

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
 Data File : BF081600.D
 Acq On : 12 Sep 2015 00:51
 Operator : UM/IZ
 Sample : G3526-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(0-0.16)

Quant Time: Sep 14 07:35:56 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 11 23:14:51 2015
 Response via : Initial Calibration

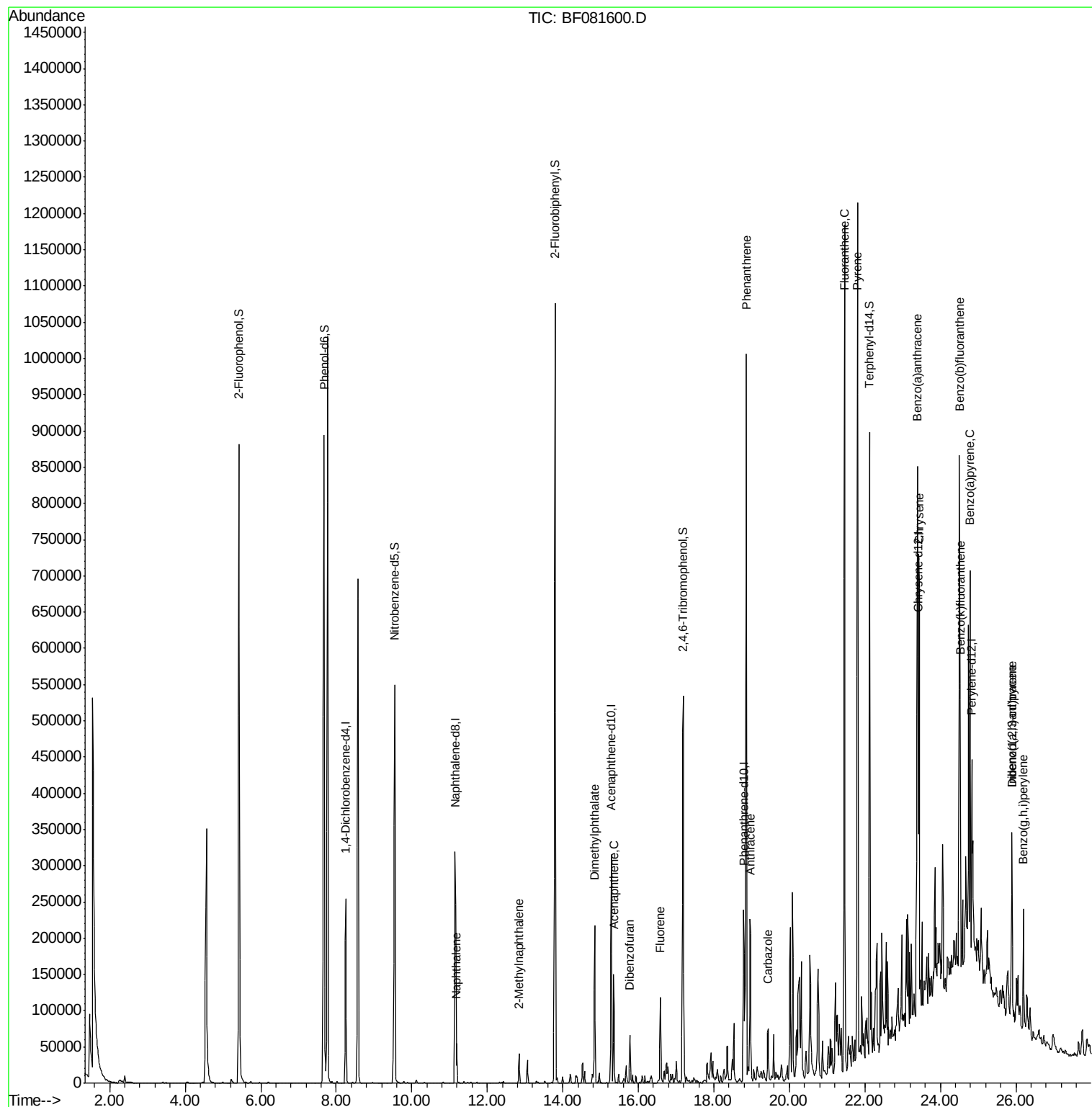
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	62253	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	248869	20.00	ng	-0.01
38) Acenaphthene-d10	15.28	164	111909	20.00	ng	-0.01
63) Phenanthrene-d10	18.79	188	187361	20.00	ng	0.00
75) Chrysene-d12	23.41	240	123852	20.00	ng	0.00
86) Perylene-d12	24.84	264	111683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	407135	101.47	ng	0.02
7) Phenol-d6	7.68	99	581296	109.45	ng	0.00
23) Nitrobenzene-d5	9.54	82	384256	74.49	ng	-0.01
41) 2,4,6-Tribromophenol	17.19	330	94108	94.44	ng	-0.01
44) 2-Fluorobiphenyl	13.80	172	610676	69.93	ng	-0.01
78) Terphenyl-d14	22.13	244	364566	68.52	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.19	128	44218	3.33	ng	99
37) 2-Methylnaphthalene	12.85	142	17482	2.02	ng	# 89
49) Dimethylphthalate	14.85	163	137269	15.79	ng	# 97
51) Acenaphthene	15.35	154	53569	7.14	ng	89
54) Dibenzofuran	15.77	168	50928	4.65	ng	# 83
57) Fluorene	16.58	166	62902	7.56	ng	94
70) Phenanthrene	18.86	178	882229	84.70	ng	97
71) Anthracene	18.96	178	165518	15.47	ng	98
72) Carbazole	19.44	167	55625	5.54	ng	98
74) Fluoranthene	21.46	202	696768	61.79	ng	90
77) Pyrene	21.81	202	726016	79.14	ng	# 93
80) Benzo(a)anthracene	23.40	228	363437	46.08	ng	95
82) Chrysene	23.44	228	305442	43.20	ng	93
85) Indeno(1,2,3-cd)pyrene	25.90	276	127392	24.56	ng	# 79
87) Benzo(b)fluoranthene	24.50	252	376362m	47.20	ng	
88) Benzo(k)fluoranthene	24.53	252	114777m	17.35	ng	
89) Benzo(a)pyrene	24.79	252	245372	36.32	ng	# 88
90) Dibenzo(a,h)anthracene	25.90	278	37481m	7.18	ng	
91) Benzo(g,h,i)perylene	26.21	276	111029	22.28	ng	# 72

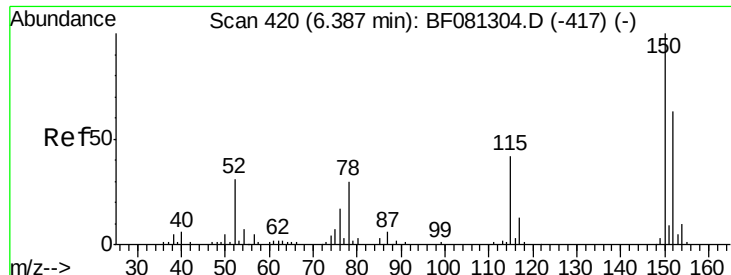
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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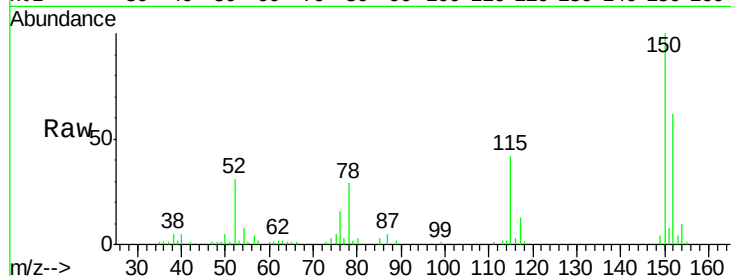


#1

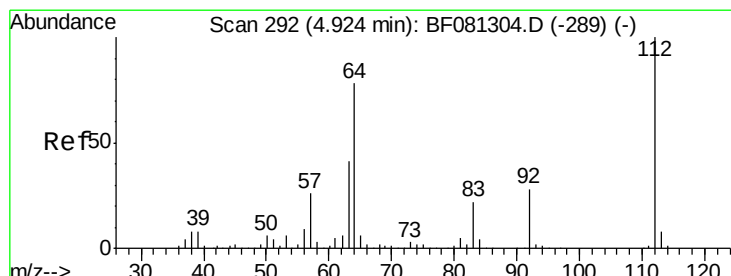
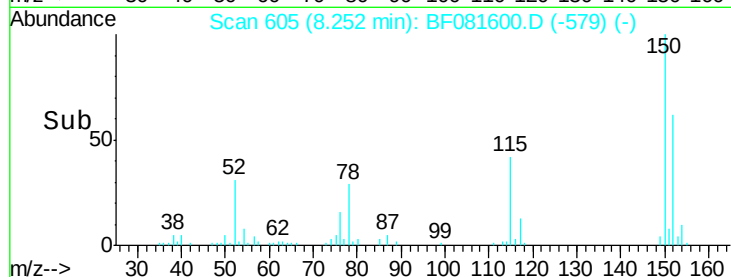
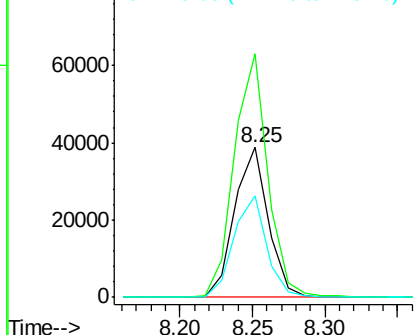
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.25 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF081600.D
Acq: 12 Sep 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)

Tgt Ion:152 Resp: 62253
Ion Ratio Lower Upper
152 100
150 162.6 124.7 187.1
115 67.7 39.0 58.4#



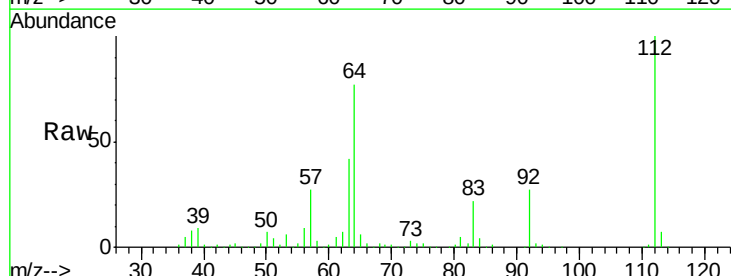
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



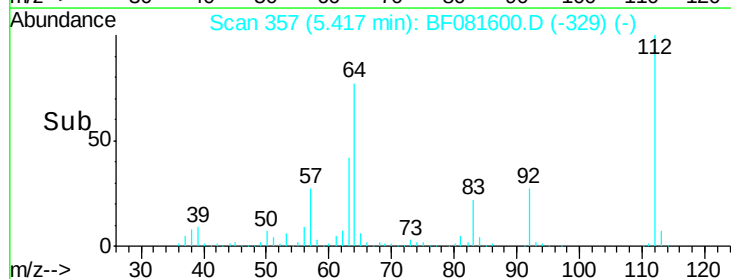
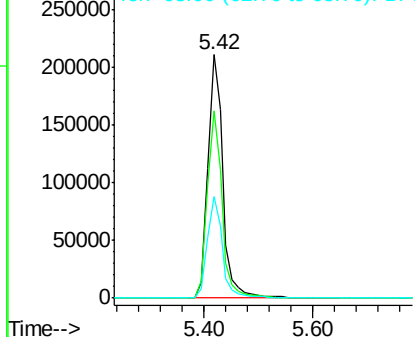
#5

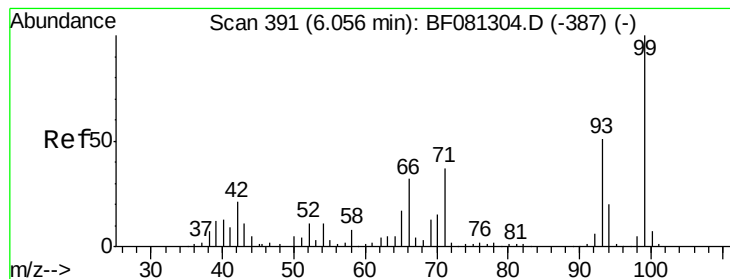
2-Fluorophenol
Concen: 101.47 ng
RT: 5.42 min Scan# 357
Delta R.T. 0.02 min
Lab File: BF081600.D
Acq: 12 Sep 2015 00:51

Tgt Ion:112 Resp: 407135
Ion Ratio Lower Upper
112 100
64 77.0 39.7 59.5#
63 41.9 17.4 26.0#



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: 109.45 ng

RT: 7.68 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-19(0-0.16)

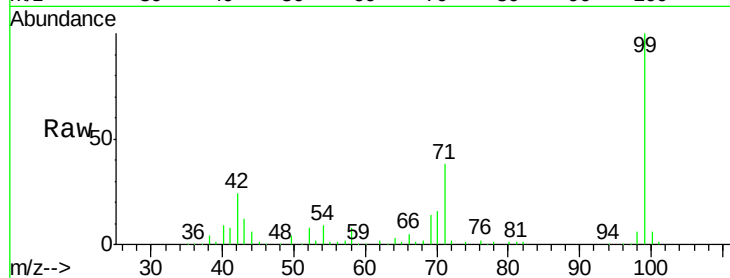
Tgt Ion: 99 Resp: 581296

Ion Ratio Lower Upper

99 100

42 23.6 13.7 20.5#

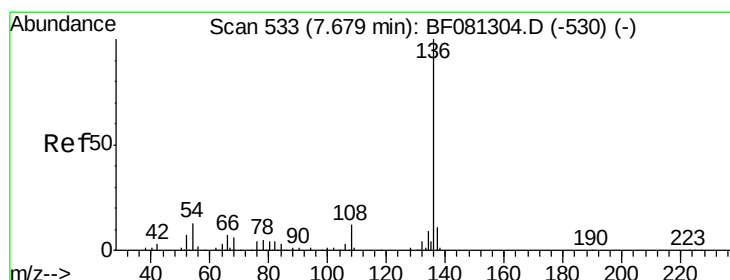
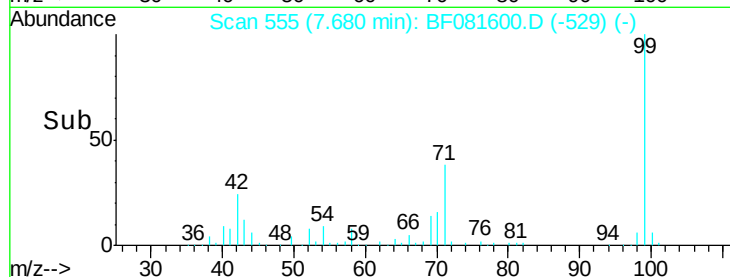
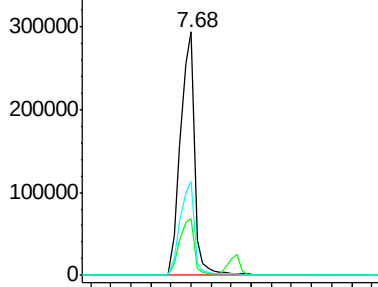
71 38.3 14.2 21.2#



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: 11.14 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

Tgt Ion: 136 Resp: 248869

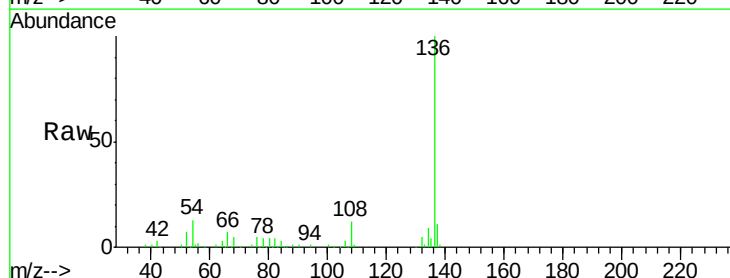
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 12.5 8.2 12.2#

68 5.0 5.8 8.6#

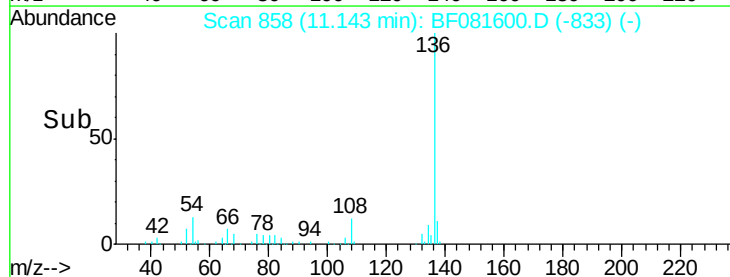
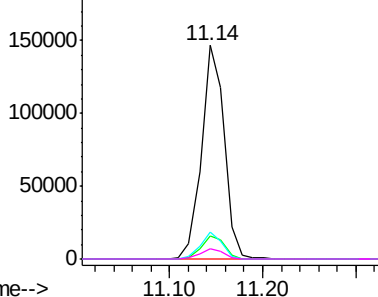


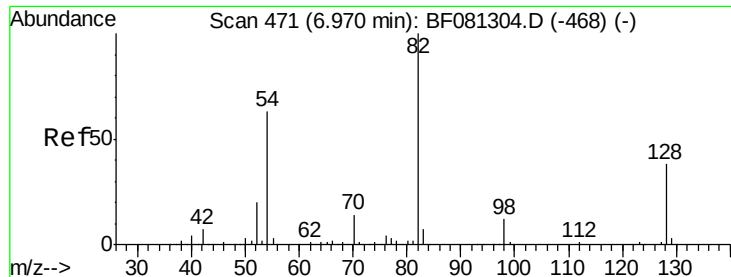
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

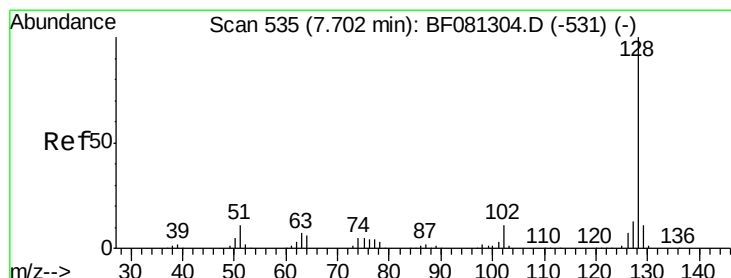
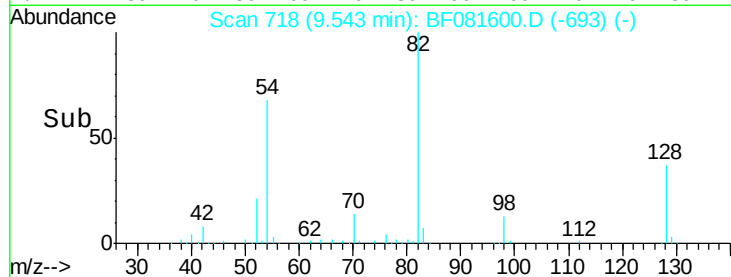
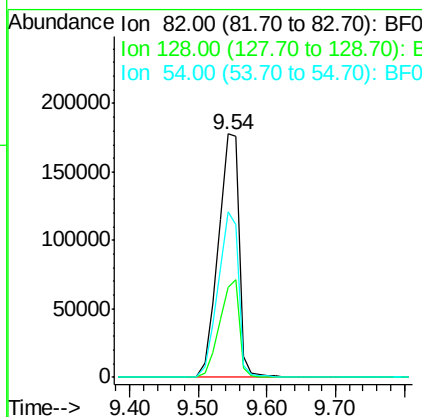
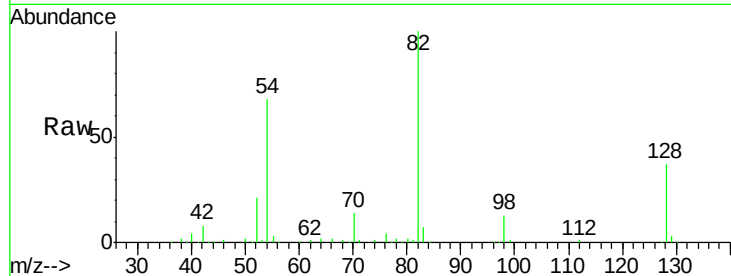




#23
 Nitrobenzene-d5
 Concen: 74.49 ng
 RT: 9.54 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF081600.D
 Acq: 12 Sep 2015 00:51

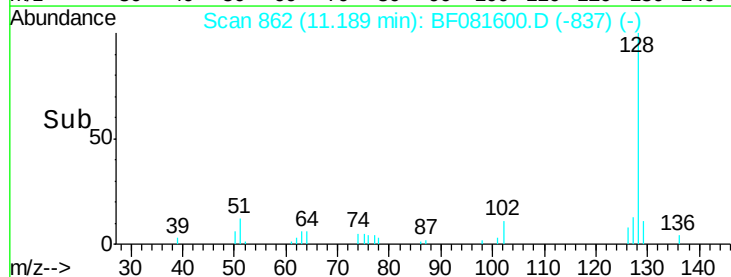
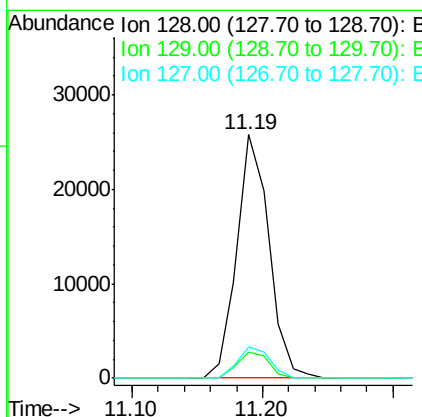
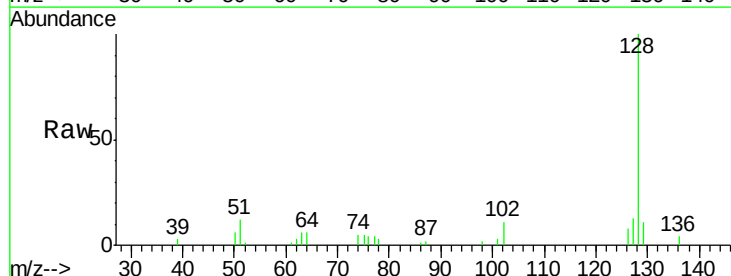
Instrument :
 BNA_F
 ClientSampleId :
 SB-19(0-0.16)

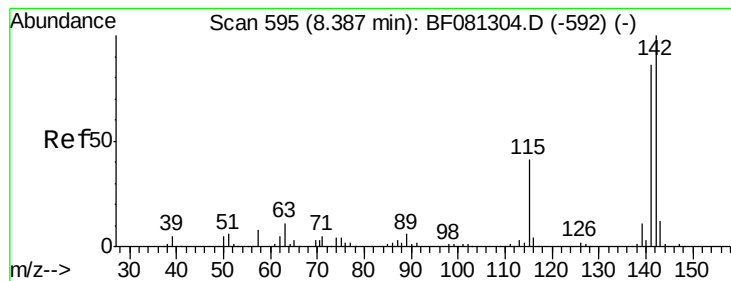
Tgt Ion: 82 Resp: 384256
 Ion Ratio Lower Upper
 82 100
 128 37.1 51.0 76.6#
 54 68.1 47.5 71.3



#31
 Naphthalene
 Concen: 3.33 ng
 RT: 11.19 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF081600.D
 Acq: 12 Sep 2015 00:51

Tgt Ion: 128 Resp: 44218
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.4 12.6
 127 12.8 9.9 14.9





#37

2-Methylnaphthalene

Concen: 2.02 ng

RT: 12.85 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-19(0-0.16)

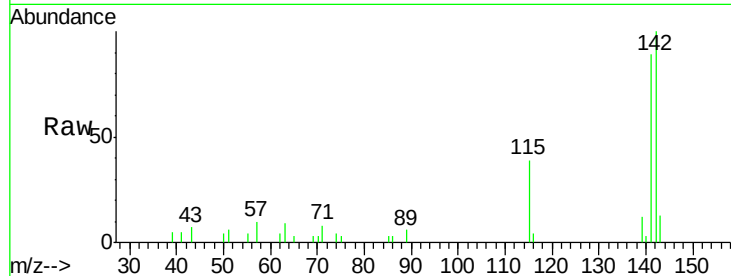
Tgt Ion:142 Resp: 17482

Ion Ratio Lower Upper

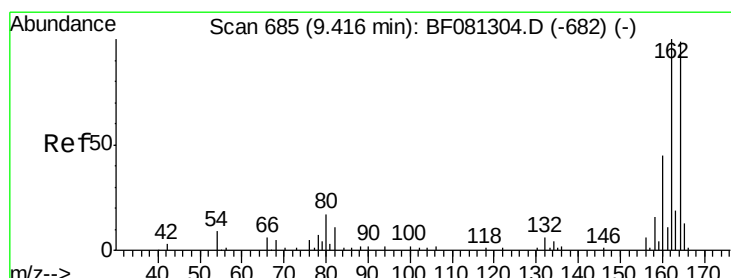
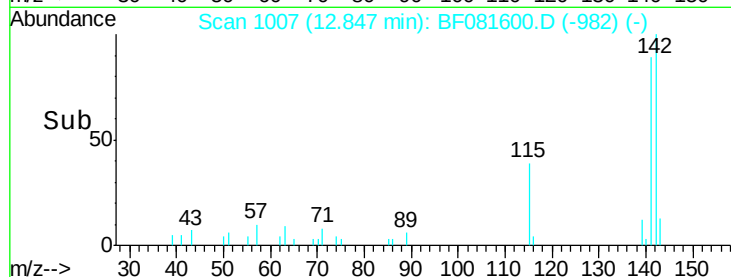
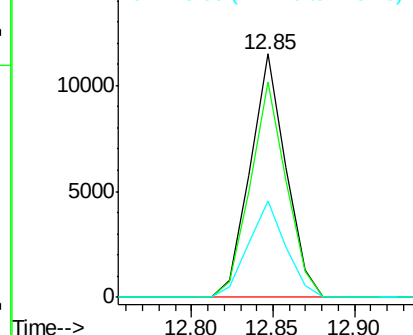
142 100

141 88.6 67.5 101.3

115 39.5 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.28 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

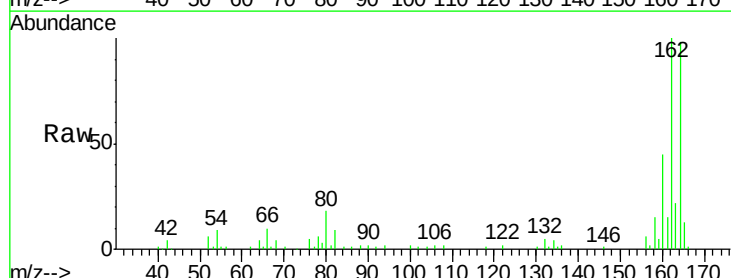
Tgt Ion:164 Resp: 111909

Ion Ratio Lower Upper

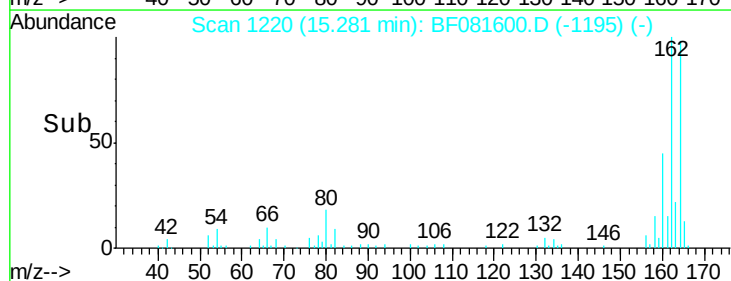
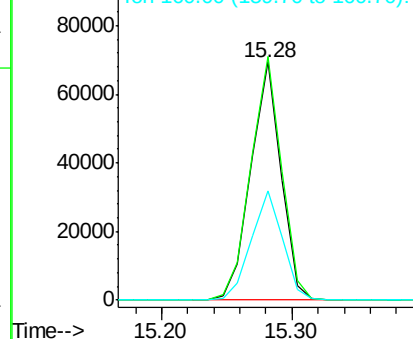
164 100

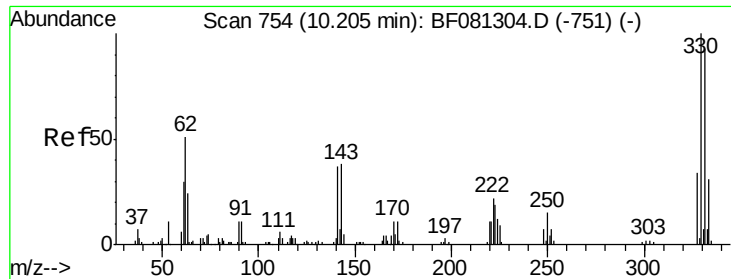
162 102.2 75.2 112.8

160 46.0 31.5 47.3



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

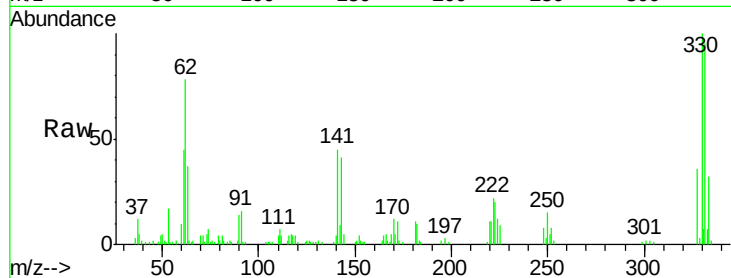




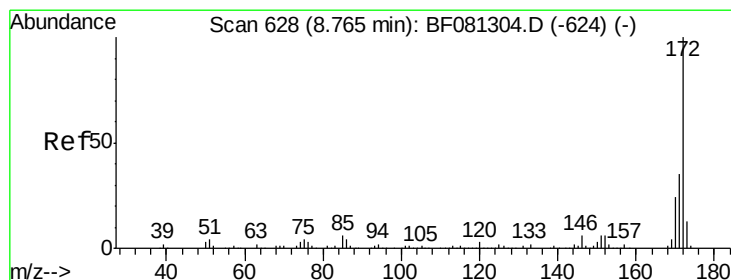
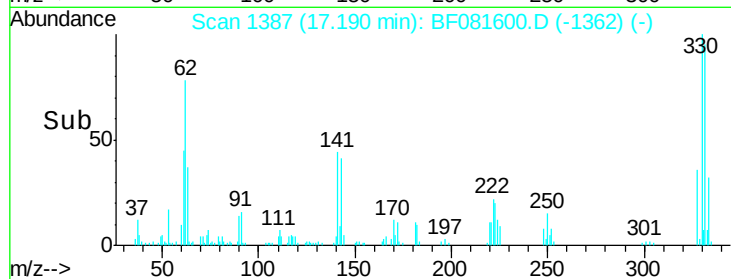
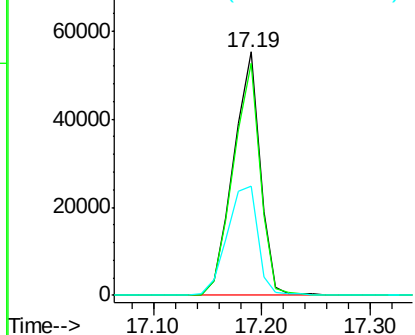
#41
 2,4,6-Tribromophenol
 Concen: 94.44 ng
 RT: 17.19 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF081600.D
 Acq: 12 Sep 2015 00:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(0-0.16)

Tgt Ion:330 Resp: 94108
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 51.4 29.7 44.5#

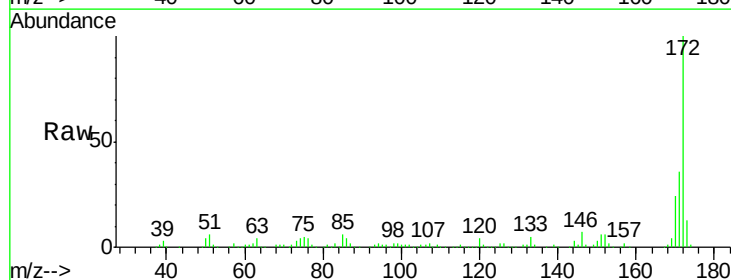


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

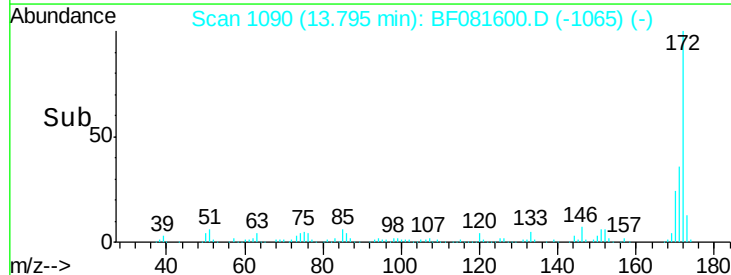
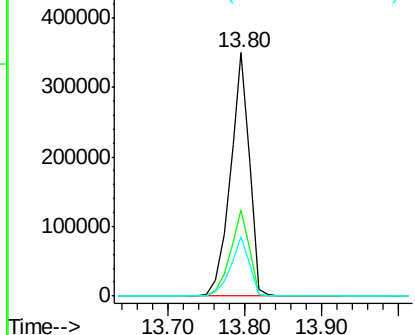


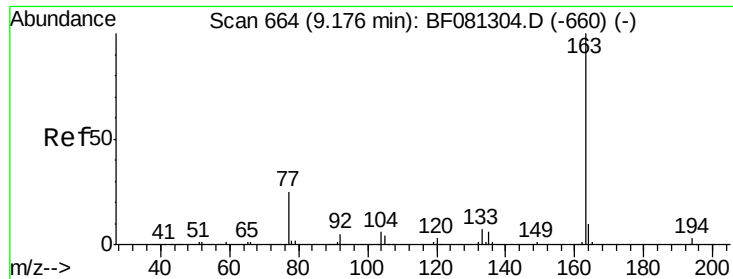
#44
 2-Fluorobiphenyl
 Concen: 69.93 ng
 RT: 13.80 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: BF081600.D
 Acq: 12 Sep 2015 00:51

Tgt Ion:172 Resp: 610676
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 24.3 17.4 26.2



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: 15.79 ng

RT: 14.85 min Scan# 1182

Delta R.T. -0.03 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-19(0-0.16)

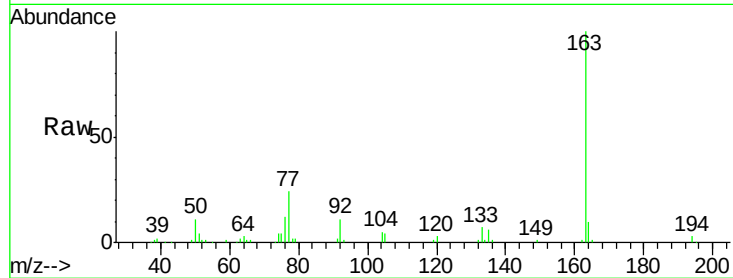
Tgt Ion:163 Resp: 137269

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

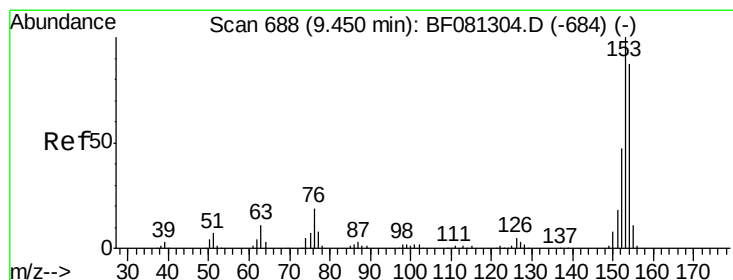
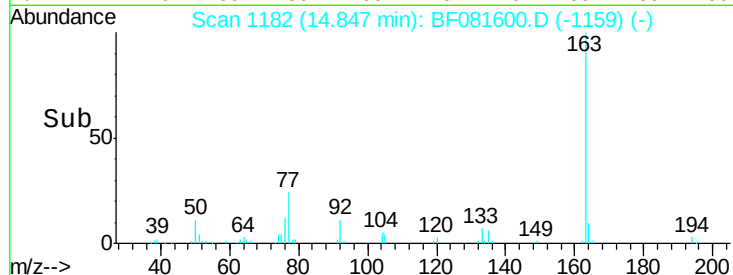
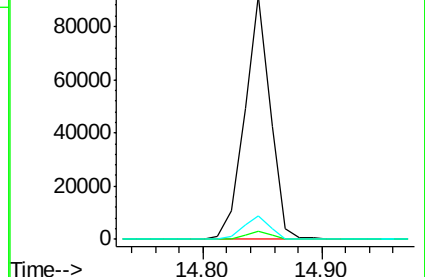
164 9.7 8.3 12.5



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: 7.14 ng

RT: 15.35 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

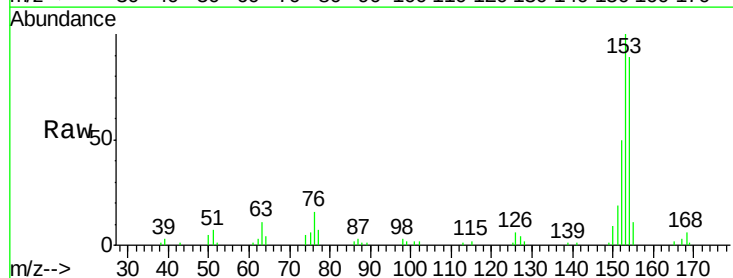
Tgt Ion:154 Resp: 53569

Ion Ratio Lower Upper

154 100

153 112.6 82.1 123.1

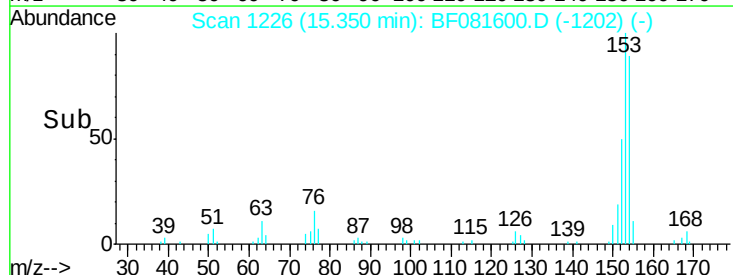
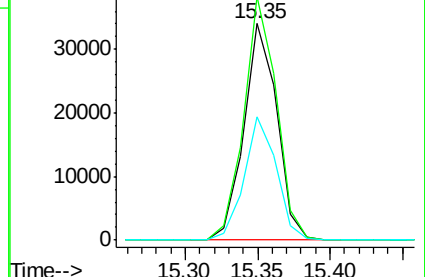
152 56.8 37.9 56.9

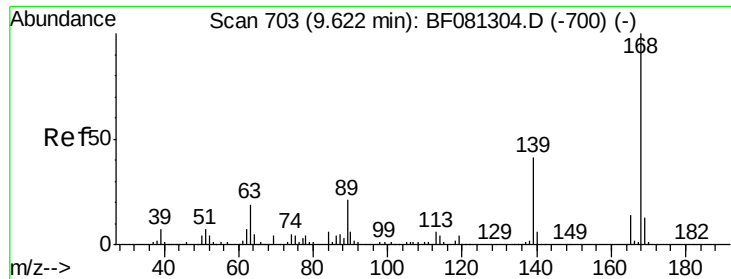


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 4.65 ng

RT: 15.77 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-19(0-0.16)

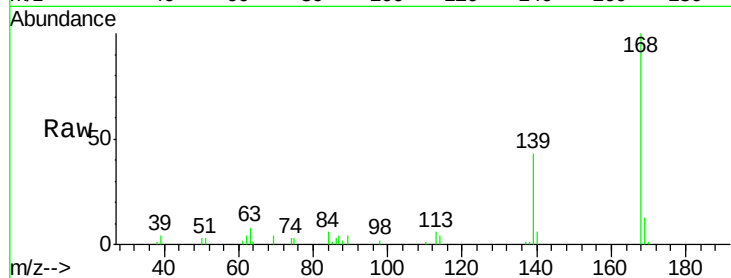
Tgt Ion:168 Resp: 50928

Ion Ratio Lower Upper

168 100

139 43.3 24.2 36.2#

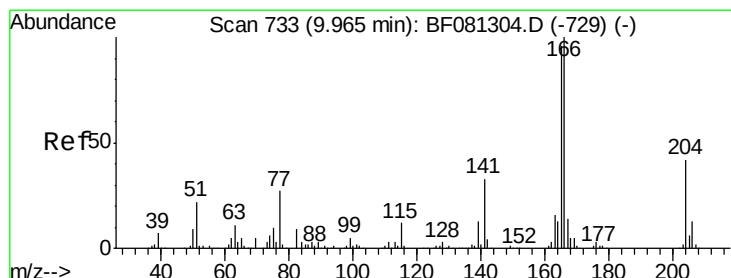
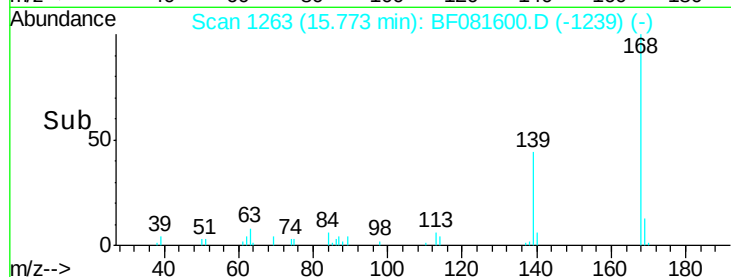
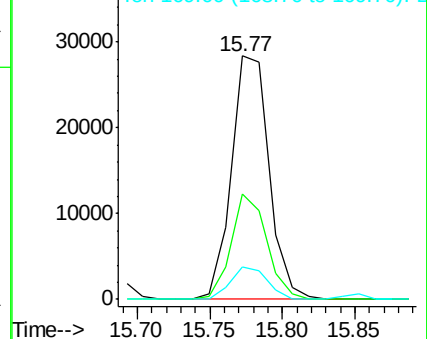
169 13.2 10.6 15.8



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: 7.56 ng

RT: 16.58 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

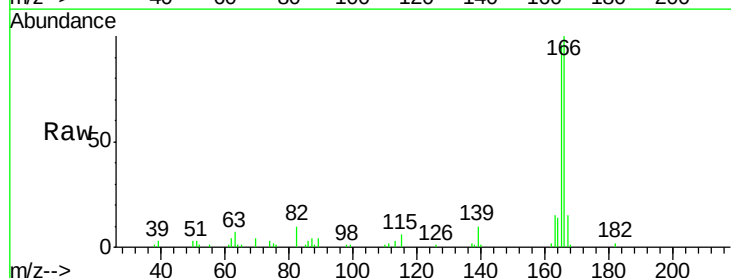
Tgt Ion:166 Resp: 62902

Ion Ratio Lower Upper

166 100

165 96.5 72.6 109.0

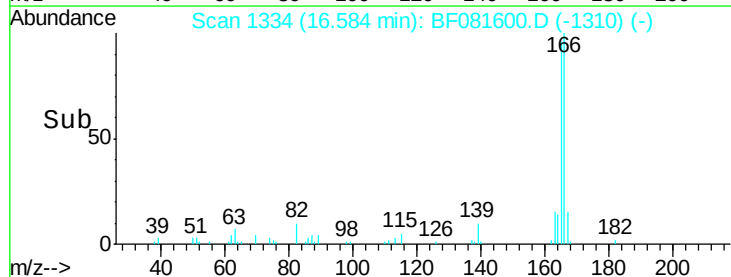
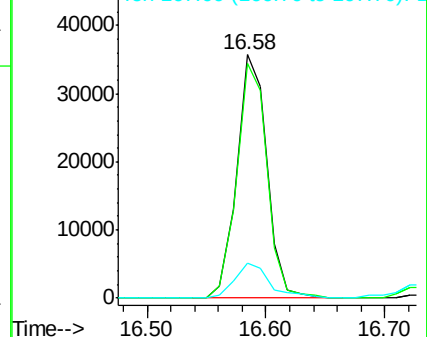
167 14.6 10.6 16.0

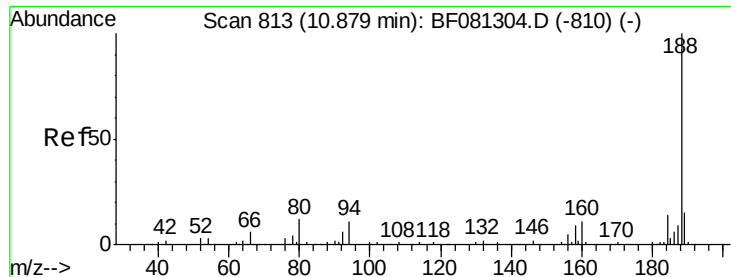


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

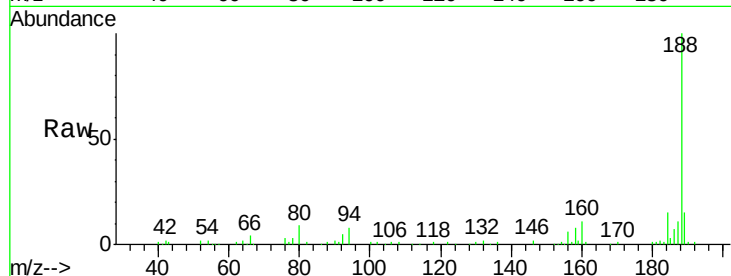




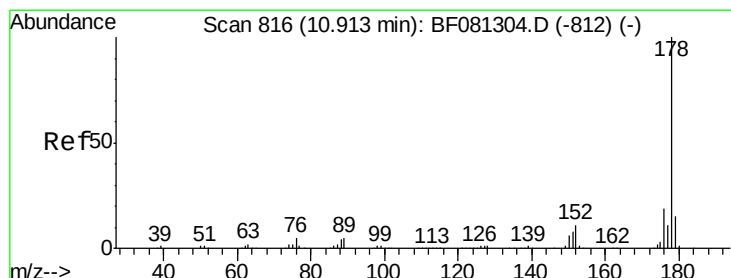
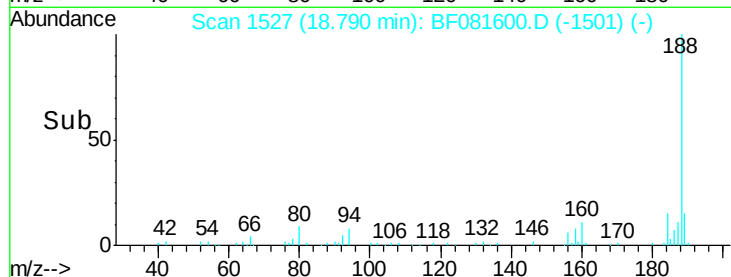
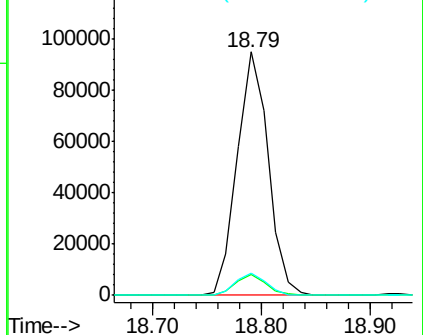
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.79 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF081600.D
Acq: 12 Sep 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)

Tgt Ion:188 Resp: 187361
Ion Ratio Lower Upper
188 100
94 8.5 11.1 16.7#
80 9.1 11.0 16.4#

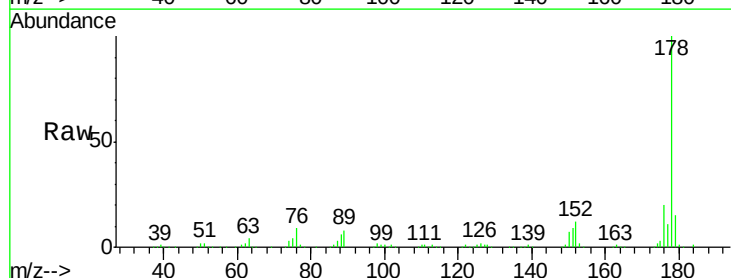


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

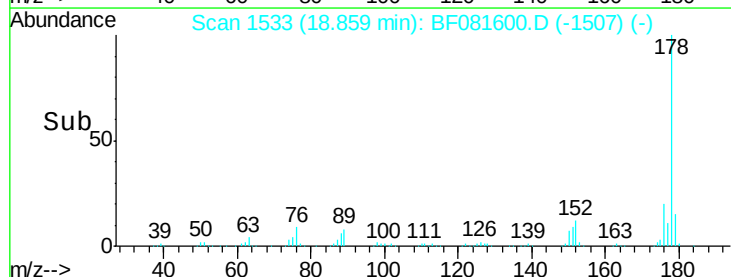
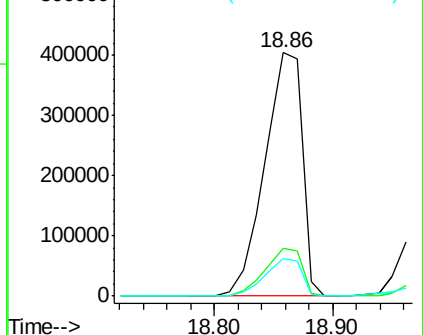


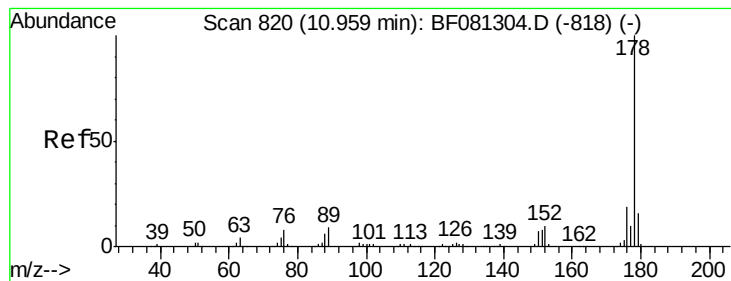
#70
Phenanthrene
Concen: 84.70 ng
RT: 18.86 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF081600.D
Acq: 12 Sep 2015 00:51

Tgt Ion:178 Resp: 882229
Ion Ratio Lower Upper
178 100
176 19.5 13.8 20.8
179 15.3 12.2 18.2



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: 15.47 ng

RT: 18.96 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-19(0-0.16)

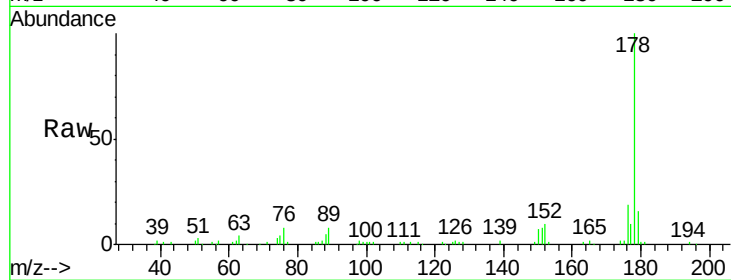
Tgt Ion:178 Resp: 165518

Ion Ratio Lower Upper

178 100

176 18.9 14.1 21.1

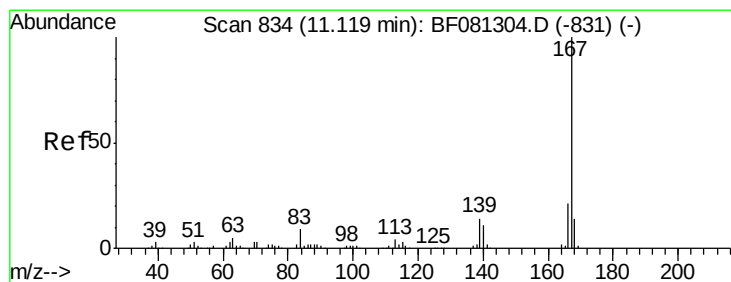
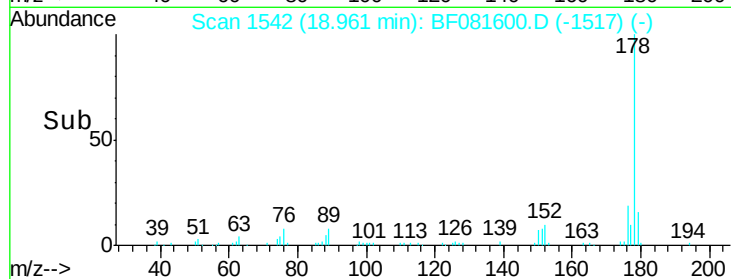
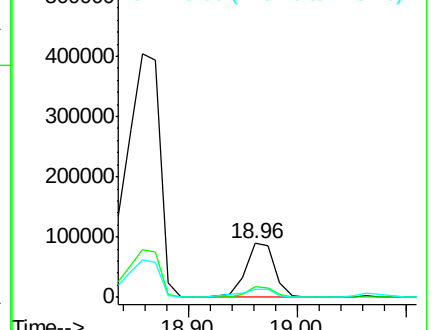
179 15.7 12.2 18.2



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: 5.54 ng

RT: 19.44 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

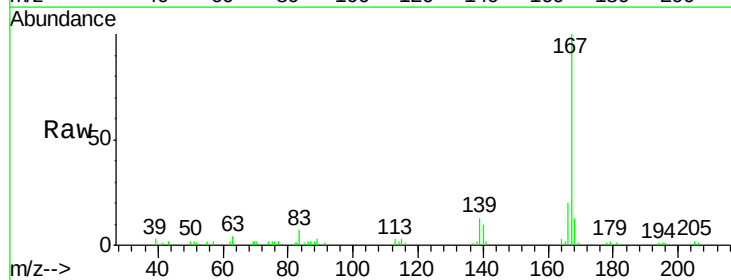
Tgt Ion:167 Resp: 55625

Ion Ratio Lower Upper

167 100

166 20.0 15.7 23.5

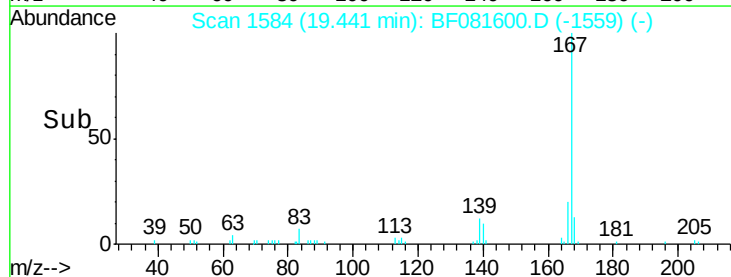
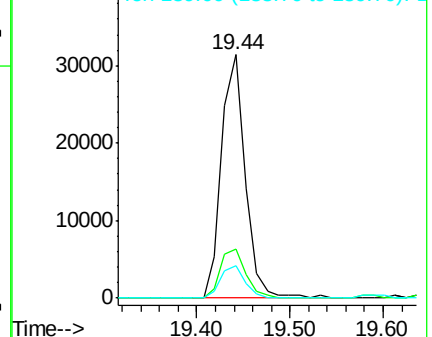
139 13.4 9.5 14.3

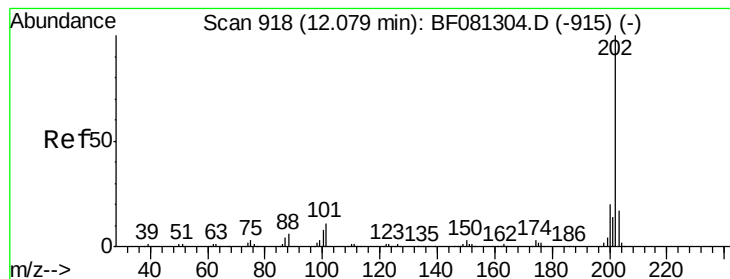


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 61.79 ng

RT: 21.46 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-19(0-0.16)

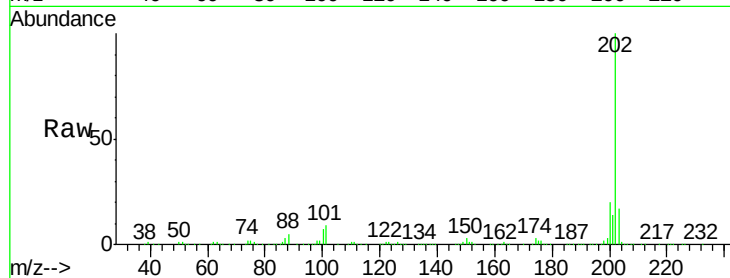
Tgt Ion:202 Resp: 696768

Ion Ratio Lower Upper

202 100

101 9.4 0.0 38.3

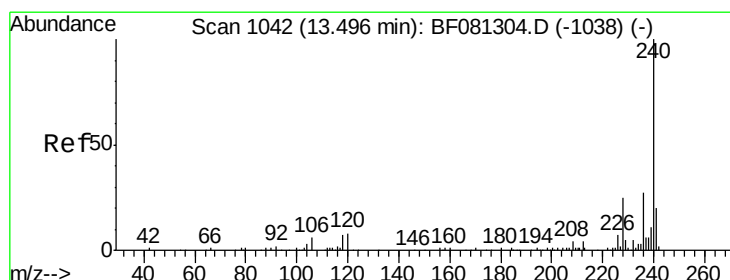
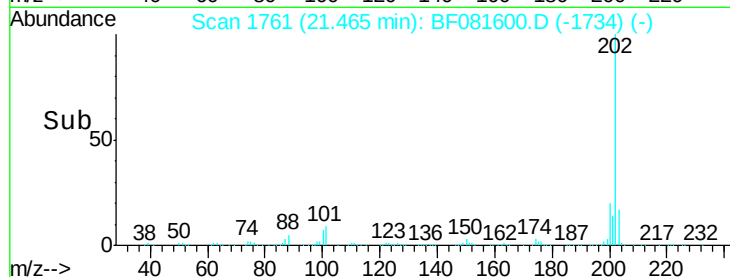
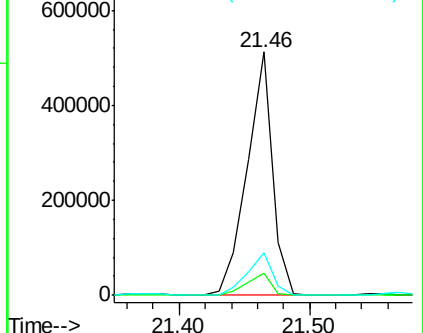
203 17.3 0.0 37.3



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: 23.41 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

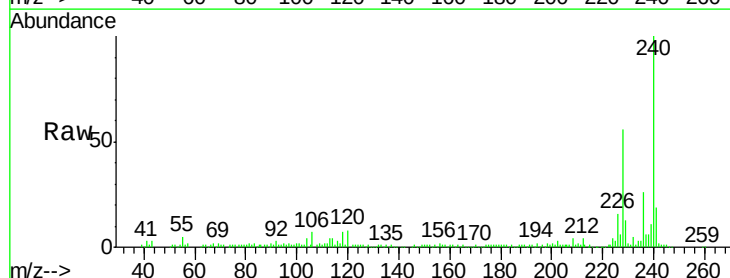
Tgt Ion:240 Resp: 123852

Ion Ratio Lower Upper

240 100

120 8.3 16.2 24.2#

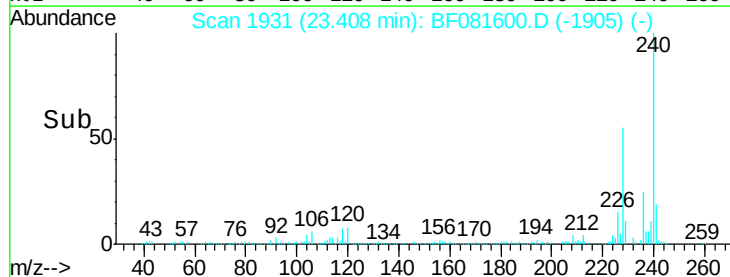
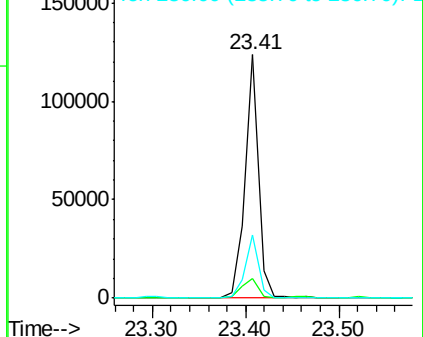
236 25.7 18.4 27.6

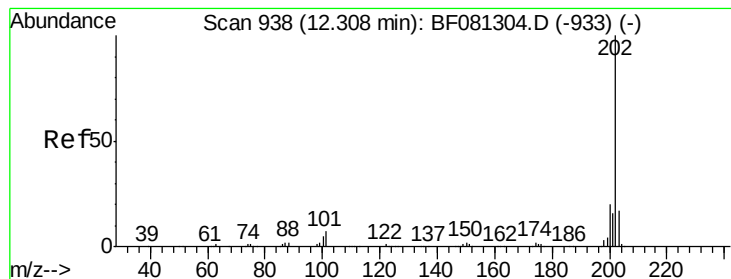


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 79.14 ng

RT: 21.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-19(0-0.16)

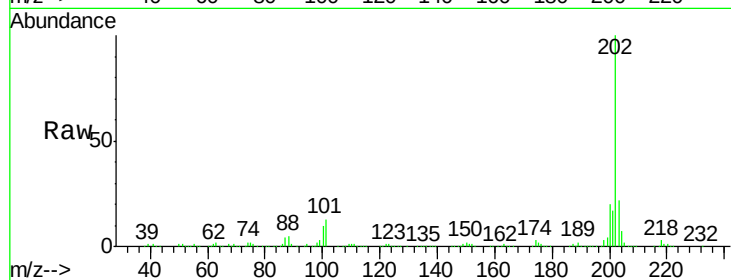
Tgt Ion:202 Resp: 726016

Ion Ratio Lower Upper

202 100

200 20.1 15.0 22.4

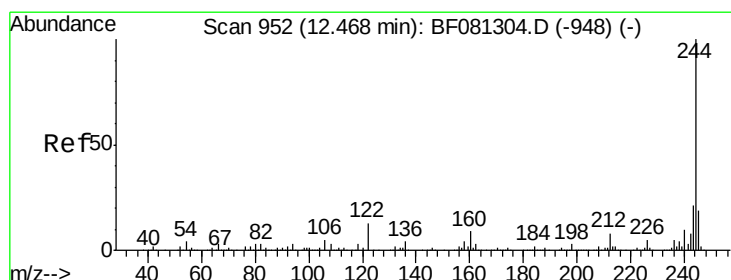
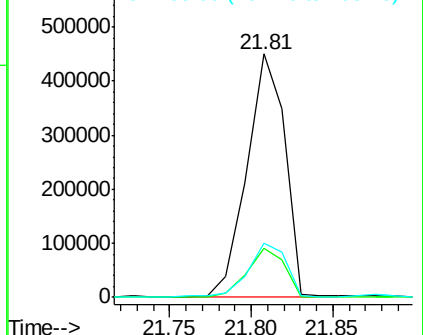
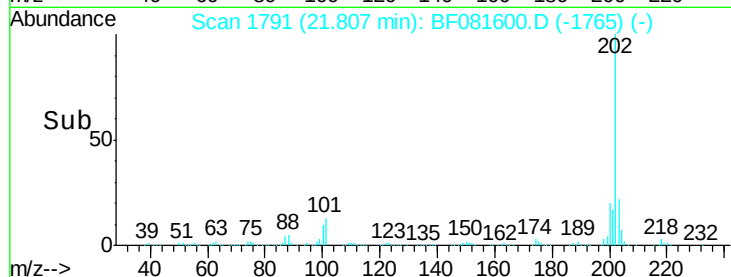
203 22.1 14.1 21.1#



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: 68.52 ng

RT: 22.13 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

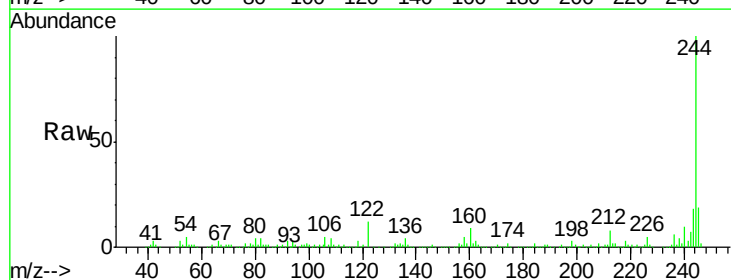
Tgt Ion:244 Resp: 364566

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

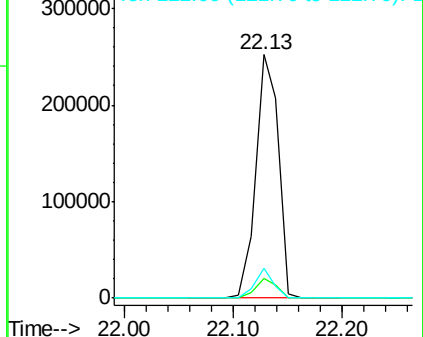
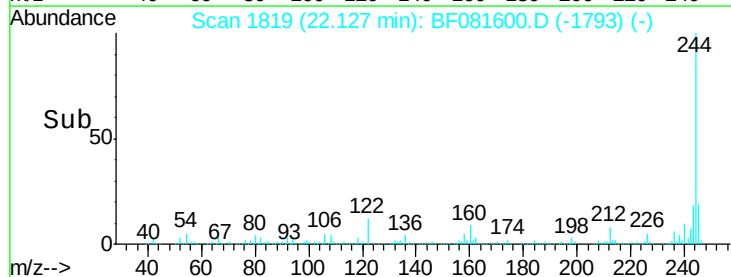
122 12.4 17.4 26.2#

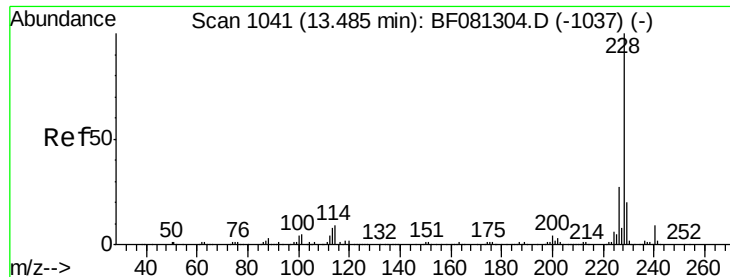


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 46.08 ng

RT: 23.40 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-19(0-0.16)

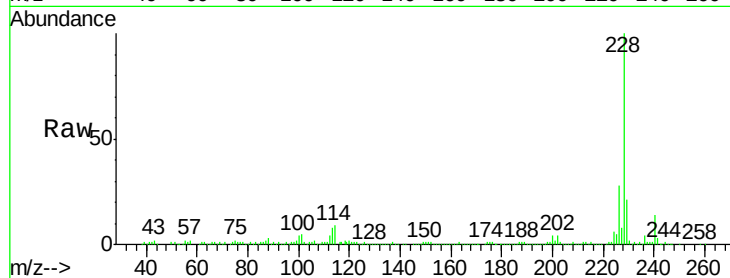
Tgt Ion:228 Resp: 363437

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

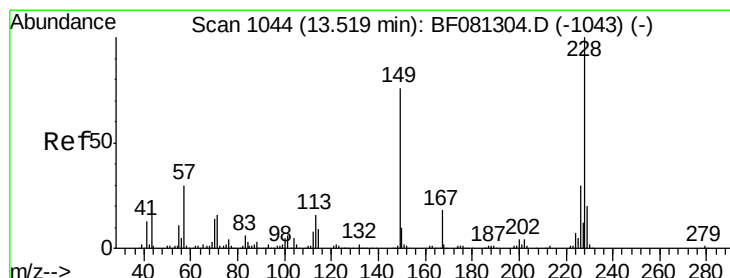
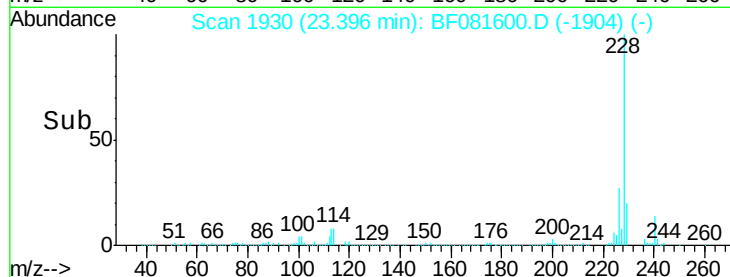
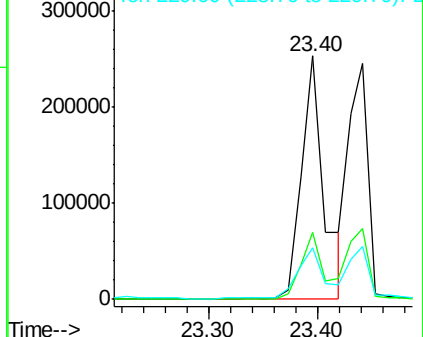
229 21.0 15.4 23.2



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: 43.20 ng

RT: 23.44 min Scan# 1934

Delta R.T. 0.01 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

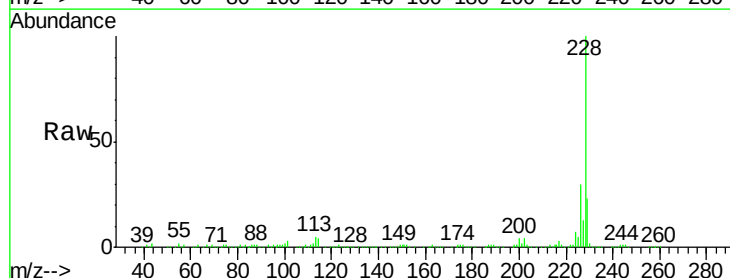
Tgt Ion:228 Resp: 305442

Ion Ratio Lower Upper

228 100

226 30.0 21.0 31.4

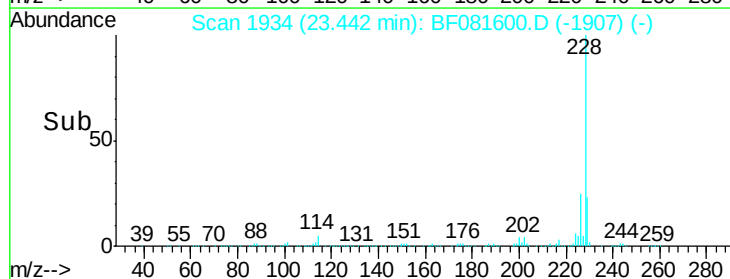
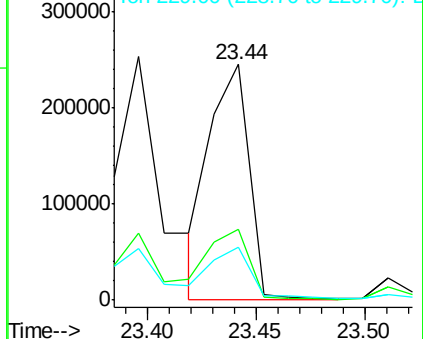
229 22.7 15.6 23.4

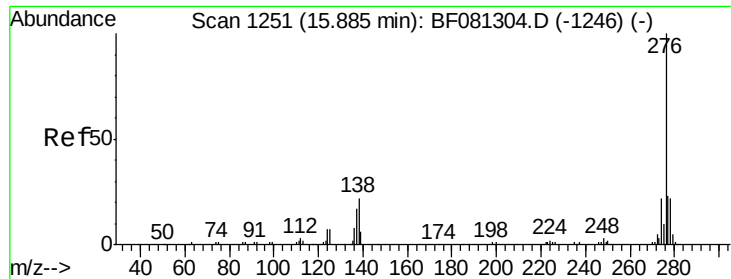


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

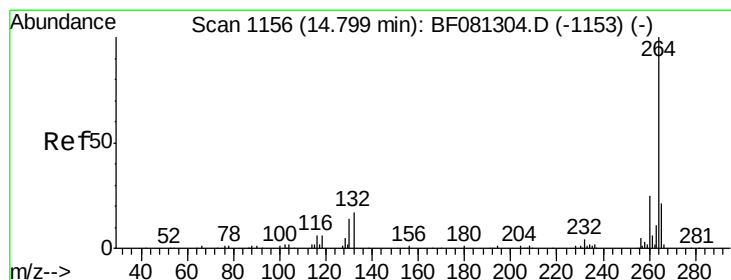
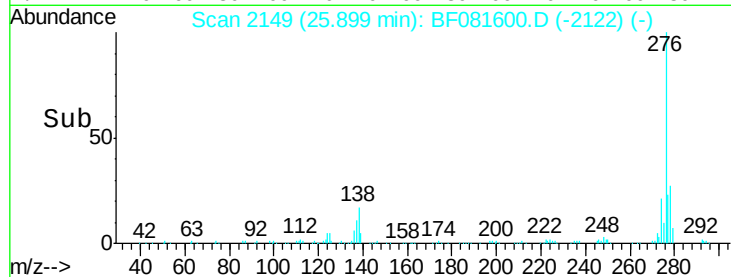
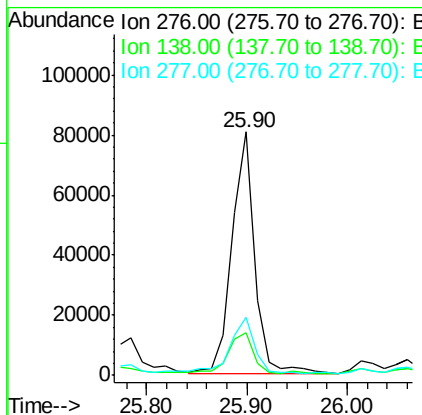
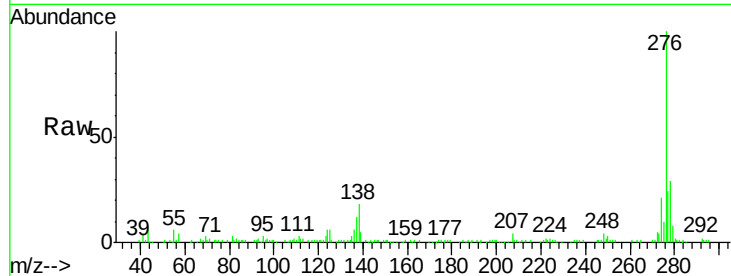




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.56 ng
 RT: 25.90 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: BF081600.D
 Acq: 12 Sep 2015 00:51

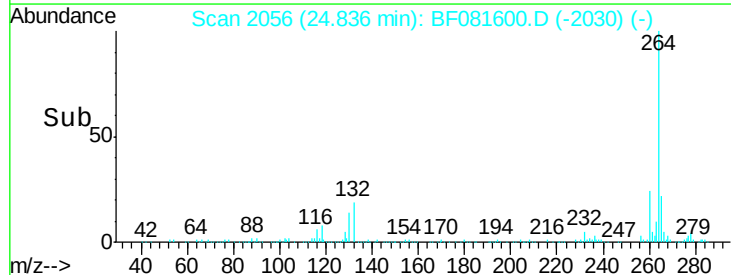
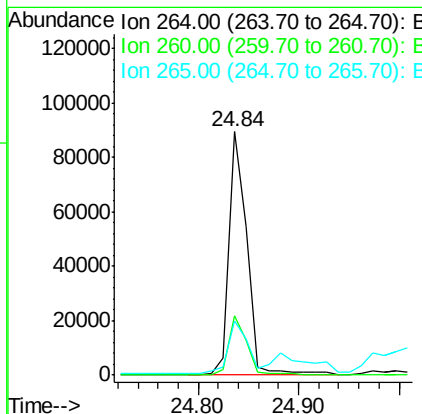
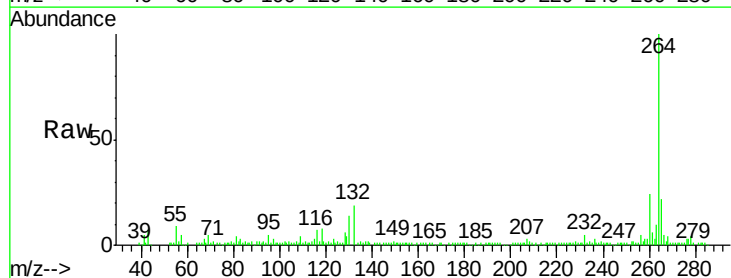
Instrument :
 BNA_F
 ClientSampleId :
 SB-19(0-0.16)

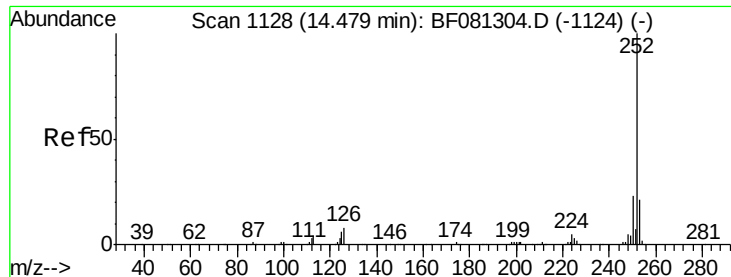
Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.9	25.7	38.5#
277	26.7	15.6	23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.84 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BF081600.D
 Acq: 12 Sep 2015 00:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	22.2	17.2	25.8

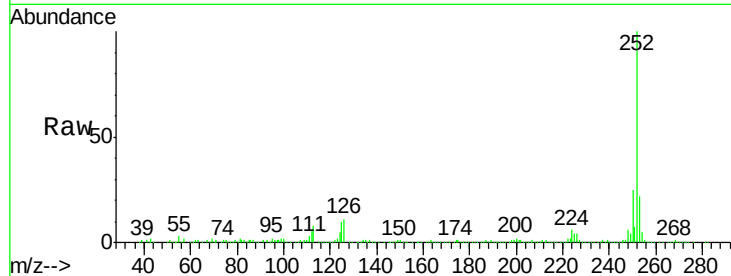




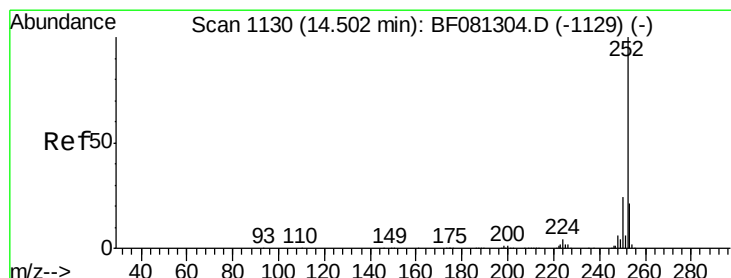
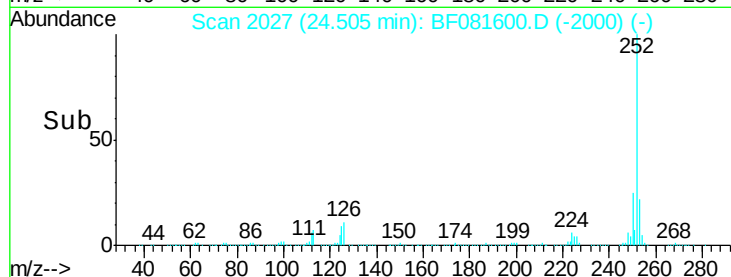
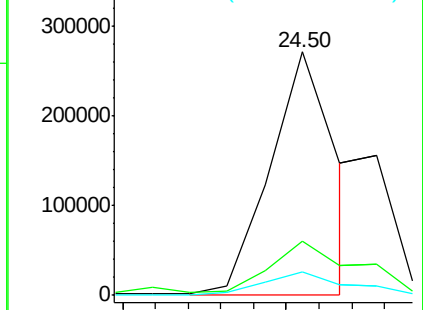
#87
Benzo(b)fluoranthene
Concen: 47.20 ng m
RT: 24.50 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF081600.D
Acq: 12 Sep 2015 00:51

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)

Tgt Ion:252 Resp: 376362
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.8 17.1 25.7#

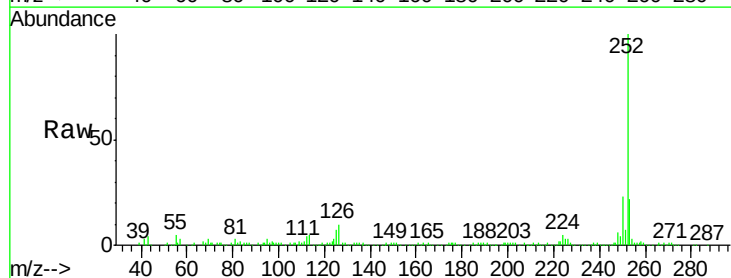


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

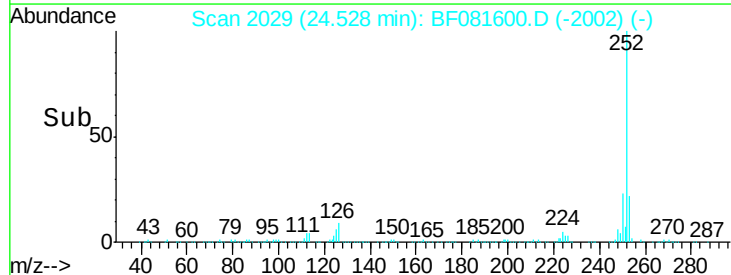
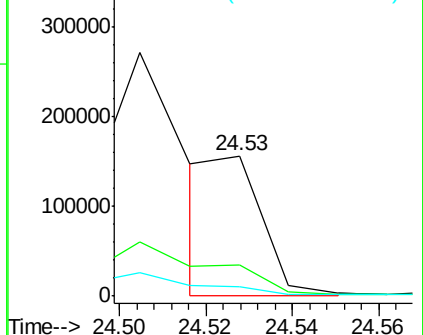


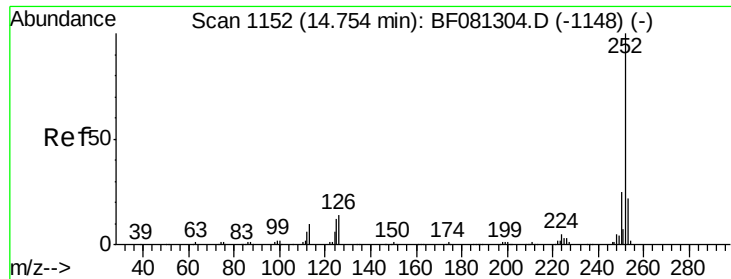
#88
Benzo(k)fluoranthene
Concen: 17.35 ng m
RT: 24.53 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF081600.D
Acq: 12 Sep 2015 00:51

Tgt Ion:252 Resp: 114777
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 6.6 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.32 ng

RT: 24.79 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-19(0-0.16)

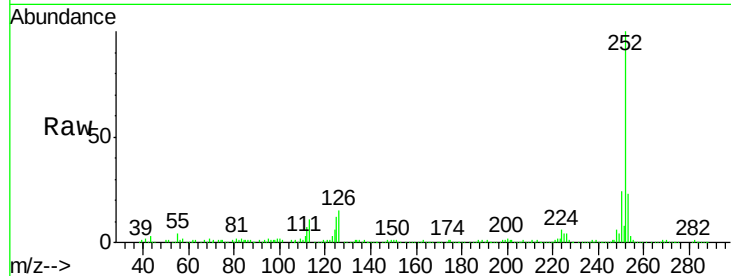
Tgt Ion:252 Resp: 245372

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

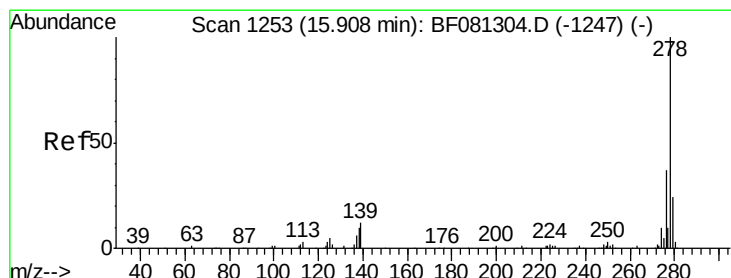
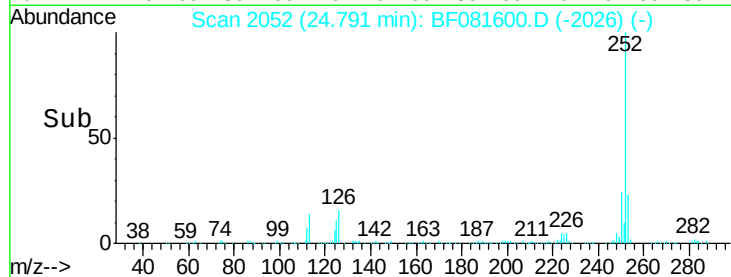
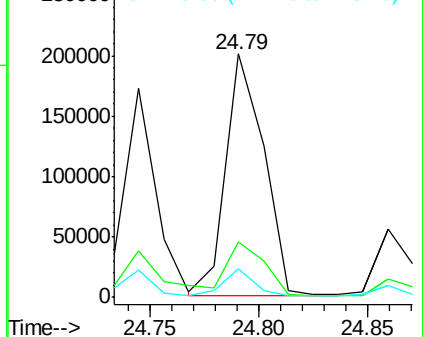
125 12.0 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 7.18 ng m

RT: 25.90 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

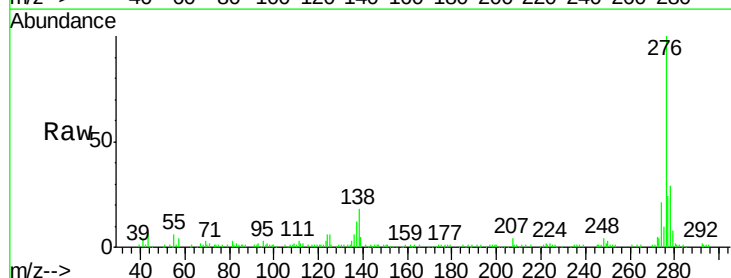
Tgt Ion:278 Resp: 37481

Ion Ratio Lower Upper

278 100

139 16.7 26.3 39.5#

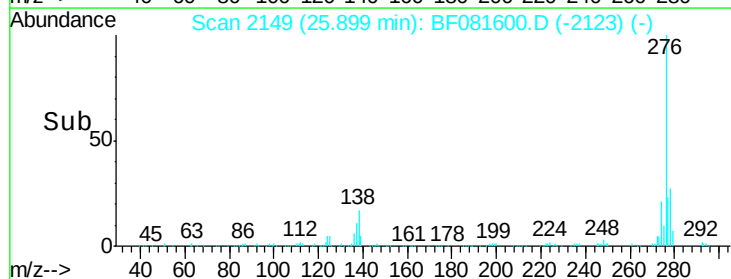
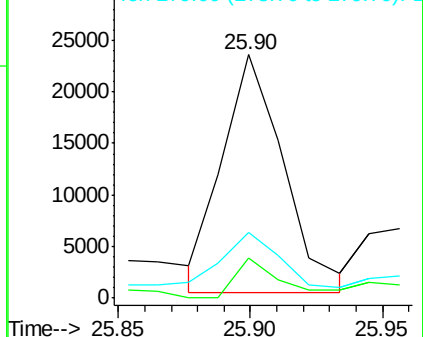
279 27.1 18.2 27.4

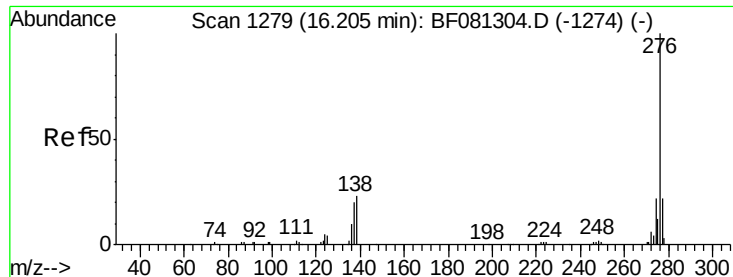


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 22.28 ng

RT: 26.21 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF081600.D

Acq: 12 Sep 2015 00:51

Instrument :

BNA_F

ClientSampleId :

SB-19(0-0.16)

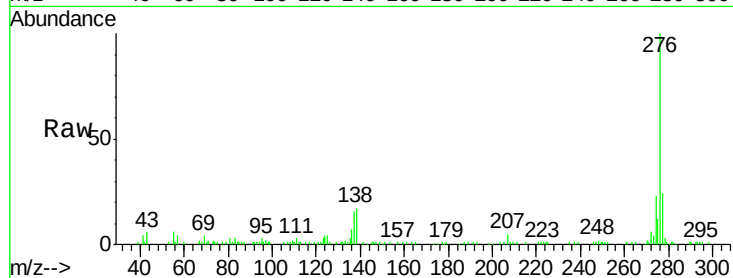
Tgt Ion: 276 Resp: 111029

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 17.0 34.6 51.8#



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

