

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086115.D
 Acq On : 6 Apr 2016 23:24
 Operator : UM/SJ
 Sample : H2074-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-032916

Quant Time: Apr 07 01:15:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

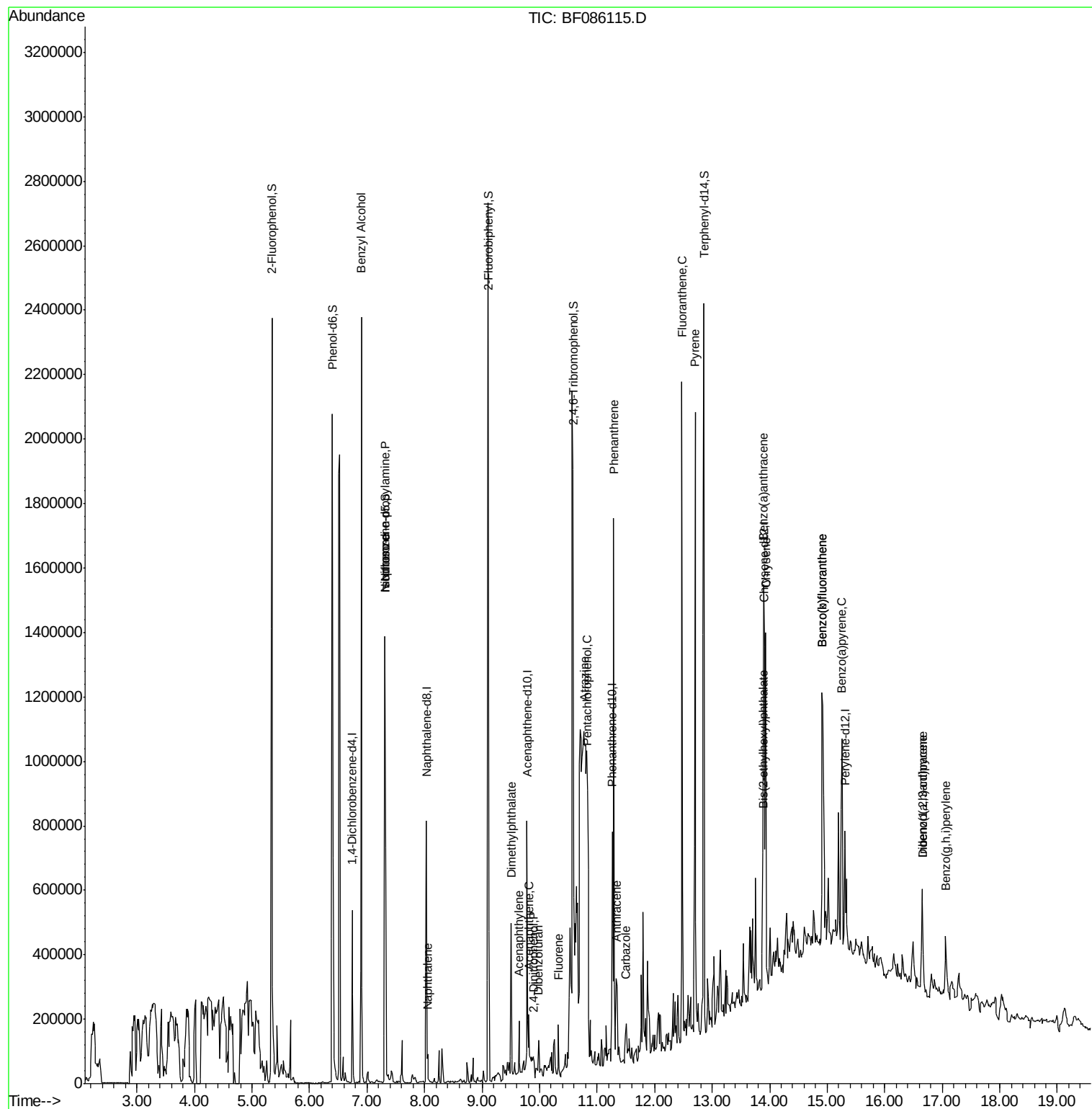
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	95054	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	349801	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	135627	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	247474	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	238279	20.00	ng	-0.02
86) Perylene-d12	15.31	264	184247	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	881729	158.56	ng	-0.02
7) Phenol-d6	6.40	99	944338	133.69	ng	-0.02
23) Nitrobenzene-d5	7.31	82	574440	96.84	ng	-0.03
41) 2,4,6-Tribromophenol	10.58	330	195044	153.22	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	812017	99.55	ng	-0.03
78) Terphenyl-d14	12.85	244	839339	82.80	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	6.90	79	11057	2.42	ng	# 48
19) n-Nitroso-di-n-propylamine	7.31	70	74761	17.08	ng	# 79
25) Isophorone	7.31	82	543985	46.46	ng	# 68
31) Naphthalene	8.05	128	40654	2.31	ng	98
48) Acenaphthylene	9.64	152	62449	4.60	ng	98
49) Dimethylphthalate	9.50	163	167265	16.64	ng	99
51) Acenaphthene	9.81	154	32718	4.05	ng	98
53) 2,4-Dinitrophenol	9.89	184	245	2.25	ng	# 7
54) Dibenzofuran	9.98	168	32849	3.08	ng	95
57) Fluorene	10.33	166	42893	4.71	ng	99
68) Atrazine	10.78	200	5906	2.36	ng	# 71
69) Pentachlorophenol	10.83	266	3801	3.10	ng	95
70) Phenanthrene	11.29	178	583104	43.19	ng	100
71) Anthracene	11.34	178	151749	10.73	ng	96
72) Carbazole	11.50	167	58101	4.78	ng	98
74) Fluoranthene	12.48	202	811134	57.76	ng	98
77) Pyrene	12.71	202	778431	46.36	ng	98
80) Benzo(a)anthracene	13.89	228	522056	37.17	ng	97
82) Chrysene	13.93	228	337743	24.96	ng	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	21073	2.10	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.66	276	186320	16.97	ng	93
87) Benzo(b)fluoranthene	14.91	252	632135	54.54	ng	96
88) Benzo(k)fluoranthene	14.91	252	632135	61.59	ng	# 94
89) Benzo(a)pyrene	15.25	252	322015	31.36	ng	96
90) Dibenzo(a,h)anthracene	16.66	278	52669	6.37	ng	# 87
91) Benzo(g,h,i)perylene	17.06	276	168845	21.12	ng	97

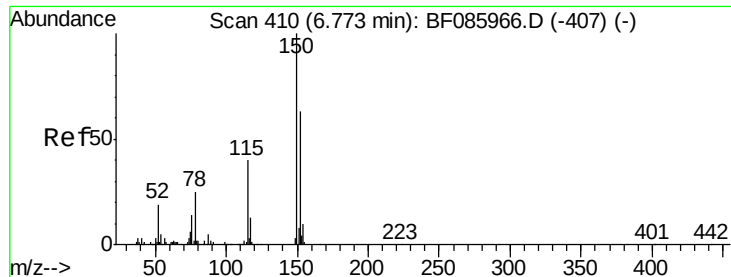
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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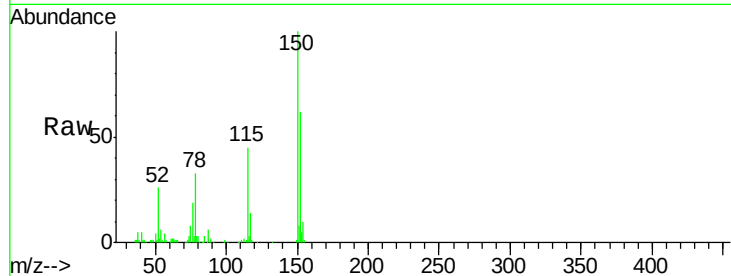


#1

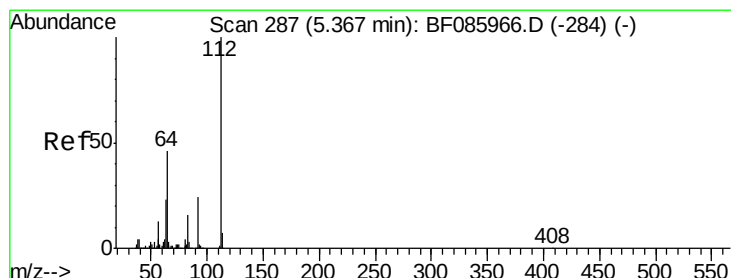
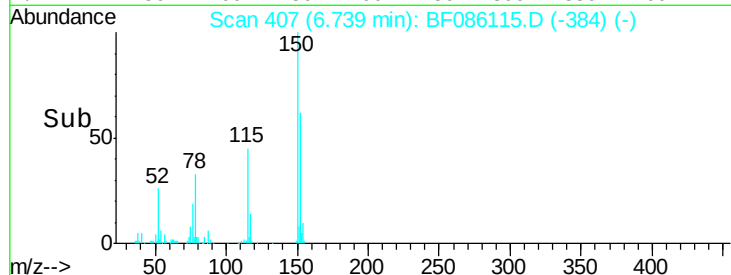
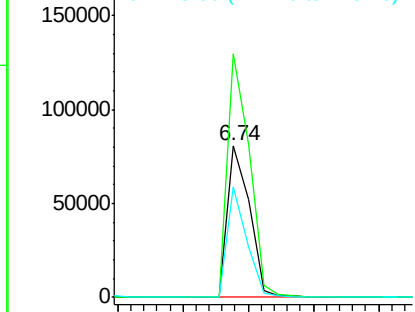
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:152 Resp: 95054
Ion Ratio Lower Upper
152 100
150 160.6 124.2 186.2
115 72.9 47.0 70.6#



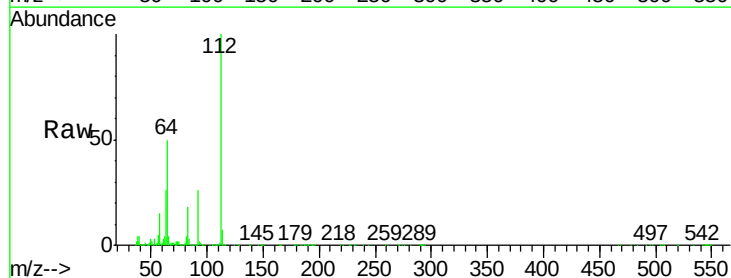
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



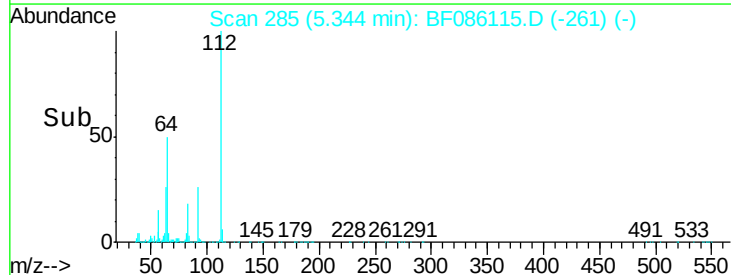
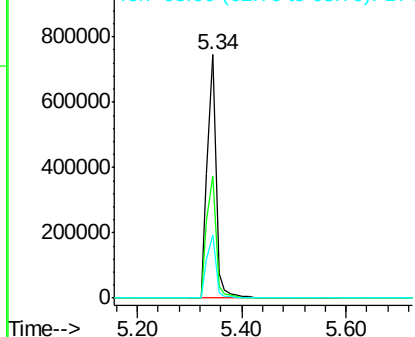
#5

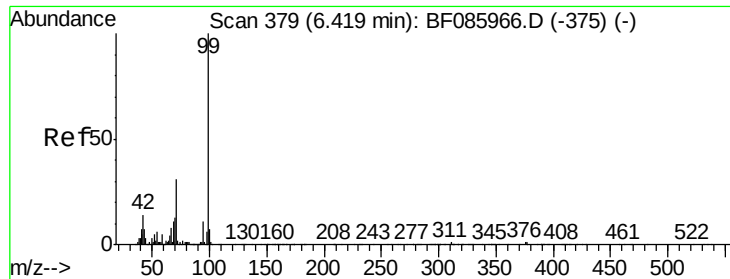
2-Fluorophenol
Concen: 158.56 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:112 Resp: 881729
Ion Ratio Lower Upper
112 100
64 50.2 39.9 59.9
63 25.9 20.2 30.2



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





#7

Phenol-d6

Concen: 133.69 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

Instrument :

BNA_F

ClientSampleId :

DUP-032916

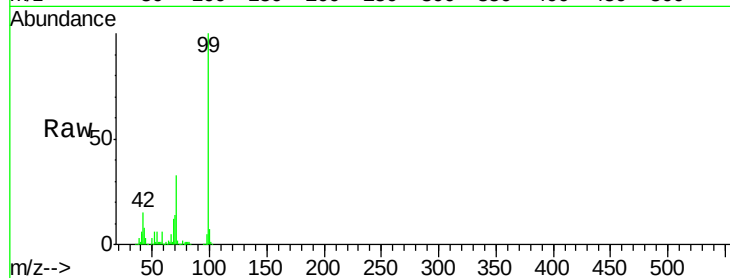
Tgt Ion: 99 Resp: 944338

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

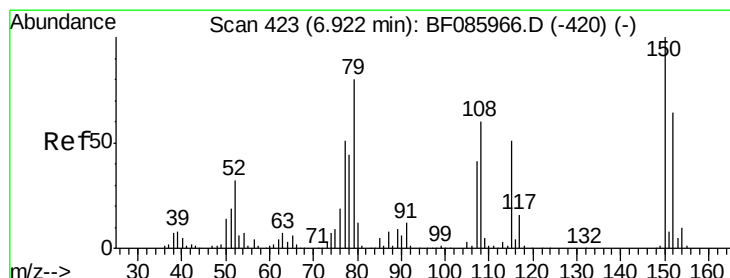
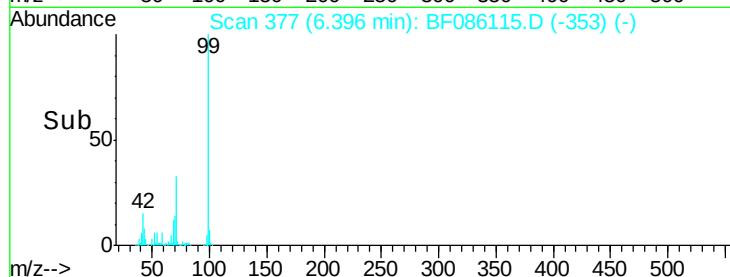
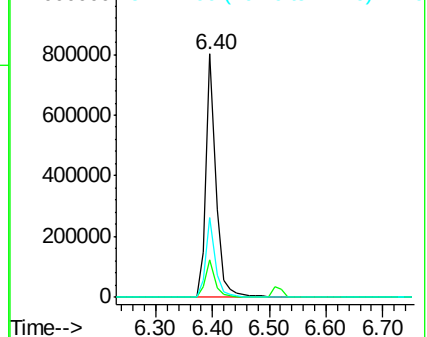
71 32.9 24.9 37.3



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



#15

Benzyl Alcohol

Concen: 2.42 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

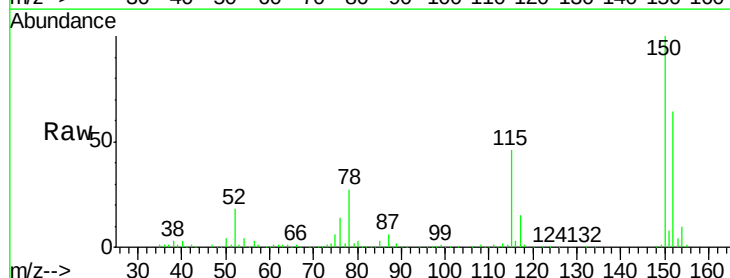
Tgt Ion: 79 Resp: 11057

Ion Ratio Lower Upper

79 100

108 34.4 61.8 92.6#

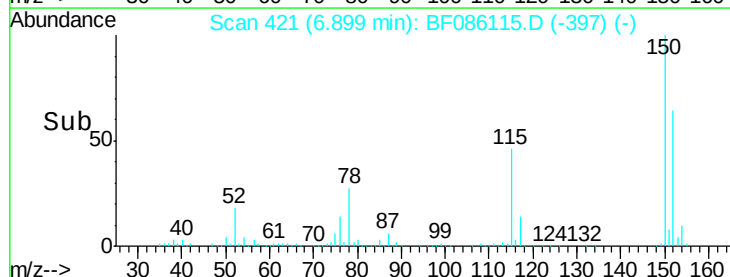
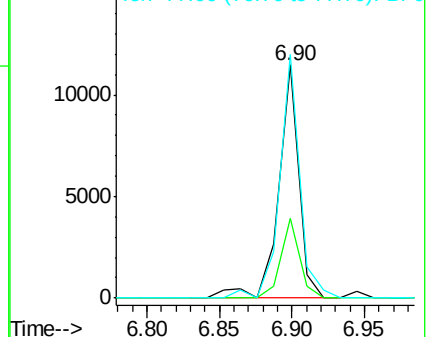
77 104.4 49.6 74.4#

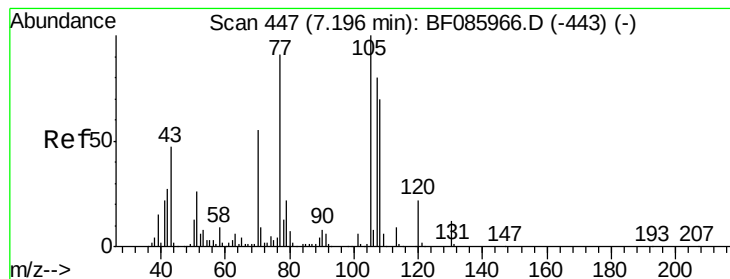


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.08 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.11 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

Instrument :

BNA_F

ClientSampleId :

DUP-032916

Tgt Ion: 70 Resp: 74761

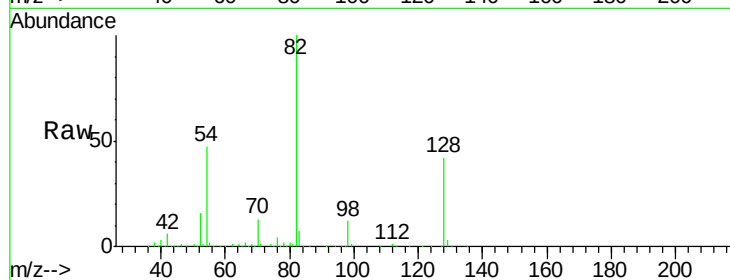
Ion Ratio Lower Upper

70 100

42 41.8 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

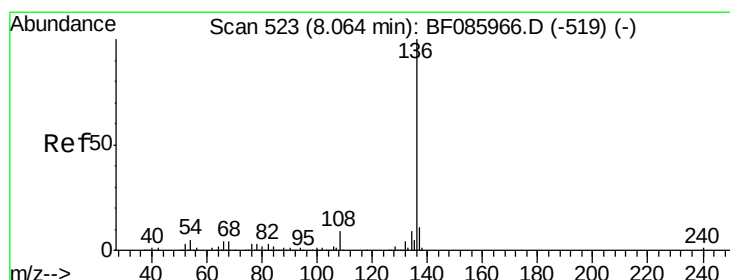
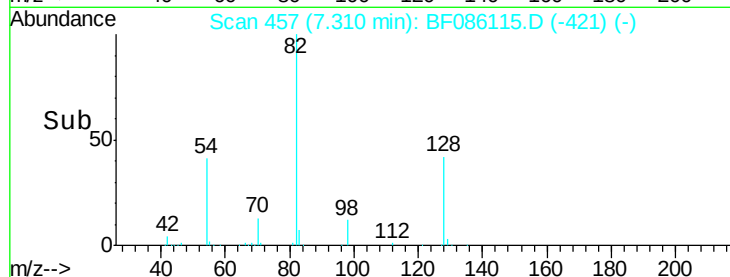
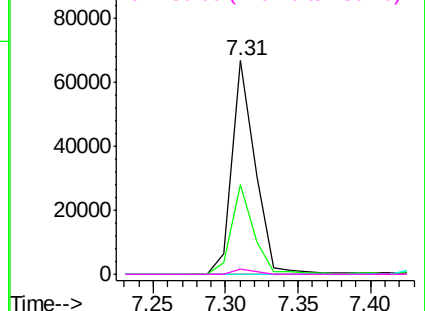


Abundance Ion 70.00 (69.70 to 70.70): BF0

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

Tgt Ion: 136 Resp: 349801

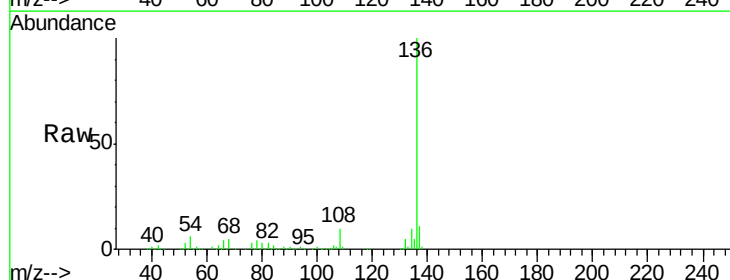
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.2 7.4 11.0#

68 5.2 5.8 8.8#

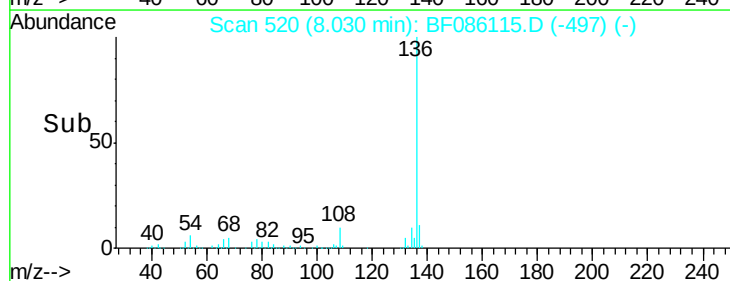
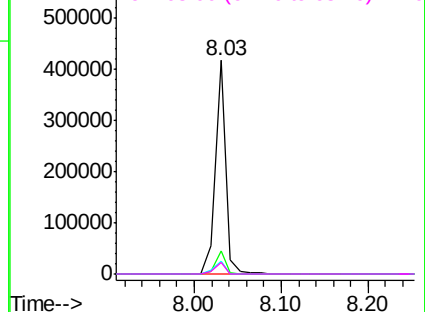


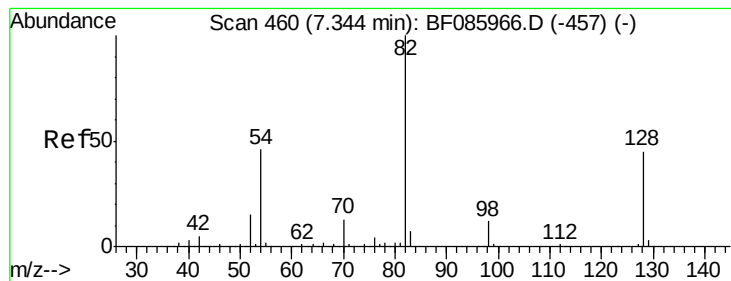
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 96.84 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

Instrument :

BNA_F

ClientSampleId :

DUP-032916

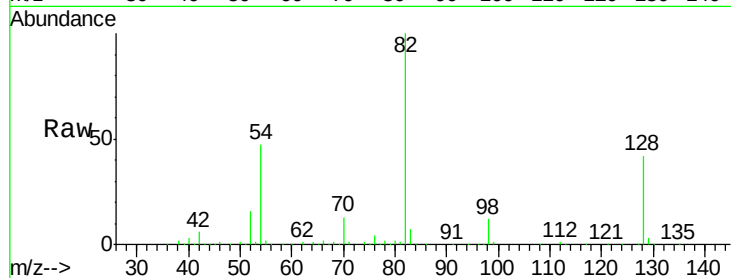
Tgt Ion: 82 Resp: 574440

Ion Ratio Lower Upper

82 100

128 42.0 41.8 62.8

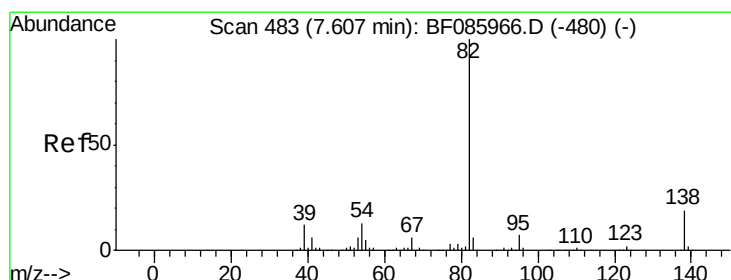
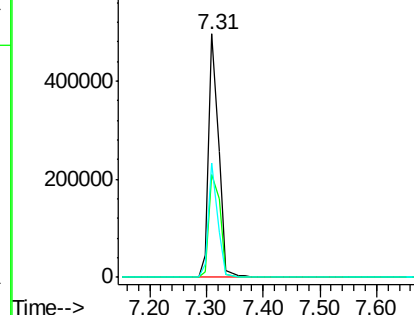
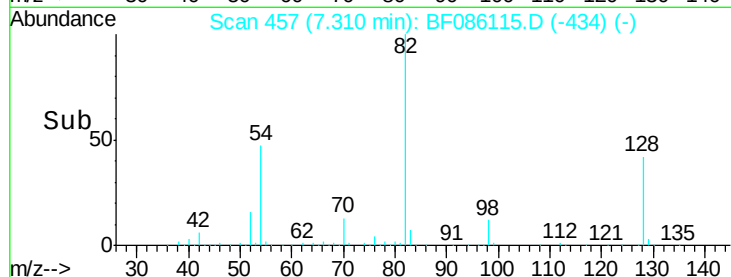
54 46.8 33.4 50.0



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



#25

Isophorone

Concen: 46.46 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.30 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

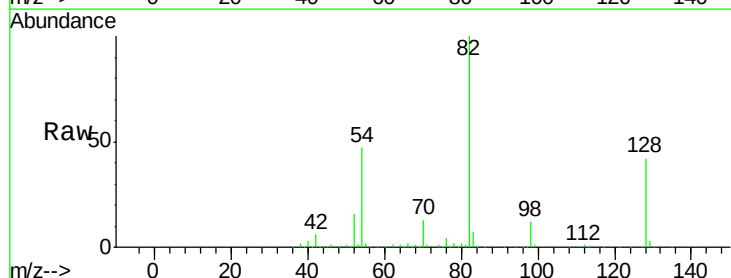
Tgt Ion: 82 Resp: 543985

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

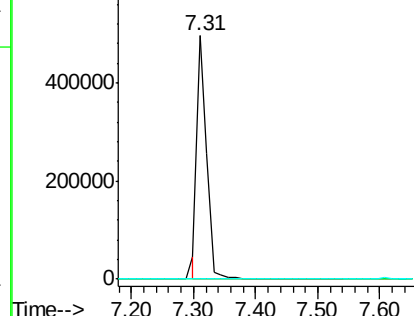
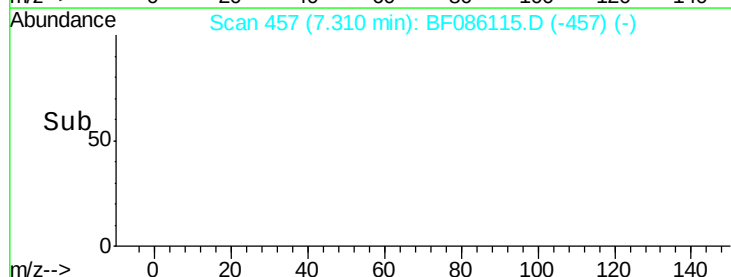
138 0.0 12.9 19.3#

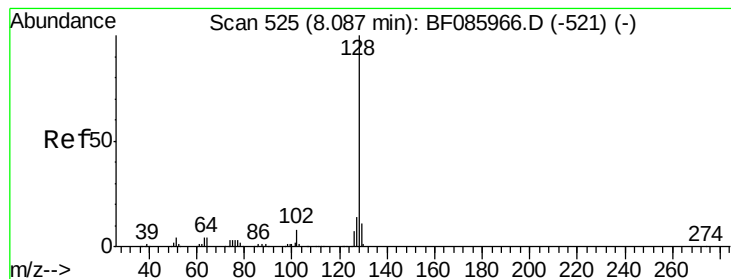


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#31

Naphthalene

Concen: 2.31 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.03 min

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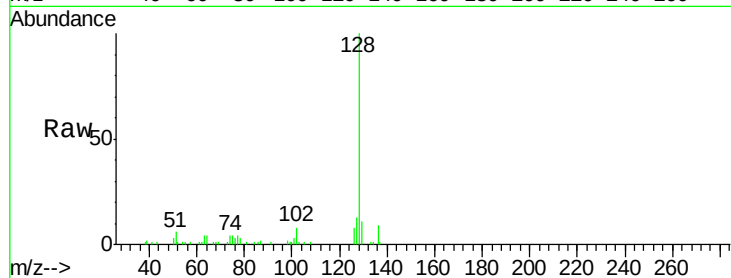
Tgt Ion:128 Resp: 40654

Ion Ratio Lower Upper

128 100

129 10.7 9.4 14.0

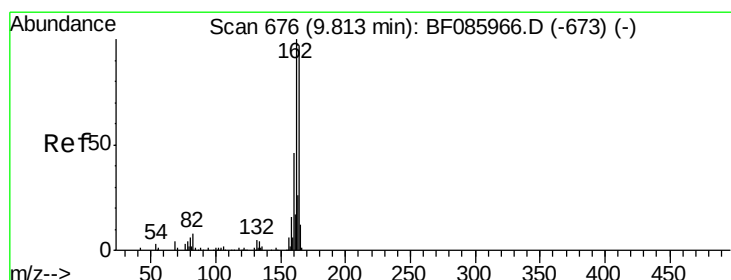
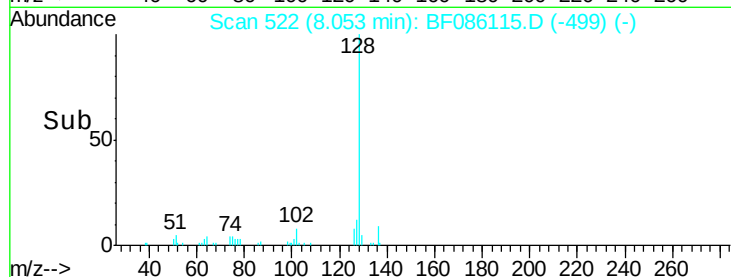
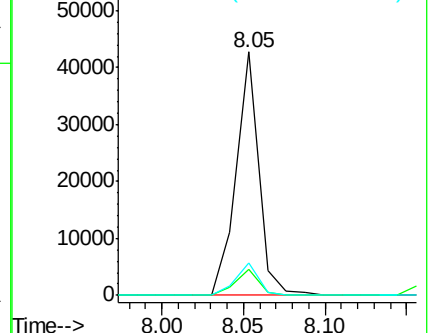
127 13.3 11.0 16.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

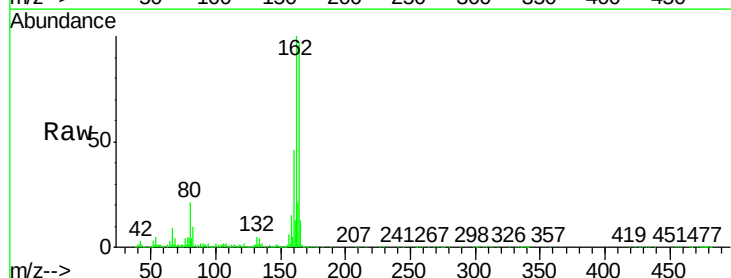
Tgt Ion:164 Resp: 135627

Ion Ratio Lower Upper

164 100

162 102.9 82.1 123.1

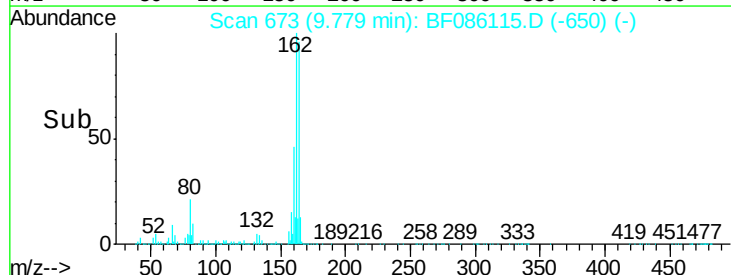
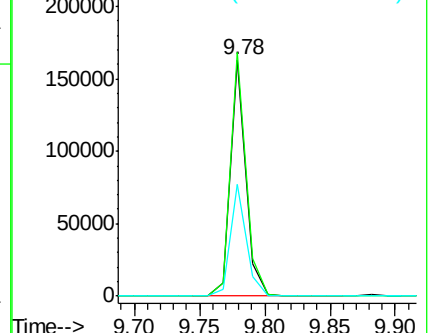
160 47.1 37.4 56.2

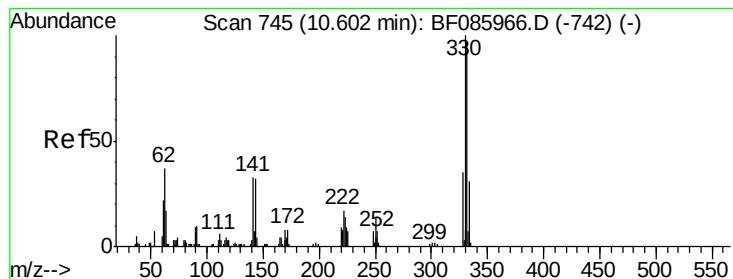


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 153.22 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.02 min

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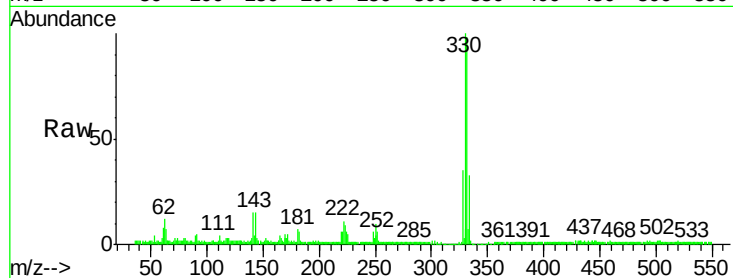
Tgt Ion:330 Resp: 195044

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.2

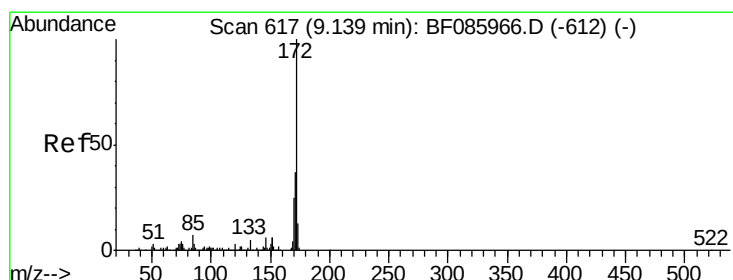
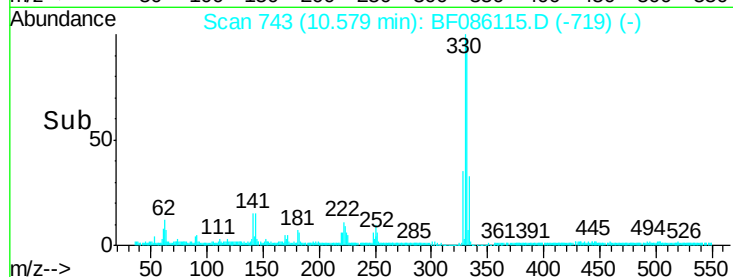
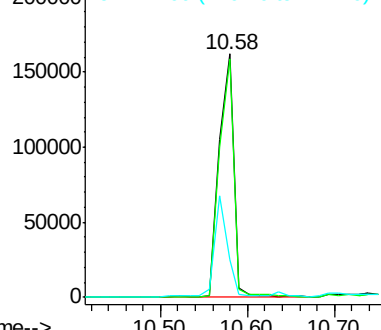
141 35.6 31.5 47.3



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: 99.55 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

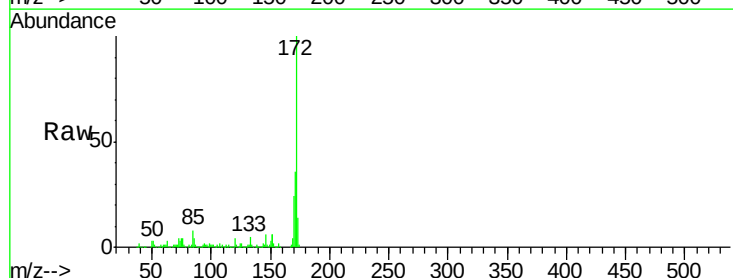
Tgt Ion:172 Resp: 812017

Ion Ratio Lower Upper

172 100

171 36.2 29.4 44.2

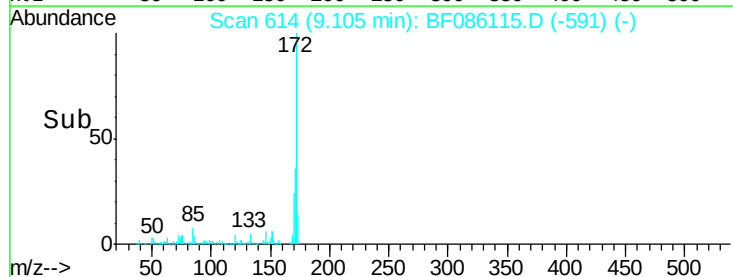
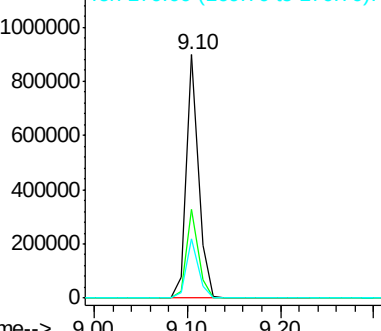
170 24.5 19.8 29.6

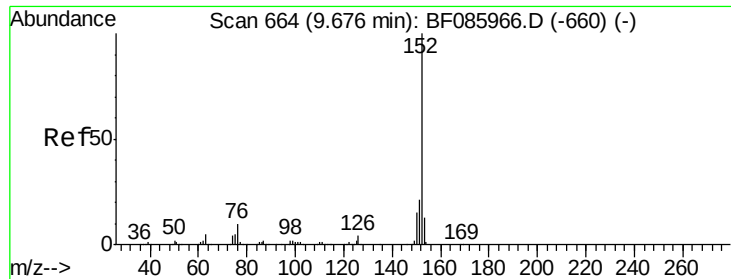


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 4.60 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

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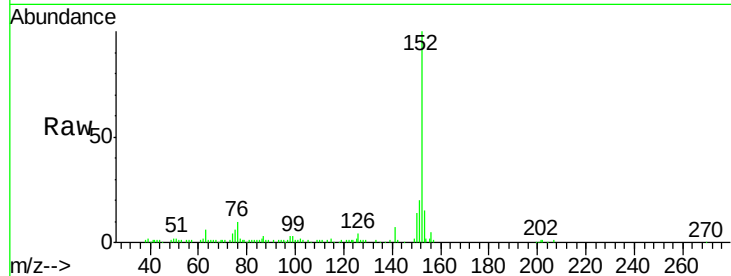
Tgt Ion:152 Resp: 62449

Ion Ratio Lower Upper

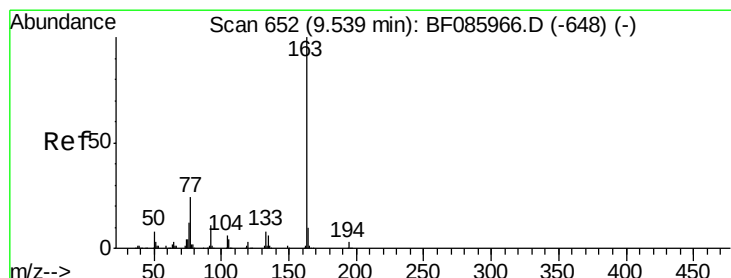
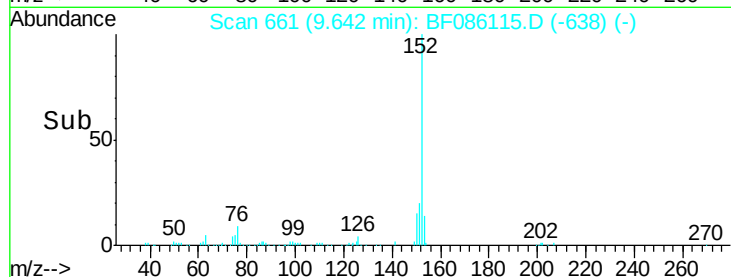
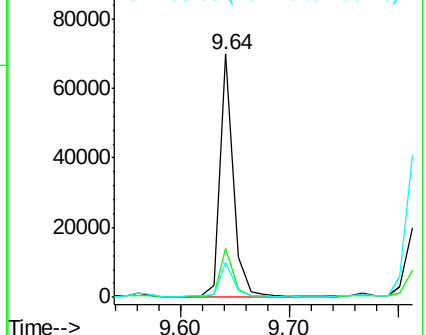
152 100

151 20.1 16.8 25.2

153 14.6 10.9 16.3



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



#49

Dimethylphthalate

Concen: 16.64 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.03 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

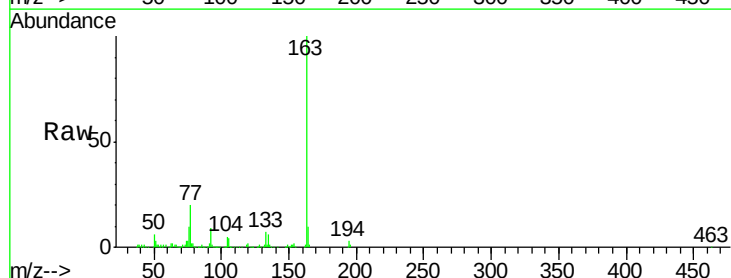
Tgt Ion:163 Resp: 167265

Ion Ratio Lower Upper

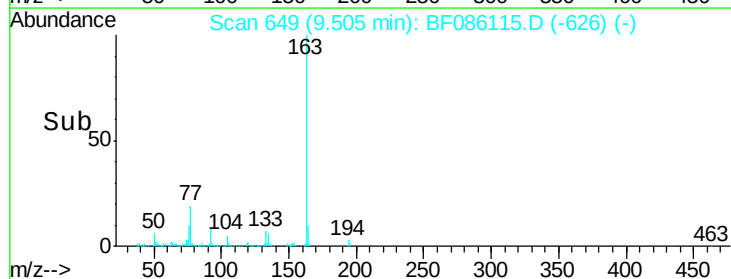
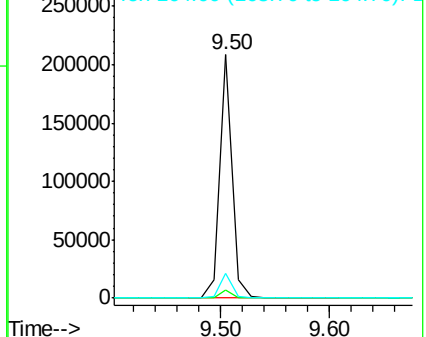
163 100

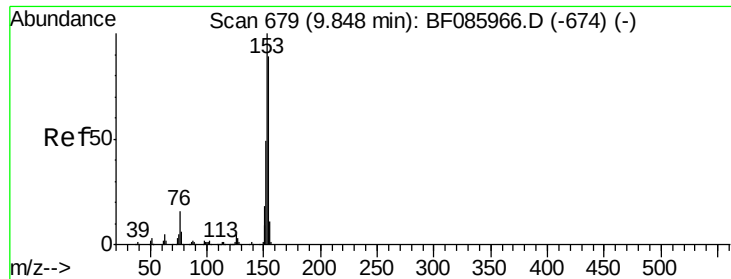
194 3.4 2.9 4.3

164 10.1 8.3 12.5



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





#51

Acenaphthene

Concen: 4.05 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

Instrument :

BNA_F

ClientSampleId :

DUP-032916

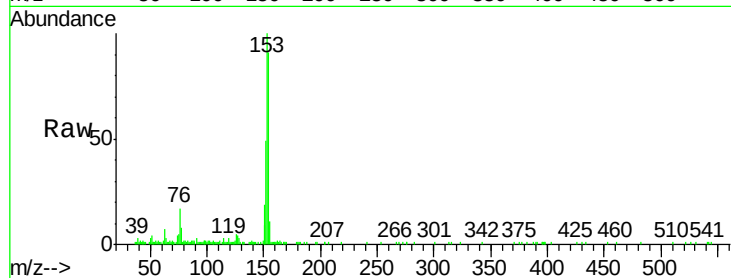
Tgt Ion:154 Resp: 32718

Ion Ratio Lower Upper

154 100

153 110.4 90.1 135.1

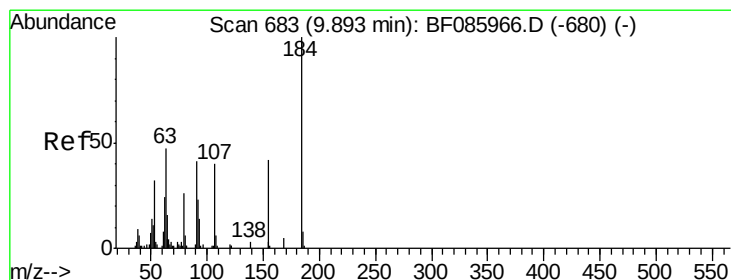
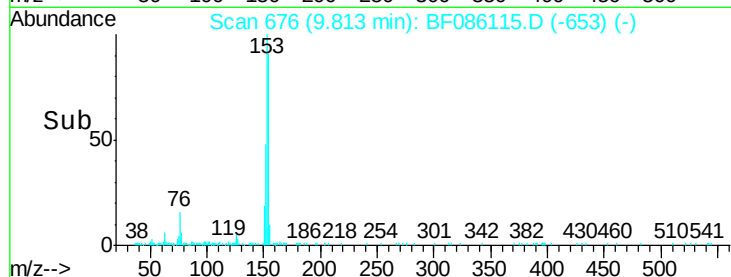
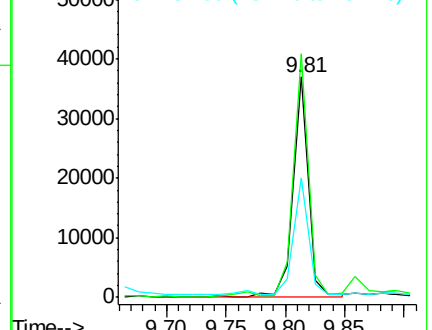
152 54.1 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 2.25 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

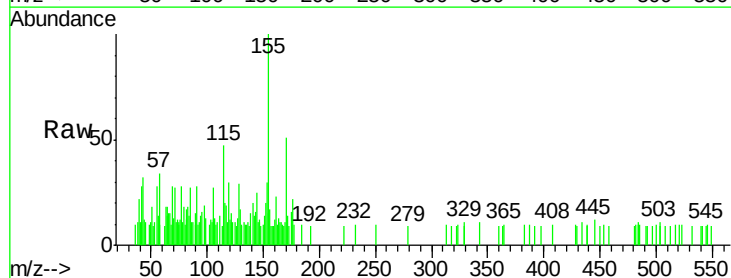
Tgt Ion:184 Resp: 245

Ion Ratio Lower Upper

184 100

63 175.6 69.5 104.3#

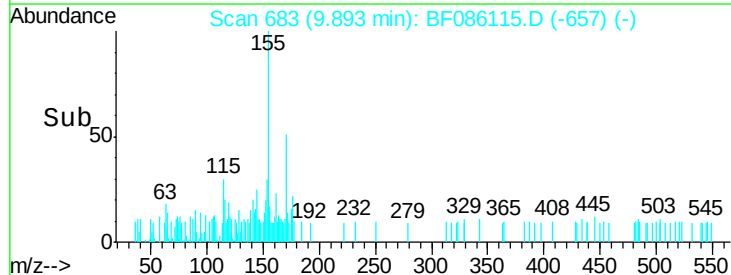
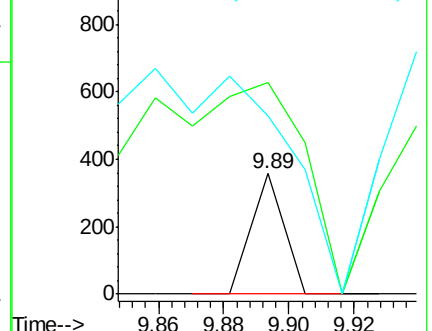
154 148.7 58.3 87.5#

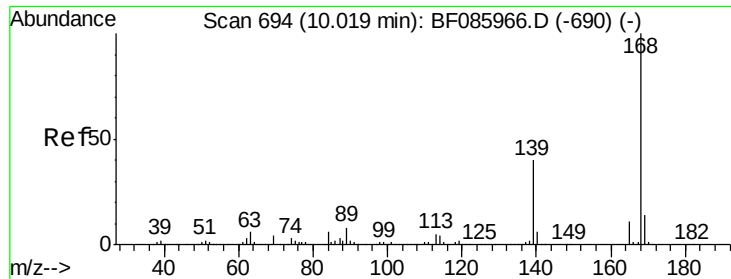


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

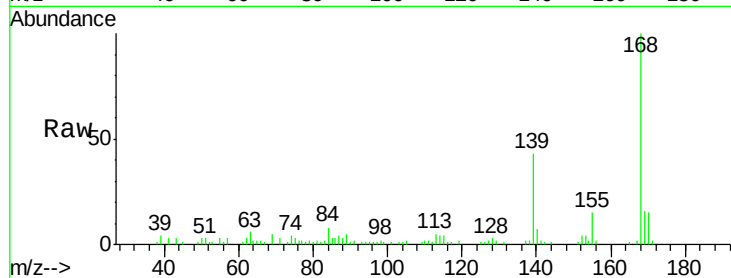




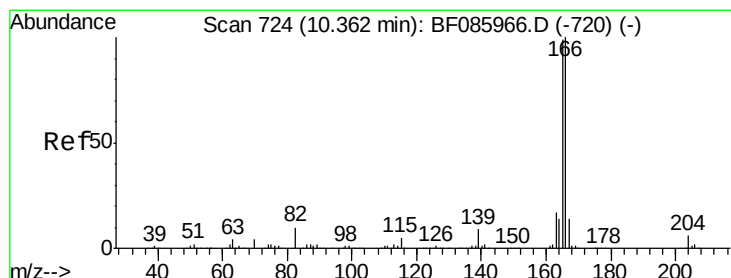
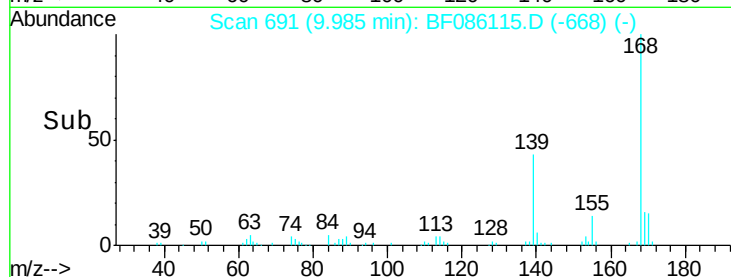
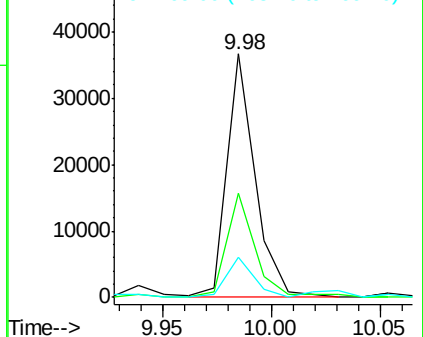
#54
Dibenzofuran
Concen: 3.08 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:168 Resp: 32849
Ion Ratio Lower Upper
168 100
139 43.0 31.9 47.9
169 16.3 11.0 16.6

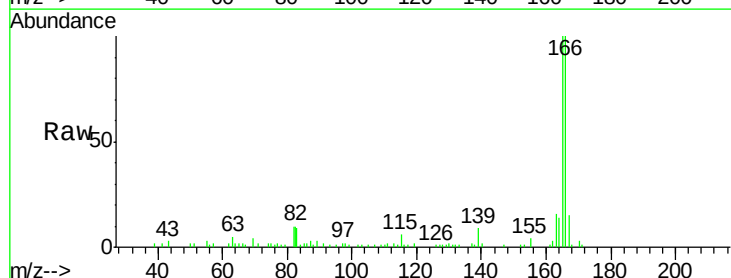


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

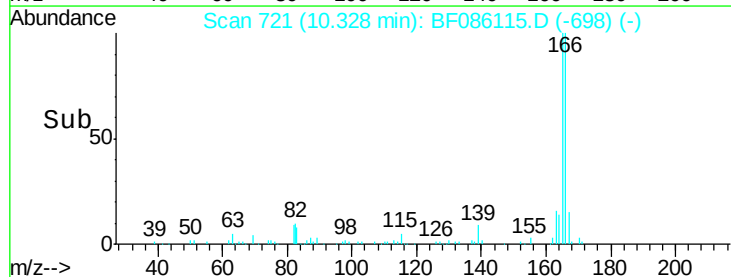
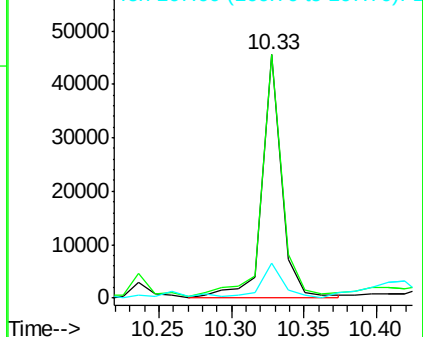


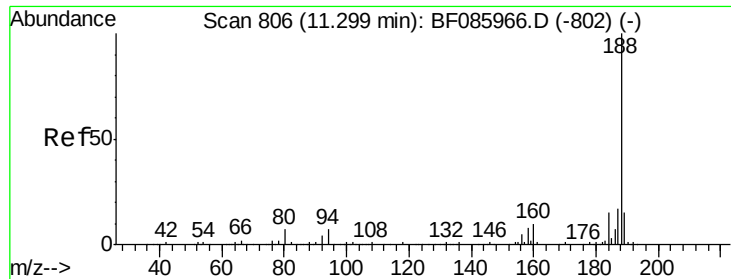
#57
Fluorene
Concen: 4.71 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:166 Resp: 42893
Ion Ratio Lower Upper
166 100
165 100.1 79.4 119.0
167 14.5 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

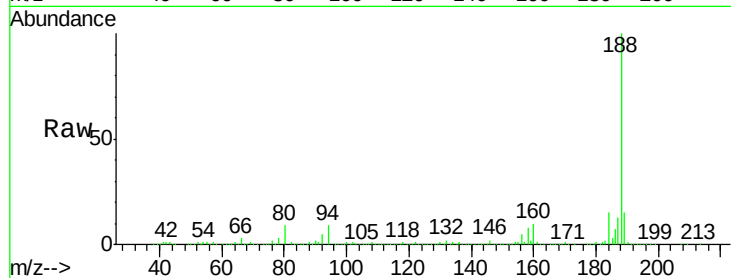




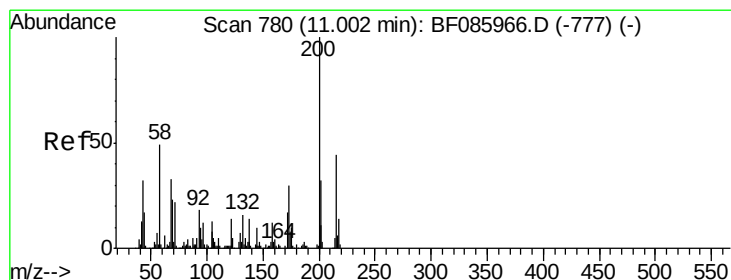
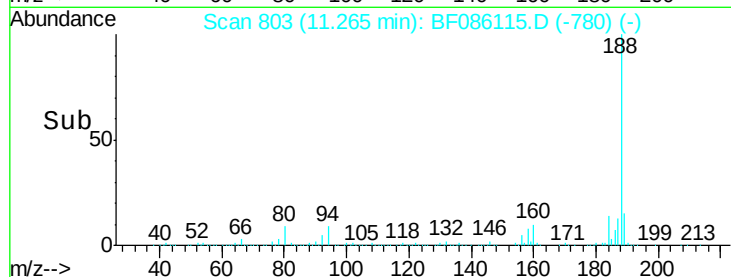
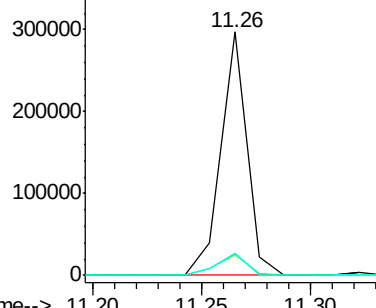
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:188 Resp: 247474
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 8.9 5.5 8.3#

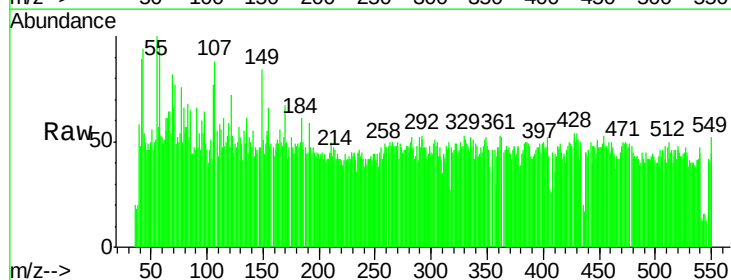


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

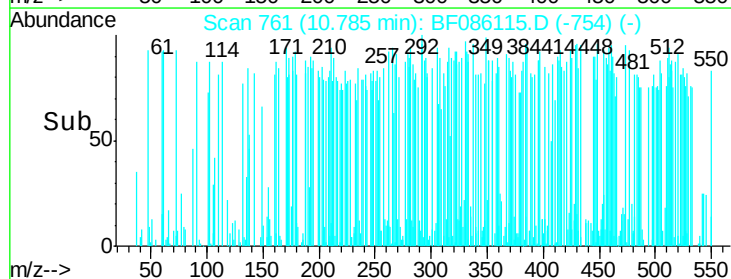
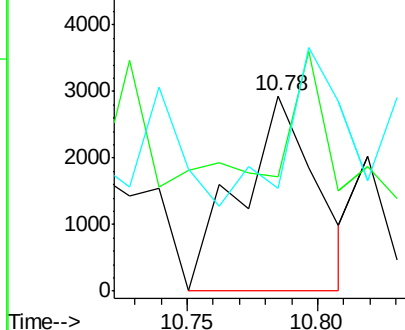


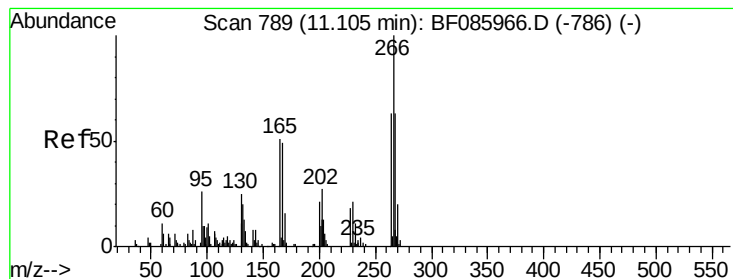
#68
Atrazine
Concen: 2.36 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.22 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:200 Resp: 5906
Ion Ratio Lower Upper
200 100
173 58.4 7.7 47.7#
215 52.7 25.4 65.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 3.10 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.27 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

Instrument :

BNA_F

ClientSampleId :

DUP-032916

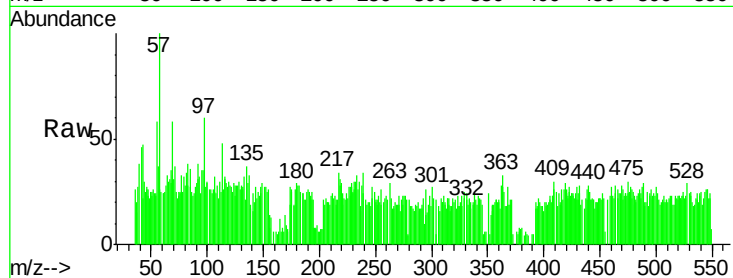
Tgt Ion:266 Resp: 3801

Ion Ratio Lower Upper

266 100

268 57.2 51.5 77.3

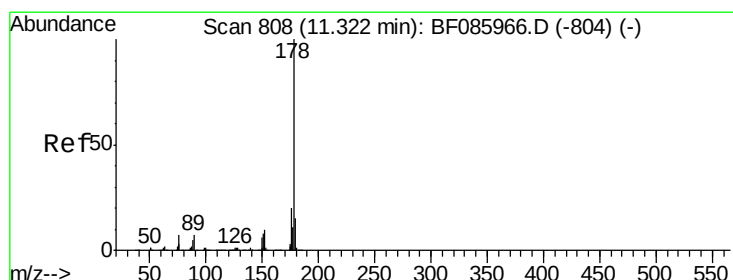
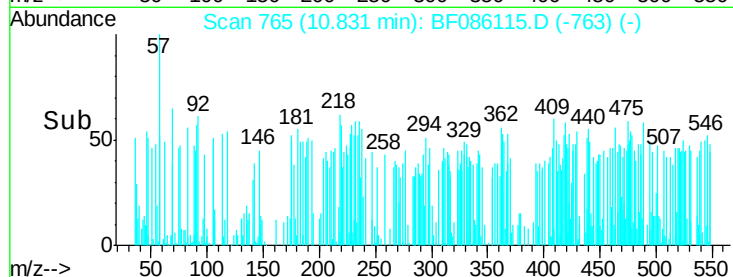
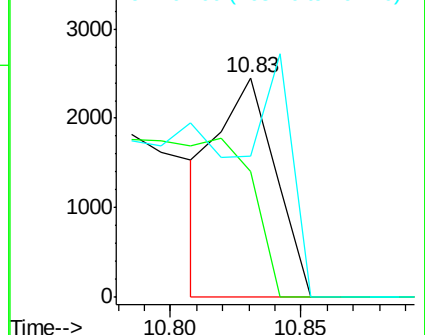
264 64.4 50.6 76.0



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.19 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.03 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

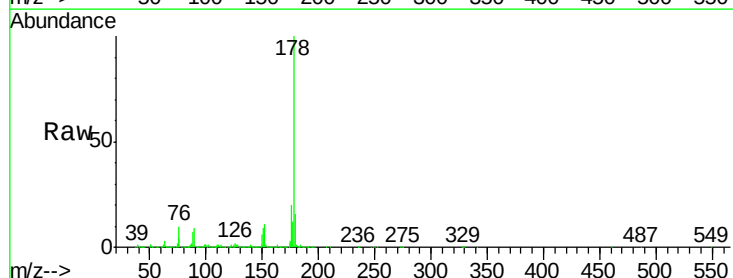
Tgt Ion:178 Resp: 583104

Ion Ratio Lower Upper

178 100

176 20.3 16.3 24.5

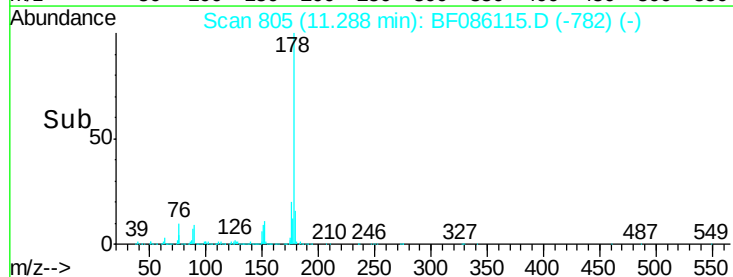
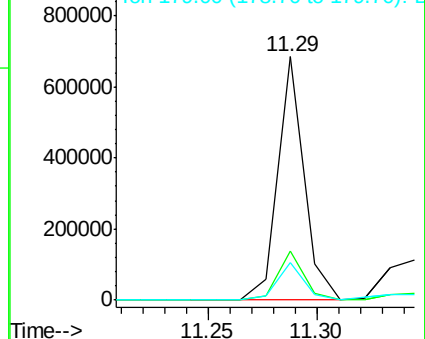
179 15.6 12.6 18.8

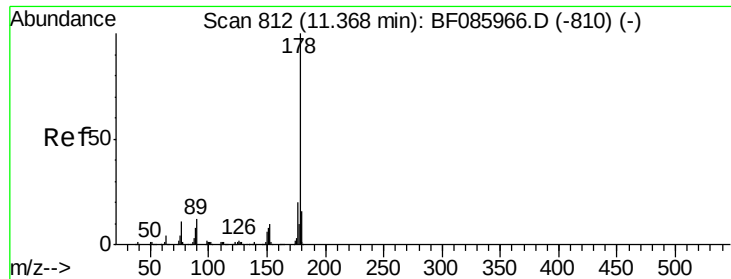


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 10.73 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.02 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

Instrument :

BNA_F

ClientSampleId :

DUP-032916

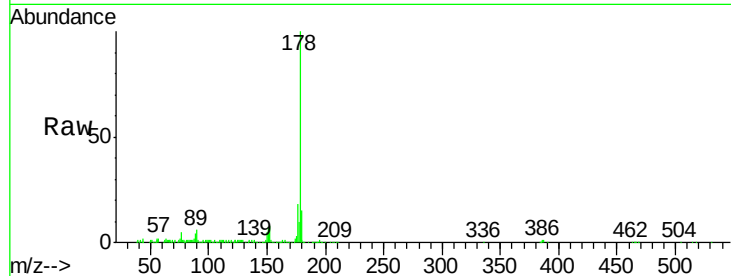
Tgt Ion:178 Resp: 151749

Ion Ratio Lower Upper

178 100

176 18.0 15.9 23.9

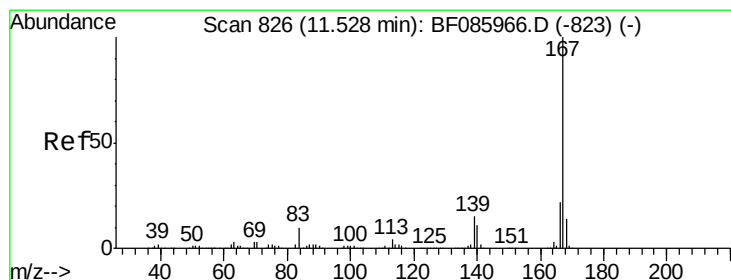
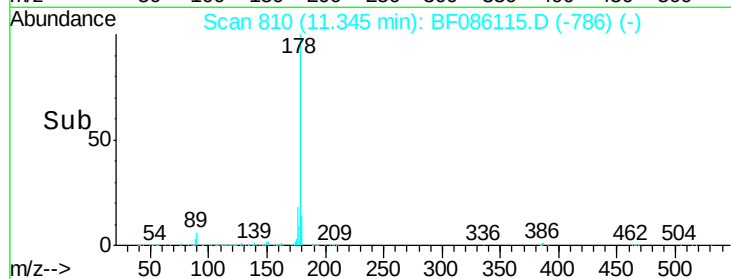
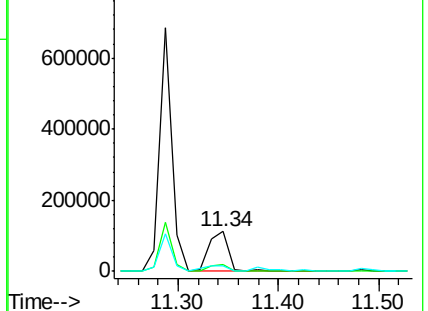
179 14.9 13.0 19.4



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: 4.78 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

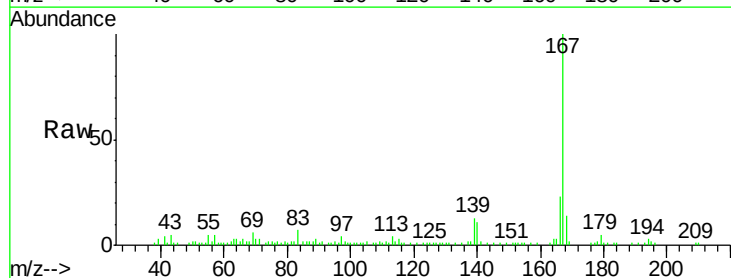
Tgt Ion:167 Resp: 58101

Ion Ratio Lower Upper

167 100

166 22.6 17.8 26.8

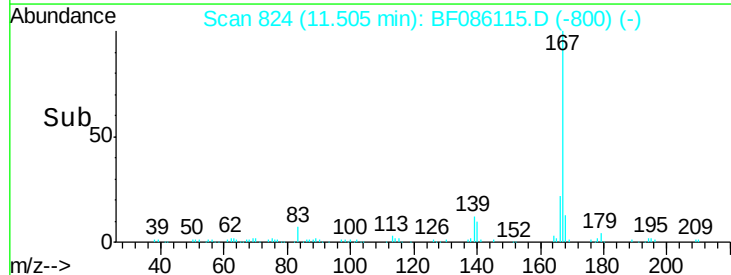
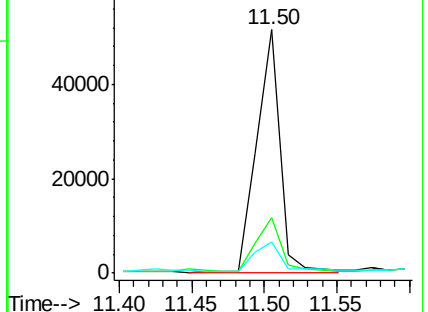
139 12.8 11.6 17.4

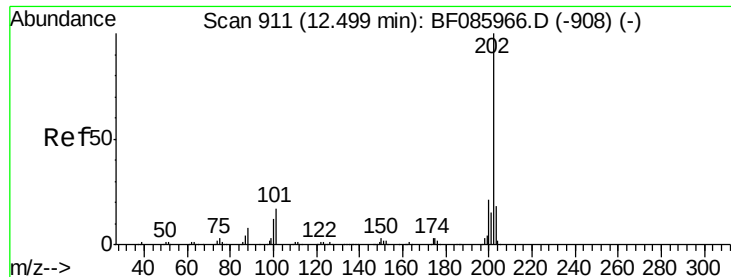


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

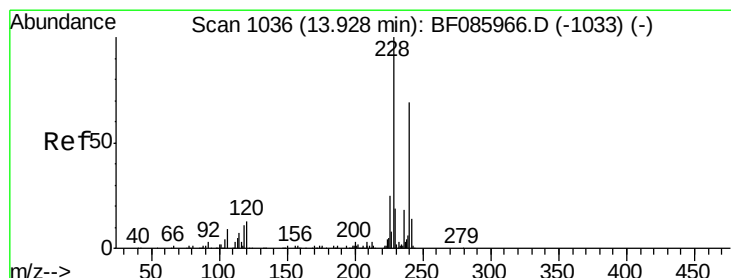
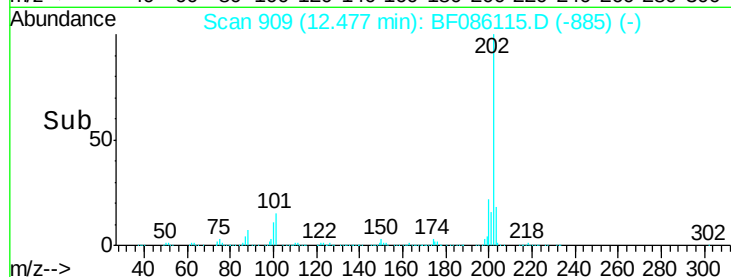
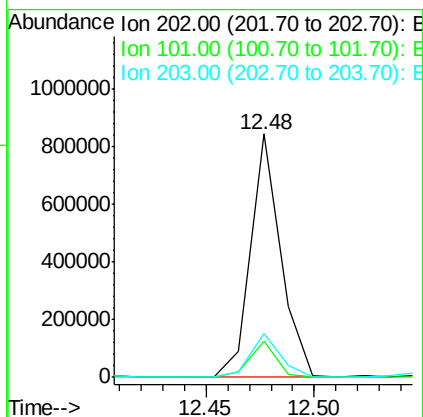
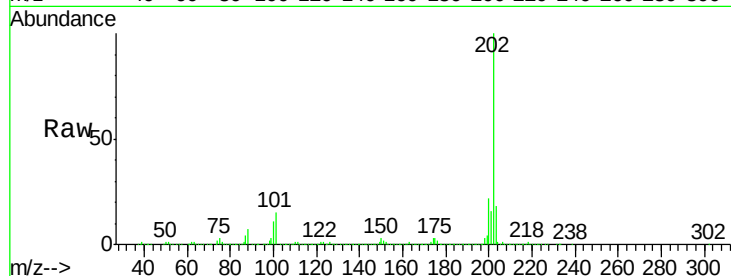




#74
 Fluoranthene
 Concen: 57.76 ng
 RT: 12.48 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF086115.D
 Acq: 6 Apr 2016 23:24

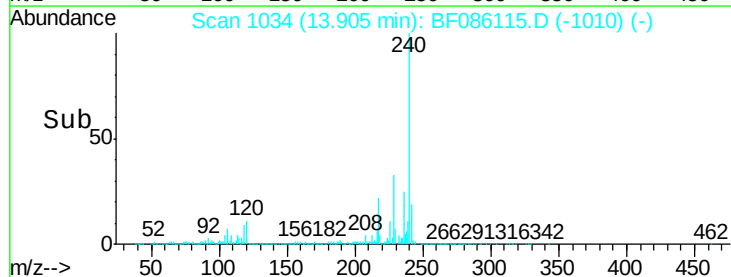
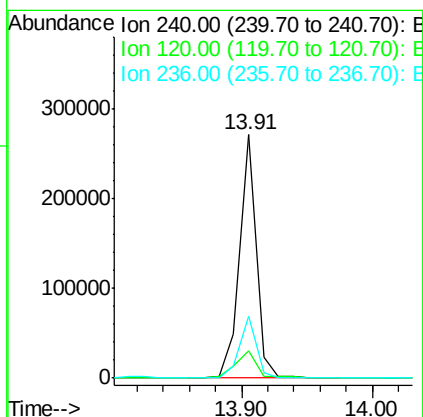
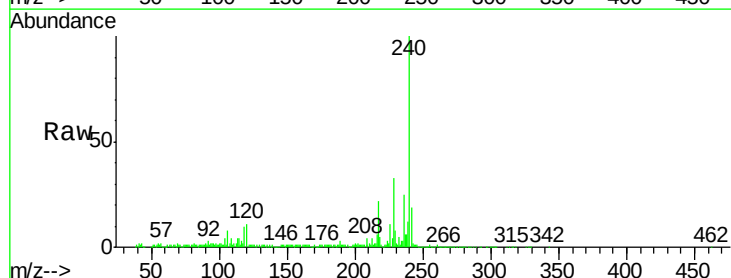
Instrument :
 BNA_F
 ClientSampleId :
 DUP-032916

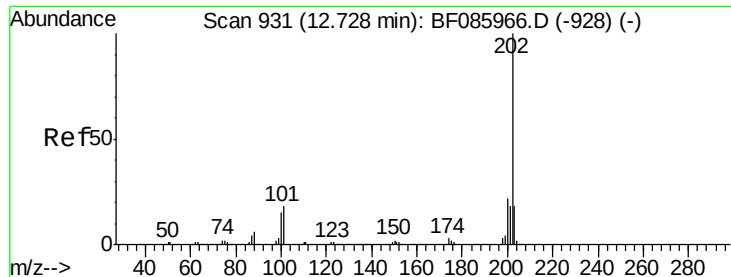
Tgt Ion:202 Resp: 811134
 Ion Ratio Lower Upper
 202 100
 101 14.6 0.0 36.6
 203 18.3 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF086115.D
 Acq: 6 Apr 2016 23:24

Tgt Ion:240 Resp: 238279
 Ion Ratio Lower Upper
 240 100
 120 11.2 13.8 20.8#
 236 25.4 20.6 30.8

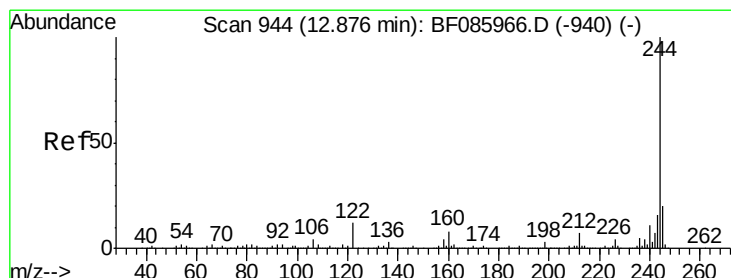
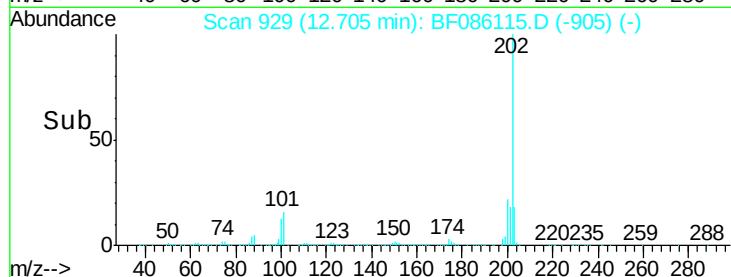
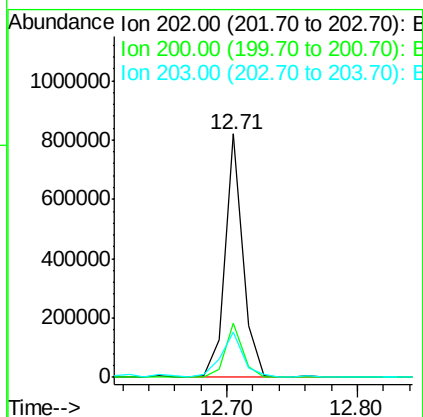
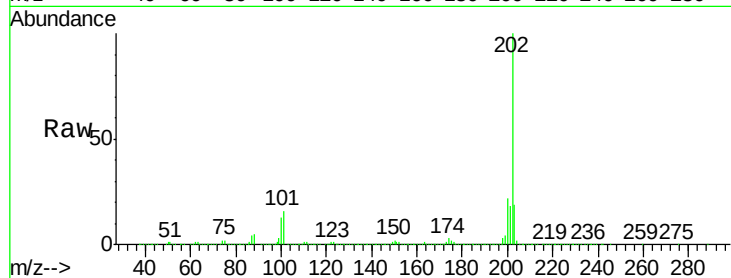




#77
Pyrene
 Concen: 46.36 ng
 RT: 12.71 min Scan# 929
 Delta R.T. -0.02 min
 Lab File: BF086115.D
 Acq: 6 Apr 2016 23:24

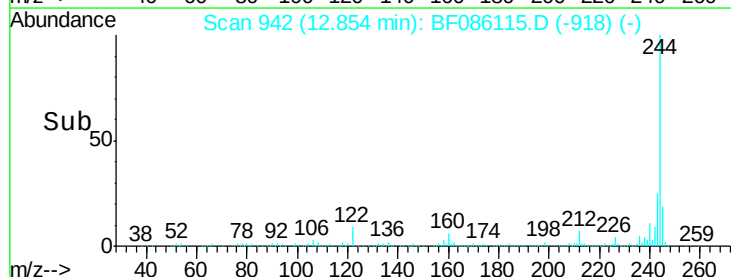
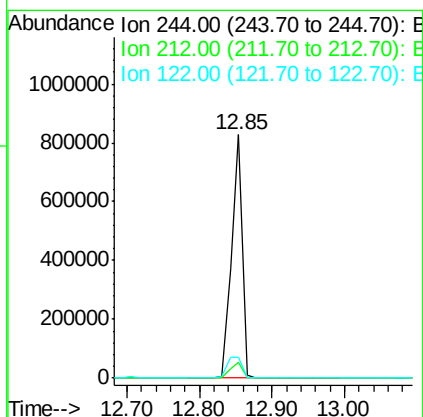
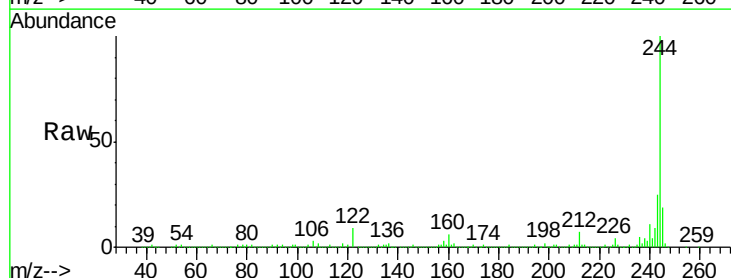
Instrument :
 BNA_F
 ClientSampleId :
 DUP-032916

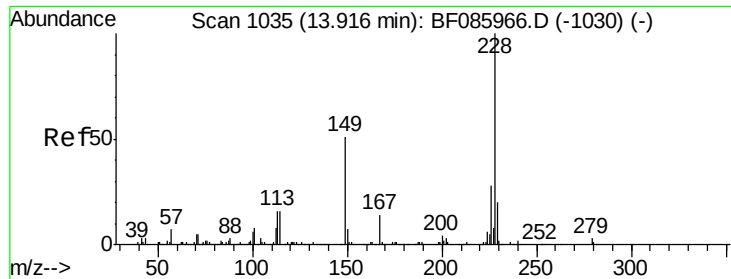
Tgt Ion:202 Resp: 778431
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.6 26.4
 203 18.5 14.0 21.0



#78
Terphenyl-d14
 Concen: 82.80 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF086115.D
 Acq: 6 Apr 2016 23:24

Tgt Ion:244 Resp: 839339
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 8.7 10.2 15.4#

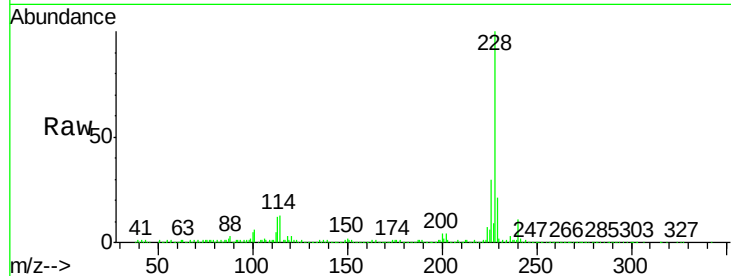




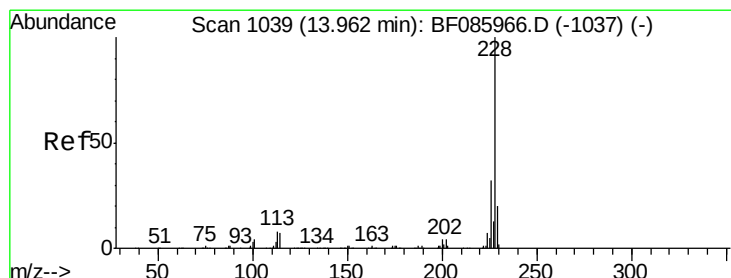
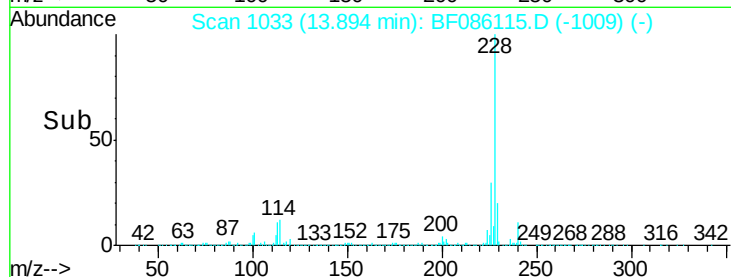
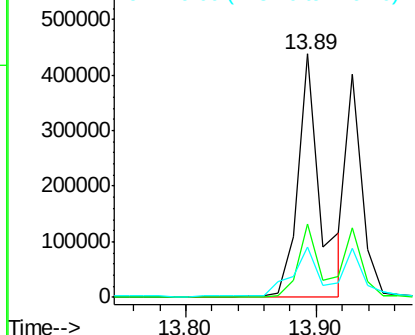
#80
Benzo(a)anthracene
Concen: 37.17 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:228 Resp: 522056
Ion Ratio Lower Upper
228 100
226 30.3 22.1 33.1
229 20.6 16.2 24.4

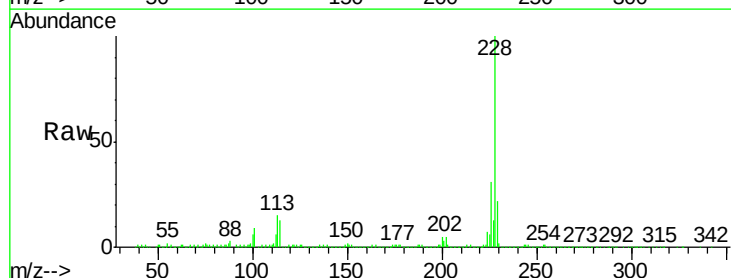


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

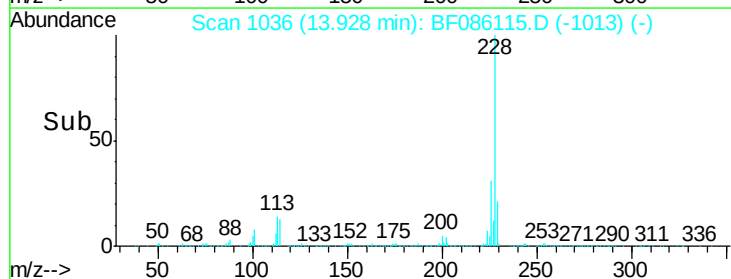
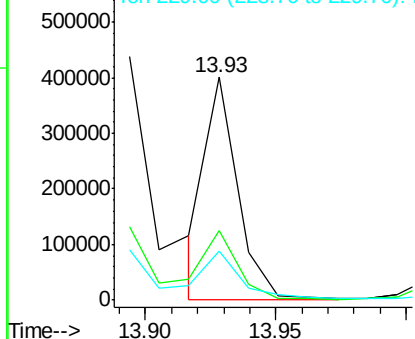


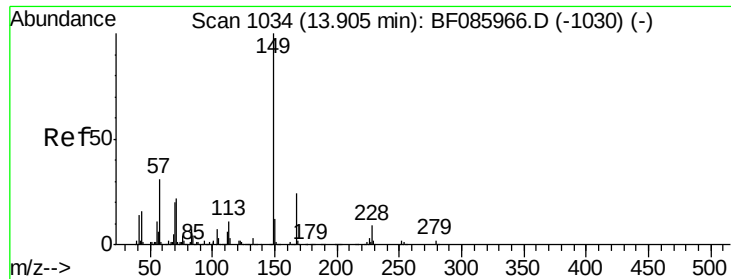
#82
Chrysene
Concen: 24.96 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:228 Resp: 337743
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.6
229 22.1 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

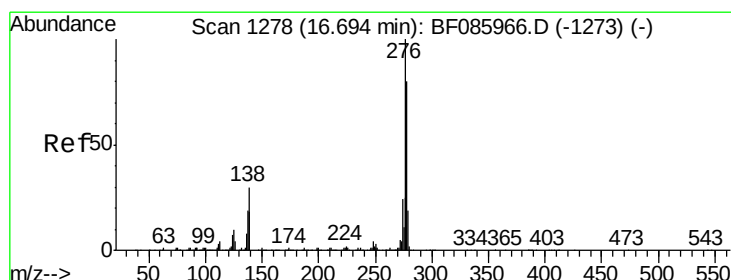
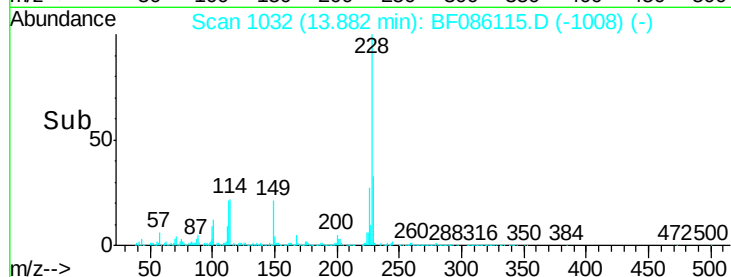
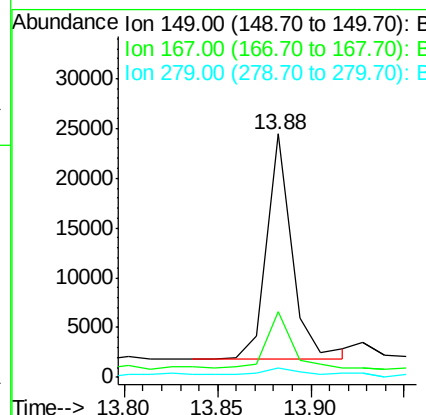
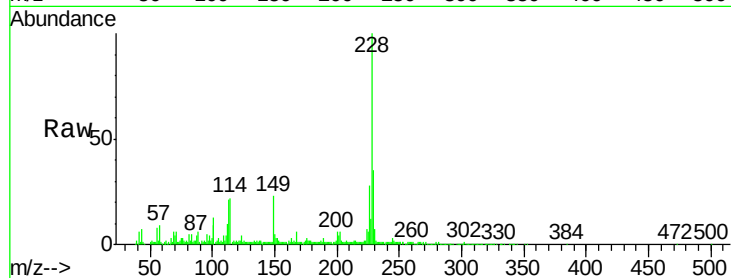




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.10 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF086115.D
 Acq: 6 Apr 2016 23:24

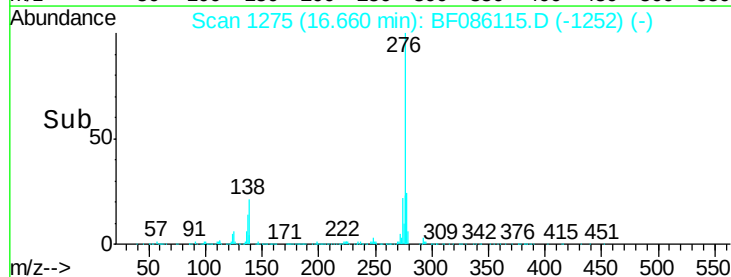
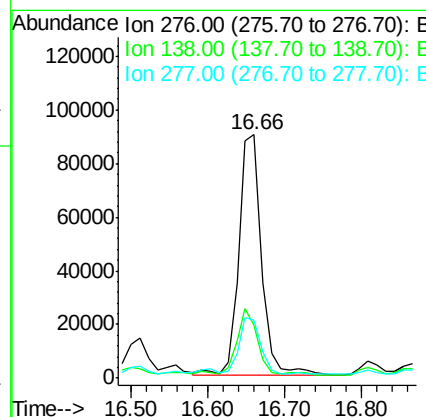
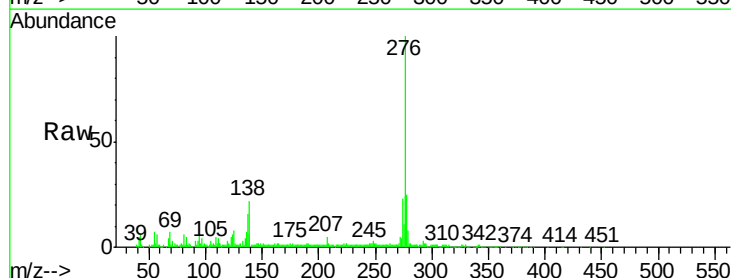
Instrument :
 BNA_F
 ClientSampleId :
 DUP-032916

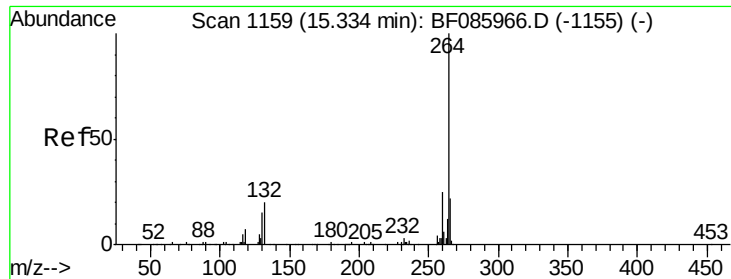
Tgt Ion:149 Resp: 21073
 Ion Ratio Lower Upper
 149 100
 167 27.1 19.4 29.2
 279 3.9 1.5 2.3#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.97 ng
 RT: 16.66 min Scan# 1275
 Delta R.T. -0.03 min
 Lab File: BF086115.D
 Acq: 6 Apr 2016 23:24

Tgt Ion:276 Resp: 186320
 Ion Ratio Lower Upper
 276 100
 138 25.4 24.2 36.4
 277 22.5 20.0 30.0

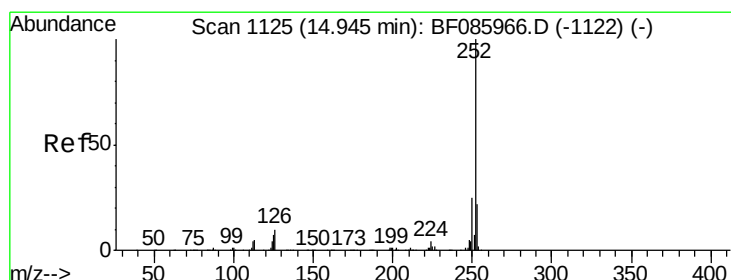
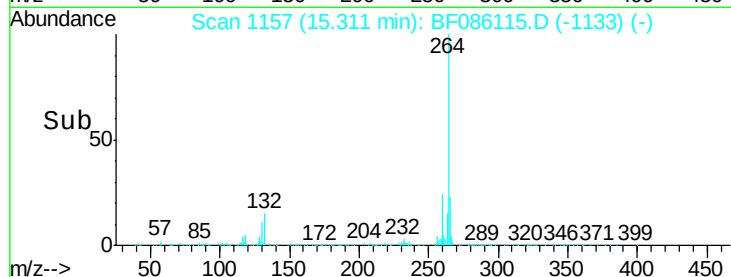
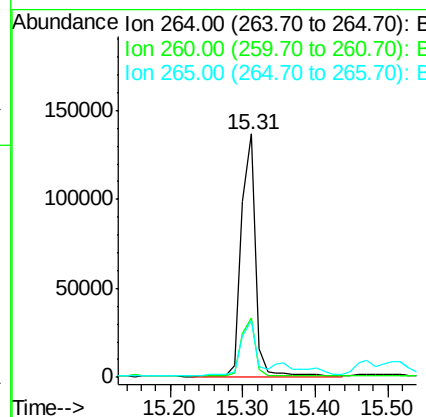
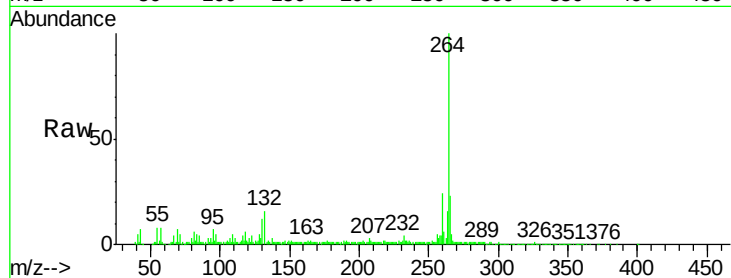




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

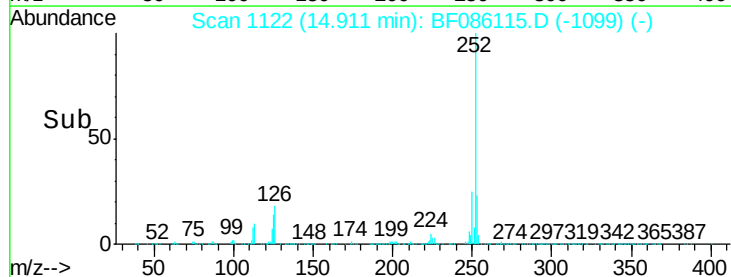
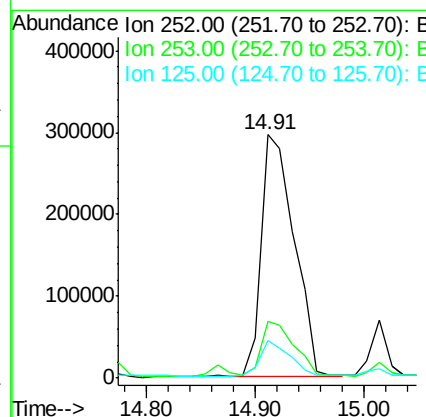
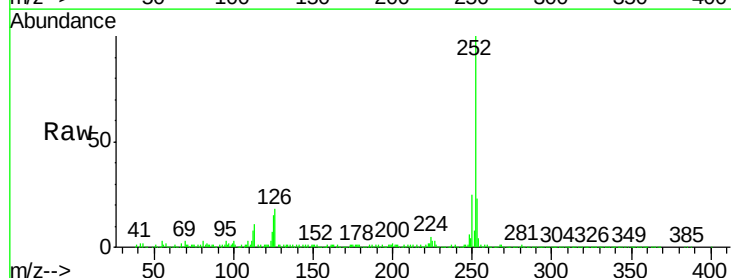
Instrument :
BNA_F
ClientSampleId :
DUP-032916

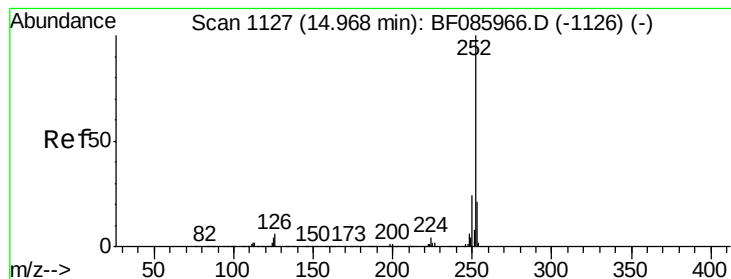
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	23.3	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 54.54 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	15.2	10.3	15.5





#88

Benzo(k)fluoranthene

Concen: 61.59 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.06 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

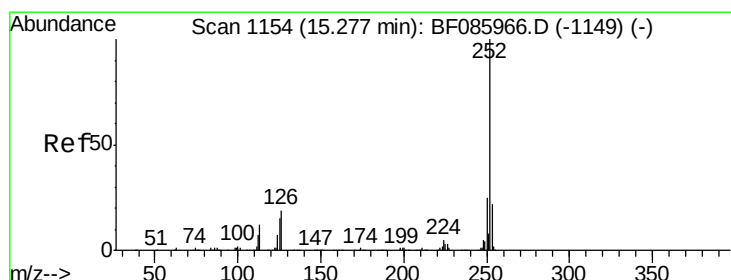
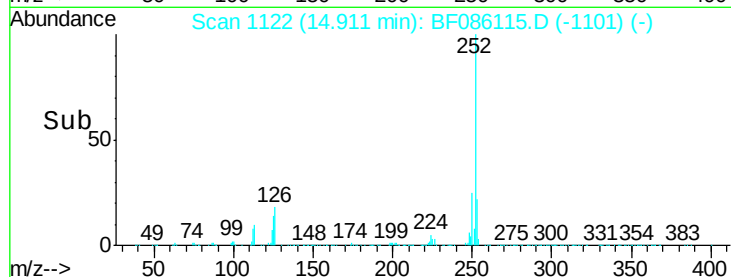
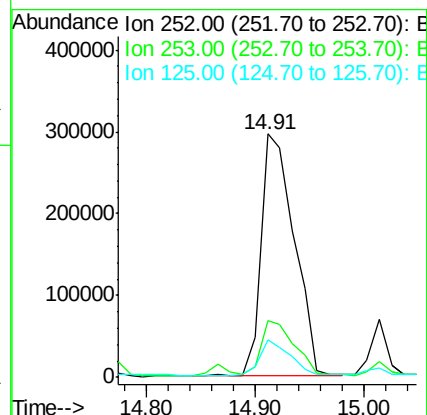
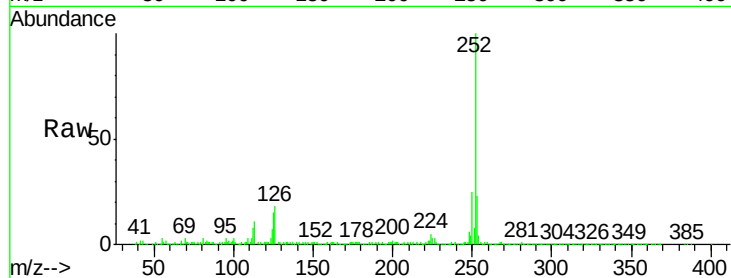
Instrument :

BNA_F

ClientSampleId :

DUP-032916

Tgt Ion:	252	Resp:	632135
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.8	26.6
125	15.2	7.7	11.5#



#89

Benzo(a)pyrene

Concen: 31.36 ng

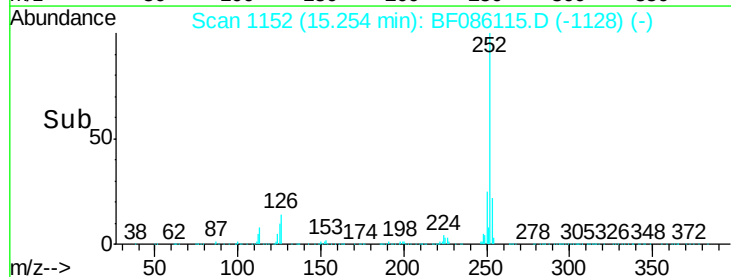
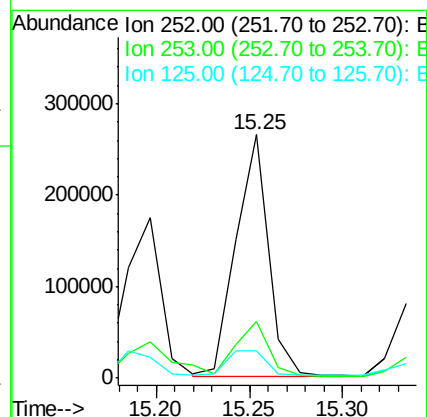
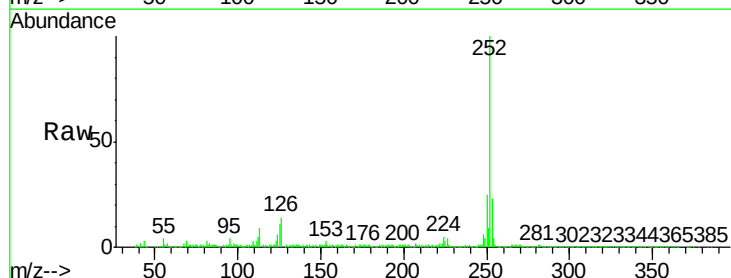
RT: 15.25 min Scan# 1152

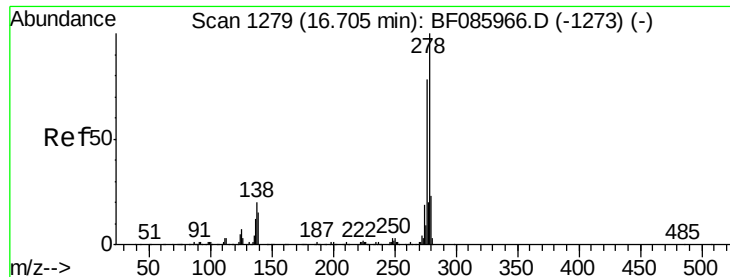
Delta R.T. -0.02 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

Tgt Ion:	252	Resp:	322015
Ion Ratio		Lower	Upper
252	100		
253	23.4	17.4	26.0
125	11.0	10.3	15.5





#90

Dibenzo(a,h)anthracene

Concen: 6.37 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.05 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

Instrument :

BNA_F

ClientSampleId :

DUP-032916

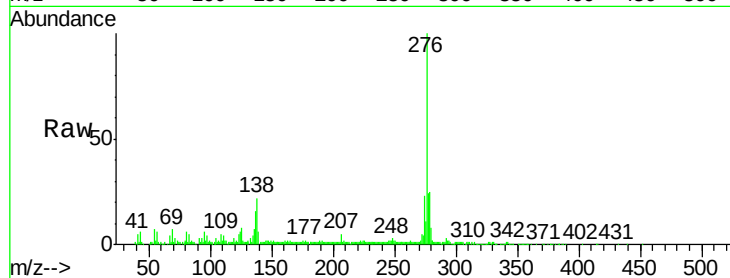
Tgt Ion:278 Resp: 52669

Ion Ratio Lower Upper

278 100

139 23.3 14.4 21.6#

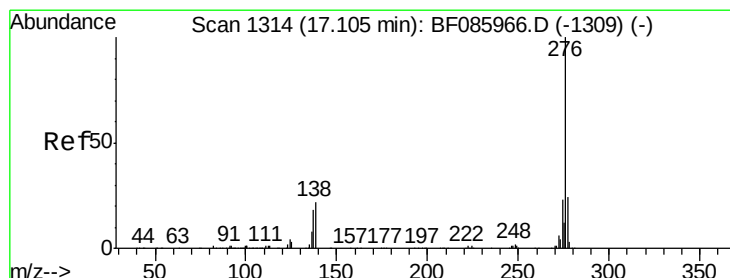
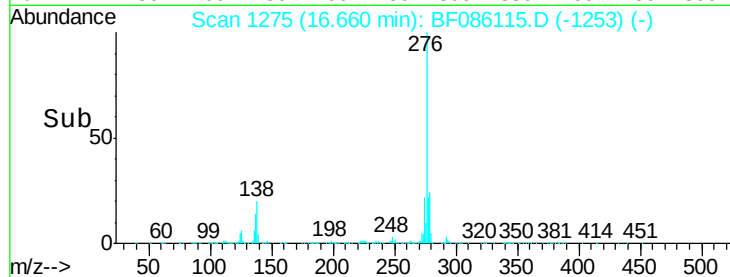
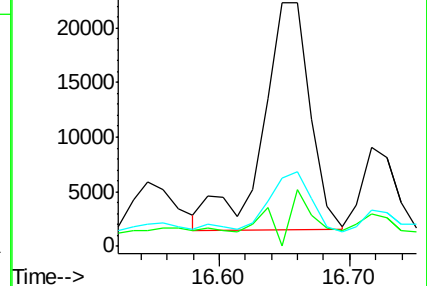
279 30.7 19.1 28.7#



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: 21.12 ng

RT: 17.06 min Scan# 1310

Delta R.T. -0.05 min

Lab File: BF086115.D

Acq: 6 Apr 2016 23:24

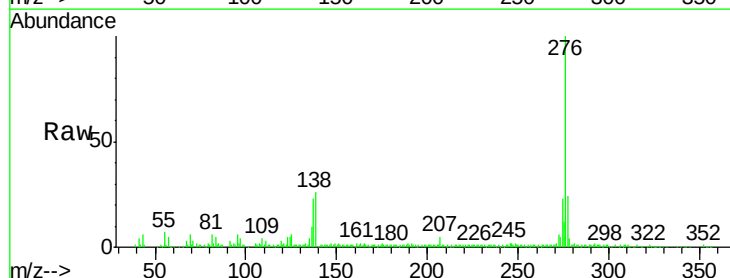
Tgt Ion:276 Resp: 168845

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 25.7 22.6 34.0



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

