

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080619.D
 Acq On : 24 Jul 2015 4:55
 Operator : TP/UM
 Sample : G3054-03 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC3

Quant Time: Jul 24 06:18:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 01:01:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	40227	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	158570	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	74552	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	152726	20.00	ng	0.00
75) Chrysene-d12	14.27	240	201441	20.00	ng	0.09
86) Perylene-d12	15.93	264	185299	20.00	ng	0.18

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	22810	9.79	ng	0.01
7) Phenol-d6	6.56	99	62783	22.05	ng	0.00
23) Nitrobenzene-d5	7.50	82	39623	14.16	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	914	1.55	ng	0.01
44) 2-Fluorobiphenyl	9.31	172	71704	13.95	ng	0.00
78) Terphenyl-d14	13.11	244	94470	9.81	ng	0.03

Target Compounds

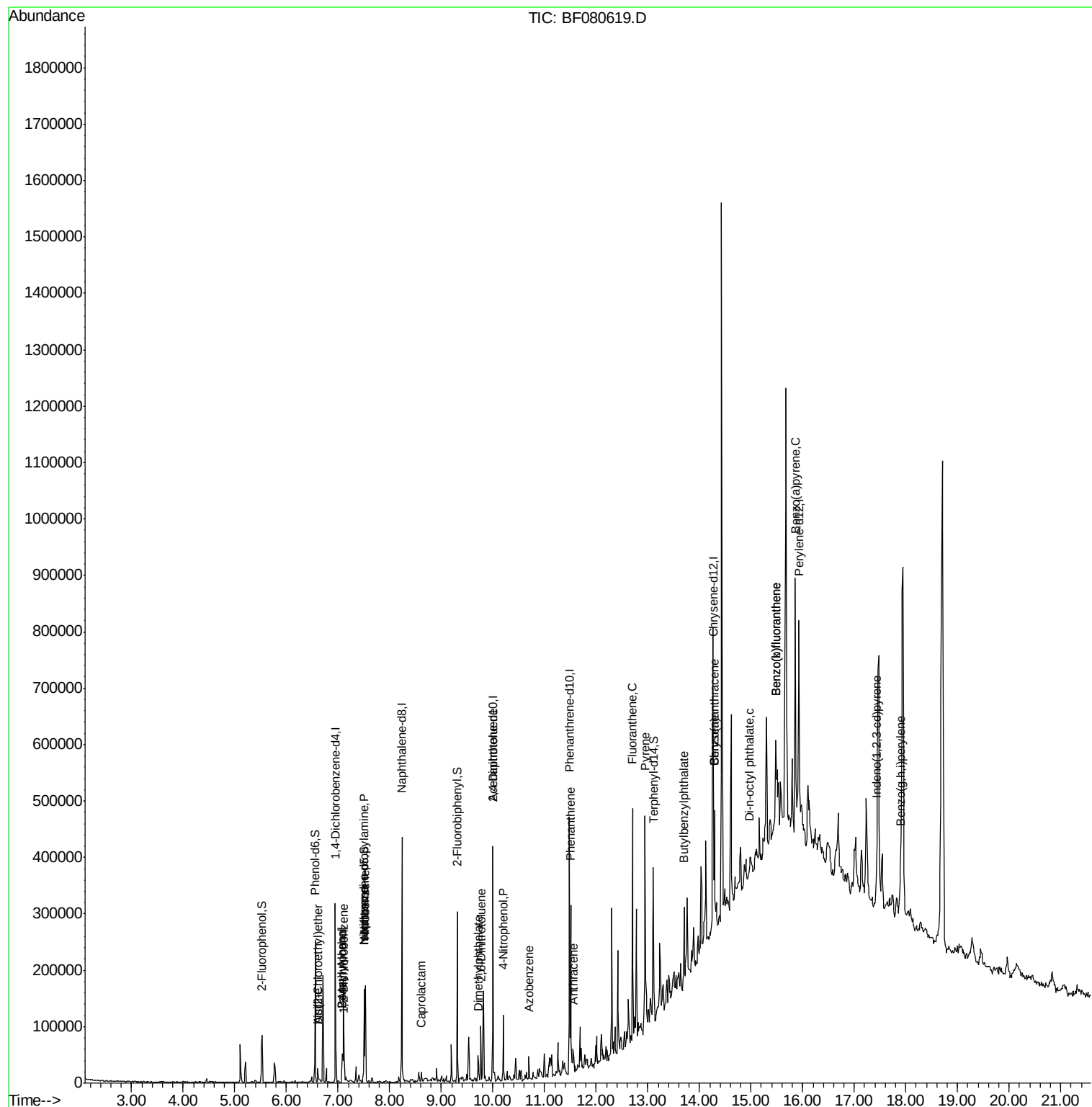
						Qvalue
6) Aniline	6.60	93	17233	4.14	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	17233	7.29	ng	# 16
14) 1,2-Dichlorobenzene	7.12	146	7473	2.59	ng	97
15) Benzyl Alcohol	7.08	79	9529	3.80	ng	93
17) 2-Methylphenol	7.08	107	5299	2.69	ng	# 28
19) n-Nitroso-di-n-propylamine	7.50	70	5537	2.87	ng	# 79
24) Nitrobenzene	7.53	77	33793	11.30	ng	92
25) Isophorone	7.50	82	37301	7.20	ng	# 66
35) Caprolactam	8.61	113	1168	2.25	ng	# 45
49) Dimethylphthalate	9.71	163	18154	3.31	ng	# 99
50) 2,6-Dinitrotoluene	9.77	165	2930	2.86	ng	# 36
55) 4-Nitrophenol	10.20	139	2073	2.57	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	10585	8.24	ng	# 10
62) Azobenzene	10.69	77	13623	2.54	ng	93
70) Phenanthrene	11.50	178	99791	11.58	ng	100
71) Anthracene	11.55	178	21757	2.69	ng	99
74) Fluoranthene	12.70	202	162702	21.09	ng	99
77) Pyrene	12.94	202	148063	10.96	ng	100
79) Butylbenzylphthalate	13.70	149	1113	5.51	ng	# 1
80) Benzo(a)anthracene	14.29	228	80939	7.13	ng	96
82) Chrysene	14.29	228	80939	7.16	ng	97
84) Di-n-octyl phthalate	14.97	149	768	6.00	ng	# 30
85) Indeno(1,2,3-cd)pyrene	17.44	276	49185	5.75	ng	97
87) Benzo(b)fluoranthene	15.48	252	136230	12.09	ng	# 89
88) Benzo(k)fluoranthene	15.48	252	136230	12.15	ng	# 92
89) Benzo(a)pyrene	15.86	252	69928	6.99	ng	98
91) Benzo(g,h,i)perylene	17.89	276	50659	5.25	ng	96

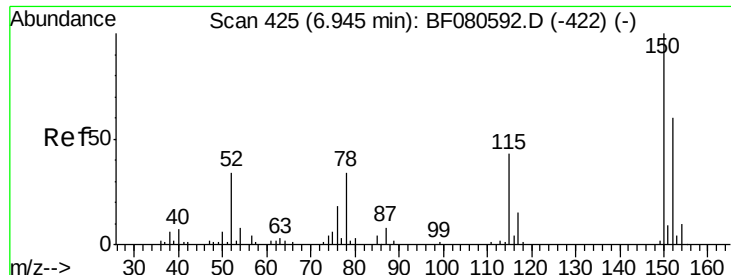
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 01:01:51 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

CONC3

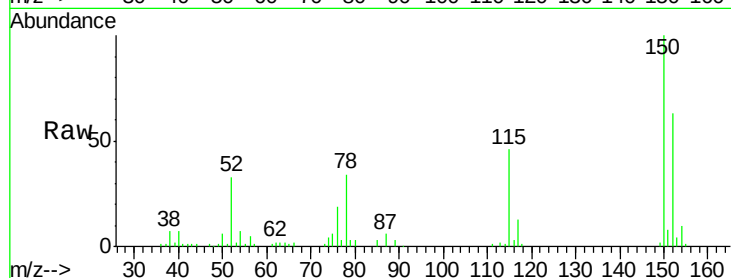
Tgt Ion:152 Resp: 40227

Ion Ratio Lower Upper

152 100

150 157.7 128.7 193.1

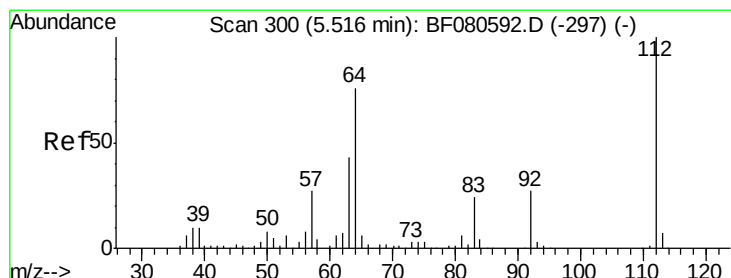
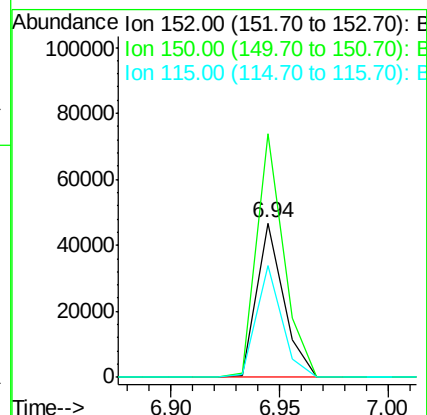
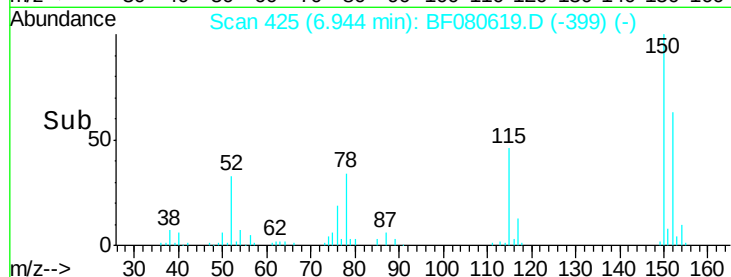
115 72.6 56.8 85.2



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: 9.79 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

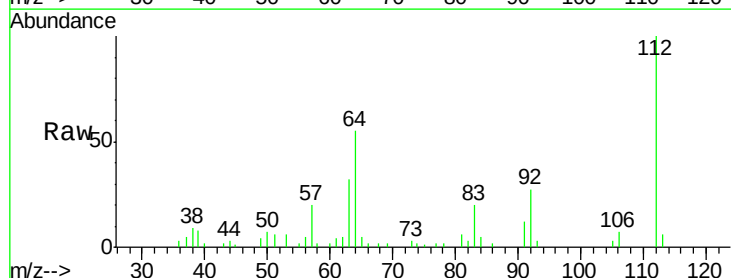
Tgt Ion:112 Resp: 22810

Ion Ratio Lower Upper

112 100

64 55.2 60.2 90.2#

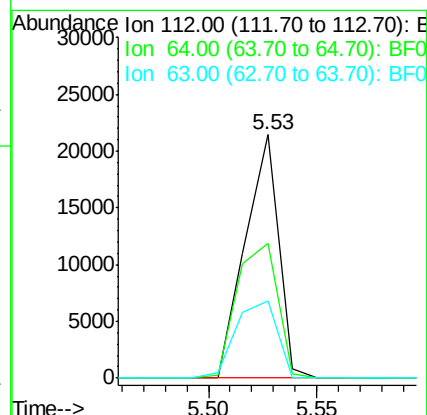
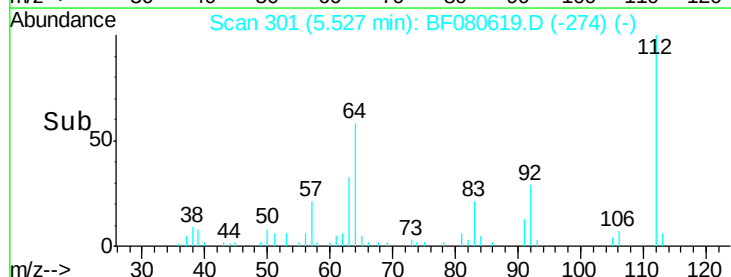
63 31.5 34.8 52.2#

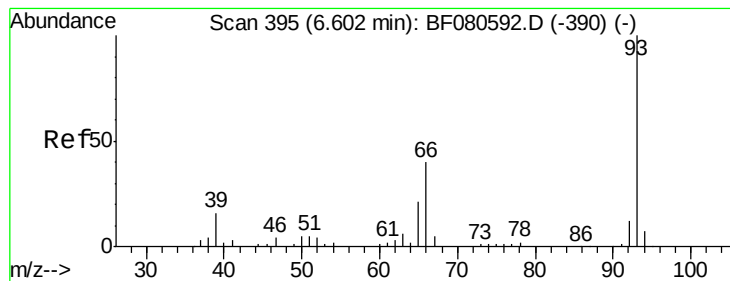


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 4.14 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

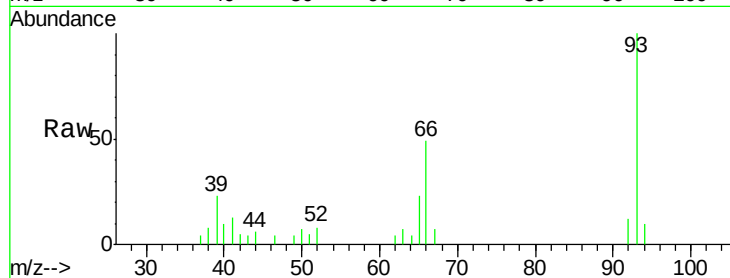
BNA_F

ClientSampleId :

CONC3

Tgt Ion: 93 Resp: 17233

Ion	Ratio	Lower	Upper
93	100		
66	49.0	33.1	49.7
65	23.3	17.2	25.8

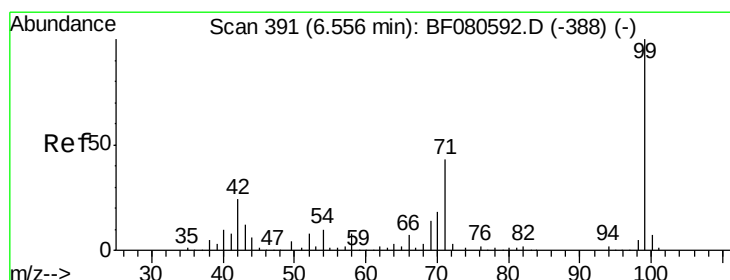
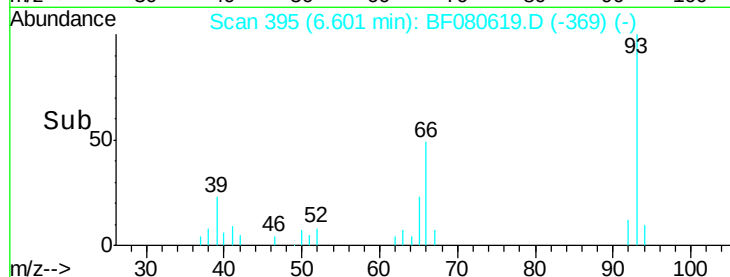
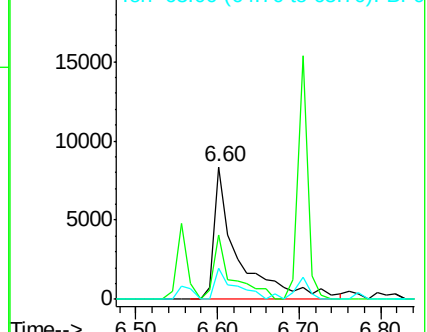


Abundance

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: 22.05 ng

RT: 6.56 min Scan# 391

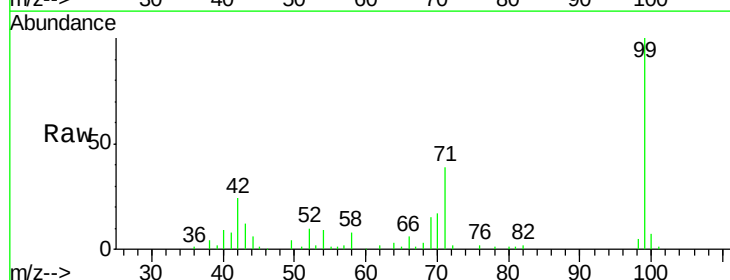
Delta R.T. 0.00 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Tgt Ion: 99 Resp: 62783

Ion	Ratio	Lower	Upper
99	100		
42	24.0	17.4	26.2
71	39.3	29.0	43.6

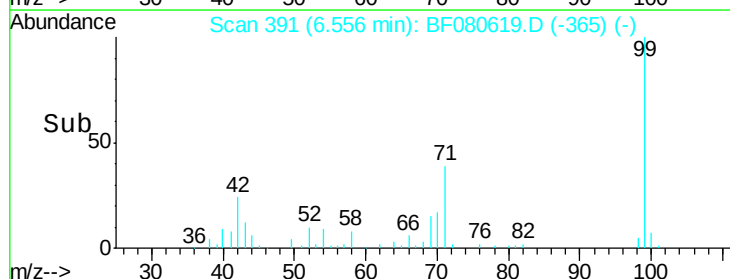
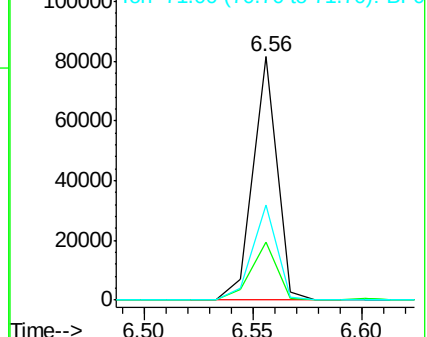


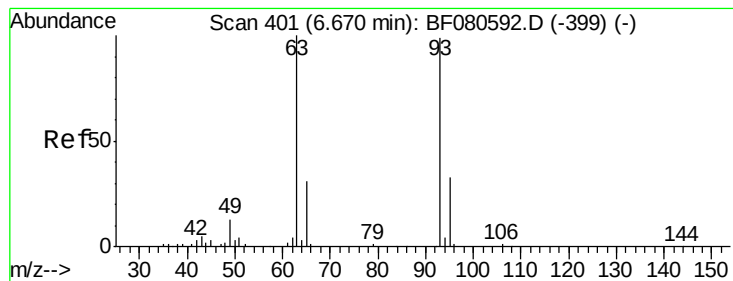
Abundance

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





#11

bis(2-Chloroethyl)ether

Concen: 7.29 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.07 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

CONC3

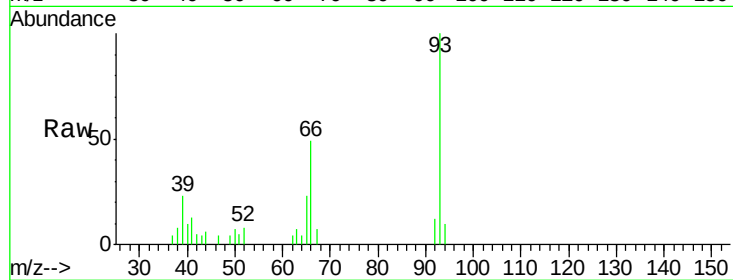
Tgt Ion: 93 Resp: 17233

Ion Ratio Lower Upper

93 100

63 7.2 80.5 120.5#

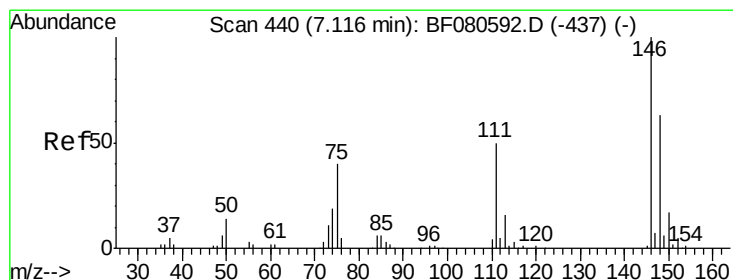
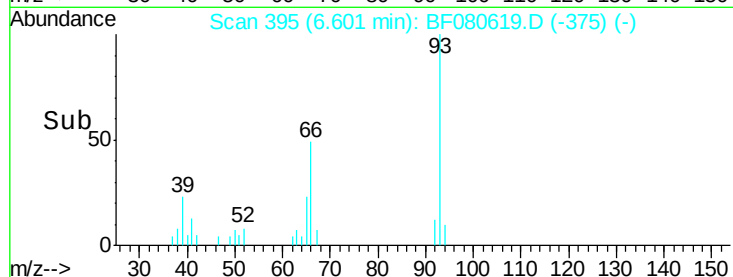
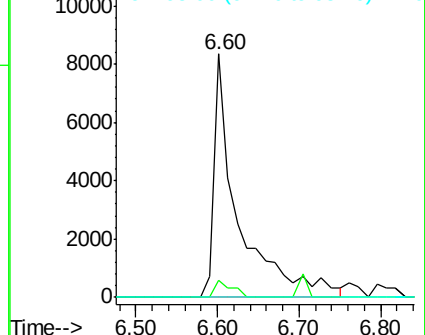
95 0.0 11.2 51.2#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#14

1,2-Dichlorobenzene

Concen: 2.59 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

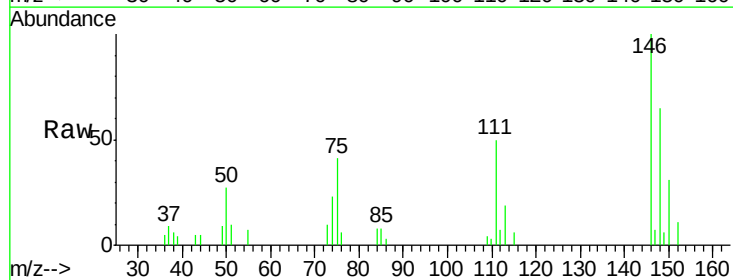
Tgt Ion: 146 Resp: 7473

Ion Ratio Lower Upper

146 100

148 65.3 50.3 75.5

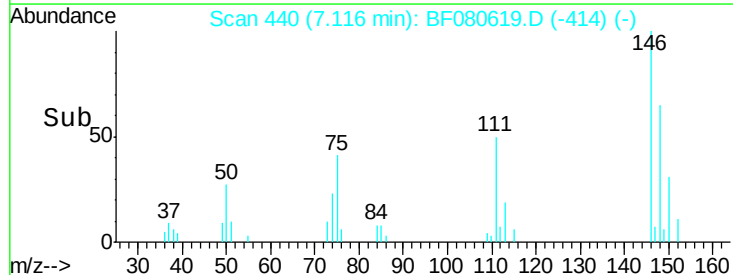
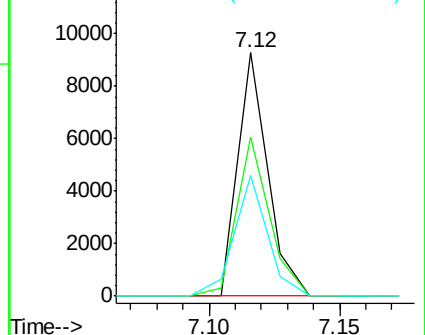
111 49.6 38.2 57.2

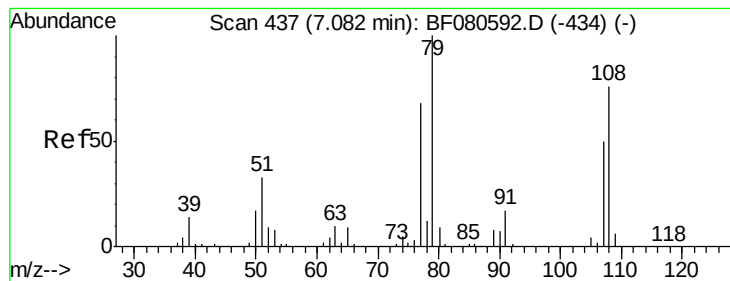


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 3.80 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

CONC3

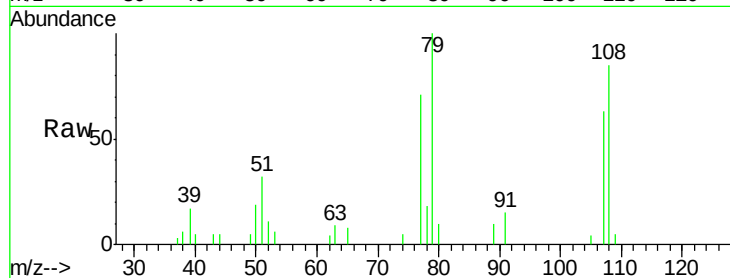
Tgt Ion: 79 Resp: 9529

Ion Ratio Lower Upper

79 100

108 84.7 61.5 92.3

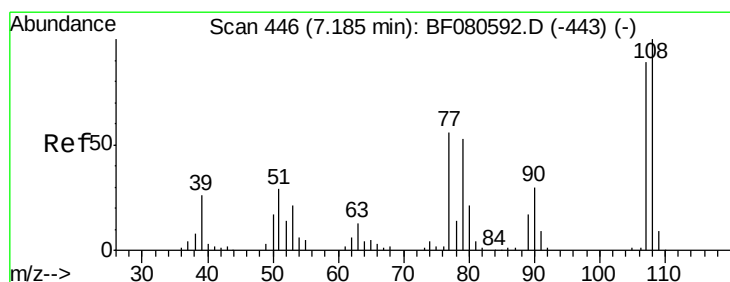
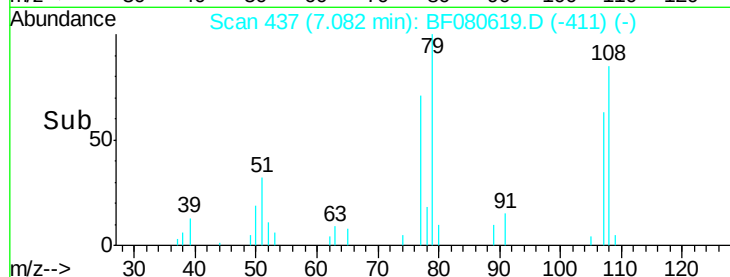
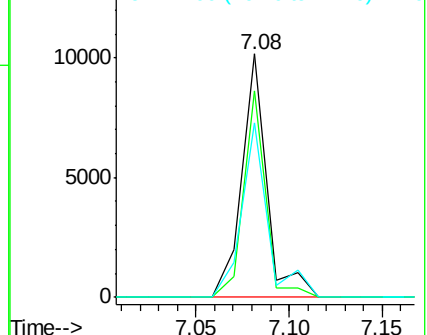
77 71.5 53.6 80.4



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



#17

2-Methylphenol

Concen: 2.69 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.10 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Tgt Ion: 107 Resp: 5299

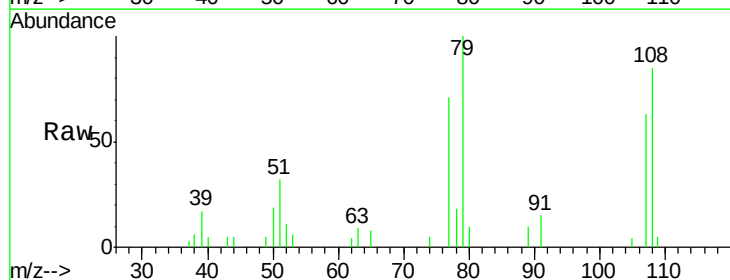
Ion Ratio Lower Upper

107 100

108 135.2 86.0 129.0#

77 114.1 43.4 65.2#

79 159.6 41.2 61.8#

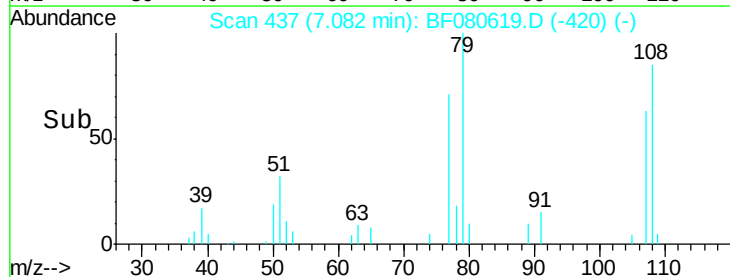
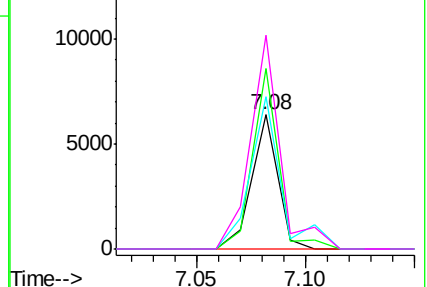


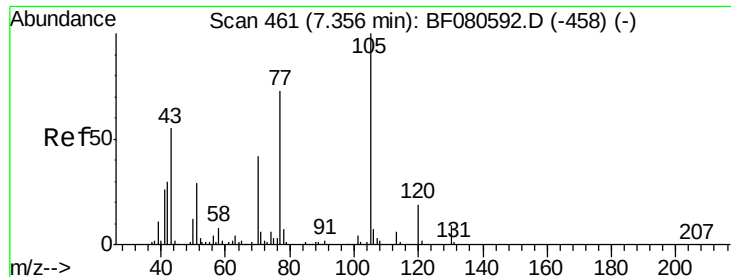
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

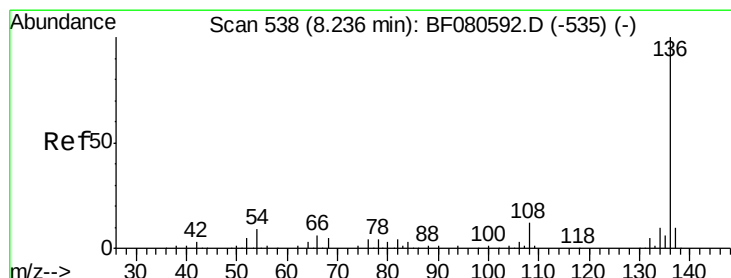
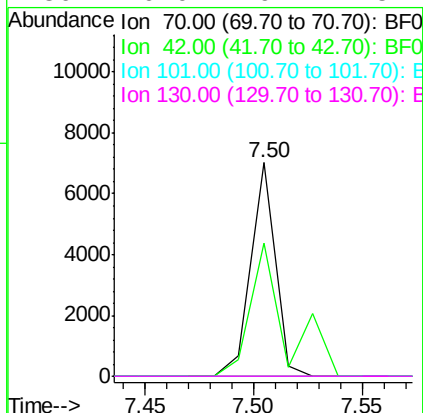
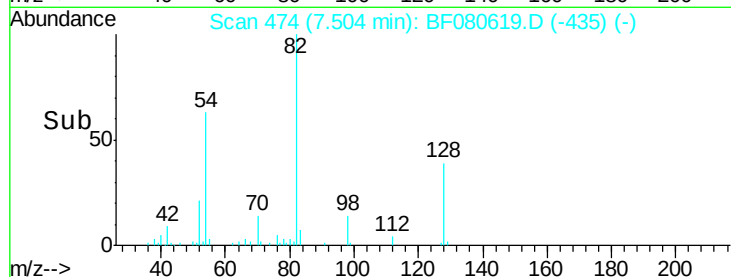
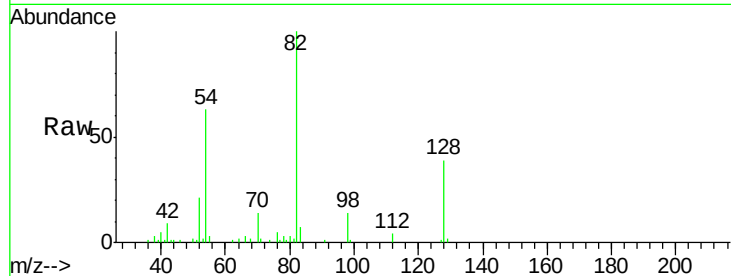




#19
n-Nitroso-di-n-propylamine
Concen: 2.87 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.15 min
Lab File: BF080619.D
Acq: 24 Jul 2015 4:55

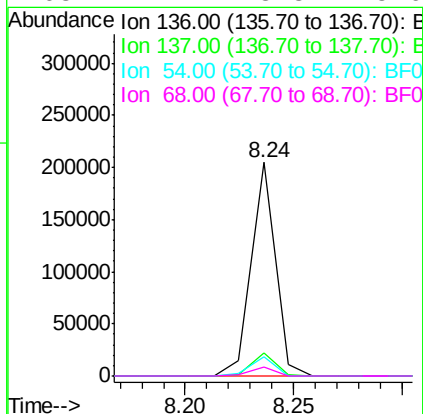
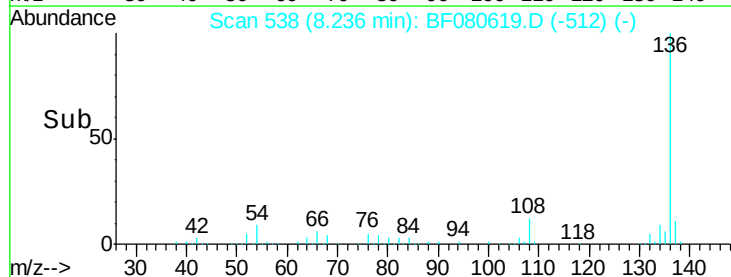
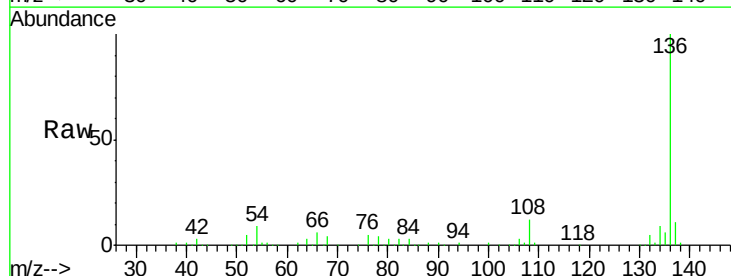
Instrument :
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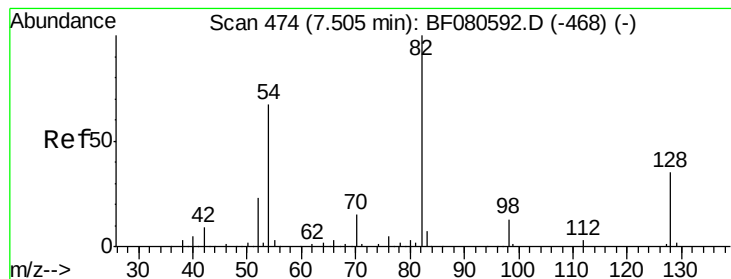
Tgt Ion: 70 Resp: 5537
Ion Ratio Lower Upper
70 100
42 62.5 56.6 85.0
101 0.0 9.7 14.5#
130 0.0 19.1 28.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080619.D
Acq: 24 Jul 2015 4:55

Tgt Ion: 136 Resp: 158570
Ion Ratio Lower Upper
136 100
137 11.1 7.8 11.8
54 8.9 7.2 10.8
68 4.4 3.8 5.6





#23

Nitrobenzene-d5

Concen: 14.16 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

CONC3

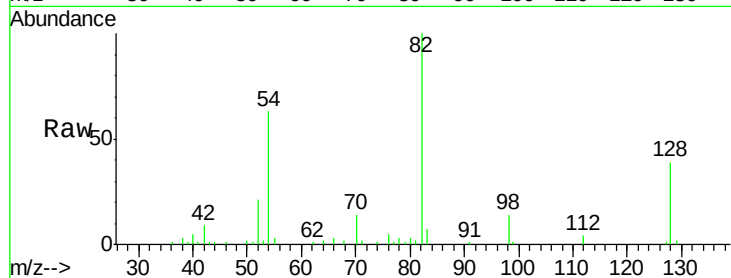
Tgt Ion: 82 Resp: 39623

Ion Ratio Lower Upper

82 100

128 39.4 28.9 43.3

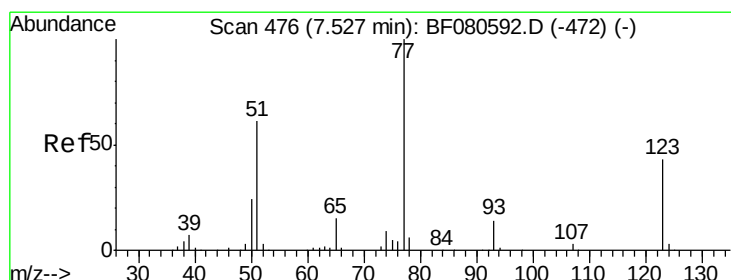
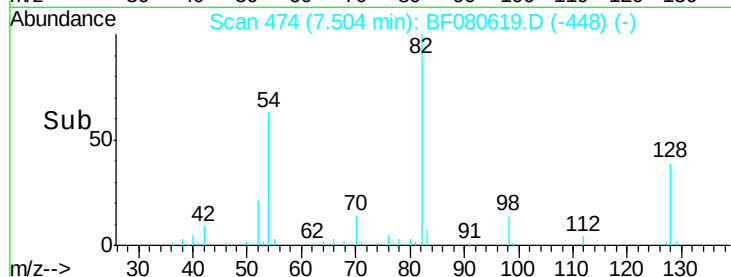
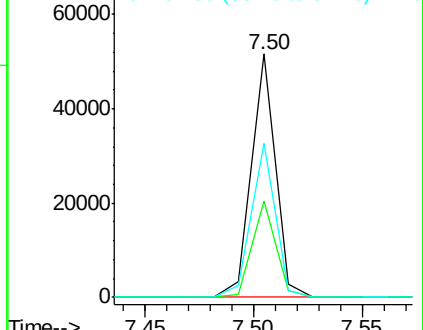
54 63.5 54.5 81.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 11.30 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

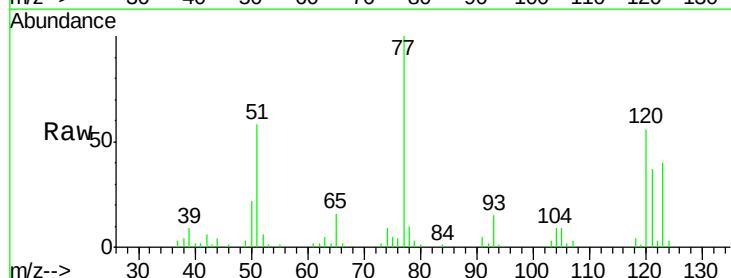
Tgt Ion: 77 Resp: 33793

Ion Ratio Lower Upper

77 100

123 40.0 37.1 55.7

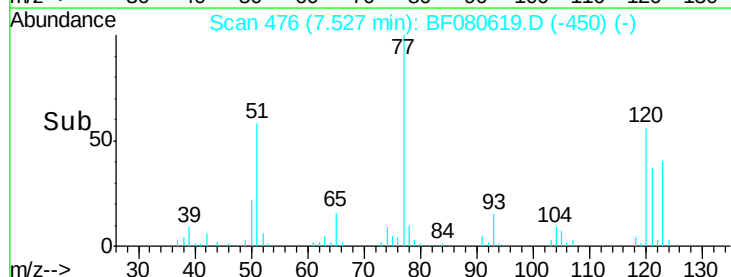
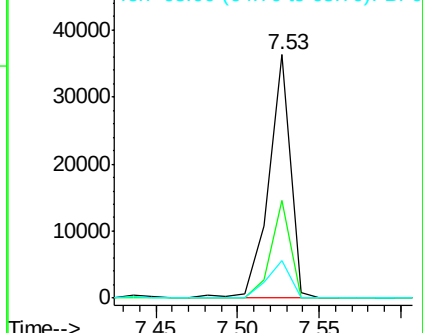
65 15.5 11.4 17.2

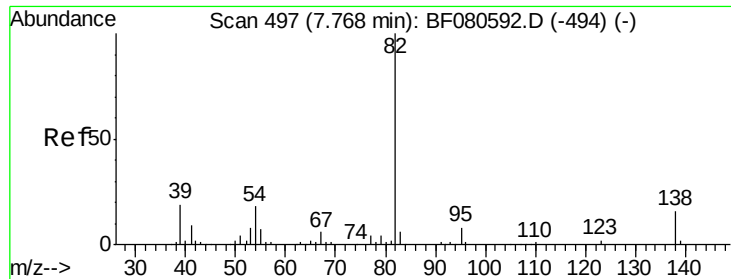


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 7.20 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.26 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

CONC3

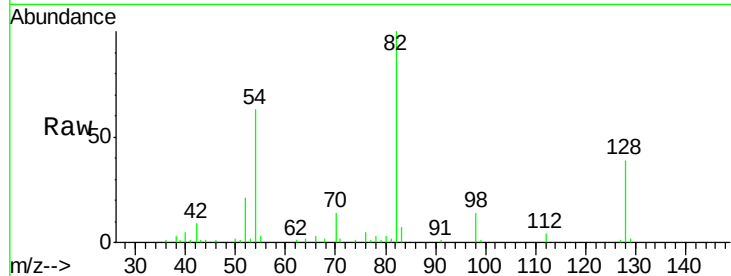
Tgt Ion: 82 Resp: 37301

Ion Ratio Lower Upper

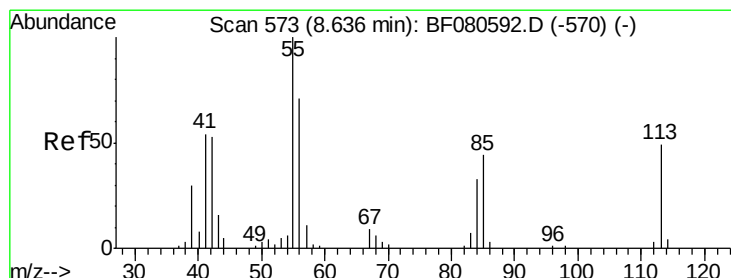
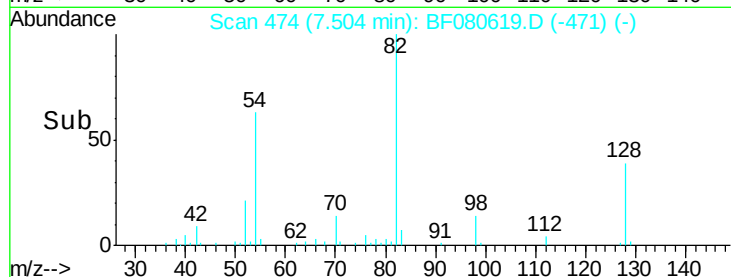
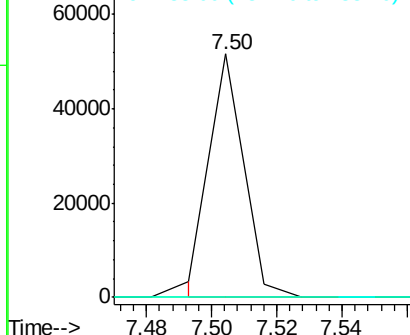
82 100

95 0.0 5.9 8.9#

138 0.0 13.4 20.2#



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): E



#35

Caprolactam

Concen: 2.25 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

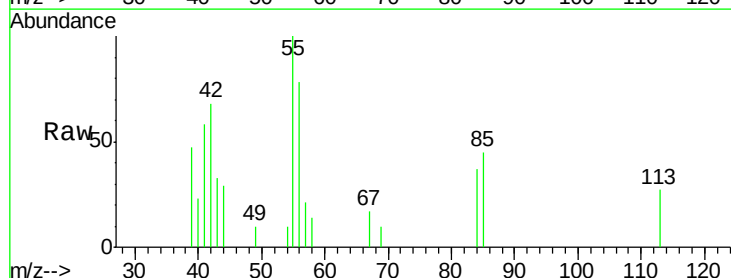
Tgt Ion: 113 Resp: 1168

Ion Ratio Lower Upper

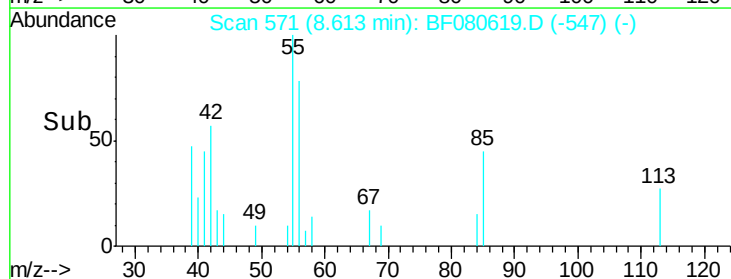
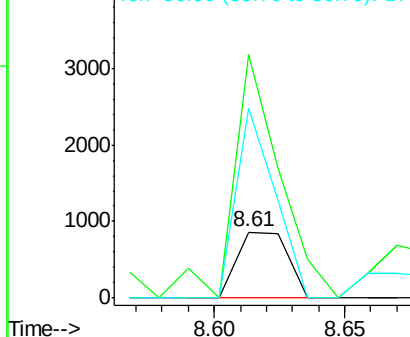
113 100

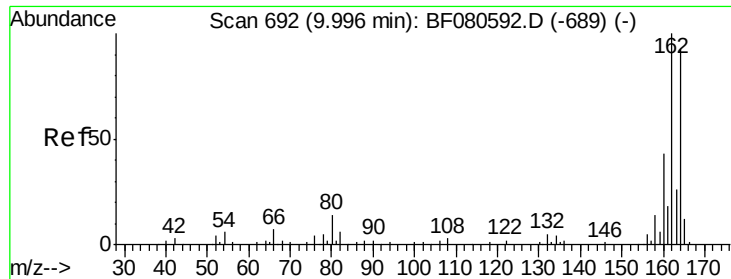
55 369.8 259.3 299.3#

56 288.5 171.6 211.6#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

CONC3

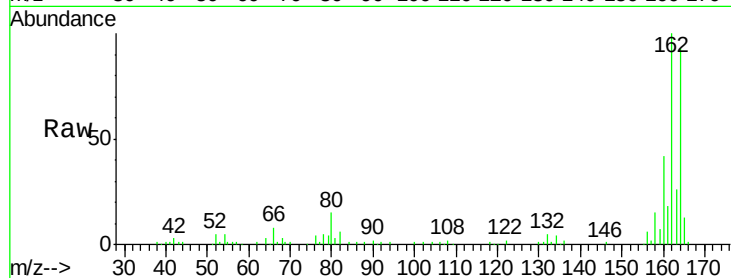
Tgt Ion:164 Resp: 74552

Ion Ratio Lower Upper

164 100

162 108.0 82.2 123.4

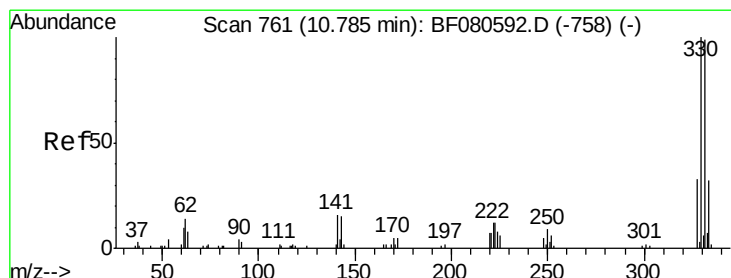
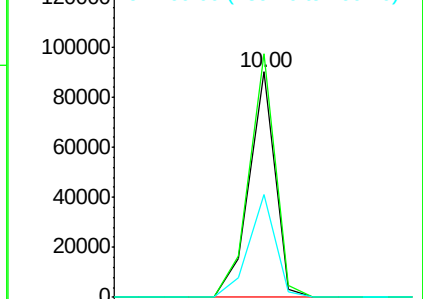
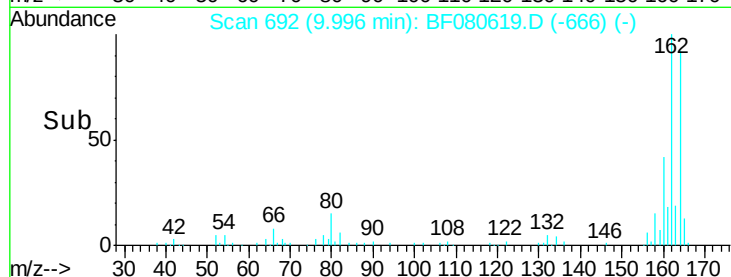
160 45.4 36.1 54.1



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: 1.55 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

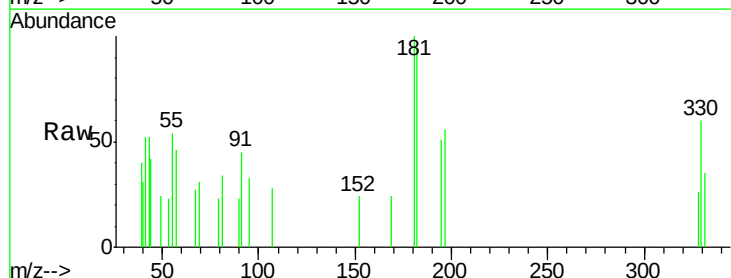
Tgt Ion:330 Resp: 914

Ion Ratio Lower Upper

330 100

332 71.9 78.3 117.5#

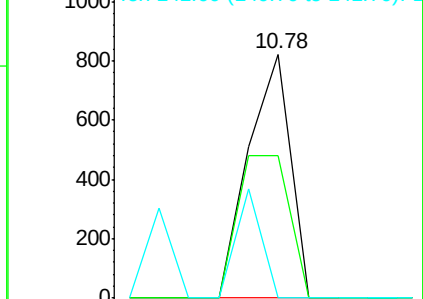
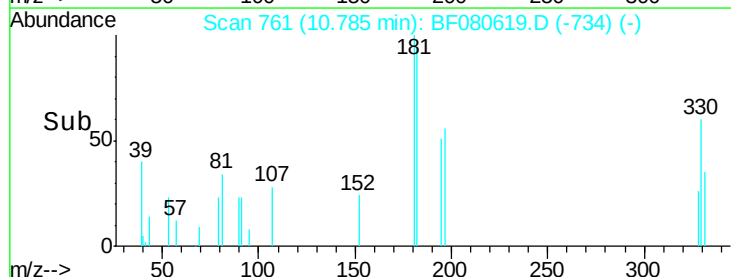
141 27.7 37.9 56.9#

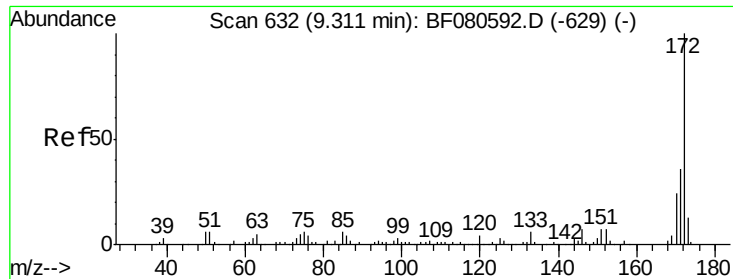


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

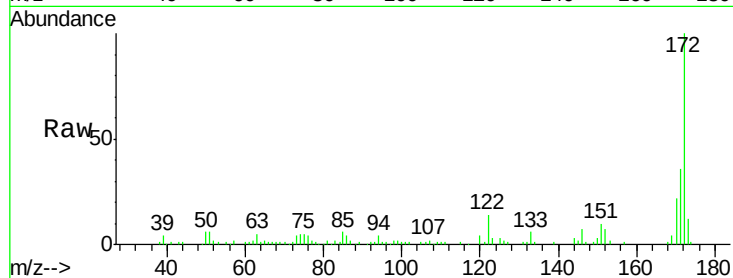




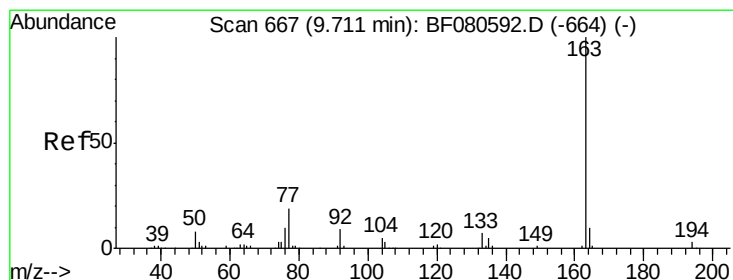
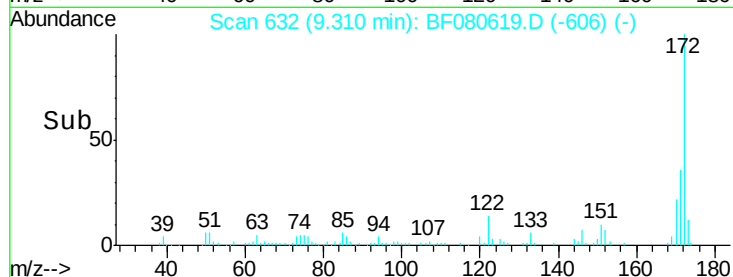
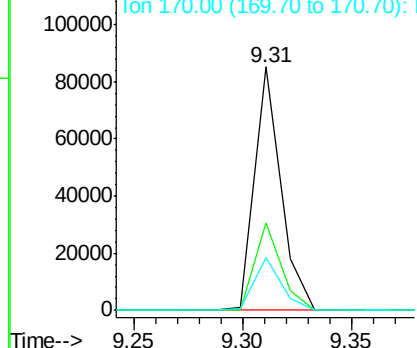
#44
2-Fluorobiphenyl
Concen: 13.95 ng
RT: 9.31 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF080619.D
Acq: 24 Jul 2015 4:55

Instrument :
BNA_F
ClientSampleId :
CONC3

Tgt Ion:172 Resp: 71704
Ion Ratio Lower Upper
172 100
171 35.7 27.7 41.5
170 21.6 19.1 28.7

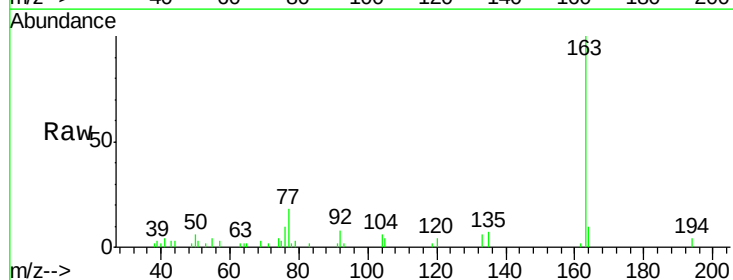


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

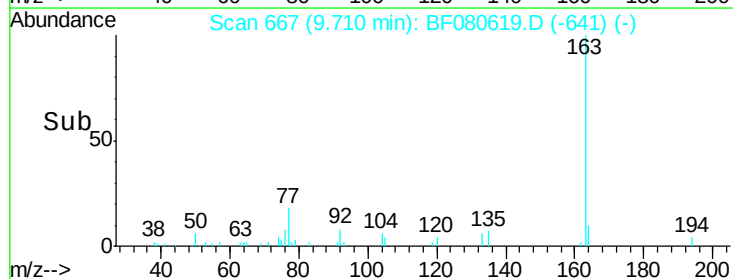
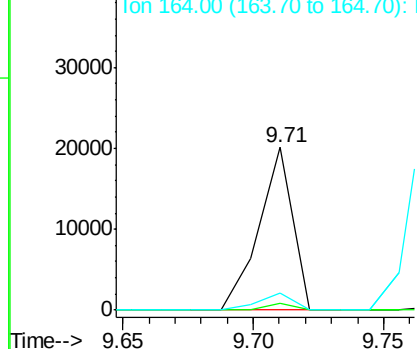


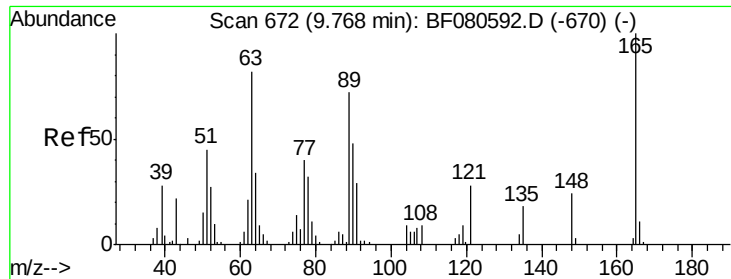
#49
Dimethylphthalate
Concen: 3.31 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080619.D
Acq: 24 Jul 2015 4:55

Tgt Ion:163 Resp: 18154
Ion Ratio Lower Upper
163 100
194 3.9 2.5 3.7#
164 10.2 8.1 12.1



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

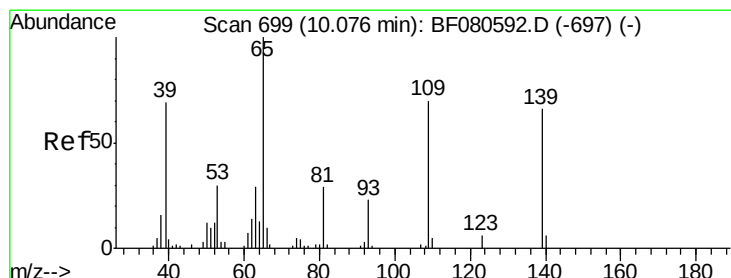
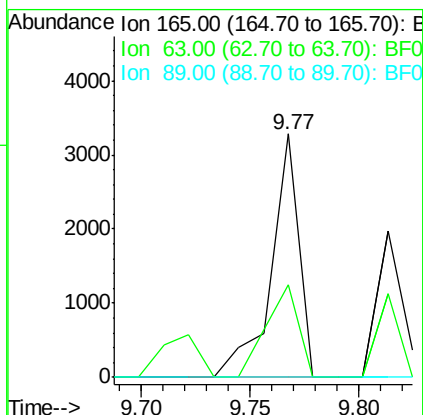
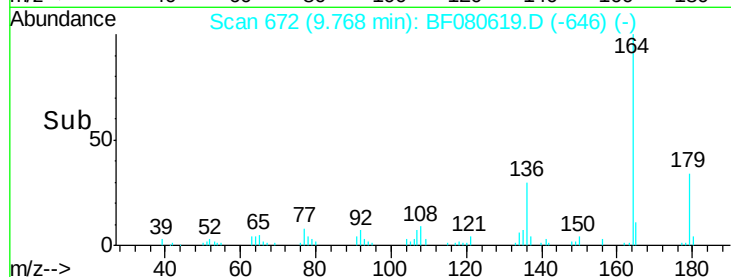
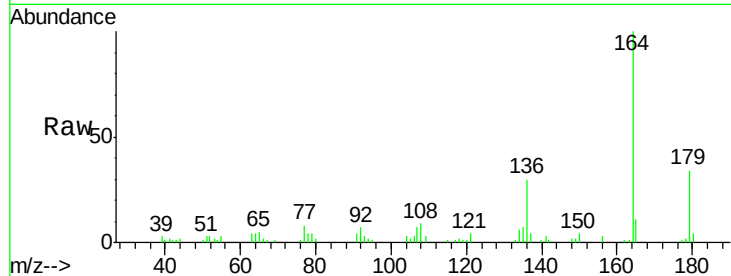




#50
 2,6-Dinitrotoluene
 Concen: 2.86 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF080619.D
 Acq: 24 Jul 2015 4:55

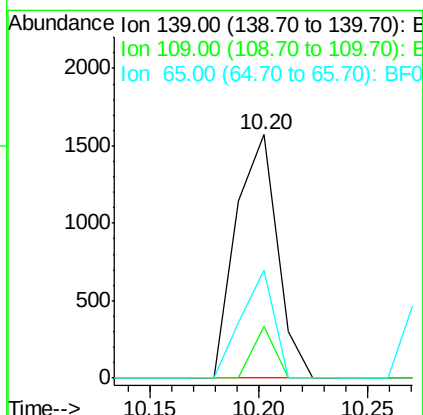
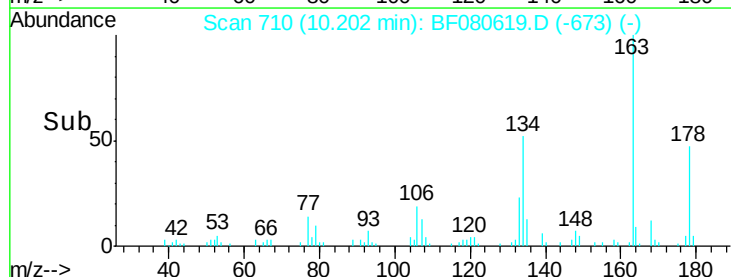
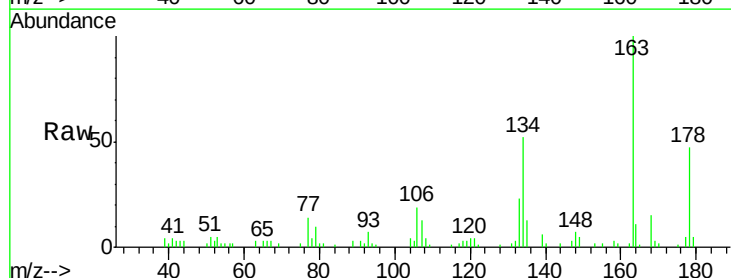
Instrument :
 BNA_F
 ClientSampleId :
 CONC3

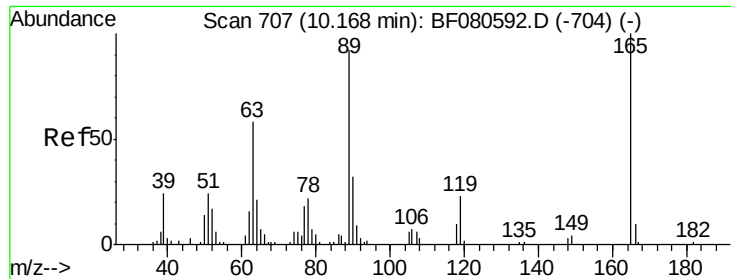
Tgt Ion:165 Resp: 2930
 Ion Ratio Lower Upper
 165 100
 63 38.3 59.0 88.6#
 89 0.0 56.9 85.3#



#55
 4-Nitrophenol
 Concen: 2.57 ng
 RT: 10.20 min Scan# 710
 Delta R.T. 0.13 min
 Lab File: BF080619.D
 Acq: 24 Jul 2015 4:55

Tgt Ion:139 Resp: 2073
 Ion Ratio Lower Upper
 139 100
 109 21.0 75.9 115.9#
 65 44.3 109.4 149.4#

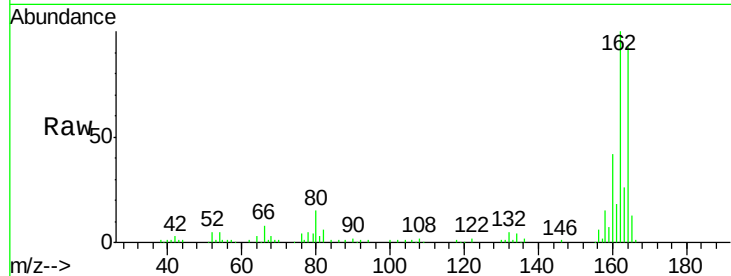




#56
2,4-Dinitrotoluene
Concen: 8.24 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.17 min
Lab File: BF080619.D
Acq: 24 Jul 2015 4:55

Instrument :
BNA_F
ClientSampleId :
CONC3

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.1	72.1#
89	0.0	77.4	116.0#
182	0.0	1.3	1.9#

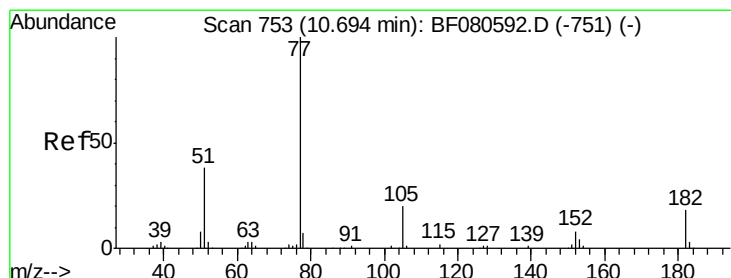
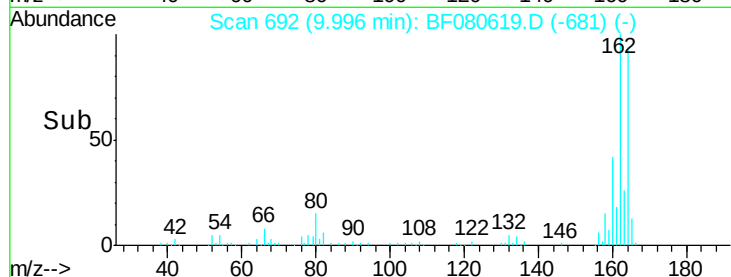
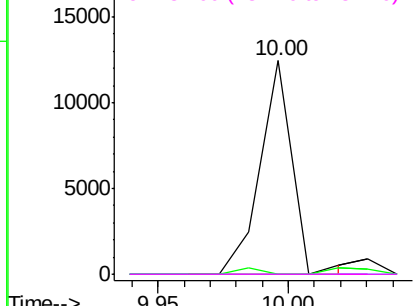


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

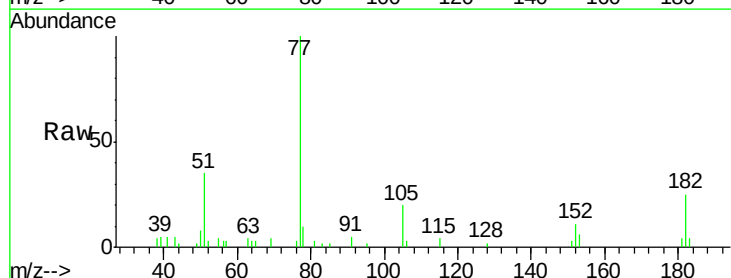
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#62
Azobenzene
Concen: 2.54 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF080619.D
Acq: 24 Jul 2015 4:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	0.0	37.8
105	20.3	0.1	40.1
51	35.4	18.8	58.8

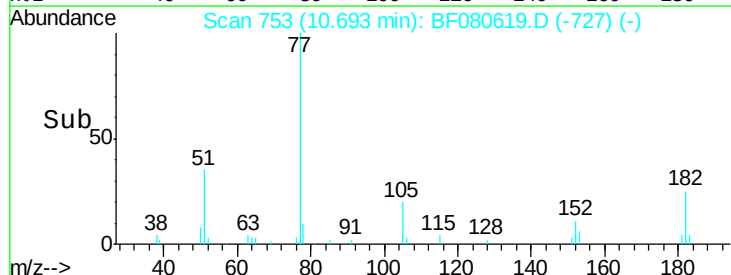
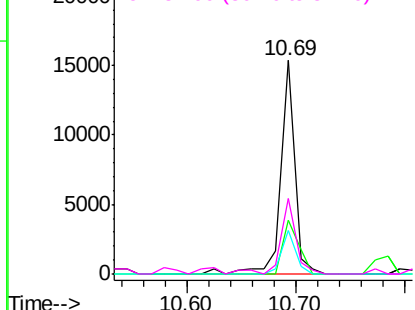


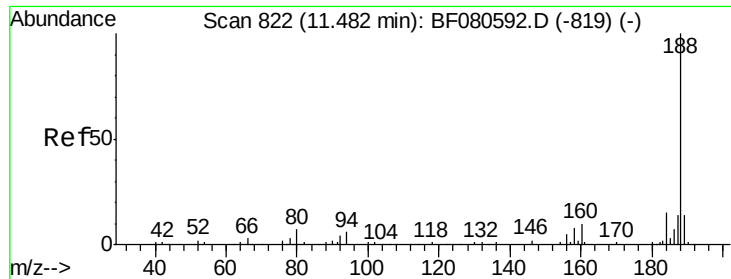
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

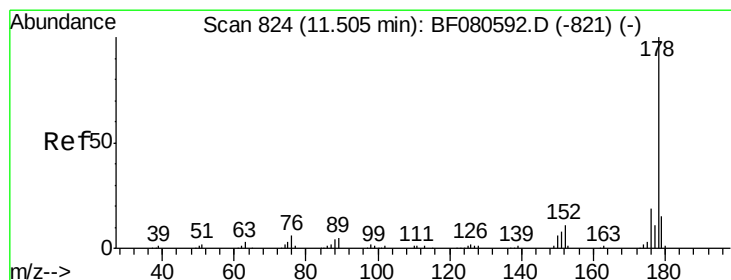
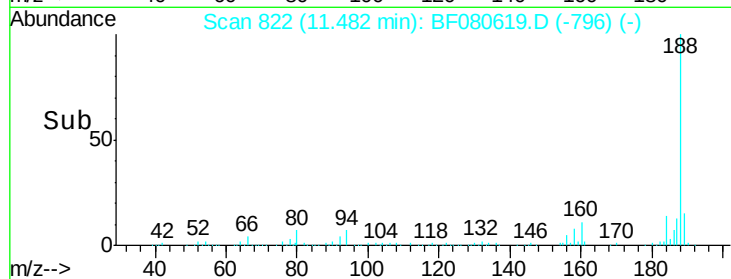
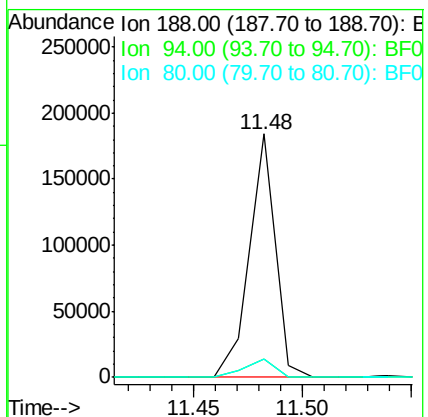
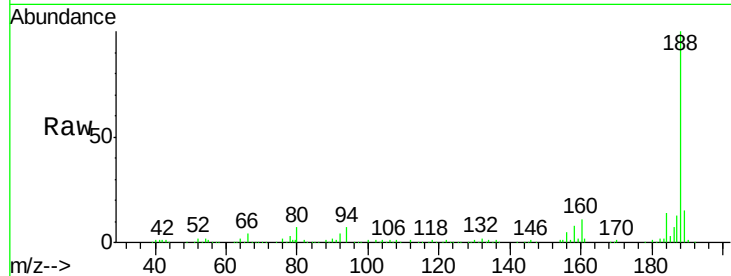




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF080619.D
Acq: 24 Jul 2015 4:55

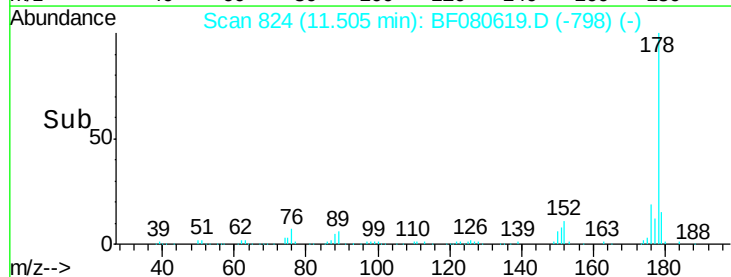
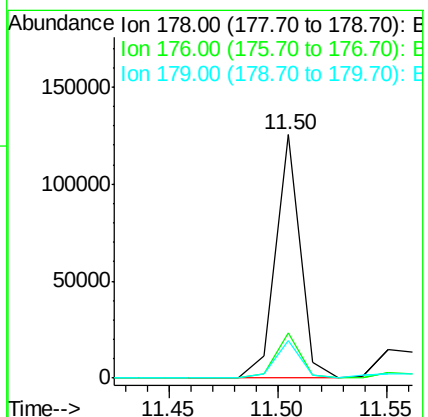
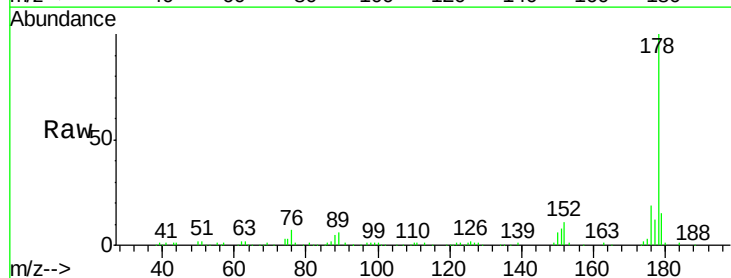
Instrument :
BNA_F
ClientSampled :
CONC3

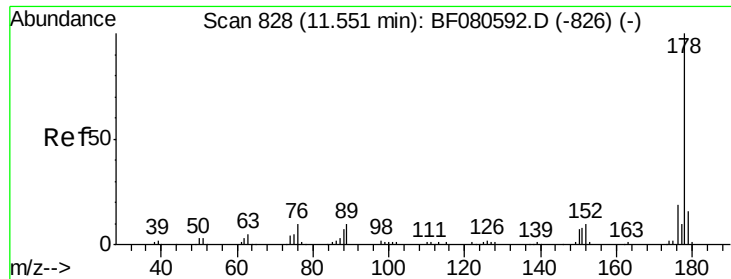
Tgt Ion:188 Resp: 152726
Ion Ratio Lower Upper
188 100
94 7.5 6.1 9.1
80 7.4 7.0 10.6



#70
Phenanthrene
Concen: 11.58 ng
RT: 11.50 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF080619.D
Acq: 24 Jul 2015 4:55

Tgt Ion:178 Resp: 99791
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.5 12.5 18.7

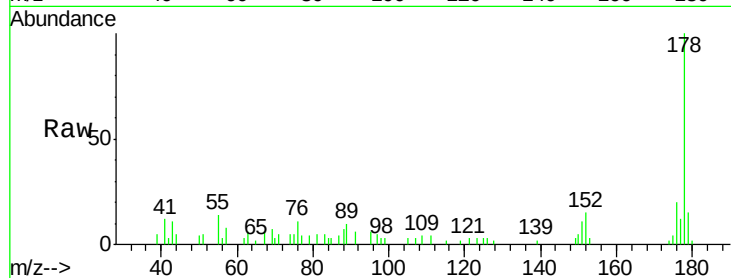




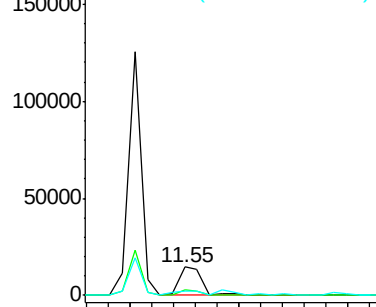
#71
 Anthracene
 Concen: 2.69 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF080619.D
 Acq: 24 Jul 2015 4:55

Instrument :
 BNA_F
 ClientSampleId :
 CONC3

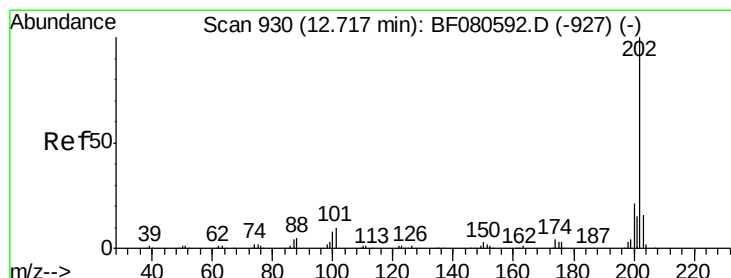
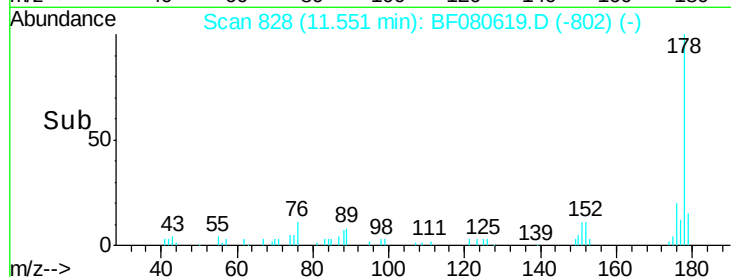
Tgt Ion:178 Resp: 21757
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.1 22.7
 179 15.0 12.0 18.0



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

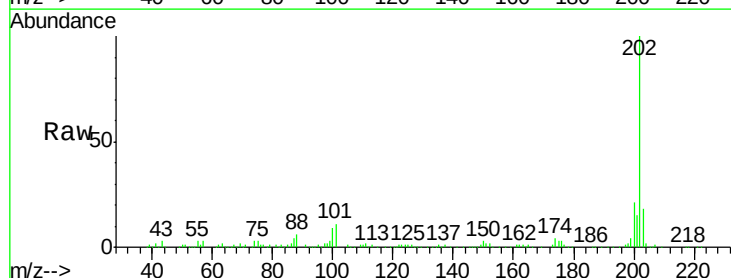


Time-->

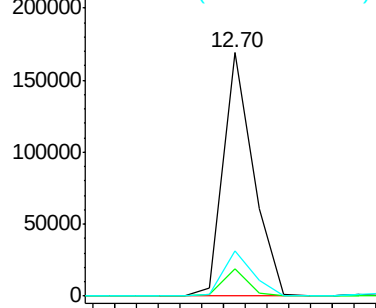


#74
 Fluoranthene
 Concen: 21.09 ng
 RT: 12.70 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BF080619.D
 Acq: 24 Jul 2015 4:55

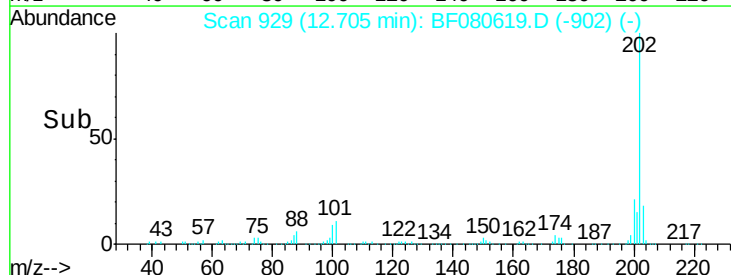
Tgt Ion:202 Resp: 162702
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 31.1
 203 18.3 0.0 37.5

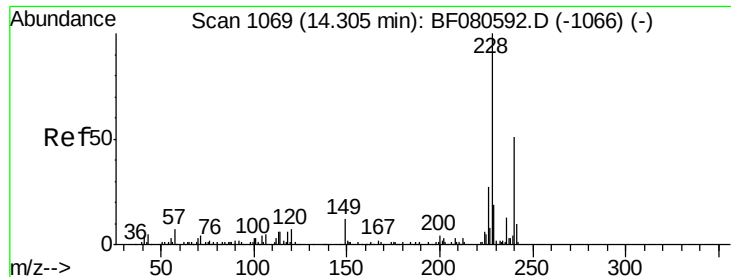


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.27 min Scan# 1066

Delta R.T. 0.09 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

CONC3

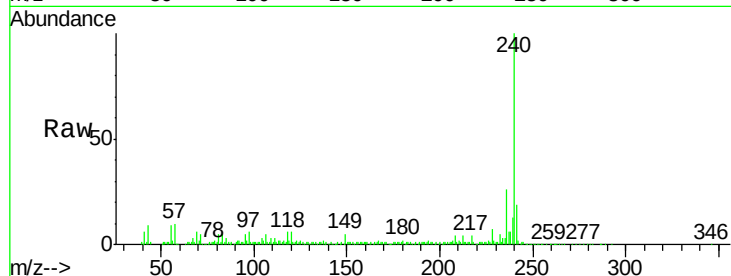
Tgt Ion:240 Resp: 201441

Ion Ratio Lower Upper

240 100

120 6.5 9.9 14.9#

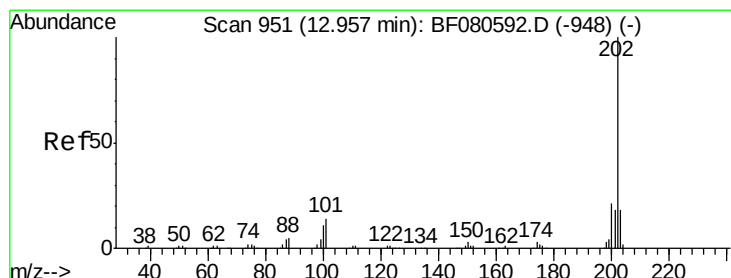
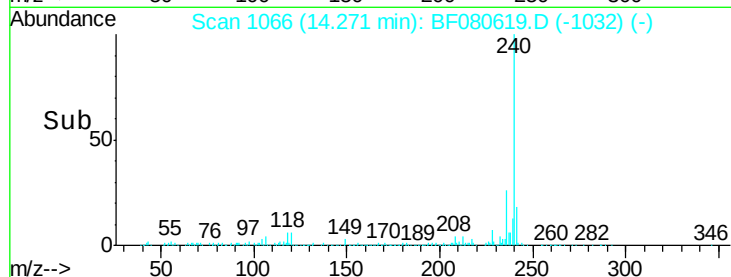
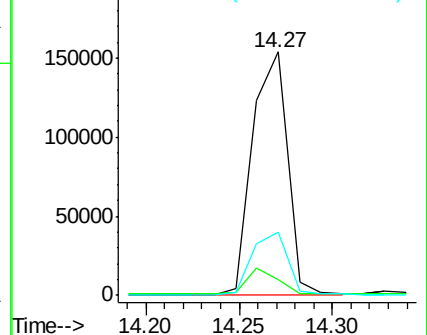
236 26.2 19.1 28.7



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

Pyrene

Concen: 10.96 ng

RT: 12.94 min Scan# 950

Delta R.T. 0.02 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

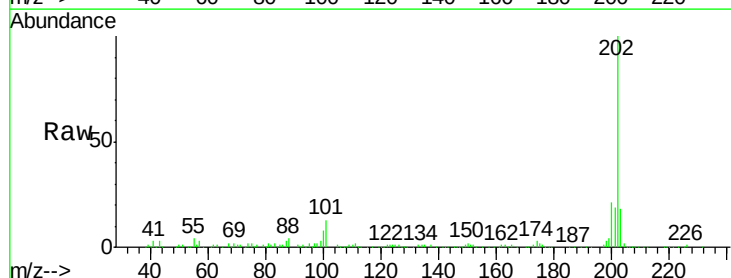
Tgt Ion:202 Resp: 148063

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

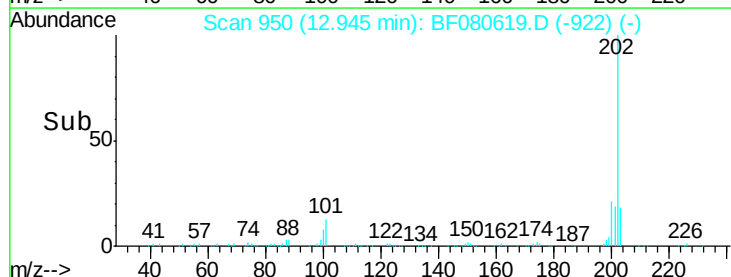
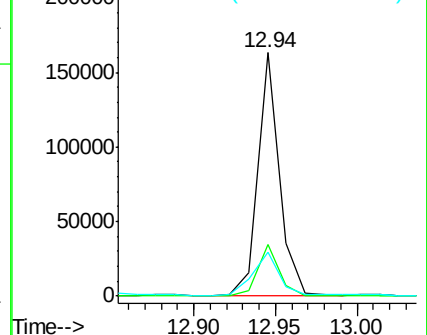
203 18.1 14.5 21.7

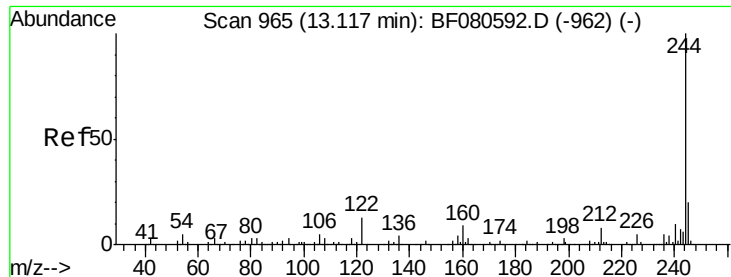


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 9.81 ng

RT: 13.11 min Scan# 964

Delta R.T. 0.03 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

CONC3

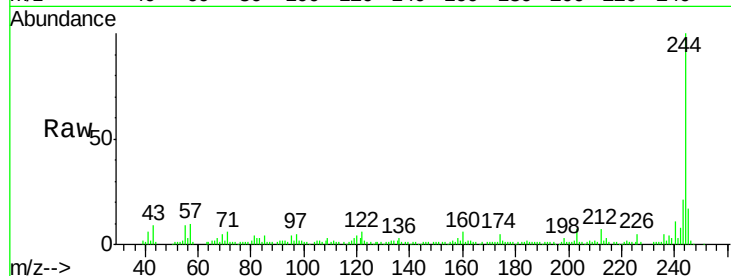
Tgt Ion:244 Resp: 94470

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

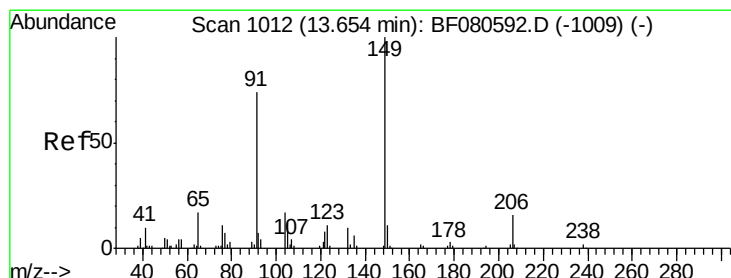
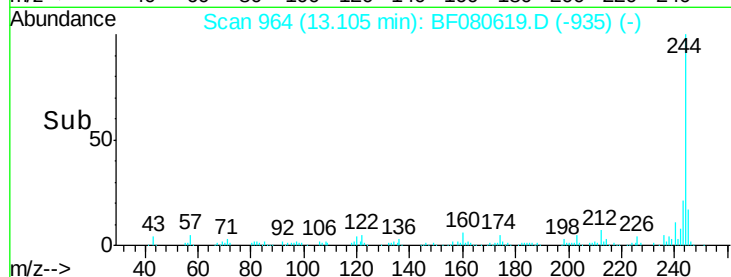
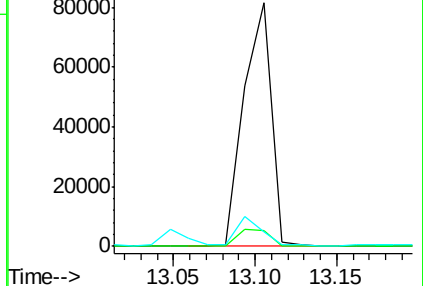
122 6.0 8.2 12.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 5.51 ng

RT: 13.70 min Scan# 1016

Delta R.T. 0.13 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

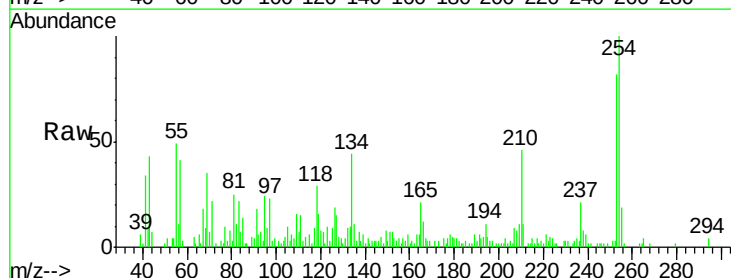
Tgt Ion:149 Resp: 1113

Ion Ratio Lower Upper

149 100

91 228.8 53.0 79.6#

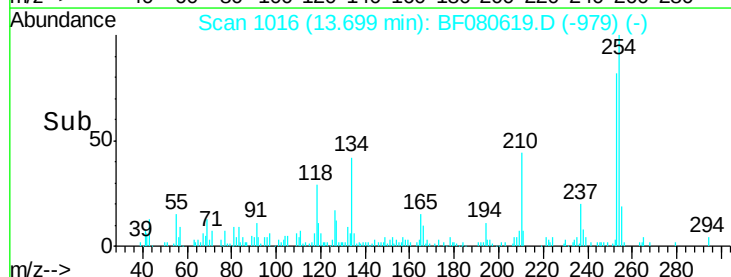
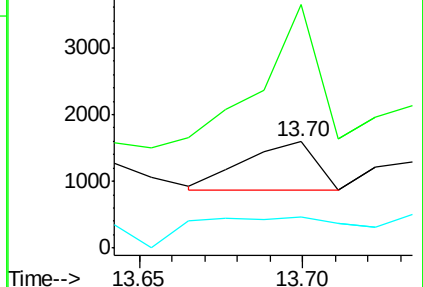
206 28.8 15.0 22.6#

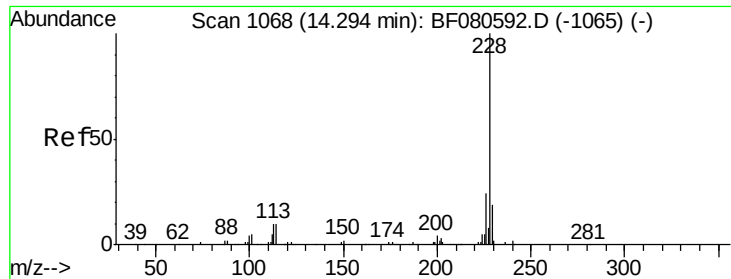


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 7.13 ng

RT: 14.29 min Scan# 1068

Delta R.T. 0.13 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

CONC3

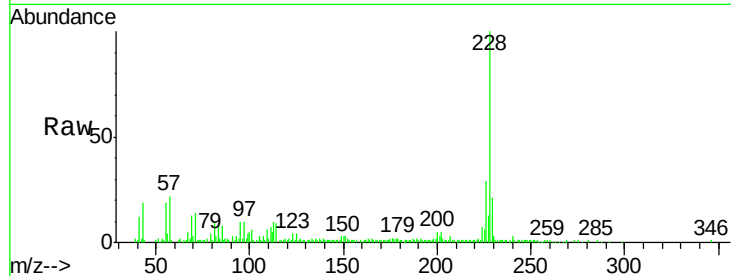
Tgt Ion:228 Resp: 80939

Ion Ratio Lower Upper

228 100

226 29.4 22.0 33.0

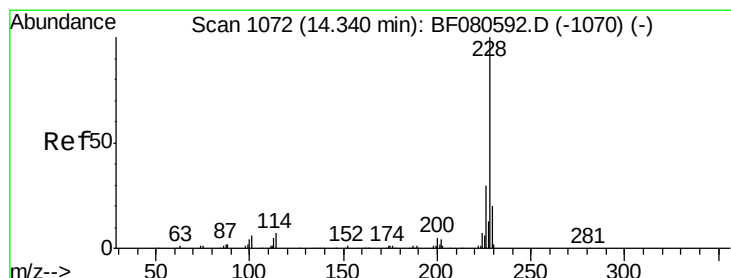
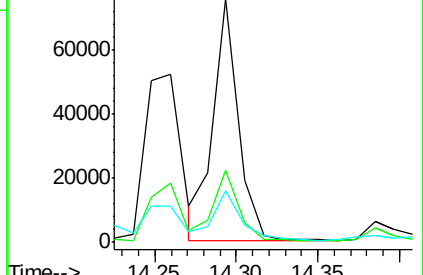
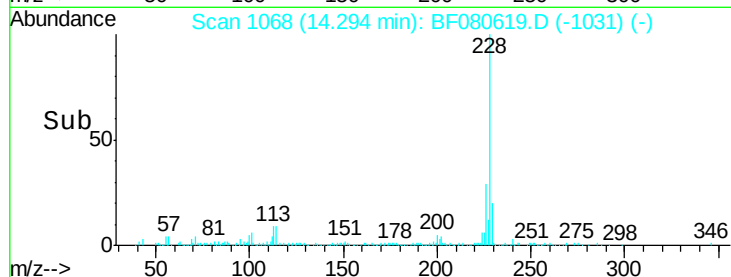
229 21.4 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 7.16 ng

RT: 14.29 min Scan# 1068

Delta R.T. 0.08 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

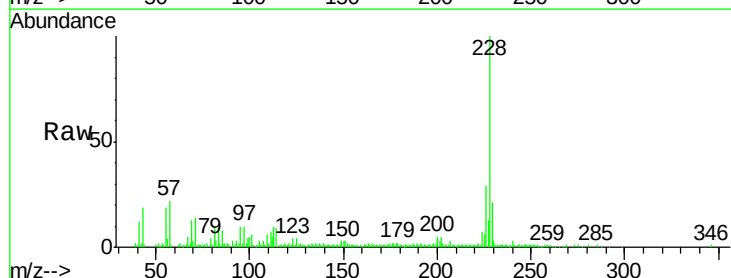
Tgt Ion:228 Resp: 80939

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.6

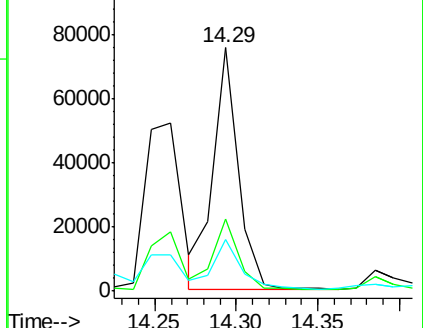
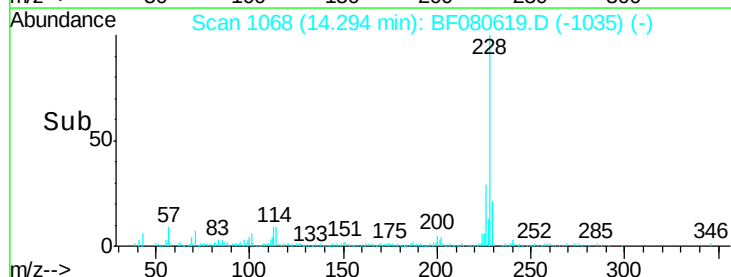
229 21.4 15.0 22.4

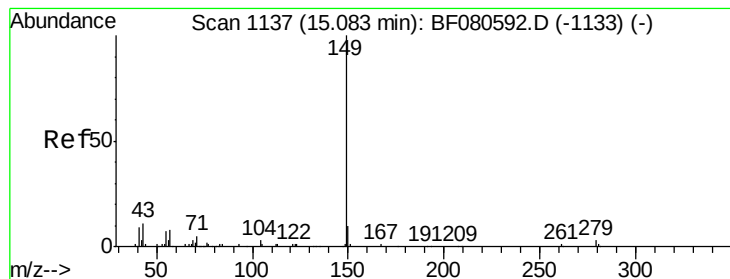


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Di-n-octyl phthalate

Concen: 6.00 ng

RT: 14.97 min Scan# 1127

Delta R.T. 0.10 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

CONC3

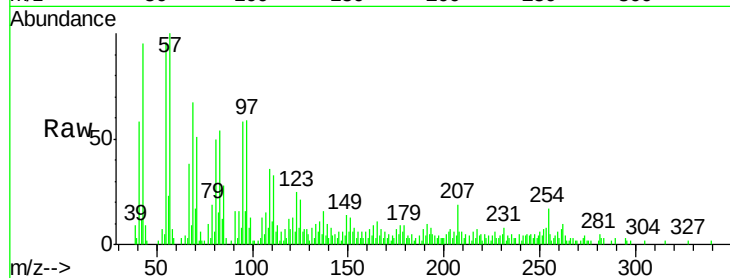
Tgt Ion:149 Resp: 768

Ion Ratio Lower Upper

149 100

167 157.9 1.2 1.8#

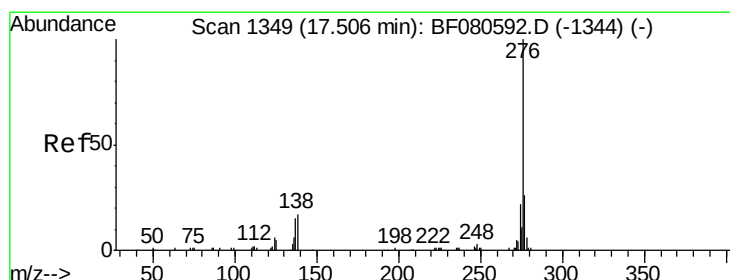
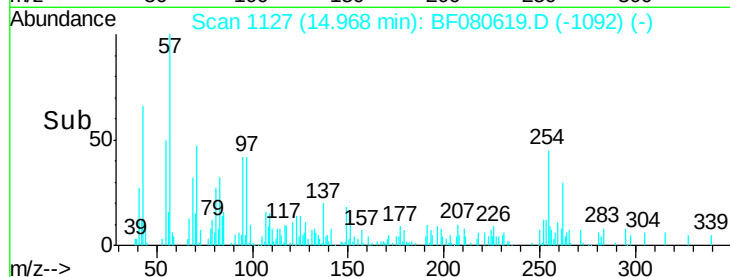
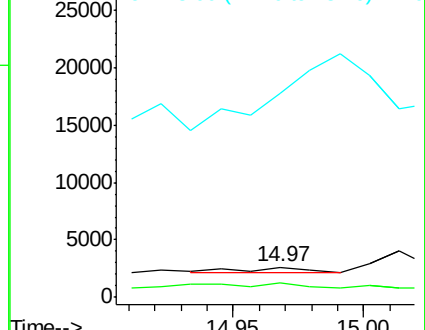
43 0.0 12.5 18.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 5.75 ng

RT: 17.44 min Scan# 1343

Delta R.T. 0.19 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

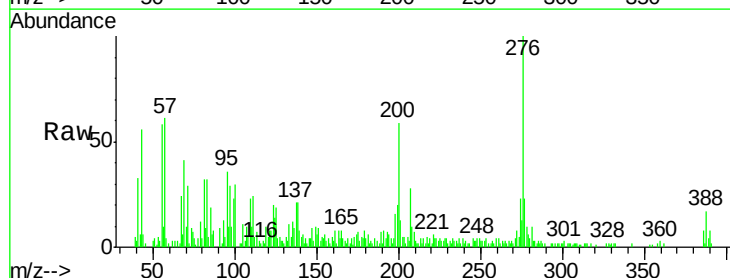
Tgt Ion:276 Resp: 49185

Ion Ratio Lower Upper

276 100

138 25.0 18.9 28.3

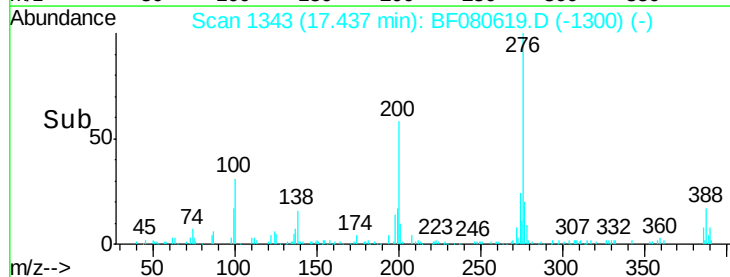
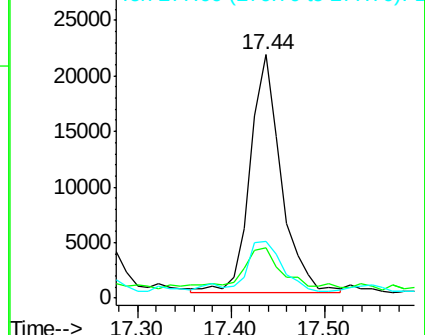
277 26.0 19.9 29.9

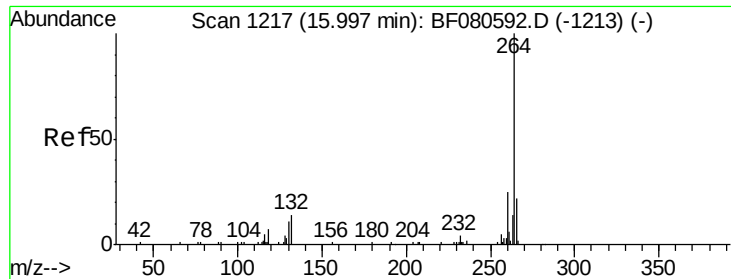


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

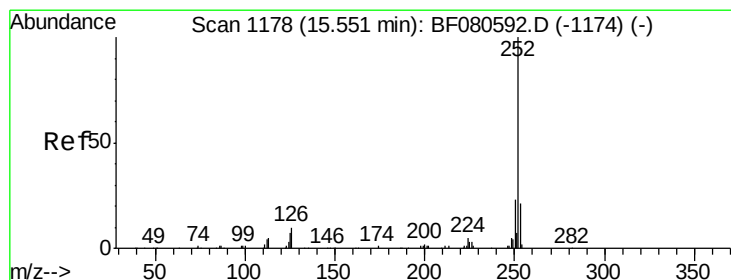
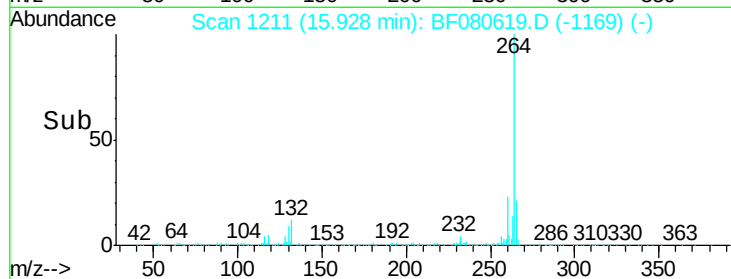
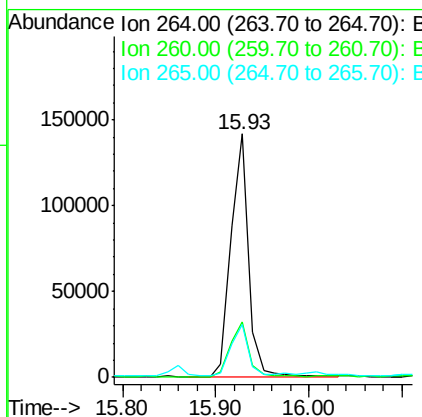
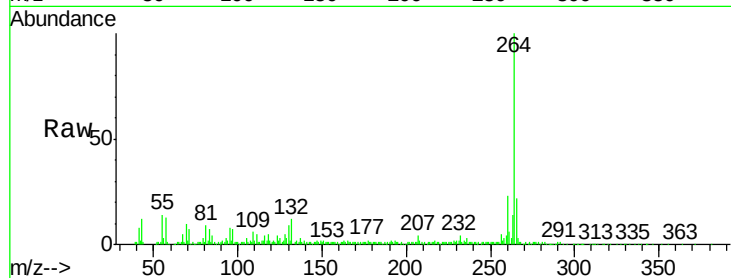




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1211
Delta R.T. 0.18 min
Lab File: BF080619.D
Acq: 24 Jul 2015 4:55

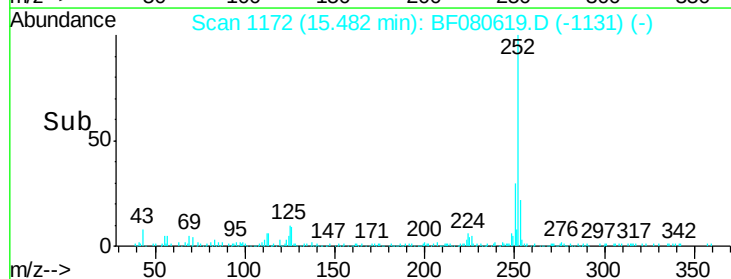
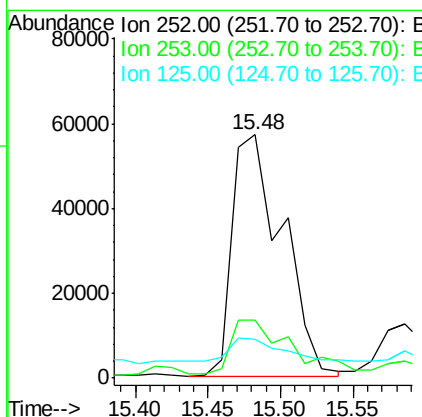
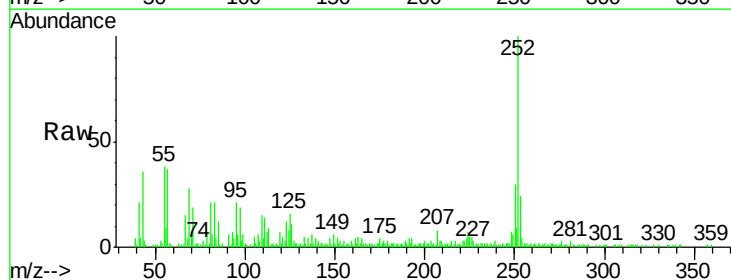
Instrument :
BNA_F
ClientSampleId :
CONC3

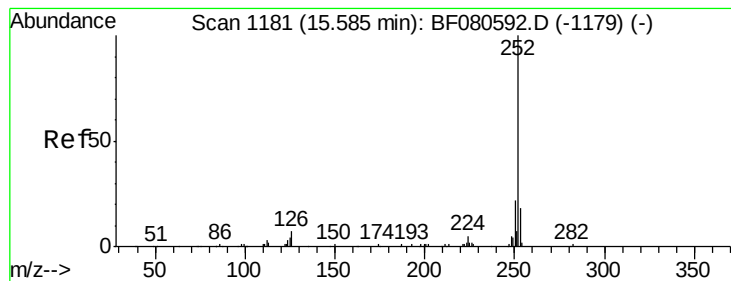
Tgt Ion:264 Resp: 185299
Ion Ratio Lower Upper
264 100
260 23.0 17.8 26.8
265 21.7 15.6 23.4



#87
Benzo(b)fluoranthene
Concen: 12.09 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.17 min
Lab File: BF080619.D
Acq: 24 Jul 2015 4:55

Tgt Ion:252 Resp: 136230
Ion Ratio Lower Upper
252 100
253 23.9 16.6 25.0
125 15.9 6.1 9.1#





#88

Benzo(k)fluoranthene

Concen: 12.15 ng

RT: 15.48 min Scan# 1172

Delta R.T. 0.14 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

CONC3

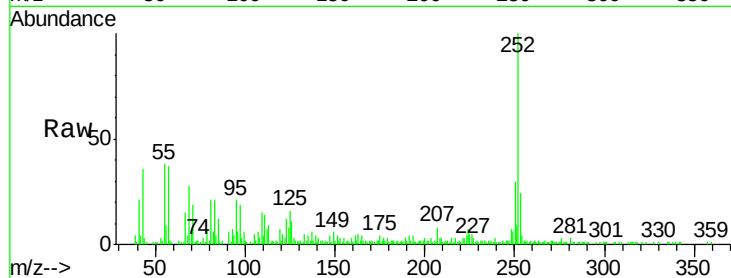
Tgt Ion:252 Resp: 136230

Ion Ratio Lower Upper

252 100

253 23.9 17.0 25.6

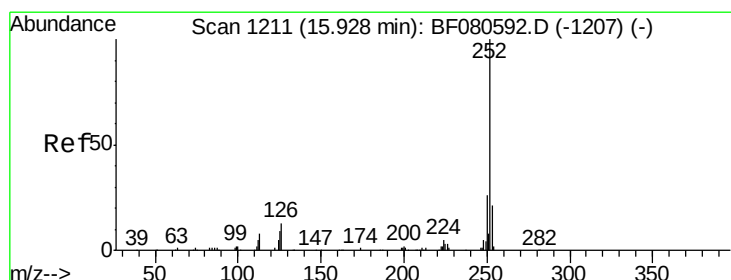
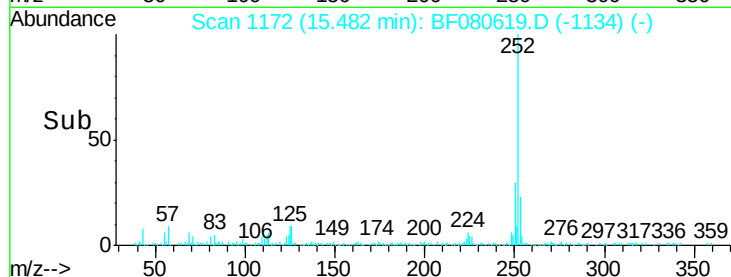
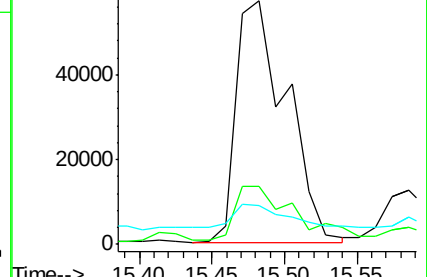
125 15.9 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 6.99 ng

RT: 15.86 min Scan# 1205

Delta R.T. 0.17 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

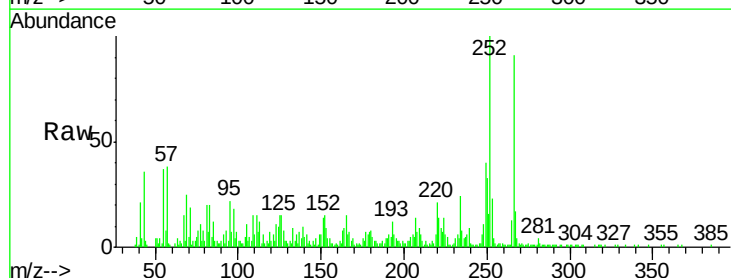
Tgt Ion:252 Resp: 69928

Ion Ratio Lower Upper

252 100

253 22.7 19.0 28.6

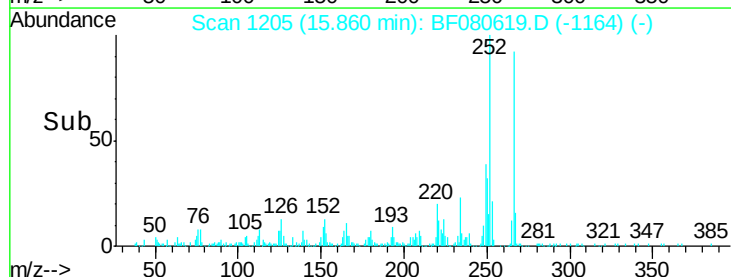
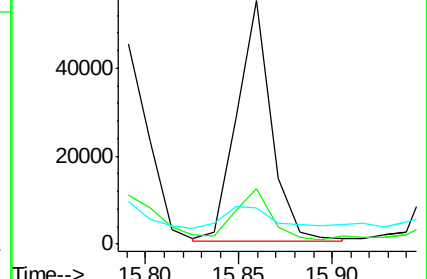
125 15.1 11.2 16.8

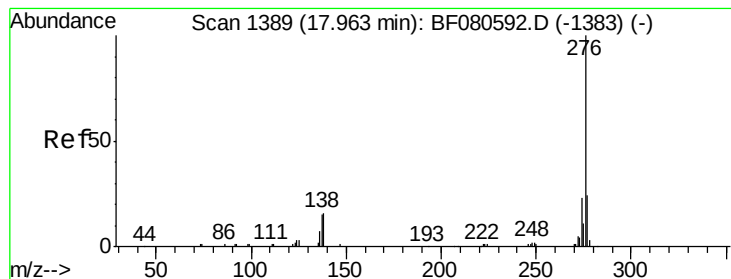


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(g,h,i)perylene

Concen: 5.25 ng

RT: 17.89 min Scan# 1383

Delta R.T. 0.22 min

Lab File: BF080619.D

Acq: 24 Jul 2015 4:55

Instrument :

BNA_F

ClientSampleId :

CONC3

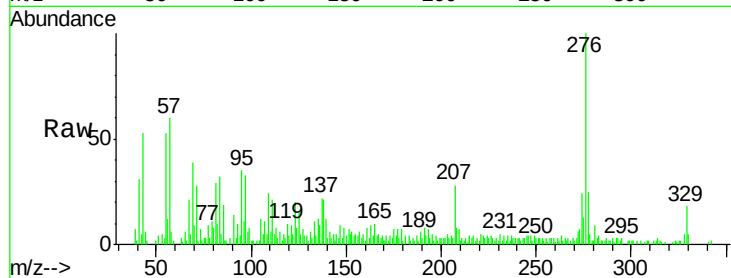
Tgt Ion: 276 Resp: 50659

Ion Ratio Lower Upper

276 100

277 25.4 18.0 27.0

138 20.9 17.8 26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

