

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
 Data File : BF079173.D
 Acq On : 12 May 2015 22:37
 Operator : TP/IZ
 Sample : G2196-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KBY-SB-9(6-10)

Quant Time: May 13 02:21:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 00:53:14 2015
 Response via : Initial Calibration

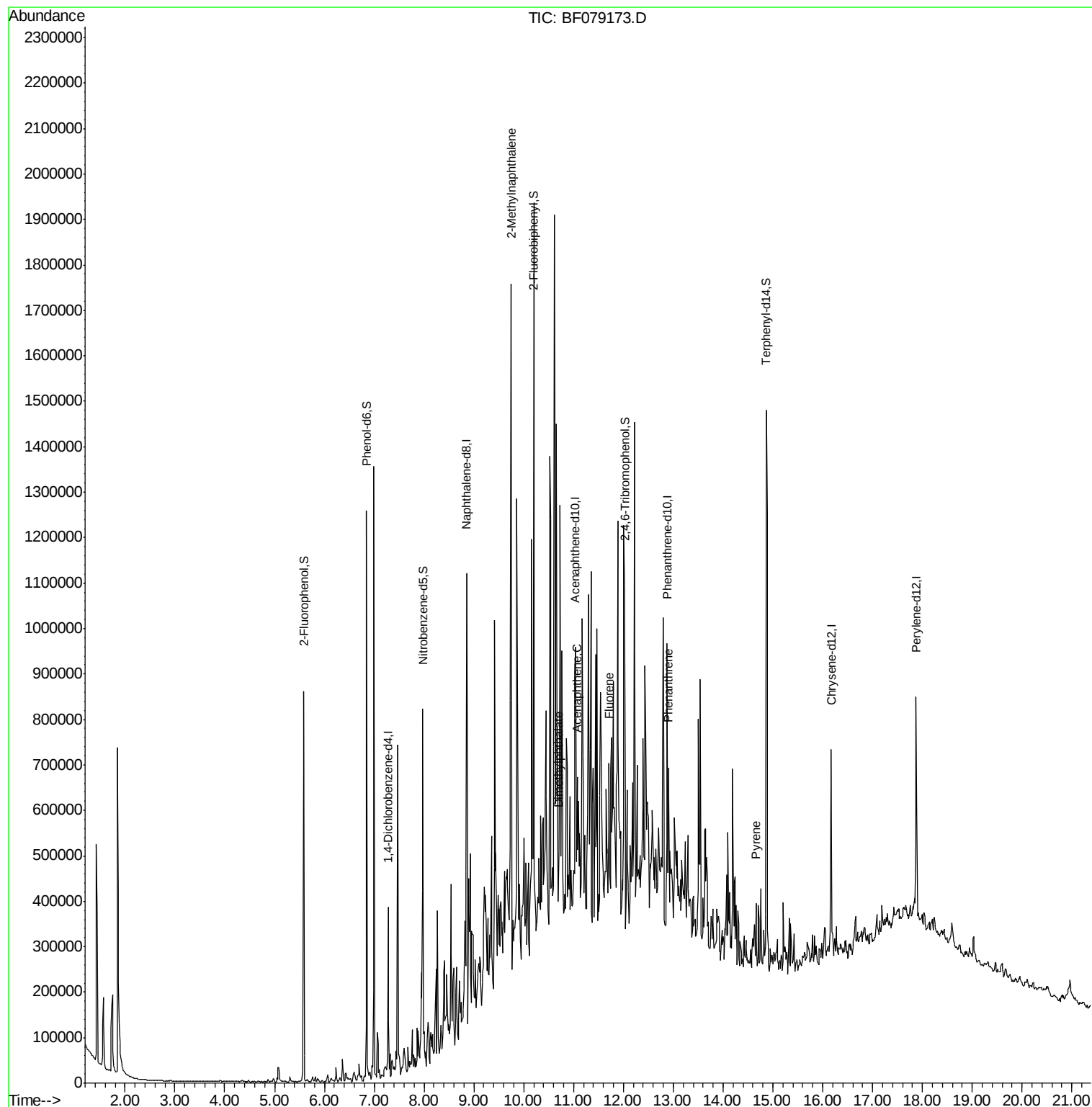
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	57485	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	229651	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	108427	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	211115	20.00	ng	0.00
75) Chrysene-d12	16.17	240	219279	20.00	ng	-0.02
86) Perylene-d12	17.87	264	222811	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	337014	100.92	ng	0.01
7) Phenol-d6	6.84	99	429009	97.19	ng	0.00
23) Nitrobenzene-d5	7.98	82	259643	64.98	ng	0.00
41) 2,4,6-Tribromophenol	12.02	330	116626	99.43	ng	0.01
44) 2-Fluorobiphenyl	10.21	172	501015	64.38	ng	0.00
78) Terphenyl-d14	14.87	244	570945	62.34	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	9.75	142	399877	52.73	ng	97
49) Dimethylphthalate	10.71	163	22937	2.88	ng	# 93
51) Acenaphthene	11.07	154	28173	4.28	ng	93
57) Fluorene	11.71	166	57379	7.35	ng	# 91
70) Phenanthrene	12.90	178	199306	16.88	ng	98
77) Pyrene	14.66	202	73040	5.78	ng	# 95

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

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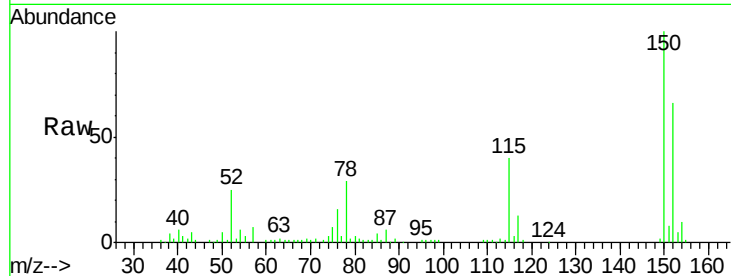


#1

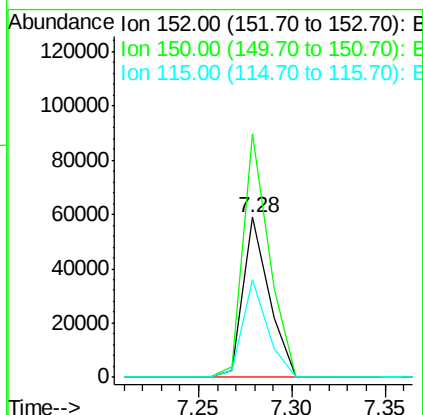
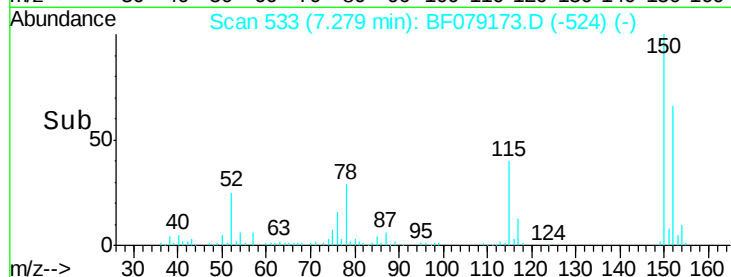
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Instrument :
BNA_F
ClientSampleId :
KBY-SB-9(6-10)

Tot Ion:152 Resp: 57485
Ion Ratio Lower Upper
152 100
150 152.0 122.0 183.0
115 61.2 46.3 69.5



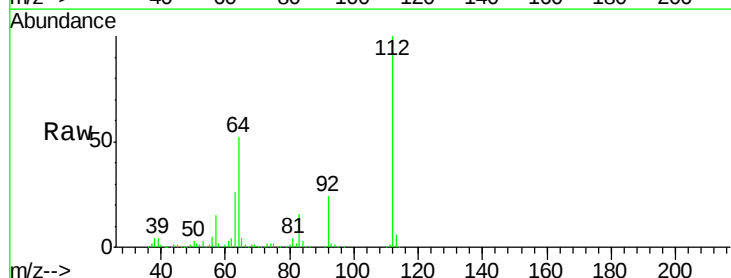
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



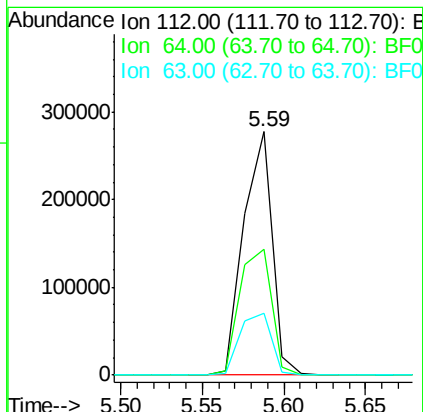
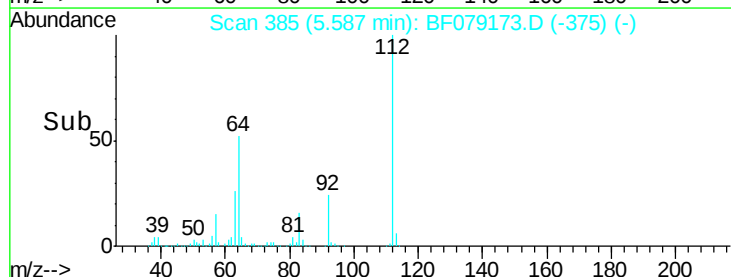
#5

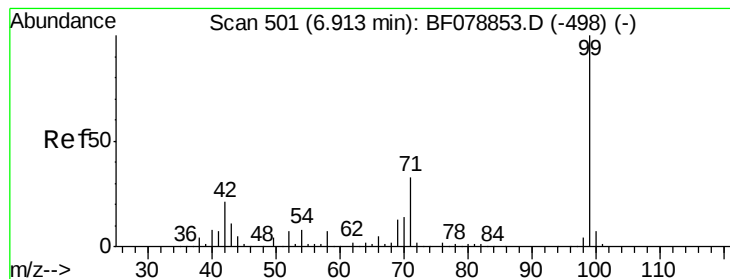
2-Fluorophenol
Concen: 100.92 ng
RT: 5.59 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Tgt Ion:112 Resp: 337014
Ion Ratio Lower Upper
112 100
64 51.8 53.5 80.3#
63 25.6 27.5 41.3#



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: 97.19 ng

RT: 6.84 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF079173.D

Acq: 12 May 2015 22:37

Instrument :

BNA_F

ClientSampleId :

KBY-SB-9(6-10)

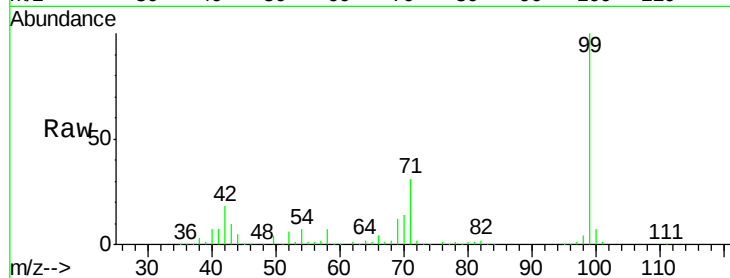
Tot Ion: 99 Resp: 429009

Ion Ratio Lower Upper

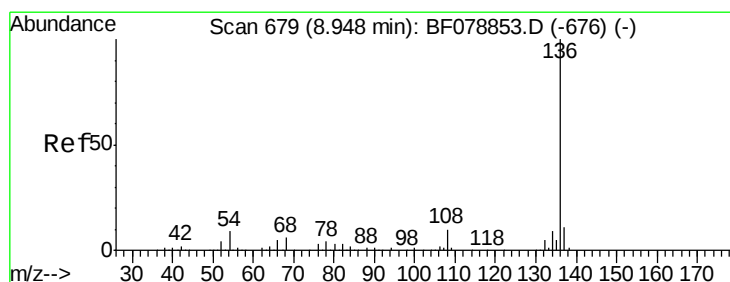
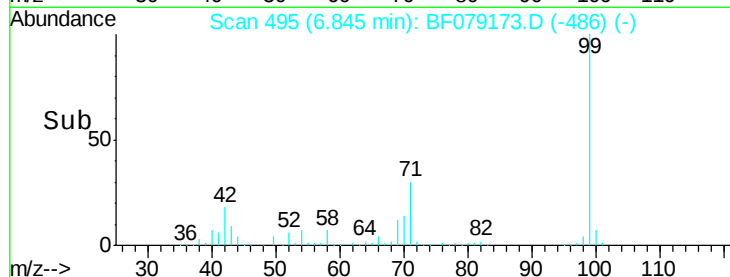
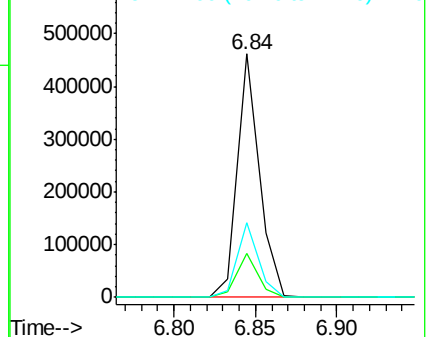
99 100

42 18.2 12.8 19.2

71 30.6 23.4 35.2



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: 8.86 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF079173.D

Acq: 12 May 2015 22:37

Tgt Ion: 136 Resp: 229651

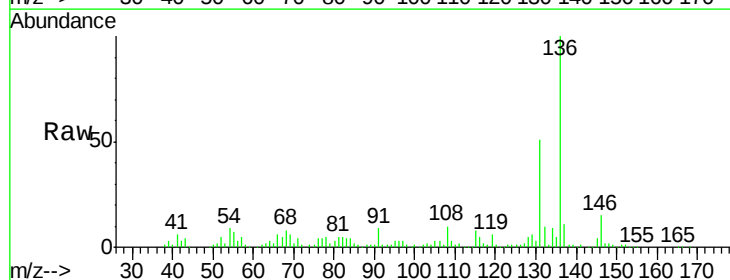
Ion Ratio Lower Upper

136 100

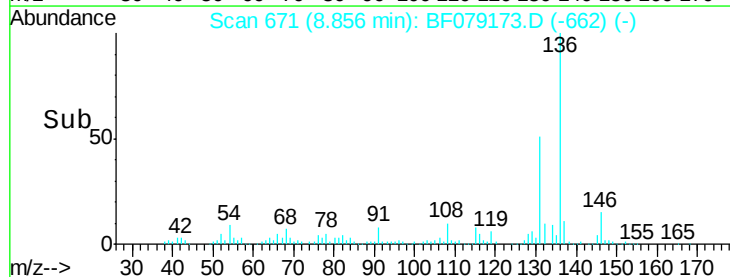
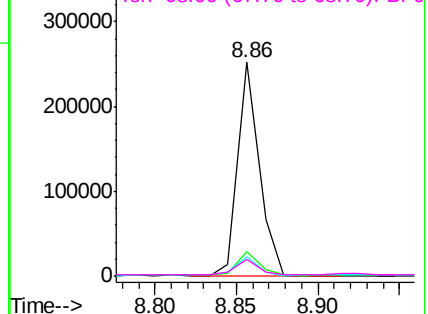
137 11.4 8.7 13.1

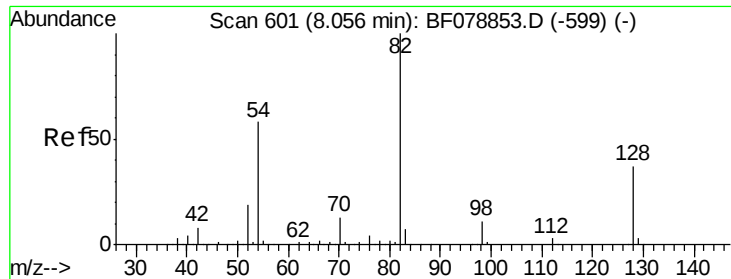
54 9.0 5.8 8.8#

68 7.6 4.2 6.4#



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

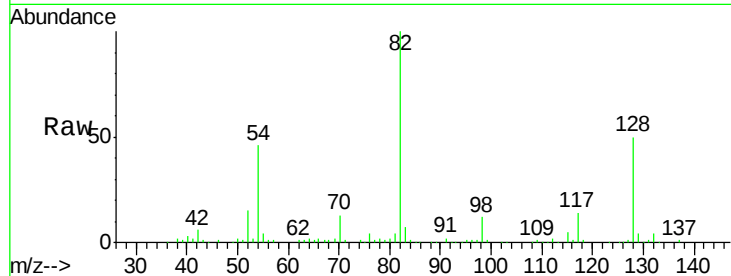




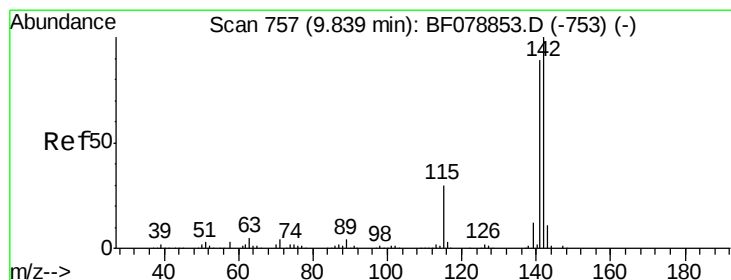
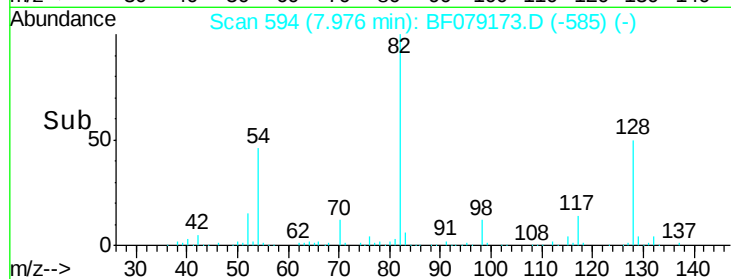
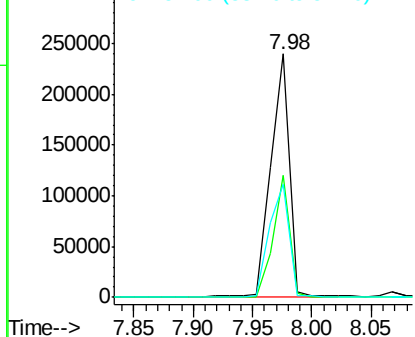
#23
 Nitrobenzene-d5
 Concen: 64.98 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079173.D
 Acq: 12 May 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 KBY-SB-9(6-10)

Tot Ion	82	Resp	259643
Ion Ratio	Lower	Upper	
82	100		
128	50.2	30.0	45.0#
54	46.4	46.4	69.6

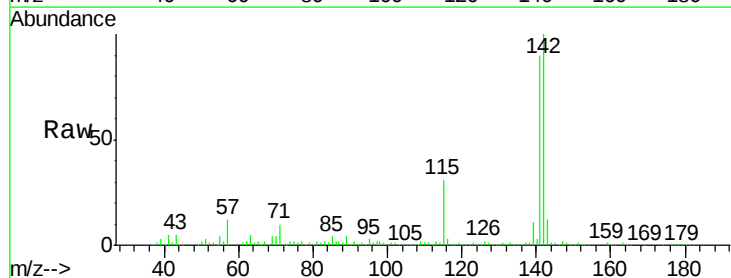


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

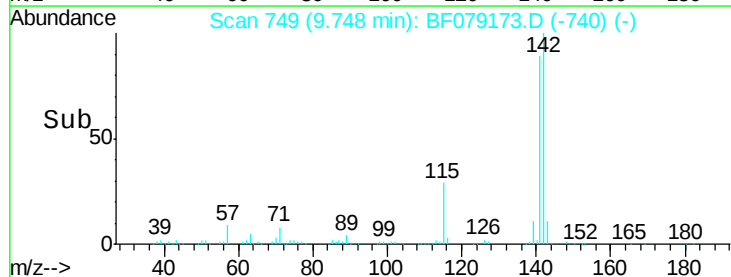
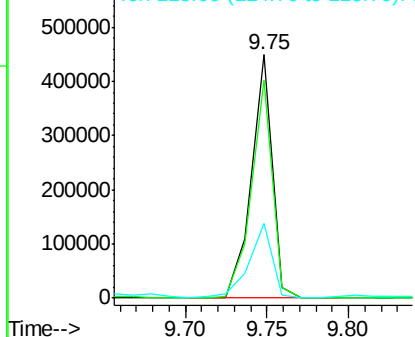


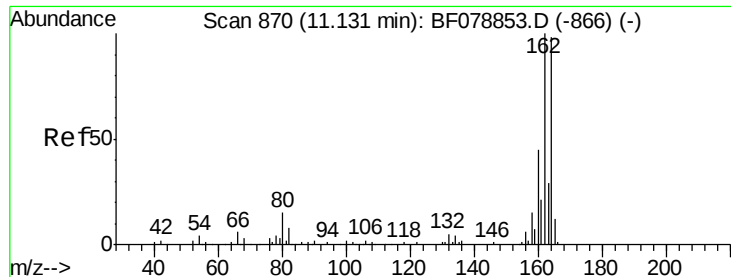
#37
 2-Methylnaphthalene
 Concen: 52.73 ng
 RT: 9.75 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF079173.D
 Acq: 12 May 2015 22:37

Tgt Ion	142	Resp	399877
Ion Ratio	Lower	Upper	
142	100		
141	89.6	70.9	106.3
115	30.9	28.5	42.7



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

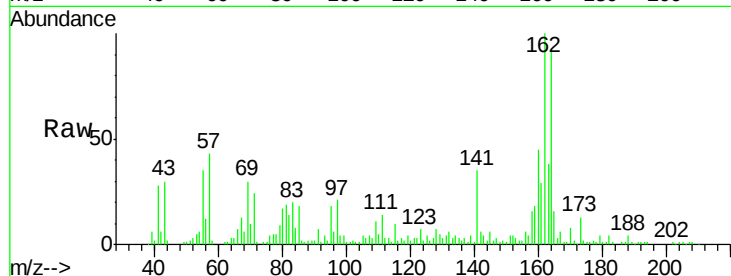




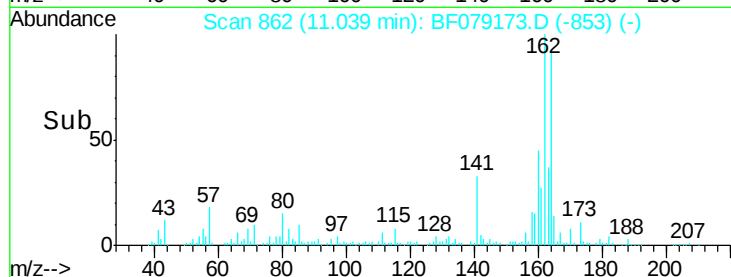
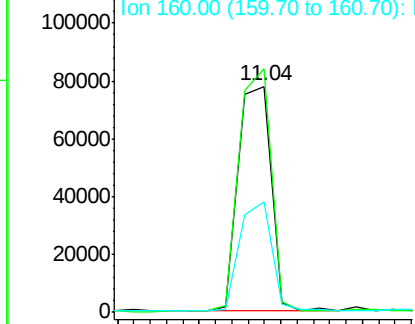
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF079173.D
 Acq: 12 May 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 KBY-SB-9(6-10)

Tot Ion:164 Resp: 108427
 Ion Ratio Lower Upper
 164 100
 162 107.8 82.7 124.1
 160 48.8 35.8 53.8

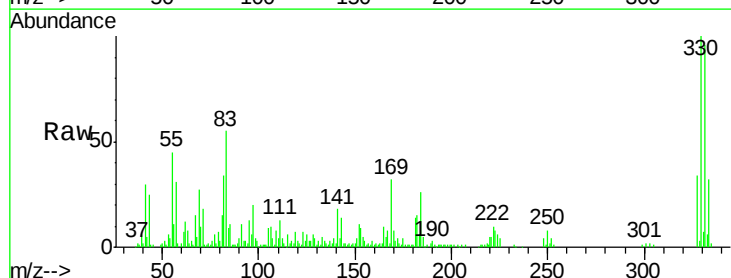


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

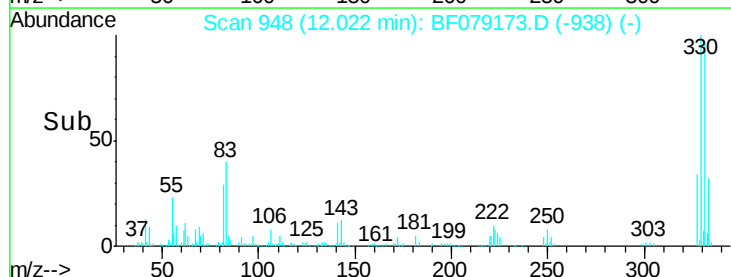
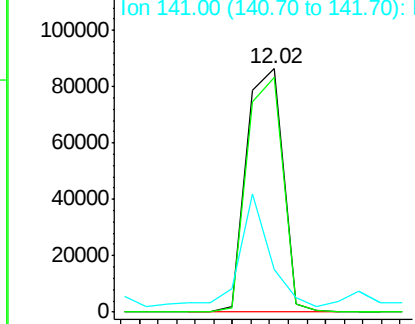


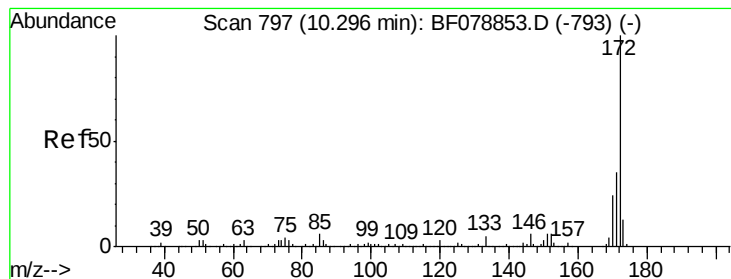
#41
 2,4,6-Tribromophenol
 Concen: 99.43 ng
 RT: 12.02 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: BF079173.D
 Acq: 12 May 2015 22:37

Tgt Ion:330 Resp: 116626
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 38.5 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

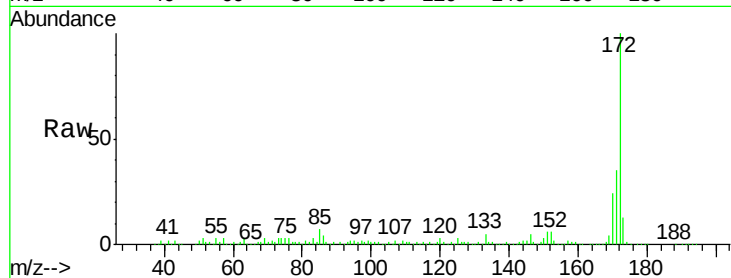




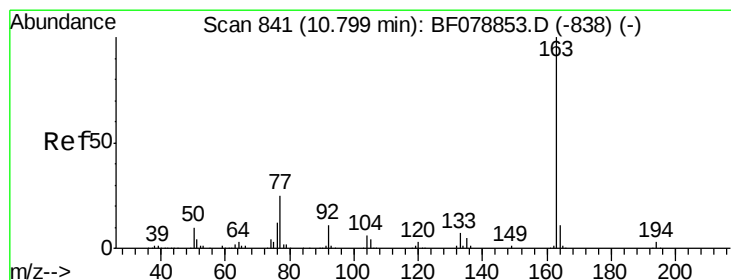
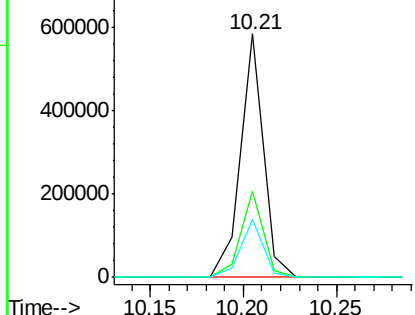
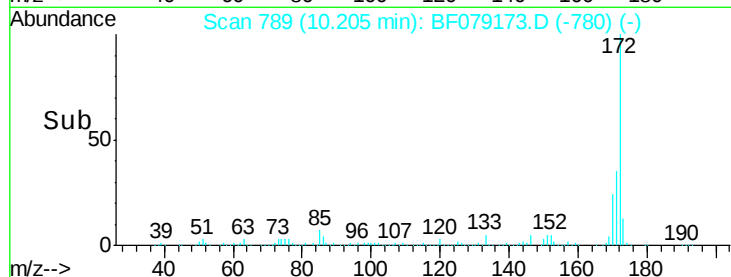
#44
 2-Fluorobiphenyl
 Concen: 64.38 ng
 RT: 10.21 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF079173.D
 Acq: 12 May 2015 22:37

Instrument :
 BNA_F
 ClientSampleId :
 KBY-SB-9(6-10)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.9	19.4	29.0

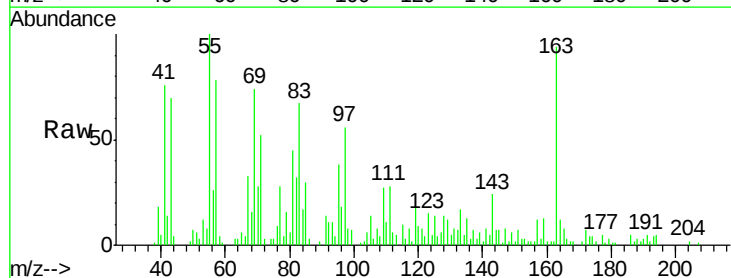


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

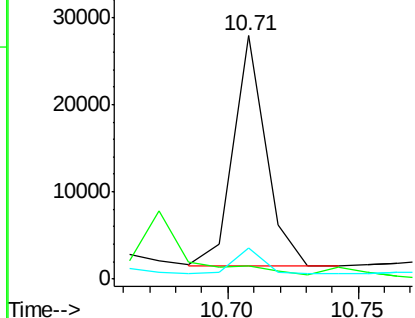
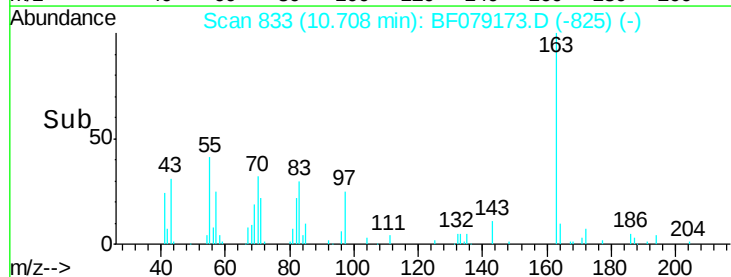


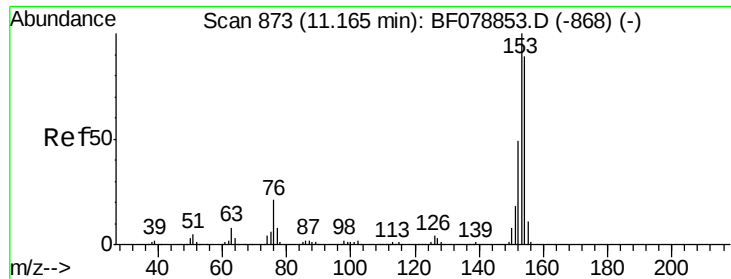
#49
 Dimethylphthalate
 Concen: 2.88 ng
 RT: 10.71 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF079173.D
 Acq: 12 May 2015 22:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.7	2.6	4.0#
164	12.6	8.1	12.1#



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 4.28 ng

RT: 11.07 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF079173.D

Acq: 12 May 2015 22:37

Instrument :

BNA_F

ClientSampleId :

KBY-SB-9(6-10)

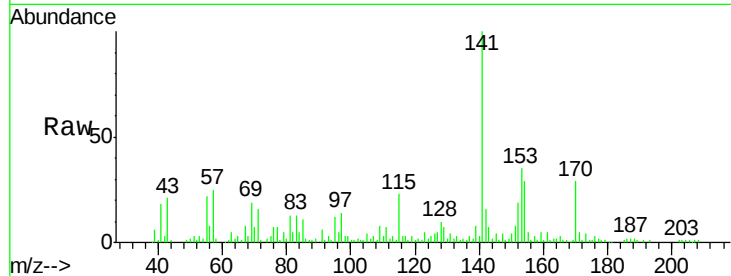
Tot Ion:154 Resp: 28173

Ion Ratio Lower Upper

154 100

153 118.8 91.5 137.3

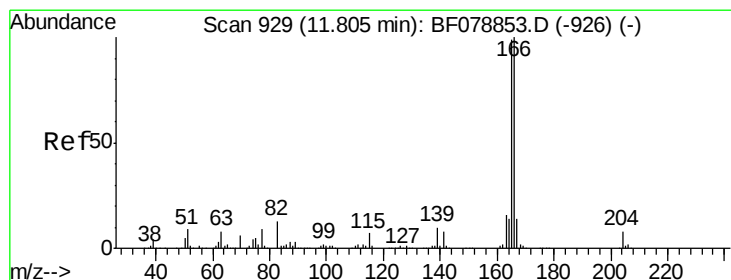
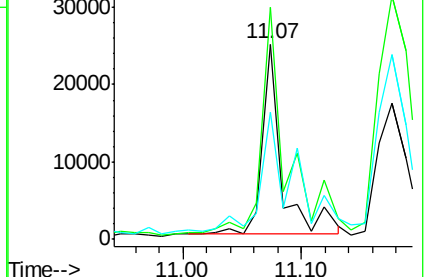
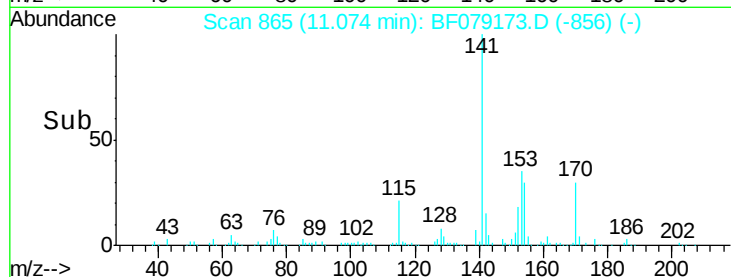
152 65.2 44.2 66.4



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



#57

Fluorene

Concen: 7.35 ng

RT: 11.71 min Scan# 921

Delta R.T. 0.00 min

Lab File: BF079173.D

Acq: 12 May 2015 22:37

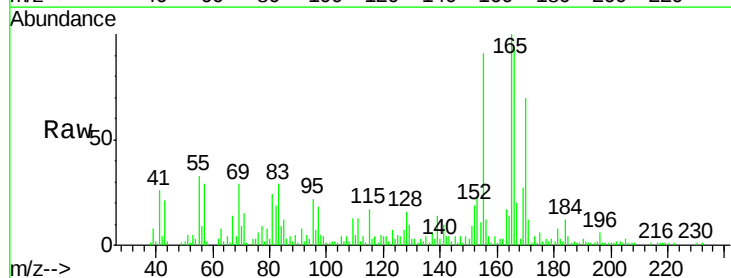
Tgt Ion:166 Resp: 57379

Ion Ratio Lower Upper

166 100

165 106.2 78.5 117.7

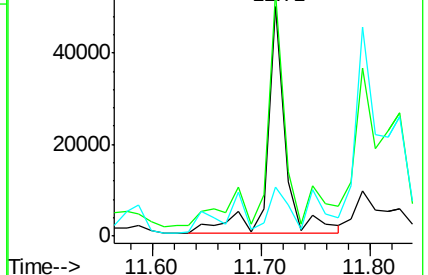
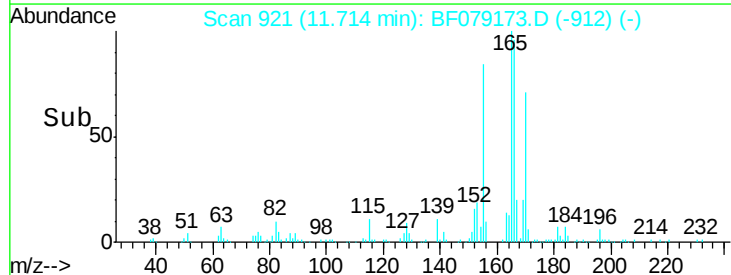
167 21.5 11.0 16.6#

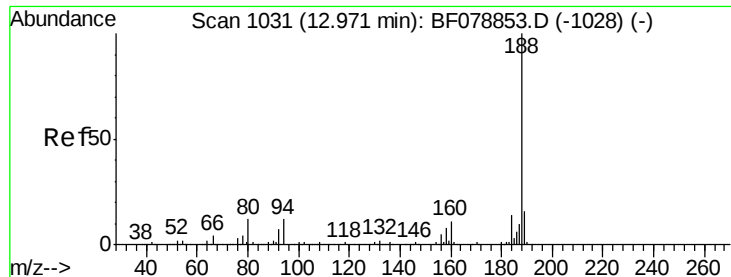


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

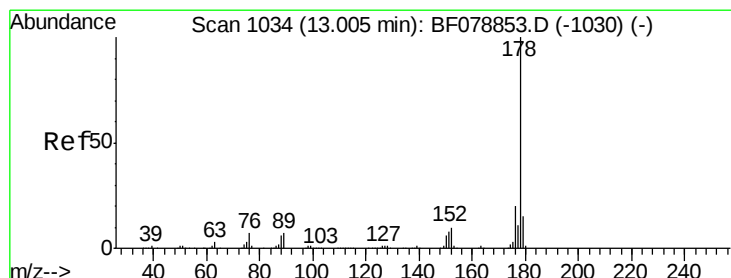
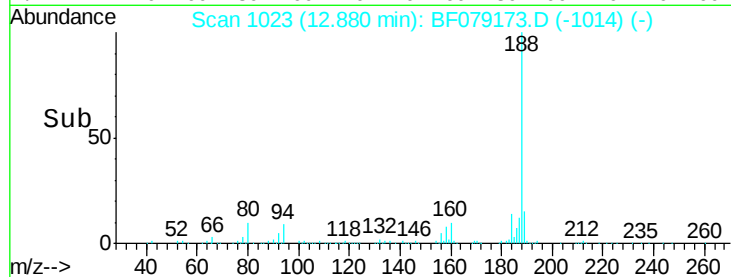
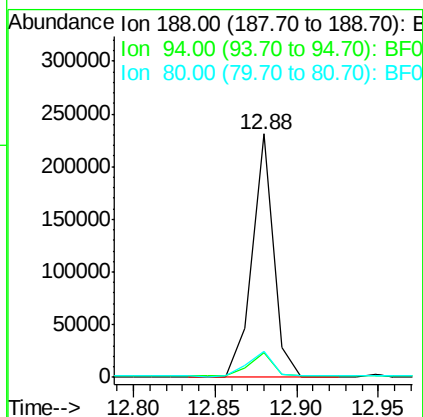
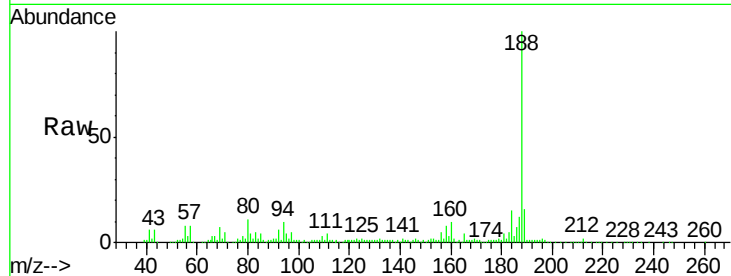




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.88 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

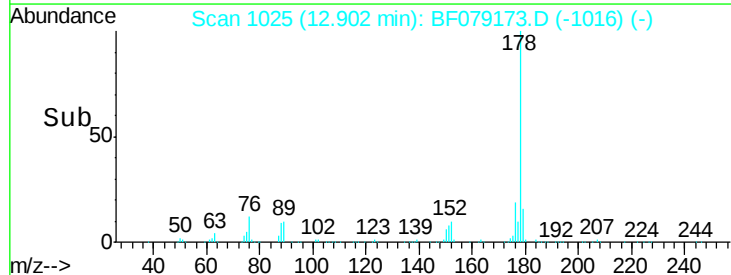
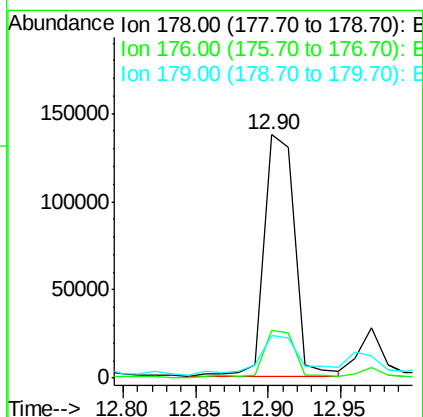
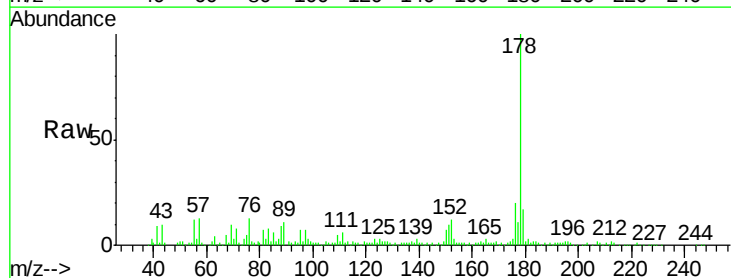
Instrument :
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KBY-SB-9(6-10)

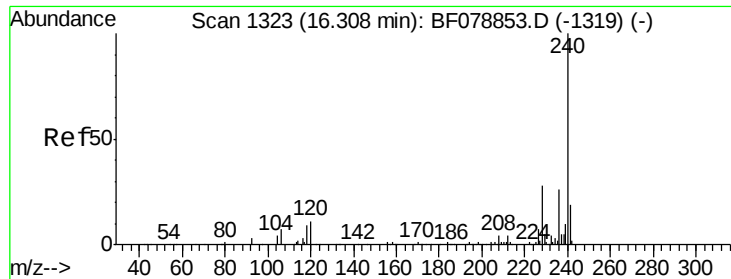
Tot Ion:188 Resp: 211115
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.5 8.9 13.3



#70
Phenanthrene
Concen: 16.88 ng
RT: 12.90 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF079173.D
Acq: 12 May 2015 22:37

Tgt Ion:178 Resp: 199306
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 17.5 12.5 18.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.17 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF079173.D

Acq: 12 May 2015 22:37

Instrument :

BNA_F

ClientSampleId :

KBY-SB-9(6-10)

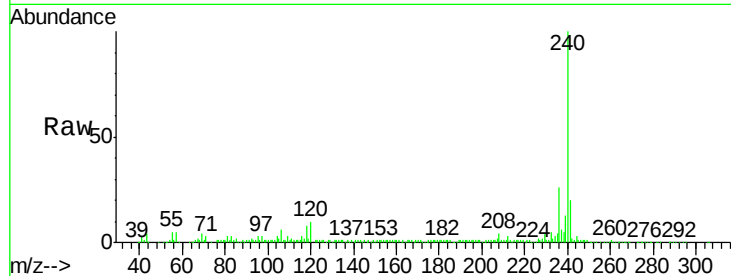
Tot Ion:240 Resp: 219279

Ion Ratio Lower Upper

240 100

120 9.7 9.7 14.5#

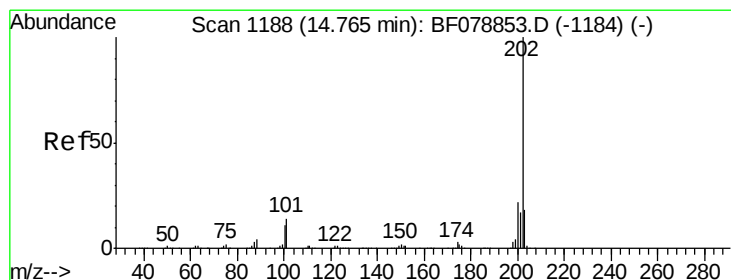
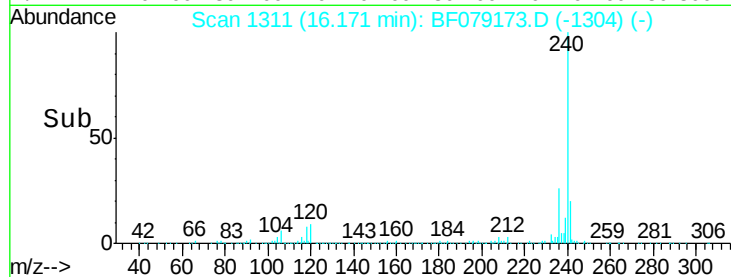
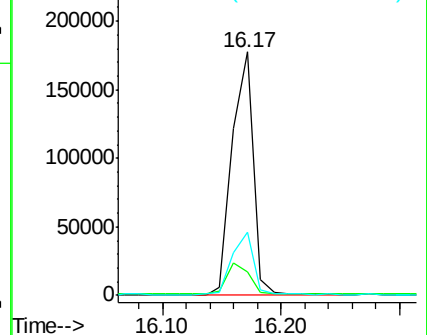
236 26.0 20.2 30.4



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: 5.78 ng

RT: 14.66 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF079173.D

Acq: 12 May 2015 22:37

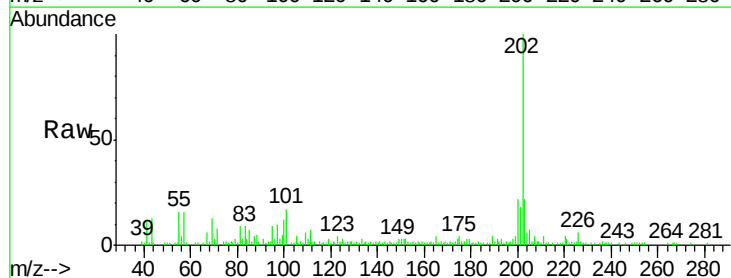
Tgt Ion:202 Resp: 73040

Ion Ratio Lower Upper

202 100

200 21.6 17.5 26.3

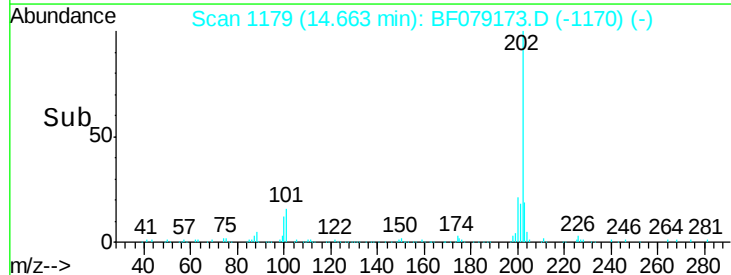
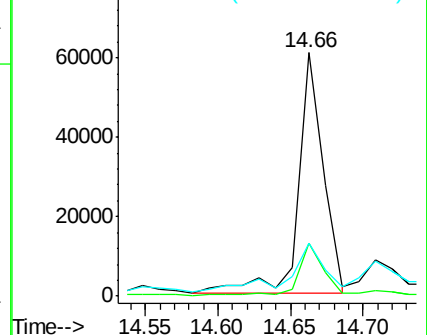
203 21.6 13.9 20.9#

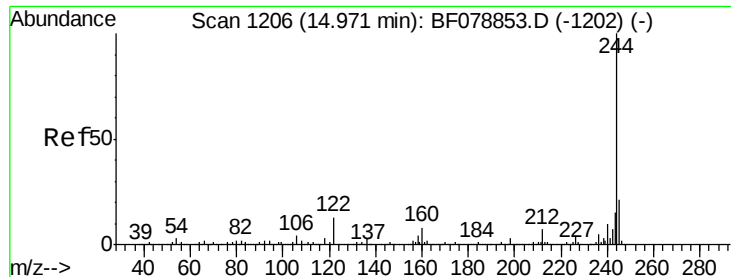


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 62.34 ng

RT: 14.87 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF079173.D

Acq: 12 May 2015 22:37

Instrument :

BNA_F

ClientSampleId :

KBY-SB-9(6-10)

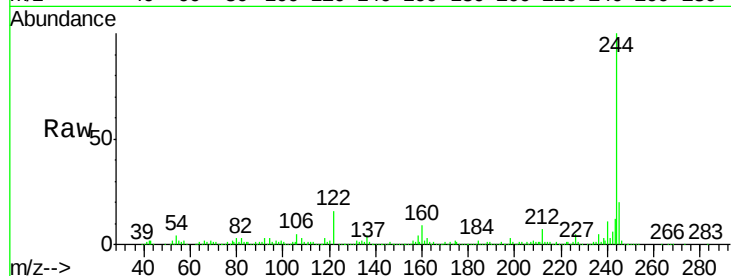
Tot Ion:244 Resp: 570945

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

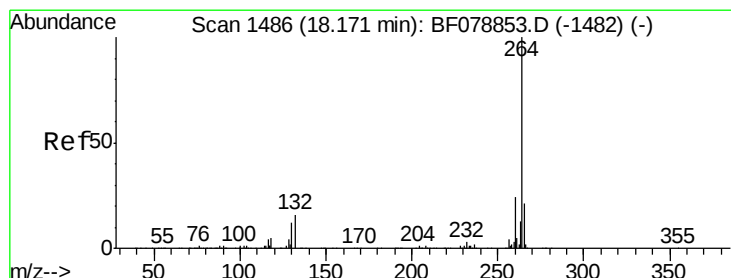
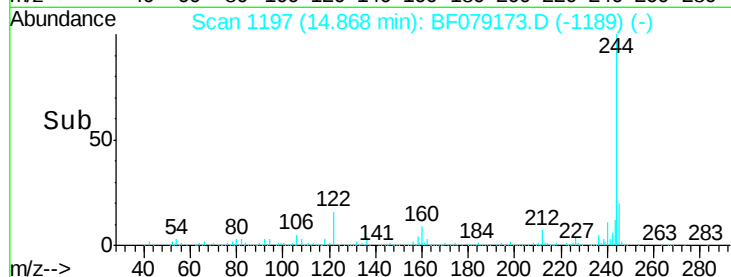
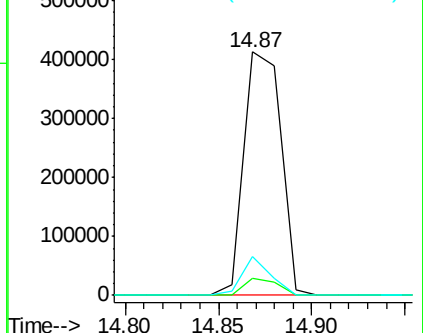
122 16.0 10.3 15.5#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.87 min Scan# 1460

Delta R.T. -0.15 min

Lab File: BF079173.D

Acq: 12 May 2015 22:37

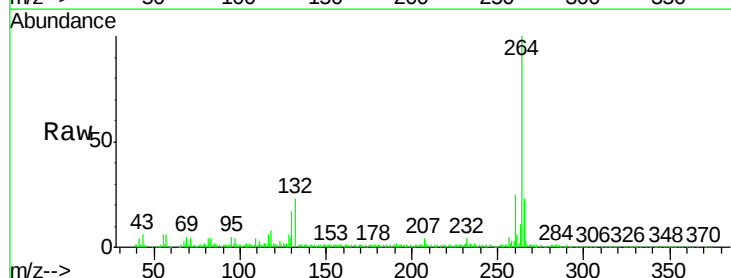
Tgt Ion:264 Resp: 222811

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 23.3 18.3 27.5



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

