

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052715\
 Data File : BF079520.D
 Acq On : 27 May 2015 15:52
 Operator : TP/IZ
 Sample : G2289-09 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29S

Quant Time: May 27 16:40:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	69061	20.00	ng	-0.01
21) Naphthalene-d8	8.58	136	303675	20.00	ng	-0.01
38) Acenaphthene-d10	10.74	164	146313	20.00	ng	-0.02
63) Phenanthrene-d10	12.58	188	271081	20.00	ng	-0.01
75) Chrysene-d12	15.89	240	259993	20.00	ng	0.01
86) Perylene-d12	17.67	264	311896	20.00	ng	0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	76241	19.15	ng	-0.02
7) Phenol-d6	6.59	99	116128	22.88	ng	-0.02
23) Nitrobenzene-d5	7.70	82	65993	12.56	ng	-0.01
41) 2,4,6-Tribromophenol	11.72	330	30080	18.72	ng	-0.02
44) 2-Fluorobiphenyl	9.92	172	149953	14.62	ng	-0.02
78) Terphenyl-d14	14.58	244	171715	15.50	ng	-0.01

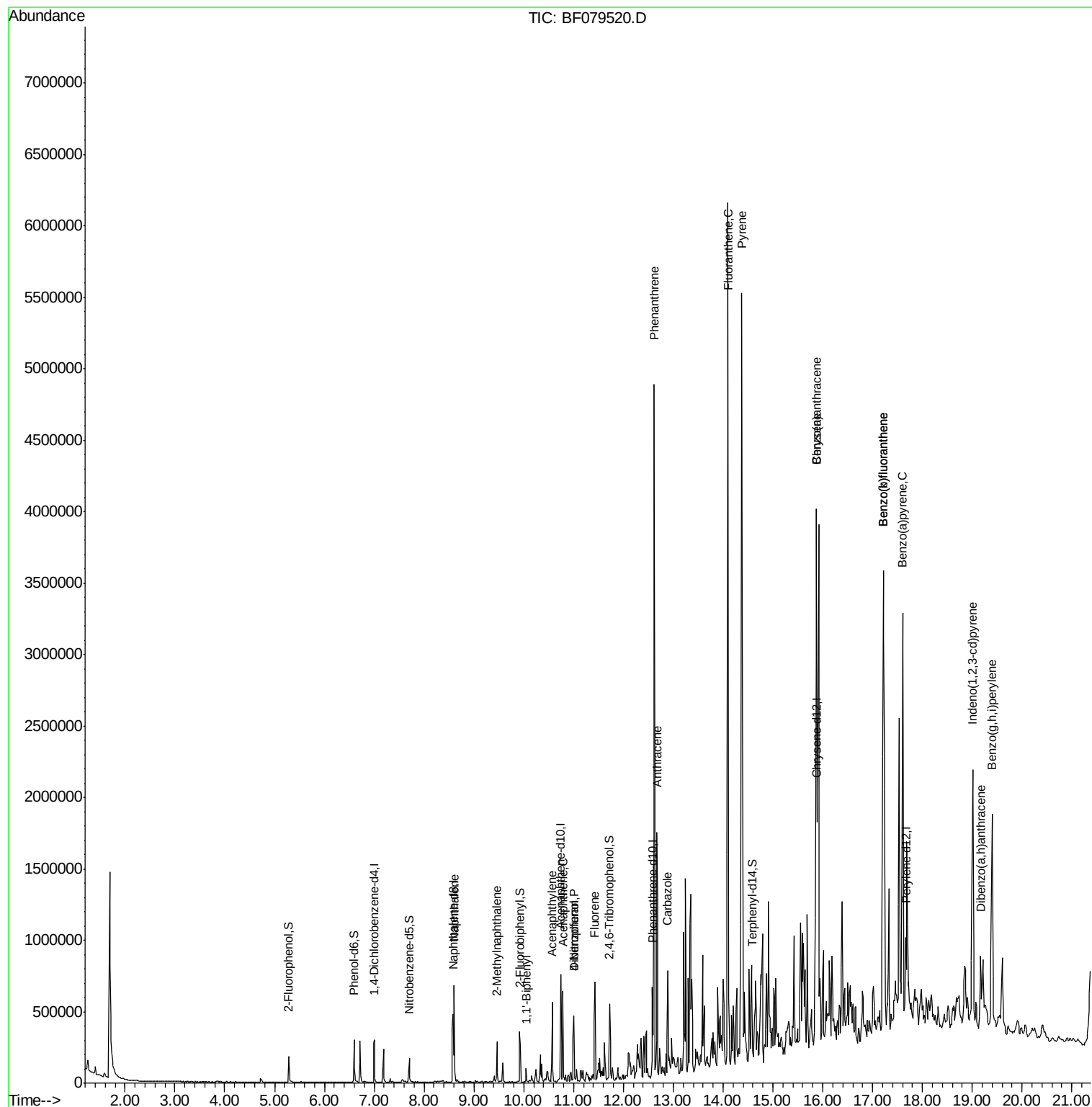
Target Compounds				Qvalue		
31) Naphthalene	8.60	128	312686	21.46	ng	99
37) 2-Methylnaphthalene	9.46	142	80089	7.92	ng	97
45) 1,1'-Biphenyl	10.04	154	28206	2.47	ng	97
48) Acenaphthylene	10.57	152	237014	15.82	ng	99
51) Acenaphthene	10.79	154	176573	20.61	ng	99
54) Dibenzofuran	11.00	168	213365	16.89	ng	94
55) 4-Nitrophenol	11.00	139	81903	52.72	ng	# 13
57) Fluorene	11.43	166	242494	23.29	ng	100
70) Phenanthrene	12.62	178	2430750	163.45	ng	95
71) Anthracene	12.67	178	903617	59.85	ng	98
72) Carbazole	12.89	167	305975	21.05	ng	99
73) Di-n-butylphthalate	13.35	149	7116	Below Cal	#	1
74) Fluoranthene	14.10	202	3465321	217.29	ng	93
77) Pyrene	14.38	202	3330898	206.79	ng	# 93
80) Benzo(a)anthracene	15.87	228	2235532	149.47	ng	96
82) Chrysene	15.87	228	2220889	156.22	ng	97
85) Indeno(1,2,3-cd)pyrene	19.01	276	1322026	72.30	ng	95
87) Benzo(b)fluoranthene	17.21	252	3200114	179.90	ng	# 94
88) Benzo(k)fluoranthene	17.21	252	3200114	201.17	ng	# 93
89) Benzo(a)pyrene	17.60	252	1887453	124.40	ng	# 93
90) Dibenzo(a,h)anthracene	19.17	278	301146	17.52	ng	94
91) Benzo(g,h,i)perylene	19.39	276	1251786	73.97	ng	98

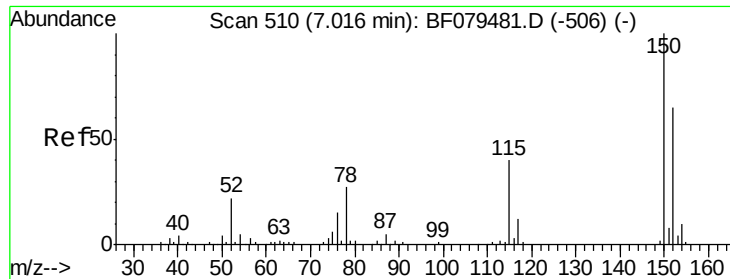
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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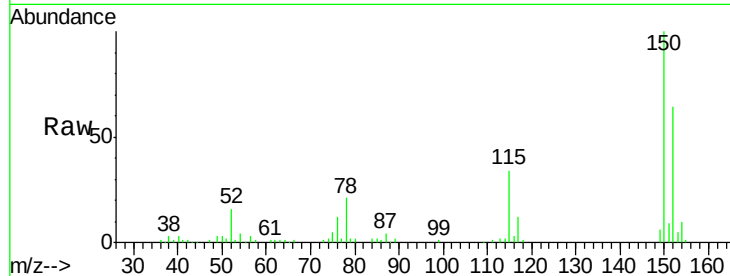


#1

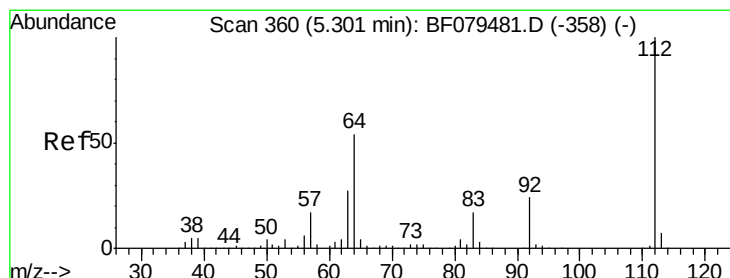
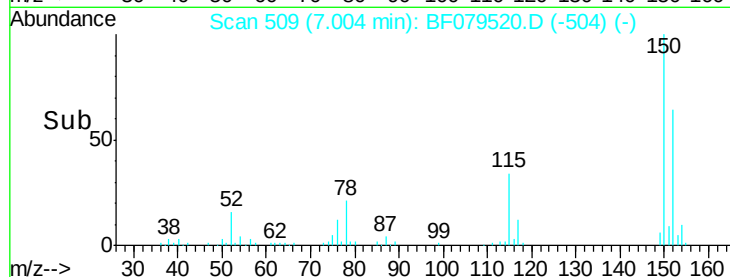
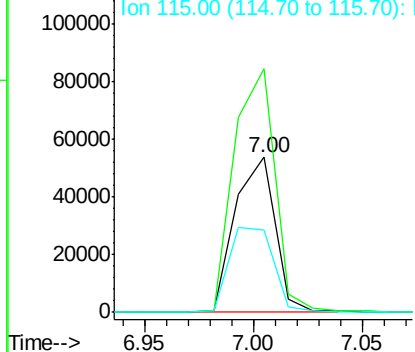
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF079520.D
Acq: 27 May 2015 15:52

Instrument :
BNA_F
ClientSampleId :
SB-29S

Tot Ion:152 Resp: 69061
Ion Ratio Lower Upper
152 100
150 157.0 124.0 186.0
115 52.9 49.6 74.4



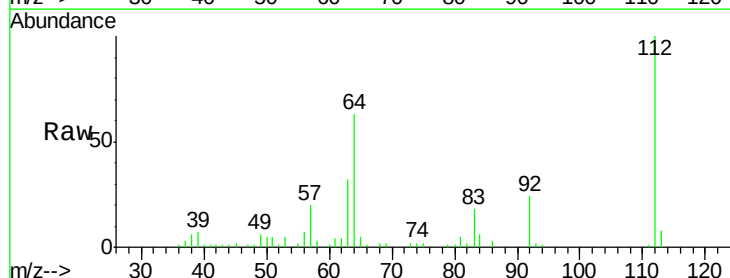
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



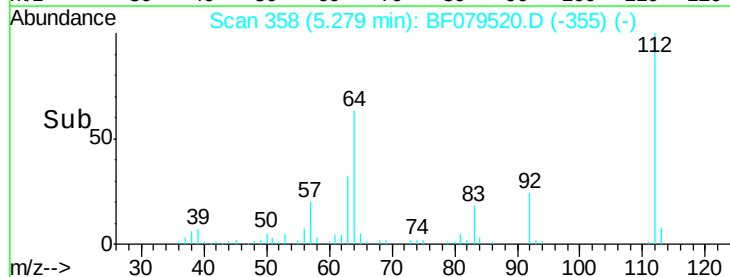
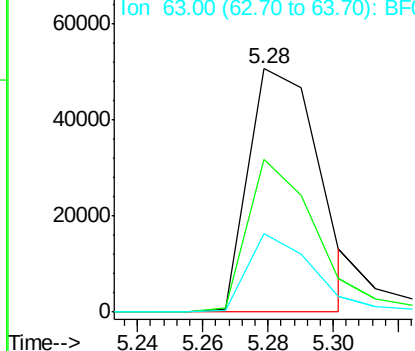
#5

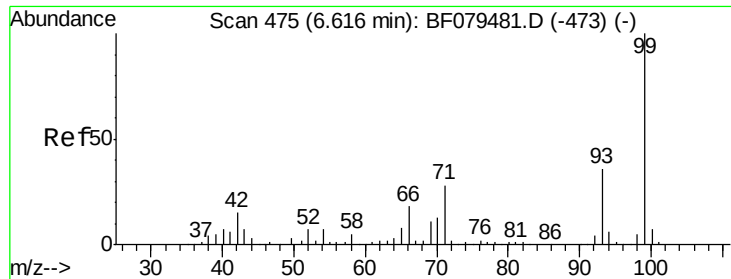
2-Fluorophenol
Concen: 19.15 ng
RT: 5.28 min Scan# 358
Delta R.T. -0.02 min
Lab File: BF079520.D
Acq: 27 May 2015 15:52

Tgt Ion:112 Resp: 76241
Ion Ratio Lower Upper
112 100
64 62.5 43.5 65.3
63 32.0 21.8 32.8



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: 22.88 ng

RT: 6.59 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

SB-29S

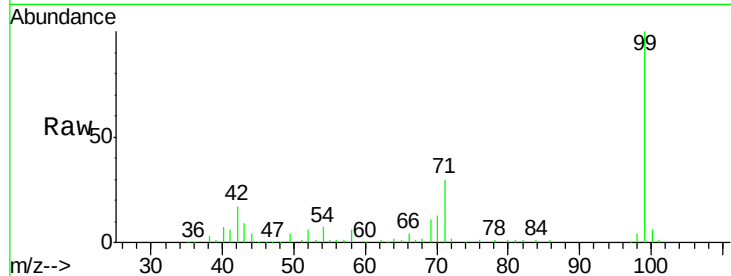
Tot Ion: 99 Resp: 116128

Ion Ratio Lower Upper

99 100

42 17.1 11.9 17.9

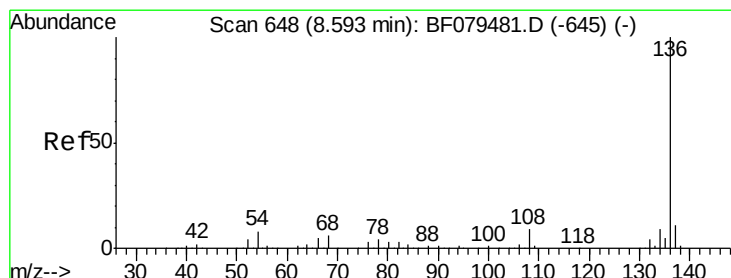
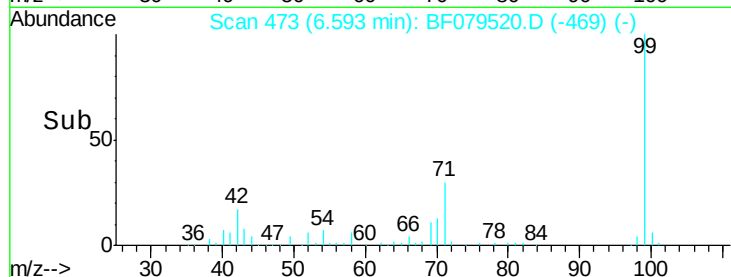
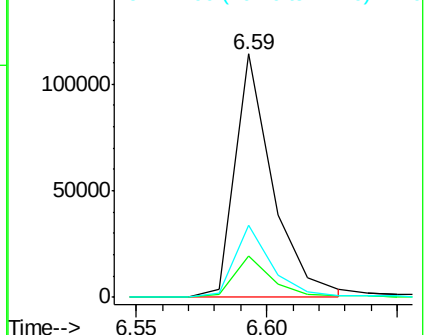
71 29.7 22.1 33.1



Abundance Ion 99.00 (98.70 to 99.70): BF079520.D (-469) (-)

Ion 42.00 (41.70 to 42.70): BF079520.D (-469) (-)

Ion 71.00 (70.70 to 71.70): BF079520.D (-469) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

Tgt Ion: 136 Resp: 303675

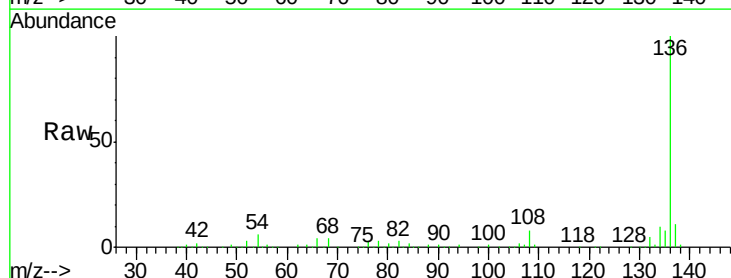
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 5.6 6.6 9.8#

68 4.4 4.7 7.1#

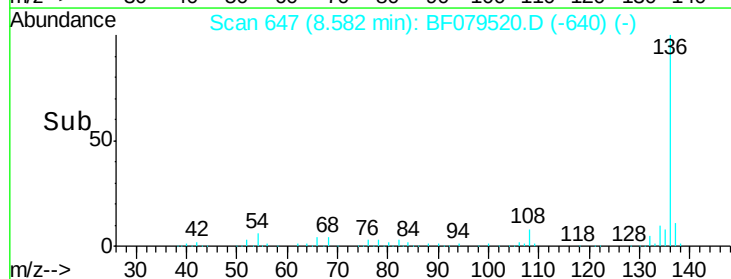
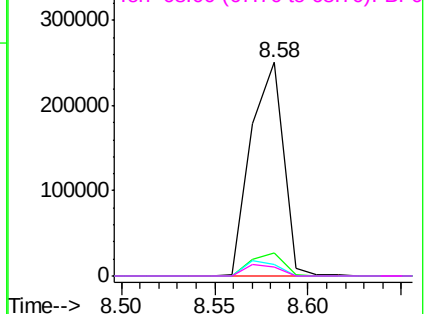


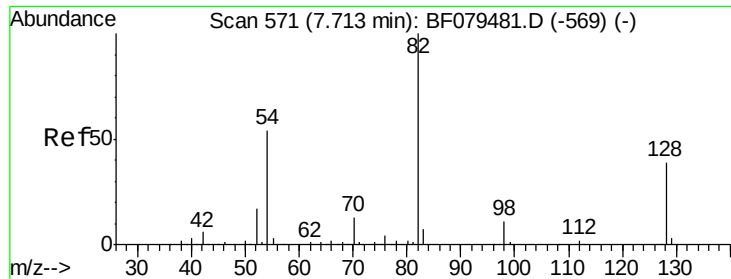
Abundance Ion 136.00 (135.70 to 136.70): BF079520.D (-640) (-)

Ion 137.00 (136.70 to 137.70): BF079520.D (-640) (-)

Ion 54.00 (53.70 to 54.70): BF079520.D (-640) (-)

Ion 68.00 (67.70 to 68.70): BF079520.D (-640) (-)

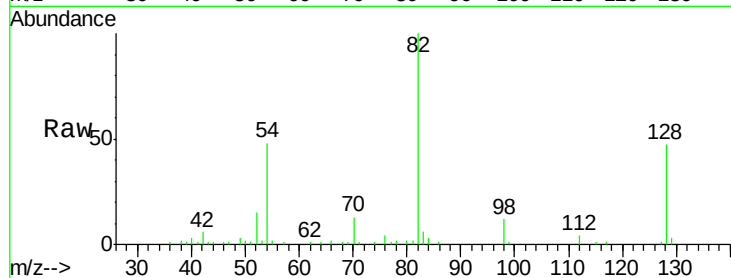




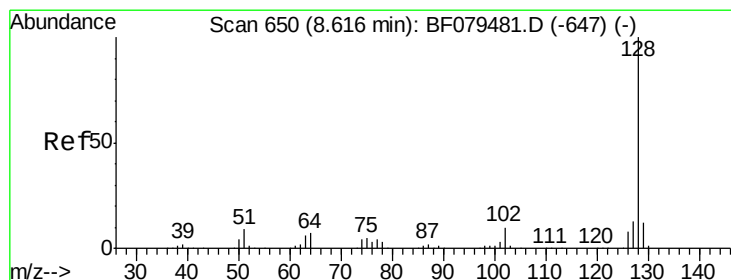
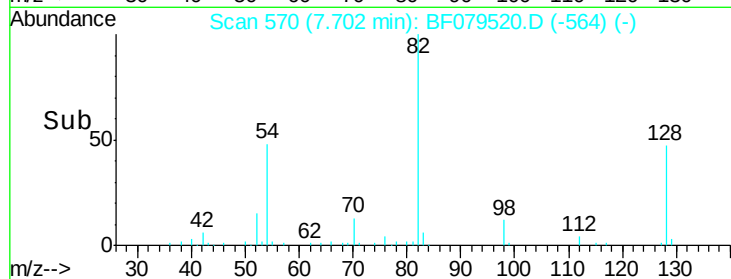
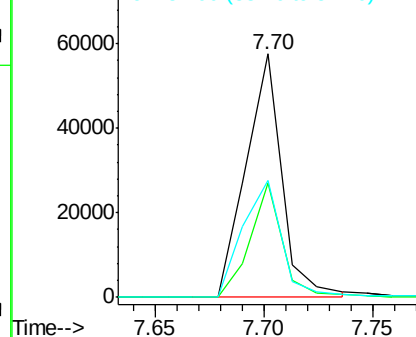
#23
 Nitrobenzene-d5
 Concen: 12.56 ng
 RT: 7.70 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF079520.D
 Acq: 27 May 2015 15:52

Instrument :
 BNA_F
 ClientSampled :
 SB-29S

Tot Ion	82	Resp	65993
Ion Ratio	100	Lower	Upper
128	47.2	30.8	46.2#
54	47.9	42.8	64.2

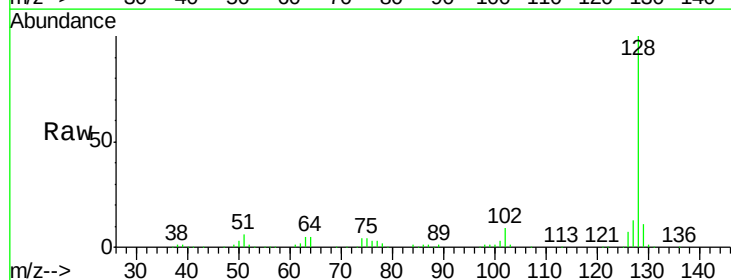


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

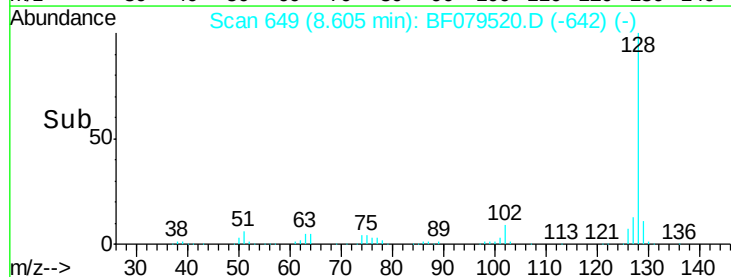
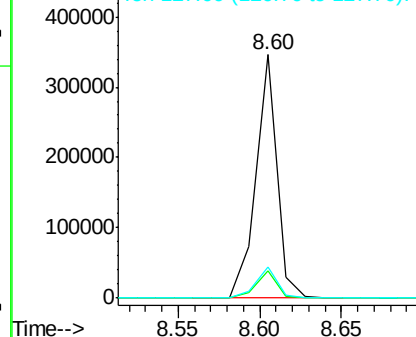


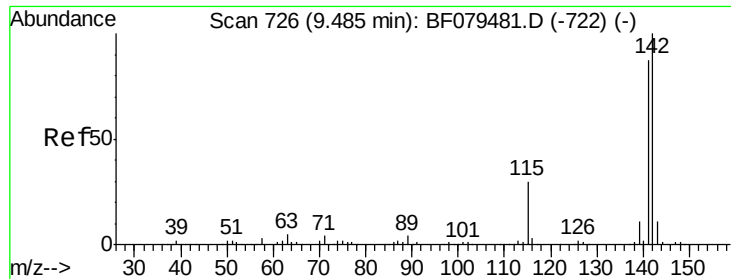
#31
 Naphthalene
 Concen: 21.46 ng
 RT: 8.60 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF079520.D
 Acq: 27 May 2015 15:52

Tgt Ion	128	Resp	312686
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	11.0	9.3	13.9
127	12.9	10.6	15.8



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

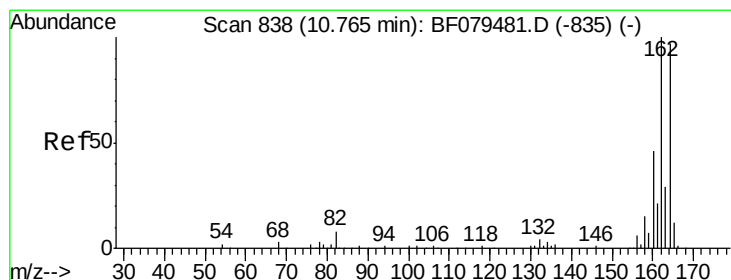
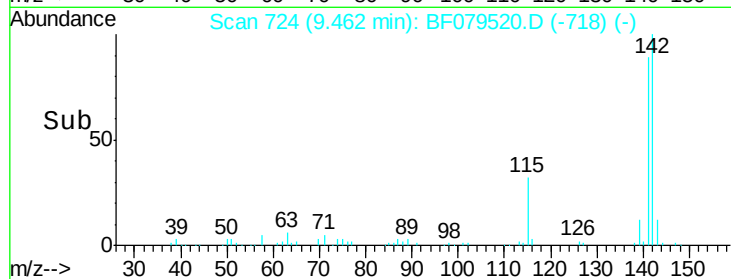
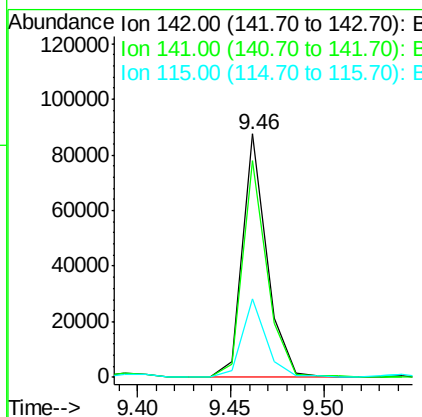
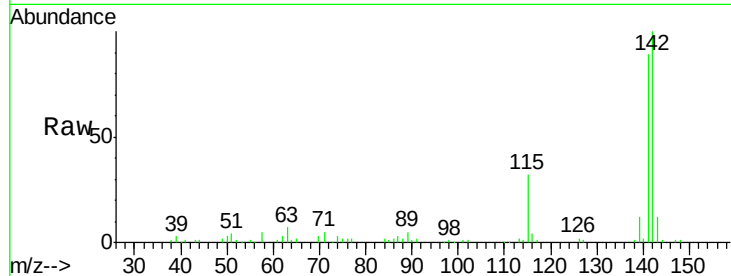




#37
 2-Methylnaphthalene
 Concen: 7.92 ng
 RT: 9.46 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF079520.D
 Acq: 27 May 2015 15:52

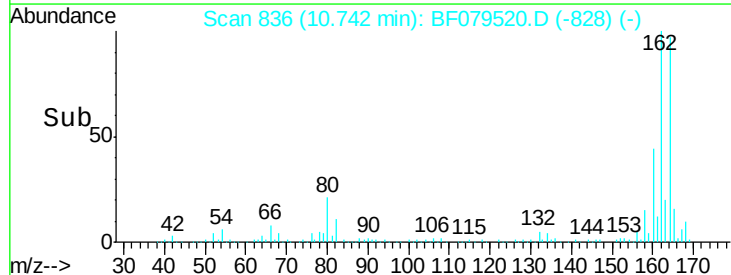
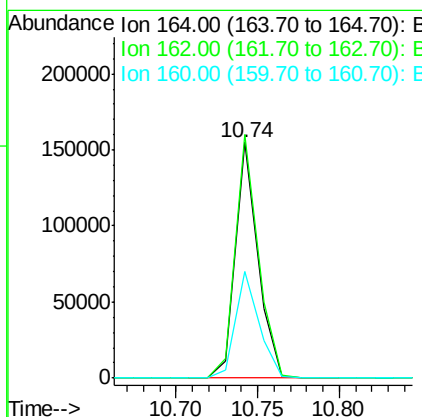
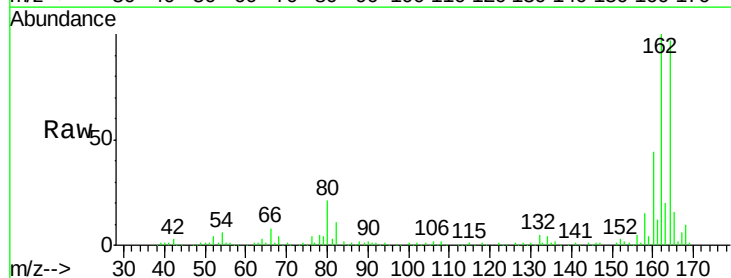
Instrument :
 BNA_F
 ClientSampleId :
 SB-29S

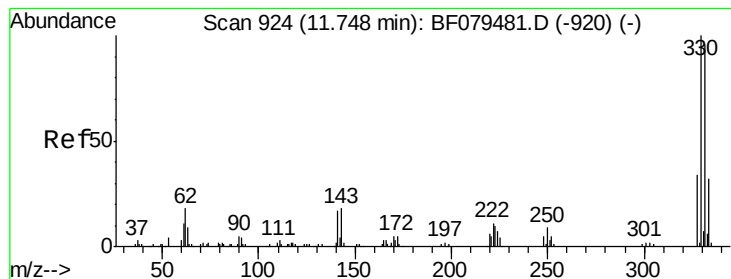
Tot Ion:142 Resp: 80089
 Ion Ratio Lower Upper
 142 100
 141 89.1 69.5 104.3
 115 32.4 23.8 35.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.74 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF079520.D
 Acq: 27 May 2015 15:52

Tgt Ion:164 Resp: 146313
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 124.0
 160 45.1 37.7 56.5

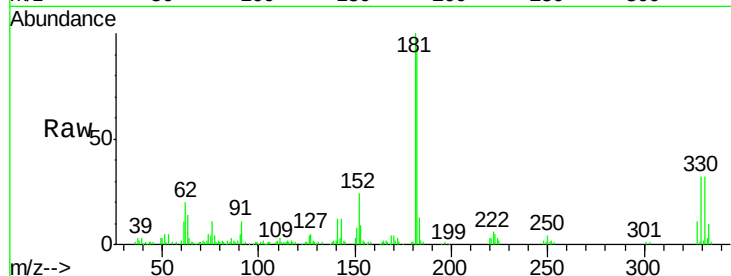




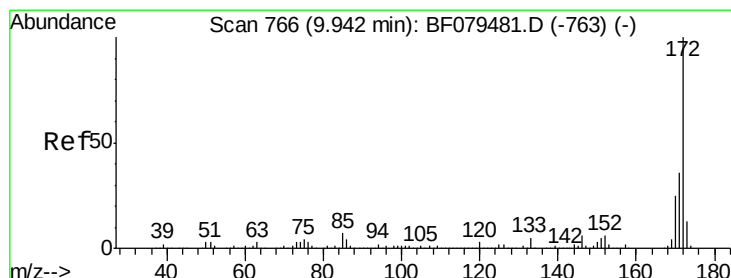
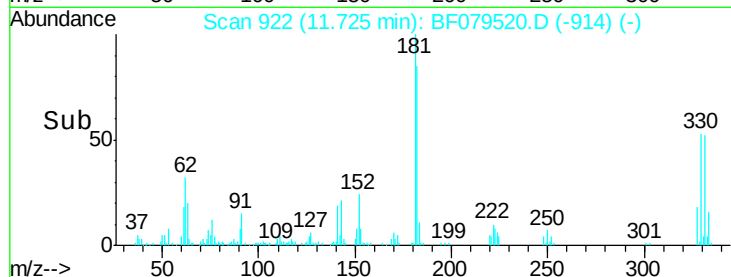
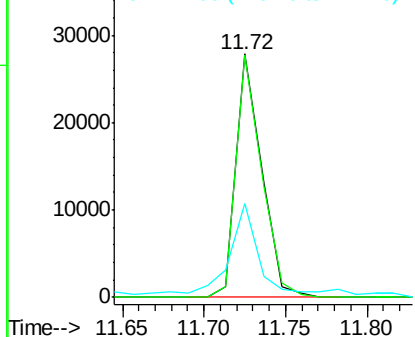
#41
 2,4,6-Tribromophenol
 Concen: 18.72 ng
 RT: 11.72 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BF079520.D
 Acq: 27 May 2015 15:52

Instrument :
 BNA_F
 ClientSampleId :
 SB-29S

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	0.0	0.0#
141	41.2	0.0	0.0#

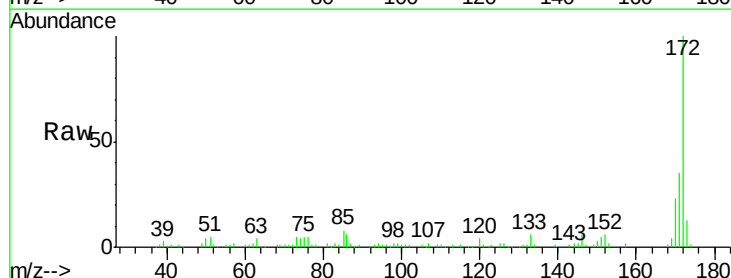


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

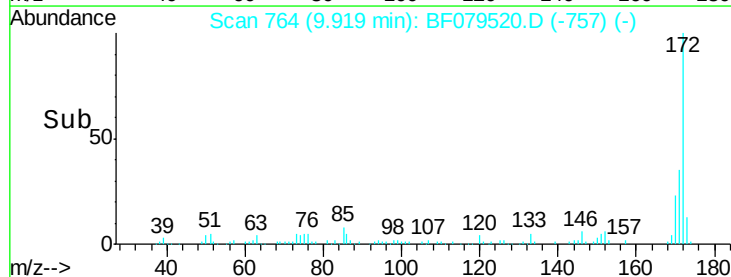
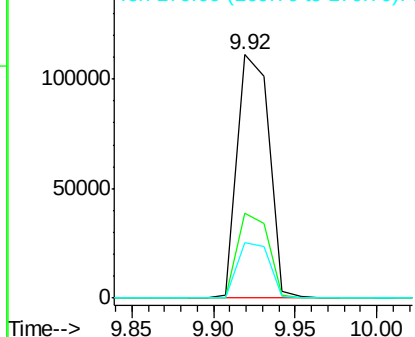


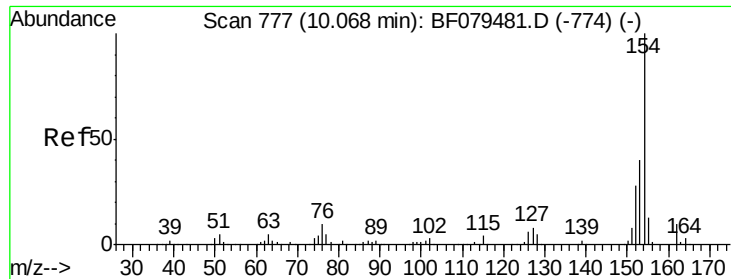
#44
 2-Fluorobiphenyl
 Concen: 14.62 ng
 RT: 9.92 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF079520.D
 Acq: 27 May 2015 15:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	22.9	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





#45

1,1'-Biphenyl

Concen: 2.47 ng

RT: 10.04 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

SB-29S

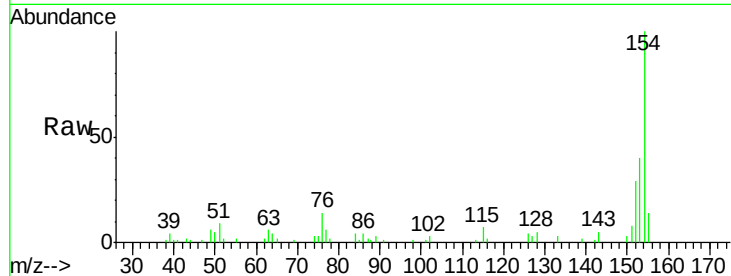
Tot Ion:154 Resp: 28206

Ion Ratio Lower Upper

154 100

153 39.9 19.5 59.5

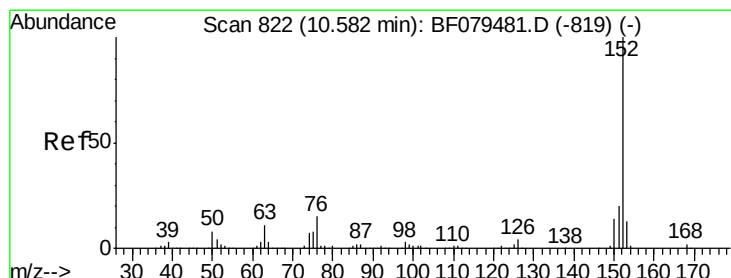
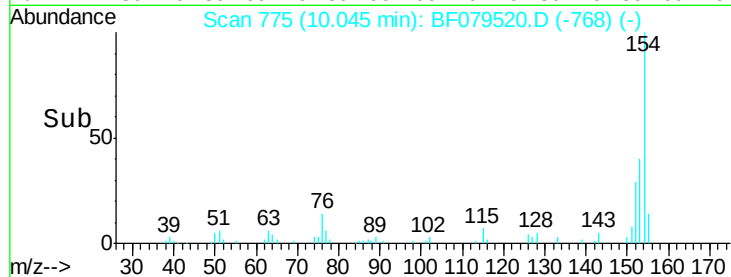
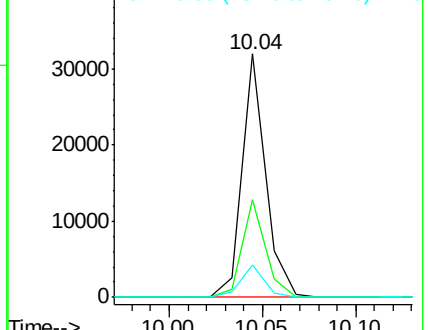
76 13.5 0.0 29.6



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: 15.82 ng

RT: 10.57 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

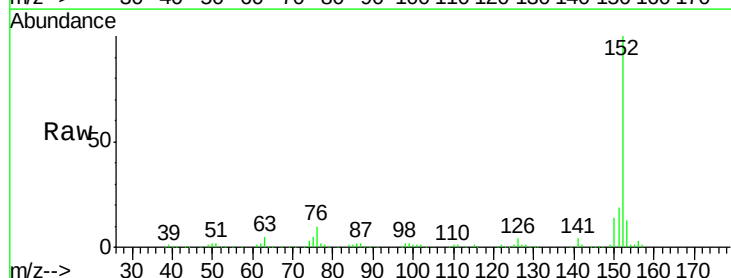
Tgt Ion:152 Resp: 237014

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.8

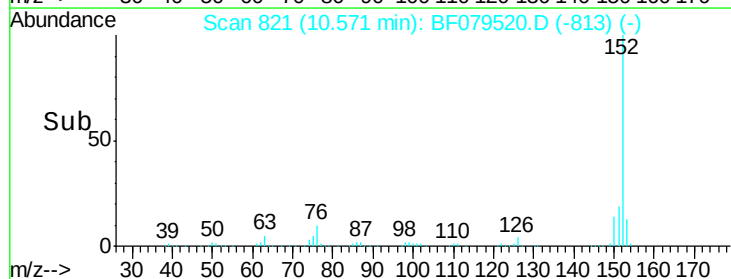
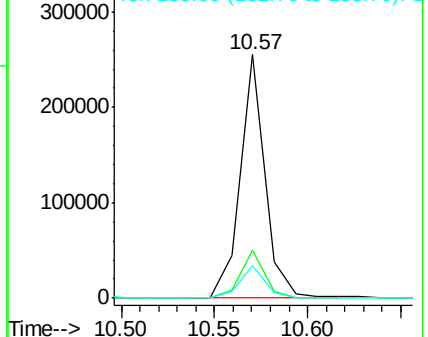
153 13.4 10.7 16.1

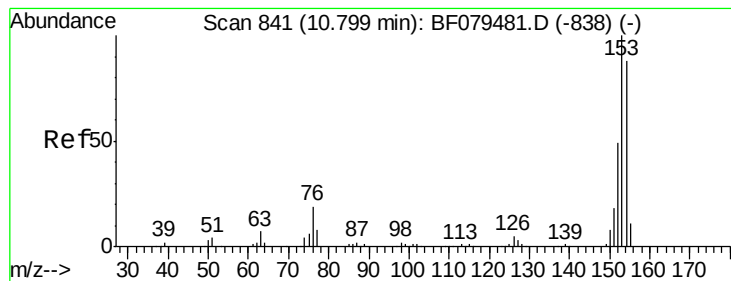


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#51

Acenaphthene

Concen: 20.61 ng

RT: 10.79 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

SB-29S

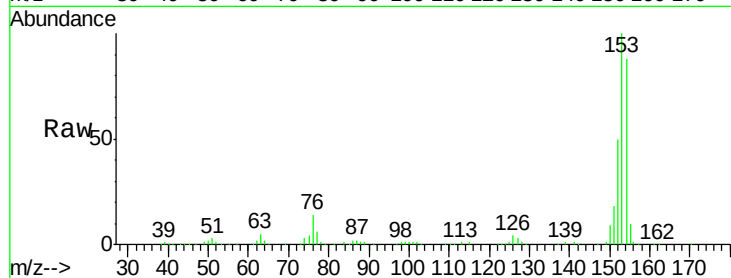
Tot Ion:154 Resp: 176573

Ion Ratio Lower Upper

154 100

153 113.4 91.1 136.7

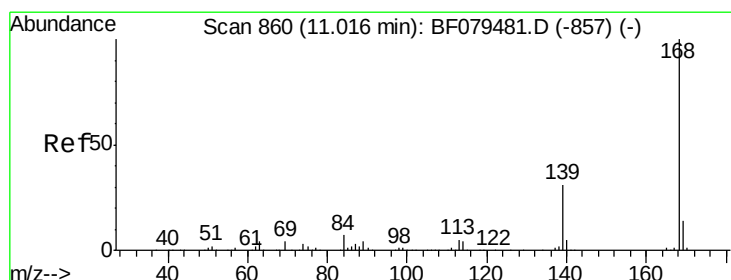
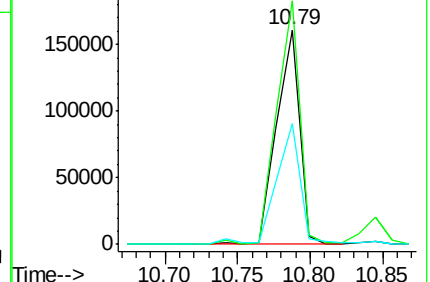
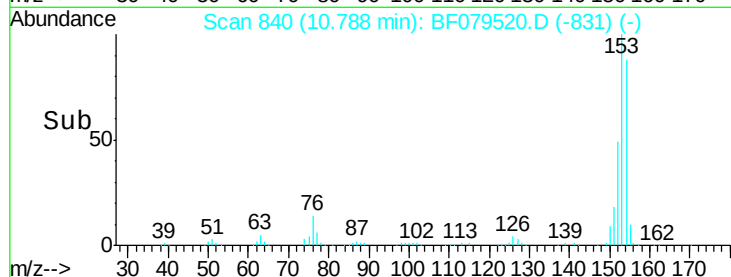
152 56.4 44.6 66.8



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



#54

Dibenzofuran

Concen: 16.89 ng

RT: 11.00 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

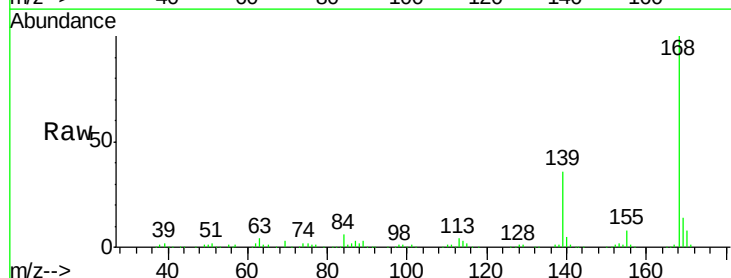
Tgt Ion:168 Resp: 213365

Ion Ratio Lower Upper

168 100

139 36.2 32.9 49.3

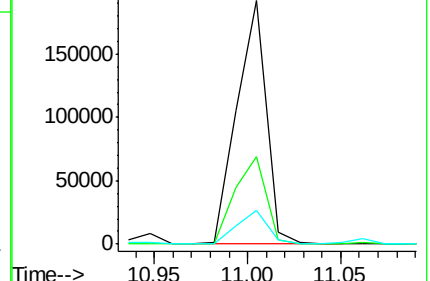
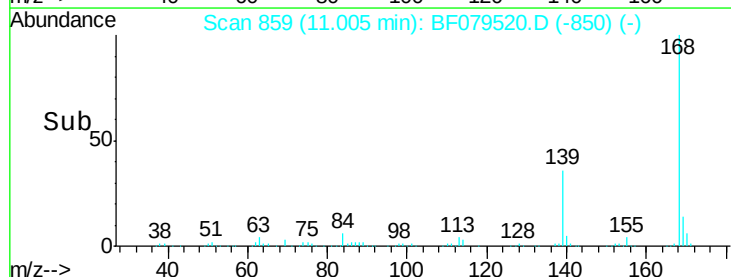
169 13.8 11.1 16.7

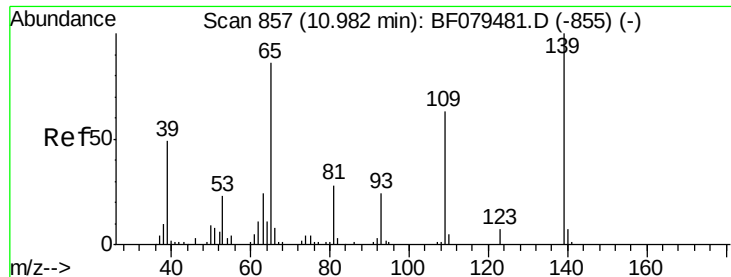


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 52.72 ng

RT: 11.00 min Scan# 859

Delta R.T. 0.02 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

SB-29S

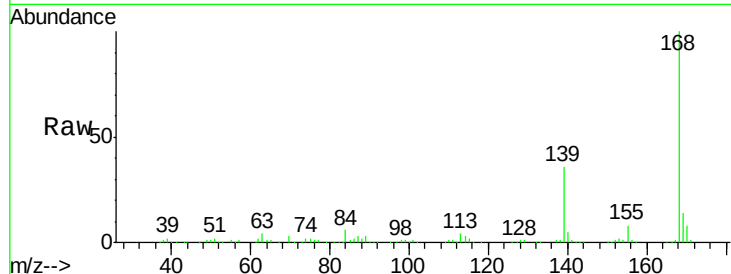
Tot Ion:139 Resp: 81903

Ion Ratio Lower Upper

139 100

109 0.9 42.8 82.8#

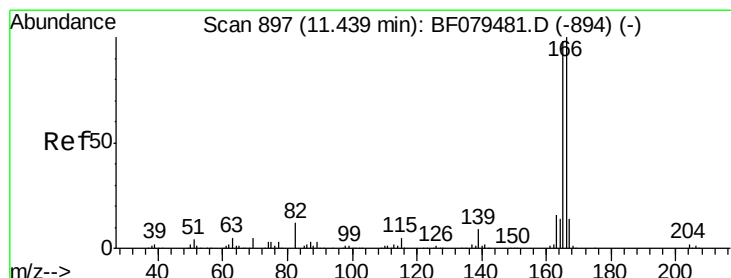
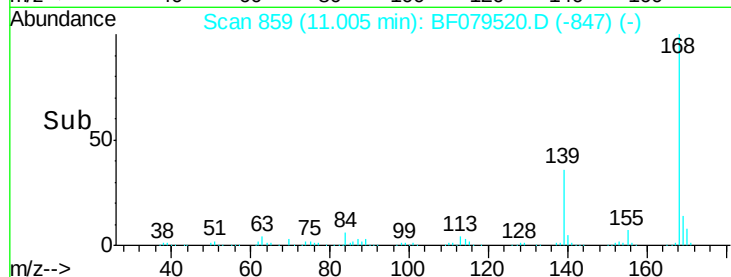
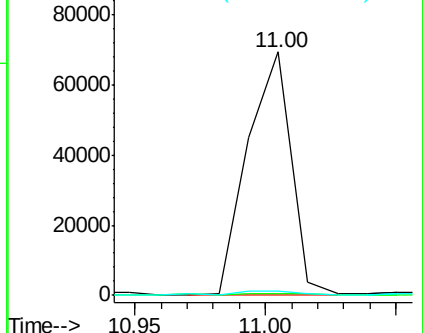
65 2.0 66.3 106.3#



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: 23.29 ng

RT: 11.43 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

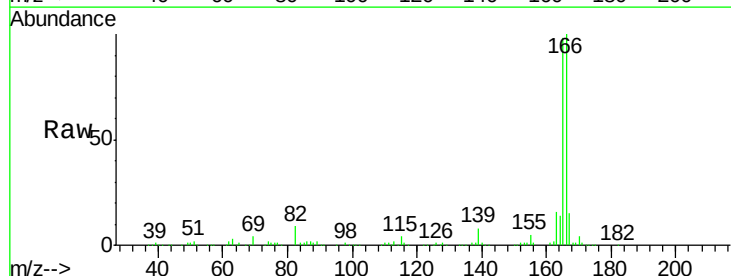
Tgt Ion:166 Resp: 242494

Ion Ratio Lower Upper

166 100

165 98.3 78.6 117.8

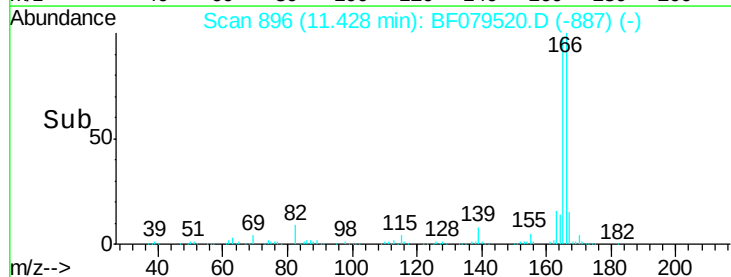
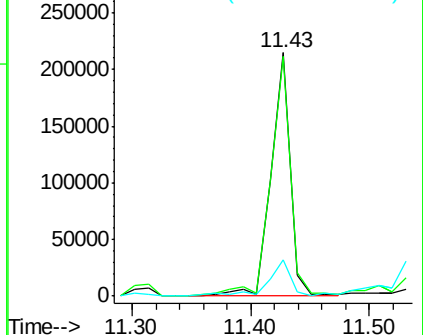
167 14.7 10.8 16.2

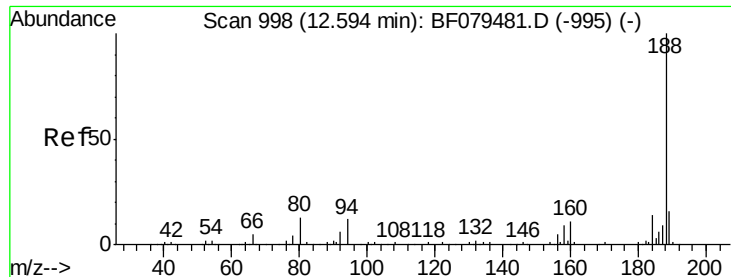


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

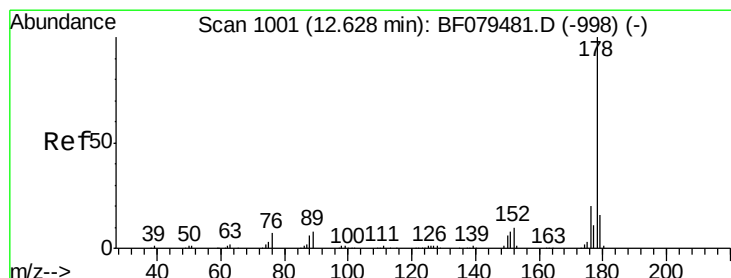
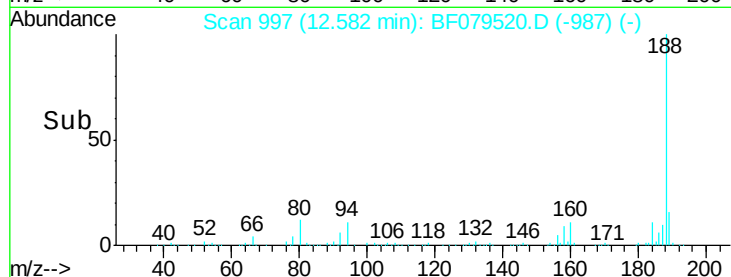
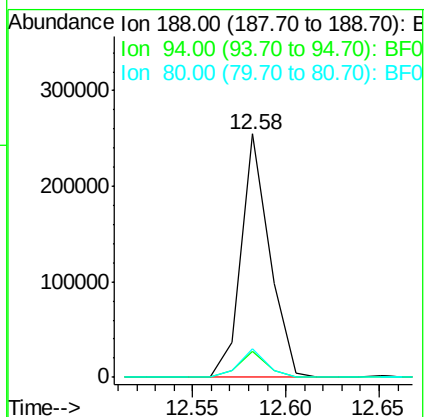
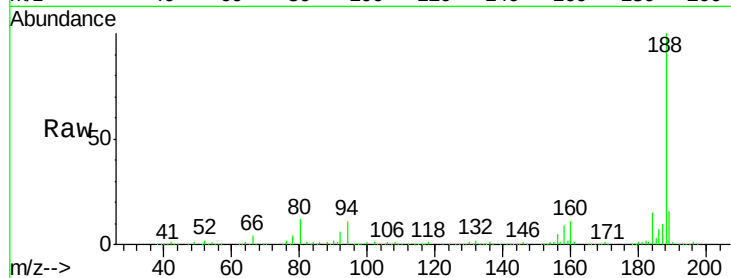




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.58 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF079520.D
Acq: 27 May 2015 15:52

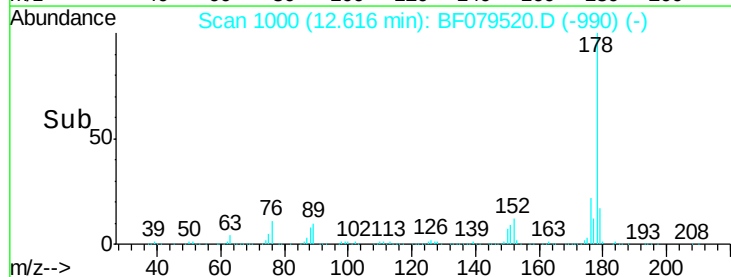
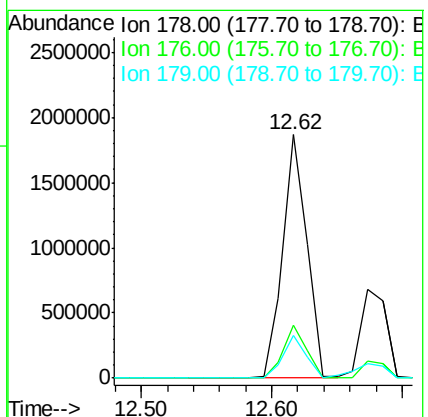
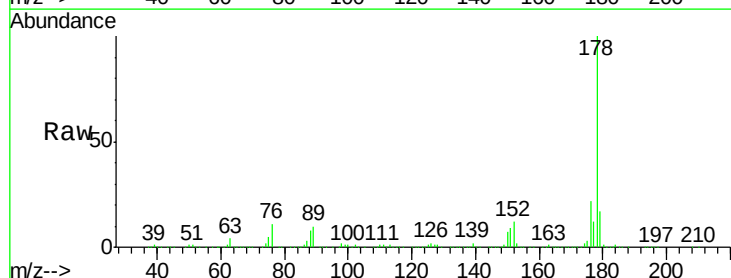
Instrument :
BNA_F
ClientSampleId :
SB-29S

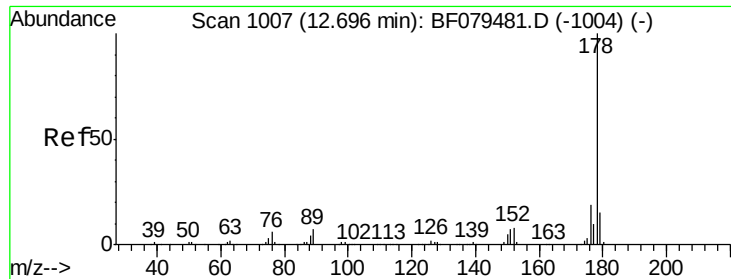
Tot Ion:188 Resp: 271081
Ion Ratio Lower Upper
188 100
94 10.8 9.8 14.6
80 11.7 10.5 15.7



#70
Phenanthrene
Concen: 163.45 ng
RT: 12.62 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF079520.D
Acq: 27 May 2015 15:52

Tgt Ion:178 Resp: 2430750
Ion Ratio Lower Upper
178 100
176 21.9 15.7 23.5
179 17.3 12.4 18.6





#71

Anthracene

Concen: 59.85 ng

RT: 12.67 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

SB-29S

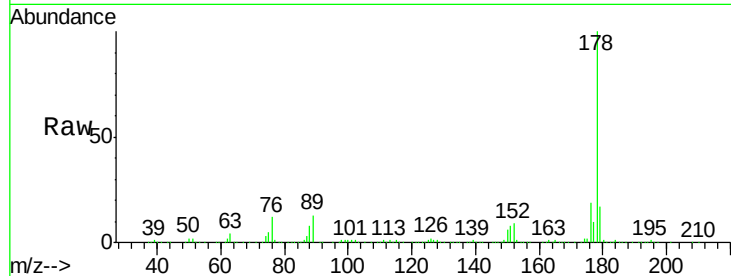
Tot Ion:178 Resp: 903617

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

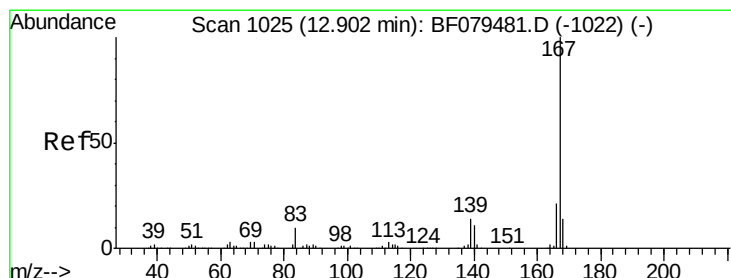
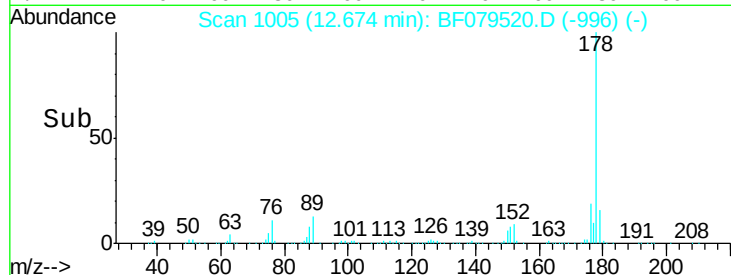
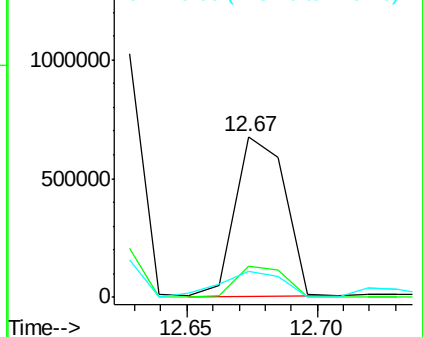
179 16.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 21.05 ng

RT: 12.89 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

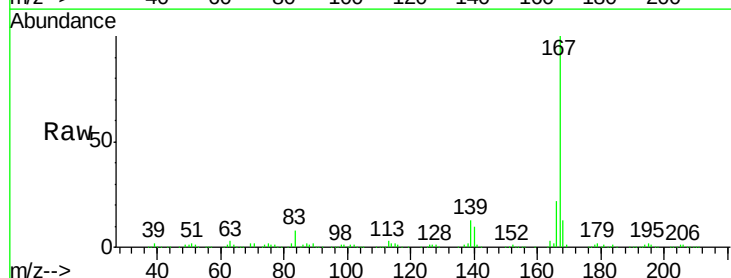
Tgt Ion:167 Resp: 305975

Ion Ratio Lower Upper

167 100

166 21.5 17.0 25.4

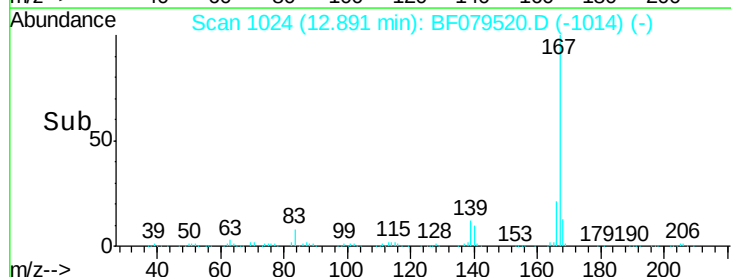
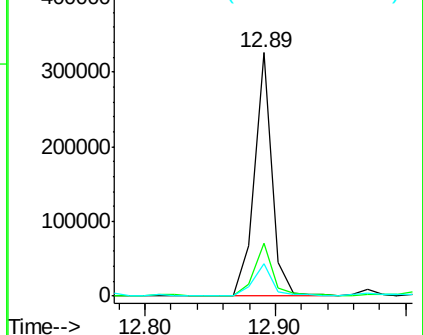
139 13.1 11.2 16.8

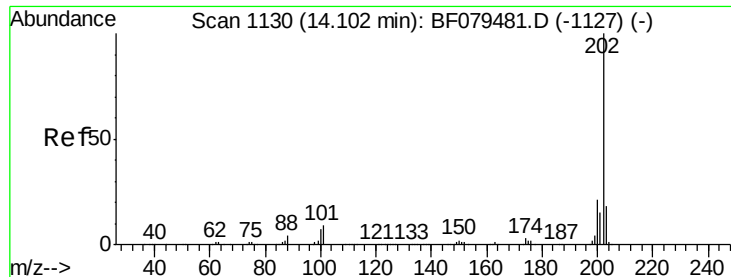


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 217.29 ng

RT: 14.10 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

SB-29S

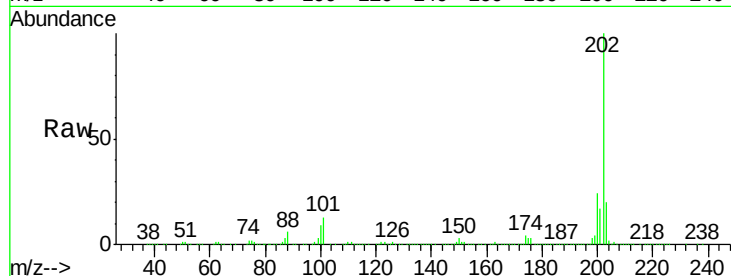
Tot Ion:202 Resp: 3465321

Ion Ratio Lower Upper

202 100

101 12.8 0.0 29.3

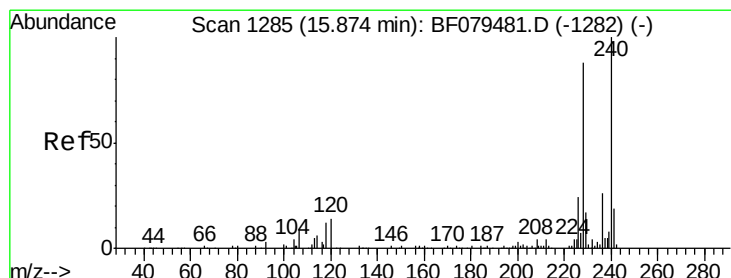
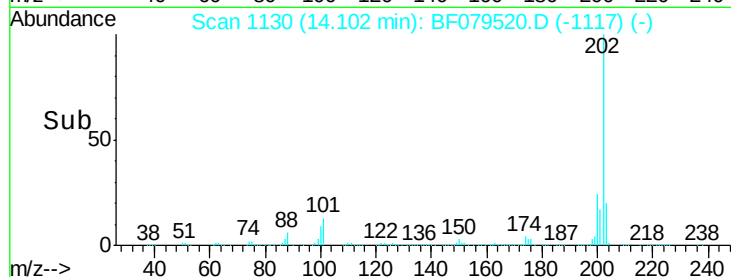
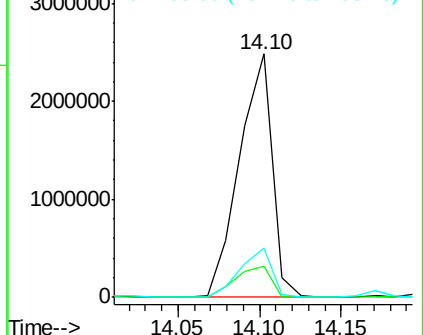
203 20.1 0.0 37.6



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: 15.89 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

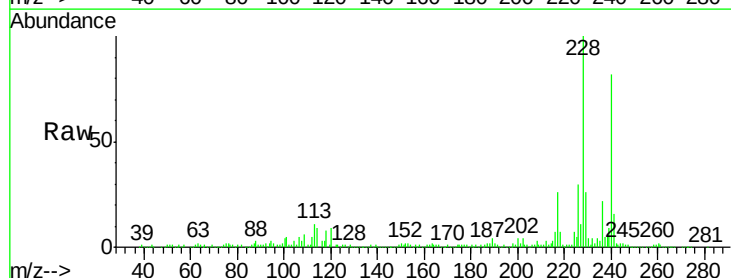
Tgt Ion:240 Resp: 259993

Ion Ratio Lower Upper

240 100

120 10.6 10.8 16.2#

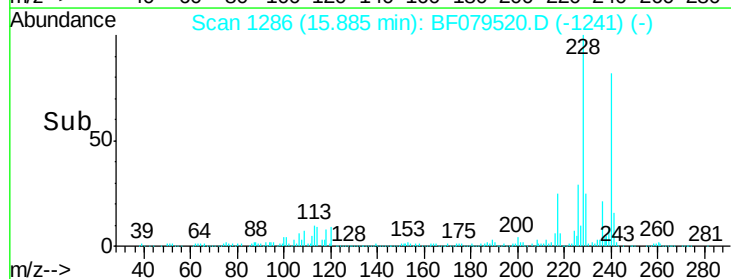
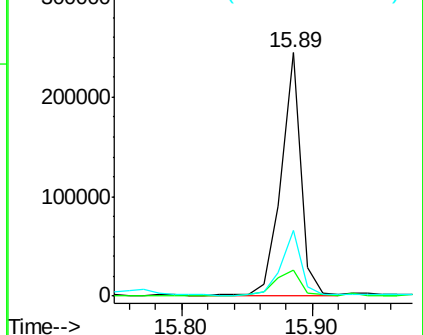
236 26.8 21.0 31.6

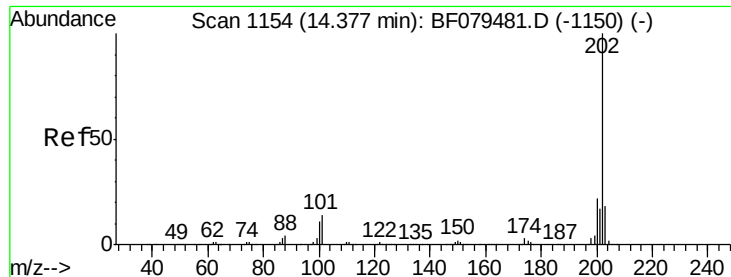


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 206.79 ng

RT: 14.38 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

Instrument :

BNA_F

ClientSampled :

SB-29S

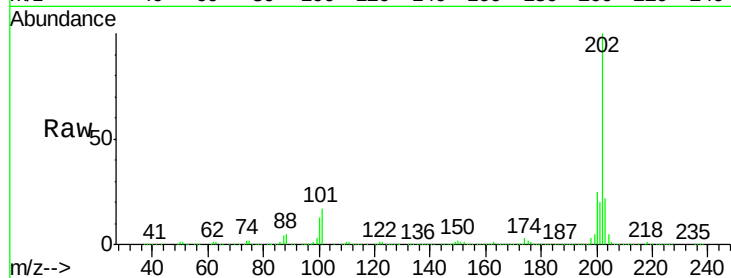
Tot Ion:202 Resp: 3330898

Ion	Ratio	Lower	Upper
202	100		
200	24.7	17.5	26.3
203	21.8	14.4	21.6

202 100

200 24.7 17.5 26.3

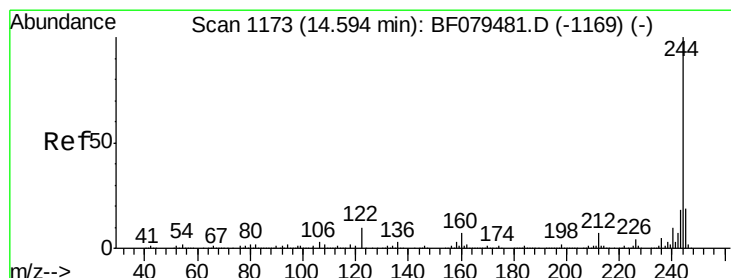
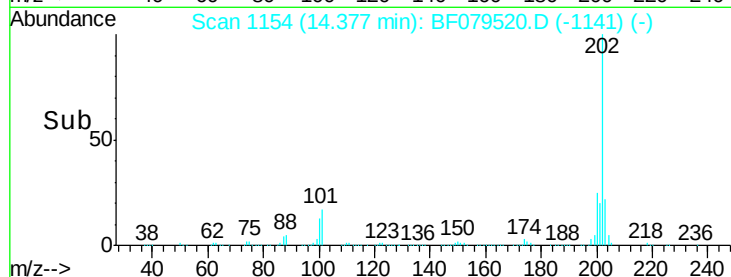
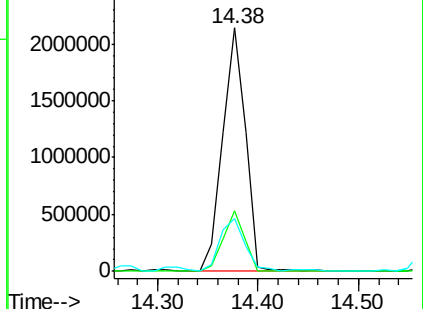
203 21.8 14.4 21.6



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: 15.50 ng

RT: 14.58 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

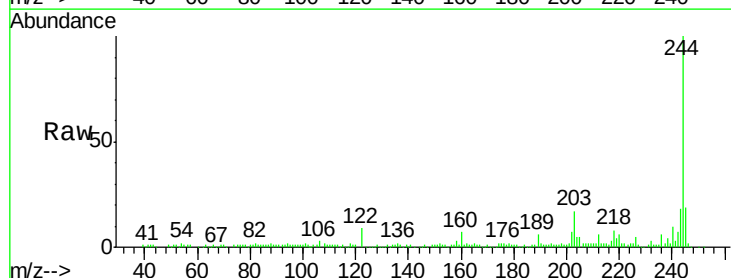
Tgt Ion:244 Resp: 171715

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	8.6	8.0	12.0

244 100

212 6.4 5.2 7.8

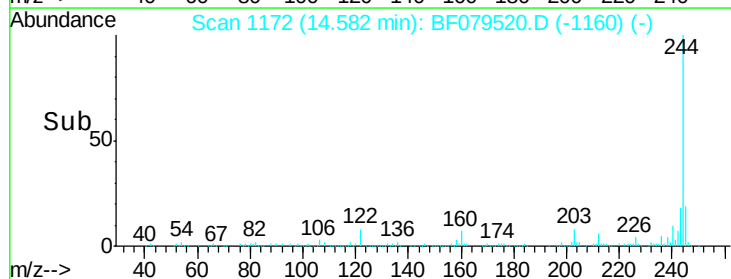
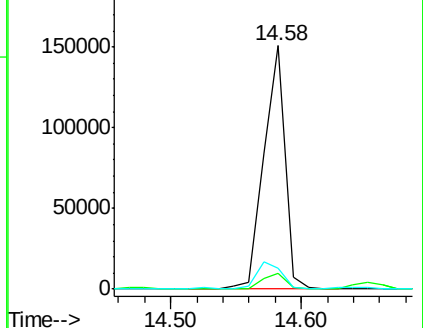
122 8.6 8.0 12.0

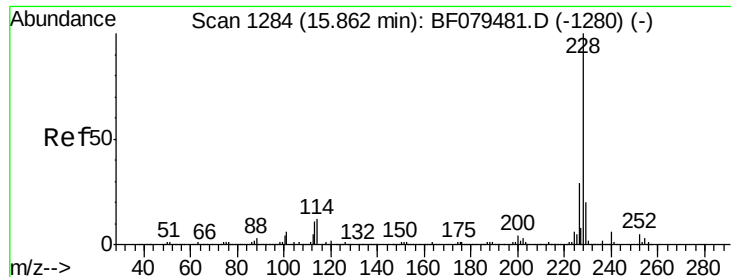


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 149.47 ng

RT: 15.87 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

SB-29S

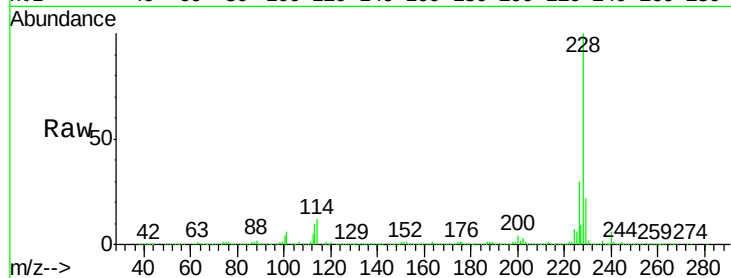
Tot Ion:228 Resp: 2235532

Ion Ratio Lower Upper

228 100

226 30.3 22.8 34.2

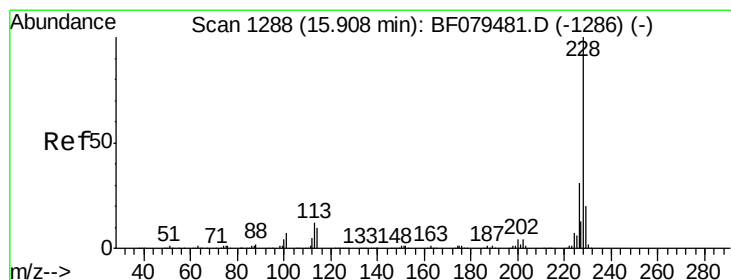
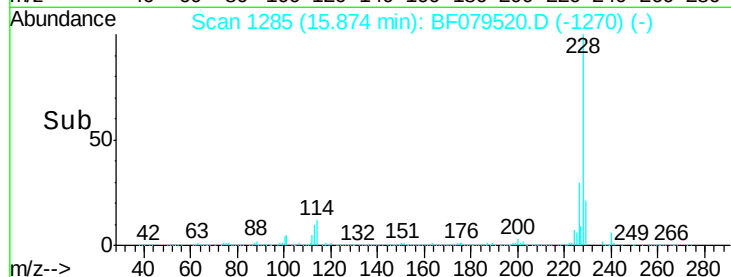
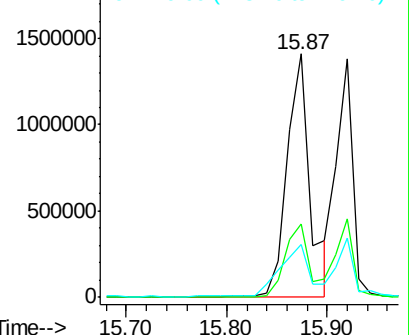
229 21.7 15.9 23.9



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: 156.22 ng

RT: 15.87 min Scan# 1285

Delta R.T. -0.03 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

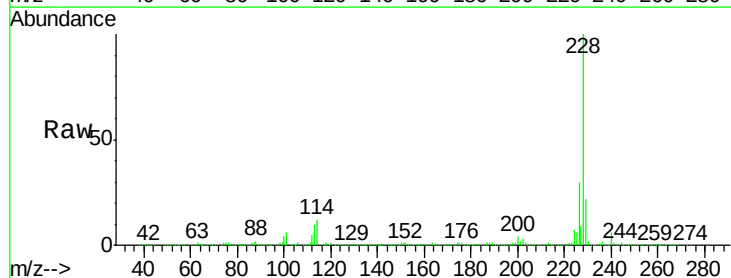
Tgt Ion:228 Resp: 2220889

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

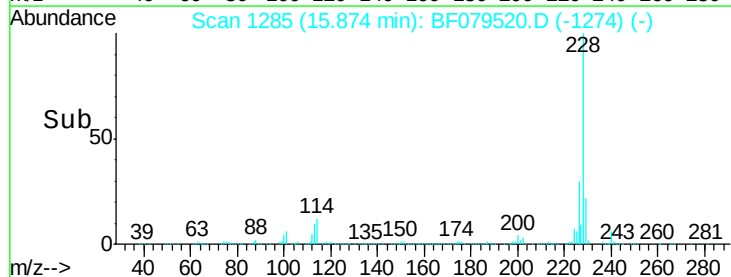
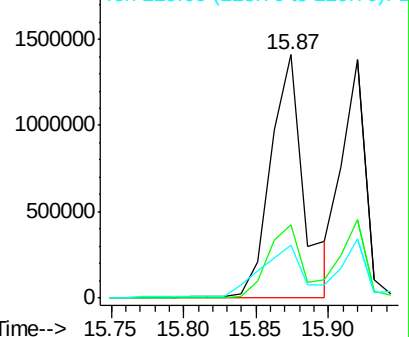
229 21.7 15.9 23.9

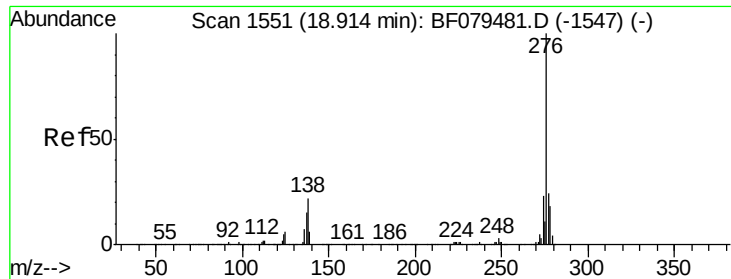


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

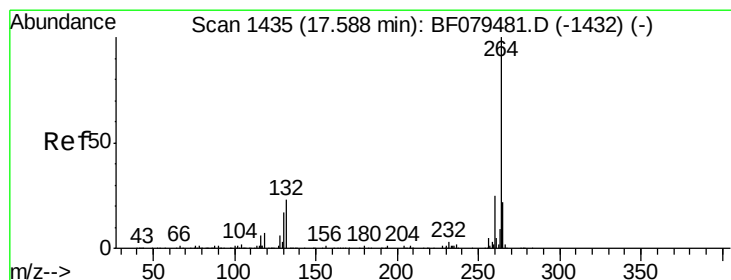
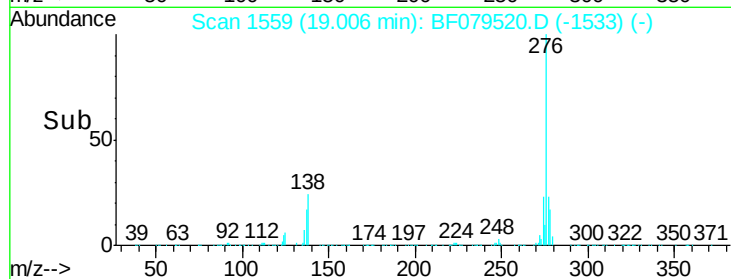
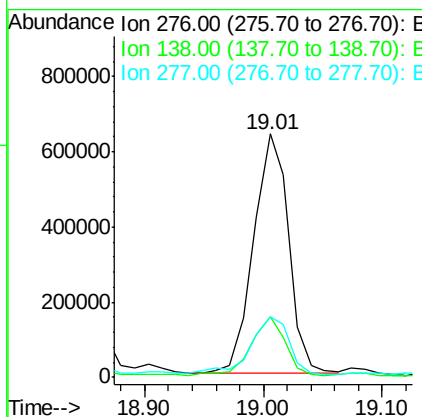
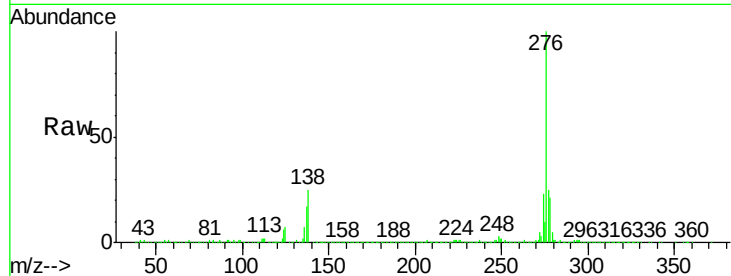




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 72.30 ng
 RT: 19.01 min Scan# 1559
 Delta R.T. 0.09 min
 Lab File: BF079520.D
 Acq: 27 May 2015 15:52

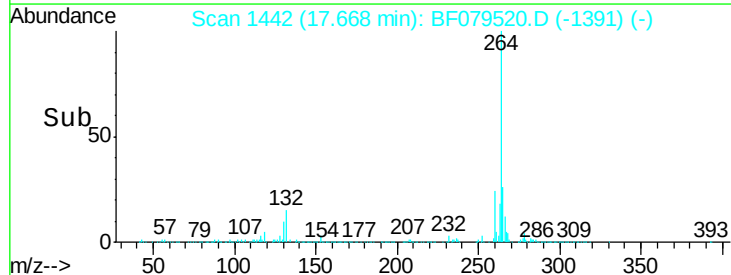
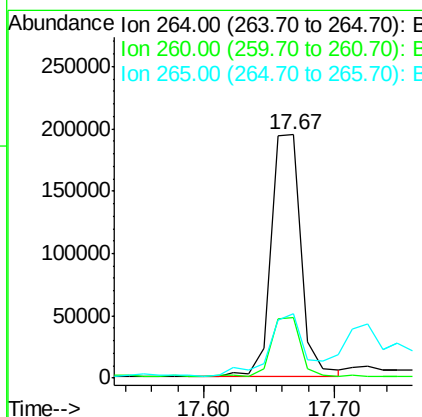
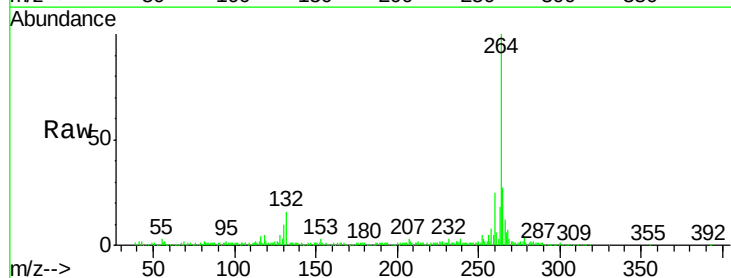
Instrument :
 BNA_F
 ClientSampleId :
 SB-29S

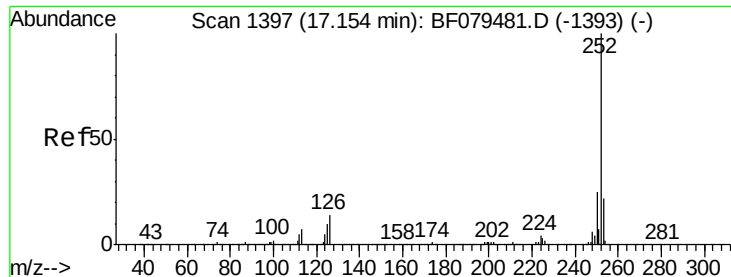
Tot Ion:276 Resp: 1322026
 Ion Ratio Lower Upper
 276 100
 138 23.4 21.4 32.2
 277 26.3 19.8 29.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.67 min Scan# 1442
 Delta R.T. 0.08 min
 Lab File: BF079520.D
 Acq: 27 May 2015 15:52

Tgt Ion:264 Resp: 311896
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.8 29.8
 265 26.7 17.8 26.6#





#87

Benzo(b)fluoranthene

Concen: 179.90 ng

RT: 17.21 min Scan# 1402

Delta R.T. 0.06 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

SB-29S

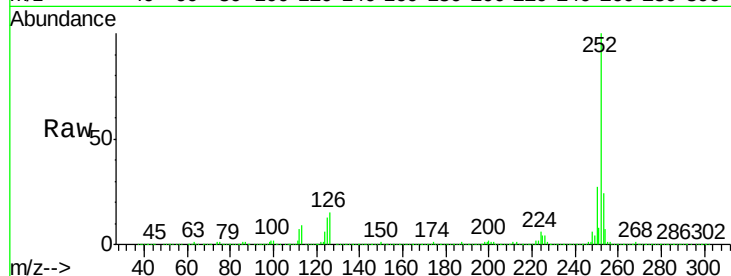
Tot Ion:252 Resp: 3200114

Ion Ratio Lower Upper

252 100

253 24.2 17.6 26.4

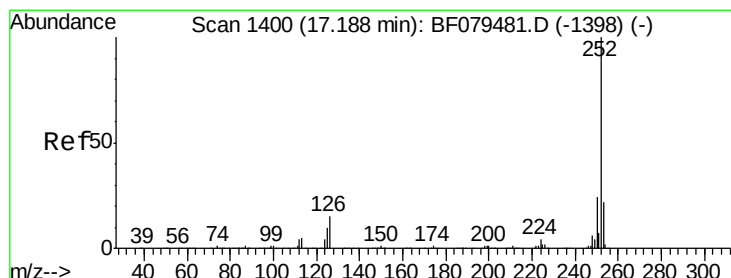
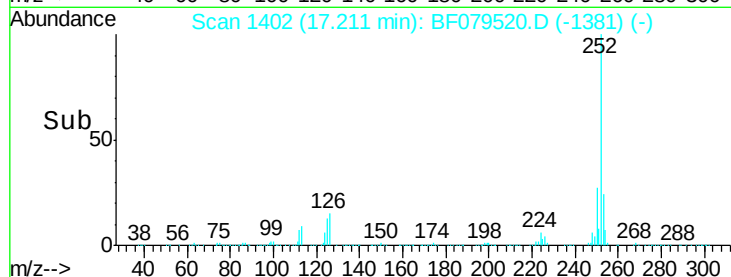
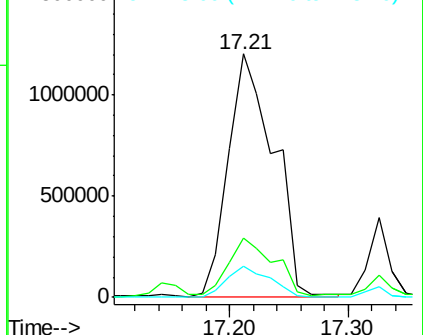
125 12.7 7.8 11.6#



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



#88

Benzo(k)fluoranthene

Concen: 201.17 ng

RT: 17.21 min Scan# 1402

Delta R.T. 0.02 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

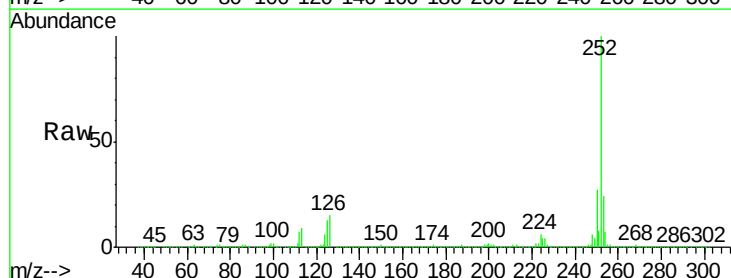
Tgt Ion:252 Resp: 3200114

Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

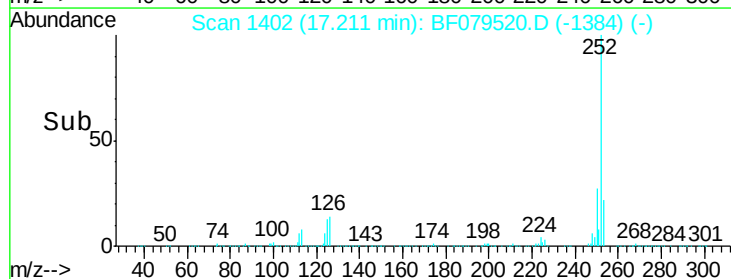
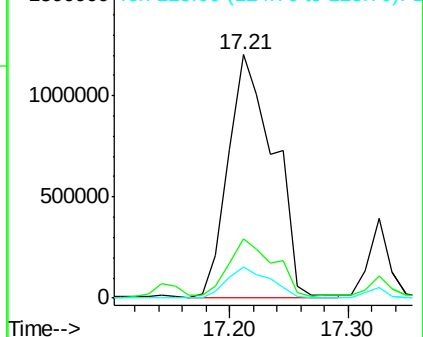
125 12.7 6.8 10.2#

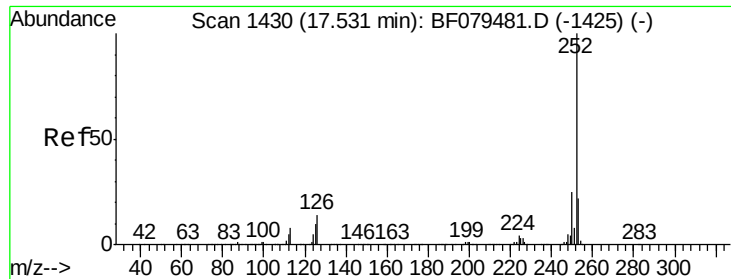


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 124.40 ng

RT: 17.60 min Scan# 1436

Delta R.T. 0.07 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

Instrument :

BNA_F

ClientSampled :

SB-29S

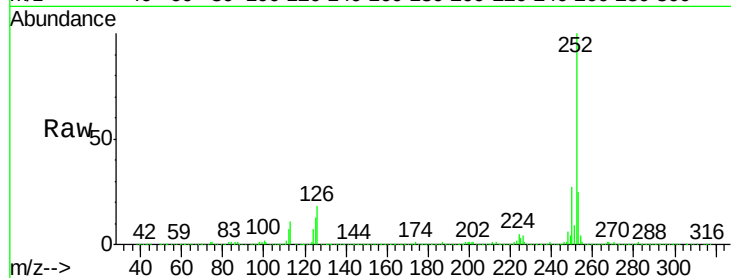
Tot Ion:252 Resp: 1887453

Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.8

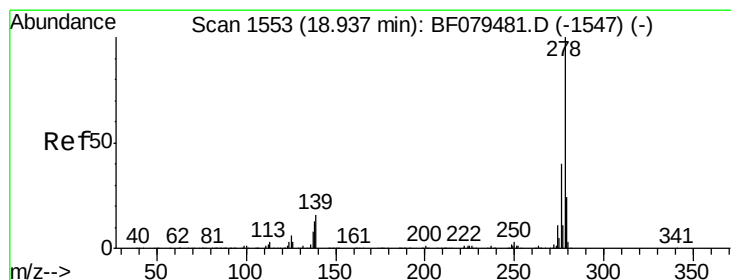
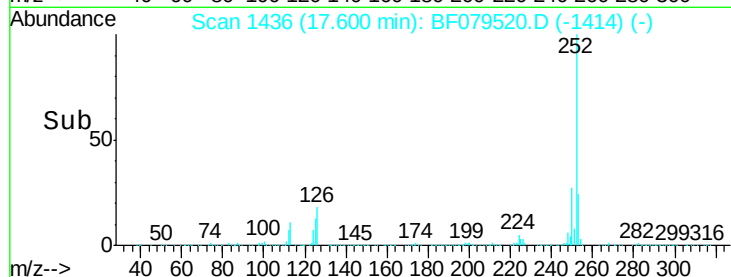
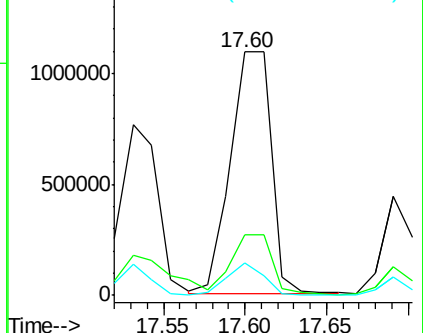
125 13.5 7.9 11.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 17.52 ng

RT: 19.17 min Scan# 1573

Delta R.T. 0.23 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

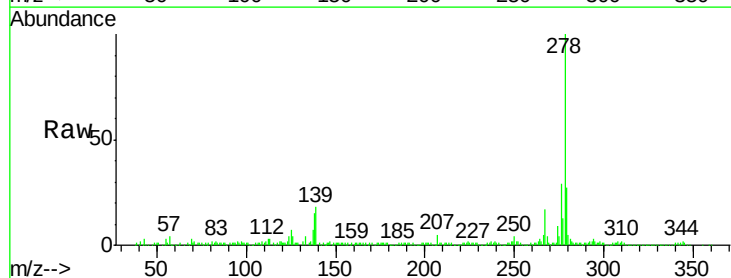
Tgt Ion:278 Resp: 301146

Ion Ratio Lower Upper

278 100

139 17.8 12.8 19.2

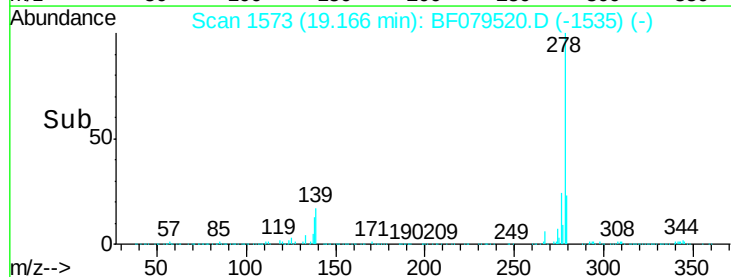
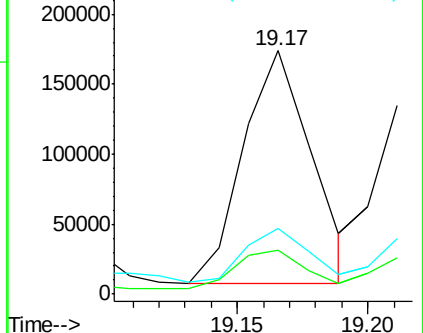
279 27.0 19.1 28.7

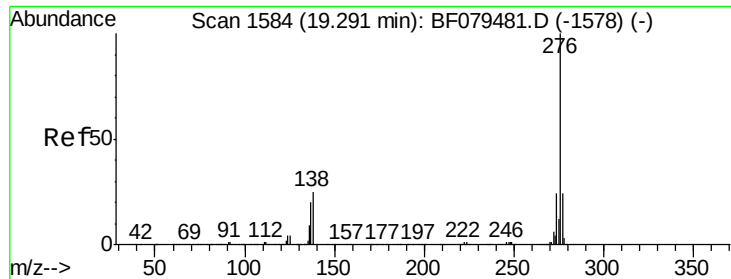


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 73.97 ng

RT: 19.39 min Scan# 1593

Delta R.T. 0.10 min

Lab File: BF079520.D

Acq: 27 May 2015 15:52

Instrument :

BNA_F

ClientSampleId :

SB-29S

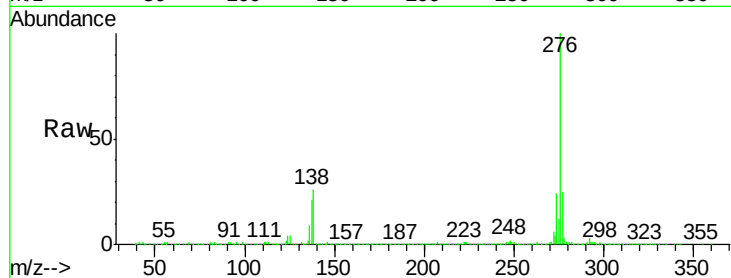
Tot Ion: 276 Resp: 1251786

Ion Ratio Lower Upper

276 100

277 25.4 19.1 28.7

138 25.6 20.1 30.1



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

