

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050416\
 Data File : BF086697.D
 Acq On : 5 May 2016 00:56
 Operator : UM/SJ
 Sample : H2715-15 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

Quant Time: May 05 02:35:05 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	162524	40.00	ng	0.00
21) Naphthalene-d8	8.03	136	590713	40.00	ng	0.00
38) Acenaphthene-d10	9.78	164	235314	40.00	ng	0.00
63) Phenanthrene-d10	11.25	188	370346	40.00	ng	0.00
75) Chrysene-d12	13.89	240	347333	40.00	ng	0.01
86) Perylene-d12	15.29	264	251762	40.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	676101	68.87	ng	0.00
7) Phenol-d6	6.38	99	925975	70.02	ng	0.01
23) Nitrobenzene-d5	7.30	82	516036	44.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	139721	60.70	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	778330	54.22	ng	0.00
78) Terphenyl-d14	12.84	244	566287	32.95	ng	0.00

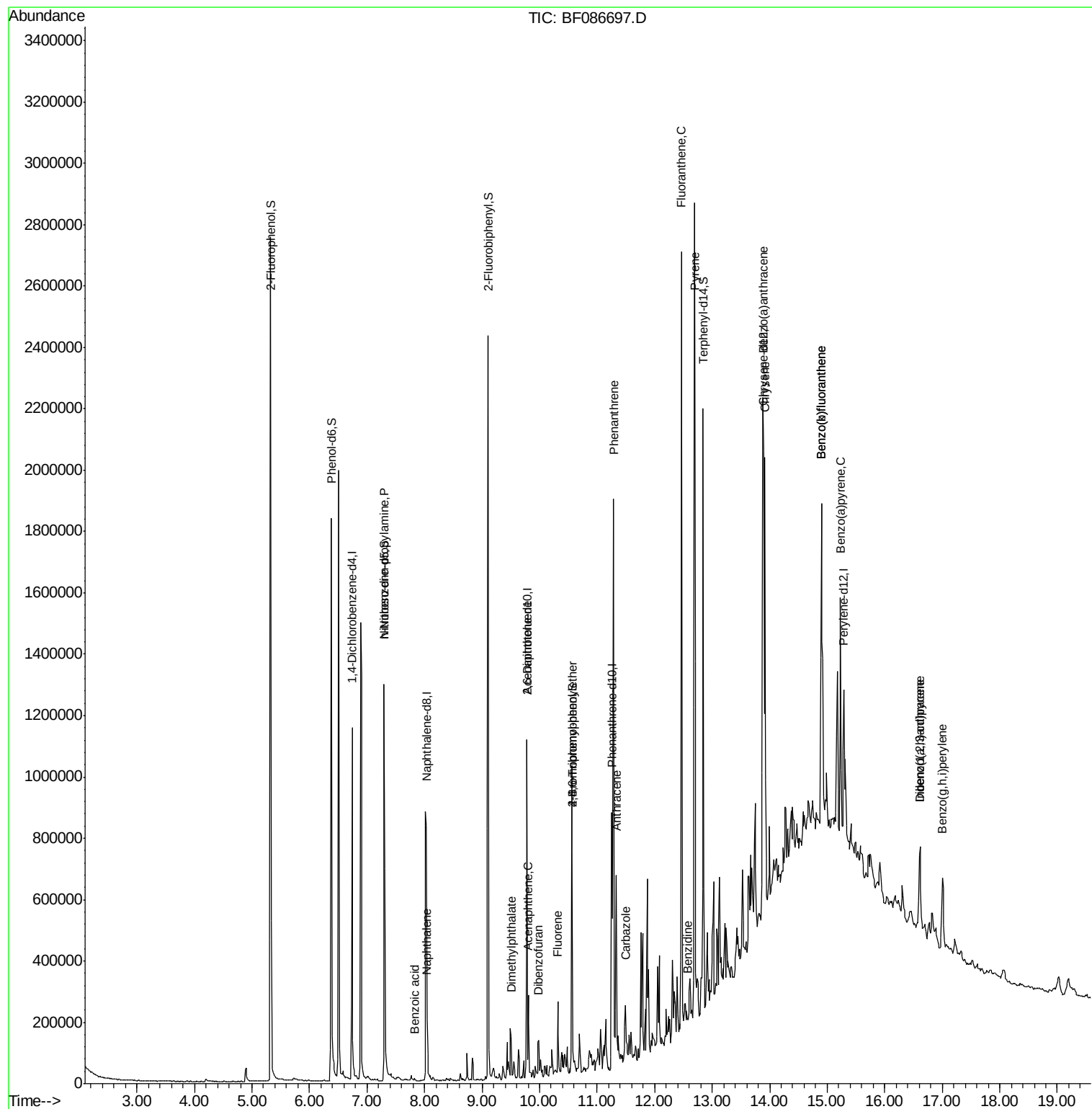
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	70580	7.81	ng	# 71
31) Naphthalene	8.04	128	75853	2.51	ng	98
32) Benzoic acid	7.82	122	1137	8.67	ng	# 25
49) Dimethylphthalate	9.50	163	84219	4.80	ng	98
50) 2,6-Dinitrotoluene	9.78	165	31922	8.48	ng	# 21
51) Acenaphthene	9.80	154	72772	5.01	ng	97
54) Dibenzofuran	9.98	168	55579	3.08	ng	96
57) Fluorene	10.32	166	76209	5.22	ng	# 98
66) 4-Bromophenyl-phenylether	10.57	248	7900	2.15	ng	# 1
70) Phenanthrene	11.29	178	1050203	52.79	ng	99
71) Anthracene	11.33	178	286204	13.74	ng	99
72) Carbazole	11.49	167	117842	6.51	ng	99
74) Fluoranthene	12.46	202	1441493	72.31	ng	99
76) Benzidine	12.57	184	396	7.13	ng	# 1
77) Pyrene	12.69	202	1296370	46.82	ng	98
80) Benzo(a)anthracene	13.88	228	737546	37.55	ng	98
82) Chrysene	13.92	228	522335	24.92	ng	97
85) Indeno(1,2,3-cd)pyrene	16.61	276	209970	11.68	ng	94
87) Benzo(b)fluoranthene	14.90	252	788109	52.10	ng	97
88) Benzo(k)fluoranthene	14.90	252	788109	55.29	ng	97
89) Benzo(a)pyrene	15.23	252	401609	28.82	ng	96
90) Dibenzo(a,h)anthracene	16.61	278	48311	3.61	ng	# 86
91) Benzo(g,h,i)perylene	17.00	276	194385	13.83	ng	97

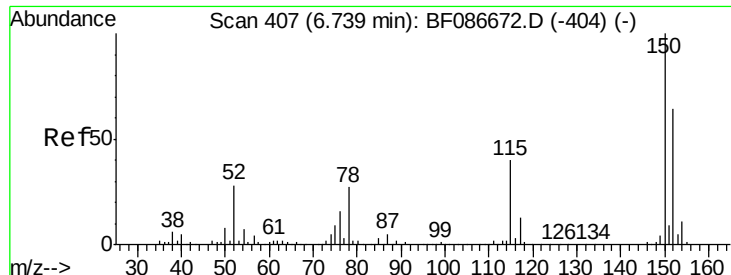
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

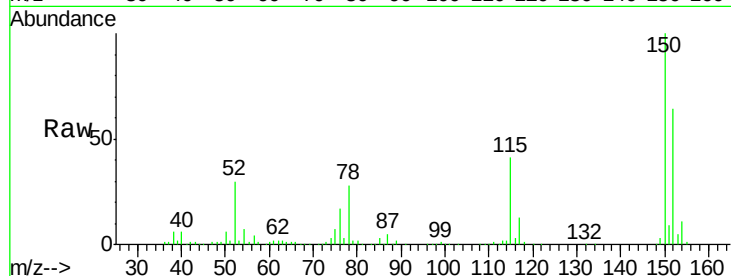
Tgt Ion:152 Resp: 162524

Ion Ratio Lower Upper

152 100

150 157.0 125.8 188.6

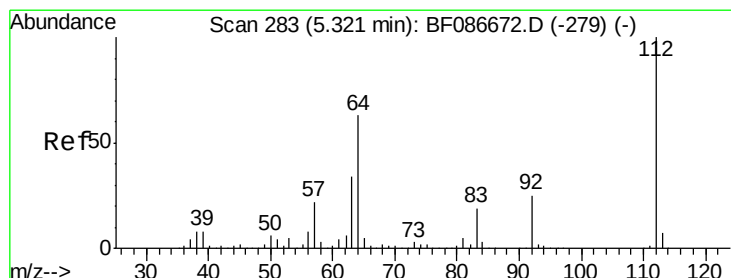
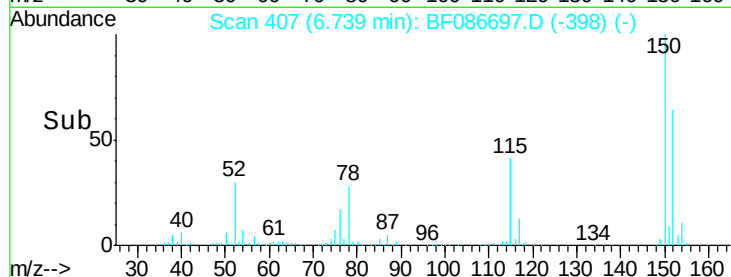
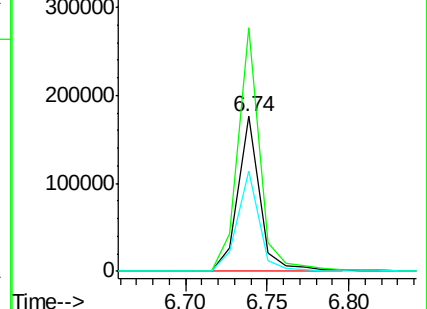
115 64.4 51.5 77.3



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: 68.87 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

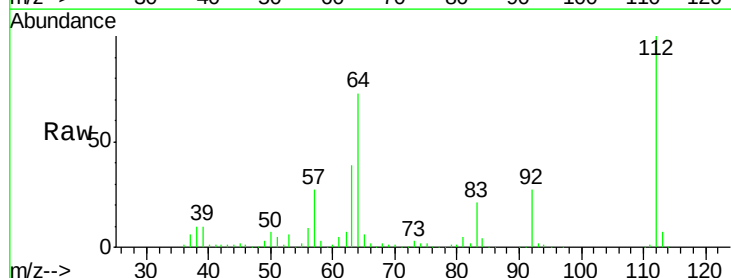
Tgt Ion:112 Resp: 676101

Ion Ratio Lower Upper

112 100

64 73.1 52.1 78.1

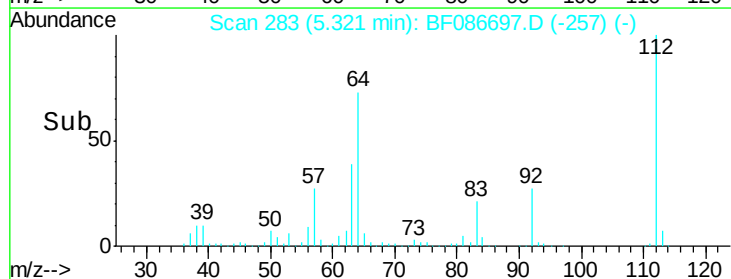
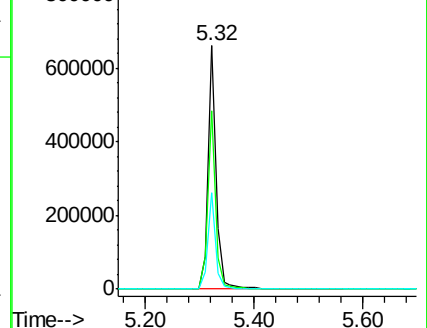
63 39.5 25.7 38.5#

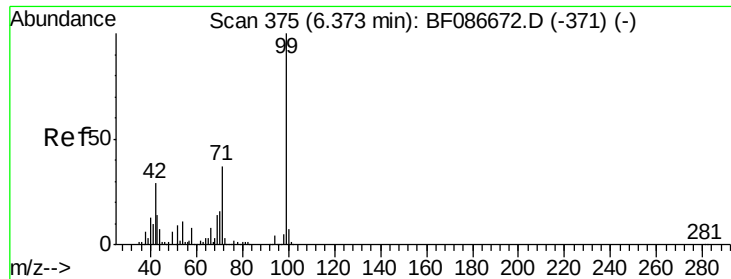


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 70.02 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086697.D

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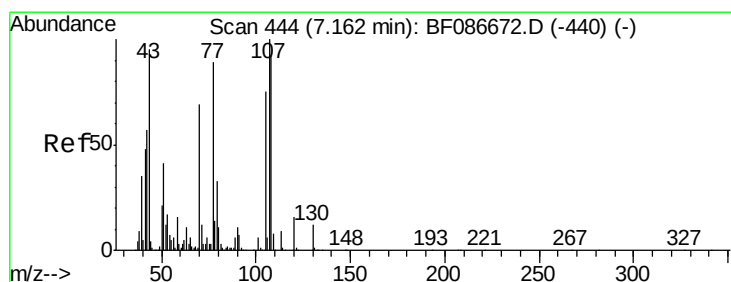
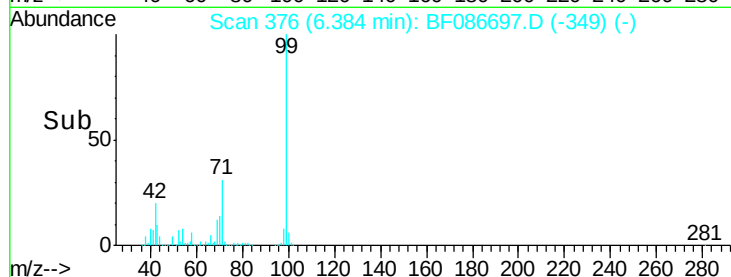
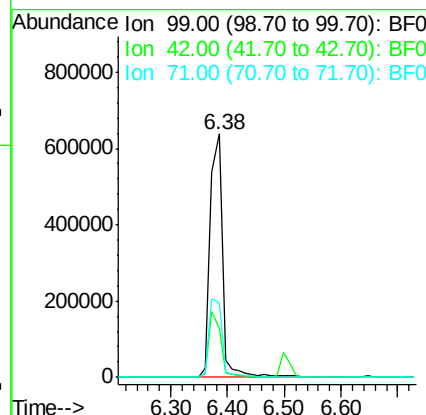
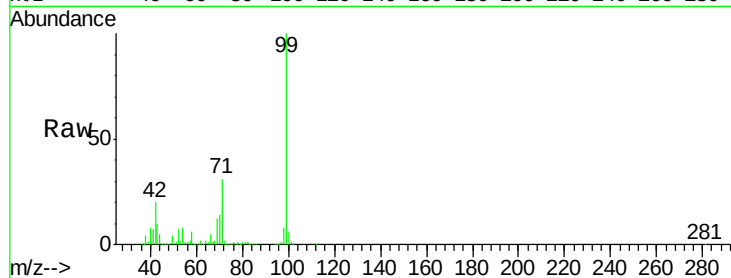
Tgt Ion: 99 Resp: 925975

Ion Ratio Lower Upper

99 100

42 20.3 13.6 20.4

71 30.8 24.6 36.8



#19

n-Nitroso-di-n-propylamine

Concen: 7.81 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.14 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

Tgt Ion: 70 Resp: 70580

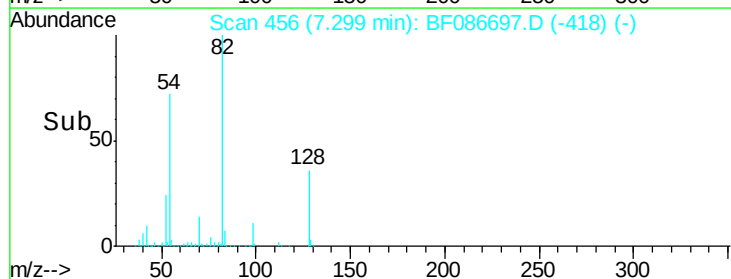
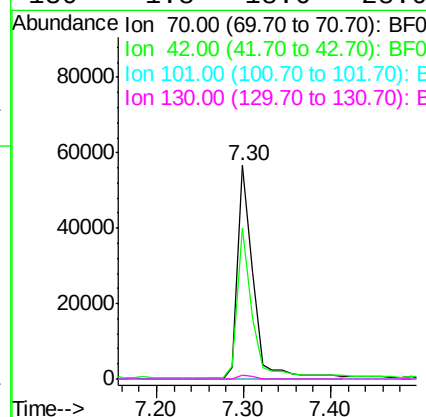
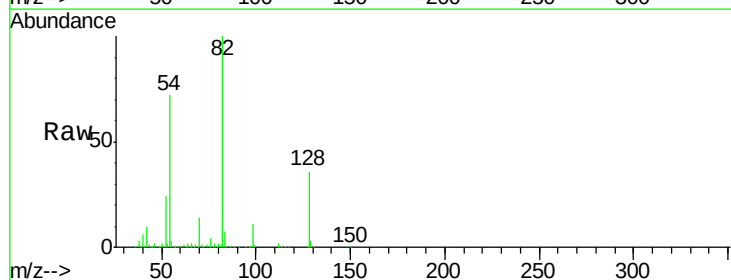
Ion Ratio Lower Upper

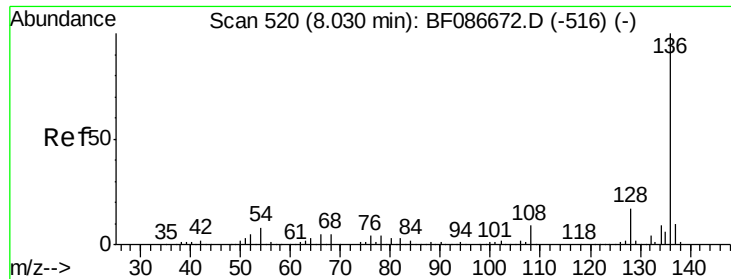
70 100

42 70.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

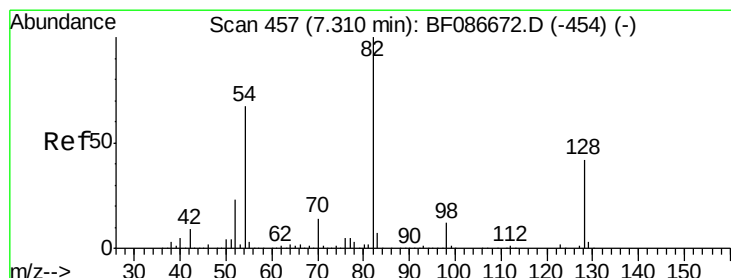
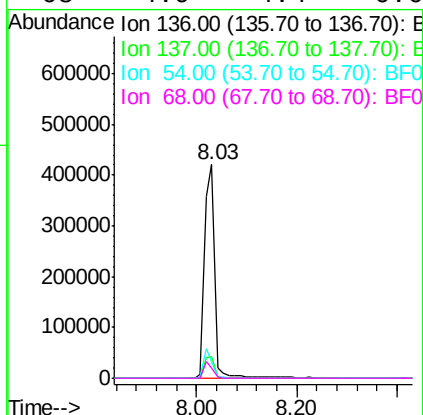
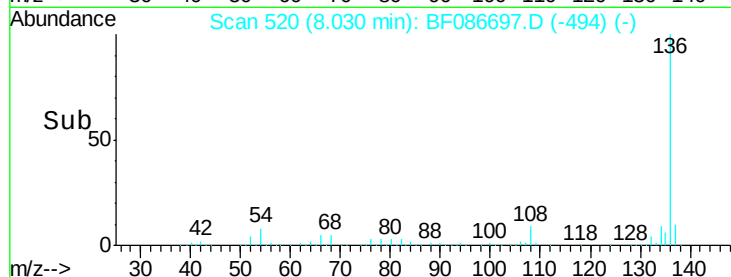
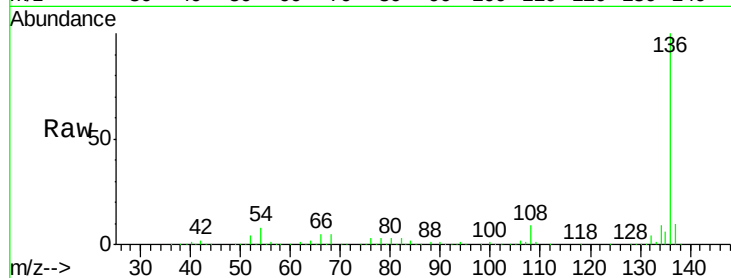




#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF086697.D
Acq: 5 May 2016 00:56

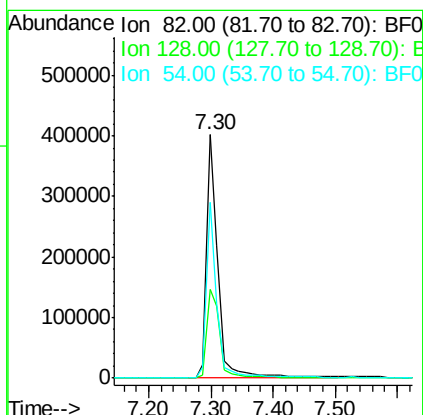
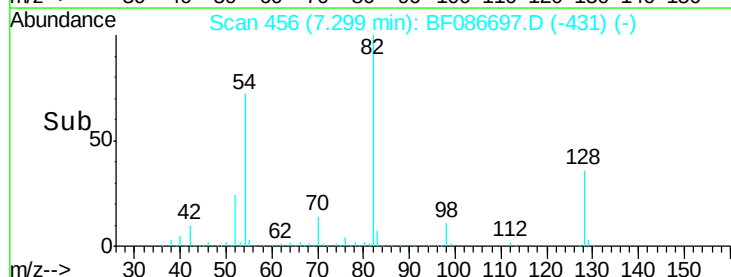
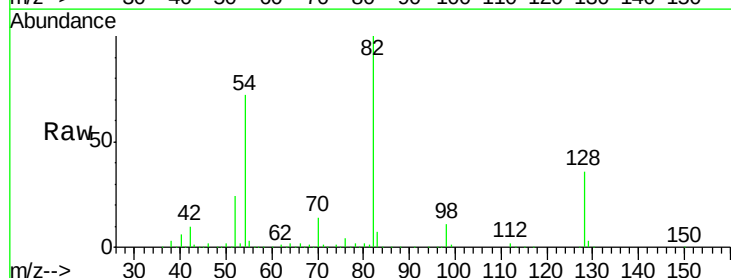
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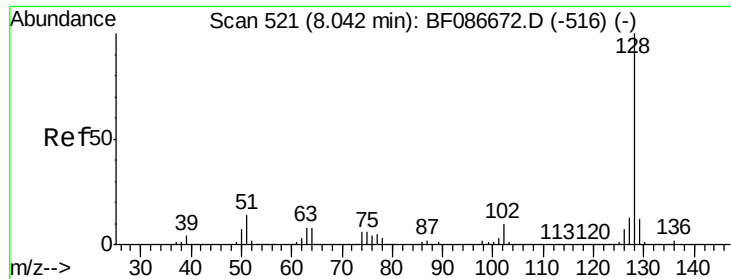
Tgt Ion:	136	Resp:	590713
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.9	5.0	7.4#
68	4.9	4.4	6.6



#23
Nitrobenzene-d5
Concen: 44.89 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086697.D
Acq: 5 May 2016 00:56

Tgt Ion:	82	Resp:	516036
Ion	Ratio	Lower	Upper
82	100		
128	36.5	40.6	61.0#
54	72.5	38.1	57.1#

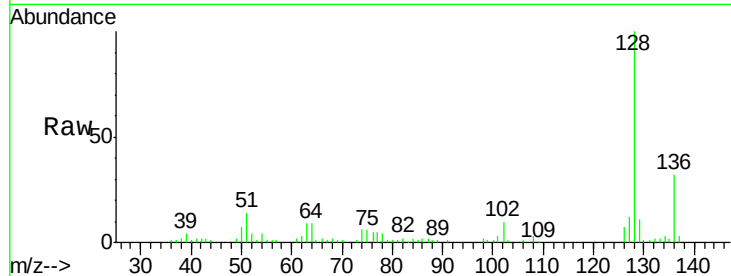




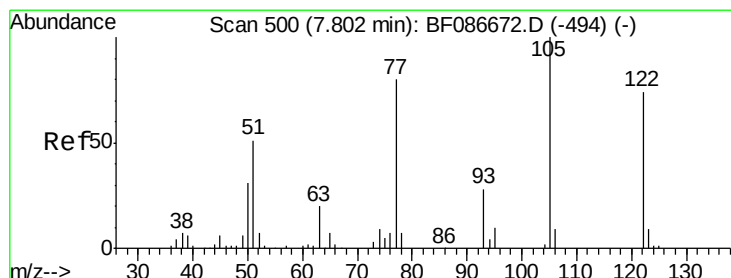
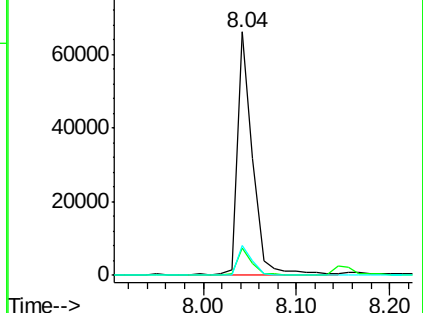
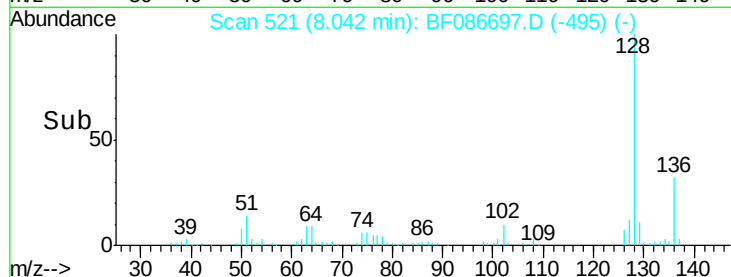
#31
Naphthalene
Concen: 2.51 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF086697.D
Acq: 5 May 2016 00:56

Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-1(0-12FTBGS)

Tgt Ion:128 Resp: 75853
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.4 10.8 16.2

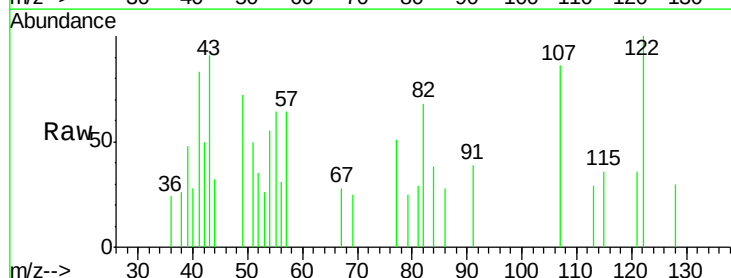


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

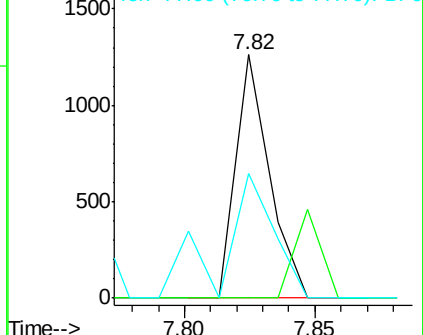
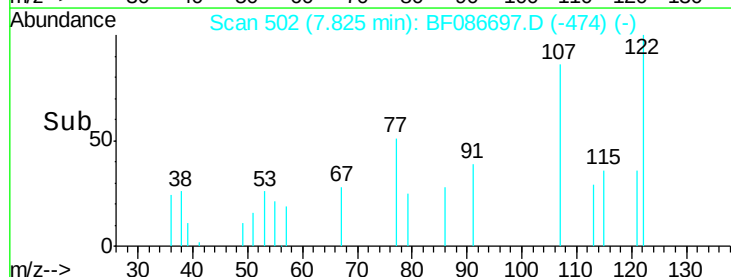


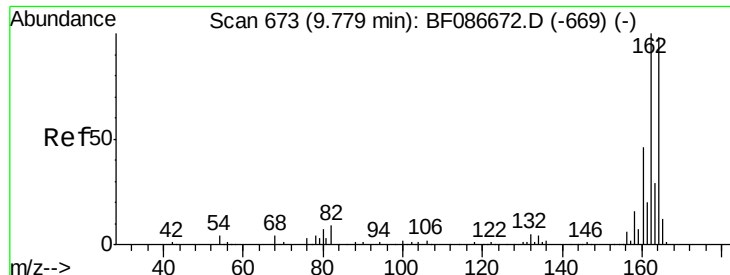
#32
Benzoic acid
Concen: 8.67 ng
RT: 7.82 min Scan# 502
Delta R.T. 0.02 min
Lab File: BF086697.D
Acq: 5 May 2016 00:56

Tgt Ion:122 Resp: 1137
Ion Ratio Lower Upper
122 100
105 0.0 92.6 132.6#
77 51.1 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

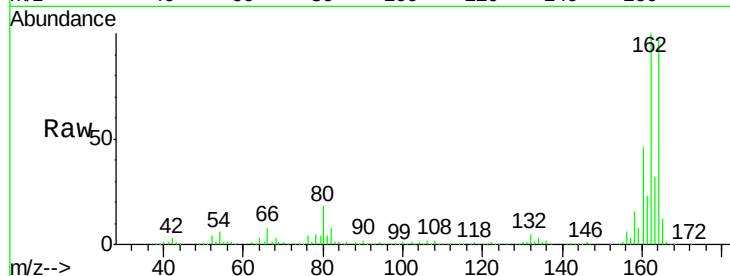




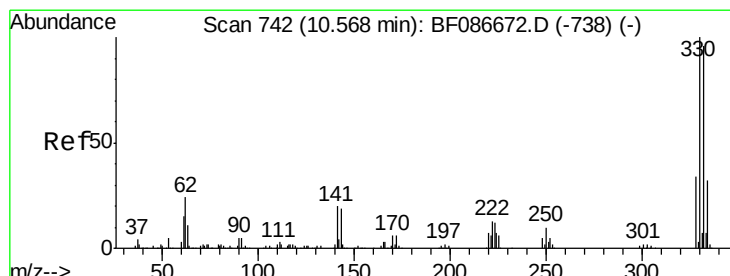
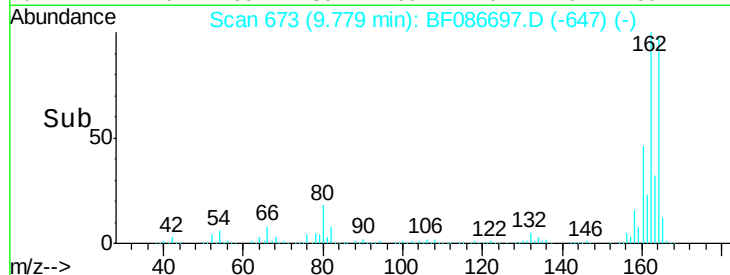
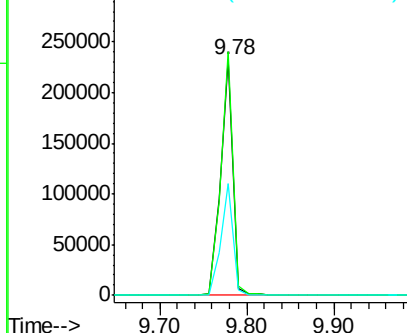
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF086697.D
 Acq: 5 May 2016 00:56

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Tgt Ion:164 Resp: 235314
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.8 124.2
 160 47.3 36.9 55.3

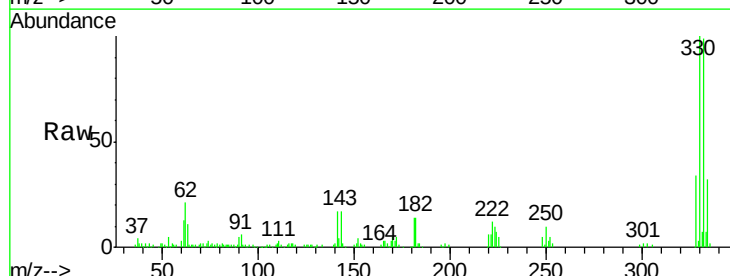


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

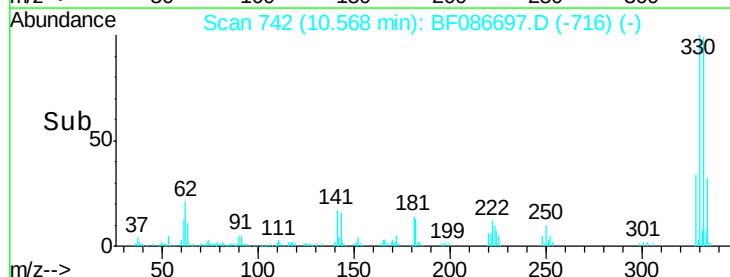
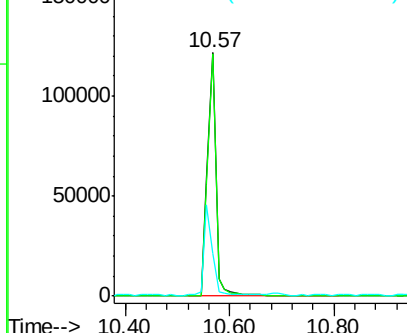


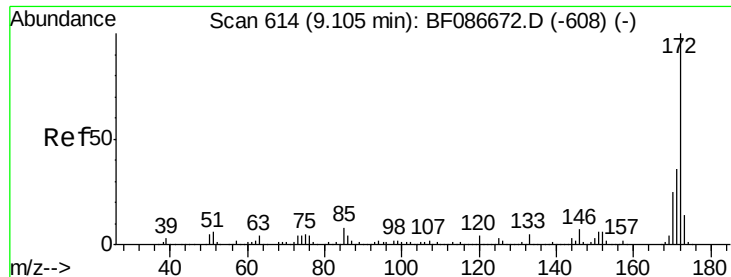
#41
 2,4,6-Tribromophenol
 Concen: 60.70 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086697.D
 Acq: 5 May 2016 00:56

Tgt Ion:330 Resp: 139721
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 36.0 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

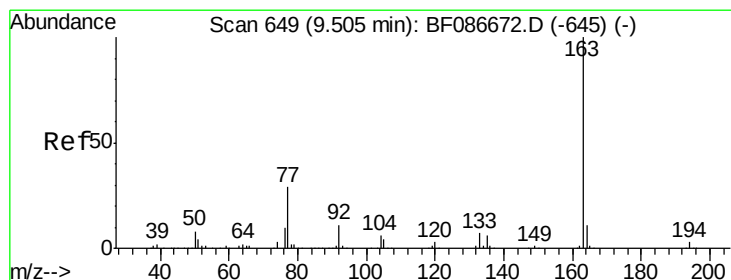
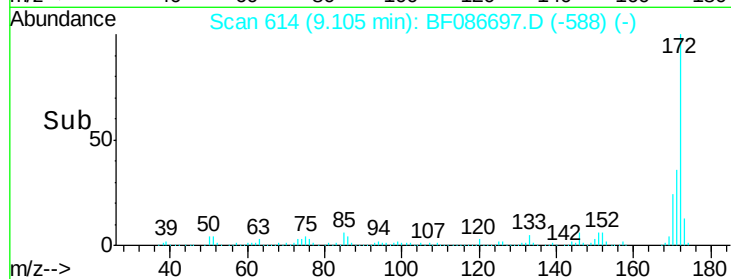
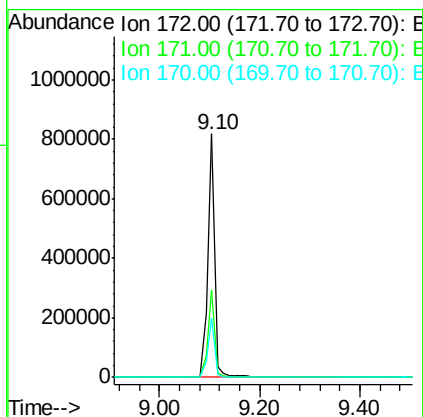
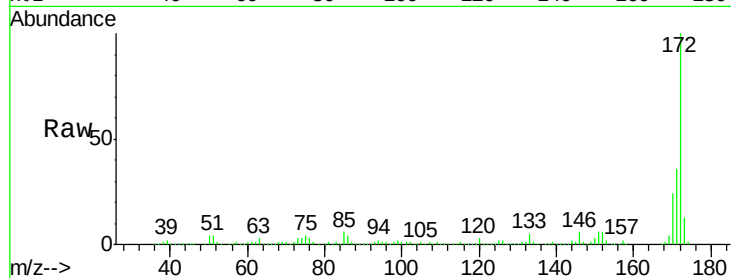




#44
 2-Fluorobiphenyl
 Concen: 54.22 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086697.D
 Acq: 5 May 2016 00:56

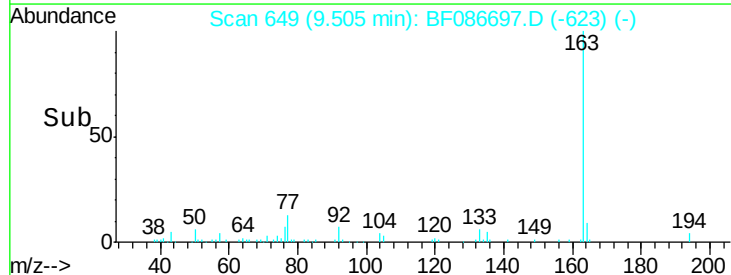
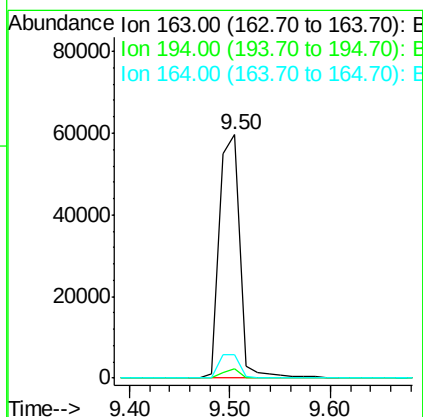
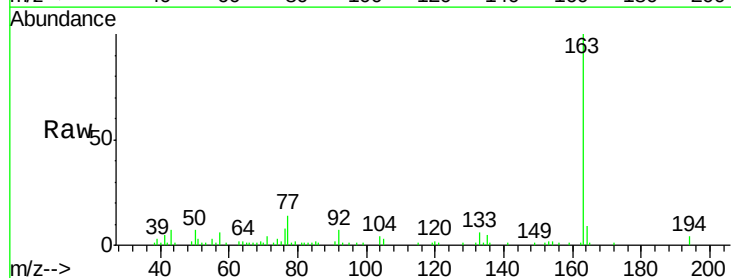
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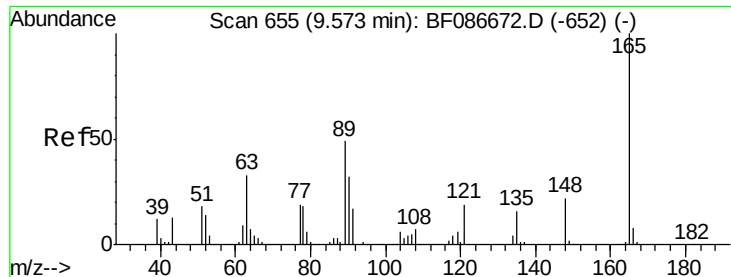
Tgt Ion:172 Resp: 778330
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.2 19.8 29.8



#49
 Dimethylphthalate
 Concen: 4.80 ng
 RT: 9.50 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF086697.D
 Acq: 5 May 2016 00:56

Tgt Ion:163 Resp: 84219
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.6 4.0
 164 9.4 8.2 12.4

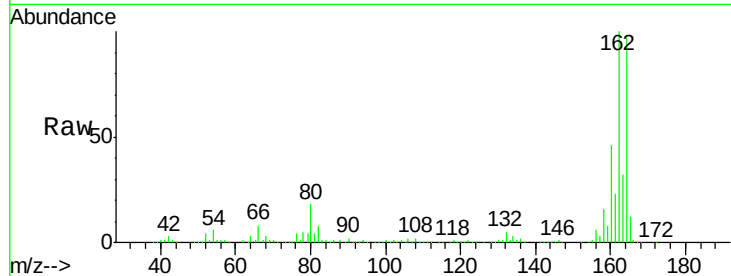




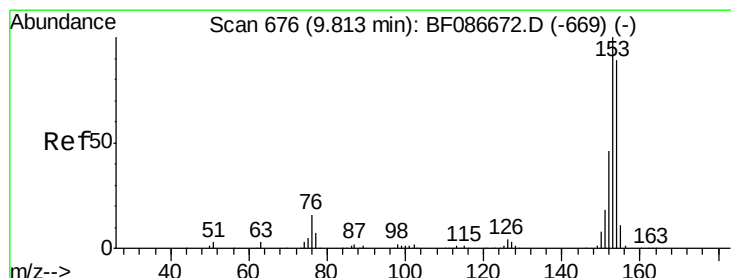
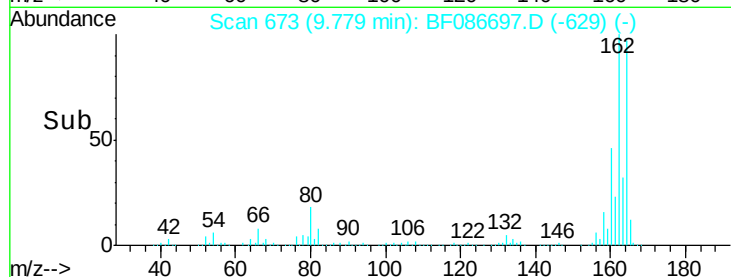
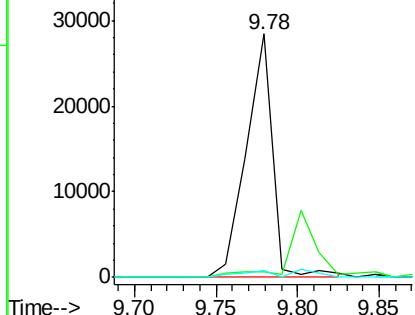
#50
 2,6-Dinitrotoluene
 Concen: 8.48 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.21 min
 Lab File: BF086697.D
 Acq: 5 May 2016 00:56

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-3-CS-1(0-12FTBGS)

Tgt Ion:165 Resp: 31922
 Ion Ratio Lower Upper
 165 100
 63 2.4 51.8 77.8#
 89 2.6 50.7 76.1#

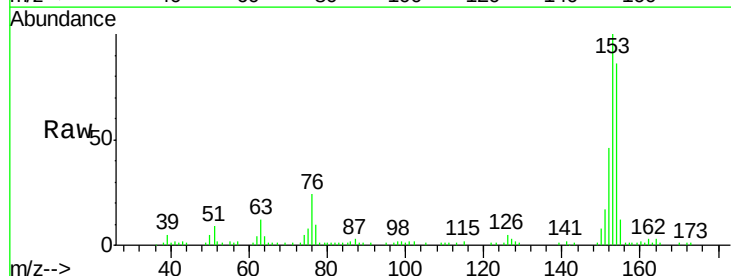


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

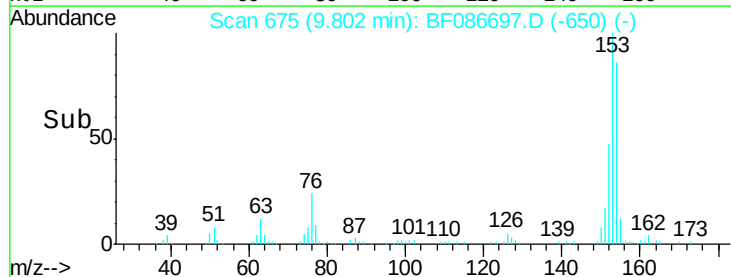
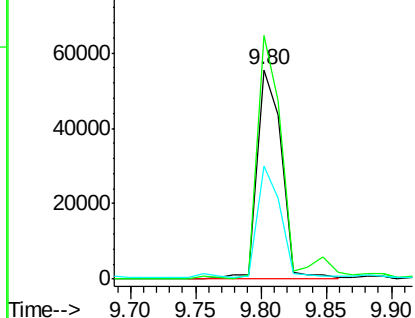


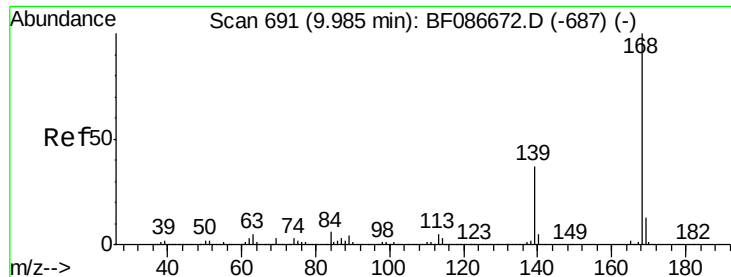
#51
 Acenaphthene
 Concen: 5.01 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086697.D
 Acq: 5 May 2016 00:56

Tgt Ion:154 Resp: 72772
 Ion Ratio Lower Upper
 154 100
 153 116.3 89.8 134.6
 152 54.0 43.4 65.0



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

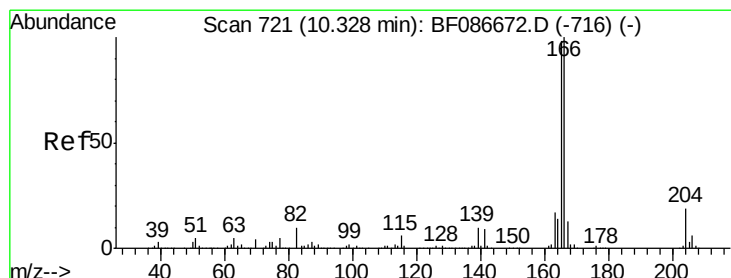
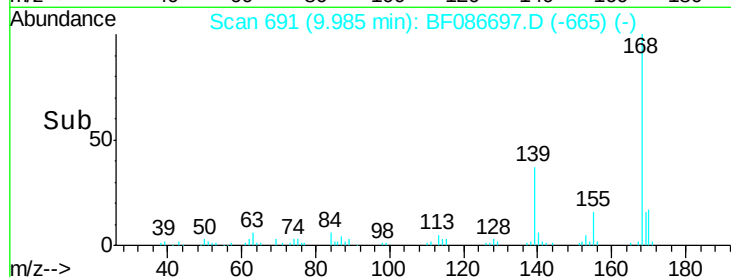
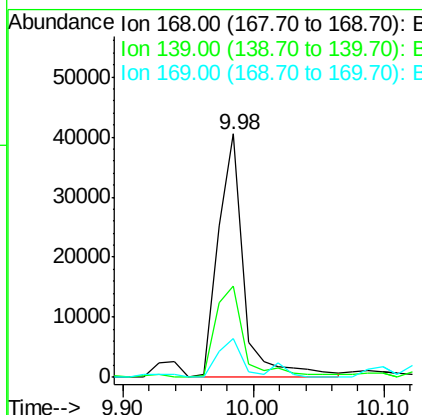
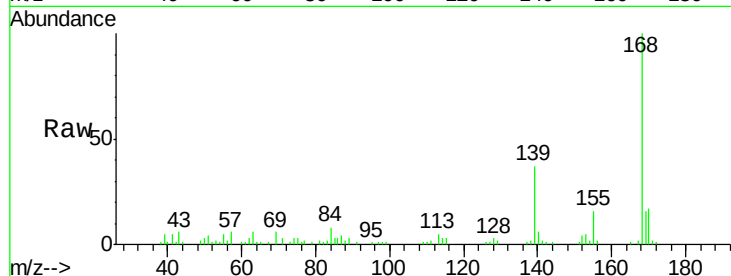




#54
Dibenzenofuran
Concen: 3.08 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086697.D
Acq: 5 May 2016 00:56

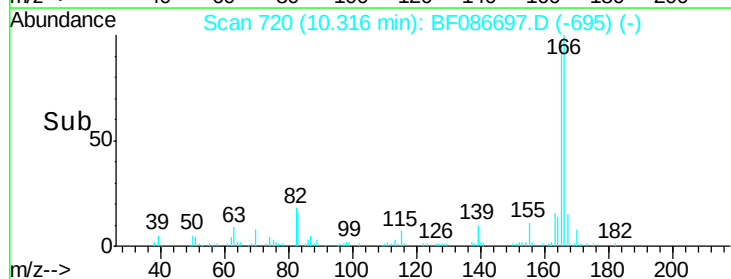
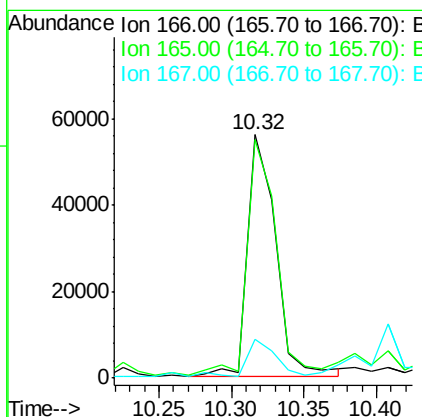
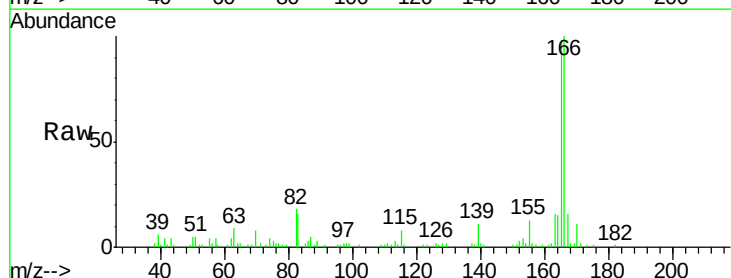
Instrument :
BNA_F
ClientSampleId :
26WARD-3-CS-1(0-12FTBGS)

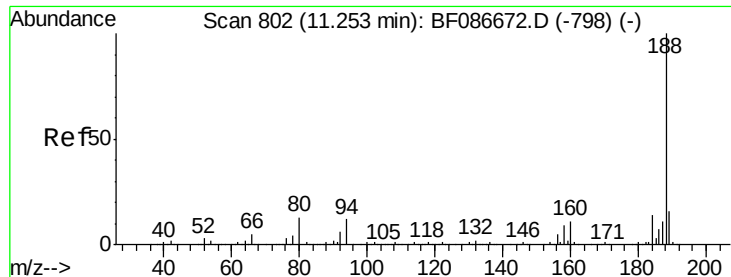
Tgt Ion:168 Resp: 55579
Ion Ratio Lower Upper
168 100
139 37.3 31.4 47.0
169 15.9 10.7 16.1



#57
Fluorene
Concen: 5.22 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF086697.D
Acq: 5 May 2016 00:56

Tgt Ion:166 Resp: 76209
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.6
167 16.1 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: BF086697.D

Acq: 5 May 2016 00:56

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

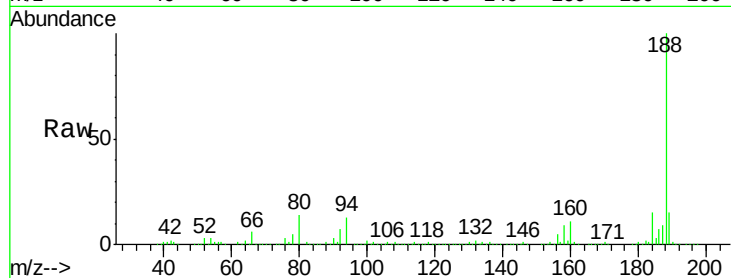
Tgt Ion:188 Resp: 370346

Ion Ratio Lower Upper

188 100

94 13.0 6.8 10.2#

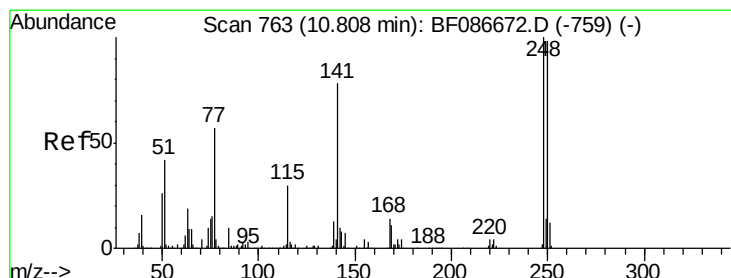
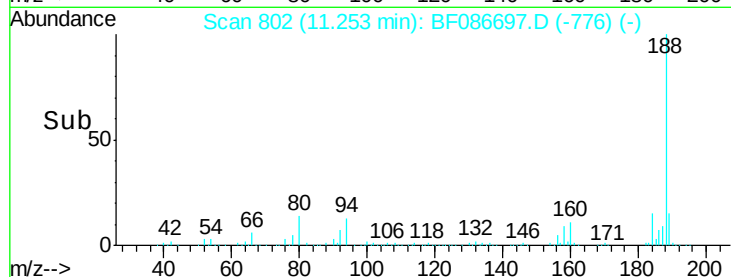
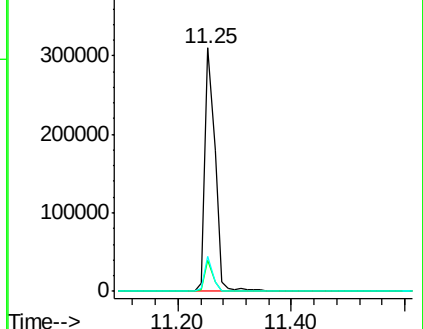
80 14.5 7.1 10.7#



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



#66

4-Bromophenyl-phenylether

Concen: 2.15 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.24 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

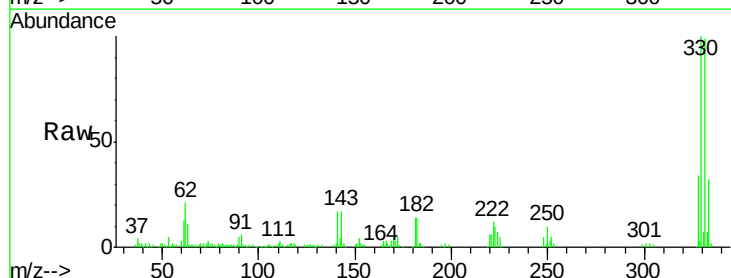
Tgt Ion:248 Resp: 7900

Ion Ratio Lower Upper

248 100

250 202.3 78.6 117.8#

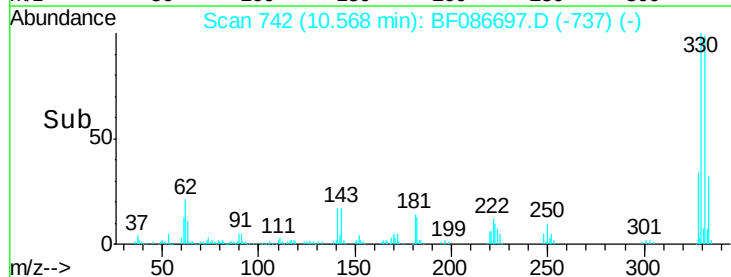
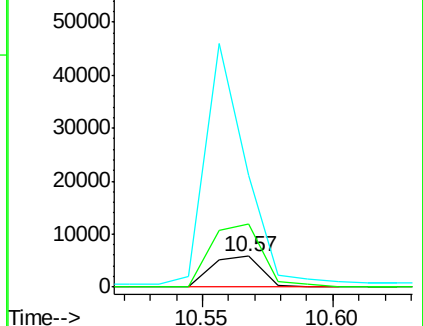
141 360.4 76.0 114.0#

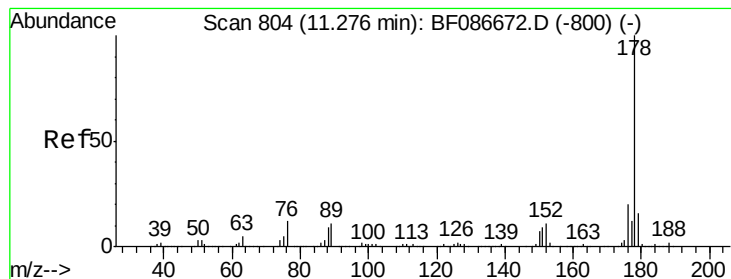


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 52.79 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

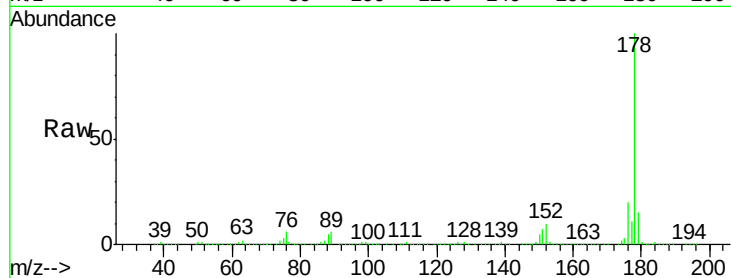
Tgt Ion:178 Resp: 1050203

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

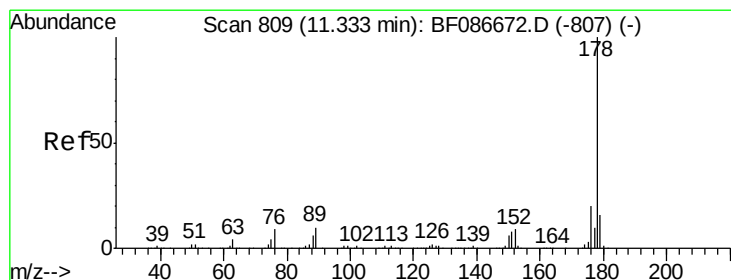
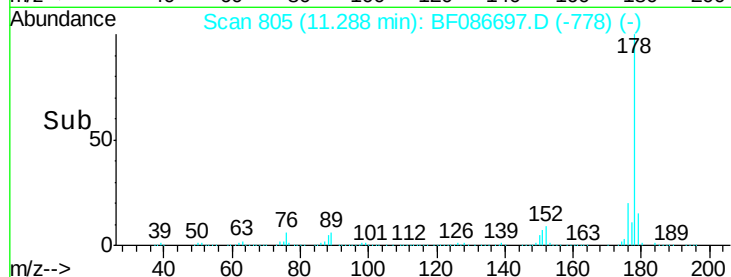
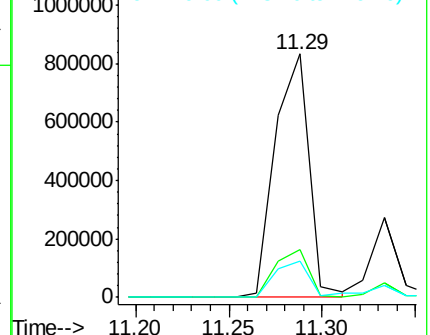
179 15.1 12.6 18.8



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: 13.74 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

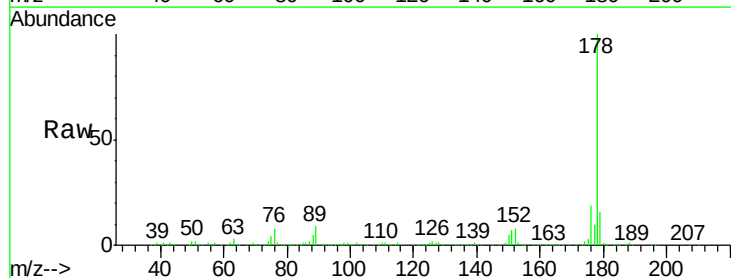
Tgt Ion:178 Resp: 286204

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

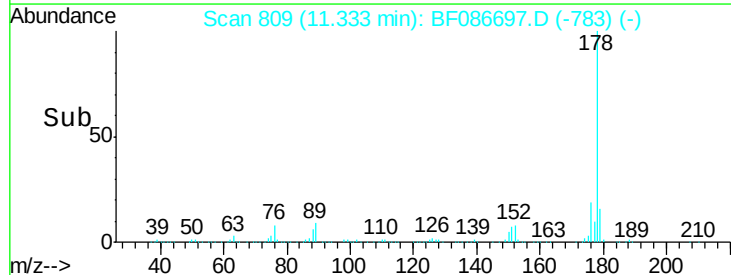
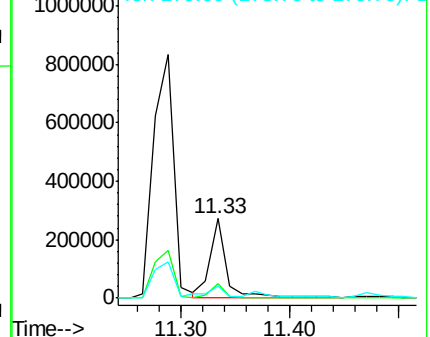
179 15.7 12.7 19.1

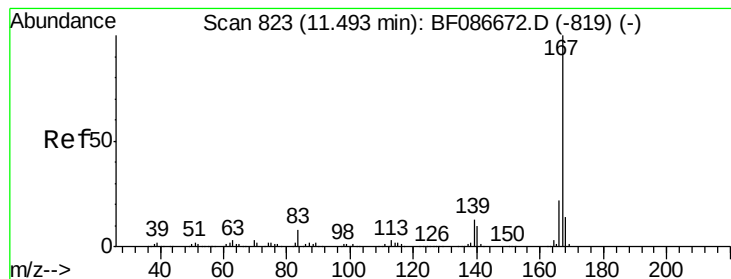


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 6.51 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

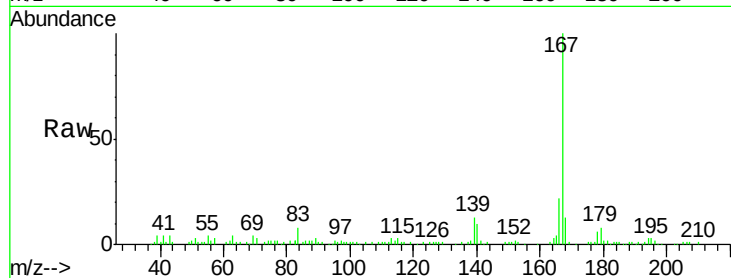
Tgt Ion:167 Resp: 117842

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

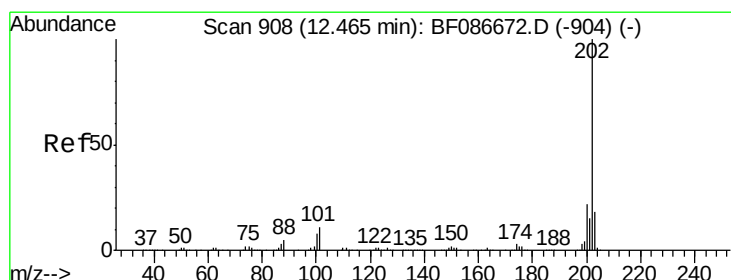
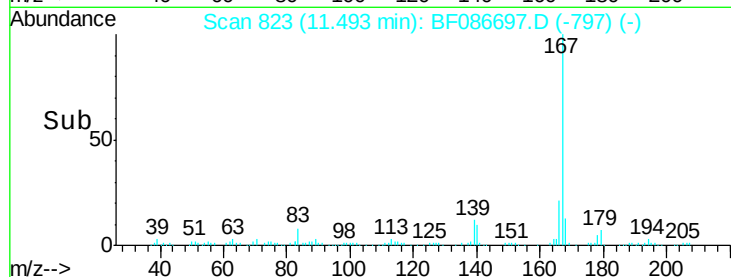
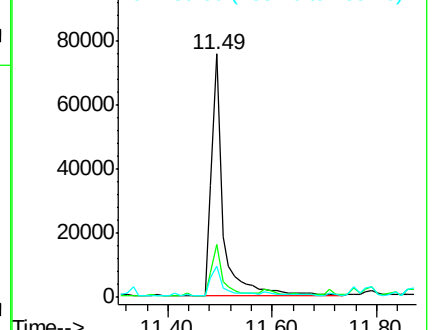
139 13.0 10.8 16.2



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: 72.31 ng

RT: 12.46 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

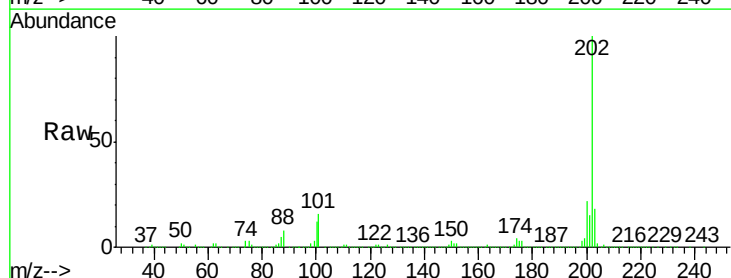
Tgt Ion:202 Resp: 1441493

Ion Ratio Lower Upper

202 100

101 15.9 0.0 35.4

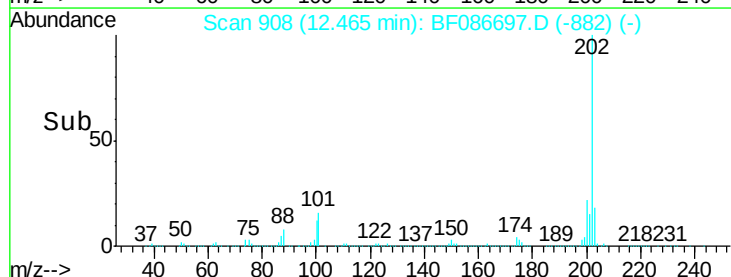
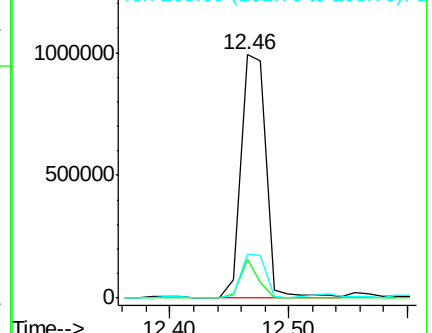
203 18.2 0.0 38.1

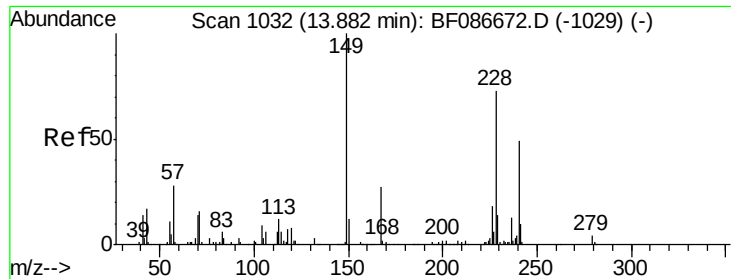


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086697.D

Acq: 5 May 2016 00:56

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

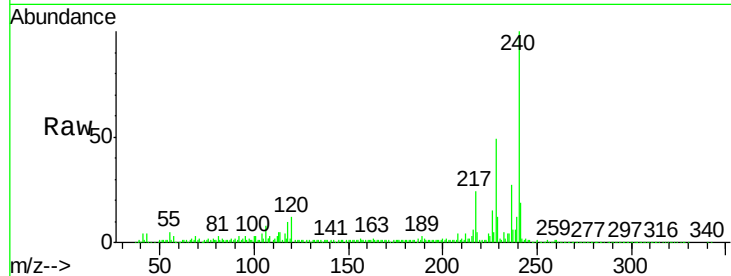
Tgt Ion:240 Resp: 347333

Ion Ratio Lower Upper

240 100

120 11.7 11.2 16.8

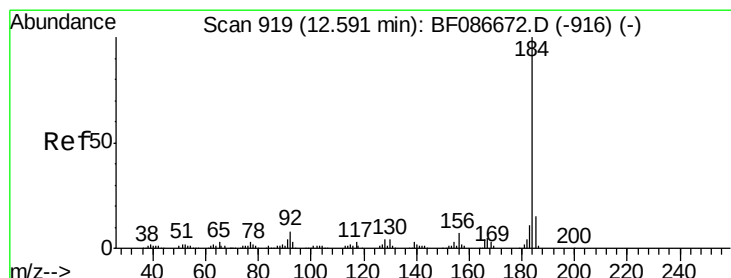
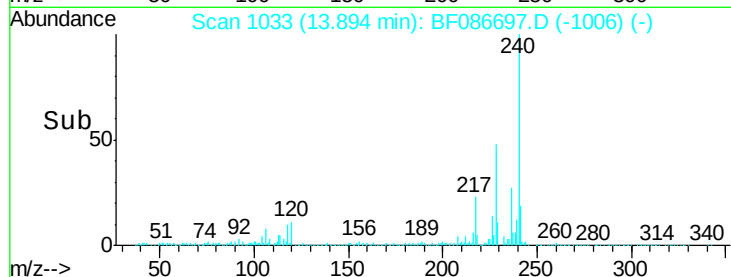
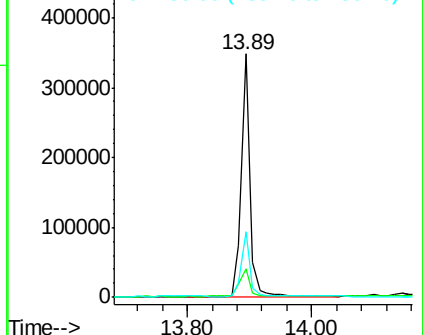
236 27.2 21.2 31.8



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: 7.13 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

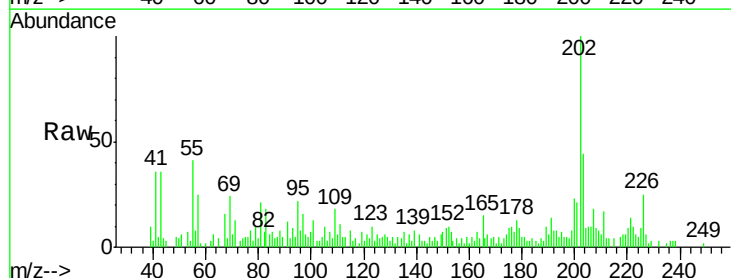
Tgt Ion:184 Resp: 396

Ion Ratio Lower Upper

184 100

185 91.6 13.6 20.4#

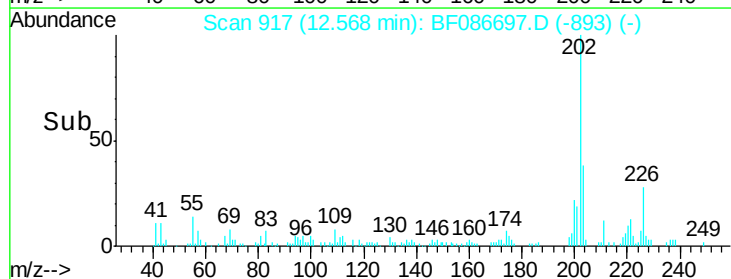
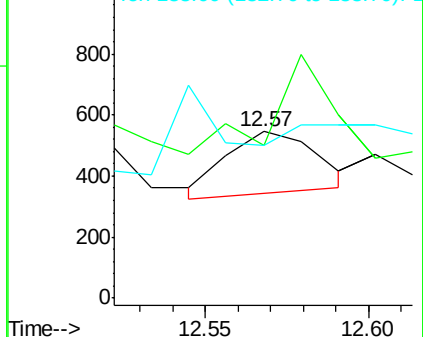
183 91.6 9.8 14.6#

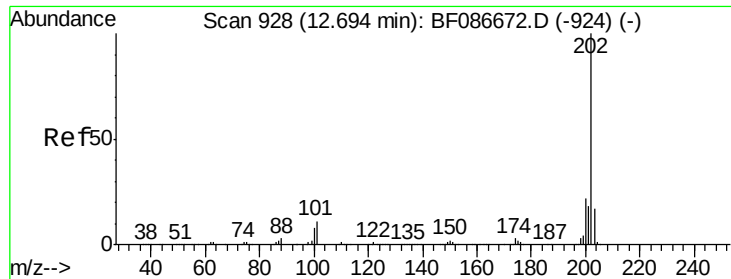


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.82 ng

RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

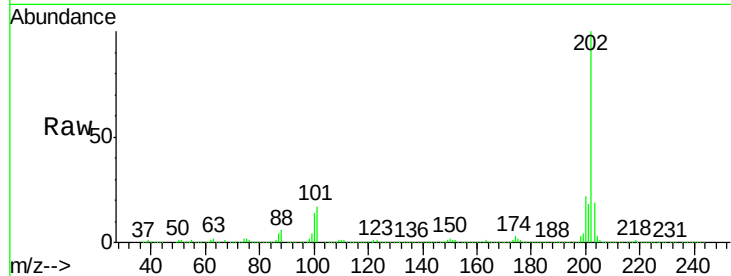
Tgt Ion:202 Resp: 1296370

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

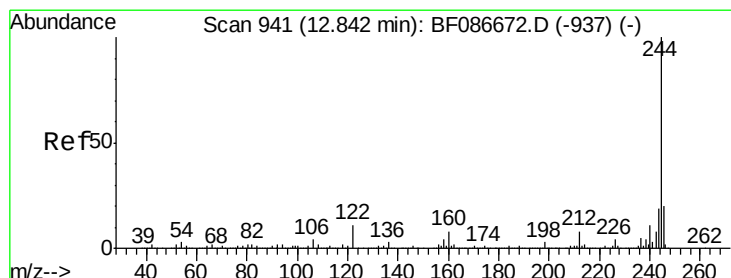
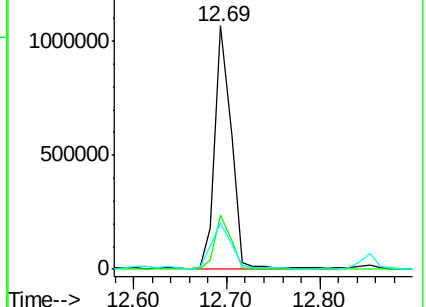
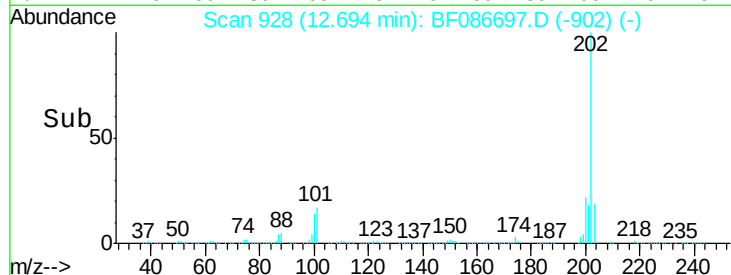
203 19.3 14.2 21.4



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: 32.95 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

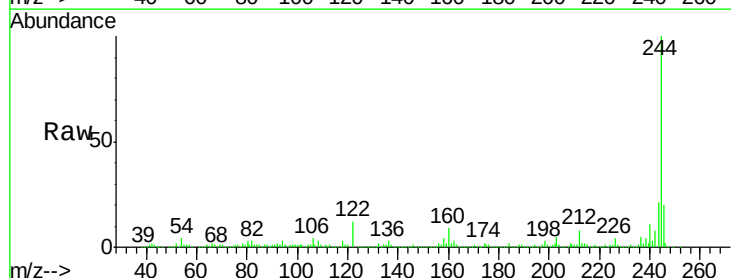
Tgt Ion:244 Resp: 566287

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

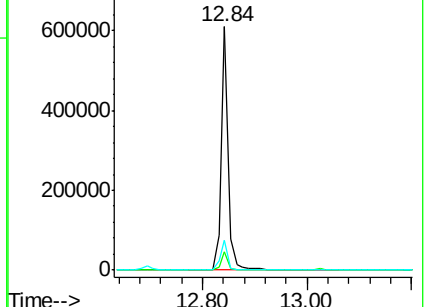
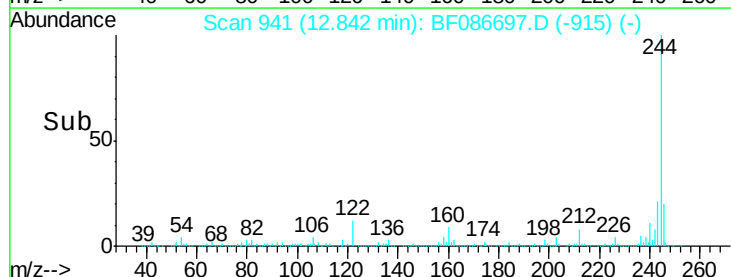
122 12.4 12.0 18.0

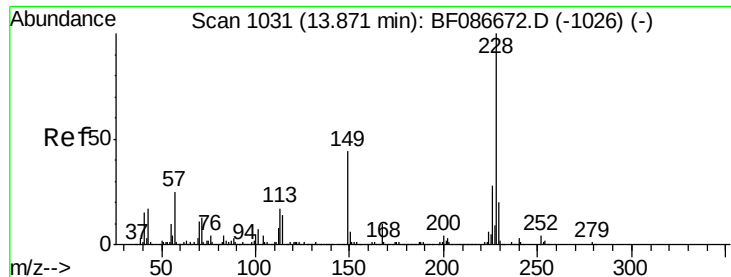


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 37.55 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

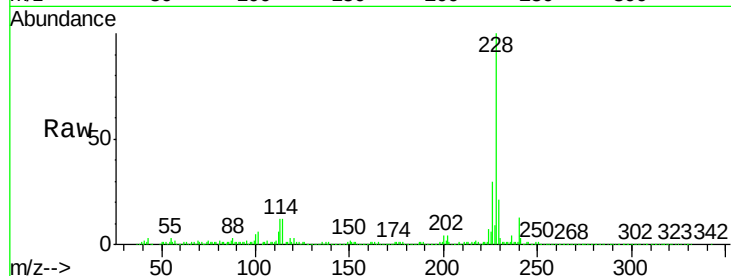
Tgt Ion:228 Resp: 737546

Ion Ratio Lower Upper

228 100

226 29.6 22.5 33.7

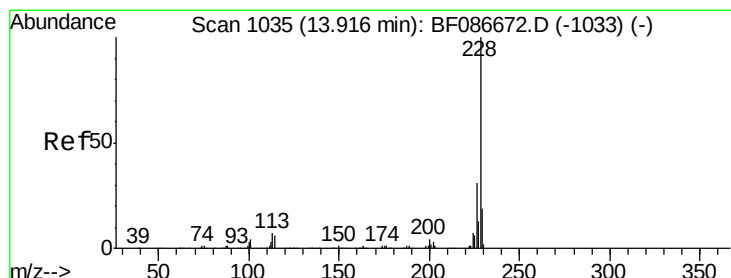
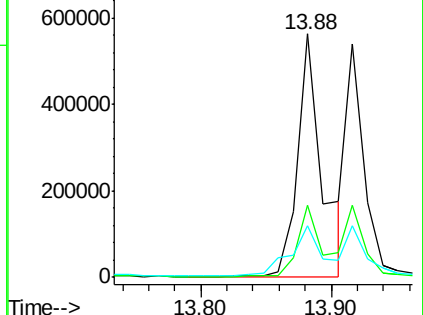
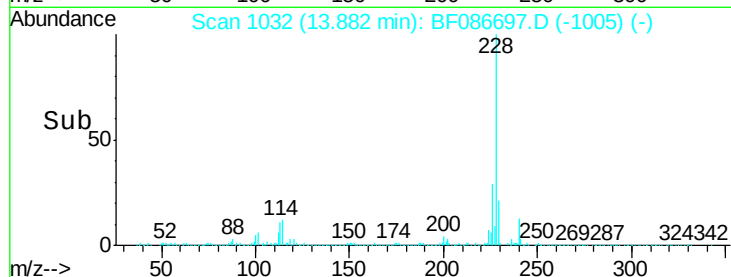
229 21.4 16.6 25.0



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: 24.92 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

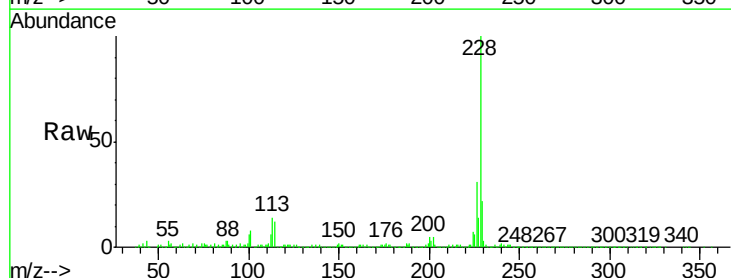
Tgt Ion:228 Resp: 522335

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

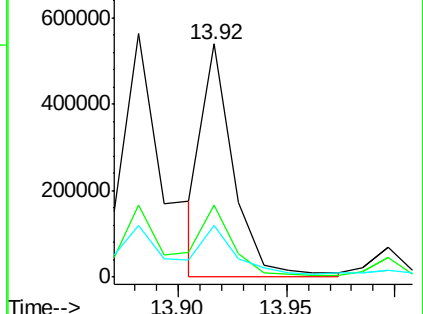
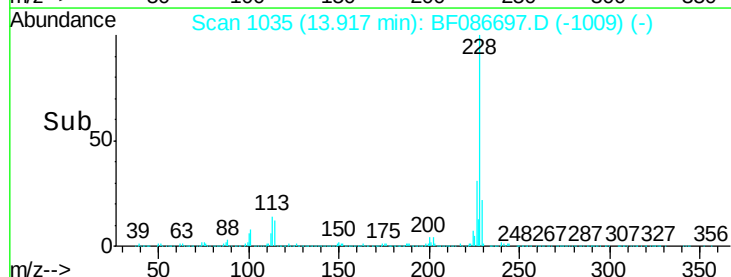
229 22.3 15.8 23.8

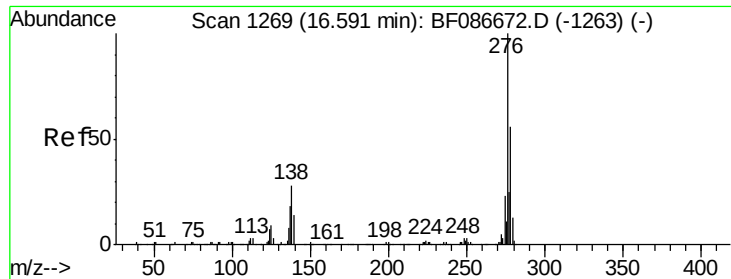


Abundance Ion 228.00 (227.70 to 228.70): E

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: 11.68 ng

RT: 16.61 min Scan# 1271

Delta R.T. 0.02 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

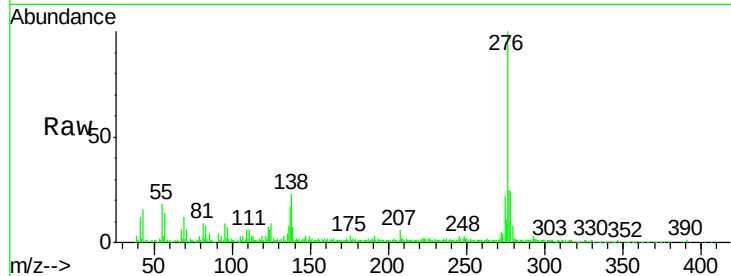
Tgt Ion:276 Resp: 209970

Ion Ratio Lower Upper

276 100

138 26.3 25.6 38.4

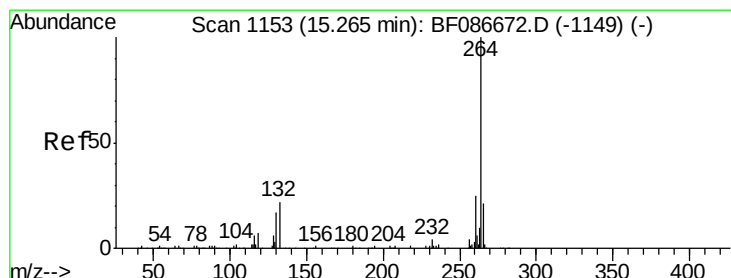
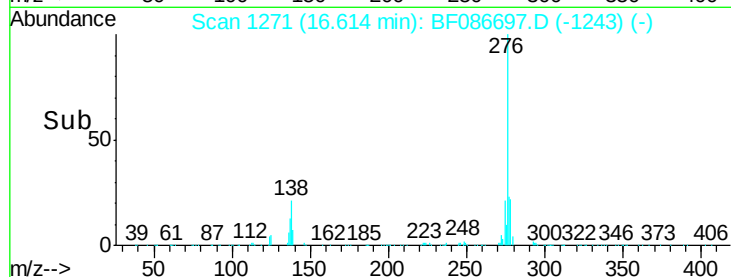
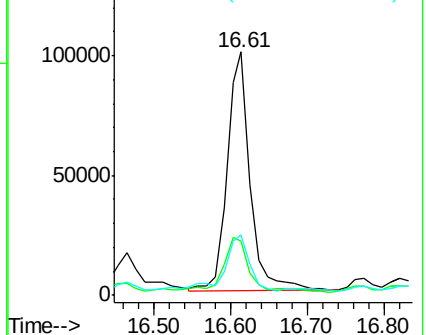
277 25.5 20.5 30.7



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: 15.29 min Scan# 1155

Delta R.T. 0.02 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

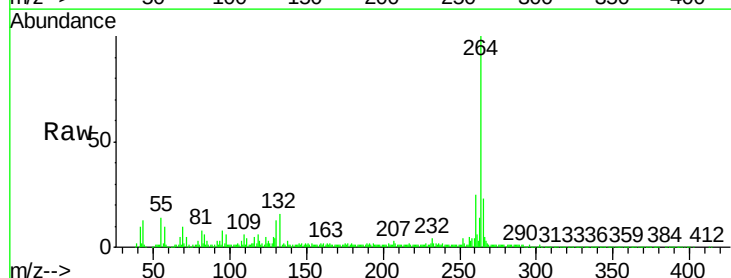
Tgt Ion:264 Resp: 251762

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

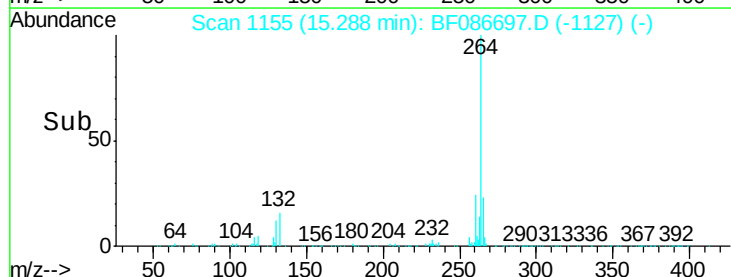
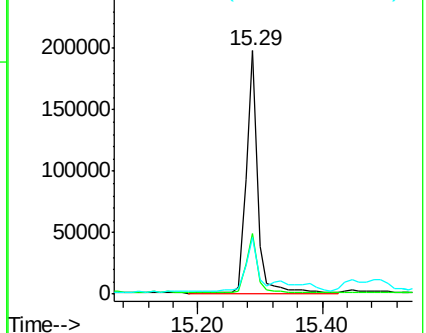
265 23.4 17.3 25.9

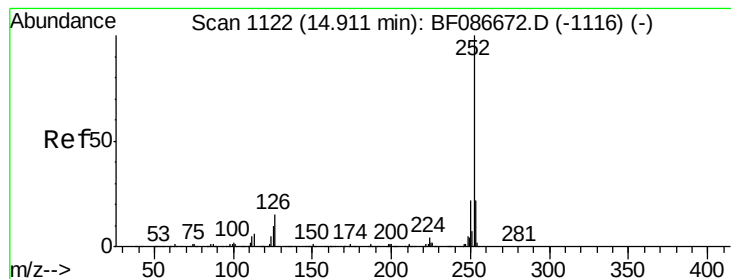


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 52.10 ng

RT: 14.90 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

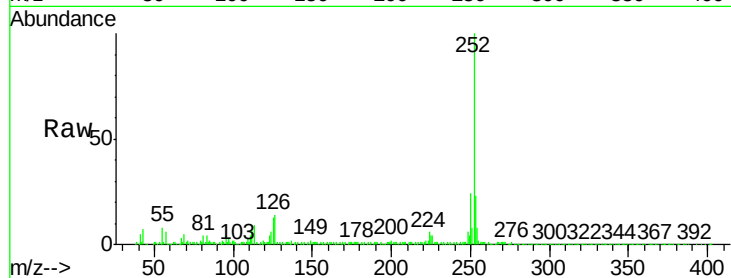
Tgt Ion:252 Resp: 788109

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

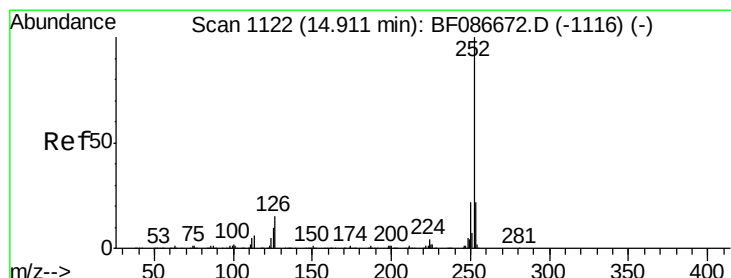
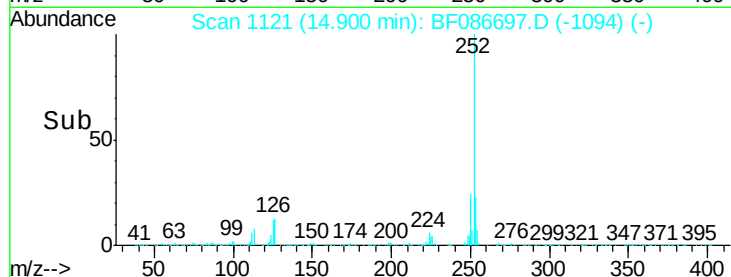
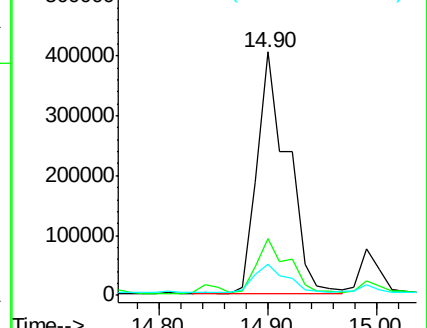
125 13.0 11.4 17.0



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



#88

Benzo(k)fluoranthene

Concen: 55.29 ng

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

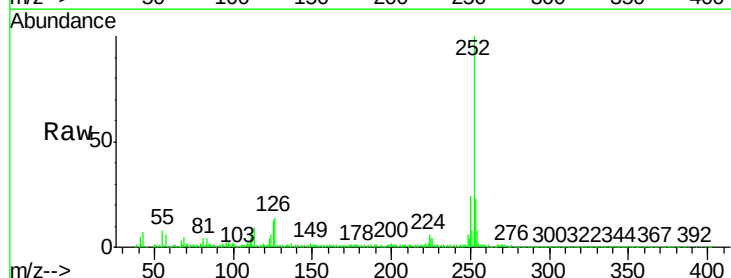
Tgt Ion:252 Resp: 788109

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

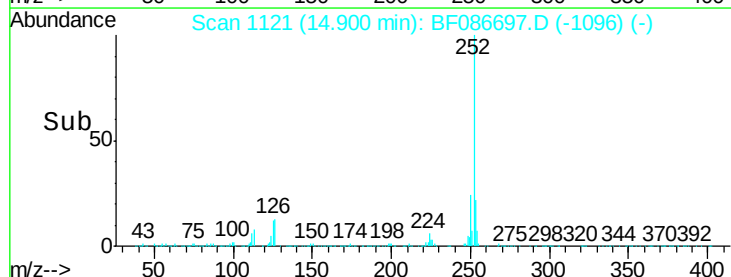
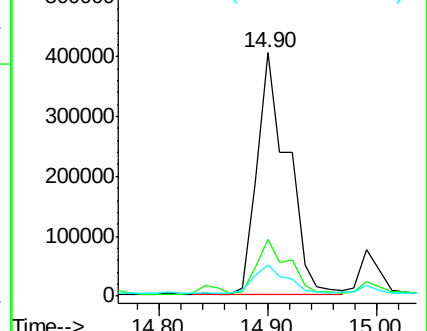
125 13.0 9.1 13.7

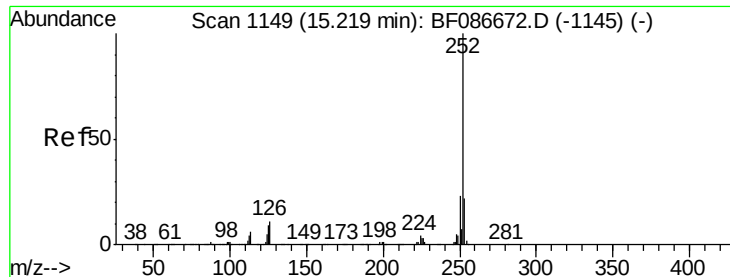


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 28.82 ng

RT: 15.23 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)

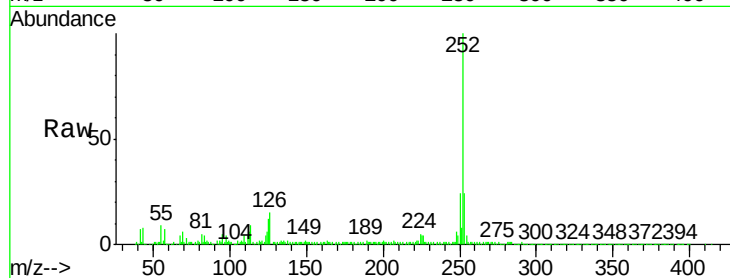
Tgt Ion:252 Resp: 401609

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

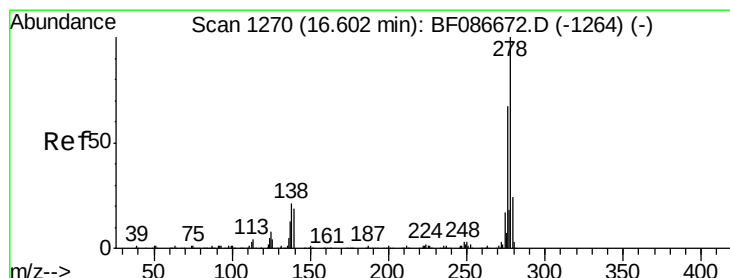
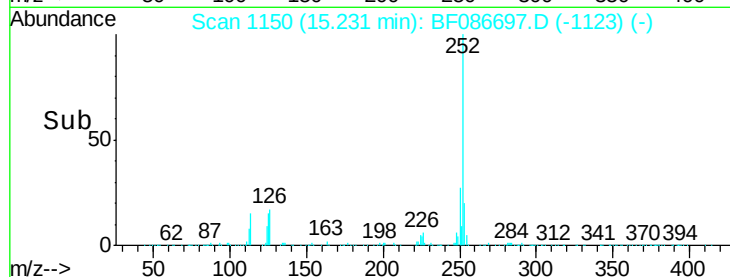
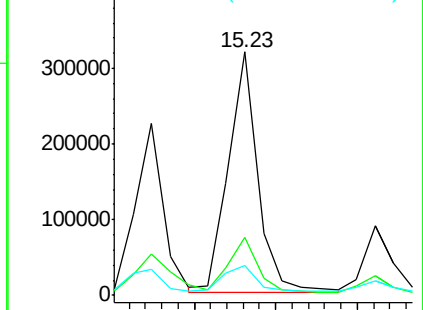
125 12.4 9.0 13.6



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



#90

Dibenzo(a,h)anthracene

Concen: 3.61 ng

RT: 16.61 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF086697.D

Acq: 5 May 2016 00:56

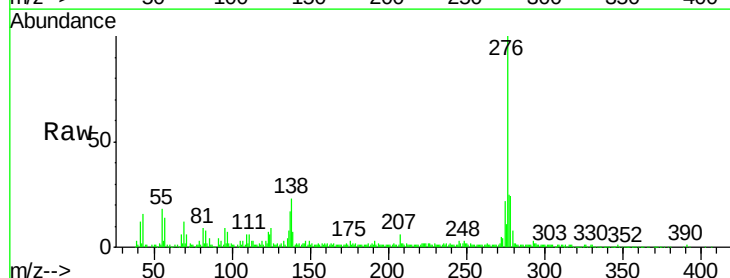
Tgt Ion:278 Resp: 48311

Ion Ratio Lower Upper

278 100

139 27.4 16.6 24.8#

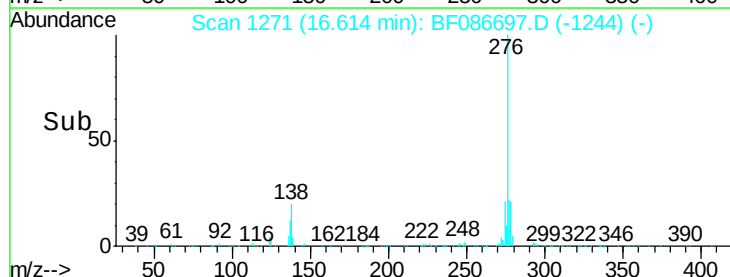
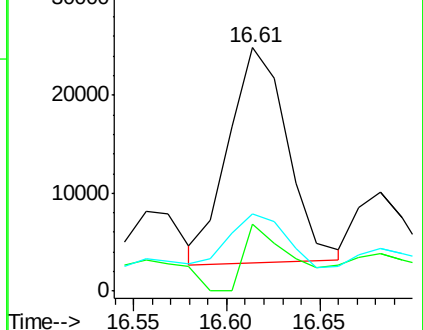
279 31.8 19.6 29.4#

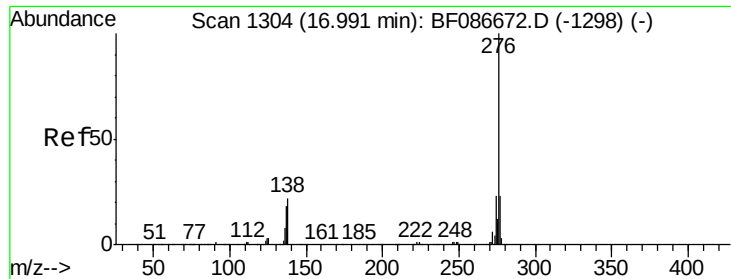


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 13.83 ng

RT: 17.00 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF086697.D

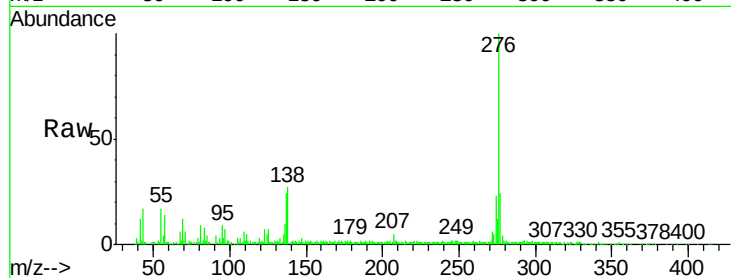
Acq: 5 May 2016 00:56

Instrument :

BNA_F

ClientSampleId :

26WARD-3-CS-1(0-12FTBGS)



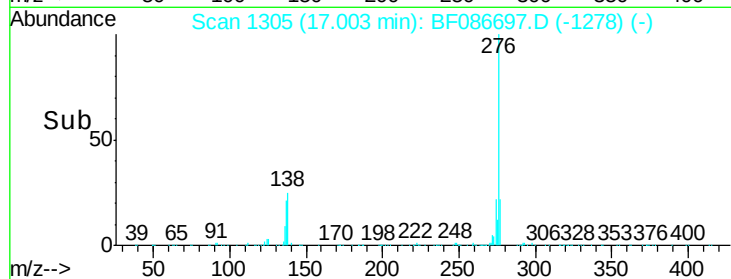
Tgt Ion: 276 Resp: 194385

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 26.6 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

120000

100000

80000

60000

40000

20000

0

17.00

16.90

17.10

Time-->