

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085491.D
 Acq On : 17 Mar 2016 5:16
 Operator : UM/SJ
 Sample : H1796-09 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB09(6-8)

Quant Time: Mar 17 04:48:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	121055	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	490027	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	204851	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	310330	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	215908	20.00	ng	-0.02
86) Perylene-d12	15.51	264	273659	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	8356	1.19	ng	-0.01
7) Phenol-d6	6.52	99	15183	1.66	ng	-0.03
23) Nitrobenzene-d5	7.46	82	10770	1.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	2826	1.50	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	29024	2.46	ng	-0.02
78) Terphenyl-d14	13.01	244	17559	1.84	ng	-0.02

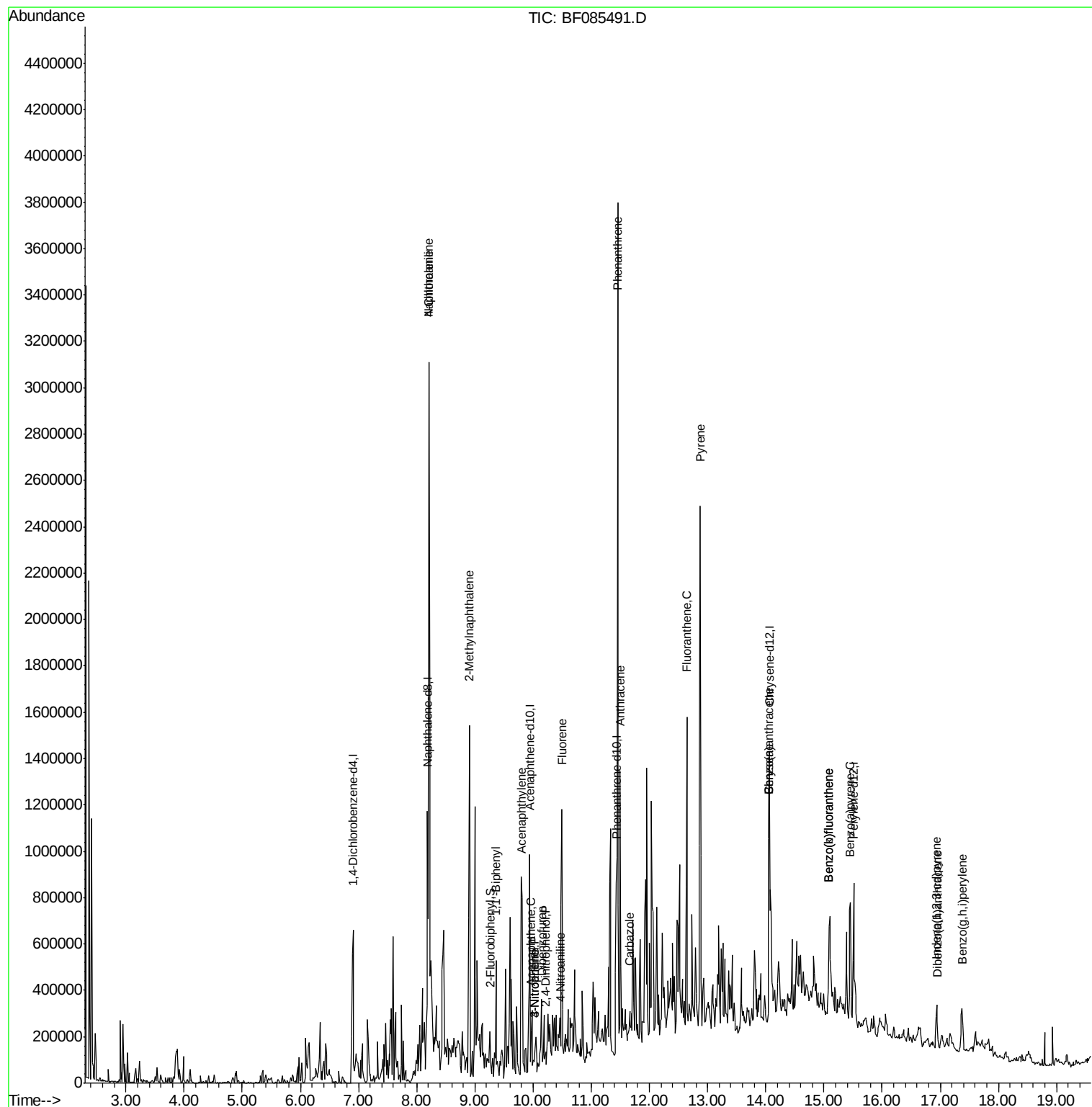
Target Compounds				Qvalue		
31) Naphthalene	8.21	128	1564238	65.33	ng	100
33) 4-Chloroaniline	8.21	127	217476	21.12	ng	# 31
37) 2-Methylnaphthalene	8.90	142	465334	30.69	ng	100
45) 1,1'-Biphenyl	9.36	154	149948	8.97	ng	94
48) Acenaphthylene	9.81	152	487139	24.03	ng	97
51) Acenaphthene	9.97	154	51769	4.06	ng	98
52) 3-Nitroaniline	10.02	138	8770	2.22	ng	# 6
53) 2,4-Dinitrophenol	10.22	184	472	7.11	ng	# 36
54) Dibenzofuran	10.15	168	98659	6.30	ng	# 92
55) 4-Nitrophenol	10.02	139	15702	5.78	ng	# 19
57) Fluorene	10.49	166	410017	32.85	ng	99
61) 4-Nitroaniline	10.47	138	8953	2.41	ng	# 45
70) Phenanthrene	11.45	178	1398906	86.55	ng	100
71) Anthracene	11.50	178	479283	29.11	ng	98
72) Carbazole	11.66	167	40887	2.94	ng	93
74) Fluoranthene	12.64	202	596006	39.23	ng	97
77) Pyrene	12.87	202	918970	56.75	ng	99
80) Benzo(a)anthracene	14.05	228	340317	27.49	ng	# 85
82) Chrysene	14.05	228	340317	30.56	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.94	276	115312	10.92	ng	94
87) Benzo(b)fluoranthene	15.09	252	320071	17.91	ng	99
88) Benzo(k)fluoranthene	15.09	252	320071	22.86	ng	98
89) Benzo(a)pyrene	15.45	252	301553	19.53	ng	97
90) Dibenzo(a,h)anthracene	16.95	278	35354	2.34	ng	# 88
91) Benzo(g,h,i)perylene	17.37	276	150364	9.76	ng	96

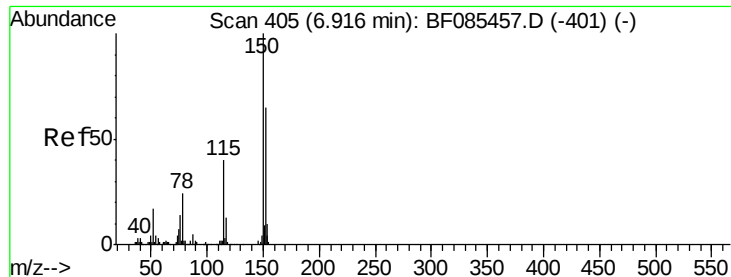
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

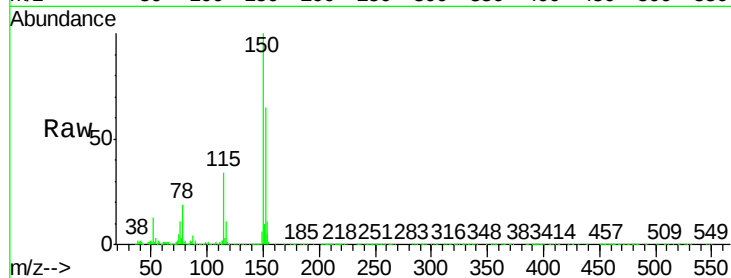
Tgt Ion:152 Resp: 121055

Ion Ratio Lower Upper

152 100

150 154.7 124.6 186.8

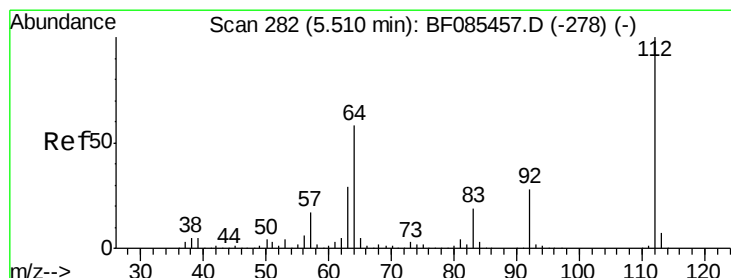
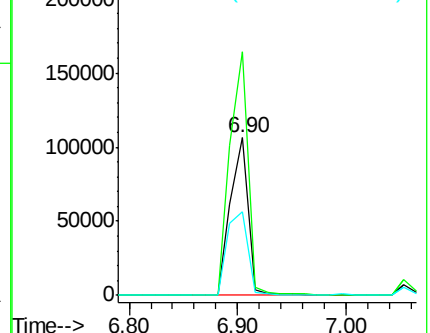
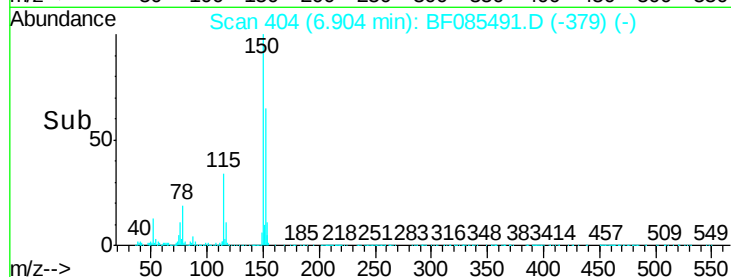
115 52.9 46.6 70.0



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: 1.19 ng

RT: 5.50 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

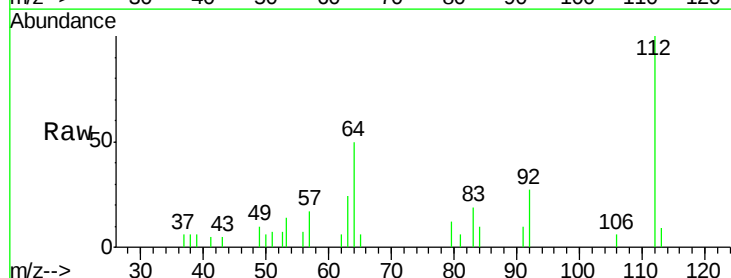
Tgt Ion:112 Resp: 8356

Ion Ratio Lower Upper

112 100

64 49.8 49.0 73.4

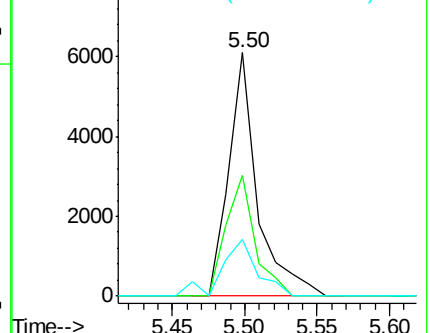
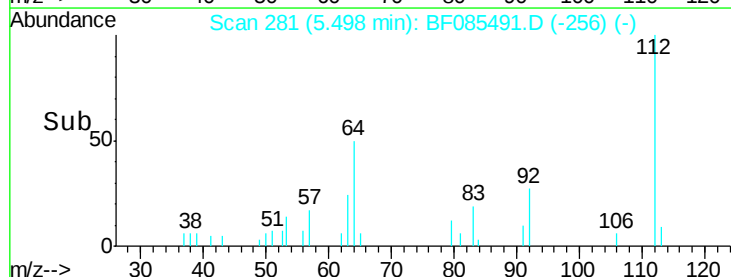
63 23.6 24.8 37.2#

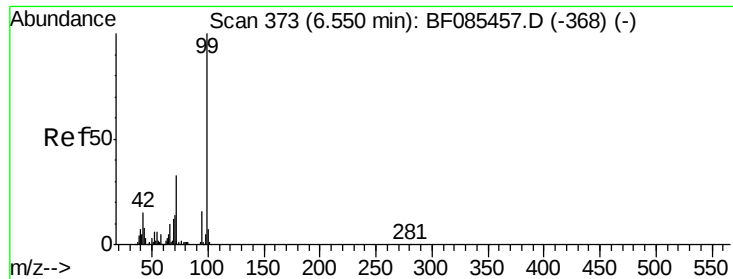


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.66 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

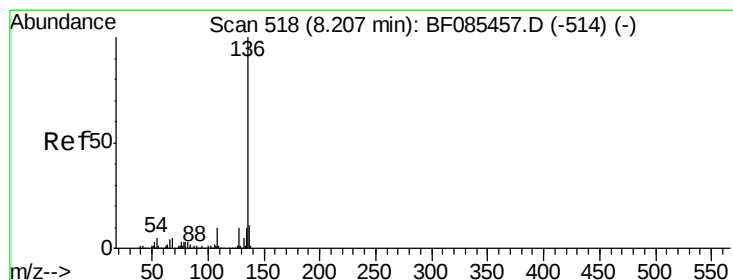
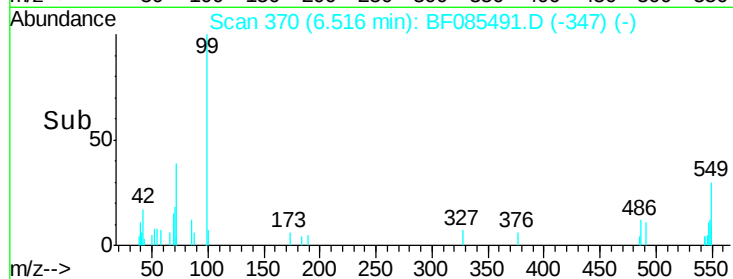
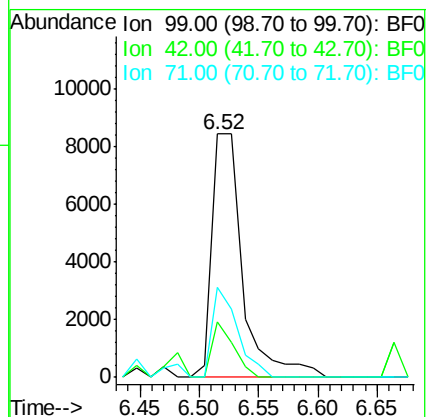
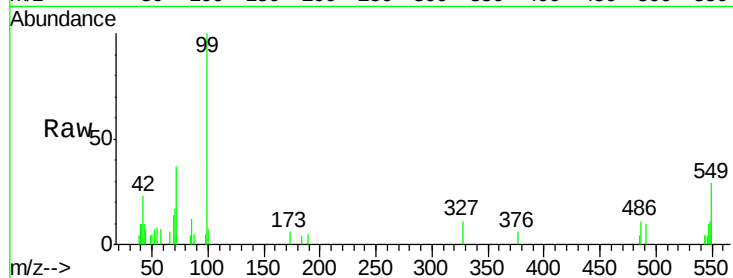
Tgt Ion: 99 Resp: 15183

Ion Ratio Lower Upper

99 100

42 22.8 13.6 20.4#

71 36.9 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Tgt Ion: 136 Resp: 490027

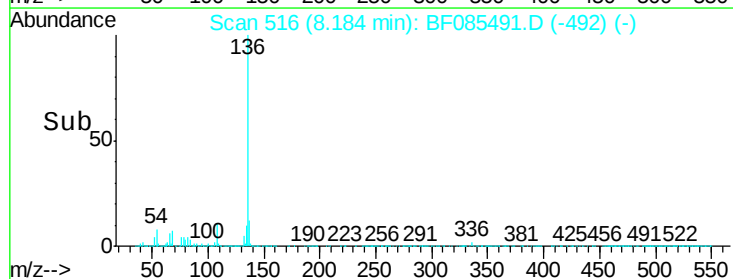
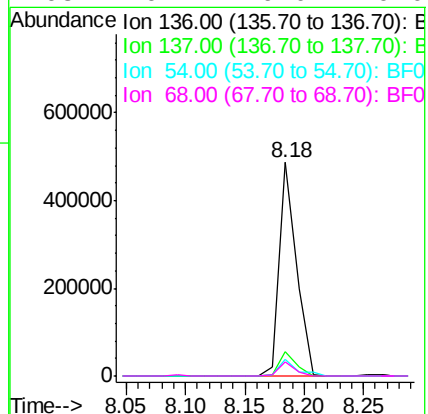
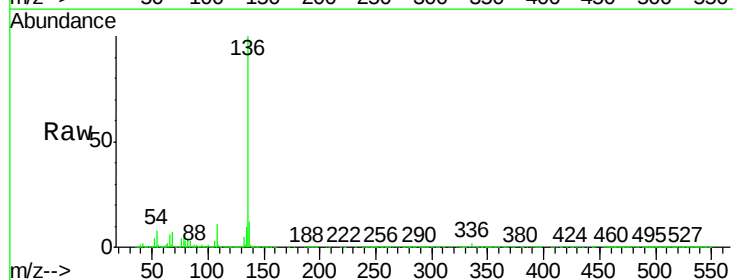
Ion Ratio Lower Upper

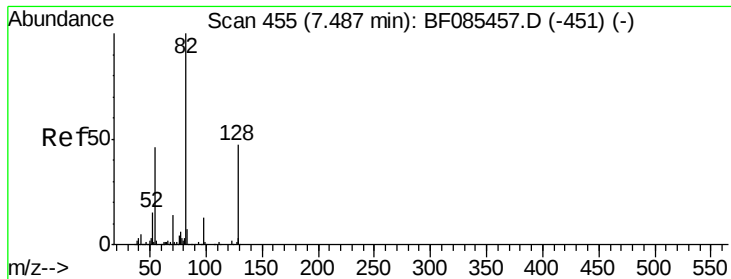
136 100

137 11.6 9.3 13.9

54 8.1 7.4 11.2

68 6.7 6.0 9.0





#23

Nitrobenzene-d5

Concen: 1.30 ng

RT: 7.46 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

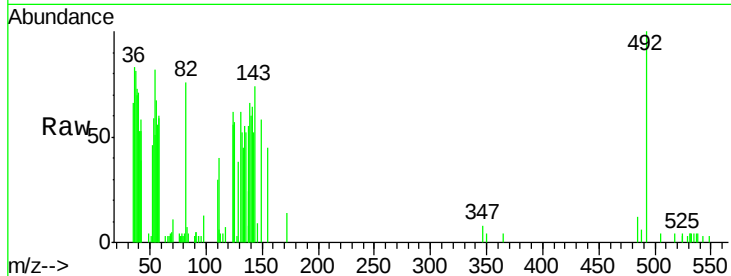
Tgt Ion: 82 Resp: 10770

Ion Ratio Lower Upper

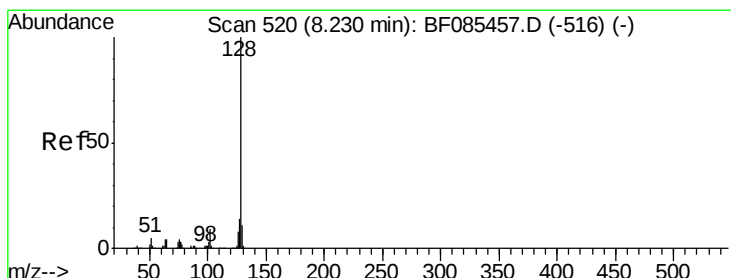
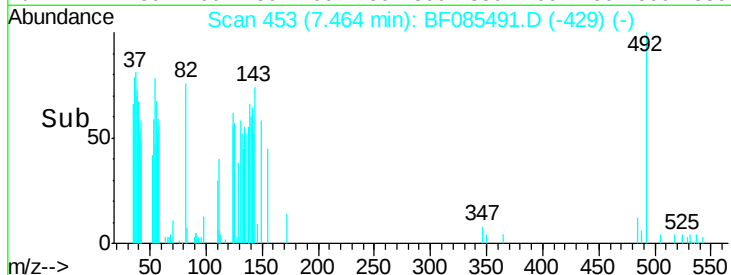
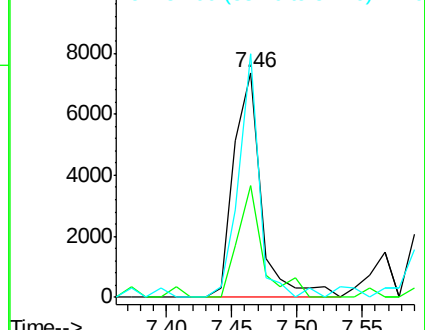
82 100

128 49.8 34.5 51.7

54 108.4 39.3 58.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 65.33 ng

RT: 8.21 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

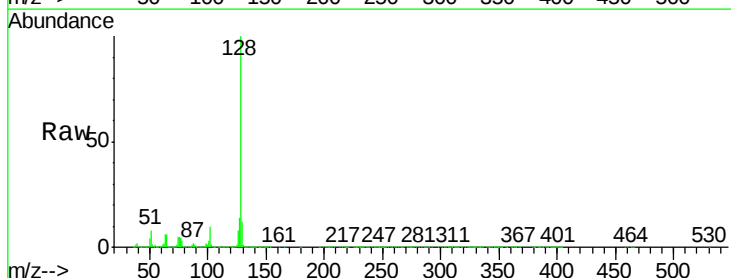
Tgt Ion: 128 Resp: 1564238

Ion Ratio Lower Upper

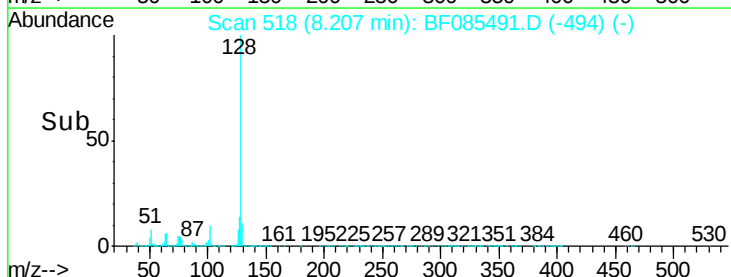
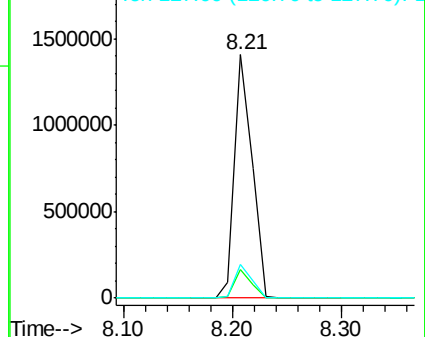
128 100

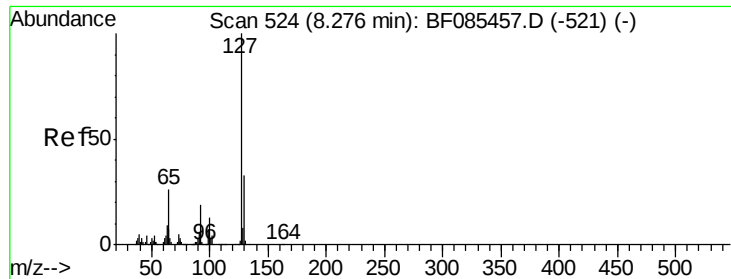
129 11.9 9.7 14.5

127 14.0 11.2 16.8



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

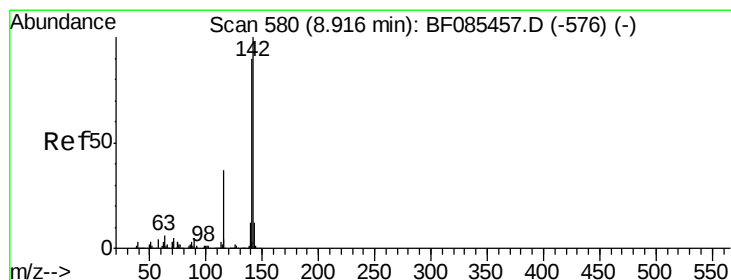
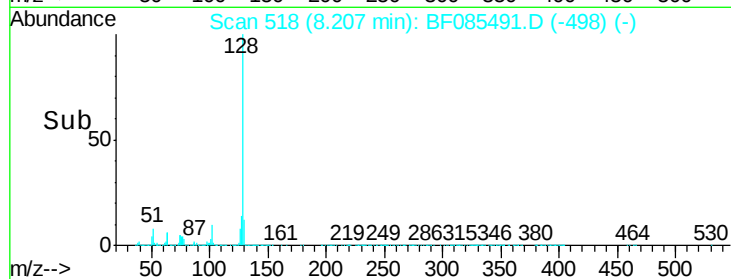
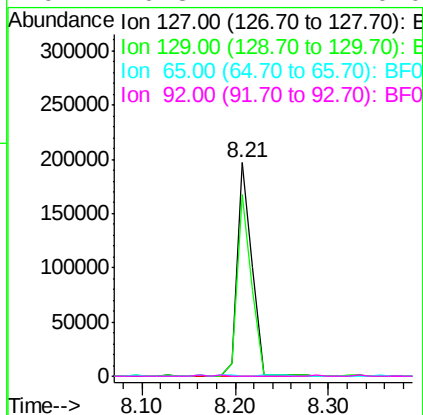
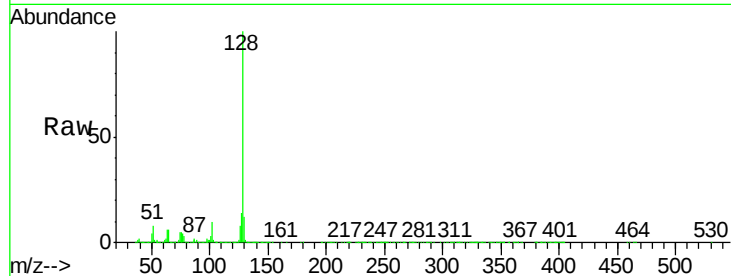




#33
4-Chloroaniline
Concen: 21.12 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.07 min
Lab File: BF085491.D
Acq: 17 Mar 2016 5:16

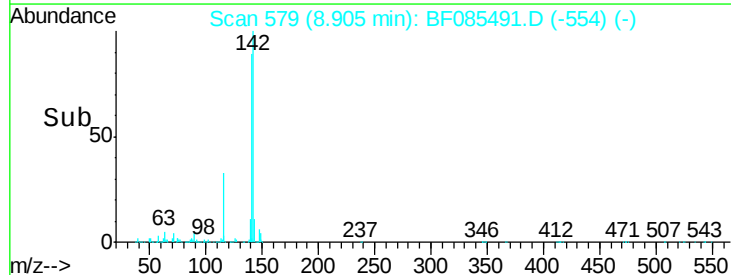
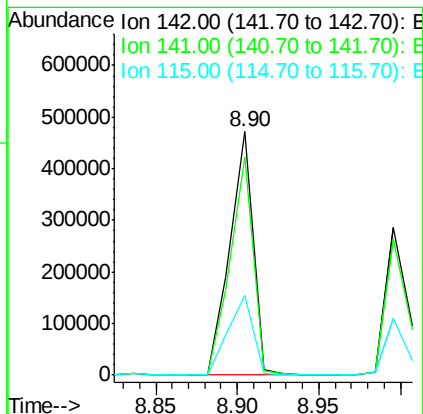
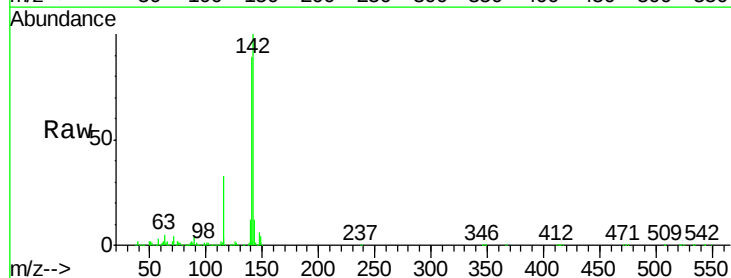
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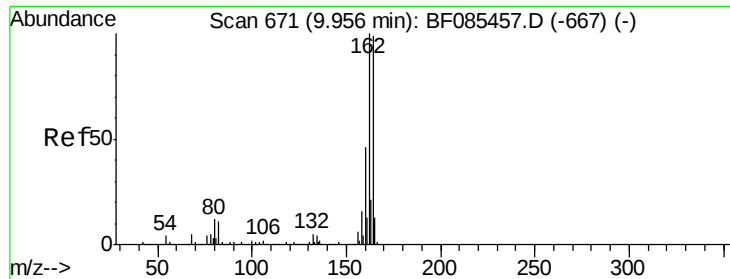
Tgt Ion:127 Resp: 217476
Ion Ratio Lower Upper
127 100
129 85.3 26.1 39.1#
65 0.0 27.0 40.6#
92 0.3 17.4 26.0#



#37
2-Methylnaphthalene
Concen: 30.69 ng
RT: 8.90 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF085491.D
Acq: 17 Mar 2016 5:16

Tgt Ion:142 Resp: 465334
Ion Ratio Lower Upper
142 100
141 89.5 71.7 107.5
115 32.7 26.2 39.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

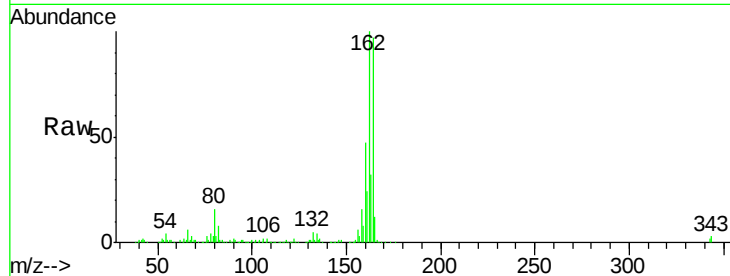
Tgt Ion:164 Resp: 204851

Ion Ratio Lower Upper

164 100

162 103.1 83.3 124.9

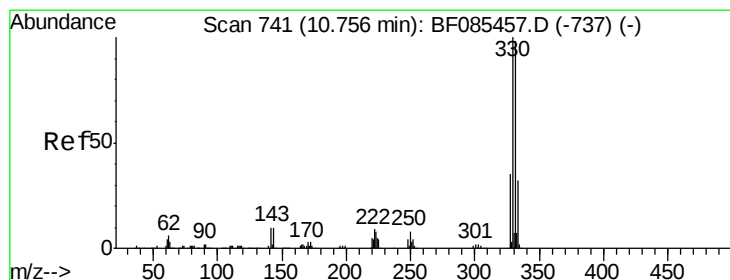
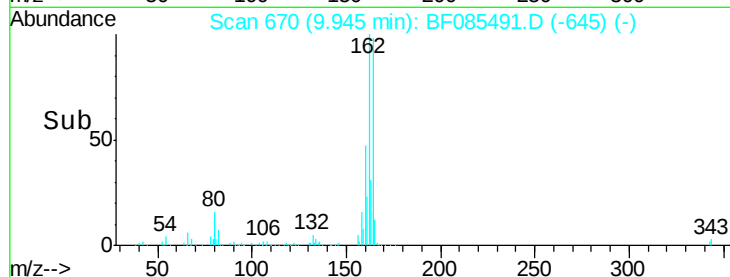
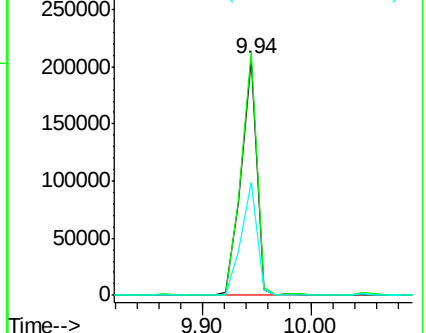
160 48.1 37.9 56.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 1.50 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

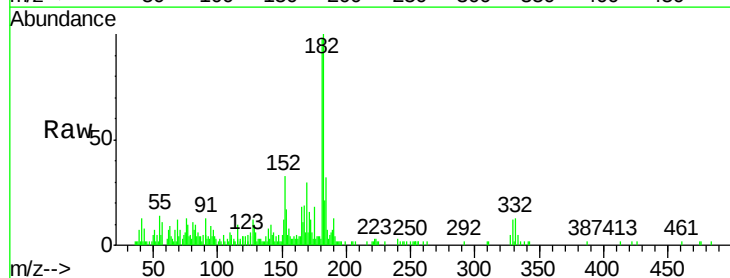
Tgt Ion:330 Resp: 2826

Ion Ratio Lower Upper

330 100

332 108.0 77.1 115.7

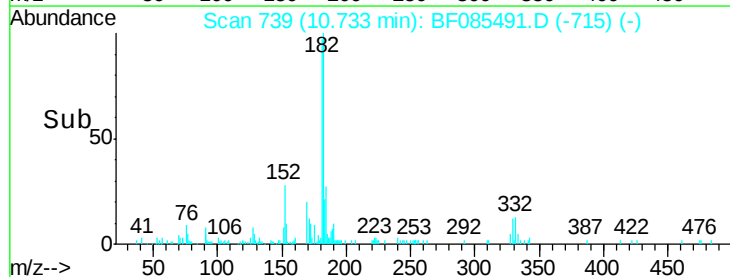
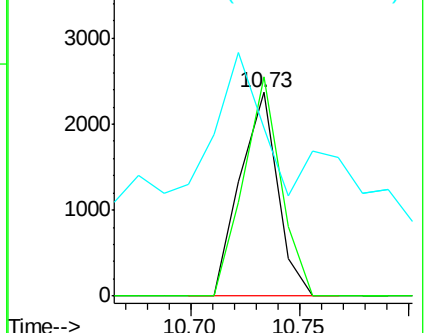
141 80.3 35.0 52.6#

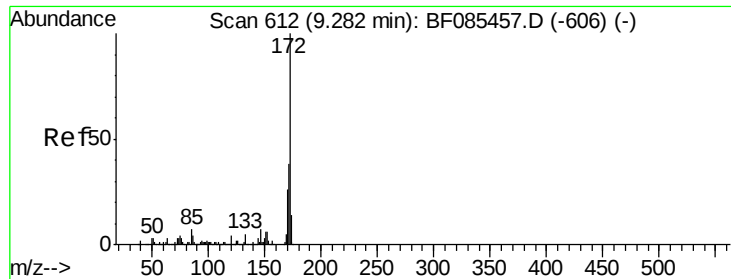


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 2.46 ng

RT: 9.26 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

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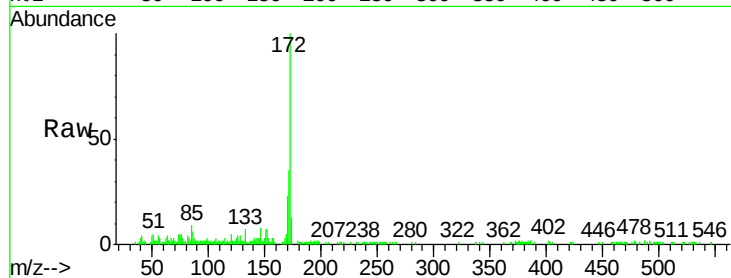
Tgt Ion:172 Resp: 29024

Ion Ratio Lower Upper

172 100

171 34.7 29.3 43.9

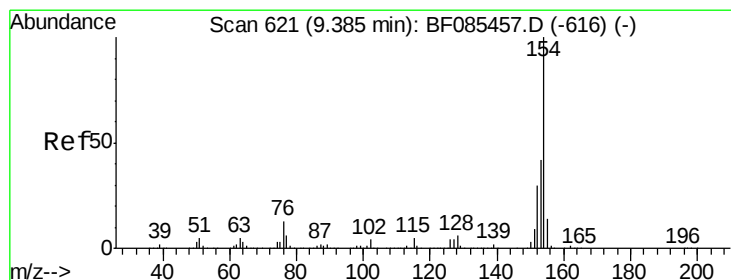
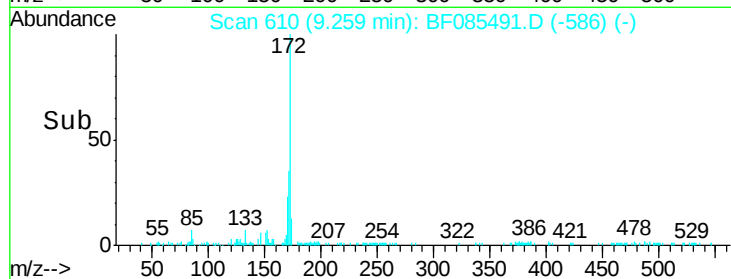
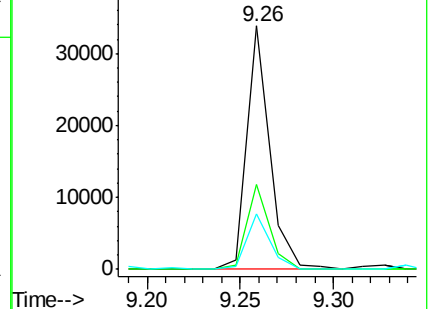
170 23.0 20.0 30.0



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



#45

1,1'-Biphenyl

Concen: 8.97 ng

RT: 9.36 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

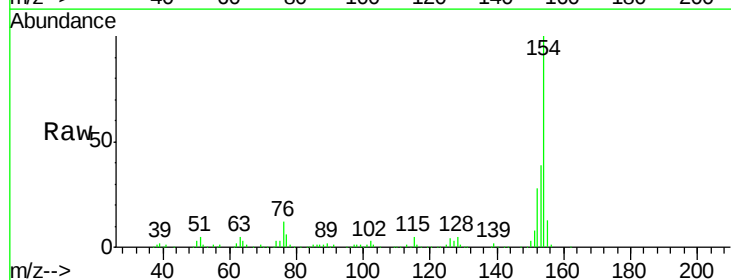
Tgt Ion:154 Resp: 149948

Ion Ratio Lower Upper

154 100

153 39.4 21.4 61.4

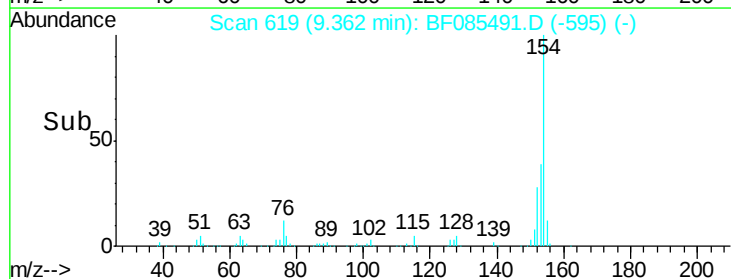
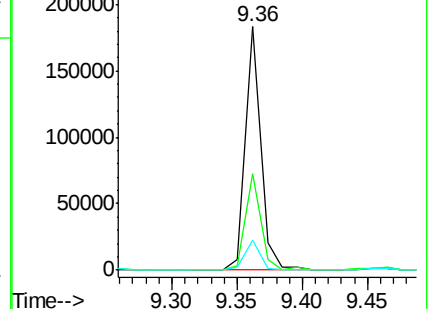
76 12.1 0.0 37.5

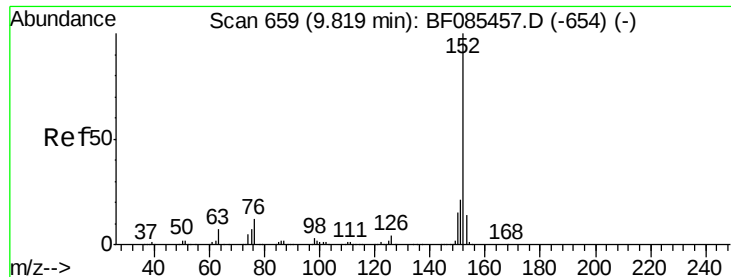


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 24.03 ng

RT: 9.81 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

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AOU2-SB09(6-8)

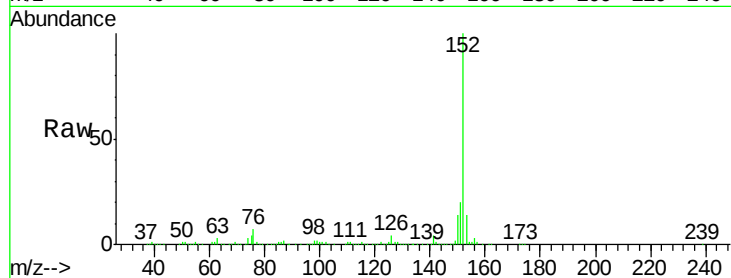
Tgt Ion:152 Resp: 487139

Ion Ratio Lower Upper

152 100

151 20.0 17.5 26.3

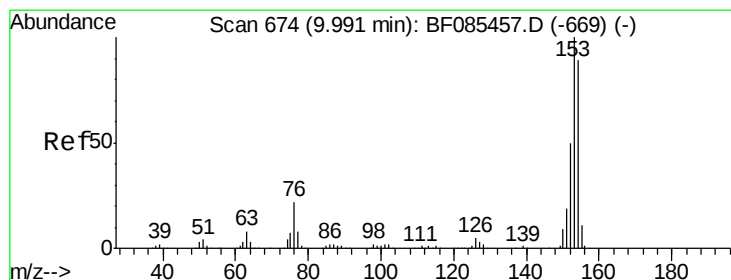
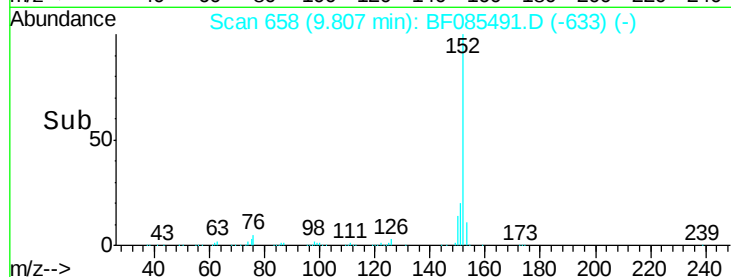
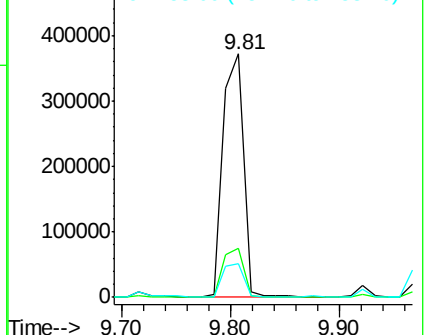
153 13.7 11.3 16.9



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



#51

Acenaphthene

Concen: 4.06 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

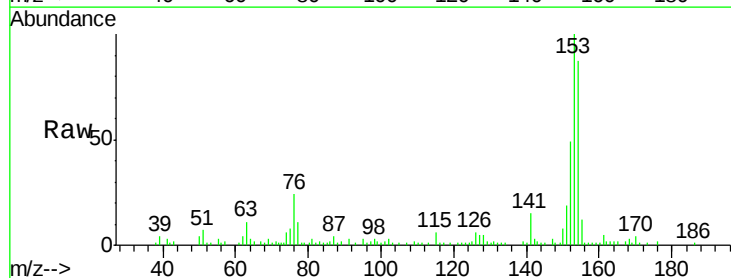
Tgt Ion:154 Resp: 51769

Ion Ratio Lower Upper

154 100

153 114.8 89.8 134.8

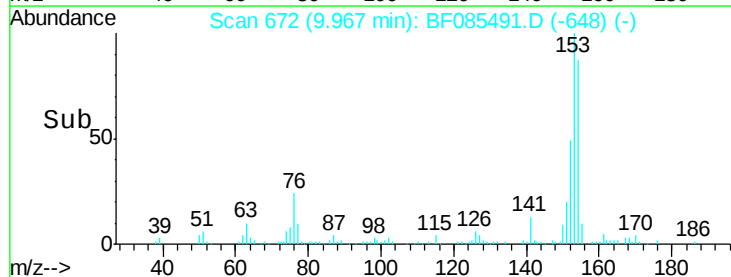
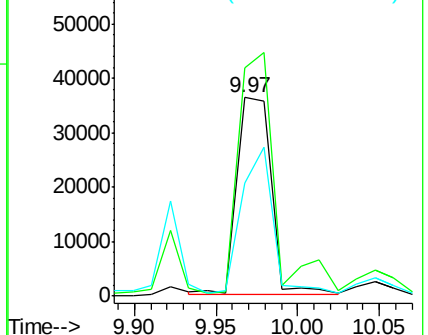
152 56.8 44.6 66.8

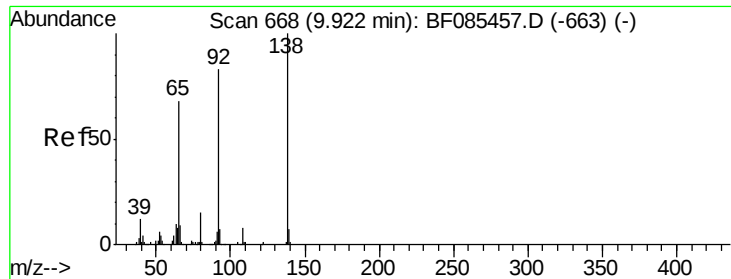


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 2.22 ng

RT: 10.02 min Scan# 677

Delta R.T. 0.10 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

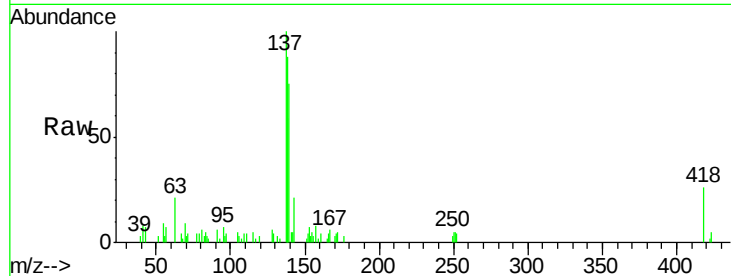
Tgt Ion:138 Resp: 8770

Ion Ratio Lower Upper

138 100

108 0.0 7.8 11.6#

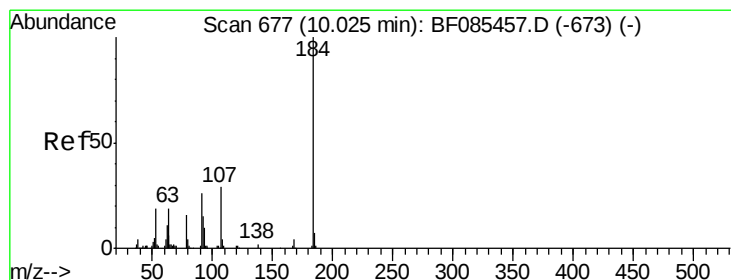
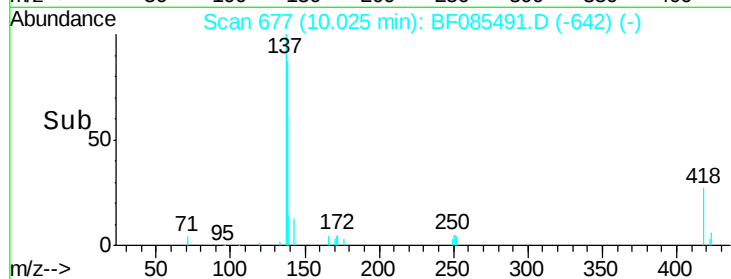
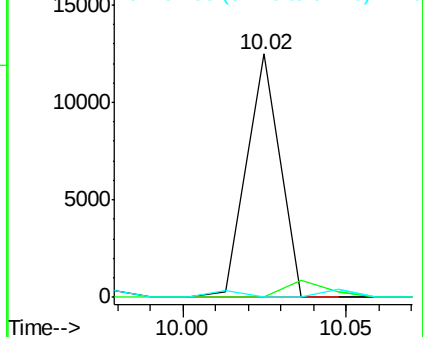
92 0.0 81.3 121.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 7.11 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.19 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

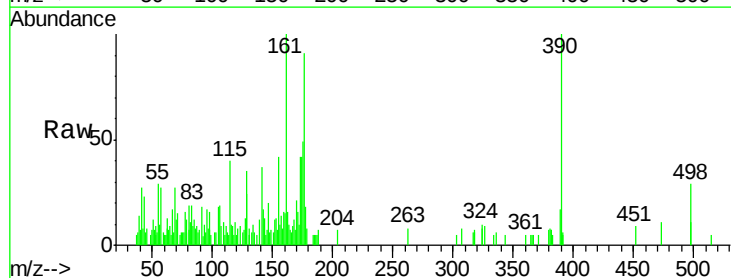
Tgt Ion:184 Resp: 472

Ion Ratio Lower Upper

184 100

63 250.3 82.2 123.4#

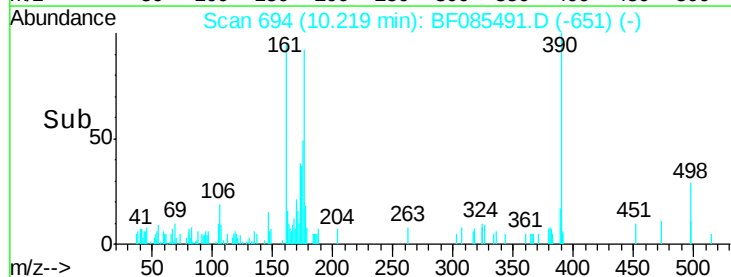
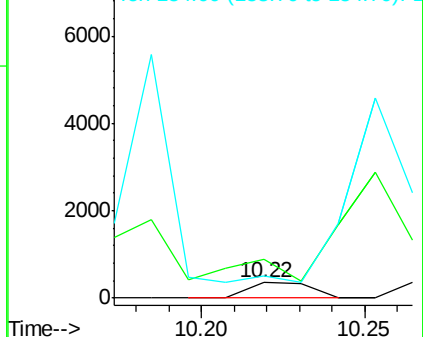
154 138.3 108.9 163.3

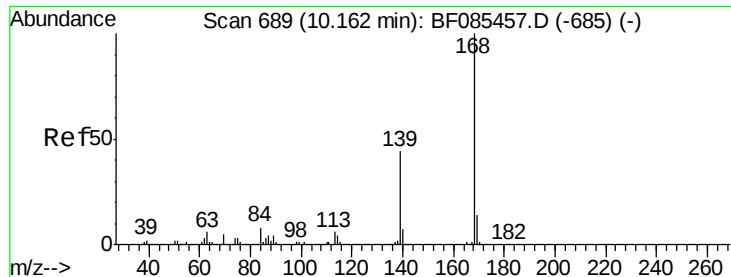


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

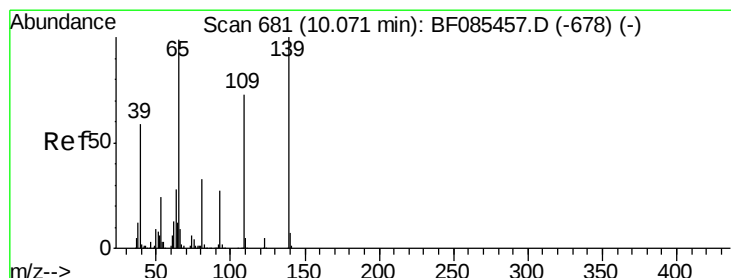
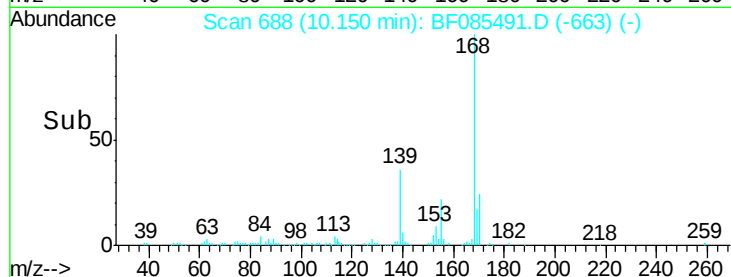
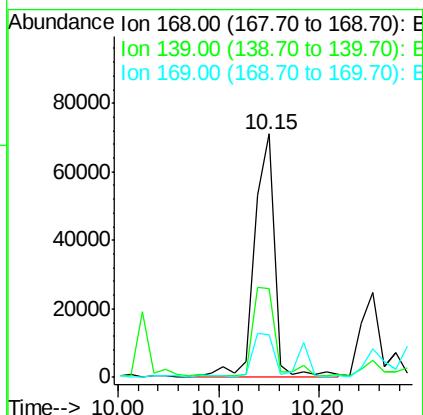
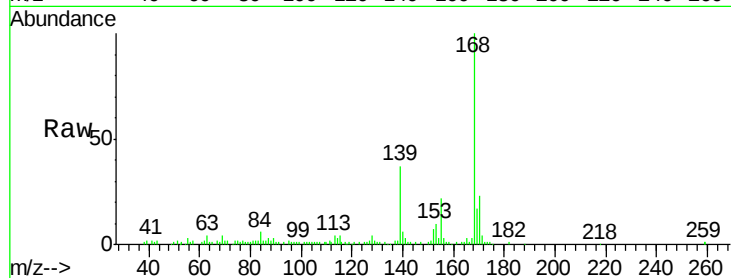




#54
Dibenzenofuran
Concen: 6.30 ng
RT: 10.15 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF085491.D
Acq: 17 Mar 2016 5:16

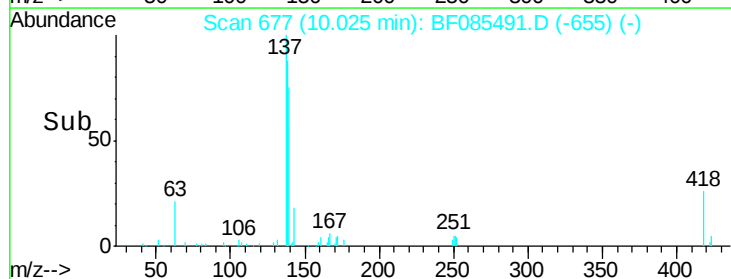
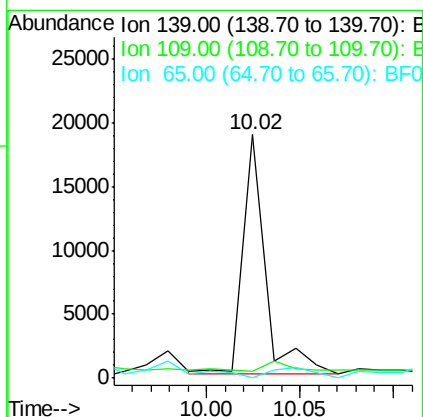
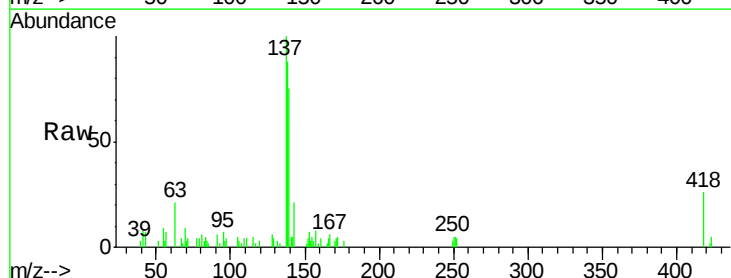
Instrument :
BNA_F
ClientSampleId :
AOU2-SB09(6-8)

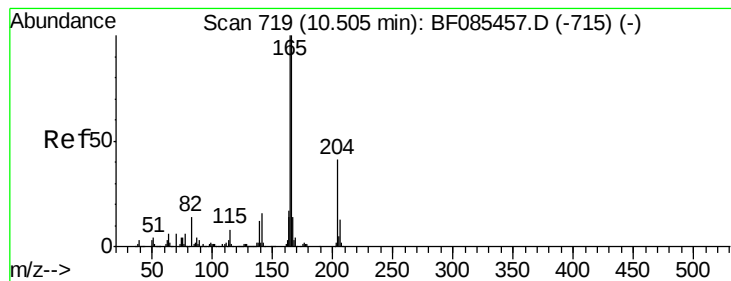
Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	33.6	50.4
169	17.4	11.2	16.8#



#55
4-Nitrophenol
Concen: 5.78 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.05 min
Lab File: BF085491.D
Acq: 17 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	2.9	41.9	81.9#
65	0.0	48.3	88.3#





#57

Fluorene

Concen: 32.85 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

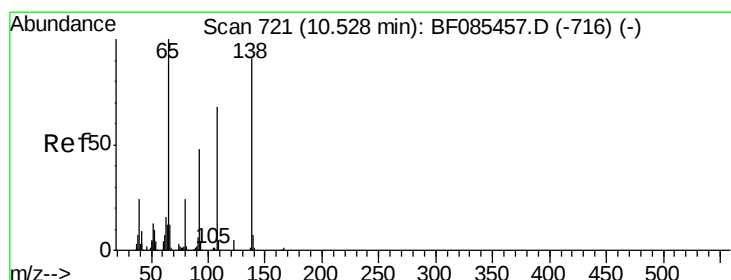
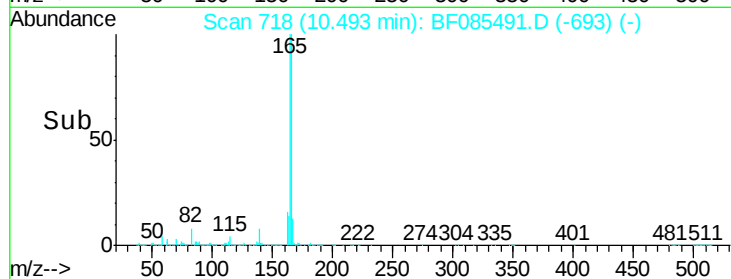
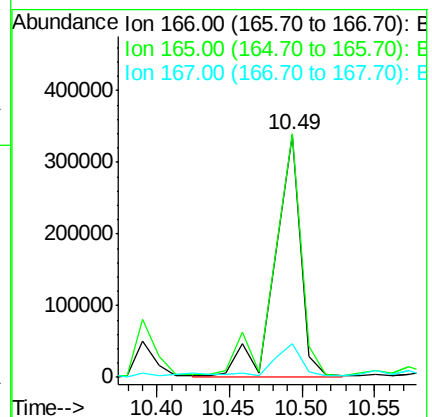
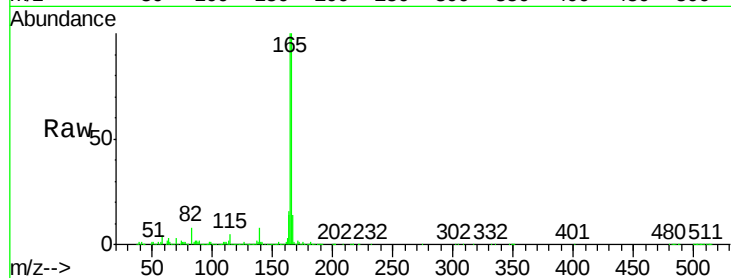
Tgt Ion:166 Resp: 410017

Ion Ratio Lower Upper

166 100

165 100.5 79.4 119.0

167 13.8 11.0 16.6



#61

4-Nitroaniline

Concen: 2.41 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.06 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

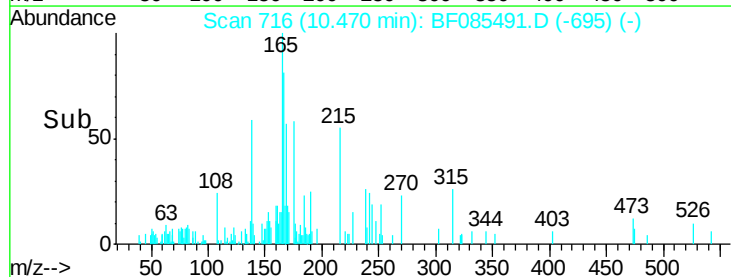
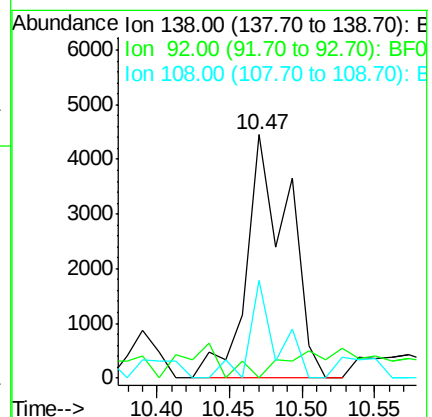
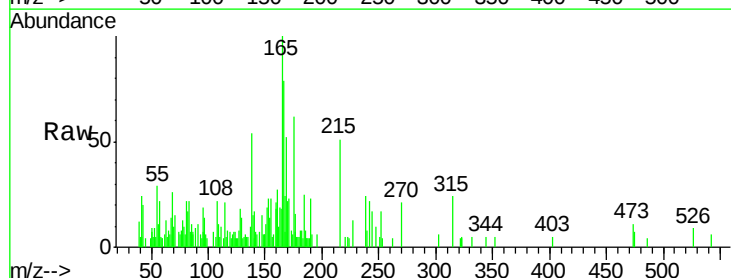
Tgt Ion:138 Resp: 8953

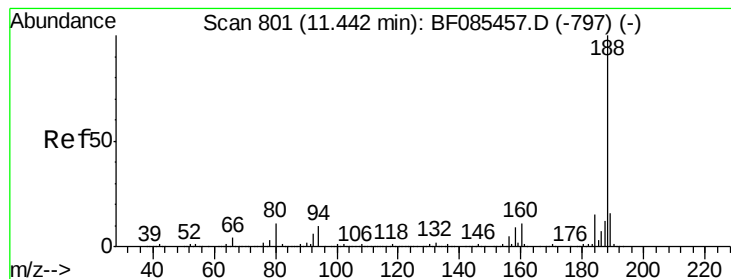
Ion Ratio Lower Upper

138 100

92 0.0 34.2 74.2#

108 40.2 53.9 93.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

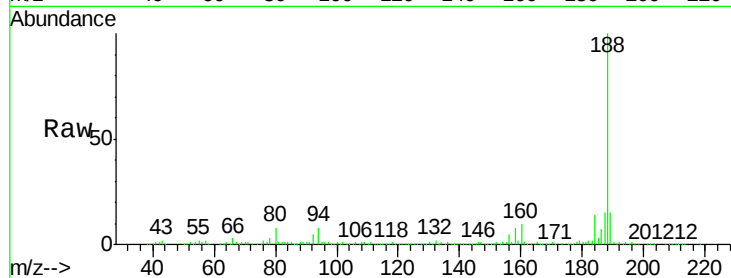
Tgt Ion:188 Resp: 310330

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.6

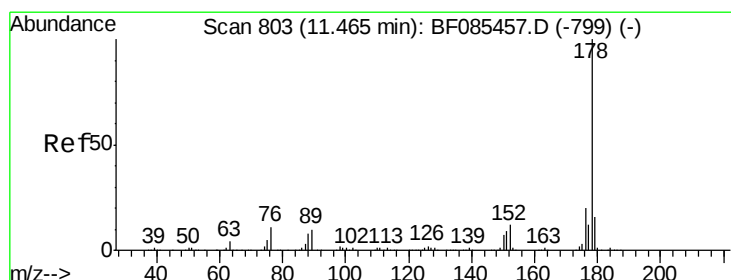
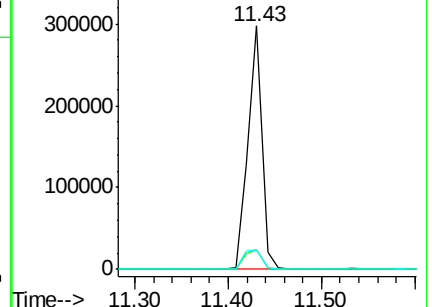
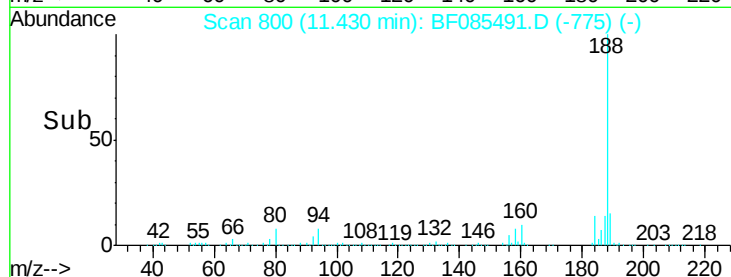
80 8.0 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 86.55 ng

RT: 11.45 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

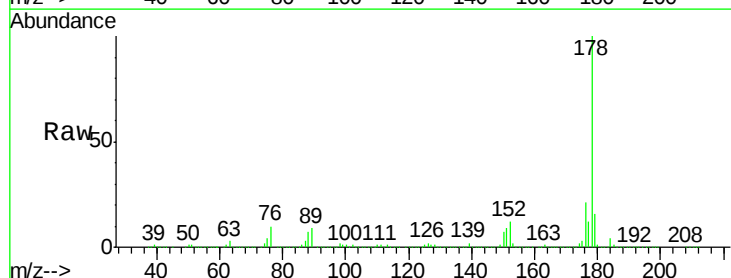
Tgt Ion:178 Resp: 1398906

Ion Ratio Lower Upper

178 100

176 20.9 16.8 25.2

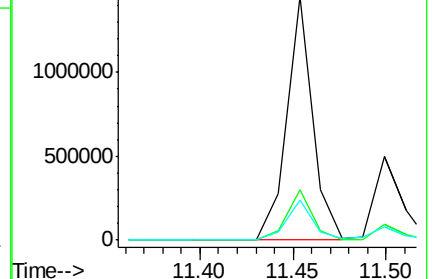
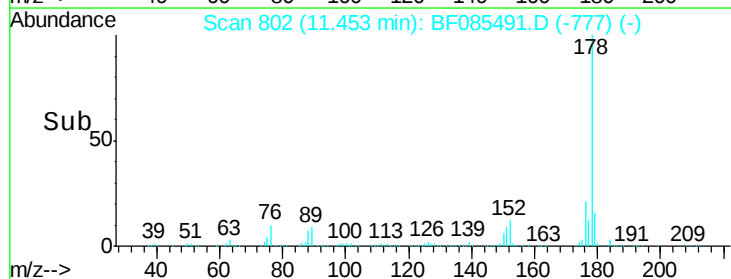
179 16.4 13.1 19.7

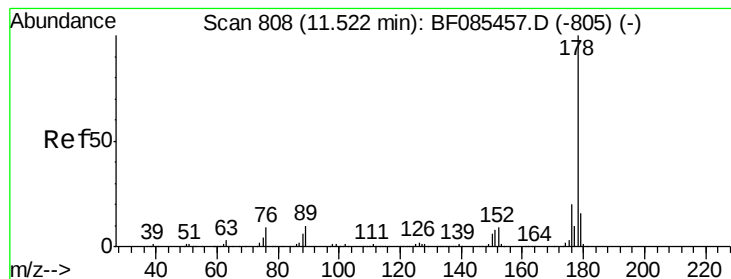


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 29.11 ng

RT: 11.50 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

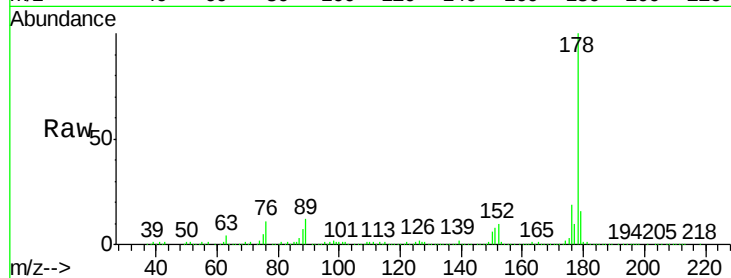
Tgt Ion:178 Resp: 479283

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

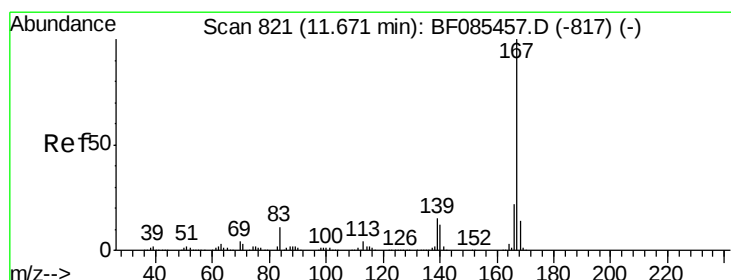
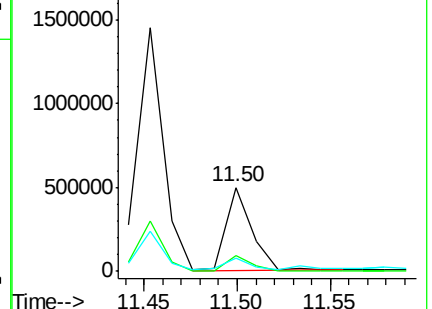
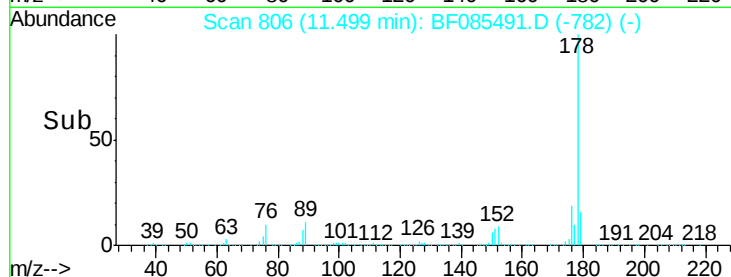
179 16.5 12.5 18.7



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: 2.94 ng

RT: 11.66 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

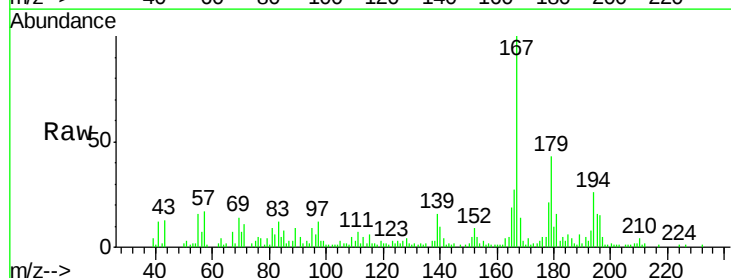
Tgt Ion:167 Resp: 40887

Ion Ratio Lower Upper

167 100

166 27.0 18.2 27.2

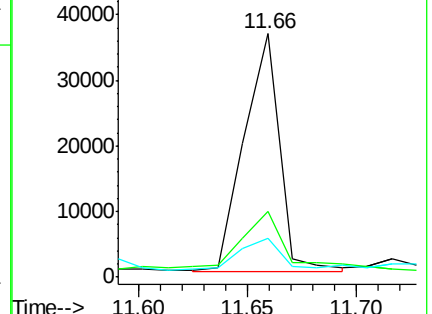
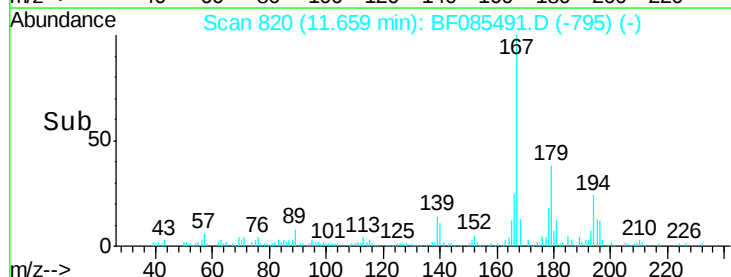
139 15.9 11.4 17.0

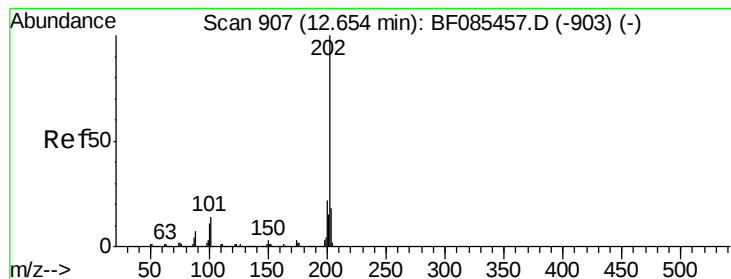


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 39.23 ng

RT: 12.64 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

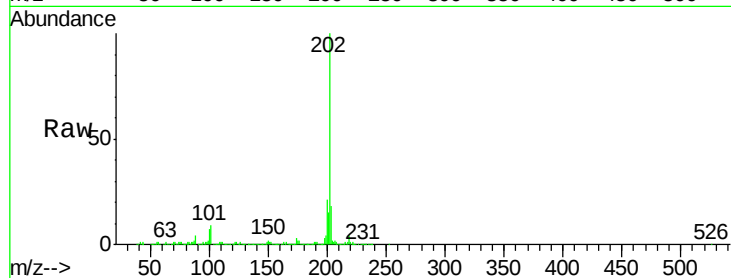
Tgt Ion:202 Resp: 596006

Ion Ratio Lower Upper

202 100

101 9.4 0.0 31.8

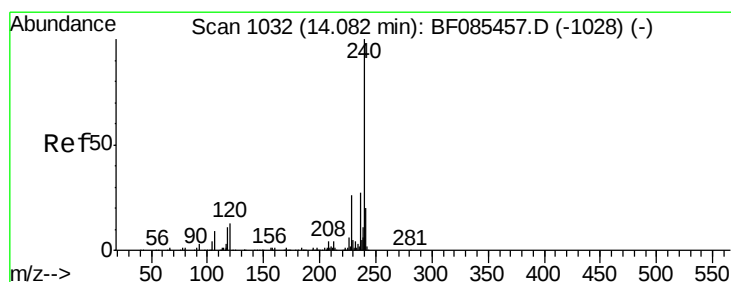
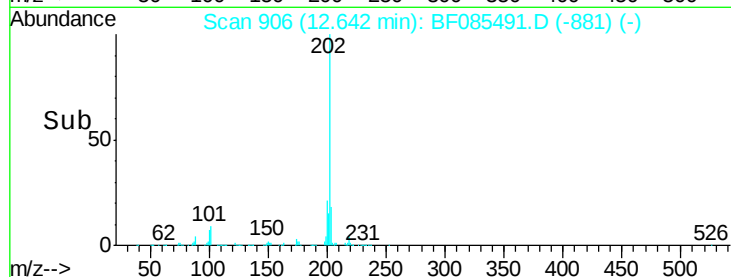
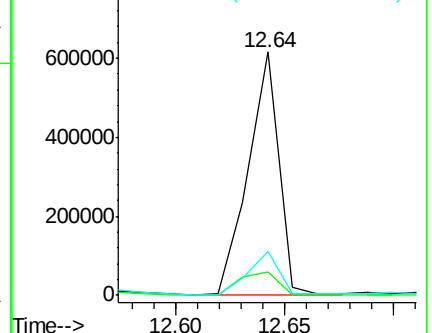
203 18.0 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

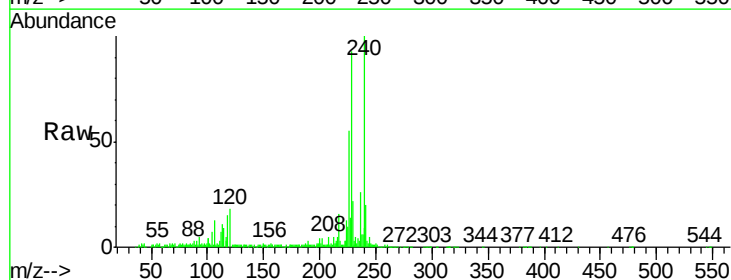
Tgt Ion:240 Resp: 215908

Ion Ratio Lower Upper

240 100

120 18.2 5.3 7.9#

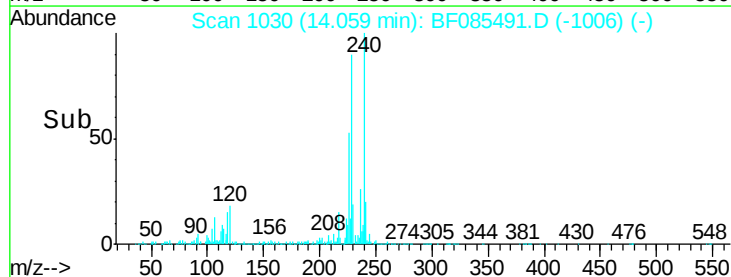
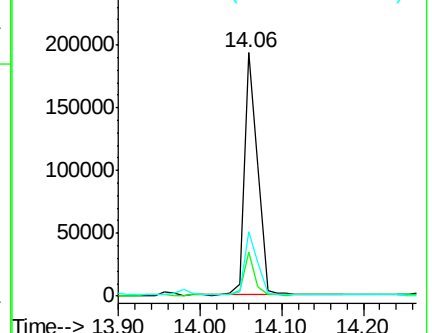
236 26.3 20.7 31.1

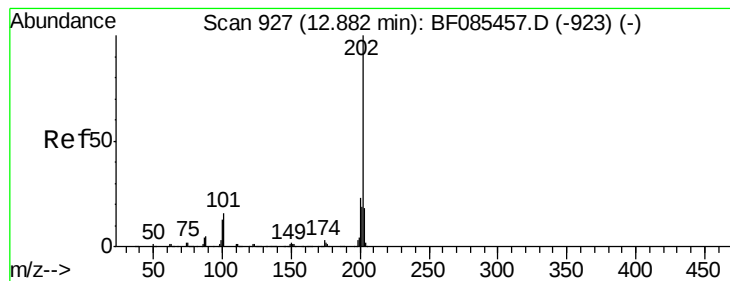


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 56.75 ng

RT: 12.87 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

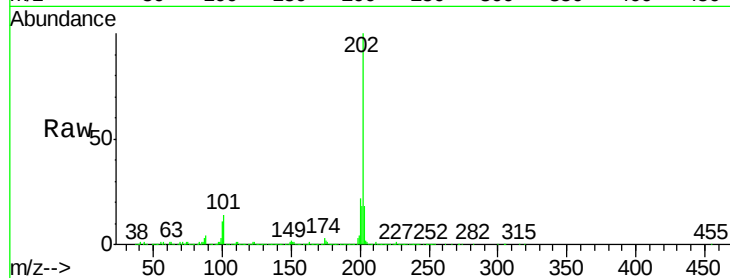
Tgt Ion:202 Resp: 918970

Ion Ratio Lower Upper

202 100

200 22.0 18.2 27.4

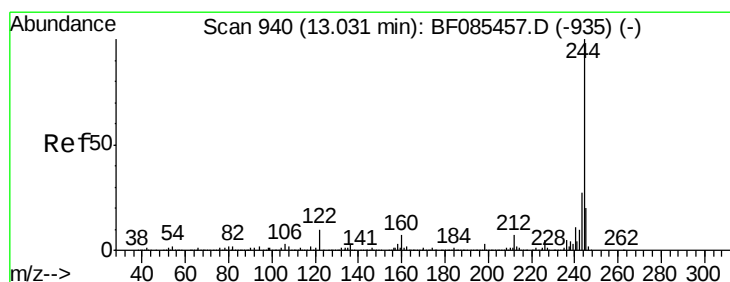
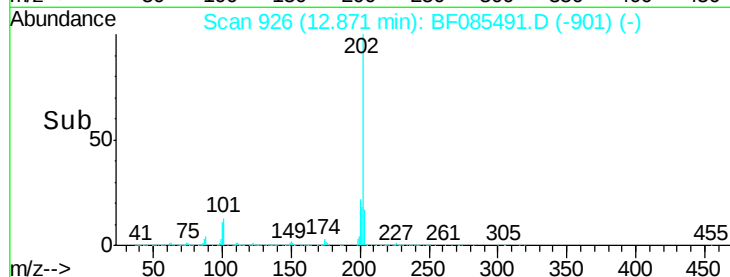
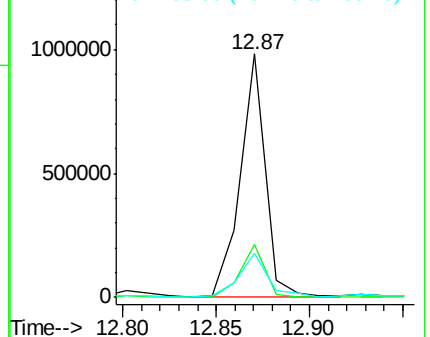
203 17.9 14.7 22.1



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: 1.84 ng

RT: 13.01 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

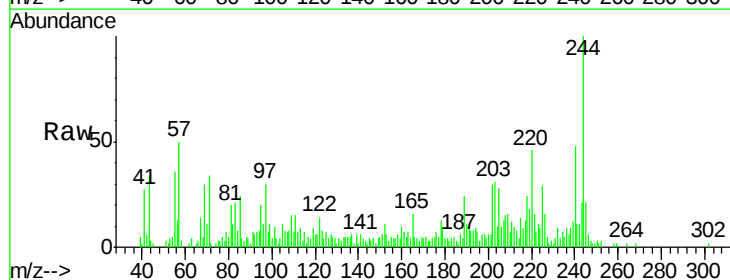
Tgt Ion:244 Resp: 17559

Ion Ratio Lower Upper

244 100

212 10.2 6.4 9.6#

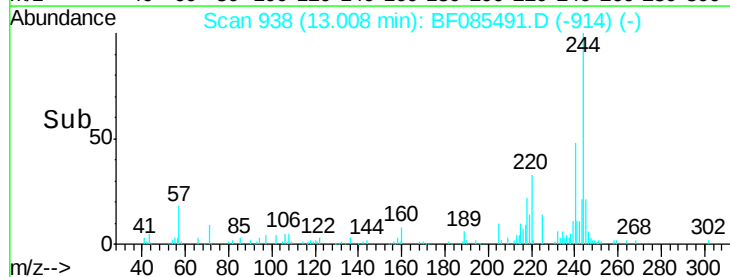
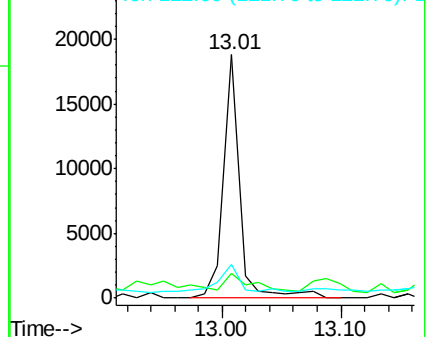
122 13.7 11.4 17.2

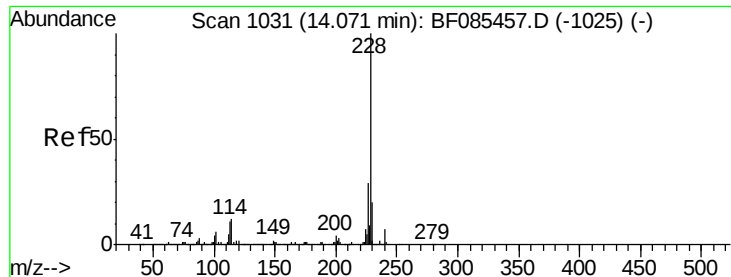


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 27.49 ng

RT: 14.05 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

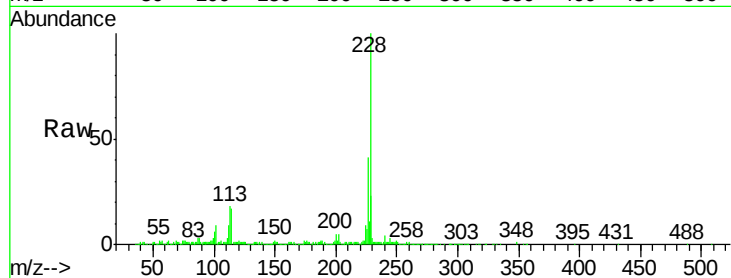
Tgt Ion:228 Resp: 340317

Ion Ratio Lower Upper

228 100

226 40.5 22.8 34.2#

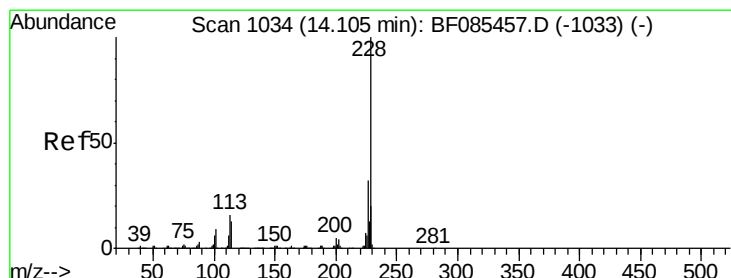
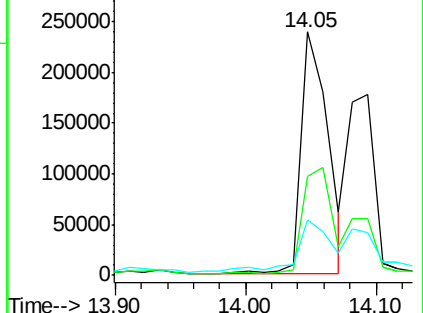
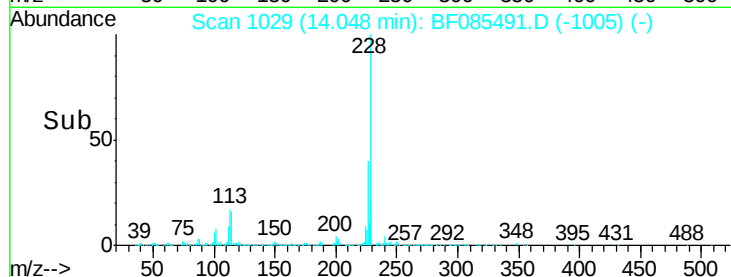
229 23.0 16.6 24.8



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



#82

Chrysene

Concen: 30.56 ng

RT: 14.05 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

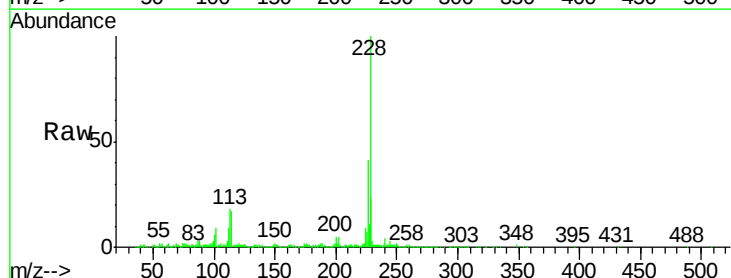
Tgt Ion:228 Resp: 340317

Ion Ratio Lower Upper

228 100

226 40.5 25.2 37.8#

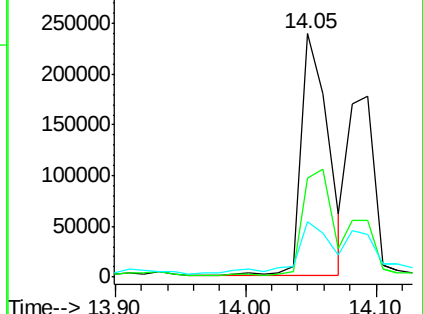
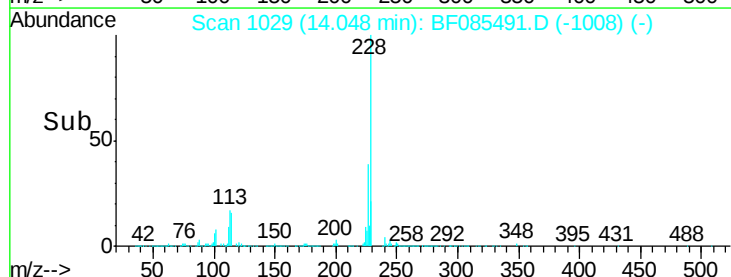
229 23.0 16.0 24.0

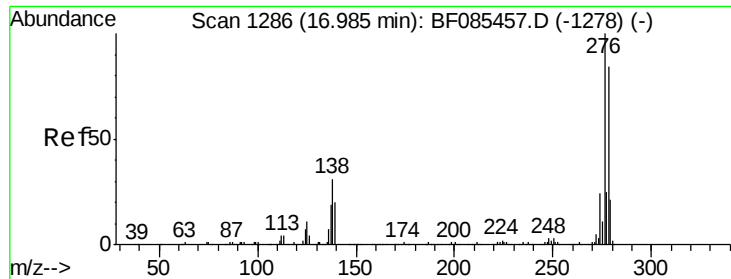


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

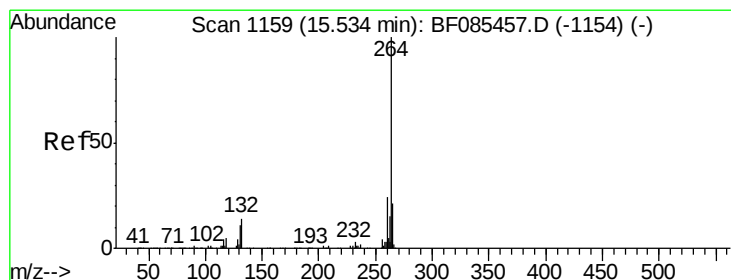
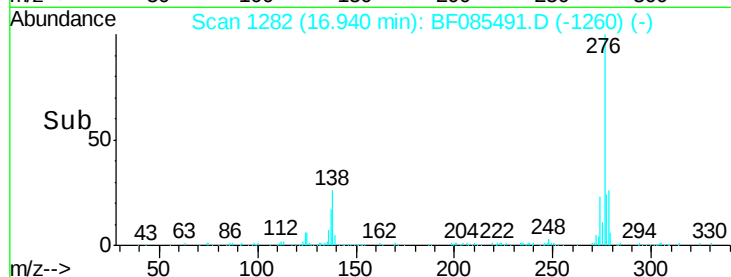
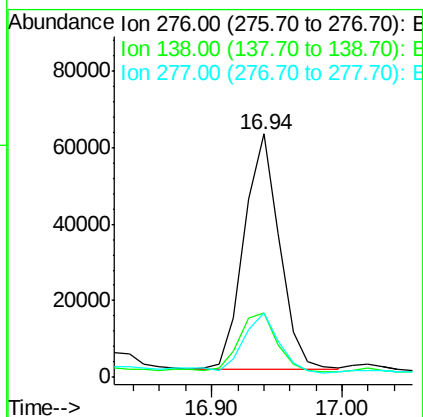
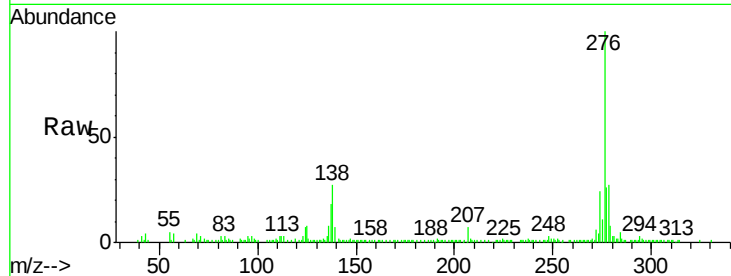




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.92 ng
 RT: 16.94 min Scan# 1282
 Delta R.T. -0.05 min
 Lab File: BF085491.D
 Acq: 17 Mar 2016 5:16

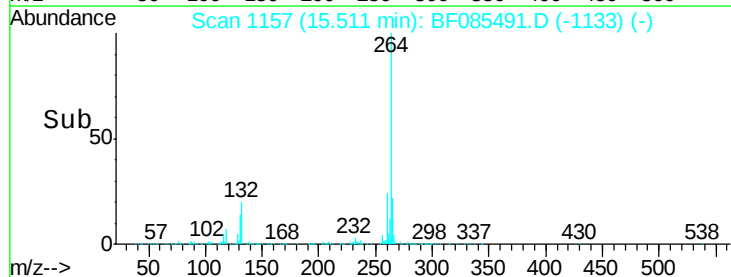
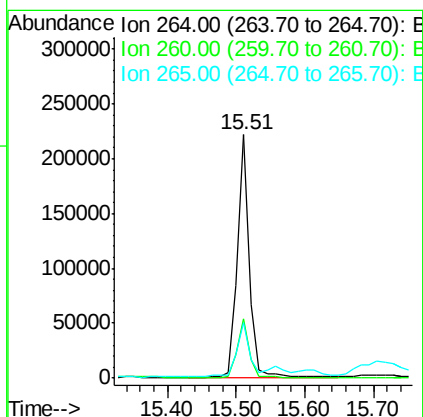
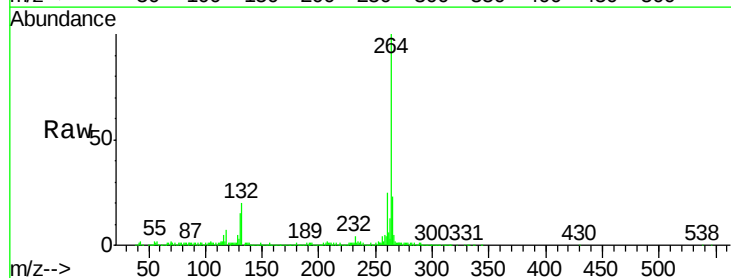
Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB09(6-8)

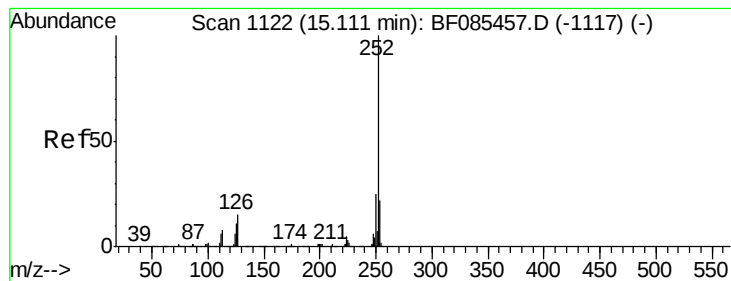
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	26.4	39.6
277	25.2	20.2	30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF085491.D
 Acq: 17 Mar 2016 5:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 17.91 ng

RT: 15.09 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

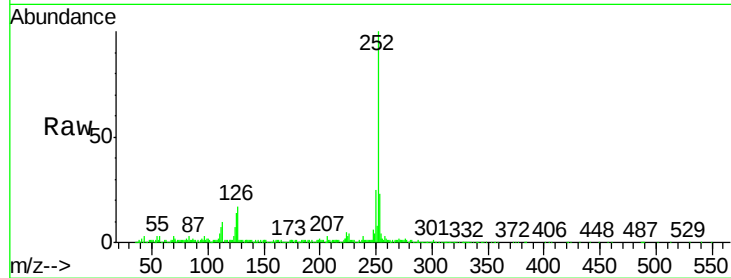
Tgt Ion:252 Resp: 320071

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 14.4 11.3 16.9

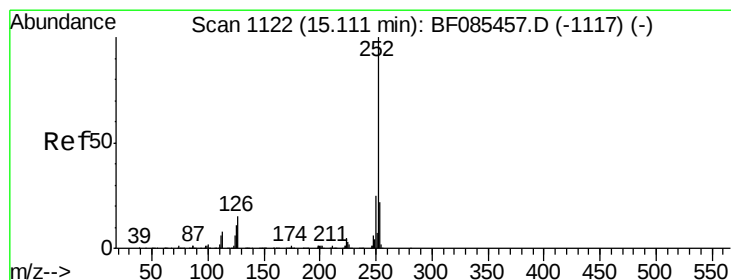
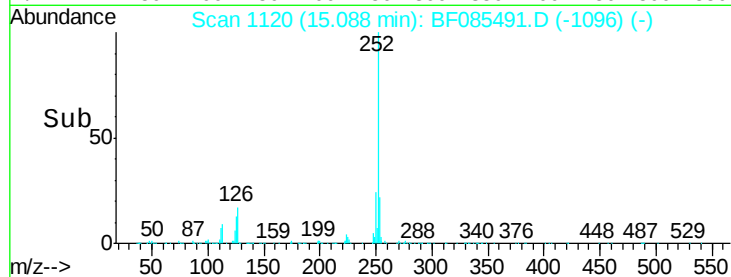
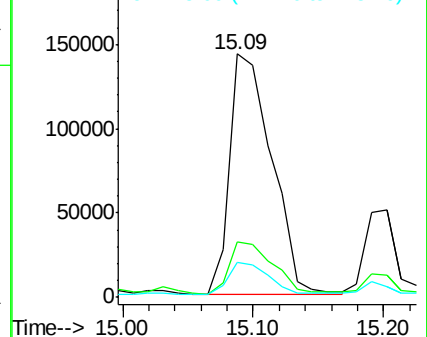


Abundance

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: 22.86 ng

RT: 15.09 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

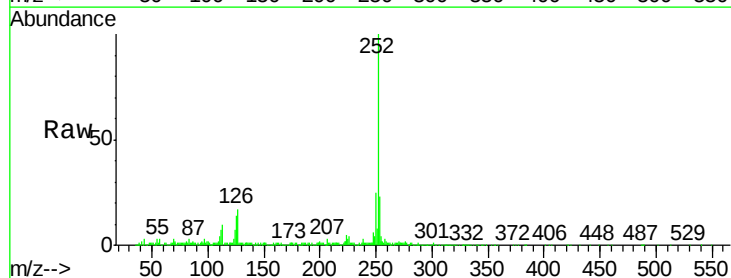
Tgt Ion:252 Resp: 320071

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 14.4 10.4 15.6

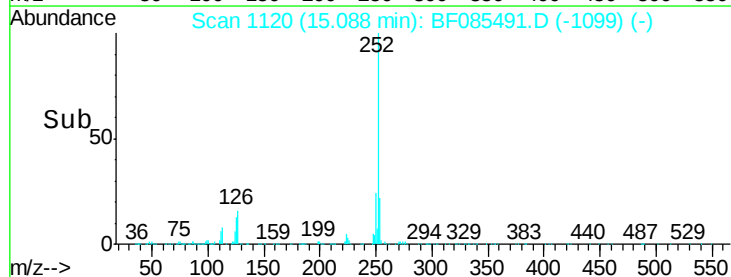
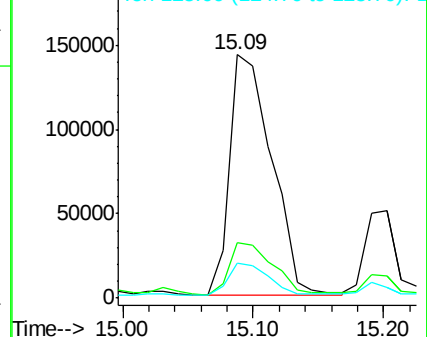


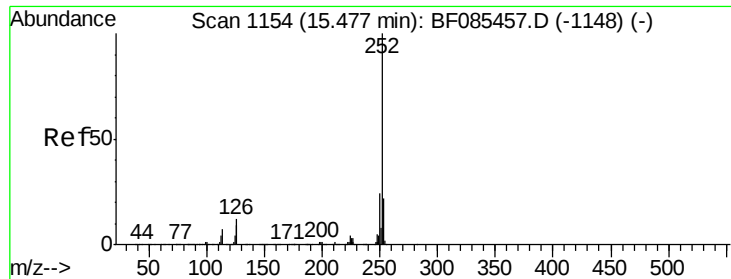
Abundance

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





#89

Benzo(a)pyrene

Concen: 19.53 ng

RT: 15.45 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

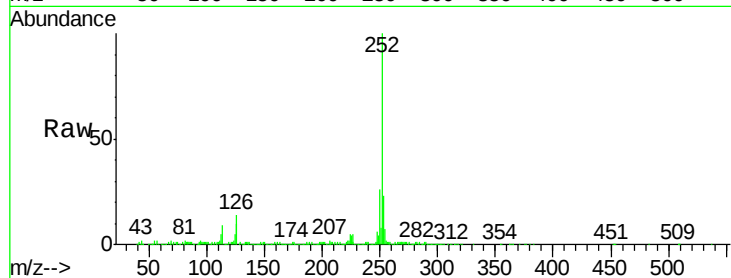
Tgt Ion: 252 Resp: 301553

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

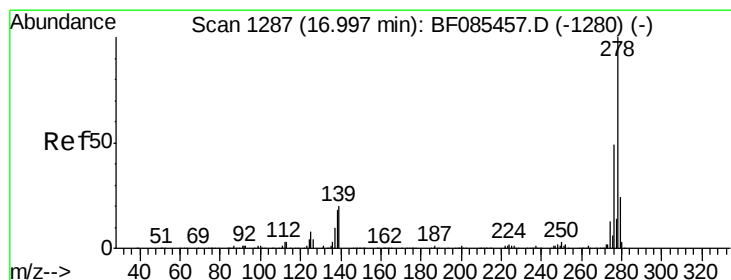
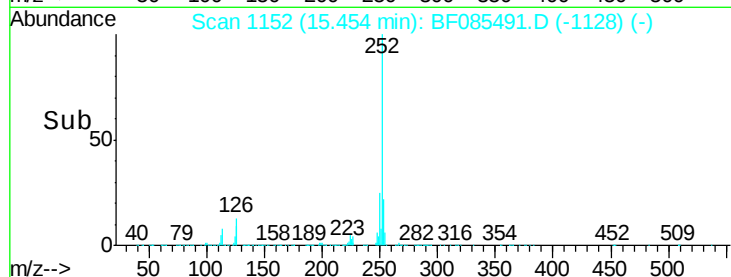
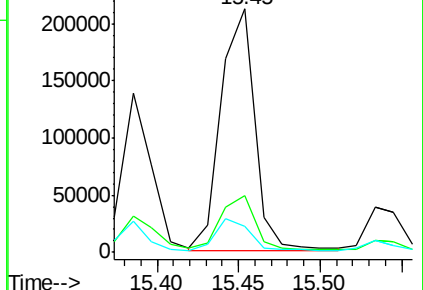
125 10.5 8.2 12.4



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: 2.34 ng

RT: 16.95 min Scan# 1283

Delta R.T. -0.05 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

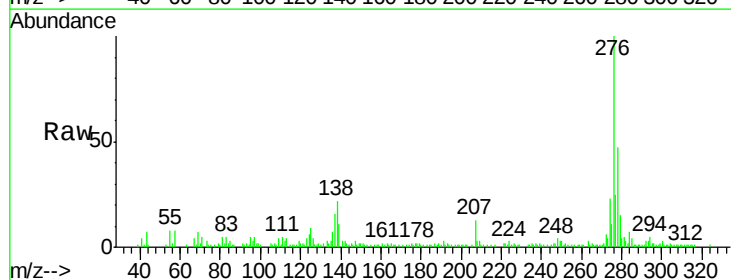
Tgt Ion: 278 Resp: 35354

Ion Ratio Lower Upper

278 100

139 24.4 17.3 25.9

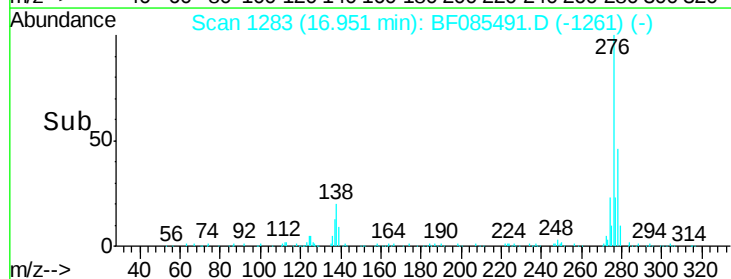
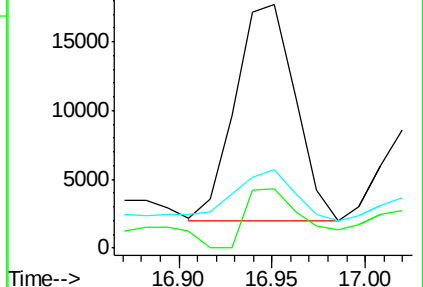
279 32.3 19.2 28.8#

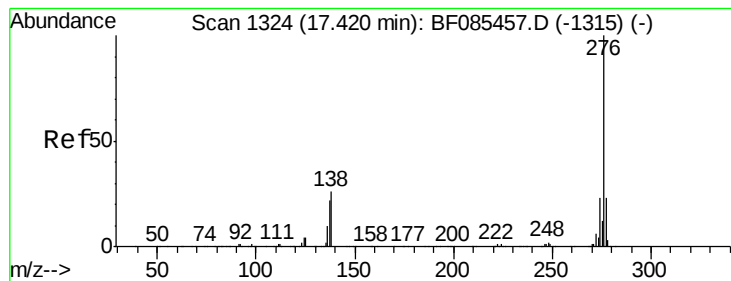


Abundance Ion 278.00 (277.70 to 278.70): E

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: 9.76 ng

RT: 17.37 min Scan# 1320

Delta R.T. -0.05 min

Lab File: BF085491.D

Acq: 17 Mar 2016 5:16

Instrument :

BNA_F

ClientSampleId :

AOU2-SB09(6-8)

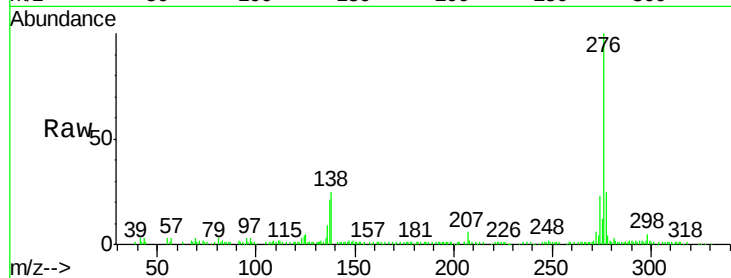
Tgt Ion: 276 Resp: 150364

Ion Ratio Lower Upper

276 100

277 25.0 19.0 28.4

138 25.4 22.5 33.7



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

