

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
 Data File : BF086691.D
 Acq On : 4 May 2016 22:05
 Operator : UM/SJ
 Sample : H2715-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-9(0-12FTBGS)

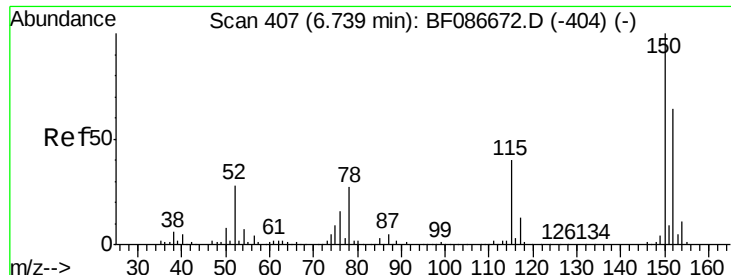
Quant Time: May 05 01:38:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	157173	40.00	ng	0.00
21) Naphthalene-d8	8.03	136	588617	40.00	ng	0.00
38) Acenaphthene-d10	9.78	164	249675	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	378088	40.00	ng	0.00
75) Chrysene-d12	13.89	240	329617	40.00	ng	0.01
86) Perylene-d12	15.28	264	252221	40.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1211223	127.58	ng	0.01
7) Phenol-d6	6.38	99	1565316	122.40	ng	0.01
23) Nitrobenzene-d5	7.31	82	1196255	104.44	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	309367	126.67	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1457061	95.66	ng	0.00
78) Terphenyl-d14	12.84	244	1023223	62.74	ng	0.00

Target Compounds						Qvalue
15) Benzyl Alcohol	6.90	79	21621	2.61	ng	# 38
19) n-Nitroso-di-n-propylamine	7.31	70	170233	19.48	ng	# 77
31) Naphthalene	8.04	128	69639	2.32	ng	99
32) Benzoic acid	7.82	122	333	8.49	ng	# 38
49) Dimethylphthalate	9.49	163	158716	8.53	ng	98
55) 4-Nitrophenol	9.98	139	14761	5.58	ng	# 19
56) 2,4-Dinitrotoluene	9.78	165	34432	6.96	ng	# 16
57) Fluorene	10.32	166	43569	2.81	ng	96
64) 4,6-Dinitro-2-methylphenol	10.57	198	850	5.72	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	19186	5.11	ng	# 1
70) Phenanthrene	11.28	178	537715	26.48	ng	99
71) Anthracene	11.33	178	91115	4.28	ng	99
72) Carbazole	11.49	167	51875	2.81	ng	99
74) Fluoranthene	12.46	202	592042	29.09	ng	98
76) Benzidine	12.62	184	665	7.16	ng	# 1
77) Pyrene	12.69	202	560097	21.31	ng	99
80) Benzo(a)anthracene	13.88	228	220204	11.81	ng	95
82) Chrysene	13.92	228	240132	12.07	ng	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	79441	4.66	ng	# 92
87) Benzo(b)fluoranthene	14.89	252	322141	21.26	ng	96
88) Benzo(k)fluoranthene	14.89	252	322141	22.56	ng	# 94
89) Benzo(a)pyrene	15.22	252	156908	11.24	ng	# 92
91) Benzo(g,h,i)perylene	16.99	276	75082	5.33	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF086691.D

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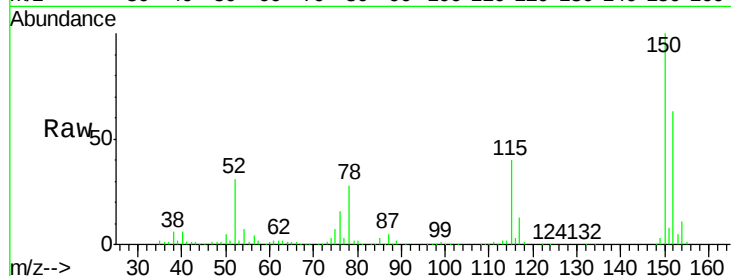
Tgt Ion:152 Resp: 157173

Ion Ratio Lower Upper

152 100

150 159.1 125.8 188.6

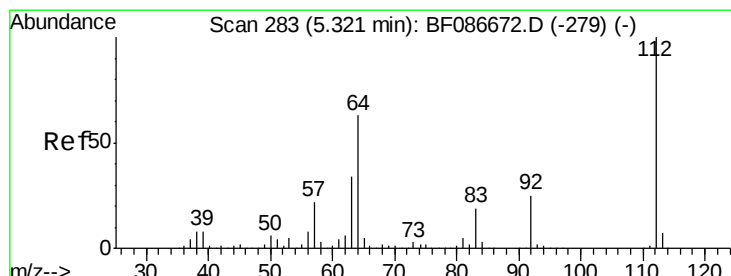
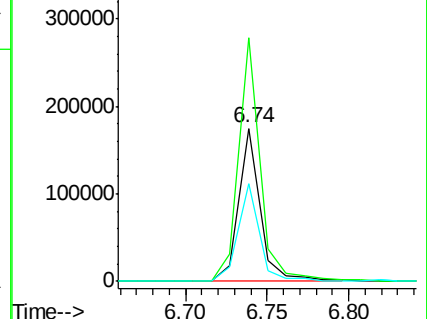
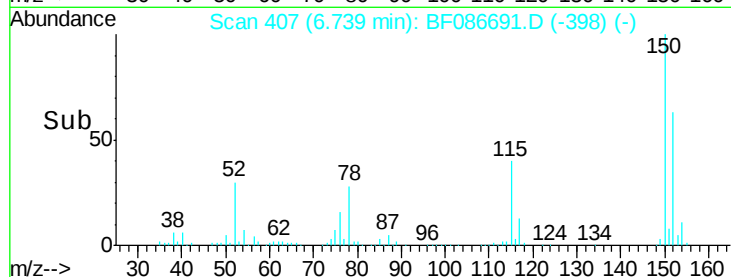
115 64.0 51.5 77.3



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: 127.58 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.01 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

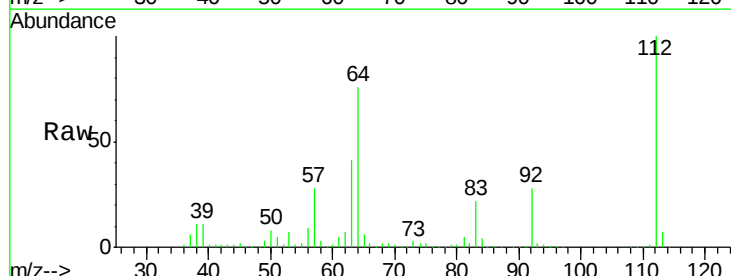
Tgt Ion:112 Resp: 1211223

Ion Ratio Lower Upper

112 100

64 76.3 52.1 78.1

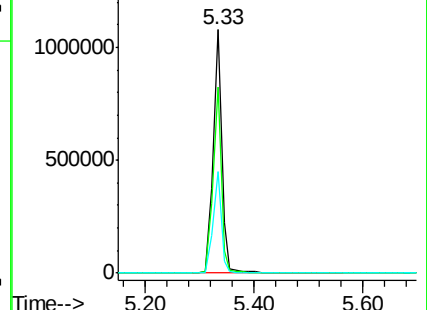
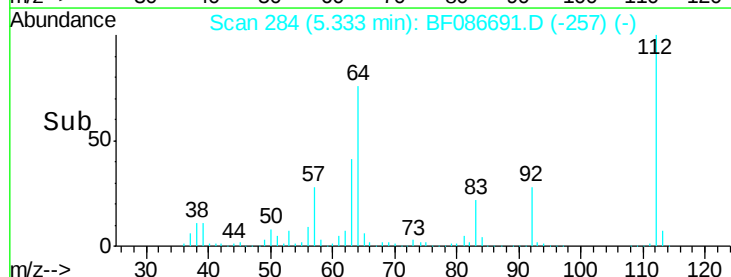
63 41.5 25.7 38.5

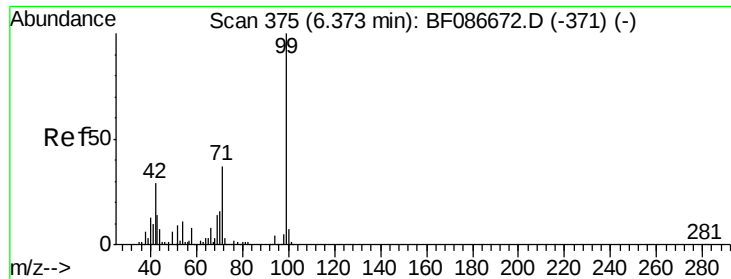


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.40 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-9(0-12FTBGS)

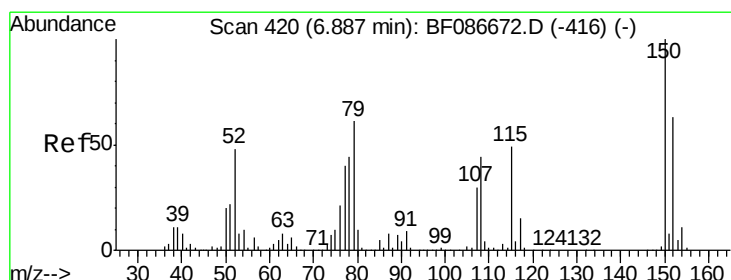
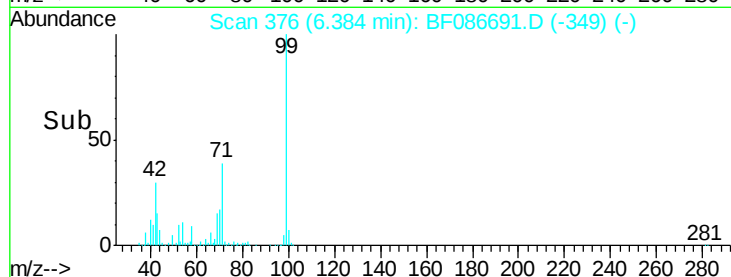
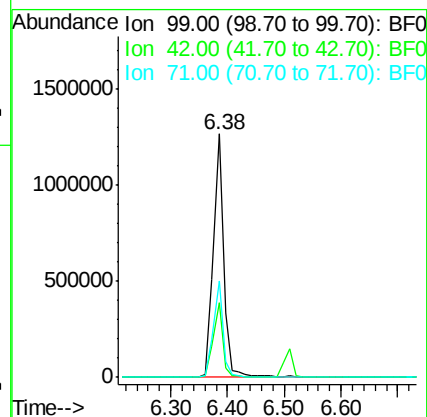
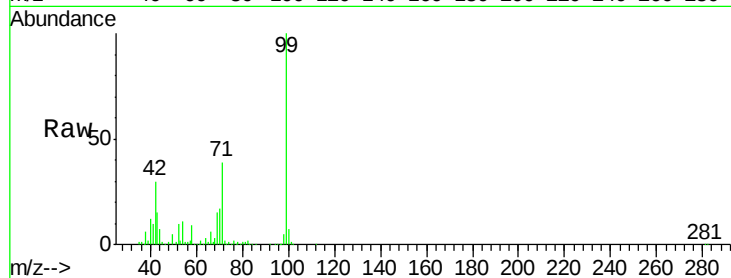
Tgt Ion: 99 Resp: 1565316

Ion Ratio Lower Upper

99 100

42 30.5 13.6 20.4#

71 39.5 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.61 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

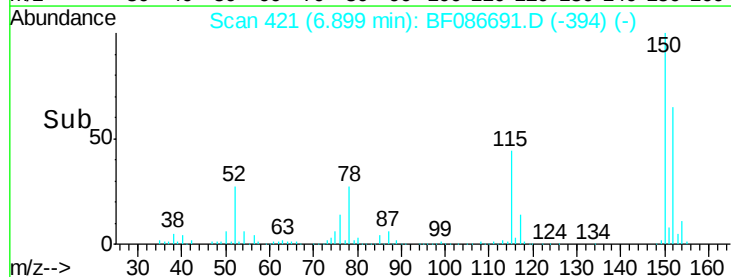
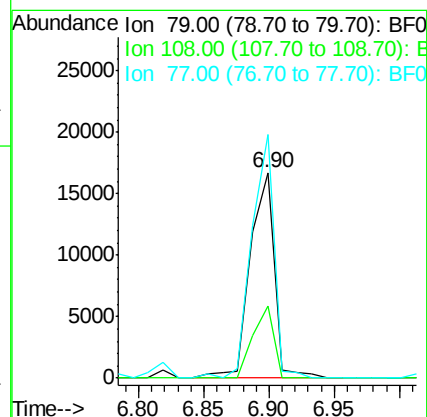
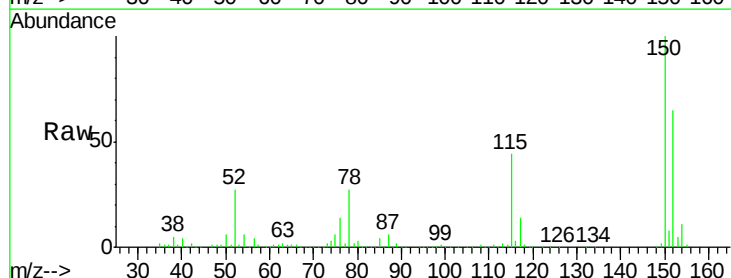
Tgt Ion: 79 Resp: 21621

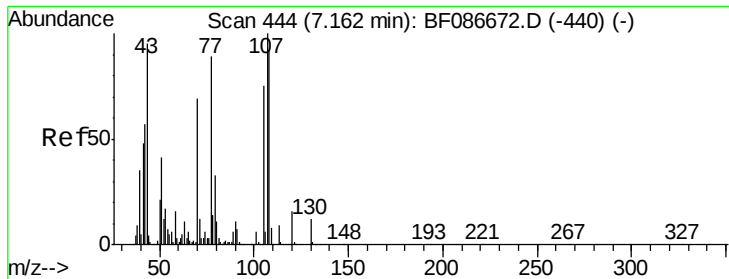
Ion Ratio Lower Upper

79 100

108 35.3 68.4 102.6#

77 118.3 50.6 76.0#





#19

n-Nitroso-di-n-propylamine

Concen: 19.48 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.15 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 70 Resp: 170233

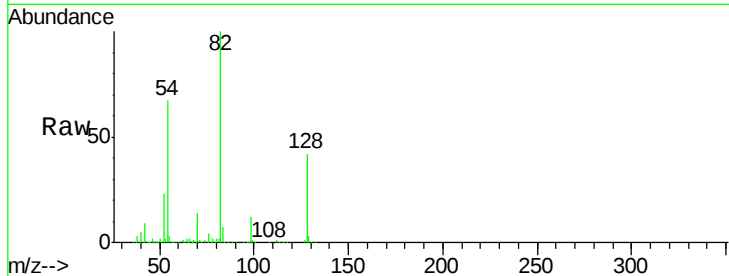
Ion Ratio Lower Upper

70 100

42 63.0 43.1 64.7

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#



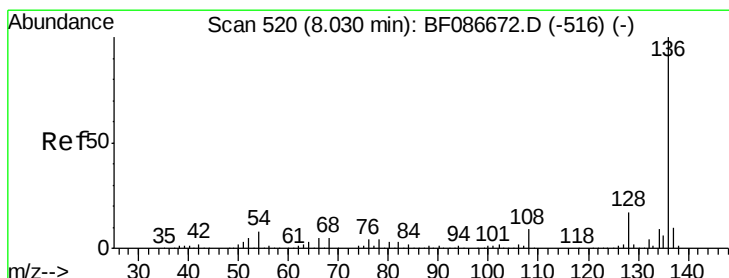
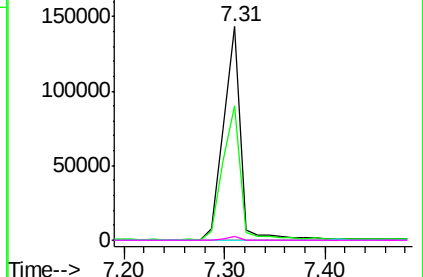
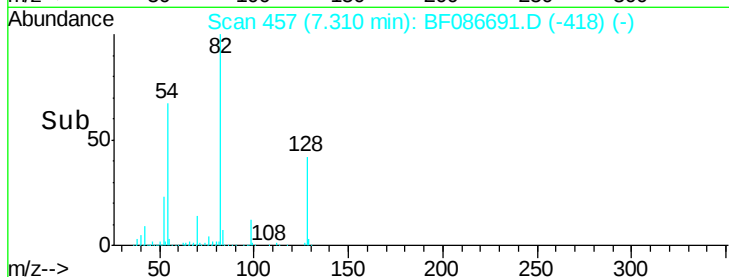
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

Tgt Ion: 136 Resp: 588617

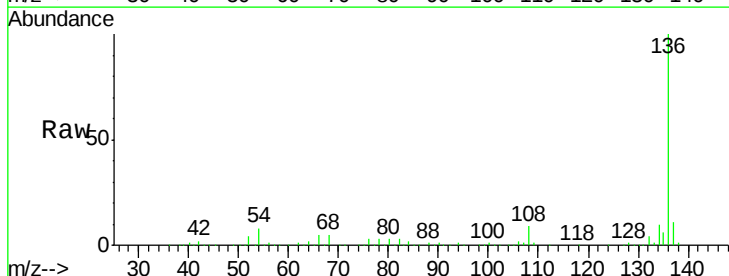
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.1 5.0 7.4#

68 4.8 4.4 6.6



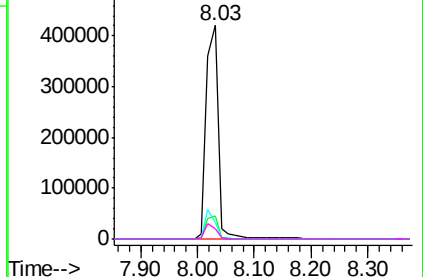
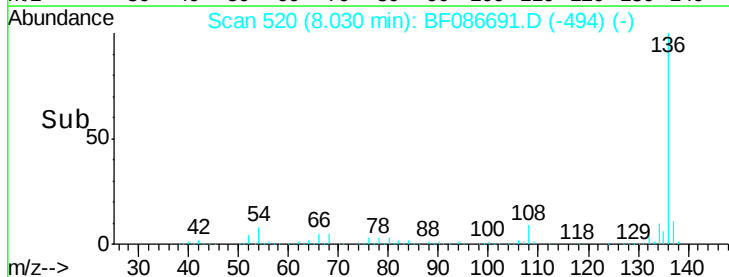
Abundance Ion 136.00 (135.70 to 136.70): E

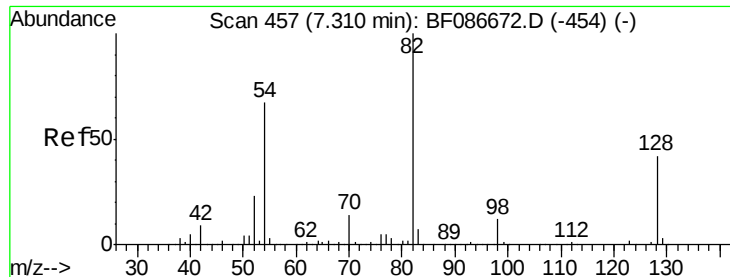
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->

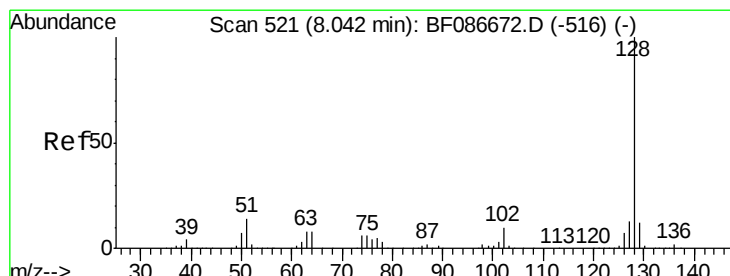
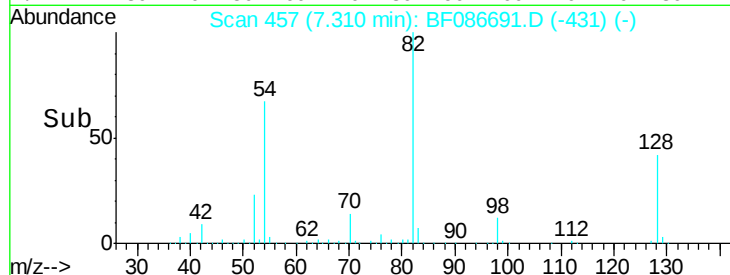
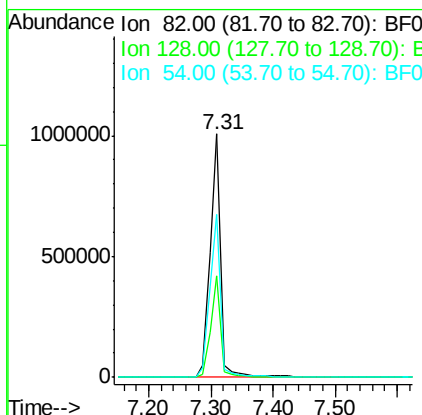
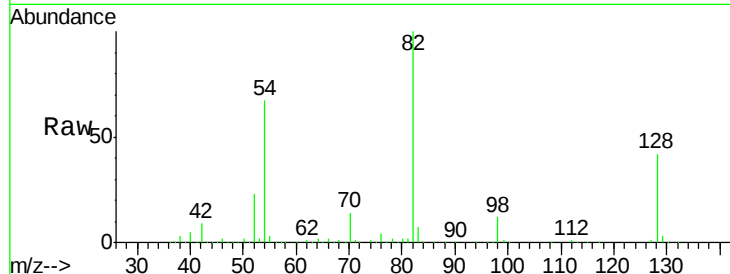




#23
 Nitrobenzene-d5
 Concen: 104.44 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF086691.D
 Acq: 4 May 2016 22:05

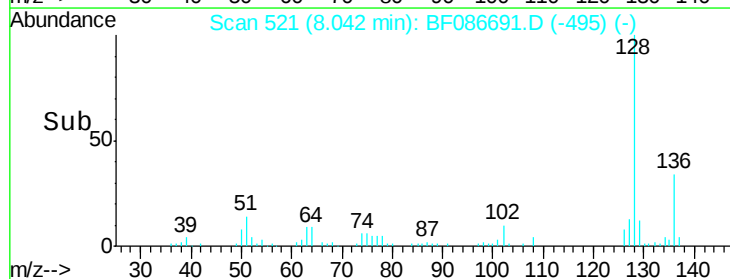
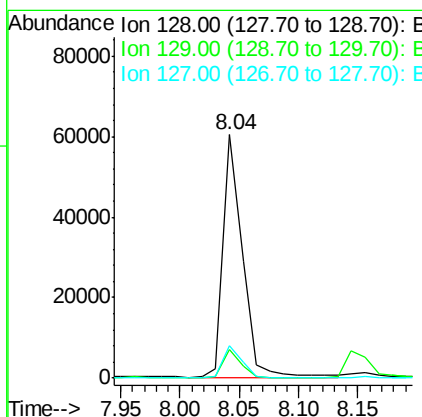
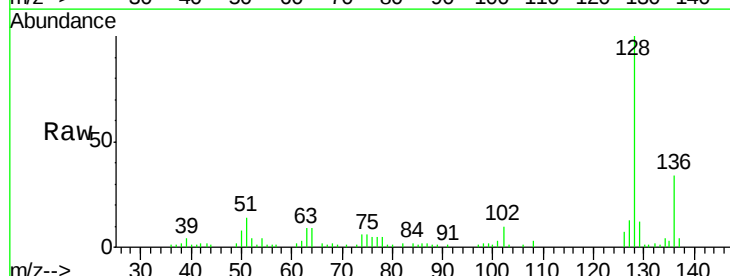
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-9(0-12FTBGS)

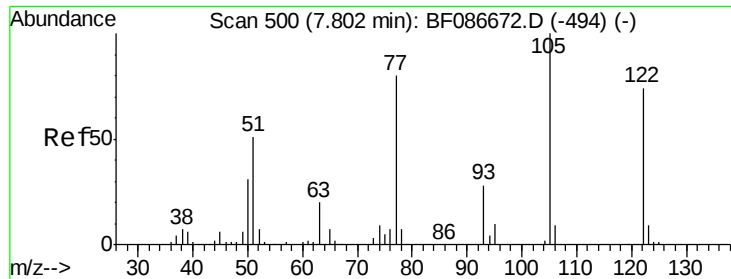
Tgt Ion: 82 Resp: 1196255
 Ion Ratio Lower Upper
 82 100
 128 41.8 40.6 61.0
 54 66.9 38.1 57.1#



#31
 Naphthalene
 Concen: 2.32 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF086691.D
 Acq: 4 May 2016 22:05

Tgt Ion: 128 Resp: 69639
 Ion Ratio Lower Upper
 128 100
 129 11.8 8.6 13.0
 127 13.3 10.8 16.2





#32

Benzoic acid

Concen: 8.49 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.02 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

Instrument :

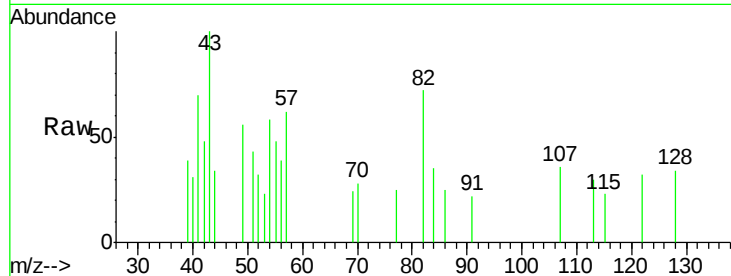
BNA_F

ClientSampleId :

26WARD-3-CS-9(0-12FTBGS)

Tgt Ion:122 Resp: 333

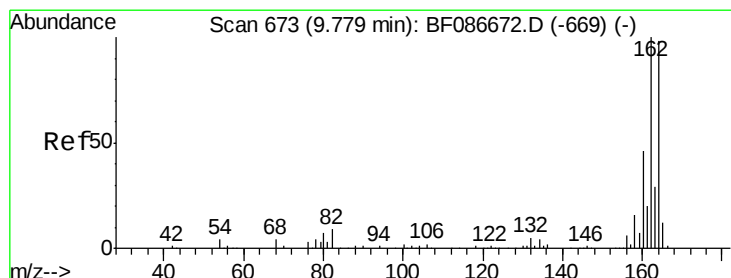
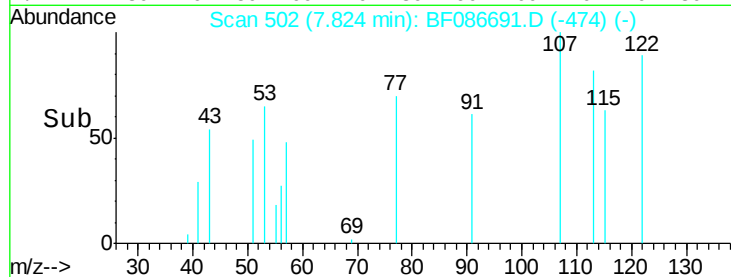
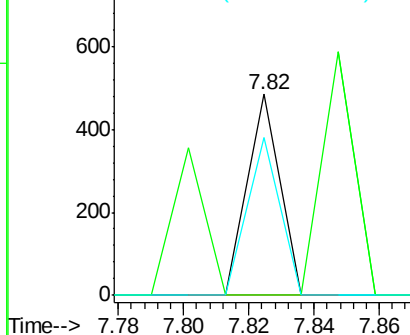
Ion	Ratio	Lower	Upper
122	100		
105	0.0	92.6	132.6#
77	78.8	60.0	100.0



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



#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.78 min Scan# 673

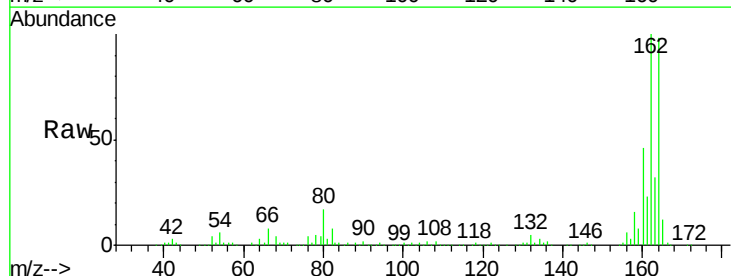
Delta R.T. 0.00 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

Tgt Ion:164 Resp: 249675

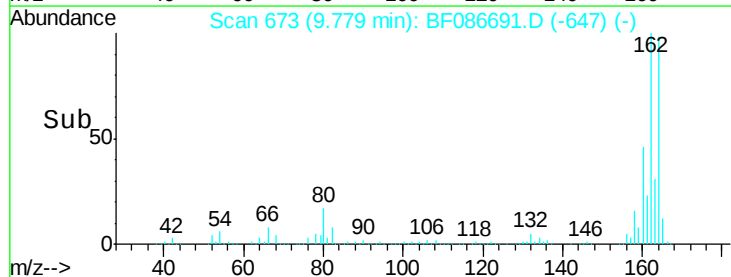
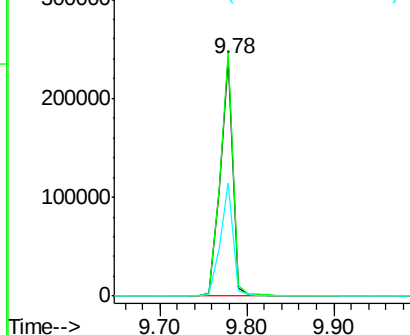
Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.8	124.2
160	47.4	36.9	55.3

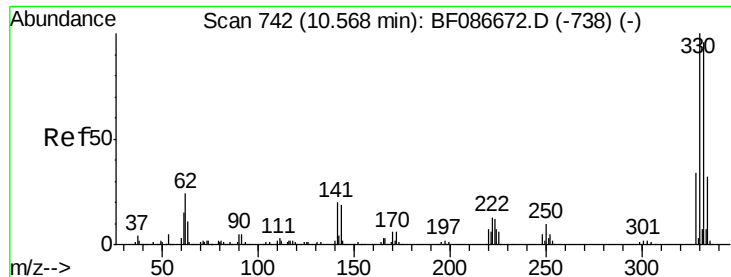


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

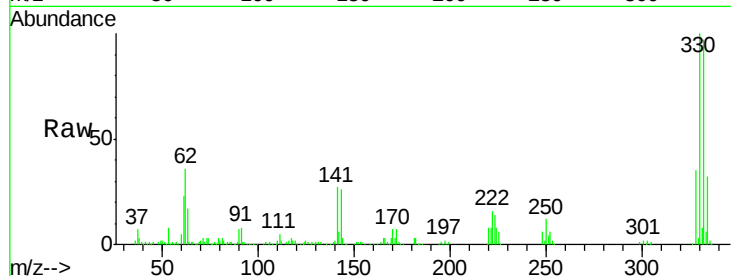




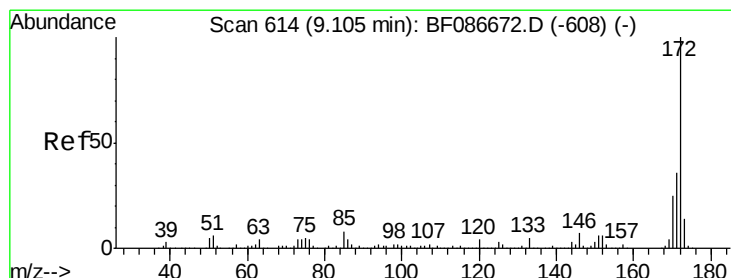
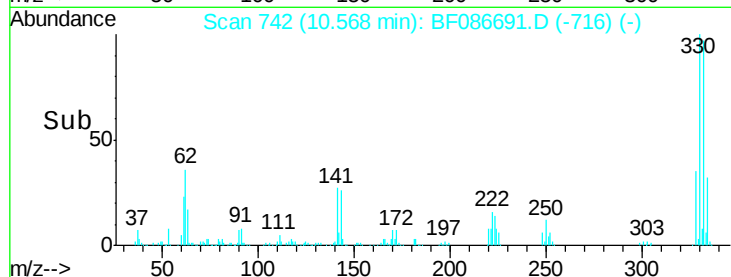
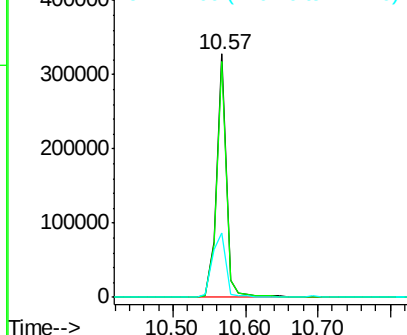
#41
 2,4,6-Tribromophenol
 Concen: 126.67 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086691.D
 Acq: 4 May 2016 22:05

Instrument :
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Tgt Ion:330 Resp: 309367
 Ion Ratio Lower Upper
 330 100
 332 97.5 79.0 118.4
 141 36.4 31.2 46.8

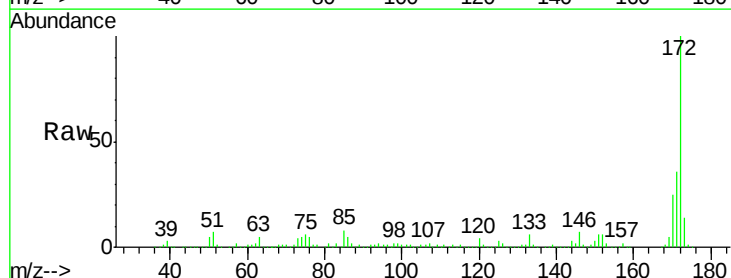


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

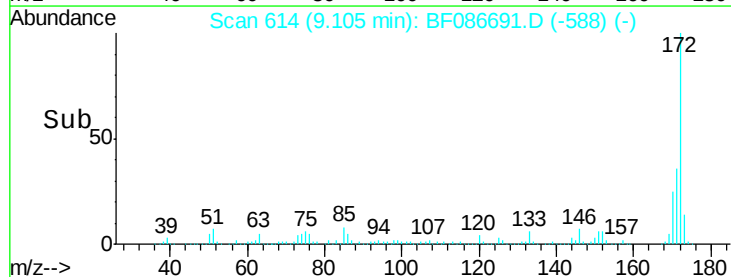
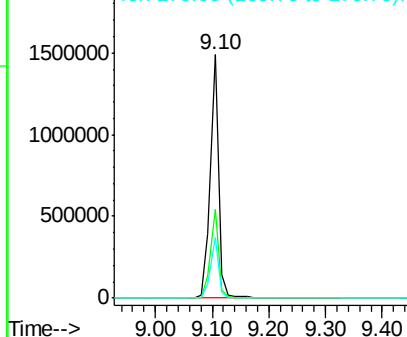


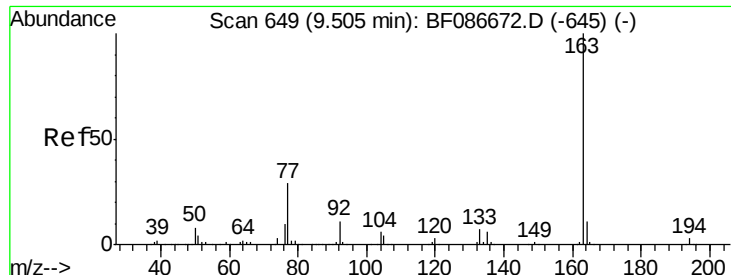
#44
 2-Fluorobiphenyl
 Concen: 95.66 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086691.D
 Acq: 4 May 2016 22:05

Tgt Ion:172 Resp: 1457061
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 25.0 19.8 29.8



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: 8.53 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-9(0-12FTBGS)

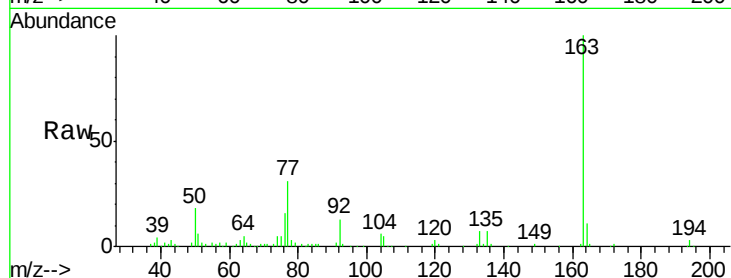
Tgt Ion:163 Resp: 158716

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

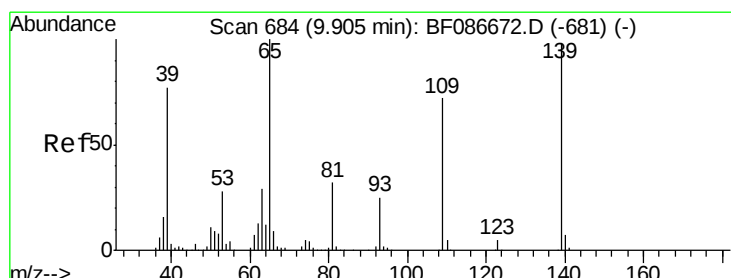
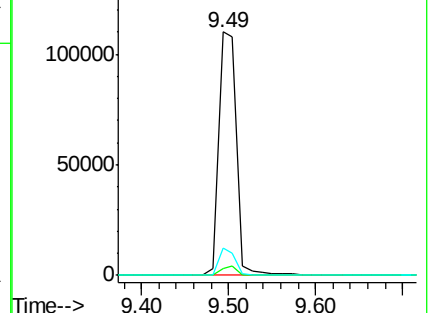
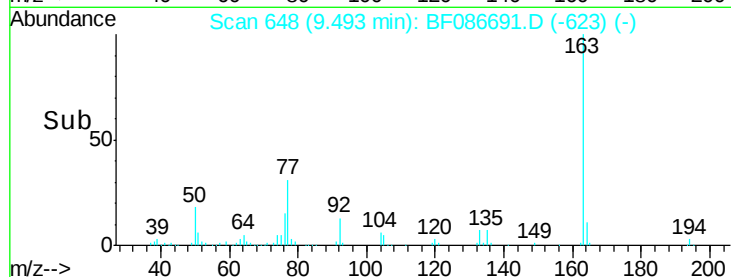
164 11.2 8.2 12.4



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



#55

4-Nitrophenol

Concen: 5.58 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.08 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

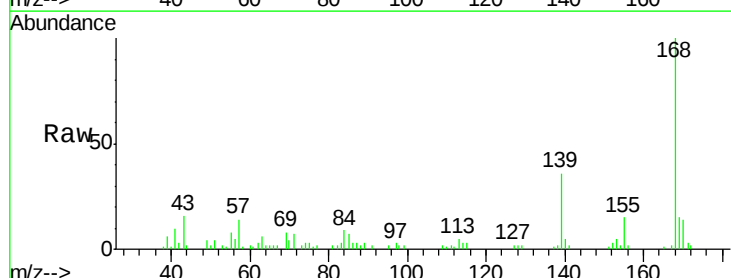
Tgt Ion:139 Resp: 14761

Ion Ratio Lower Upper

139 100

109 4.8 36.9 76.9#

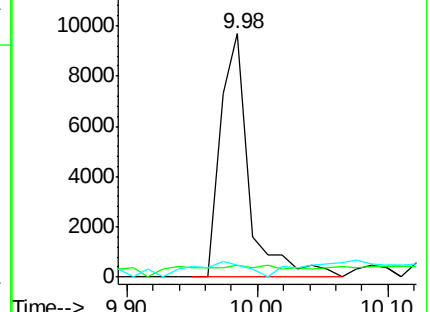
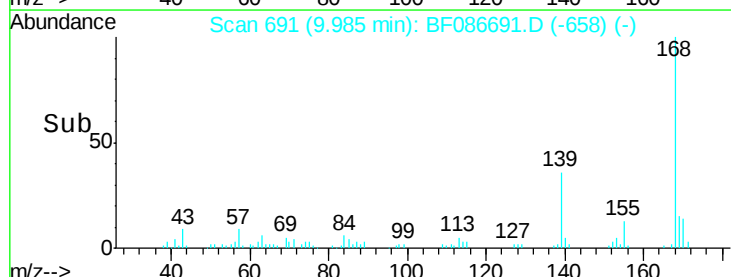
65 4.8 64.0 104.0#

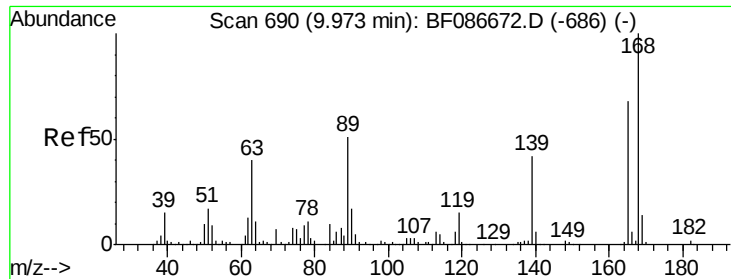


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

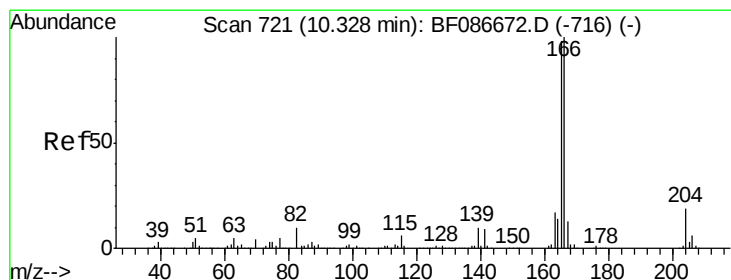
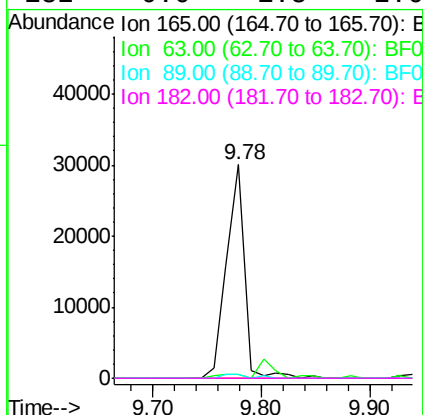
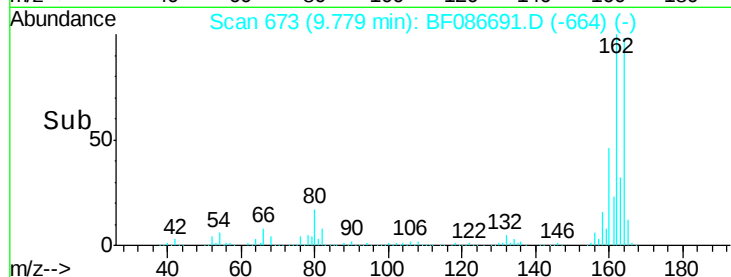
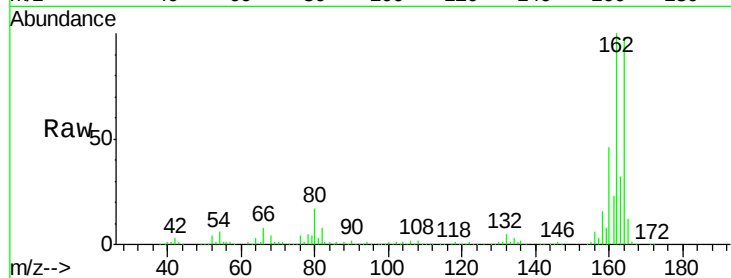




#56
2,4-Dinitrotoluene
Concen: 6.96 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.19 min
Lab File: BF086691.D
Acq: 4 May 2016 22:05

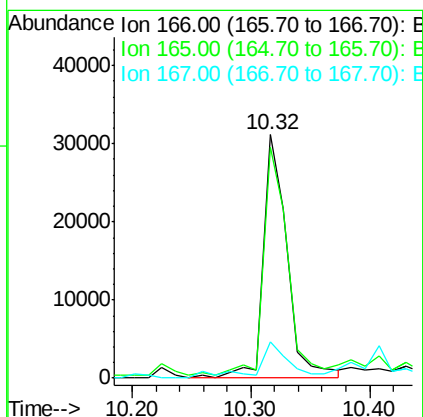
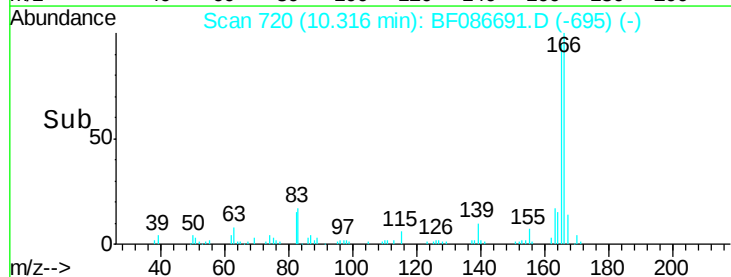
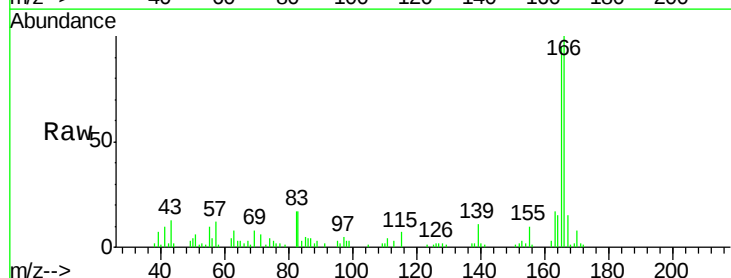
Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-9(0-12FTBGS)

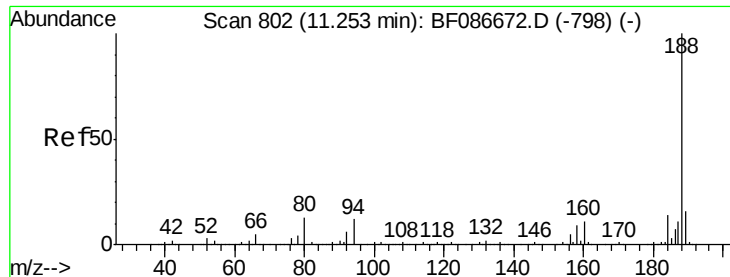
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	2.0	70.0	105.0#
182	0.0	1.8	2.6#



#57
Fluorene
Concen: 2.81 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF086691.D
Acq: 4 May 2016 22:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	79.0	118.6
167	15.1	10.6	15.8

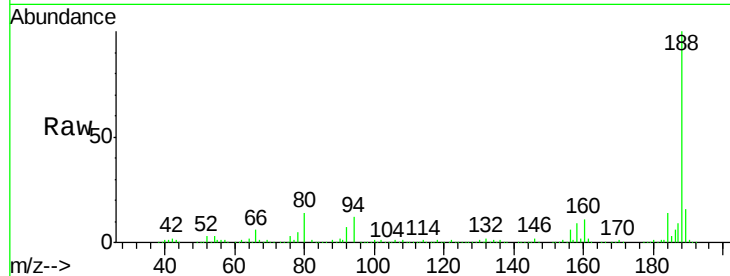




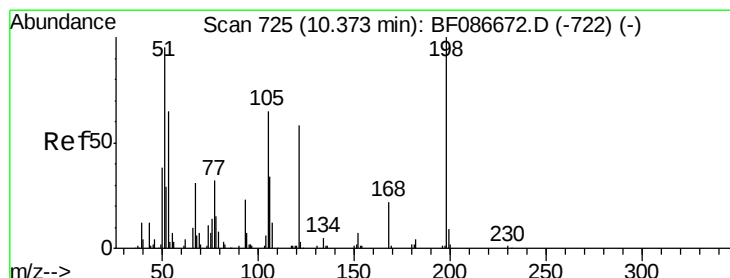
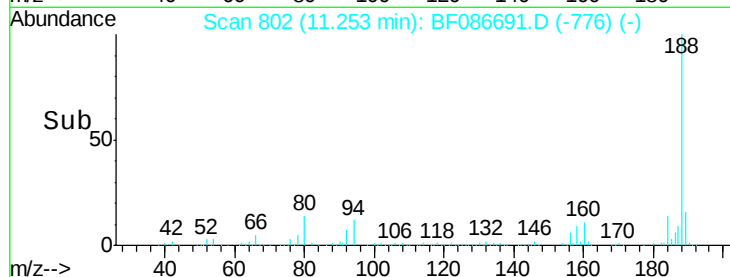
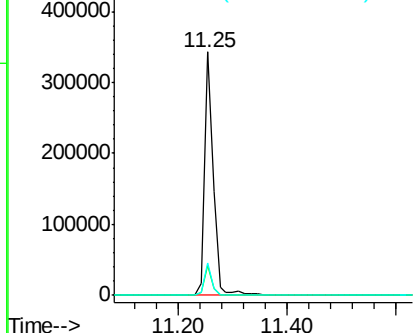
#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086691.D
 Acq: 4 May 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-9(0-12FTBGS)

Tgt Ion:188 Resp: 378088
 Ion Ratio Lower Upper
 188 100
 94 12.5 6.8 10.2#
 80 13.6 7.1 10.7#

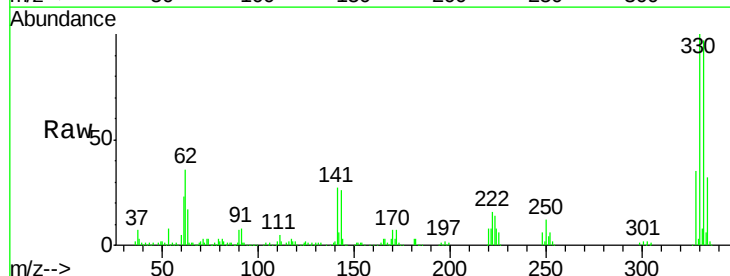


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

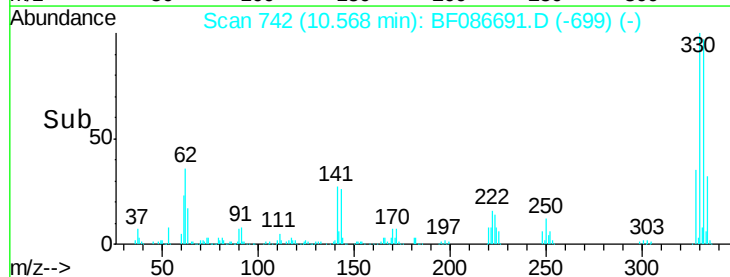
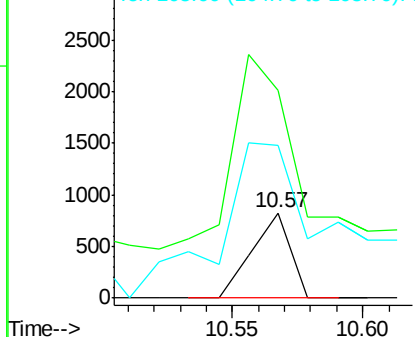


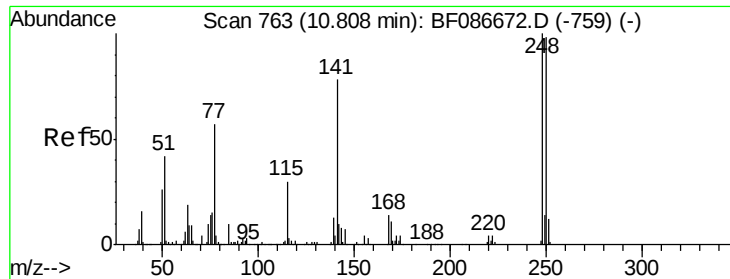
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.72 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.19 min
 Lab File: BF086691.D
 Acq: 4 May 2016 22:05

Tgt Ion:198 Resp: 850
 Ion Ratio Lower Upper
 198 100
 51 243.0 20.5 60.5#
 105 178.4 24.5 64.5#



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

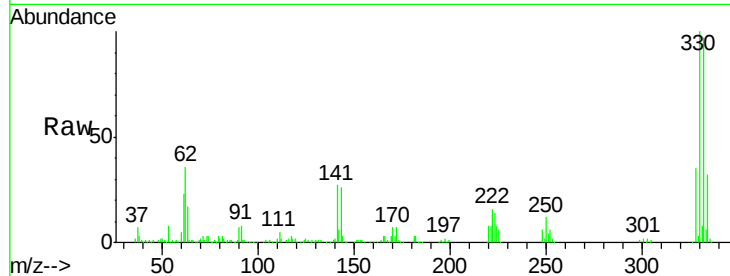




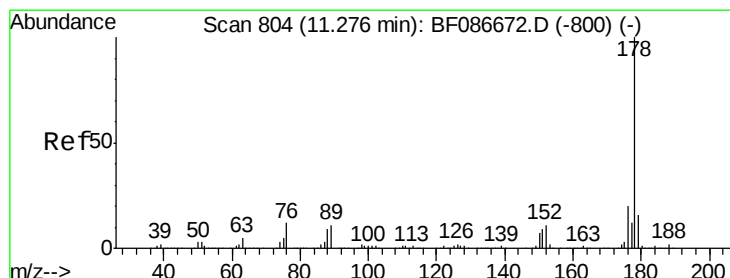
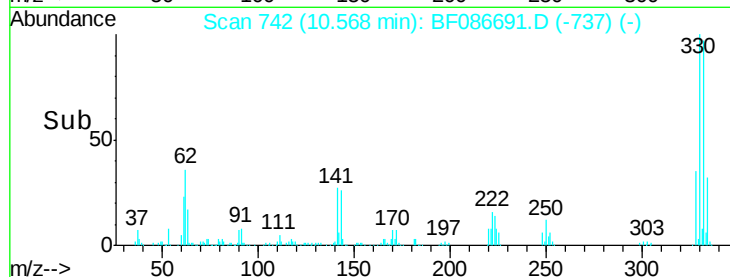
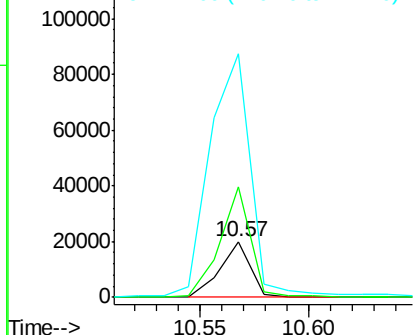
#66
4-Bromophenyl-phenylether
Concen: 5.11 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF086691.D
Acq: 4 May 2016 22:05

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-9(0-12FTBGS)

Tgt Ion:248 Resp: 19186
Ion Ratio Lower Upper
248 100
250 200.3 78.6 117.8#
141 439.1 76.0 114.0#

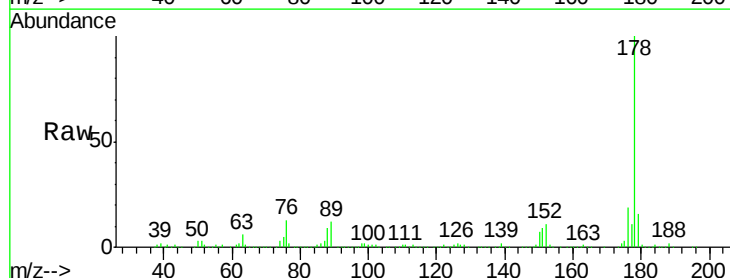


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

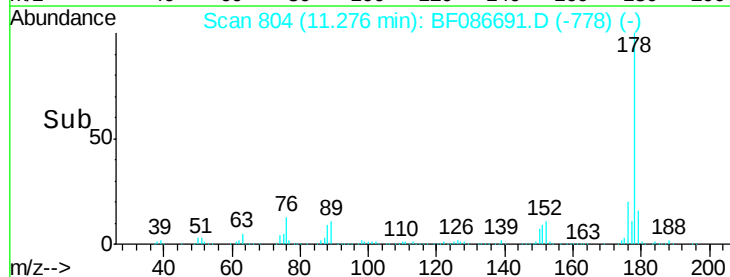
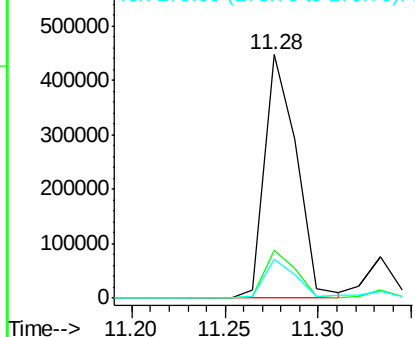


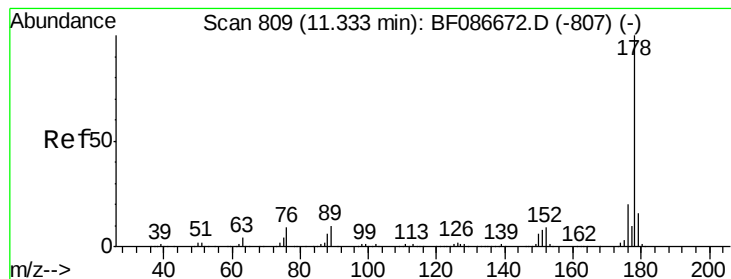
#70
Phenanthrene
Concen: 26.48 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF086691.D
Acq: 4 May 2016 22:05

Tgt Ion:178 Resp: 537715
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.9 12.6 18.8



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





#71

Anthracene

Concen: 4.28 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-9(0-12FTBGS)

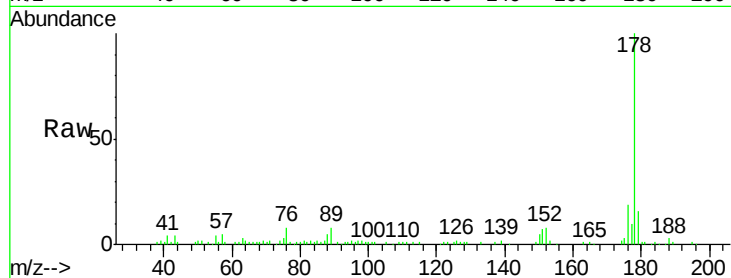
Tgt Ion:178 Resp: 91115

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

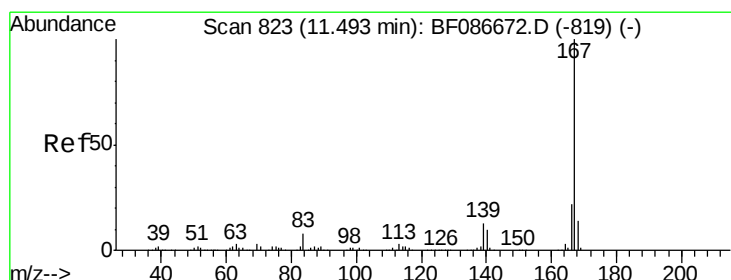
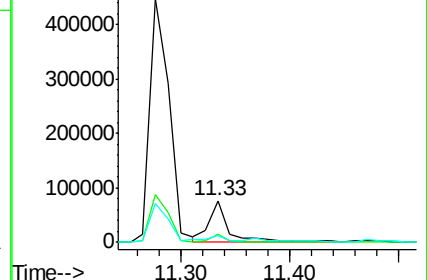
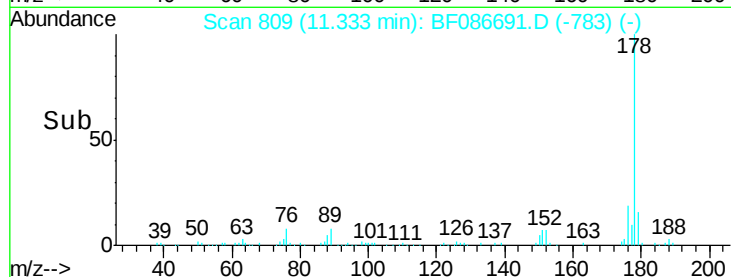
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.81 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

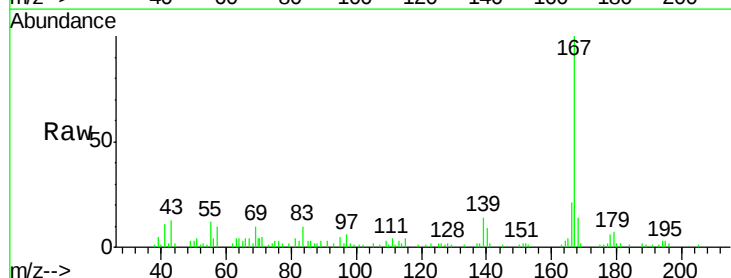
Tgt Ion:167 Resp: 51875

Ion Ratio Lower Upper

167 100

166 21.2 17.7 26.5

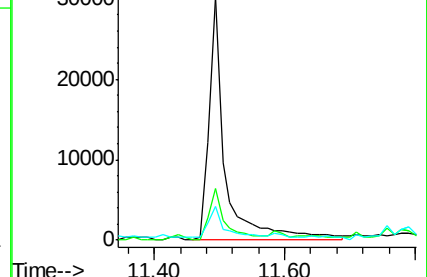
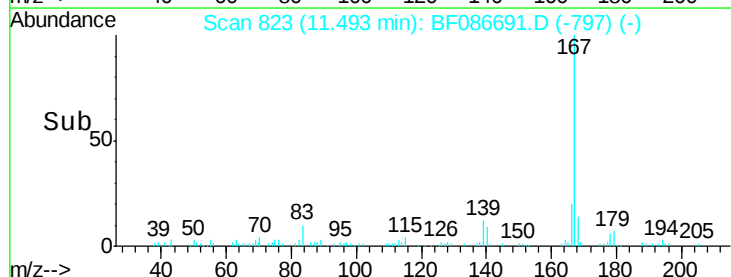
139 13.6 10.8 16.2

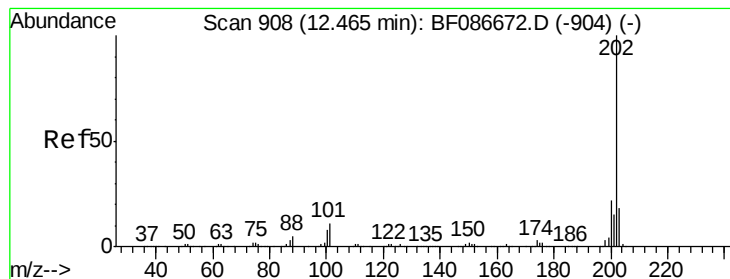


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 29.09 ng

RT: 12.46 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-9(0-12FTBGS)

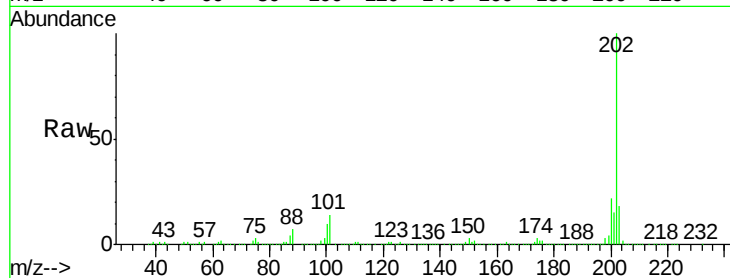
Tgt Ion:202 Resp: 592042

Ion Ratio Lower Upper

202 100

101 13.8 0.0 35.4

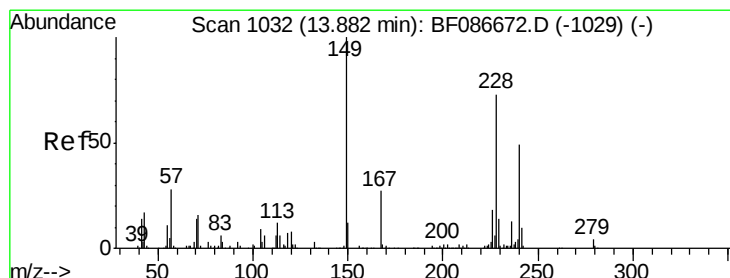
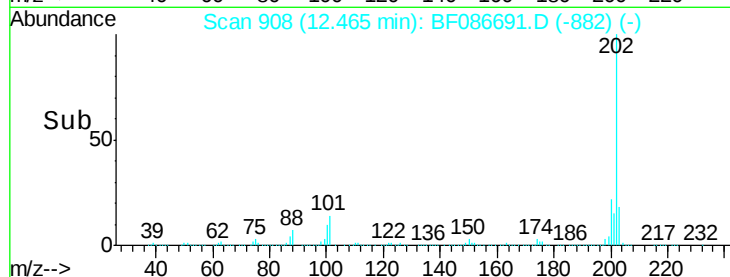
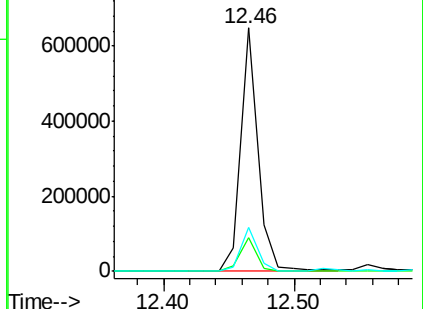
203 18.1 0.0 38.1



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: 40.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

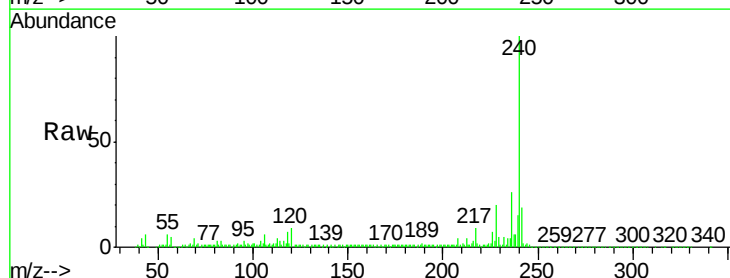
Tgt Ion:240 Resp: 329617

Ion Ratio Lower Upper

240 100

120 8.7 11.2 16.8#

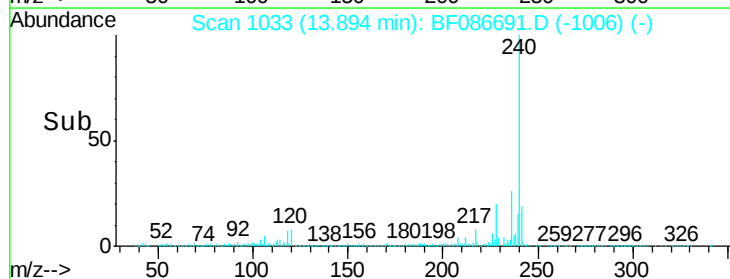
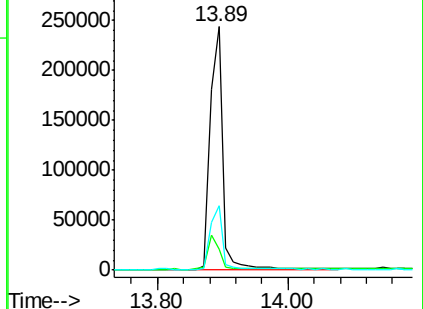
236 26.2 21.2 31.8

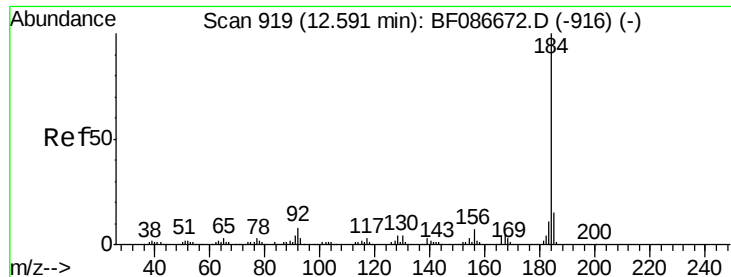


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.16 ng

RT: 12.62 min Scan# 922

Delta R.T. 0.03 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-9(0-12FTBGS)

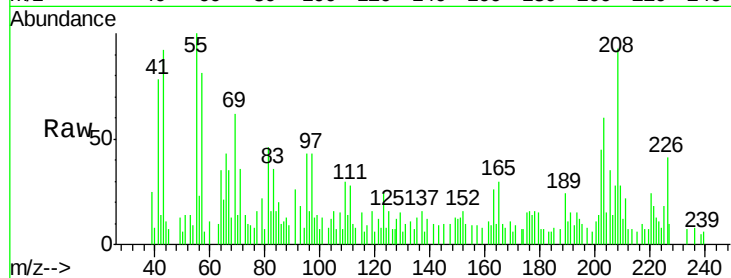
Tgt Ion:184 Resp: 665

Ion Ratio Lower Upper

184 100

185 129.3 13.6 20.4#

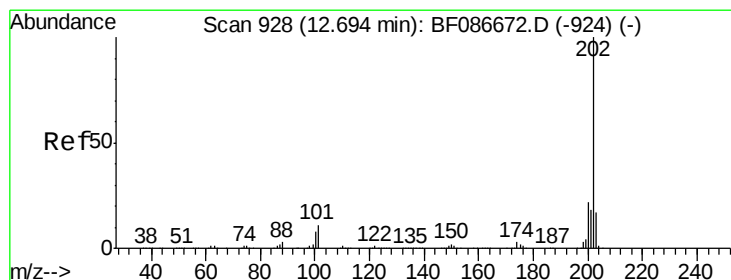
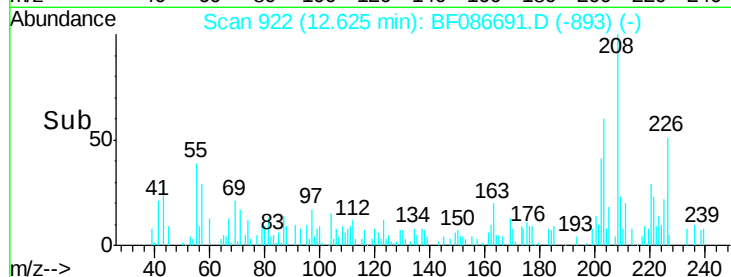
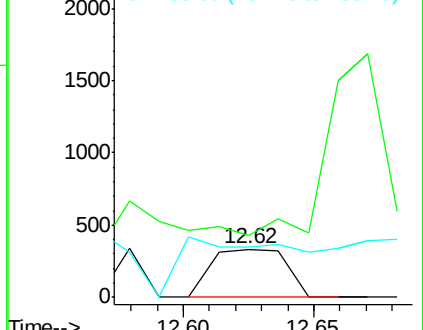
183 105.1 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 21.31 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

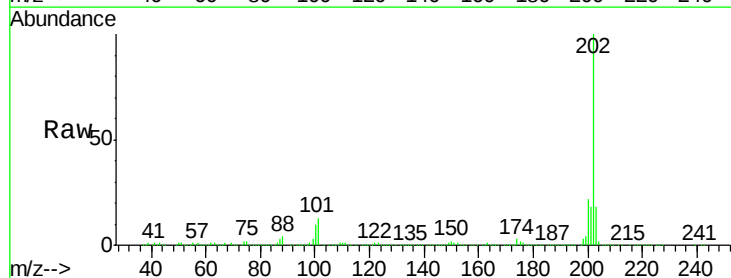
Tgt Ion:202 Resp: 560097

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

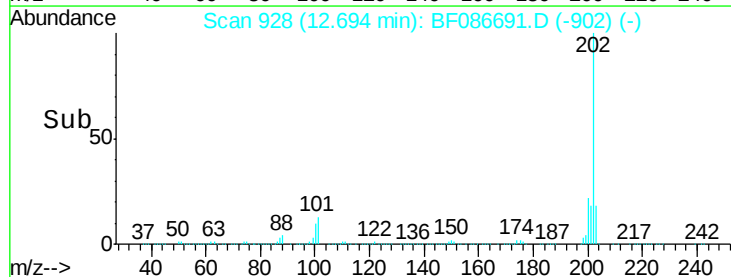
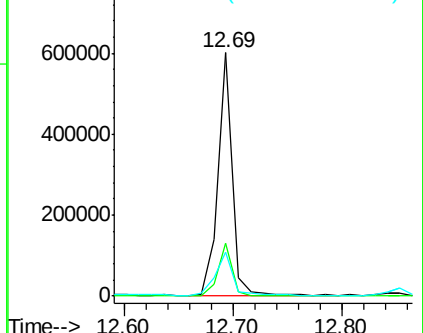
203 18.1 14.2 21.4

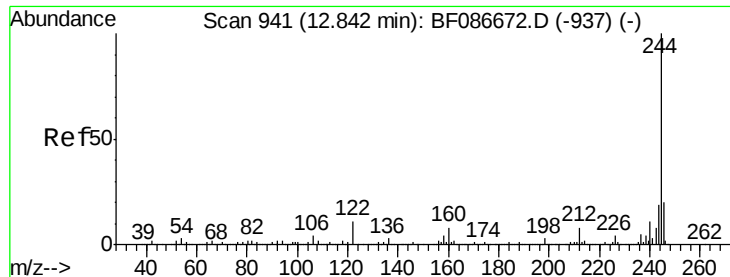


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.74 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-9(0-12FTBGS)

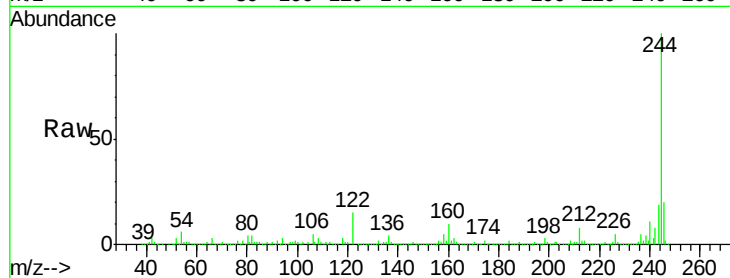
Tgt Ion:244 Resp: 1023223

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

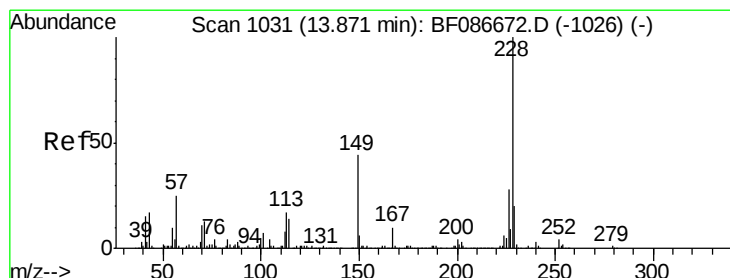
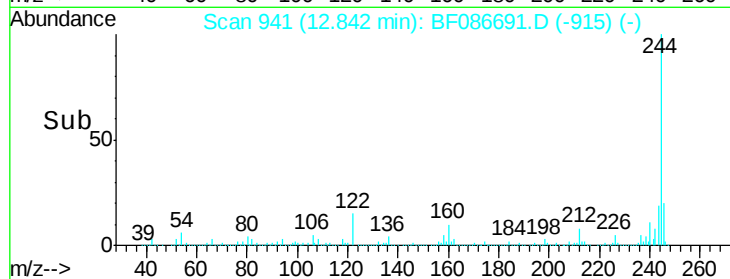
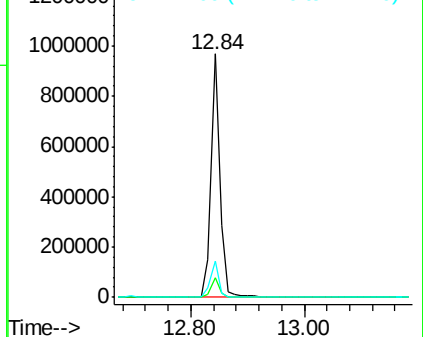
122 14.7 12.0 18.0



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



#80

Benzo(a)anthracene

Concen: 11.81 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

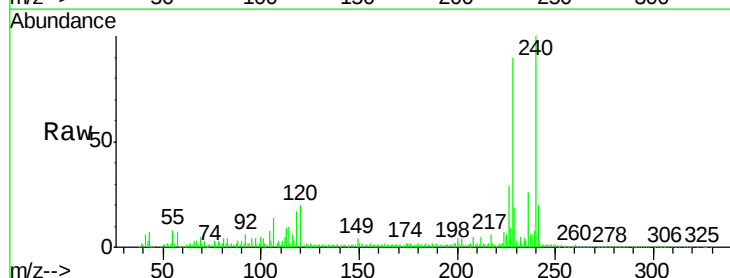
Tgt Ion:228 Resp: 220204

Ion Ratio Lower Upper

228 100

226 32.2 22.5 33.7

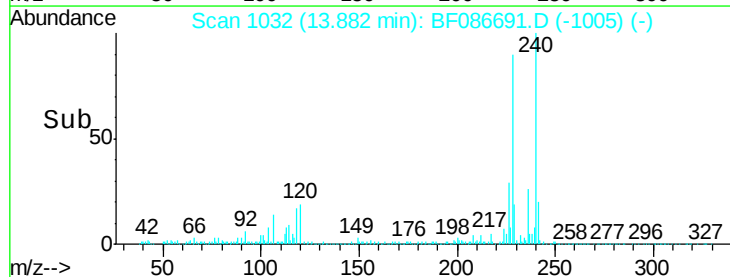
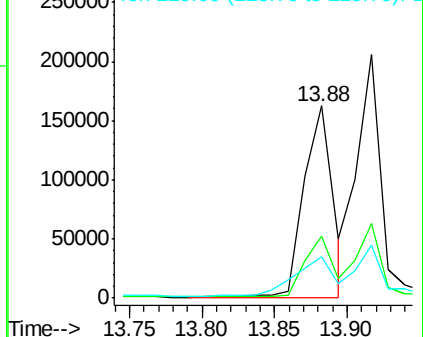
229 21.6 16.6 25.0

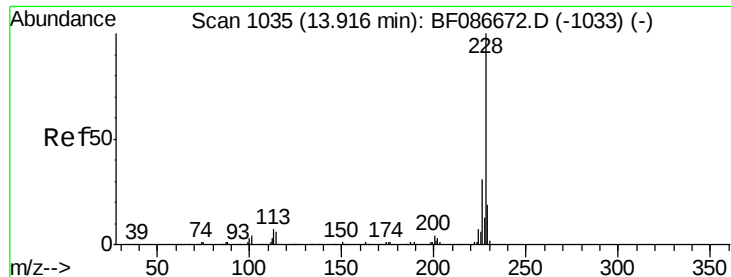


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 12.07 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-9(0-12FTBGS)

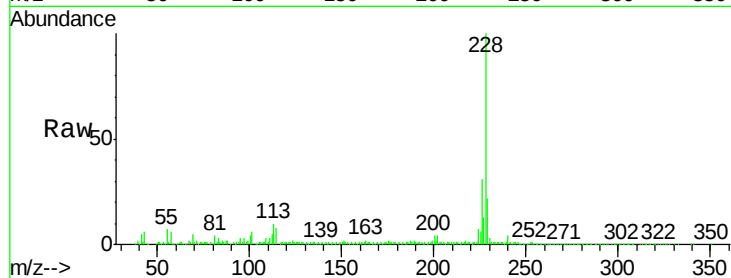
Tgt Ion:228 Resp: 240132

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

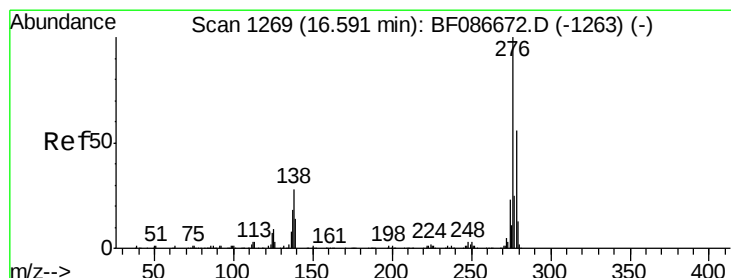
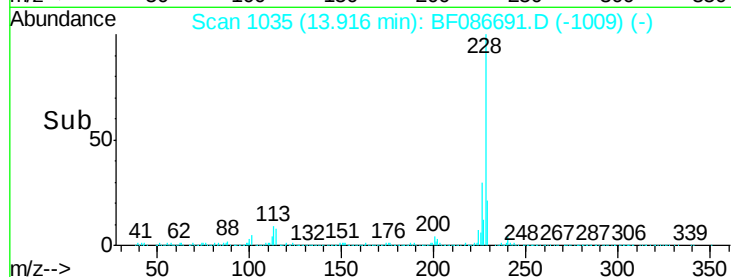
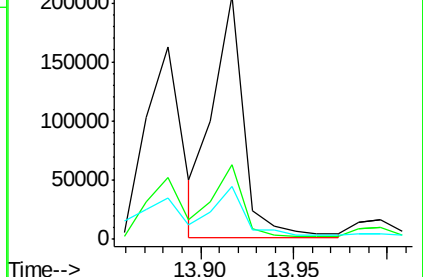
229 21.8 15.8 23.8



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.66 ng

RT: 16.60 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF086691.D

Acq: 4 May 2016 22:05

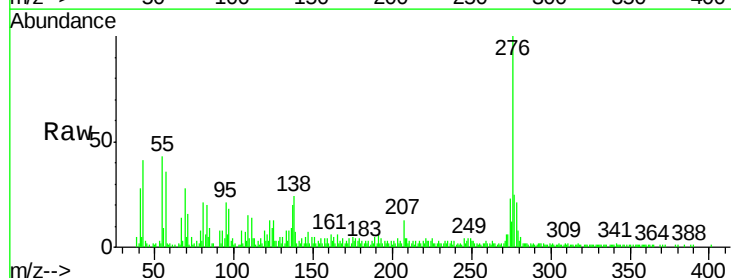
Tgt Ion:276 Resp: 79441

Ion Ratio Lower Upper

276 100

138 25.5 25.6 38.4#

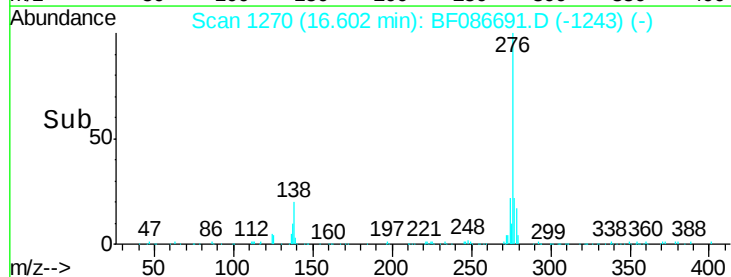
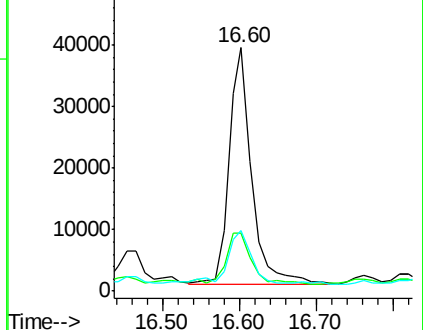
277 23.9 20.5 30.7

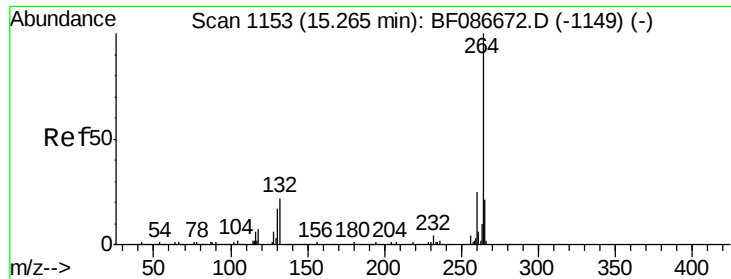


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

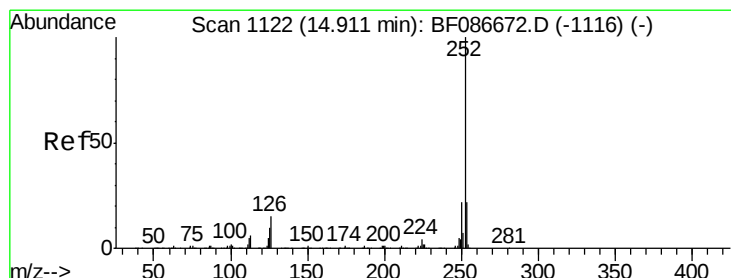
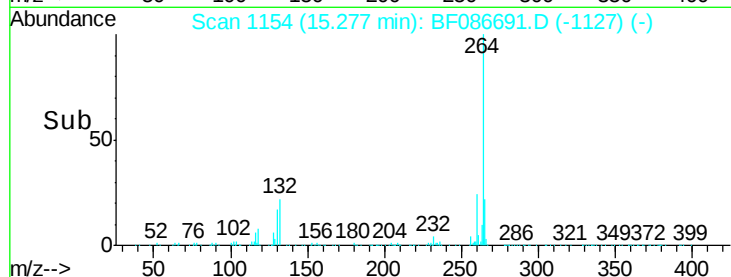
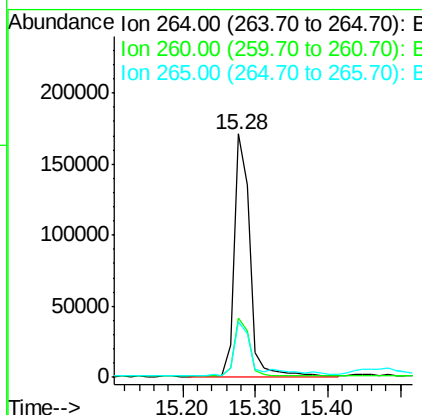
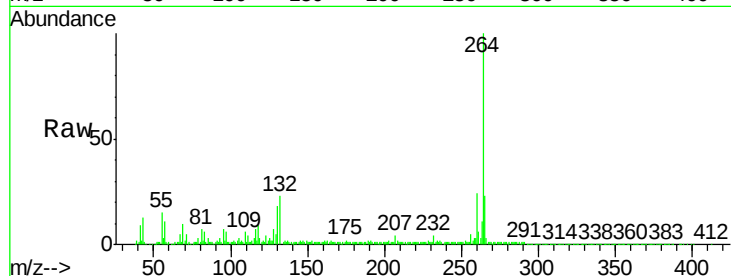




#86
Perylene-d12
Concen: 40.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF086691.D
Acq: 4 May 2016 22:05

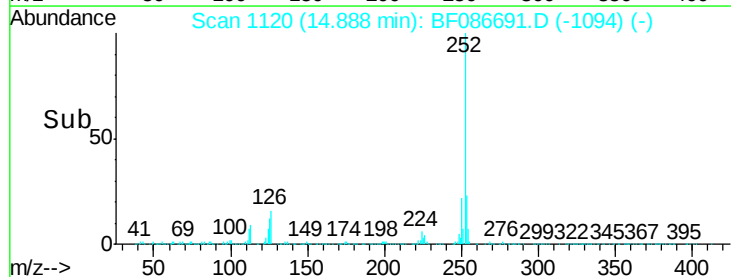
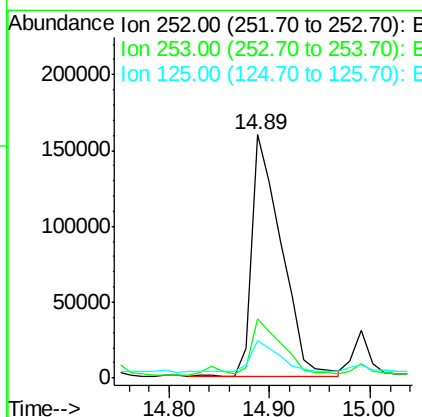
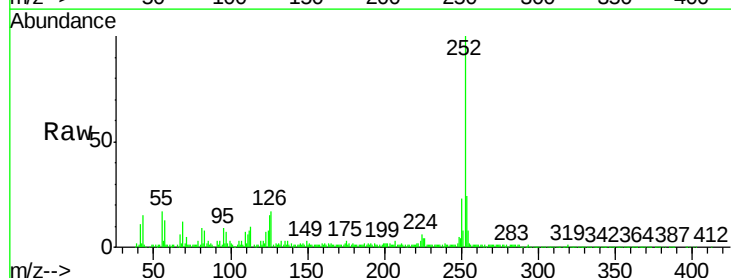
Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-9(0-12FTBGS)

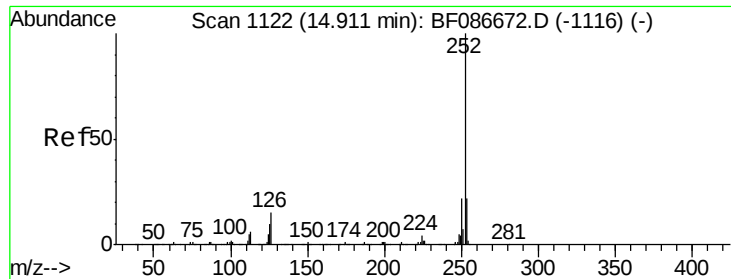
Tgt Ion:264 Resp: 252221
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 22.8 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 21.26 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF086691.D
Acq: 4 May 2016 22:05

Tgt Ion:252 Resp: 322141
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 15.2 11.4 17.0

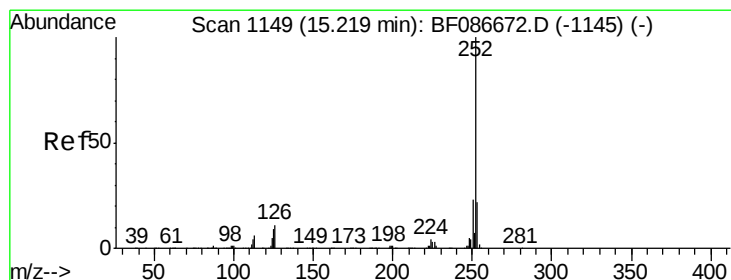
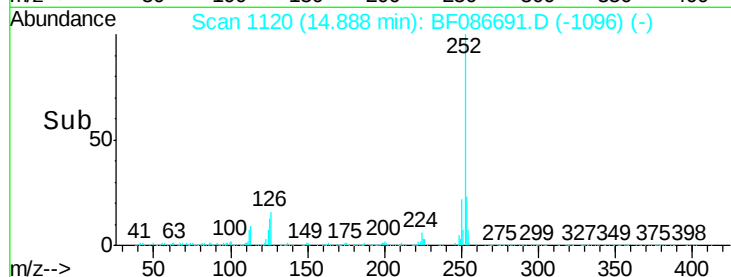
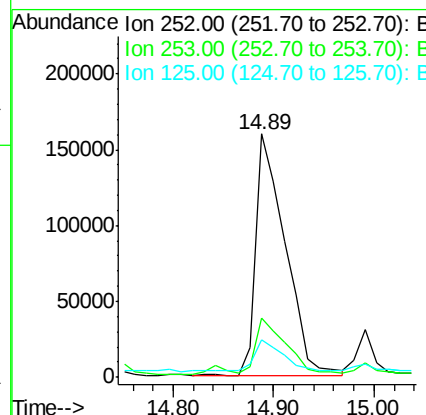
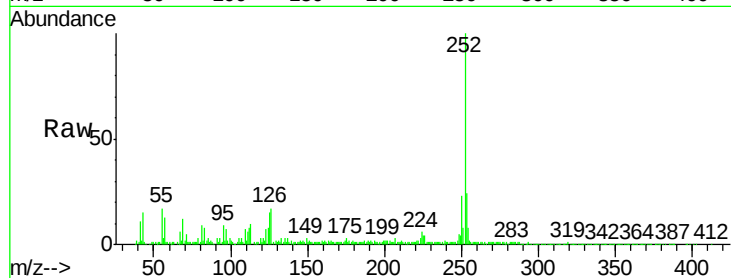




#88
Benzo(k)fluoranthene
Concen: 22.56 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF086691.D
Acq: 4 May 2016 22:05

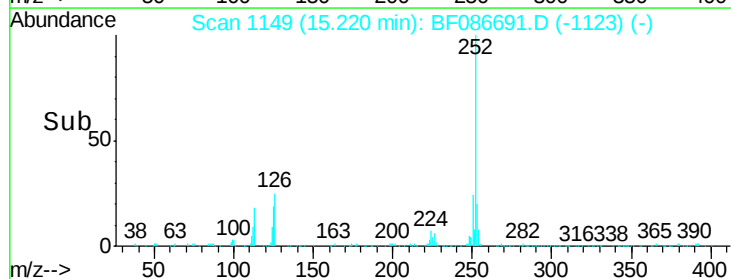
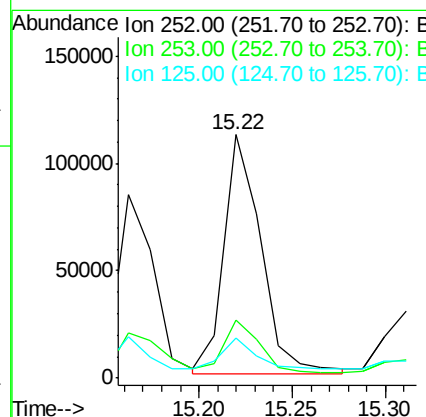
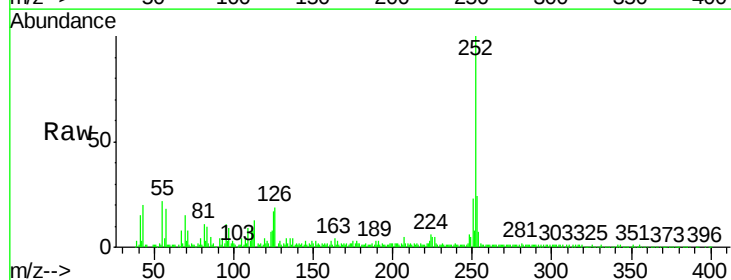
Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-9(0-12FTBGS)

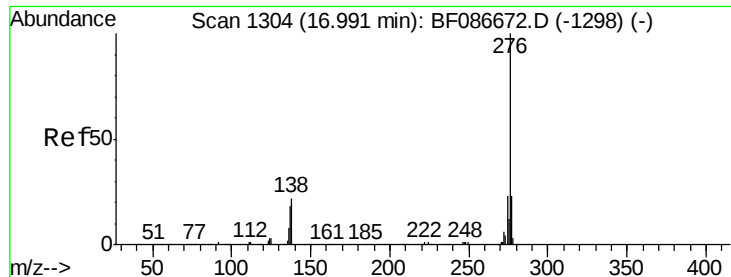
Tgt Ion:252 Resp: 322141
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 15.2 9.1 13.7#



#89
Benzo(a)pyrene
Concen: 11.24 ng
RT: 15.22 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF086691.D
Acq: 4 May 2016 22:05

Tgt Ion:252 Resp: 156908
Ion Ratio Lower Upper
252 100
253 24.0 17.2 25.8
125 16.7 9.0 13.6#

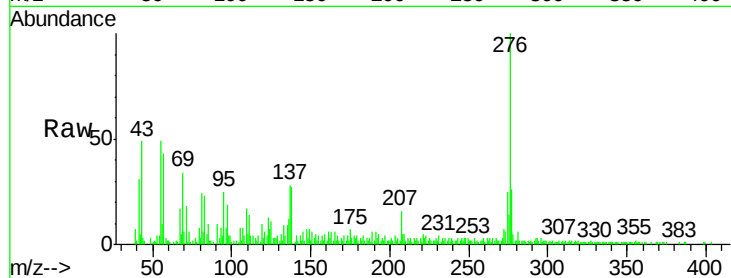




#91
 Benzo(g,h,i)perylene
 Concen: 5.33 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF086691.D
 Acq: 4 May 2016 22:05

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-9(0-12FTBGS)

Tgt Ion: 276 Resp: 75082
 Ion Ratio Lower Upper
 276 100
 277 26.3 19.6 29.4
 138 27.4 23.6 35.4



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

