
65 9.6 31.4 71.4#

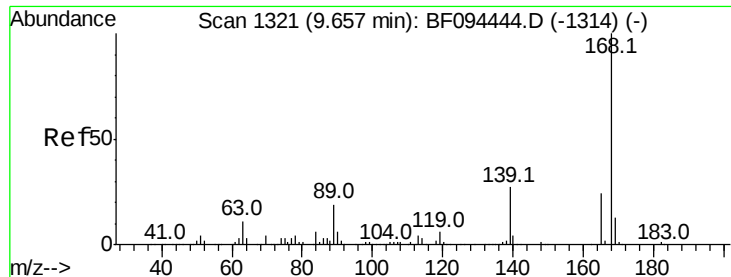


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 2.08 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.13 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 8743

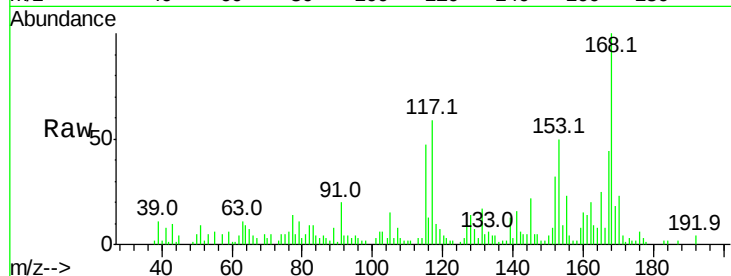
Ion Ratio Lower Upper

165 100

63 44.9 25.4 38.0#

89 30.6 46.4 69.6#

182 0.0 1.8 2.6#

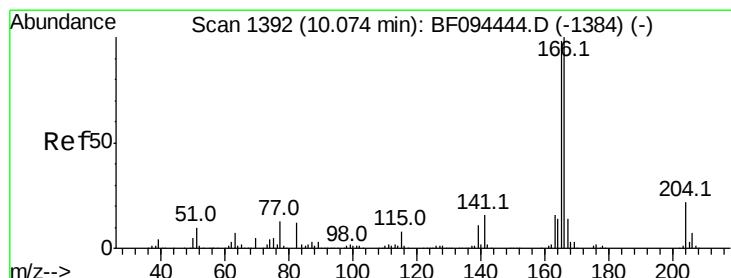
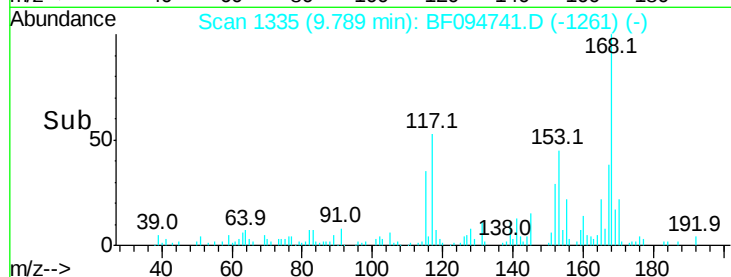
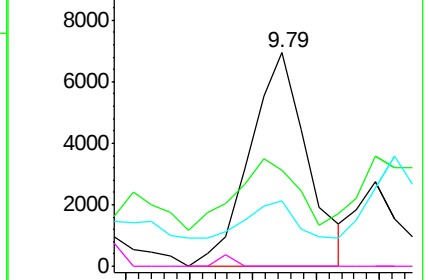


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 51.68 ng

RT: 10.08 min Scan# 1384

Delta R.T. 0.00 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

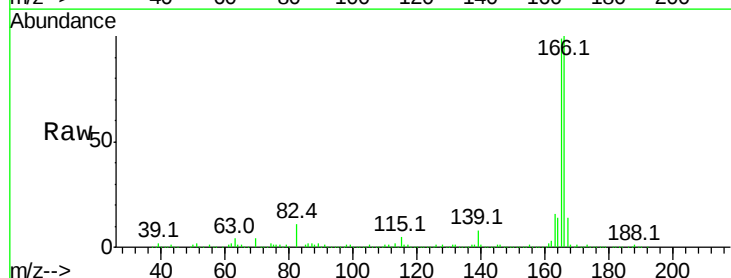
Tgt Ion:166 Resp: 726697

Ion Ratio Lower Upper

166 100

165 99.4 78.8 118.2

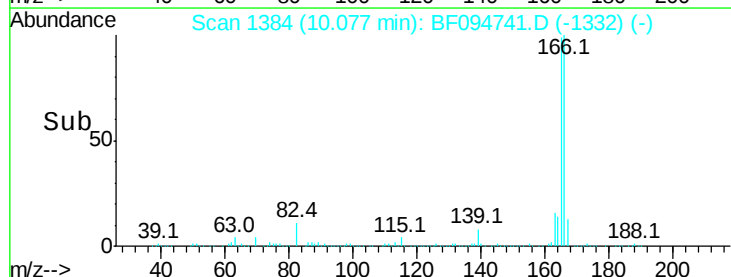
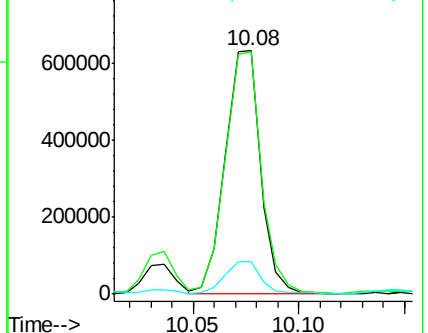
167 13.5 10.6 16.0

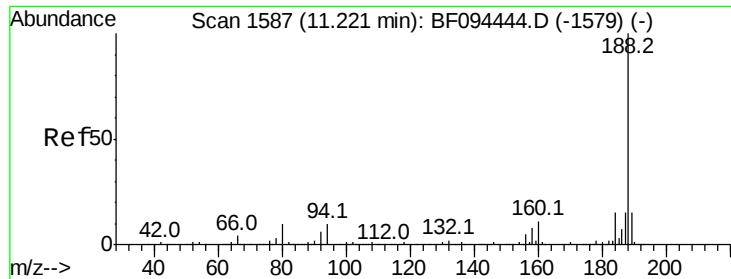


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

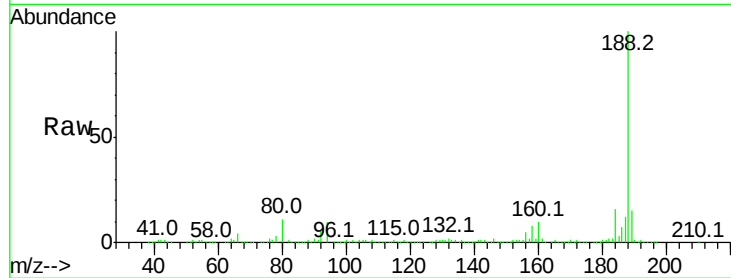




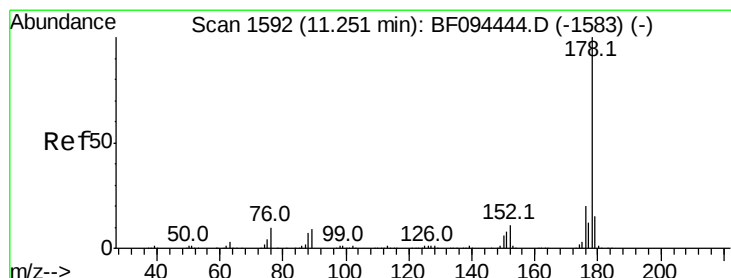
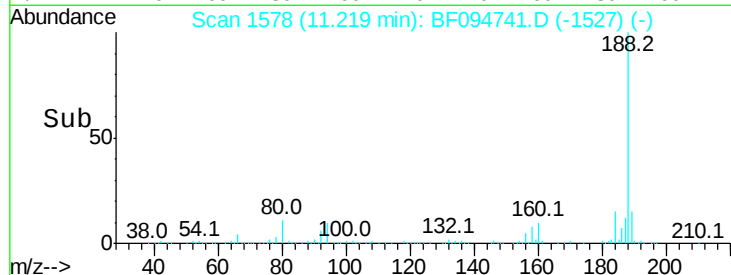
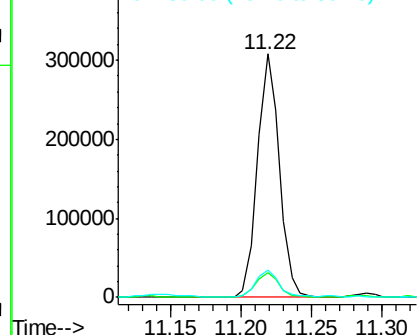
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 338179
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.3 10.2 15.2

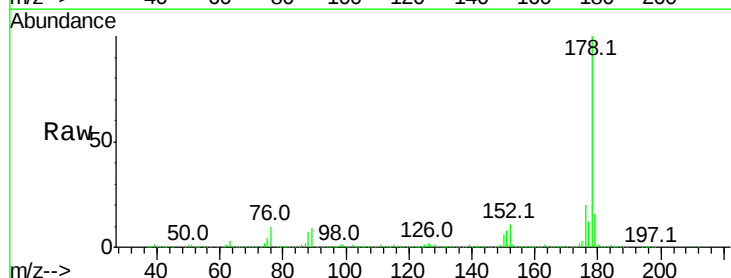


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

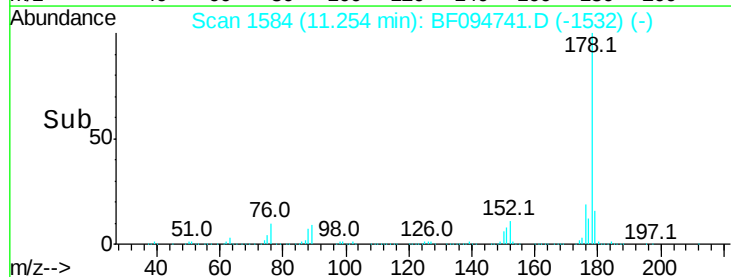
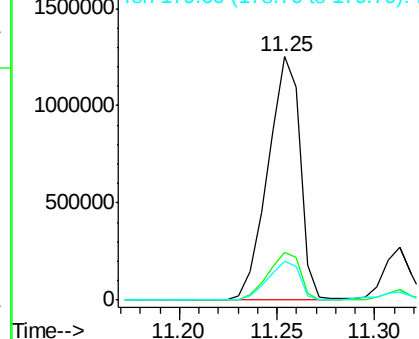


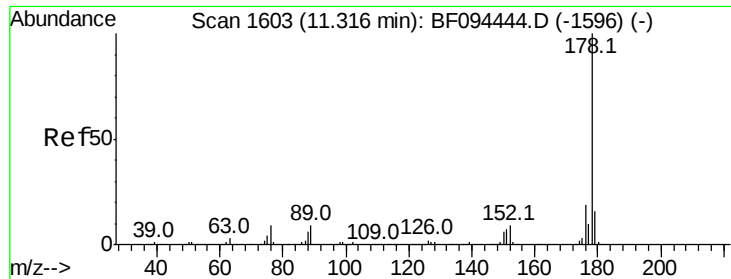
#70
Phenanthrene
Concen: 75.09 ng
RT: 11.25 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

Tgt Ion:178 Resp: 1429913
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 16.1 12.6 19.0



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





#71

Anthracene

Concen: 12.83 ng

RT: 11.31 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

Instrument :

BNA_F

ClientSampleId :

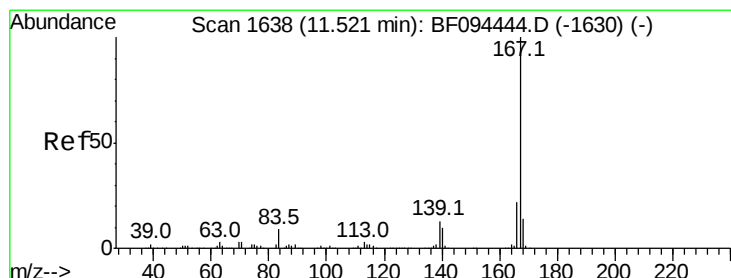
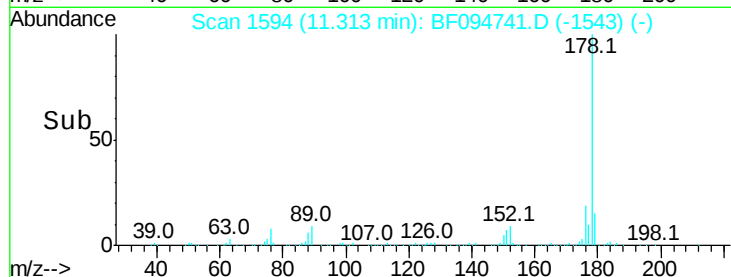
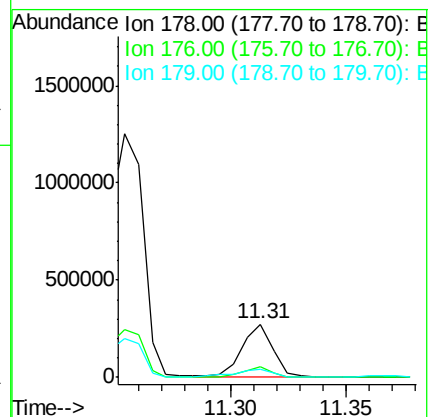
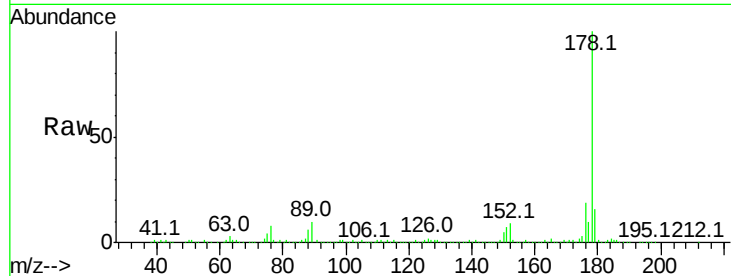
Tot Ion:178 Resp: 252794

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

179 15.6 12.7 19.1



#72

Carbazole

Concen: 4.03 ng

RT: 11.52 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

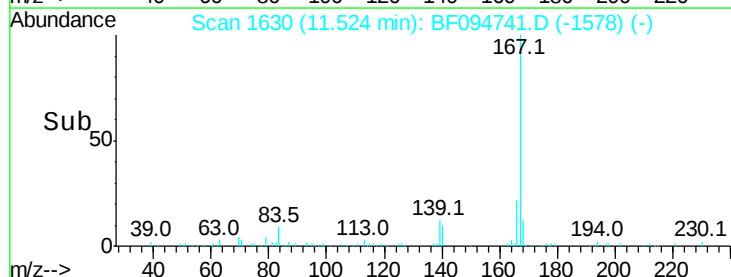
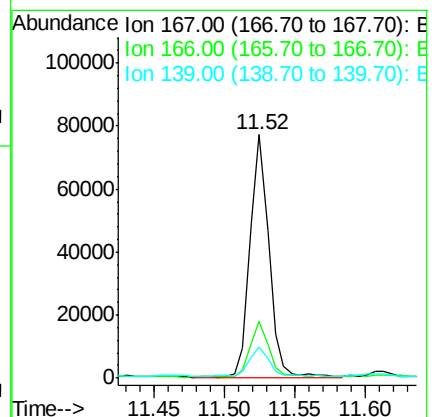
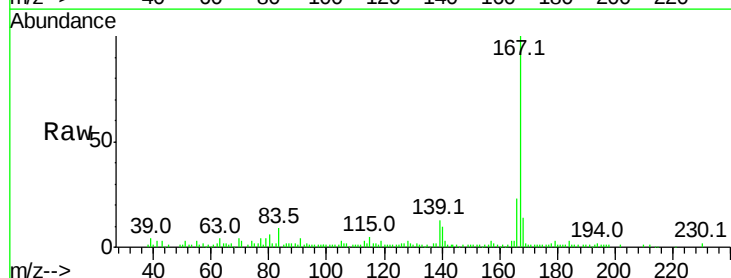
Tgt Ion:167 Resp: 74501

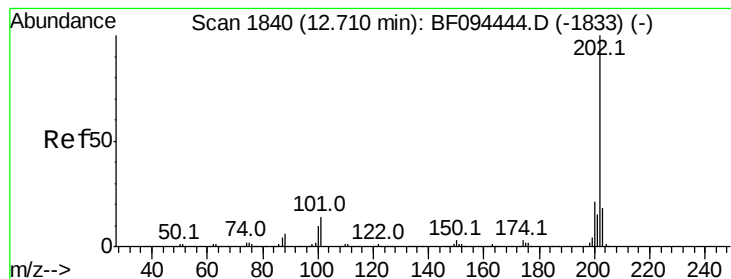
Ion Ratio Lower Upper

167 100

166 23.1 18.1 27.1

139 12.9 11.7 17.5





#74

Fluoranthene

Concen: 11.89 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

Instrument :

BNA_F

ClientSampleId :

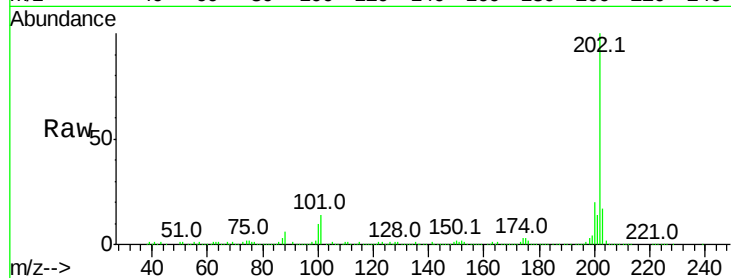
Tot Ion:202 Resp: 234713

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

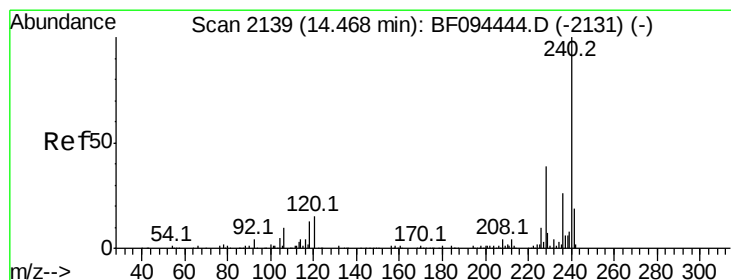
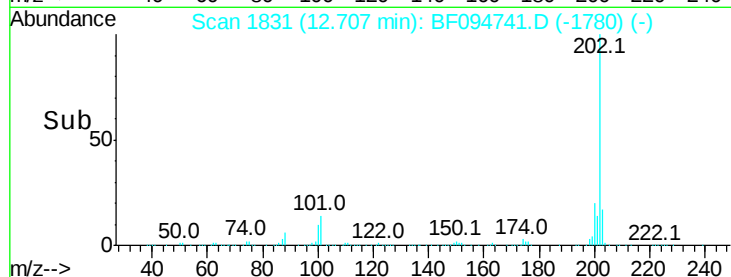
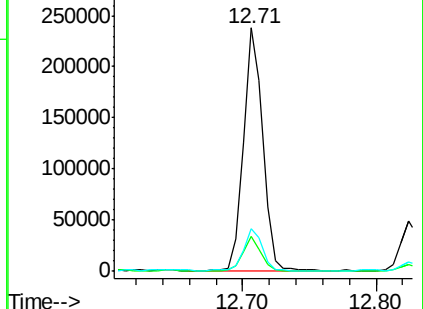
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.48 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BF094741.D

Acq: 1 May 2017 4:41

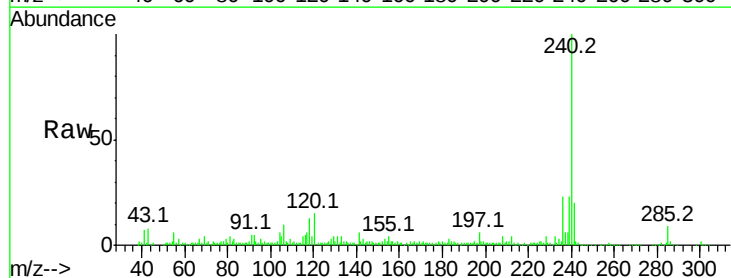
Tgt Ion:240 Resp: 228484

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

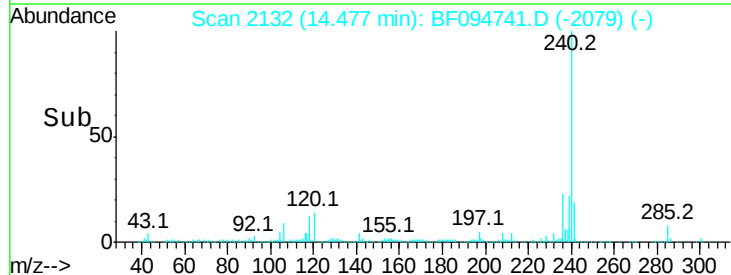
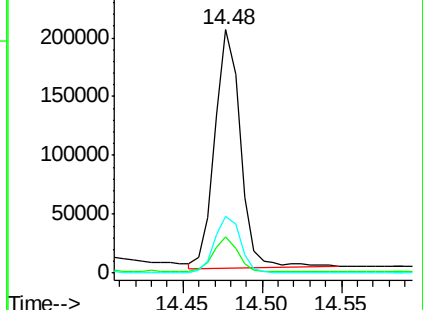
236 23.2 20.5 30.7

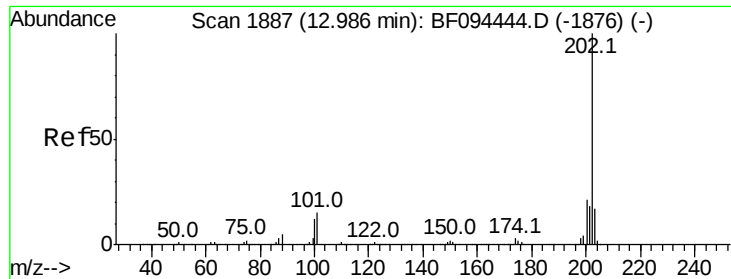


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

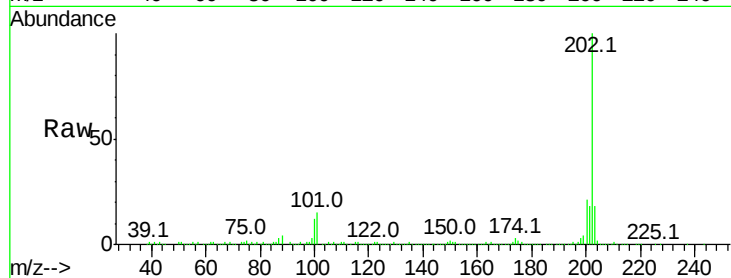




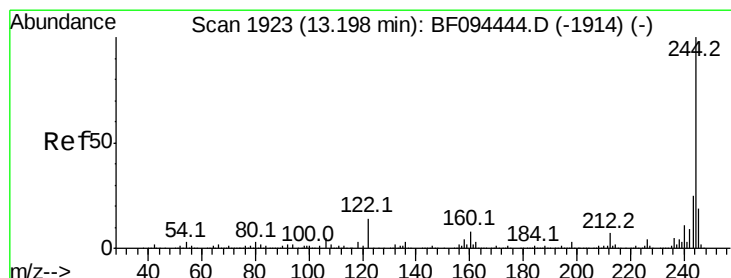
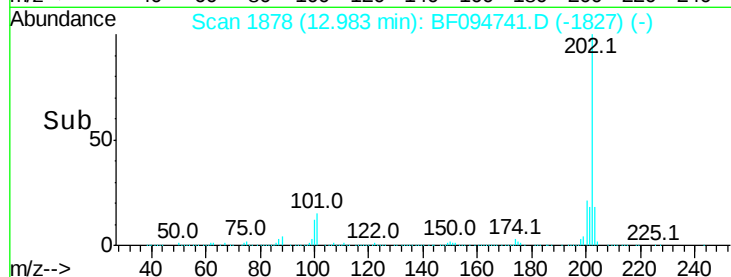
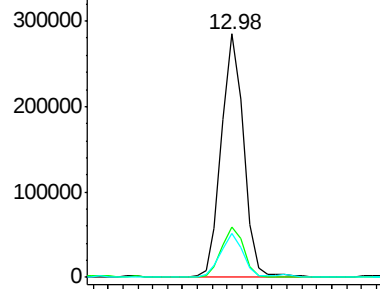
#77
Pvrene
Concen: 18.30 ng
RT: 12.98 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 292086
Ion Ratio Lower Upper
202 100
200 20.7 17.6 26.4
203 18.1 14.4 21.6

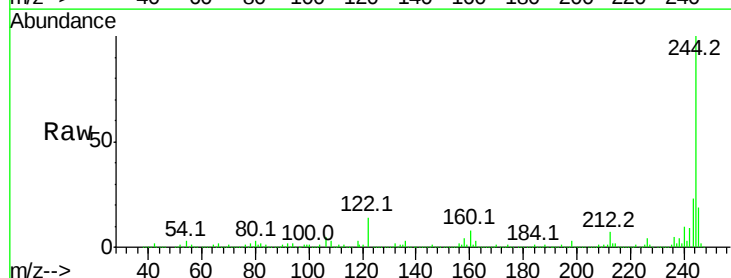


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

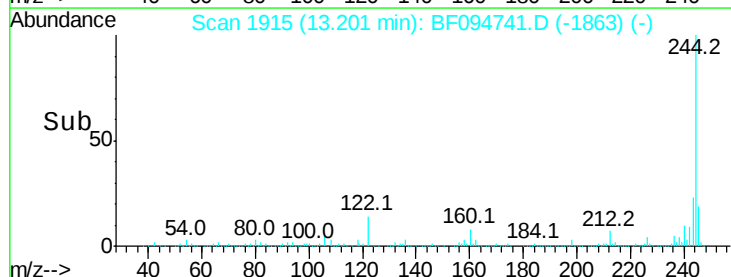
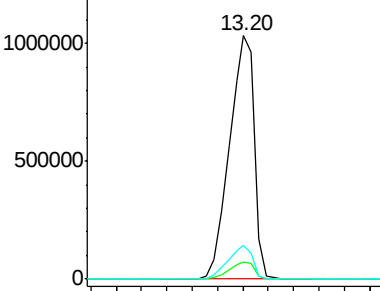


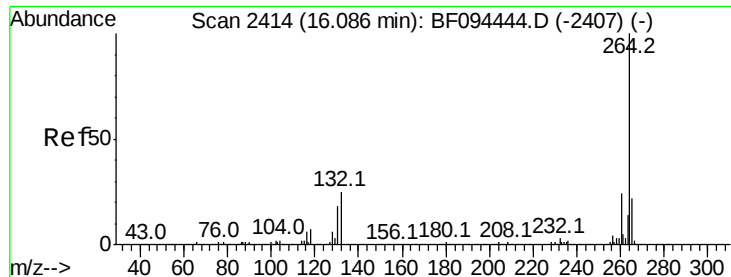
#78
Terphenyl-d14
Concen: 164.86 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

Tgt Ion:244 Resp: 1409228
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 14.0 10.3 15.5



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

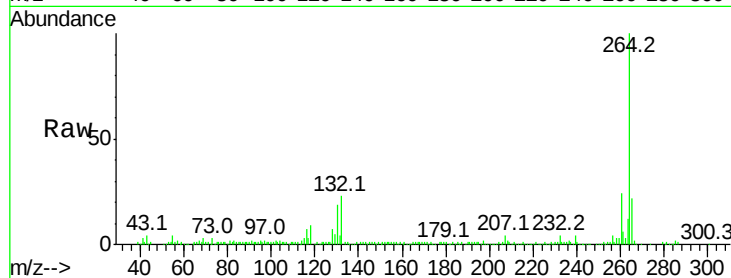




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 2410
Delta R.T. 0.03 min
Lab File: BF094741.D
Acq: 1 May 2017 4:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.9	17.2	25.8



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

