

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
 Data File : BF082507.D
 Acq On : 24 Oct 2015 12:02
 Operator : UM/IZ
 Sample : G4119-03DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-18-2.5-3DL

Quant Time: Oct 24 23:23:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 23 15:17:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	80964	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	315017	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	136301	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	210129	20.00	ng	0.00
75) Chrysene-d12	13.96	240	183125	20.00	ng	-0.08
86) Perylene-d12	15.44	264	152646	20.00	ng	-0.18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	62051	15.47	ng	0.02
7) Phenol-d6	6.42	99	105774	20.26	ng	0.00
23) Nitrobenzene-d5	7.33	82	67112	14.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	569	0.45	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	142961	17.39	ng	-0.01
78) Terphenyl-d14	12.88	244	105678	15.29	ng	-0.02

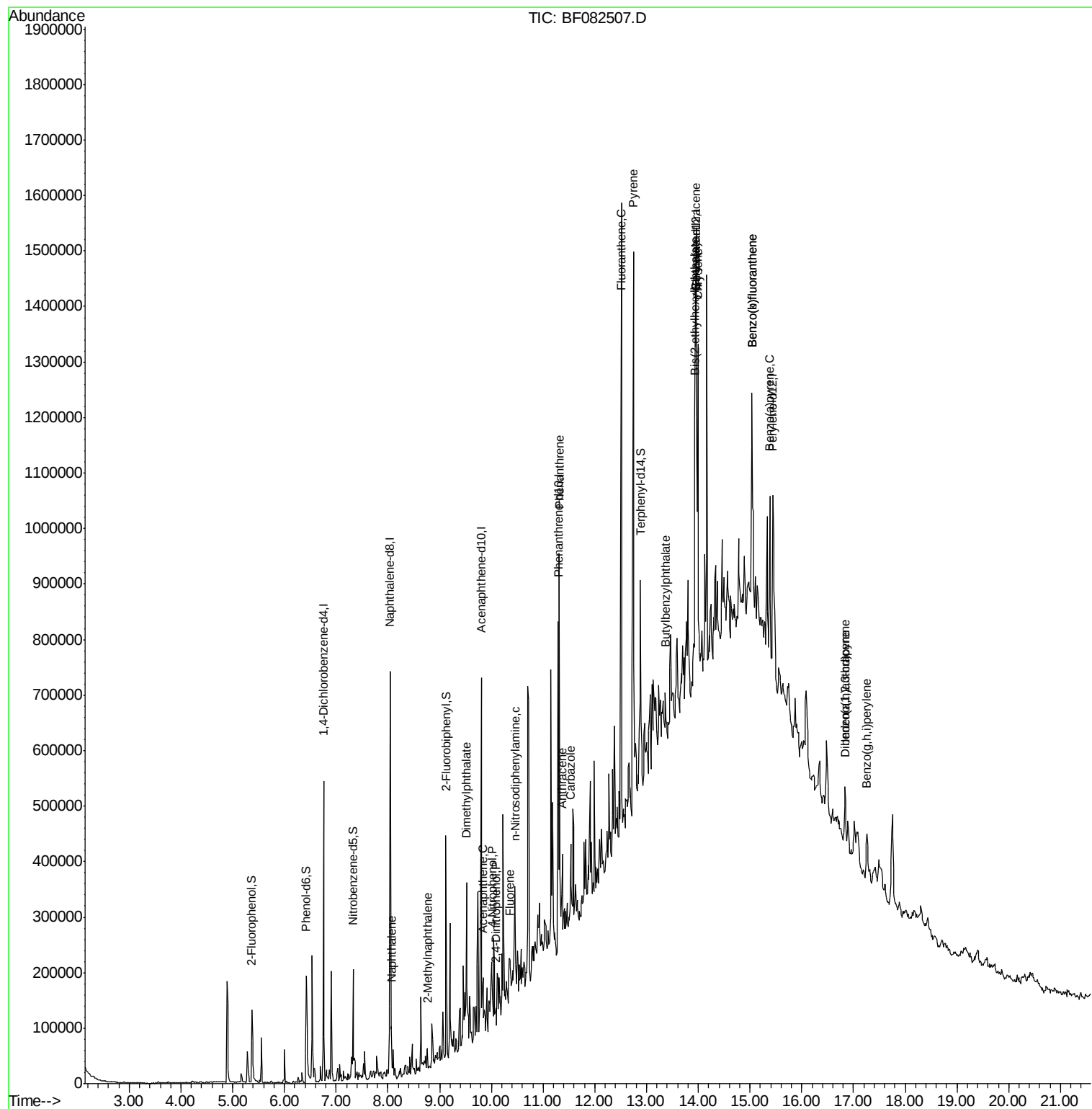
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.07	128	30133	2.21	ng	99
37) 2-Methylnaphthalene	8.77	142	20582	2.17	ng	99
49) Dimethylphthalate	9.52	163	62666	6.53	ng	99
51) Acenaphthene	9.84	154	23115	3.02	ng	95
53) 2,4-Dinitrophenol	10.09	184	230	6.58	ng	# 44
55) 4-Nitrophenol	10.01	139	6859	5.69	ng	# 34
57) Fluorene	10.35	166	24474	2.84	ng	# 94
65) n-Nitrosodiphenylamine	10.46	169	17145	2.73	ng	# 56
70) Phenanthrene	11.31	178	262624	25.50	ng	99
71) Anthracene	11.37	178	91231	8.60	ng	97
72) Carbazole	11.53	167	22088	2.28	ng	# 90
74) Fluoranthene	12.51	202	593663	53.67	ng	98
77) Pyrene	12.74	202	519684	47.82	ng	99
79) Butylbenzylphthalate	13.36	149	11314	2.28	ng	# 82
80) Benzo(a)anthracene	13.96	228	279491	29.33	ng	96
82) Chrysene	13.99	228	255147	25.41	ng	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	167694	23.70	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.84	276	67282	8.43	ng	94
87) Benzo(b)fluoranthene	15.04	252	325510	35.05	ng	# 97
88) Benzo(k)fluoranthene	15.04	252	325510	41.70	ng	# 95
89) Benzo(a)pyrene	15.38	252	148970	18.67	ng	# 96
90) Dibenzo(a,h)anthracene	16.85	278	16194	2.48	ng	# 62
91) Benzo(g,h,i)perylene	17.26	276	59289	9.33	ng	94

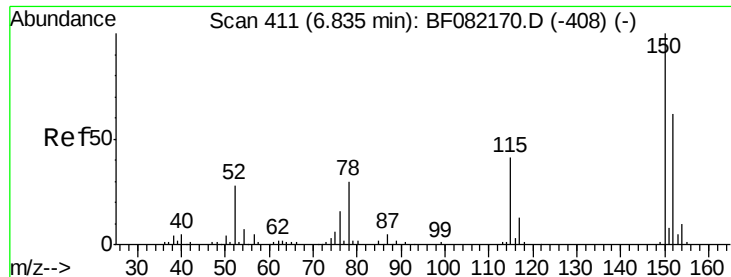
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
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Acq On : 24 Oct 2015 12:02
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Misc :
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Instrument :
BNA_F
ClientSampled :
SB15-18-2.5-3DL

Quant Time: Oct 24 23:23:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 23 15:17:13 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

SB15-18-2.5-3DL

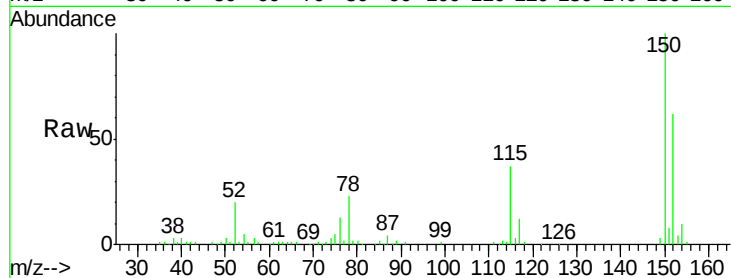
Tgt Ion:152 Resp: 80964

Ion Ratio Lower Upper

152 100

150 160.4 129.0 193.4

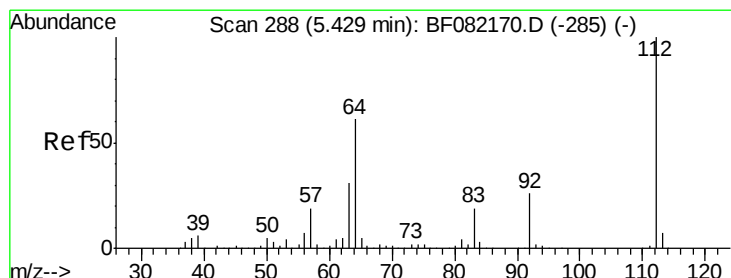
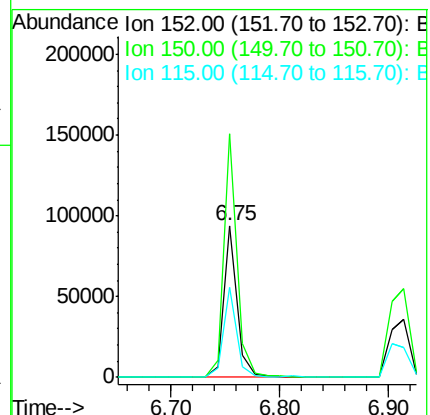
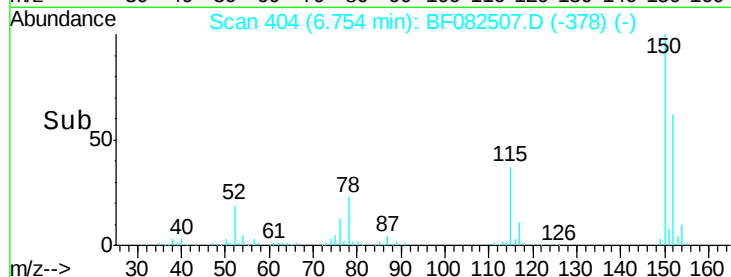
115 59.4 52.1 78.1



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: 15.47 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

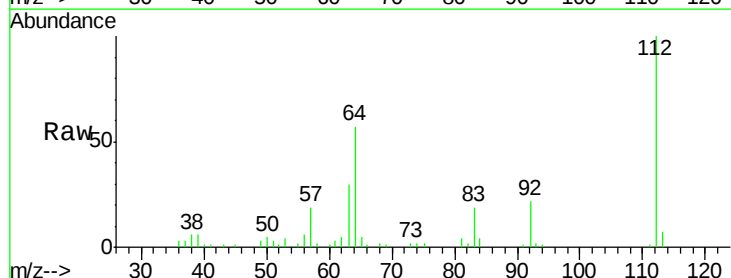
Tgt Ion:112 Resp: 62051

Ion Ratio Lower Upper

112 100

64 57.1 48.6 73.0

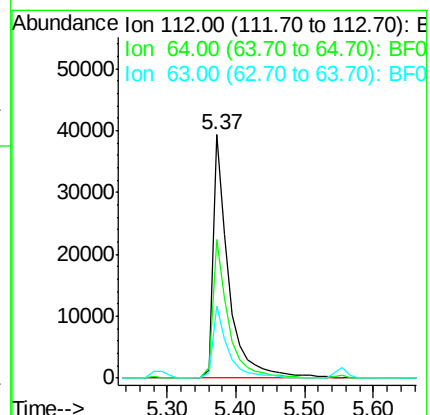
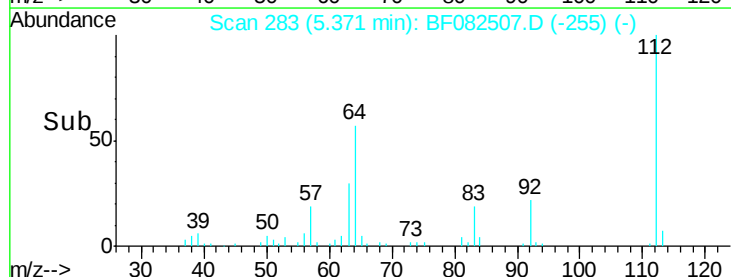
63 29.6 25.1 37.7

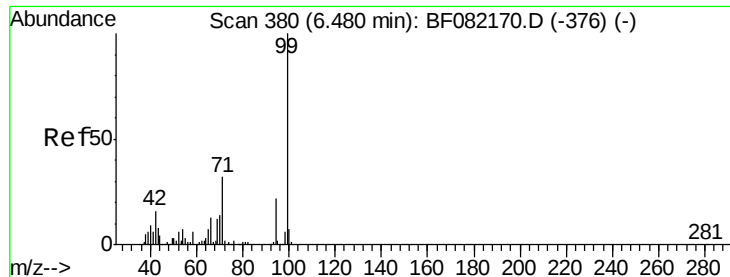


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.26 ng

RT: 6.42 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

SB15-18-2.5-3DL

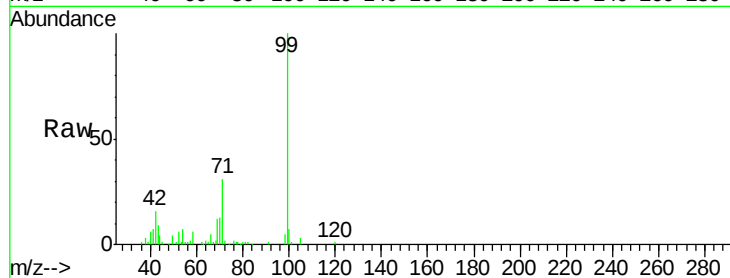
Tgt Ion: 99 Resp: 105774

Ion Ratio Lower Upper

99 100

42 16.1 13.2 19.8

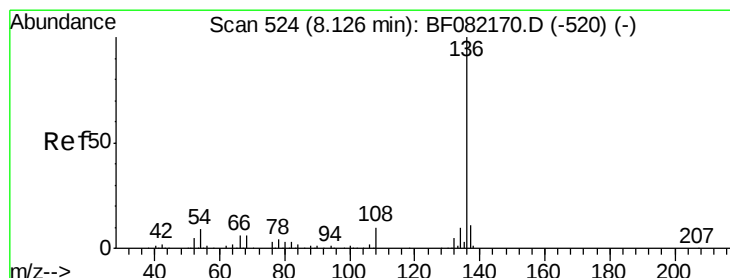
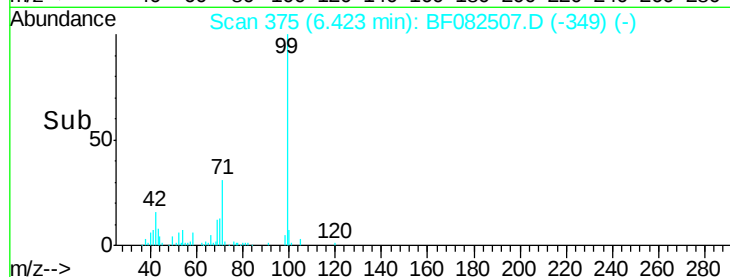
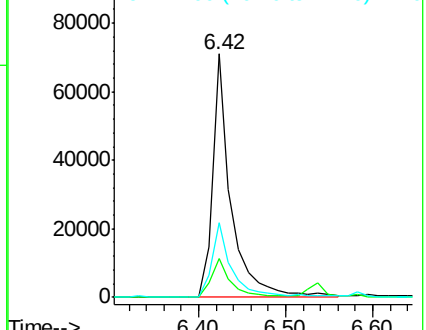
71 30.5 25.6 38.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

Tgt Ion: 136 Resp: 315017

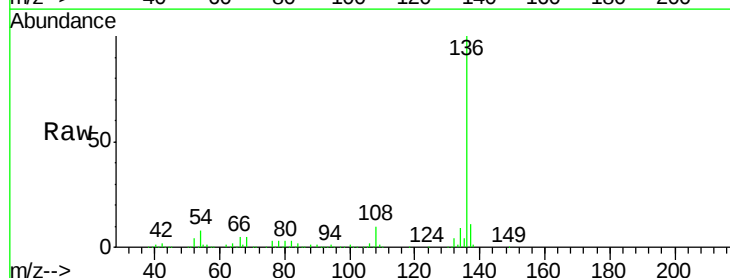
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 7.6 7.5 11.3

68 4.8 4.6 7.0

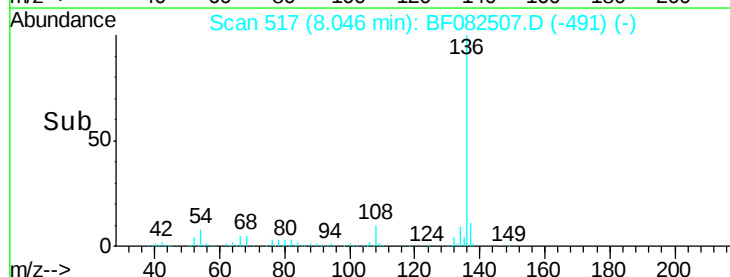
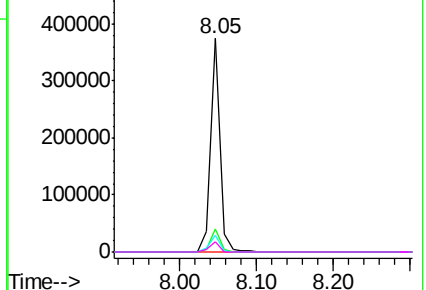


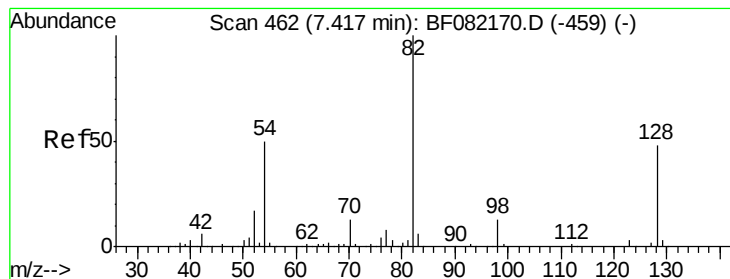
Abundance Ion 136.00 (135.70 to 136.70): E

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: 14.31 ng

RT: 7.33 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

SB15-18-2.5-3DL

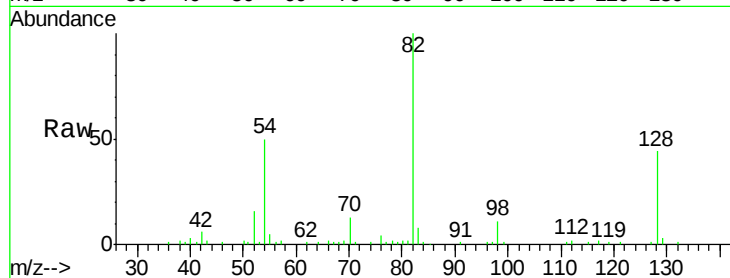
Tgt Ion: 82 Resp: 67112

Ion Ratio Lower Upper

82 100

128 43.5 38.7 58.1

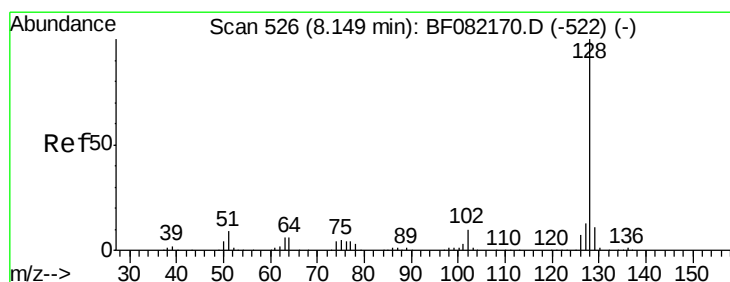
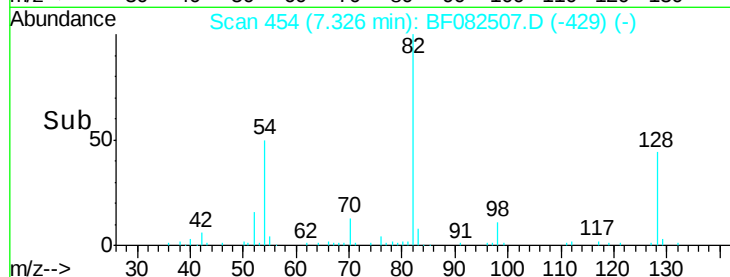
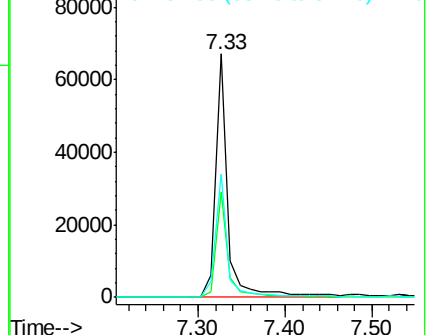
54 50.4 40.1 60.1



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: 2.21 ng

RT: 8.07 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

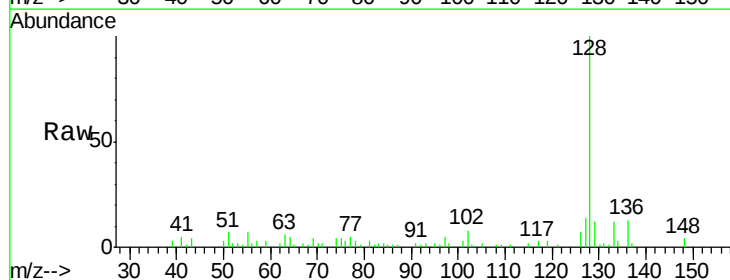
Tgt Ion: 128 Resp: 30133

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

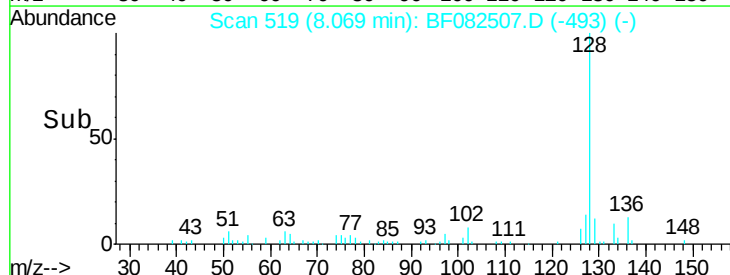
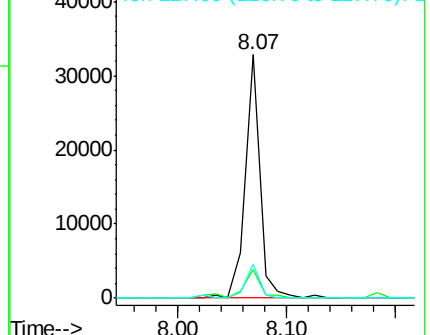
127 13.9 10.7 16.1

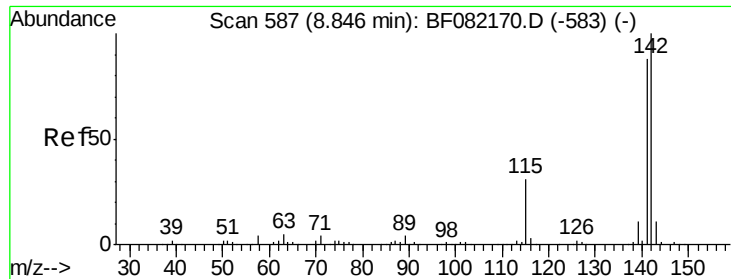


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

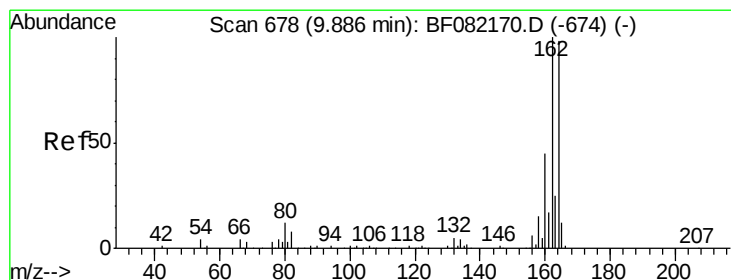
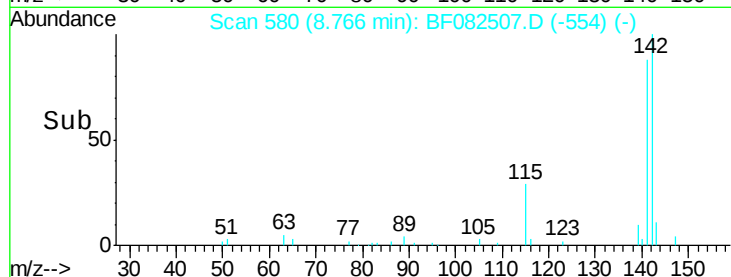
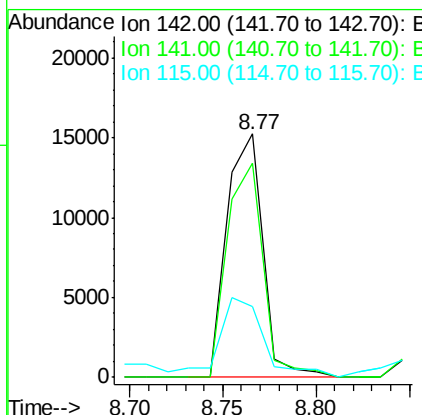
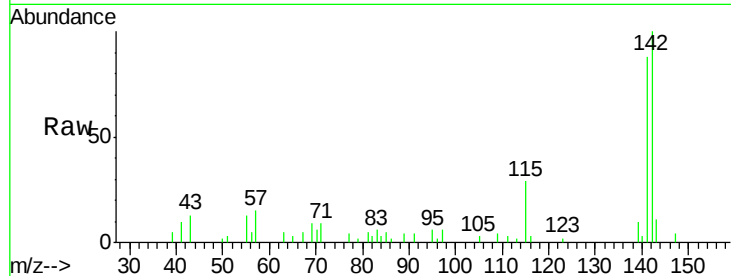




#37
 2-Methylnaphthalene
 Concen: 2.17 ng
 RT: 8.77 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF082507.D
 Acq: 24 Oct 2015 12:02

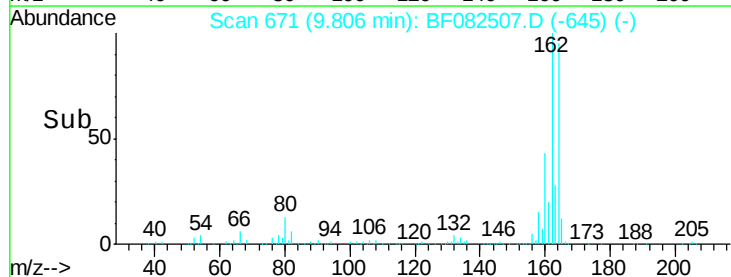
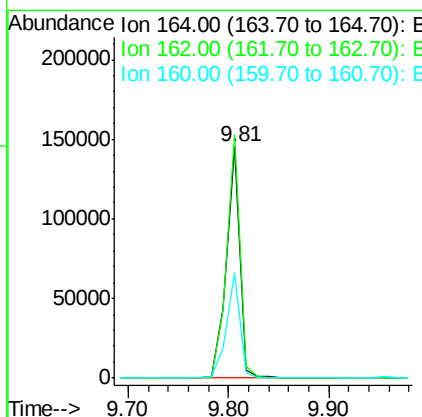
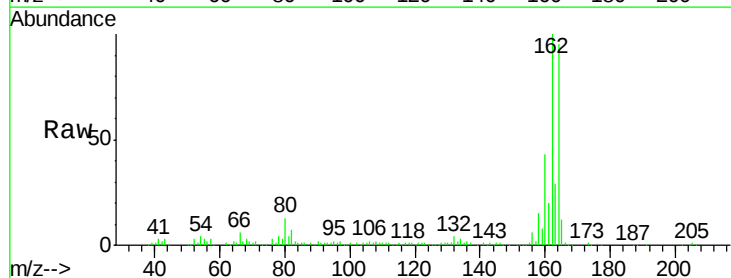
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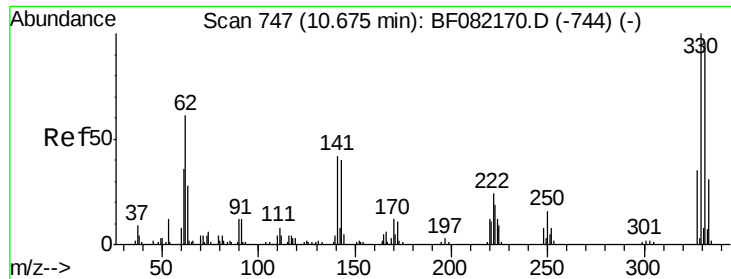
Tgt Ion:142 Resp: 20582
 Ion Ratio Lower Upper
 142 100
 141 88.1 70.4 105.6
 115 29.2 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF082507.D
 Acq: 24 Oct 2015 12:02

Tgt Ion:164 Resp: 136301
 Ion Ratio Lower Upper
 164 100
 162 105.3 81.6 122.4
 160 45.8 36.4 54.6

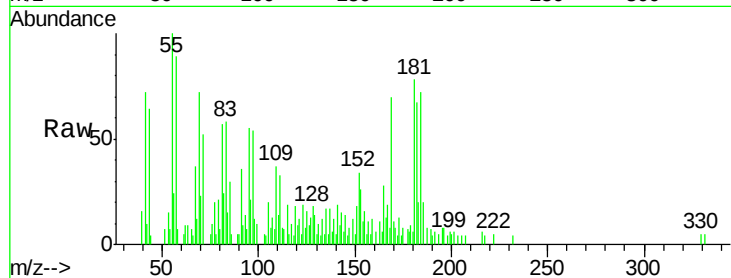




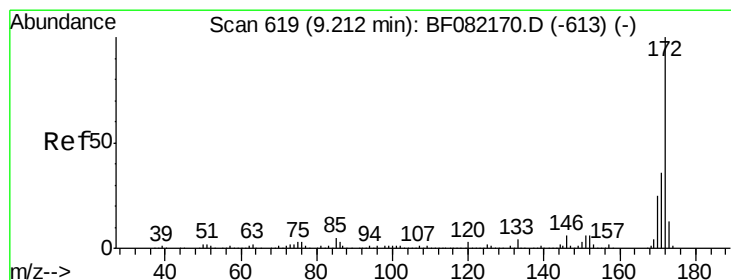
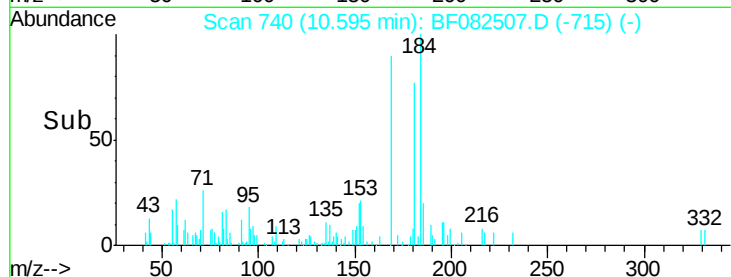
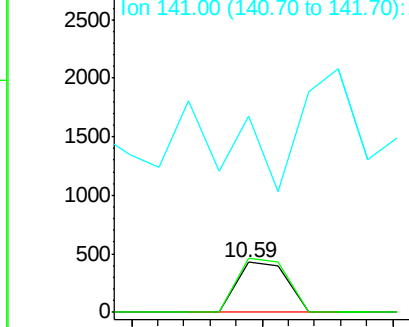
#41
 2,4,6-Tribromophenol
 Concen: 0.45 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF082507.D
 Acq: 24 Oct 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 SB15-18-2.5-3DL

Tgt Ion:330 Resp: 569
 Ion Ratio Lower Upper
 330 100
 332 107.2 77.1 115.7
 141 0.0 29.8 44.8#

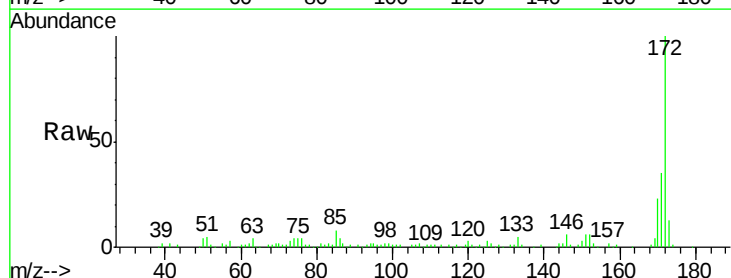


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

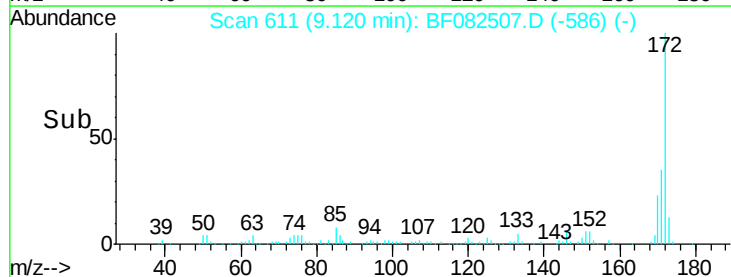
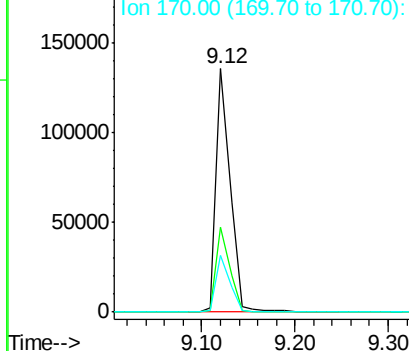


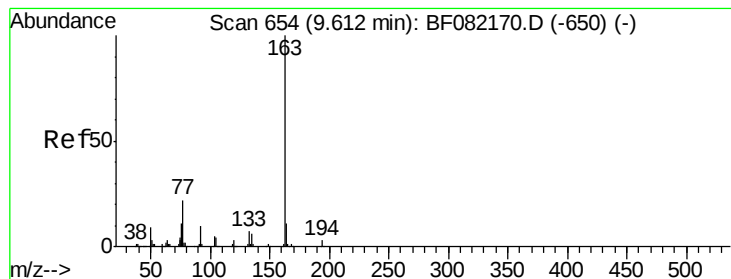
#44
 2-Fluorobiphenyl
 Concen: 17.39 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF082507.D
 Acq: 24 Oct 2015 12:02

Tgt Ion:172 Resp: 142961
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.4 19.7 29.5



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





#49

Dimethylphthalate

Concen: 6.53 ng

RT: 9.52 min Scan# 646

Delta R.T. -0.03 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

SB15-18-2.5-3DL

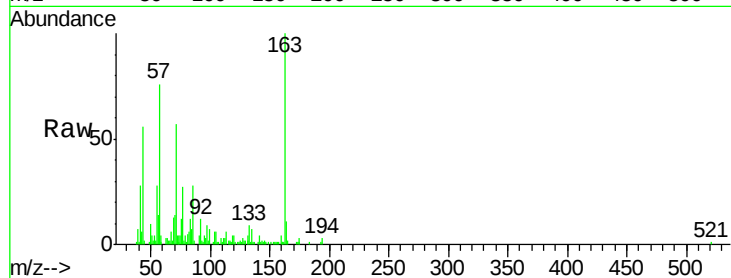
Tgt Ion:163 Resp: 62666

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

164 10.8 8.5 12.7



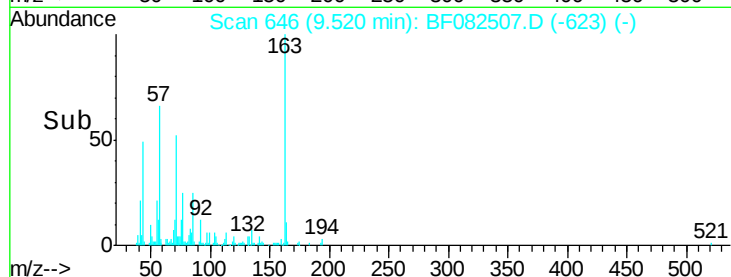
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

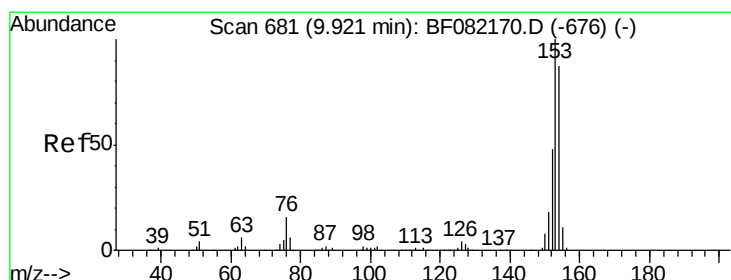
Ion 164.00 (163.70 to 164.70): E

9.52

Time-->



Time-->



#51

Acenaphthene

Concen: 3.02 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

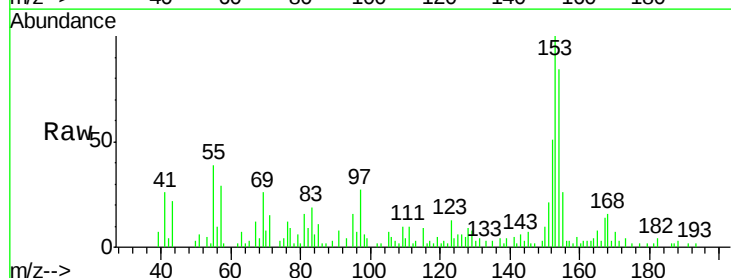
Tgt Ion:154 Resp: 23115

Ion Ratio Lower Upper

154 100

153 118.6 91.4 137.2

152 60.0 44.3 66.5



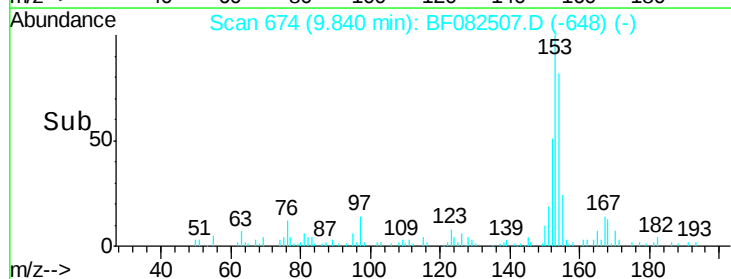
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

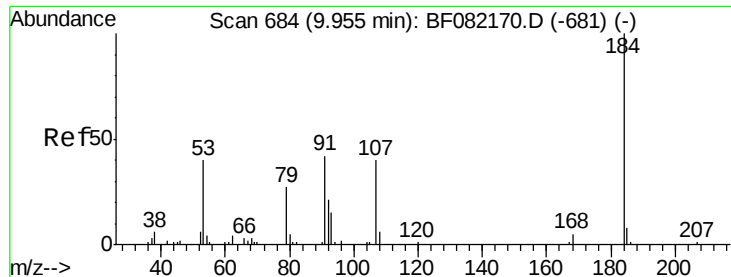
Ion 152.00 (151.70 to 152.70): E

9.84

Time-->



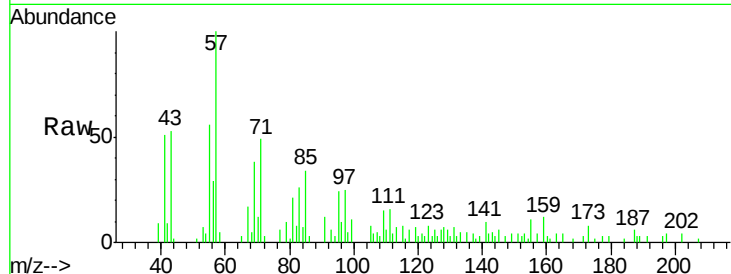
Time-->



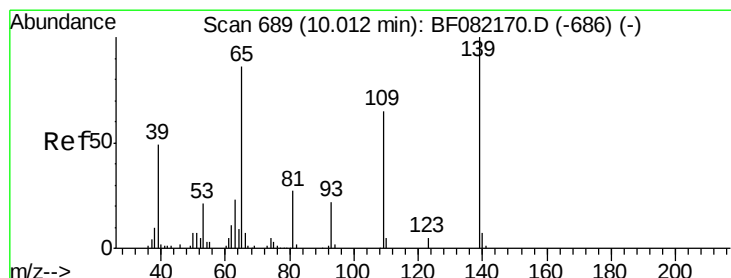
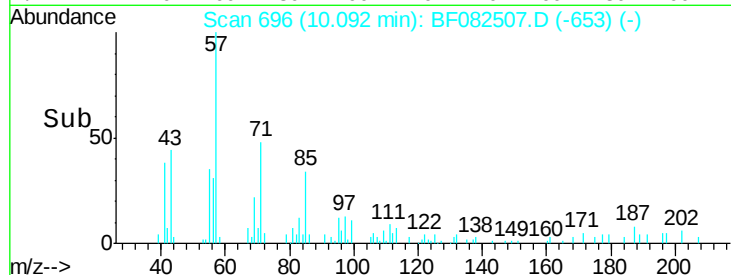
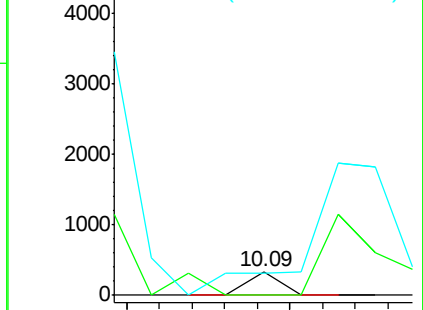
#53
2,4-Dinitrophenol
Concen: 6.58 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.19 min
Lab File: BF082507.D
Acq: 24 Oct 2015 12:02

Instrument :
BNA_F
ClientSampleId :
SB15-18-2.5-3DL

Tgt Ion:184 Resp: 230
Ion Ratio Lower Upper
184 100
63 0.0 45.1 67.7#
154 93.5 51.2 76.8#

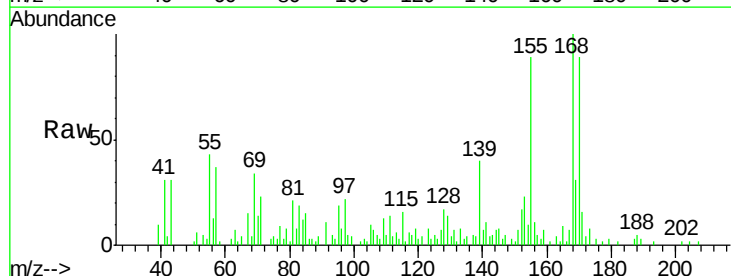


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

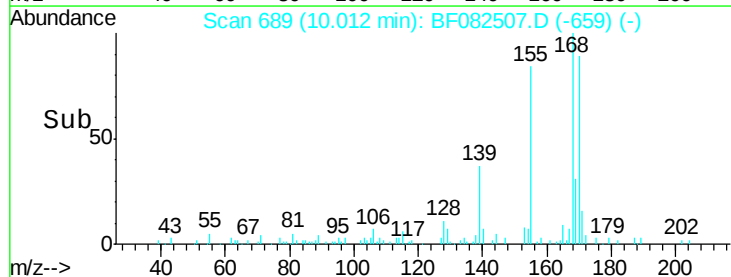
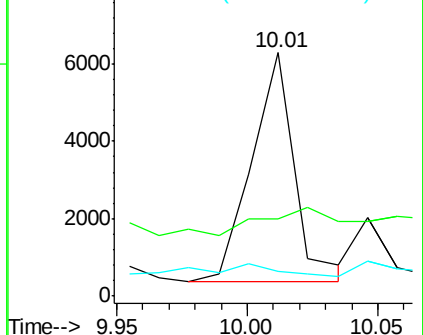


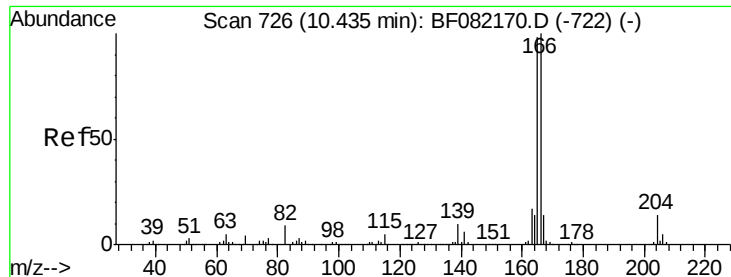
#55
4-Nitrophenol
Concen: 5.69 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.05 min
Lab File: BF082507.D
Acq: 24 Oct 2015 12:02

Tgt Ion:139 Resp: 6859
Ion Ratio Lower Upper
139 100
109 31.6 44.8 84.8#
65 10.3 67.7 107.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

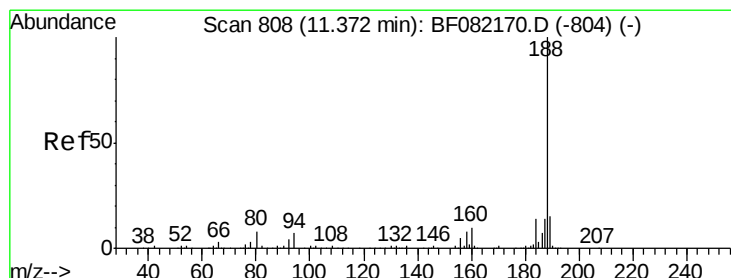
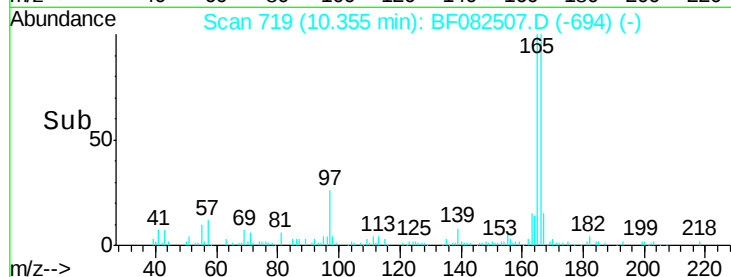
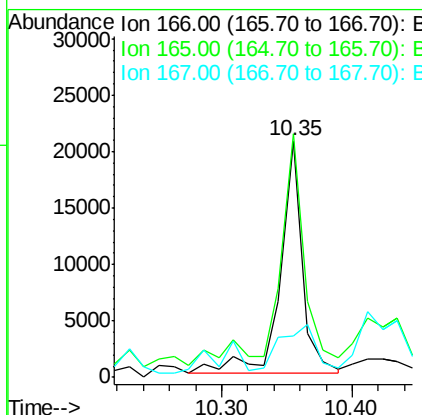
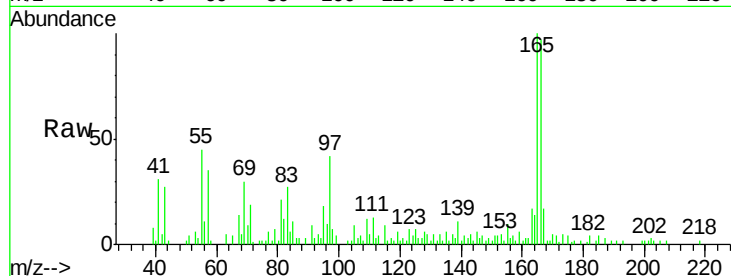




#57
 Fluorene
 Concen: 2.84 ng
 RT: 10.35 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF082507.D
 Acq: 24 Oct 2015 12:02

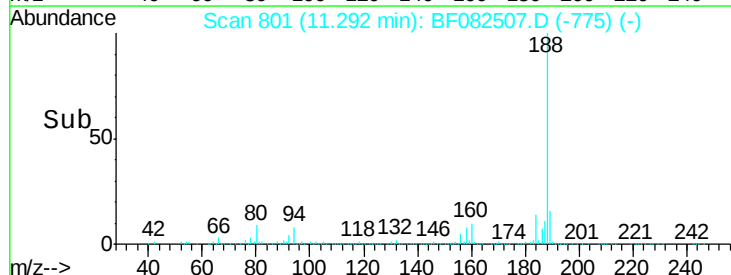
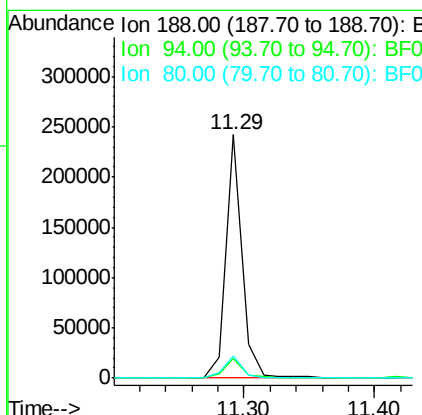
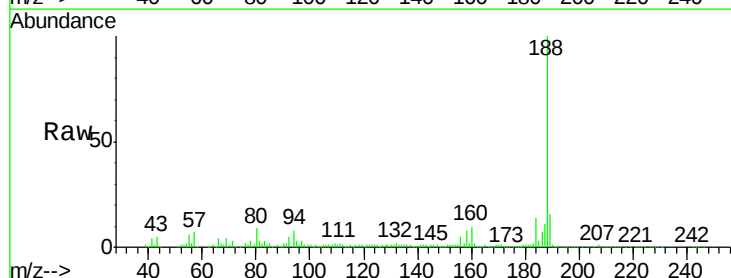
Instrument :
 BNA_F
 ClientSampleId :
 SB15-18-2.5-3DL

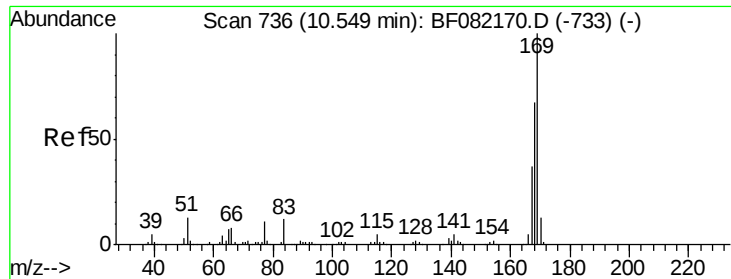
Tgt Ion:166 Resp: 24474
 Ion Ratio Lower Upper
 166 100
 165 102.9 78.3 117.5
 167 17.5 10.8 16.2#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF082507.D
 Acq: 24 Oct 2015 12:02

Tgt Ion:188 Resp: 210129
 Ion Ratio Lower Upper
 188 100
 94 8.1 5.8 8.6
 80 9.0 6.4 9.6

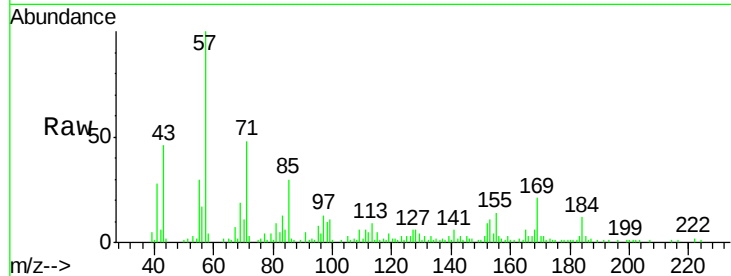




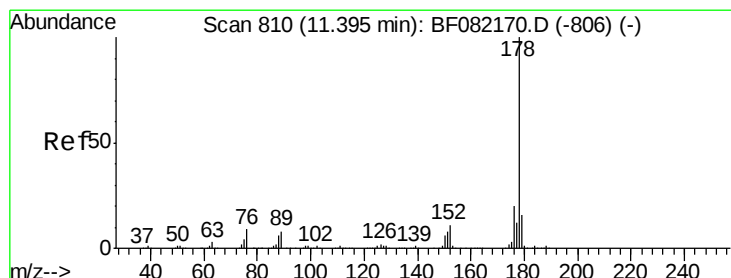
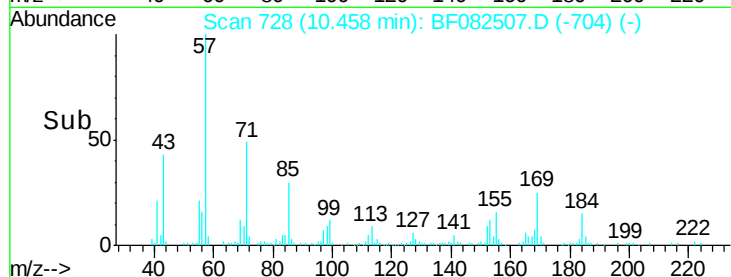
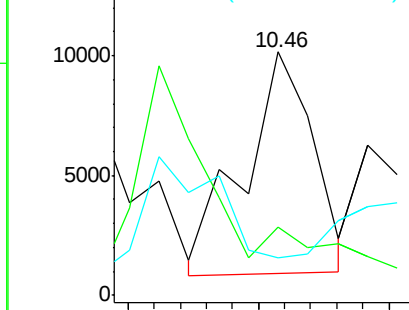
#65
n-Nitrosodiphenylamine
Concen: 2.73 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF082507.D
Acq: 24 Oct 2015 12:02

Instrument :
BNA_F
ClientSampleId :
SB15-18-2.5-3DL

Tgt Ion:169 Resp: 17145
Ion Ratio Lower Upper
169 100
168 28.0 54.0 81.0#
167 15.7 29.6 44.4#

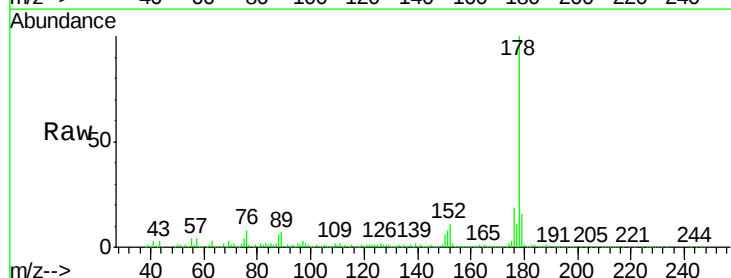


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

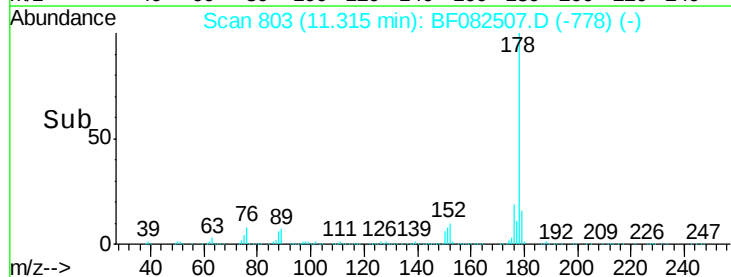
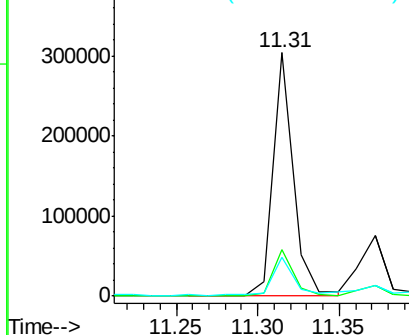


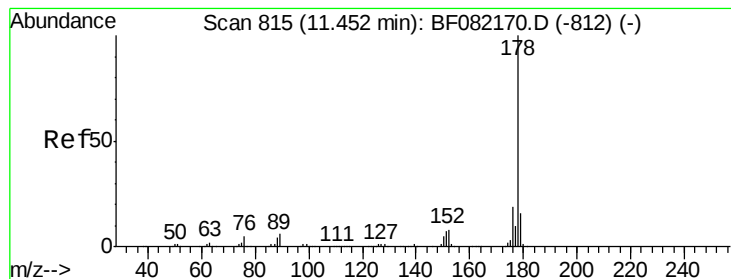
#70
Phenanthrene
Concen: 25.50 ng
RT: 11.31 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF082507.D
Acq: 24 Oct 2015 12:02

Tgt Ion:178 Resp: 262624
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 16.0 12.6 19.0



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





#71

Anthracene

Concen: 8.60 ng

RT: 11.37 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

SB15-18-2.5-3DL

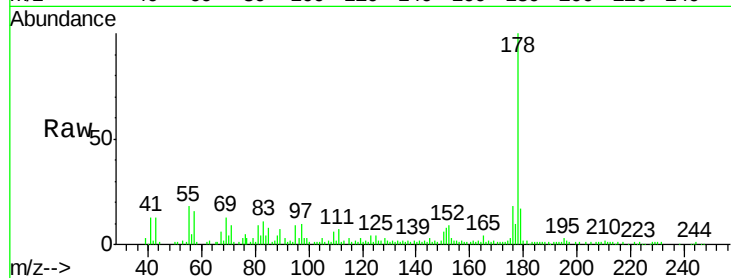
Tgt Ion:178 Resp: 91231

Ion Ratio Lower Upper

178 100

176 17.9 15.4 23.0

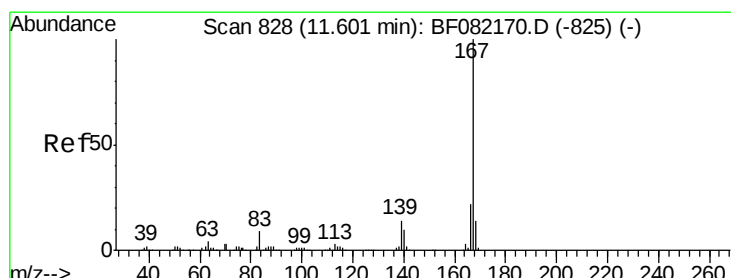
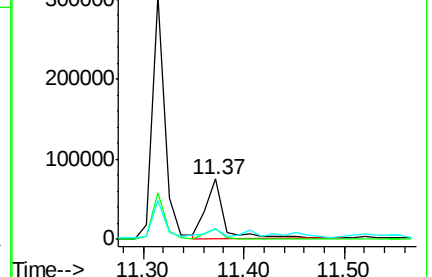
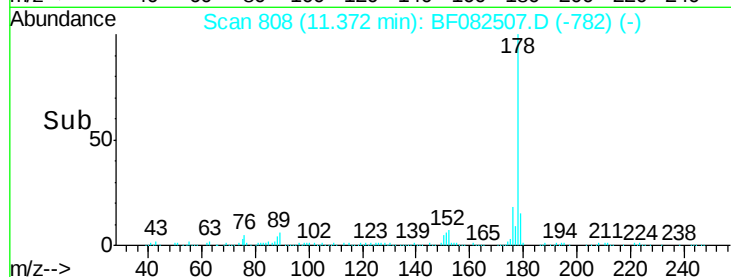
179 16.6 12.5 18.7



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: 2.28 ng

RT: 11.53 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

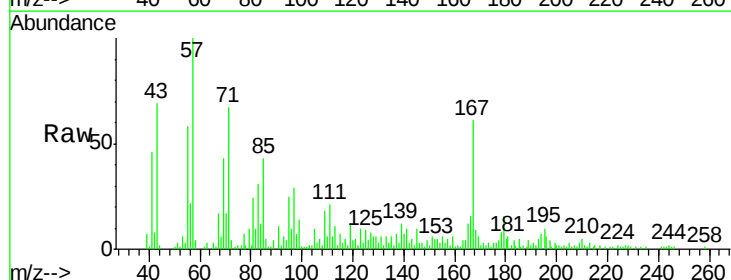
Tgt Ion:167 Resp: 22088

Ion Ratio Lower Upper

167 100

166 25.9 17.3 25.9#

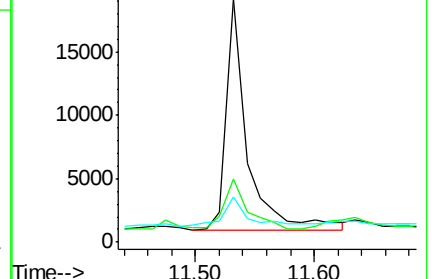
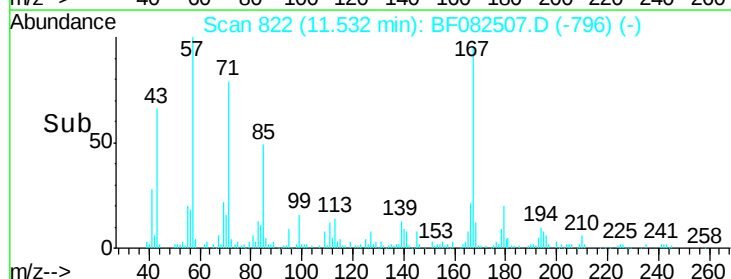
139 18.8 11.2 16.8#

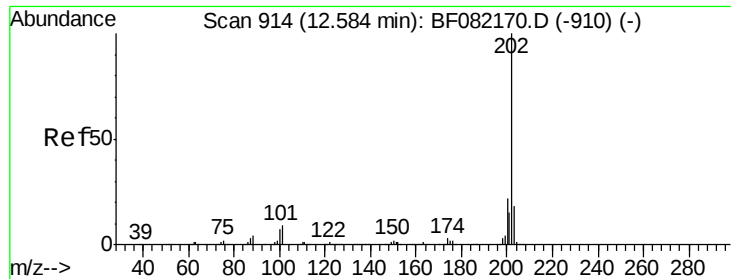


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 53.67 ng

RT: 12.51 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

SB15-18-2.5-3DL

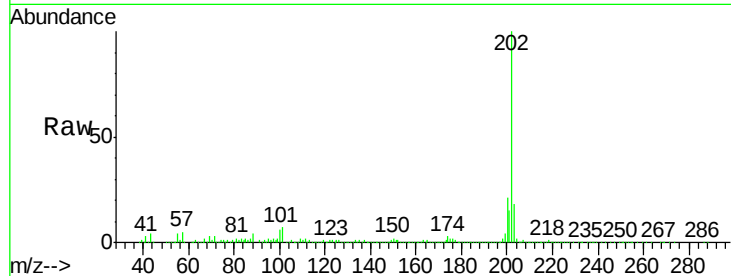
Tgt Ion:202 Resp: 593663

Ion Ratio Lower Upper

202 100

101 7.5 0.0 29.3

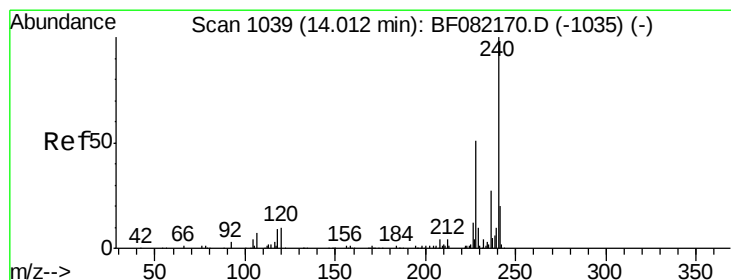
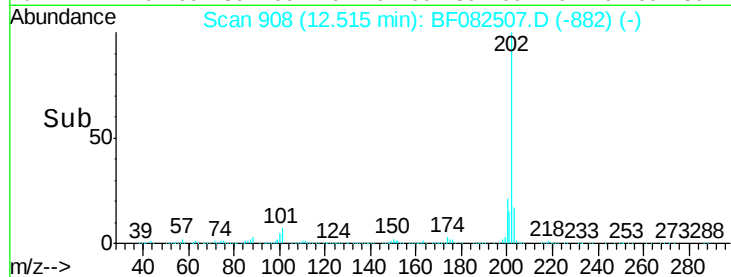
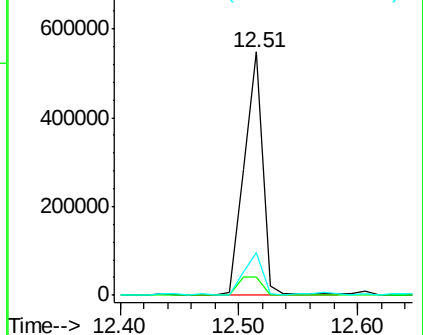
203 17.7 0.0 37.8



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: 13.96 min Scan# 1034

Delta R.T. -0.08 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

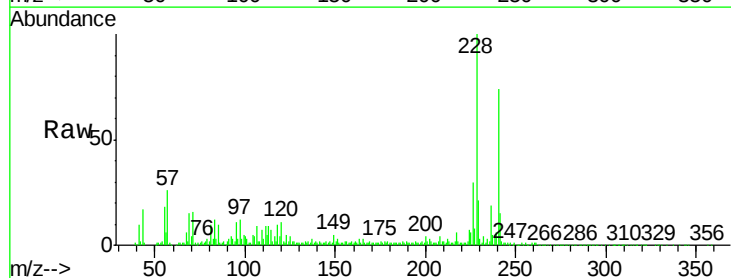
Tgt Ion:240 Resp: 183125

Ion Ratio Lower Upper

240 100

120 15.4 8.1 12.1#

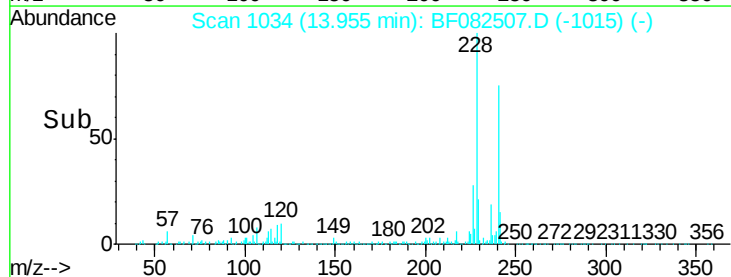
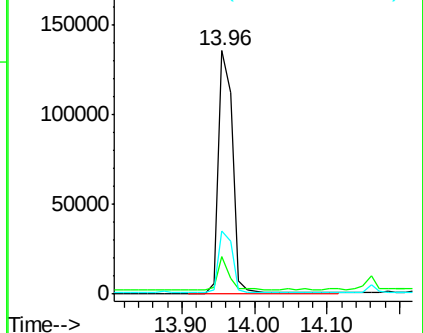
236 25.9 21.3 31.9

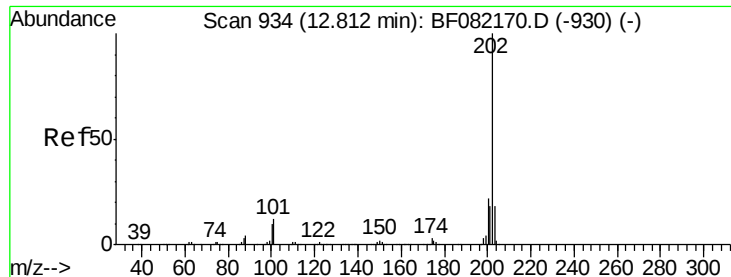


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 47.82 ng

RT: 12.74 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

SB15-18-2.5-3DL

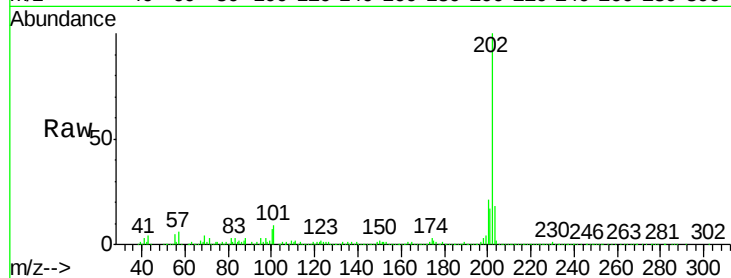
Tgt Ion:202 Resp: 519684

Ion Ratio Lower Upper

202 100

200 21.3 17.9 26.9

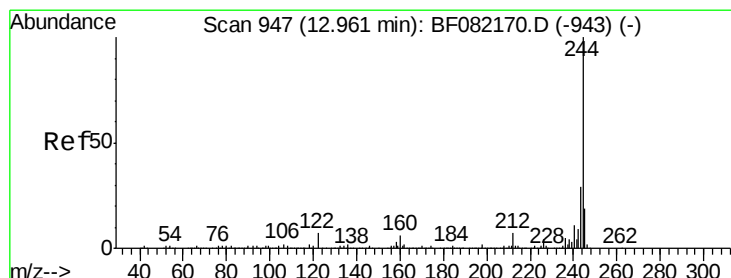
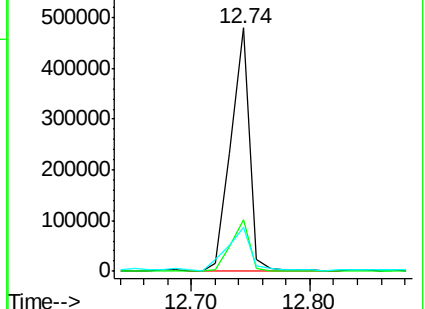
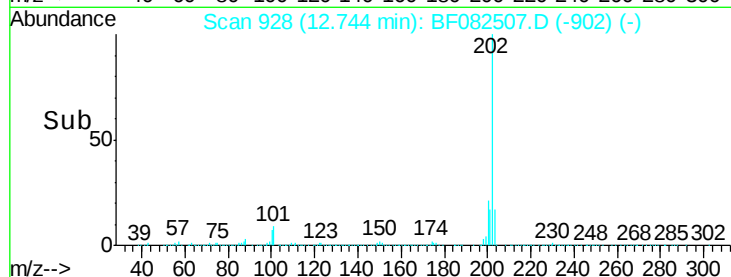
203 17.9 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 15.29 ng

RT: 12.88 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

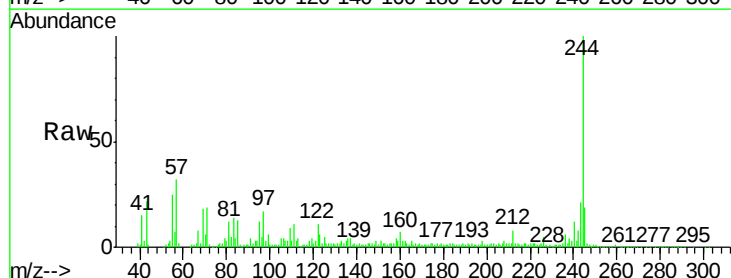
Tgt Ion:244 Resp: 105678

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

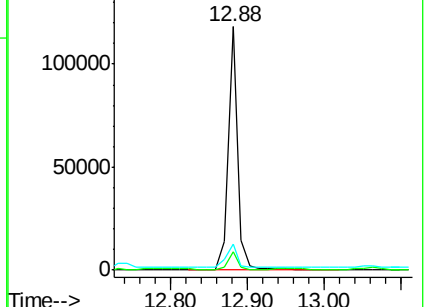
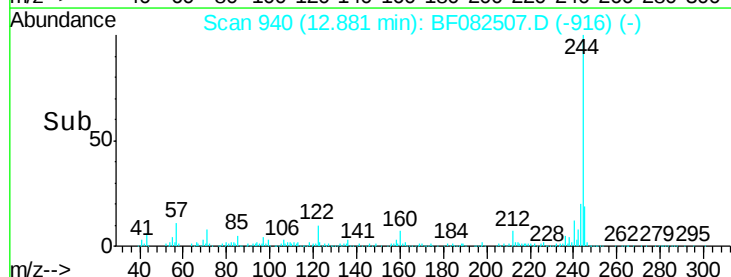
122 10.8 5.9 8.9#

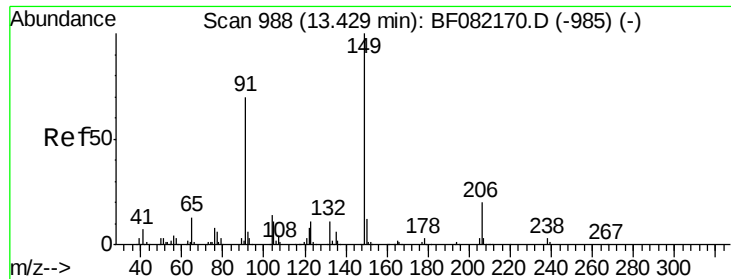


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

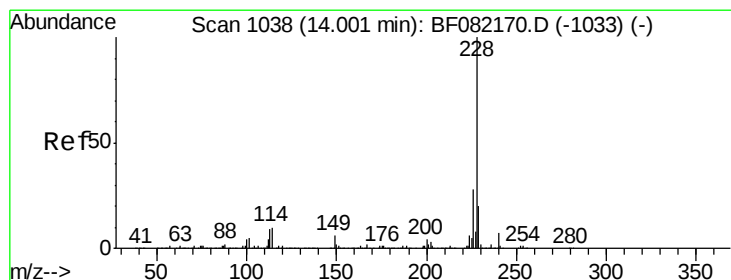
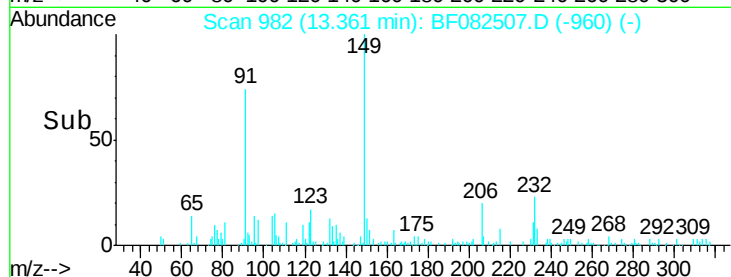
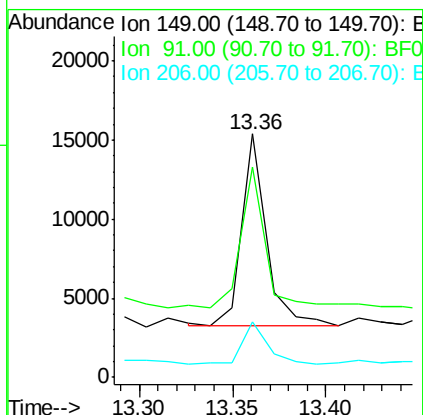
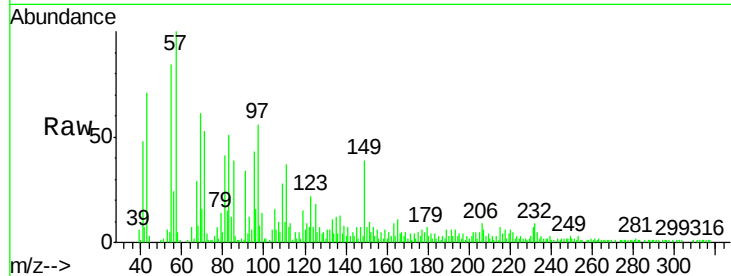




#79
Butylbenzylphthalate
Concen: 2.28 ng
RT: 13.36 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF082507.D
Acq: 24 Oct 2015 12:02

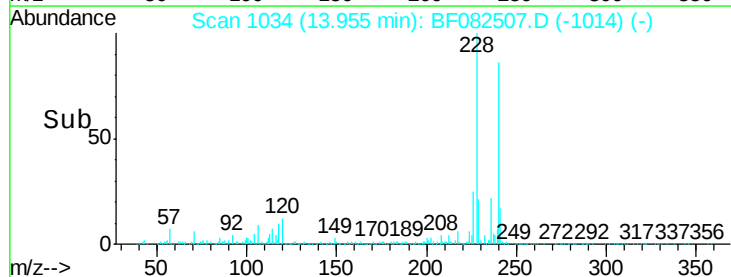
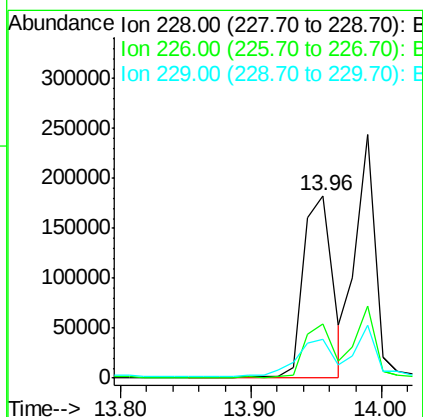
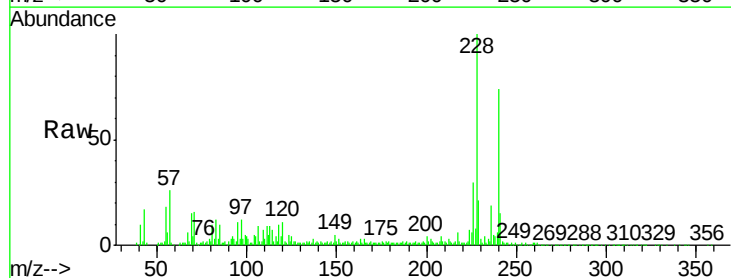
Instrument :
BNA_F
ClientSampleId :
SB15-18-2.5-3DL

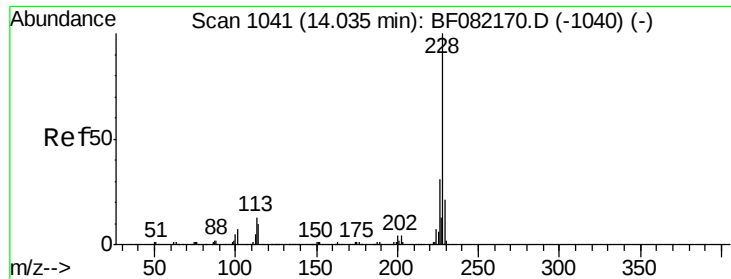
Tgt Ion:149 Resp: 11314
Ion Ratio Lower Upper
149 100
91 86.6 55.7 83.5#
206 22.5 15.6 23.4



#80
Benzo(a)anthracene
Concen: 29.33 ng
RT: 13.96 min Scan# 1034
Delta R.T. -0.07 min
Lab File: BF082507.D
Acq: 24 Oct 2015 12:02

Tgt Ion:228 Resp: 279491
Ion Ratio Lower Upper
228 100
226 30.1 22.3 33.5
229 21.4 16.2 24.2





#82

Chrysene

Concen: 25.41 ng

RT: 13.99 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

SB15-18-2.5-3DL

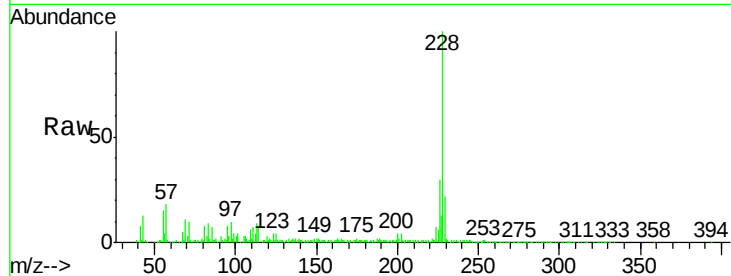
Tgt Ion:228 Resp: 255147

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

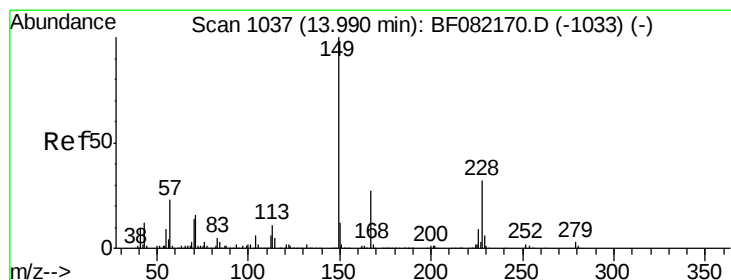
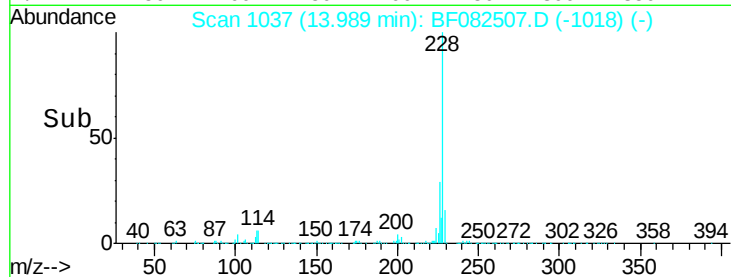
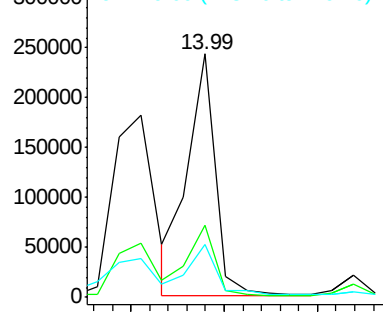
229 21.7 16.3 24.5



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: 23.70 ng

RT: 13.93 min Scan# 1032

Delta R.T. -0.08 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

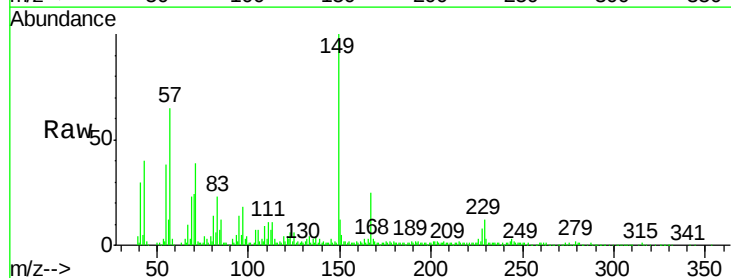
Tgt Ion:149 Resp: 167694

Ion Ratio Lower Upper

149 100

167 25.2 21.3 31.9

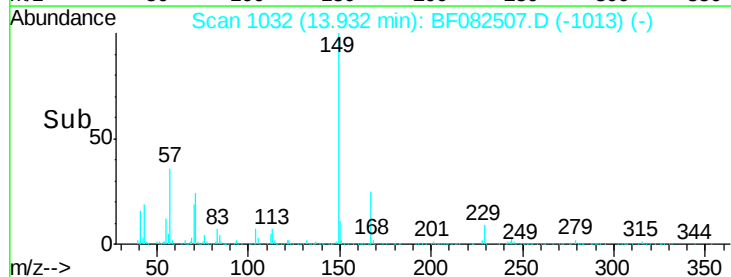
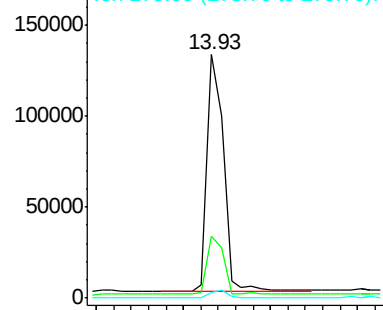
279 2.1 2.6 4.0#

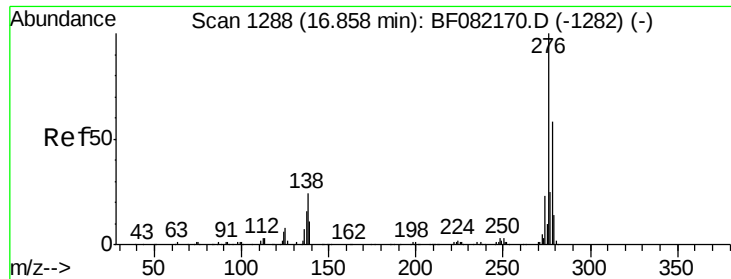


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 8.43 ng

RT: 16.84 min Scan# 1286

Delta R.T. -0.19 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

SB15-18-2.5-3DL

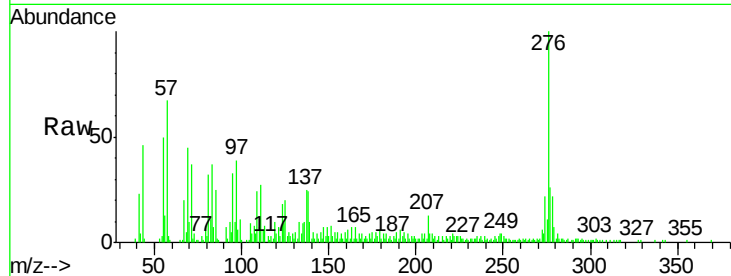
Tgt Ion:276 Resp: 67282

Ion Ratio Lower Upper

276 100

138 20.6 19.7 29.5

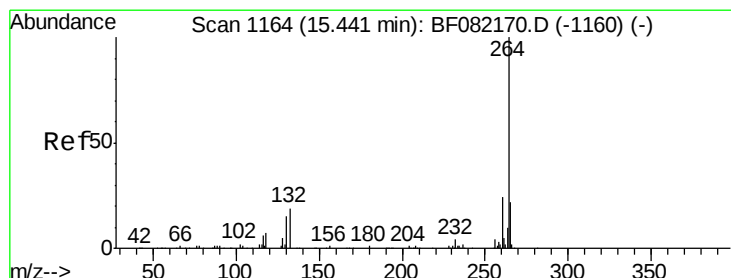
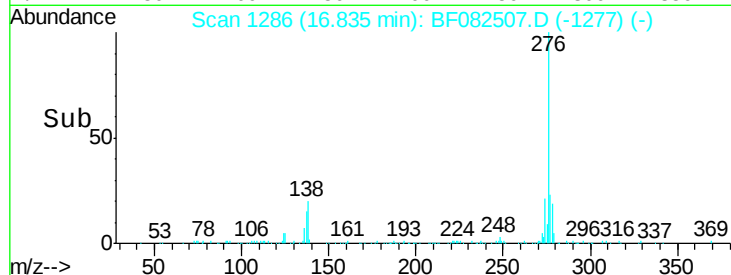
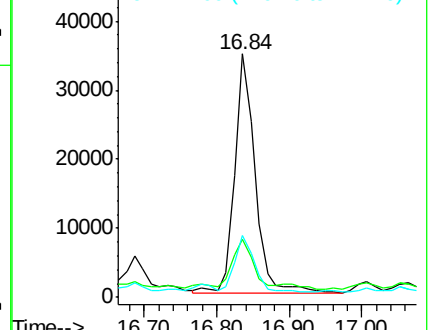
277 23.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1164

Delta R.T. -0.18 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

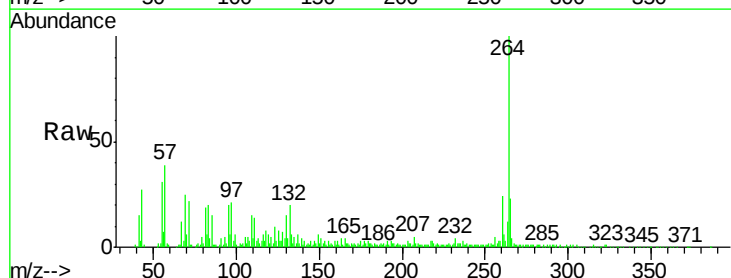
Tgt Ion:264 Resp: 152646

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

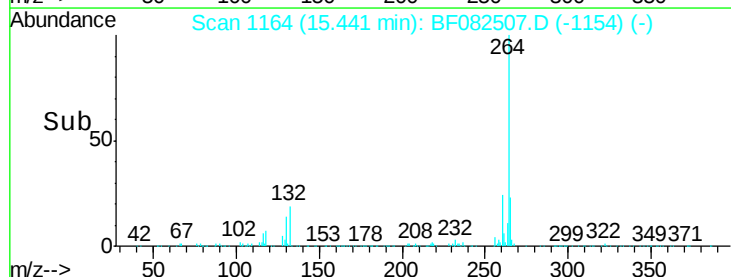
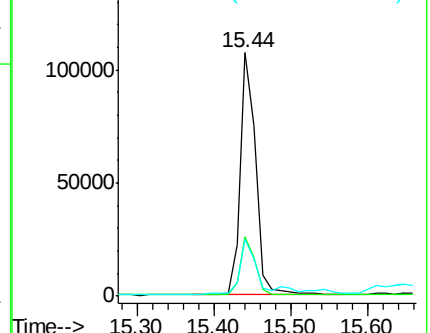
265 23.3 17.3 25.9

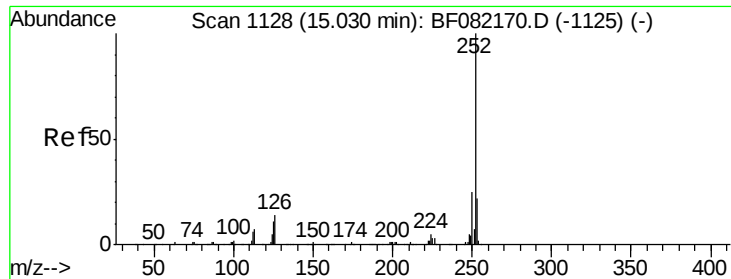


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.05 ng

RT: 15.04 min Scan# 1129

Delta R.T. -0.16 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

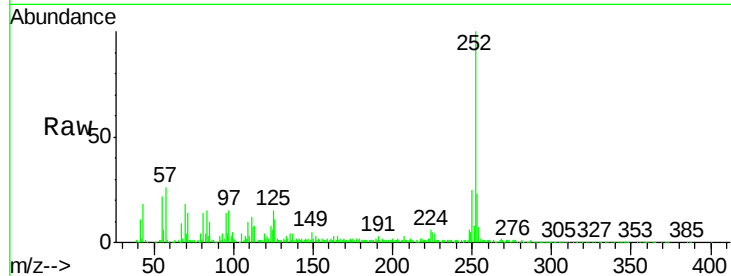
Instrument :

BNA_F

ClientSampleId :

SB15-18-2.5-3DL

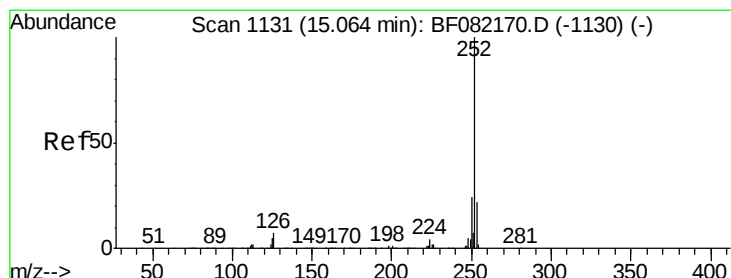
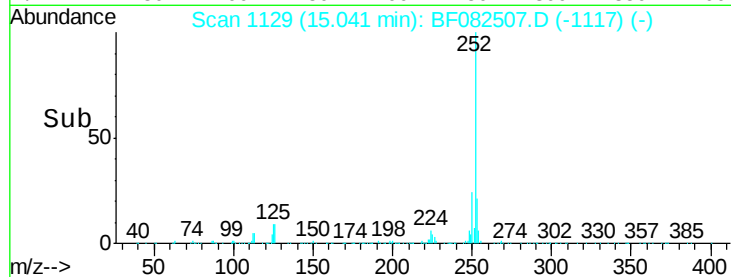
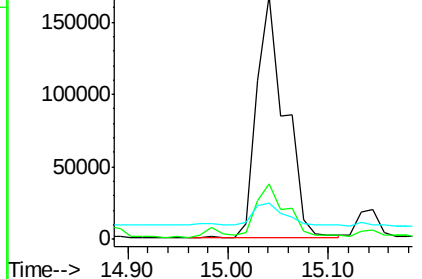
Tgt Ion:	252	Resp:	325510
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	14.7	8.6	12.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.70 ng

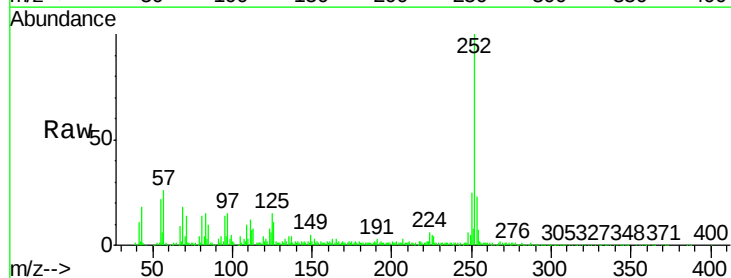
RT: 15.04 min Scan# 1129

Delta R.T. -0.19 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

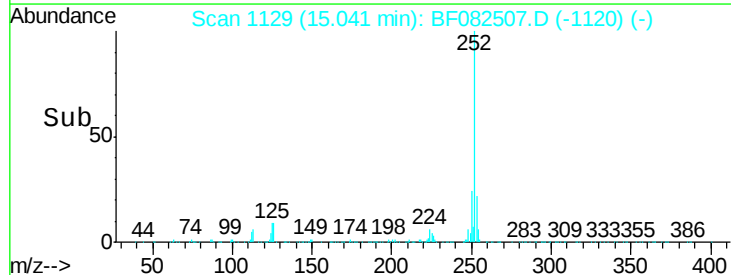
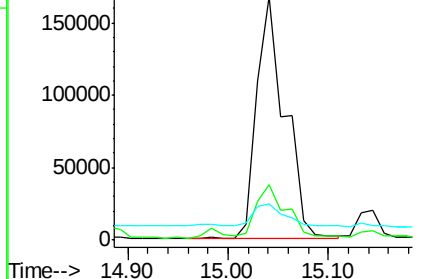
Tgt Ion:	252	Resp:	325510
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	14.7	6.7	10.1#

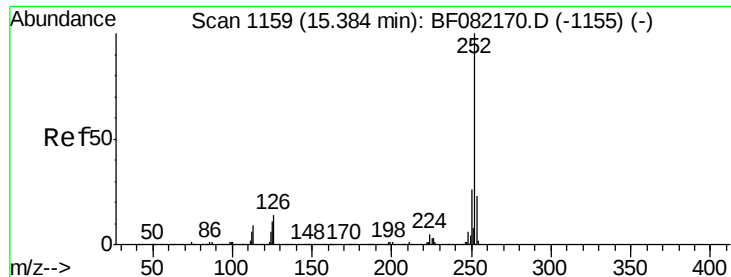


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 18.67 ng

RT: 15.38 min Scan# 1159

Delta R.T. -0.18 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

SB15-18-2.5-3DL

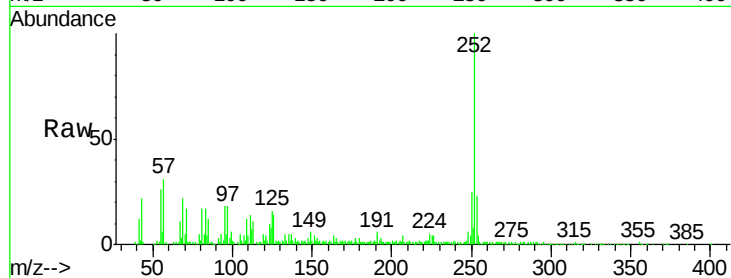
Tgt Ion:252 Resp: 148970

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

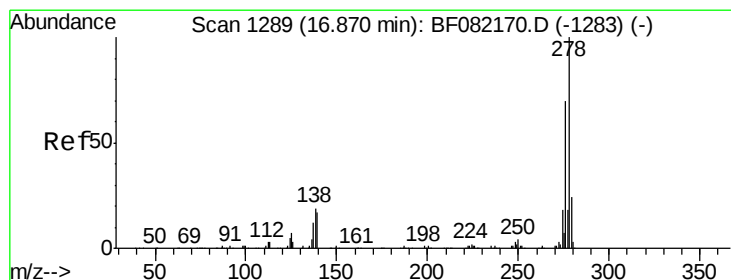
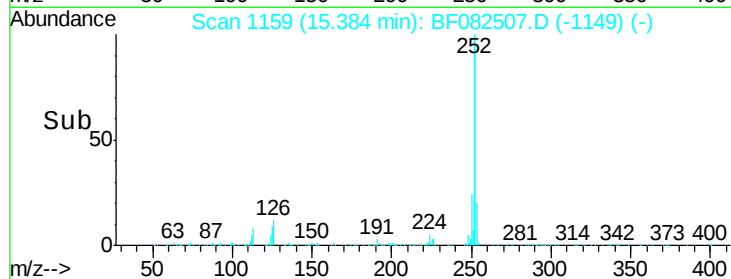
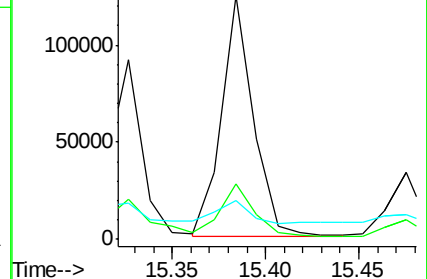
125 16.2 8.9 13.3#



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: 2.48 ng

RT: 16.85 min Scan# 1287

Delta R.T. -0.21 min

Lab File: BF082507.D

Acq: 24 Oct 2015 12:02

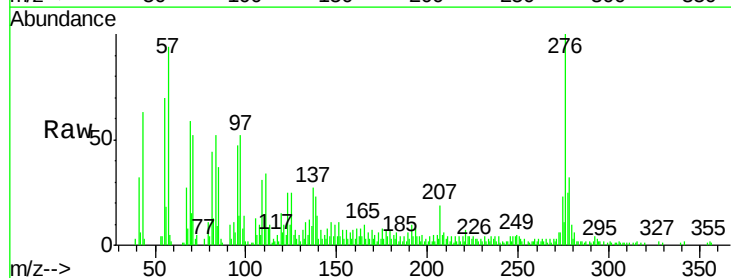
Tgt Ion:278 Resp: 16194

Ion Ratio Lower Upper

278 100

139 45.4 13.3 19.9#

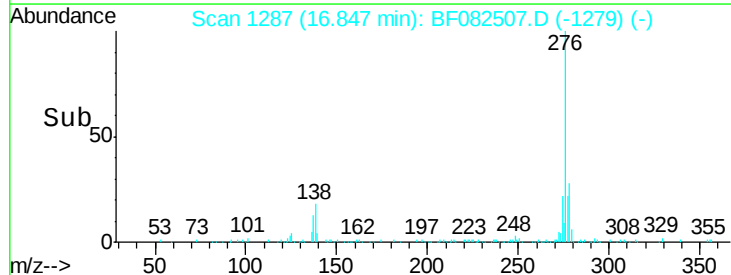
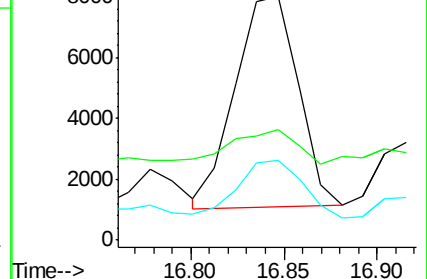
279 32.5 18.9 28.3#

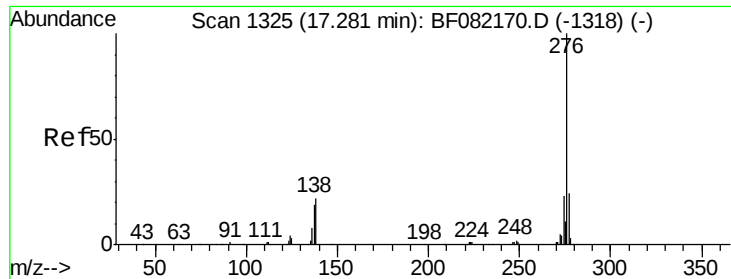


Abundance Ion 278.00 (277.70 to 278.70): E

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: 9.33 ng

RT: 17.26 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF082507.D

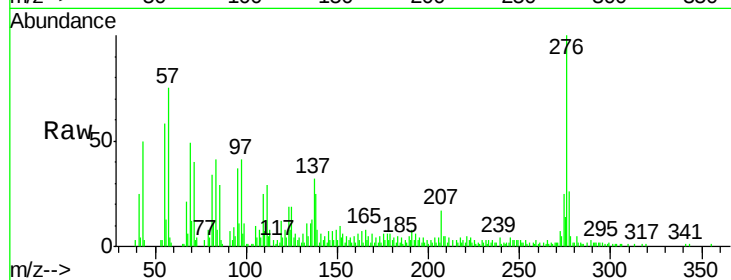
Acq: 24 Oct 2015 12:02

Instrument :

BNA_F

ClientSampleId :

SB15-18-2.5-3DL



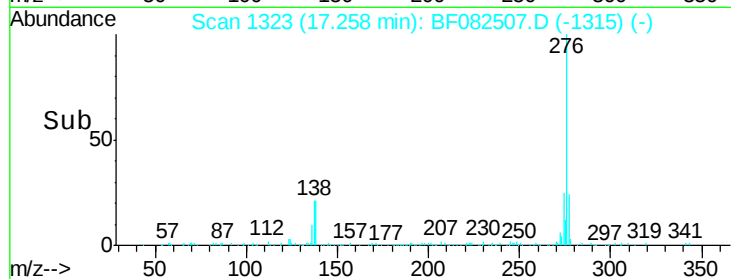
Tgt Ion: 276 Resp: 59289

Ion Ratio Lower Upper

276 100

277 26.1 18.8 28.2

138 25.1 17.4 26.2



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

