

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079635.D
 Acq On : 31 May 2015 16:15
 Operator : TP/IZ
 Sample : G2427-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-9B-DEL2(0-4.5)

Quant Time: Jun 01 04:19:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 04:06:42 2015
 Response via : Initial Calibration

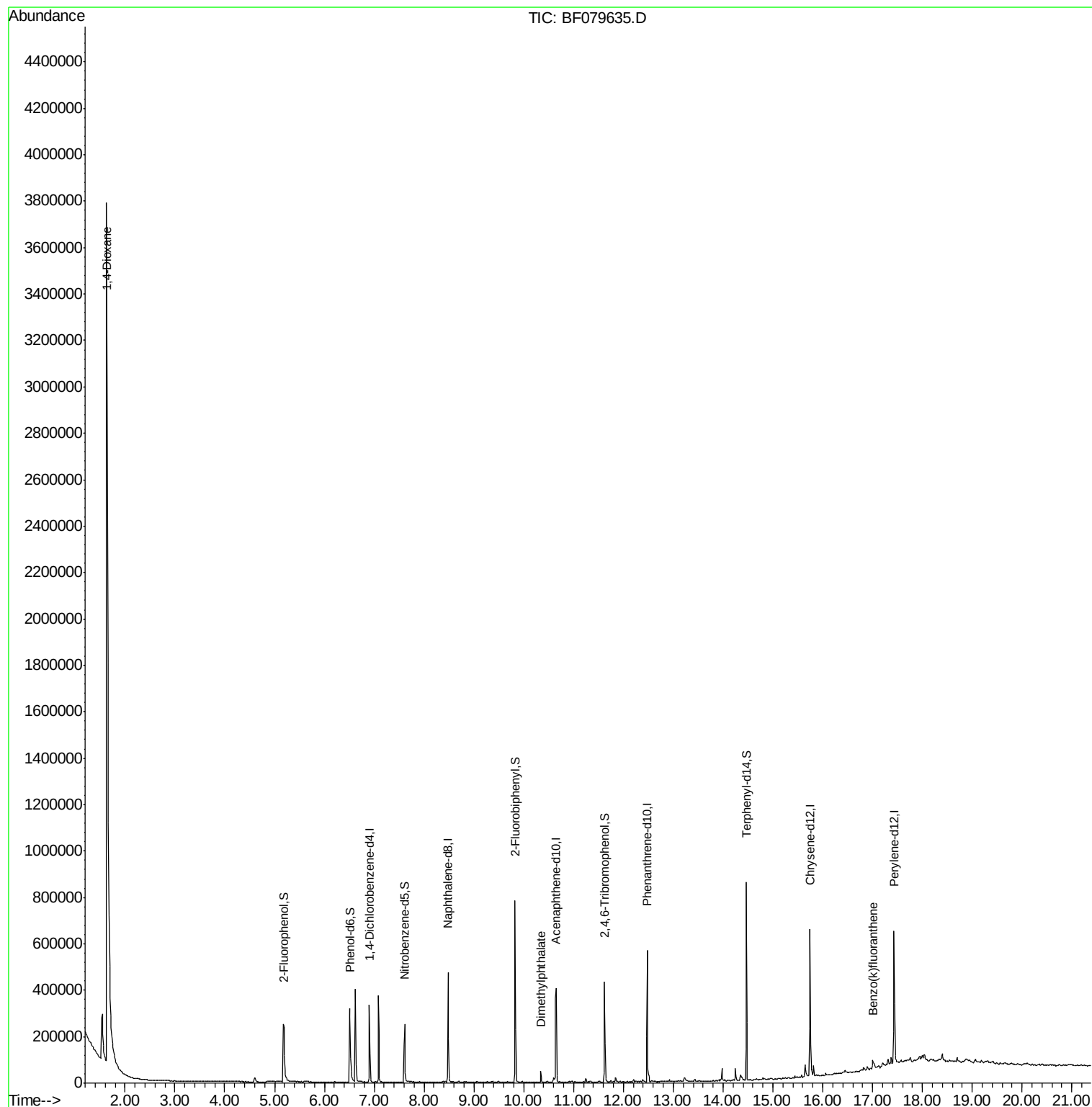
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	58229	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	241760	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	117970	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	231814	20.00	ng	0.00
75) Chrysene-d12	15.75	240	245314	20.00	ng	0.00
86) Perylene-d12	17.43	264	256951	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	154829	46.12	ng	0.02
7) Phenol-d6	6.51	99	213675	49.93	ng	0.01
23) Nitrobenzene-d5	7.61	82	113744	27.20	ng	0.00
41) 2,4,6-Tribromophenol	11.62	330	62689	48.38	ng	-0.01
44) 2-Fluorobiphenyl	9.83	172	260441	31.50	ng	0.00
78) Terphenyl-d14	14.47	244	301027	28.80	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.63	88	200669	125.65	ng	# 100
49) Dimethylphthalate	10.34	163	22323	2.57	ng	# 100
73) Di-n-butylphthalate	13.25	149	1220	Below Cal	#	78
88) Benzo(k)fluoranthene	17.01	252	26627	2.03	ng	# 91
89) Benzo(a)pyrene	17.37	252	13501	Below Cal	#	93
90) Dibenzo(a,h)anthracene	18.72	278	4272	Below Cal	#	61
91) Benzo(g,h,i)perylene	19.06	276	13666	Below Cal		98

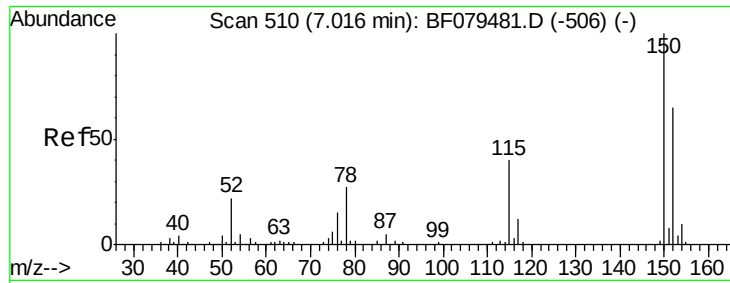
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 04:06:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

HB-9B-DEL2(0-4.5)

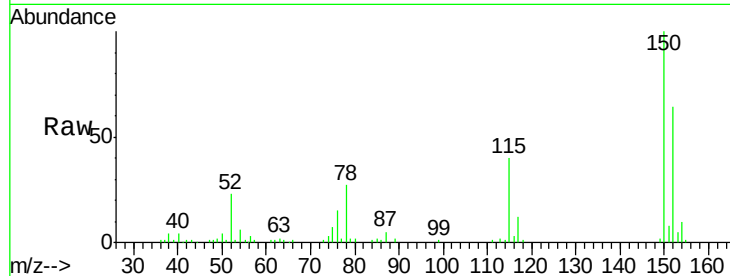
Tgt Ion:152 Resp: 58229

Ion Ratio Lower Upper

152 100

150 156.9 124.0 186.0

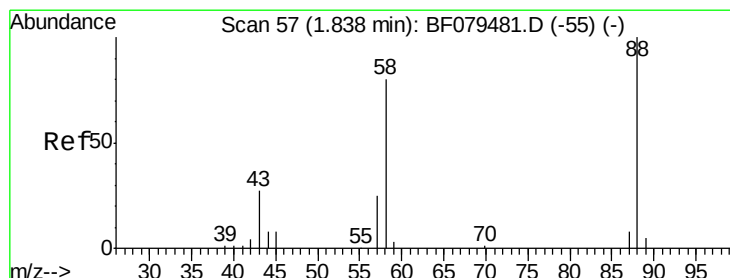
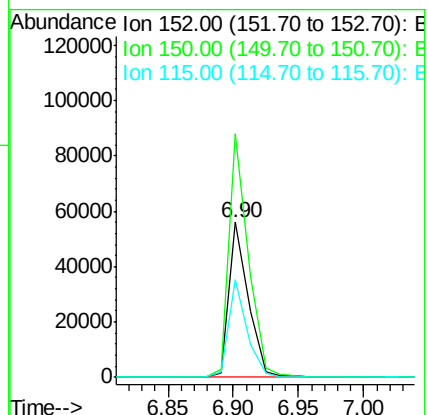
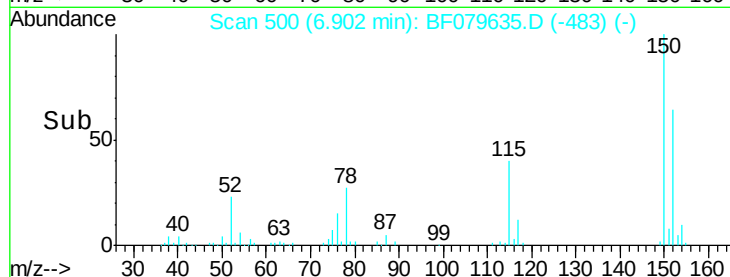
115 62.6 49.6 74.4



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



#2

1,4-Dioxane

Concen: 125.65 ng

RT: 1.63 min Scan# 39

Delta R.T. -0.06 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

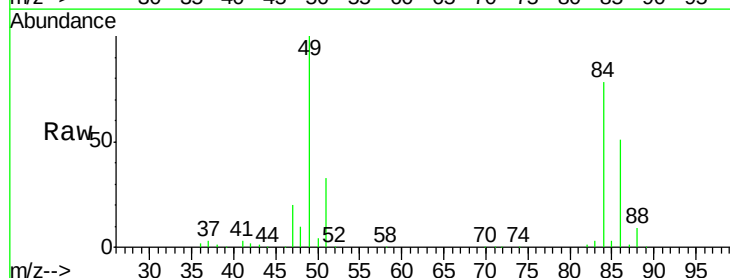
Tgt Ion: 88 Resp: 200669

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

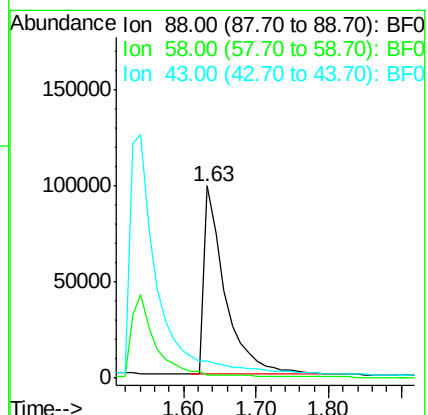
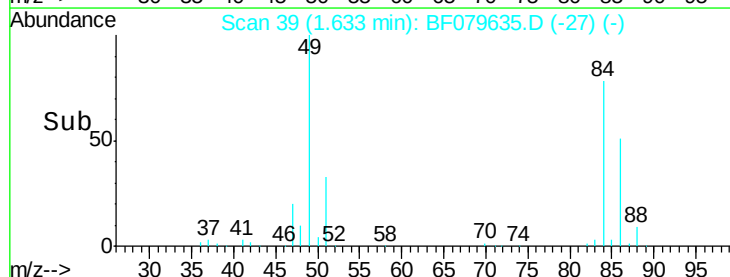
43 0.0 0.0 0.0

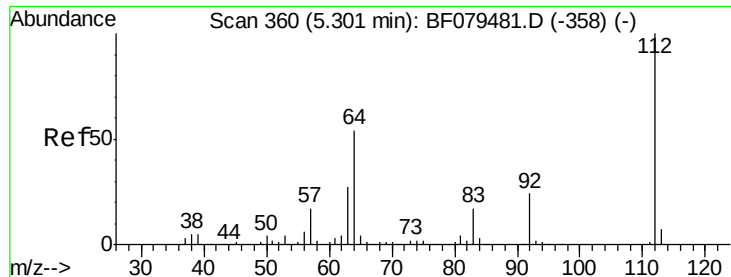


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 46.12 ng

RT: 5.19 min Scan# 350

Delta R.T. 0.02 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

HB-9B-DEL2(0-4.5)

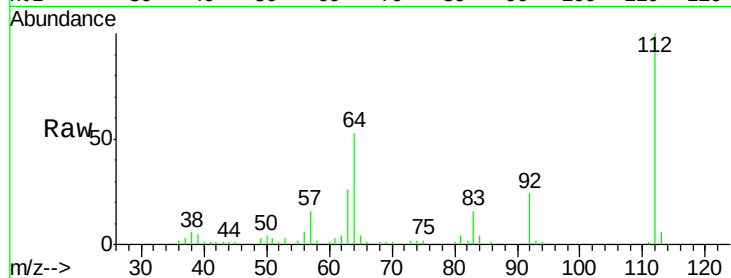
Tgt Ion: 112 Resp: 154829

Ion Ratio Lower Upper

112 100

64 52.8 43.5 65.3

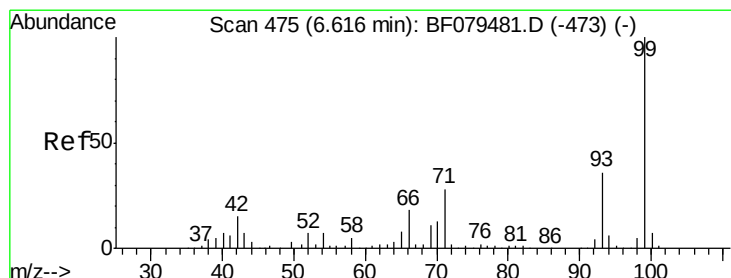
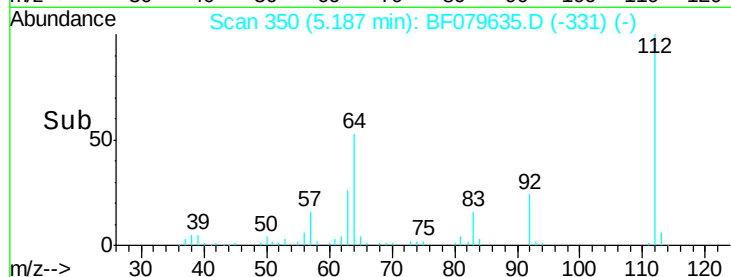
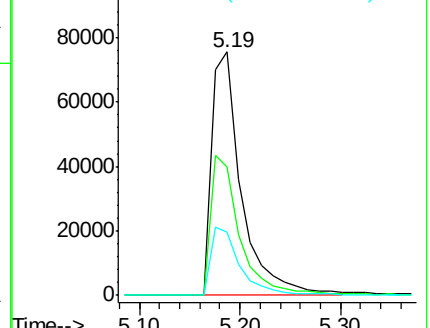
63 26.0 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 49.93 ng

RT: 6.51 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

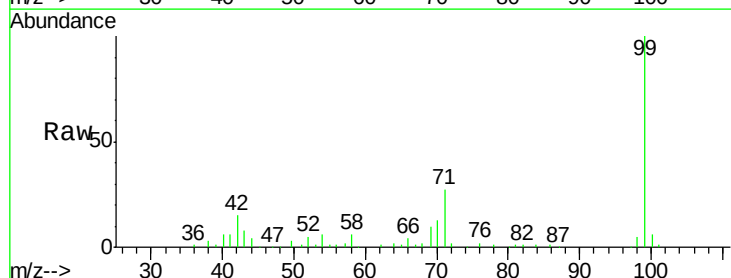
Tgt Ion: 99 Resp: 213675

Ion Ratio Lower Upper

99 100

42 15.0 11.9 17.9

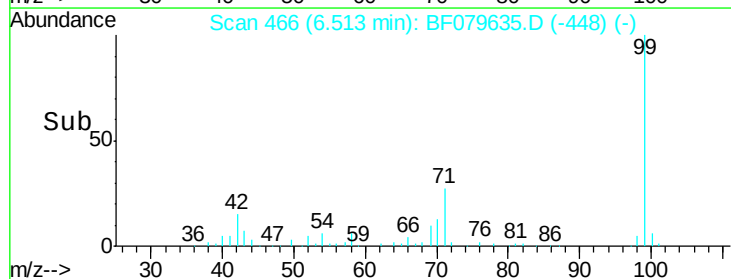
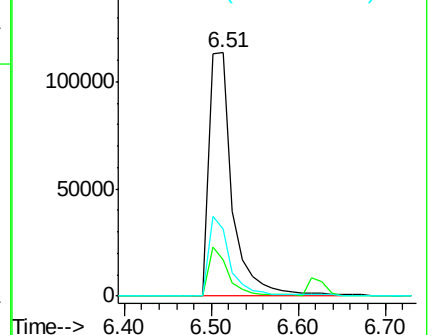
71 27.3 22.1 33.1

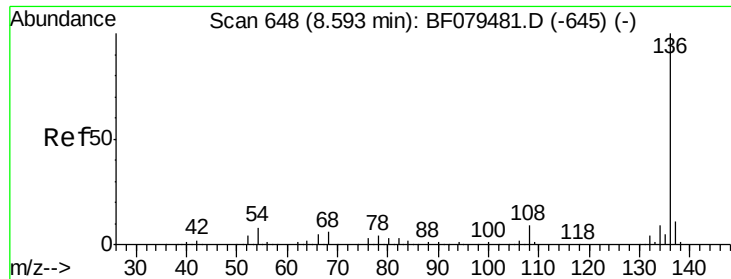


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

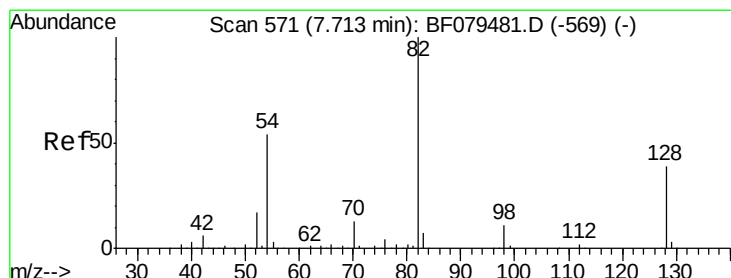
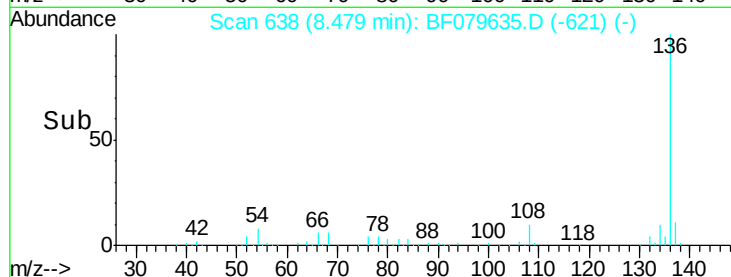
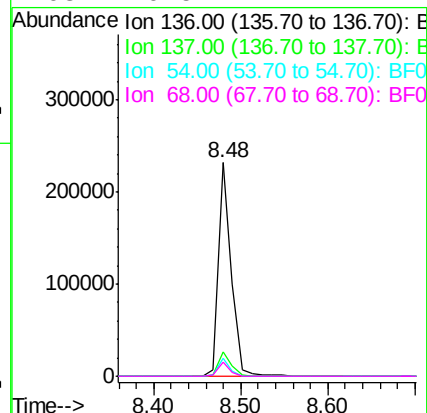
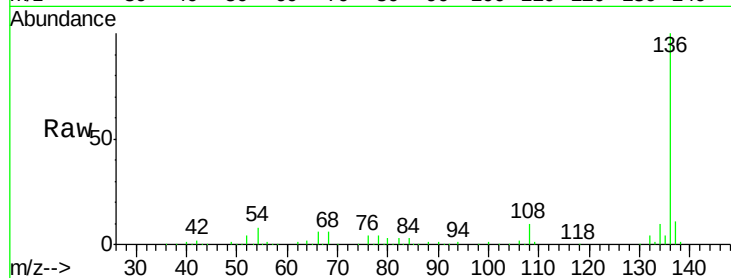




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.48 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF079635.D
Acq: 31 May 2015 16:15

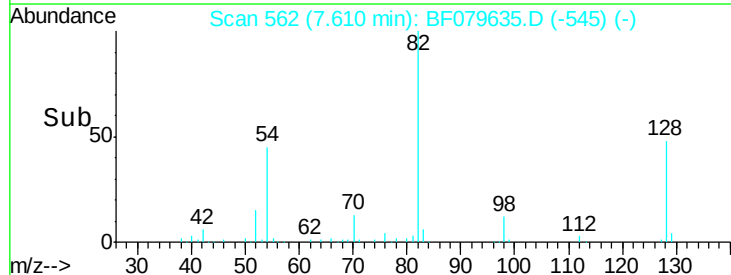
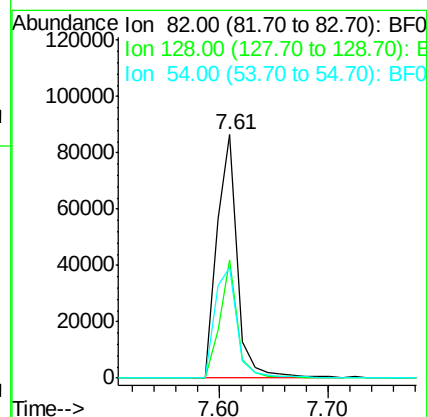
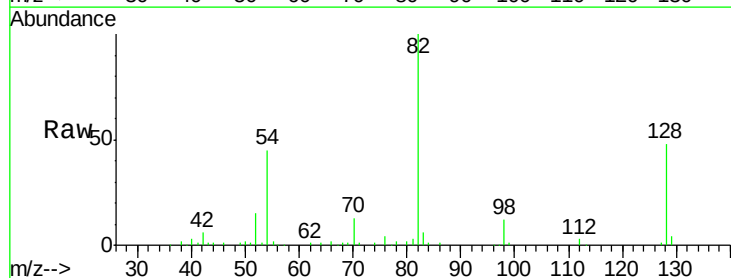
Instrument :
BNA_F
ClientSampleId :
HB-9B-DEL2(0-4.5)

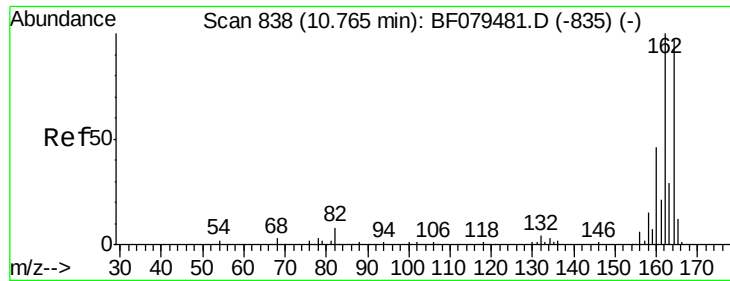
Tgt Ion:	136	Resp:	241760
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.5	6.6	9.8
68	6.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 27.20 ng
RT: 7.61 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF079635.D
Acq: 31 May 2015 16:15

Tgt Ion:	82	Resp:	113744
Ion	Ratio	Lower	Upper
82	100		
128	48.4	30.8	46.2#
54	45.3	42.8	64.2

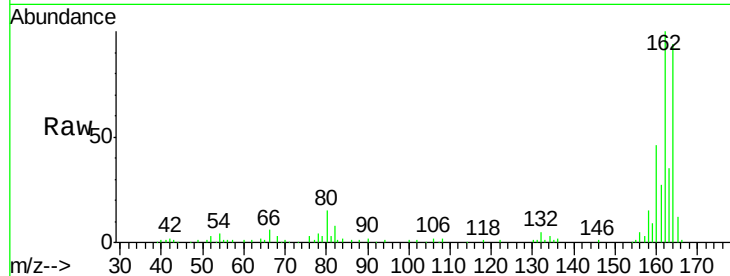




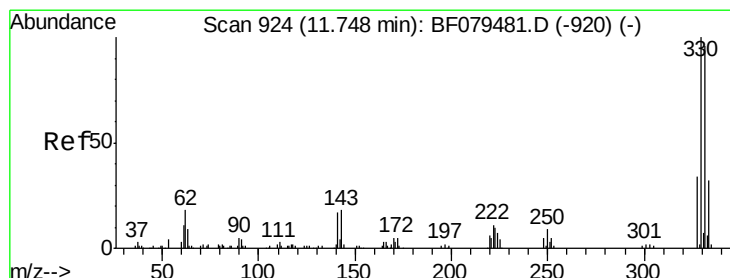
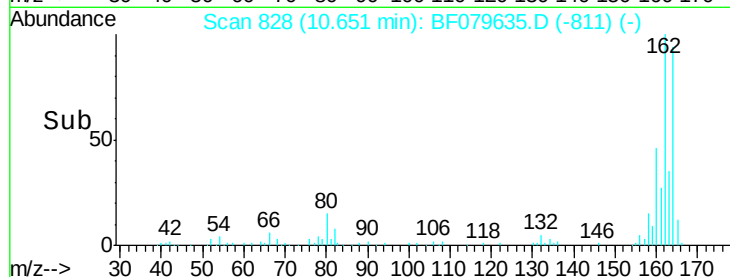
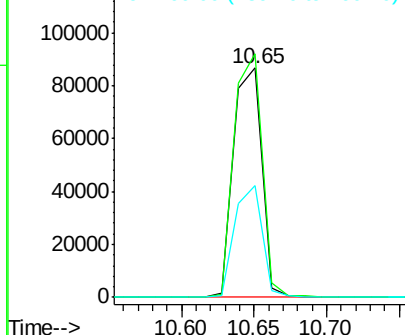
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.65 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF079635.D
 Acq: 31 May 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :
 HB-9B-DEL2(0-4.5)

Tgt Ion:164 Resp: 117970
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.6 124.0
 160 48.8 37.7 56.5

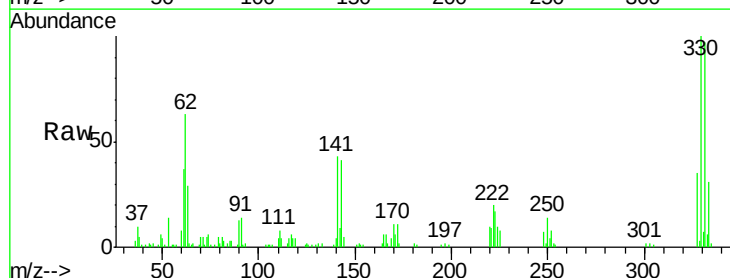


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

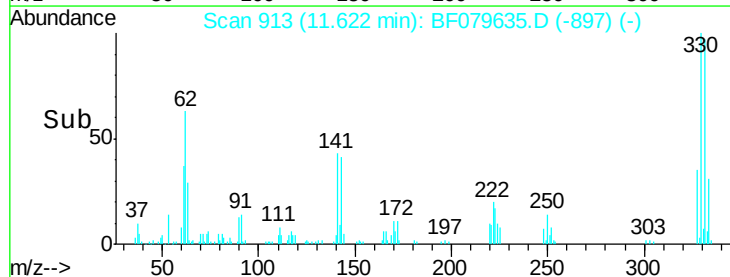
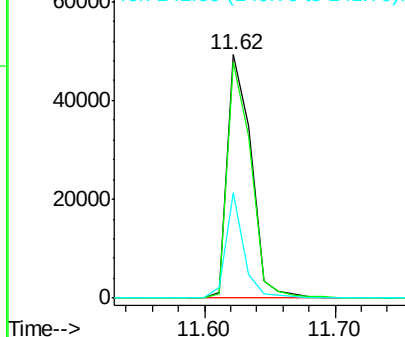


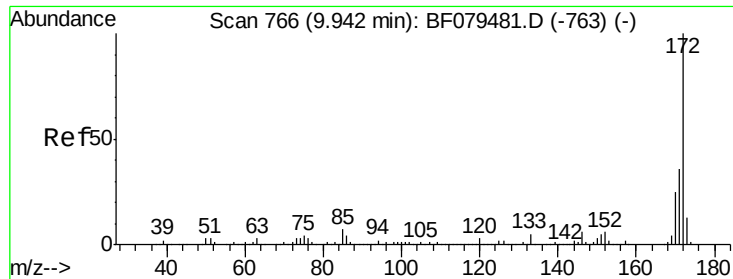
#41
 2,4,6-Tribromophenol
 Concen: 48.38 ng
 RT: 11.62 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF079635.D
 Acq: 31 May 2015 16:15

Tgt Ion:330 Resp: 62689
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 32.9 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

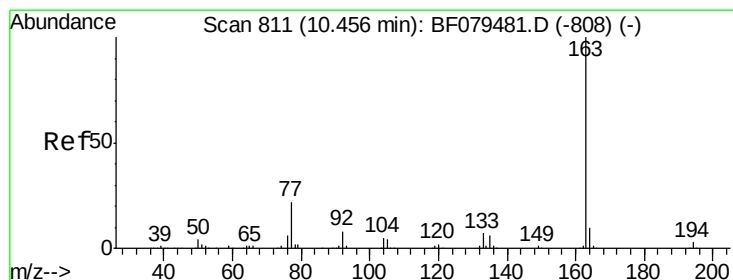
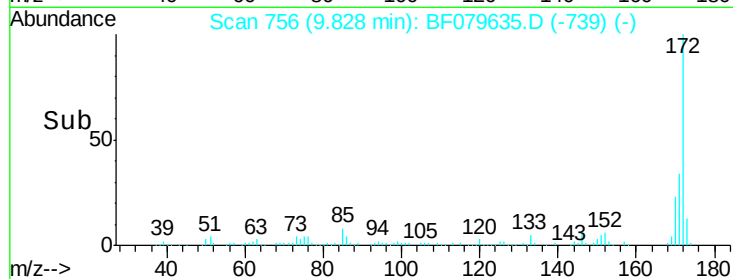
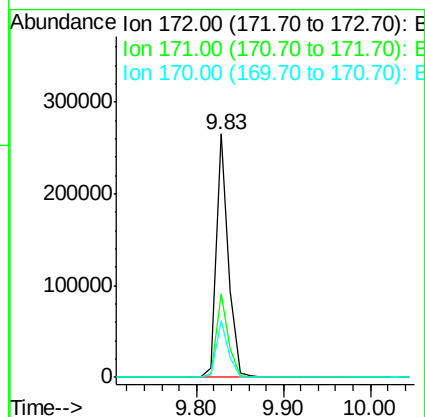
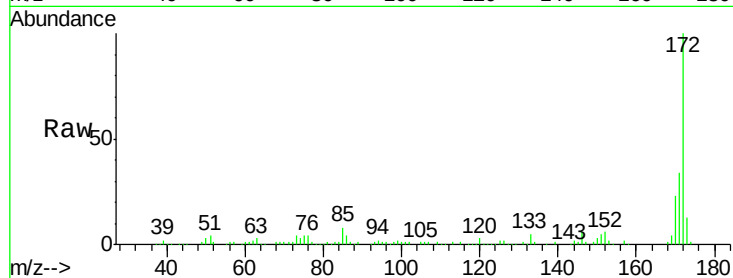




#44
2-Fluorobiphenyl
Concen: 31.50 ng
RT: 9.83 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF079635.D
Acq: 31 May 2015 16:15

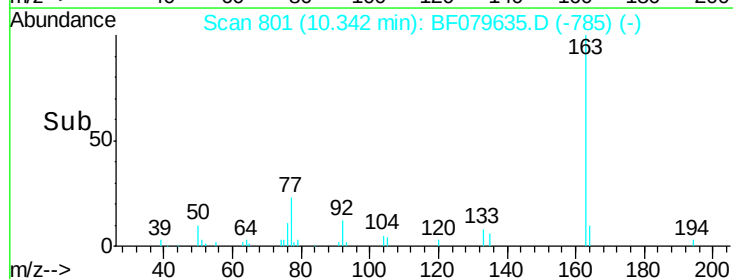
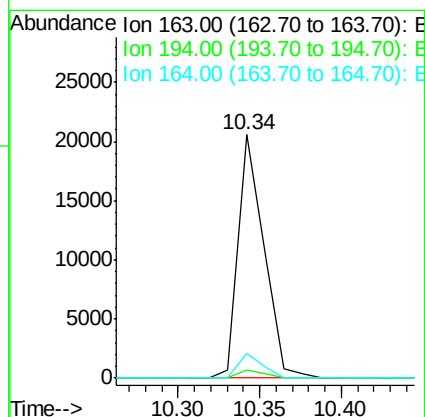
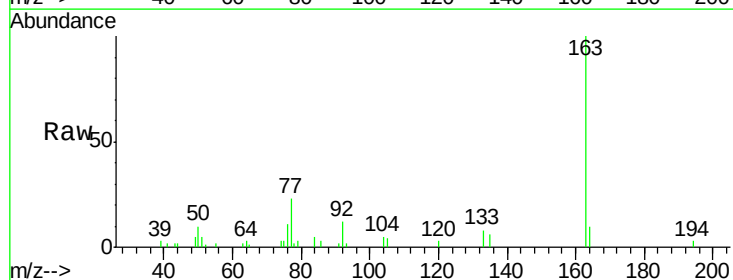
Instrument :
BNA_F
ClientSampleId :
HB-9B-DEL2(0-4.5)

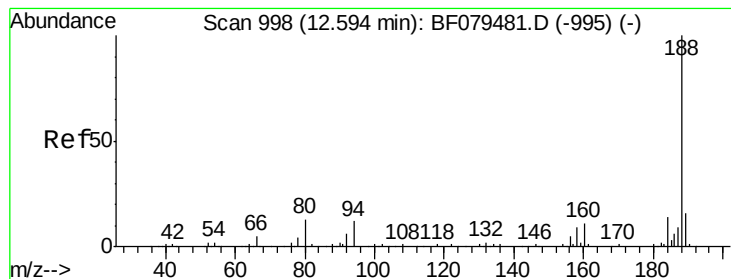
Tgt Ion:172 Resp: 260441
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.3 19.7 29.5



#49
Dimethylphthalate
Concen: 2.57 ng
RT: 10.34 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF079635.D
Acq: 31 May 2015 16:15

Tgt Ion:163 Resp: 22323
Ion Ratio Lower Upper
163 100
194 3.3 2.4 3.6
164 10.3 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.48 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

HB-9B-DEL2(0-4.5)

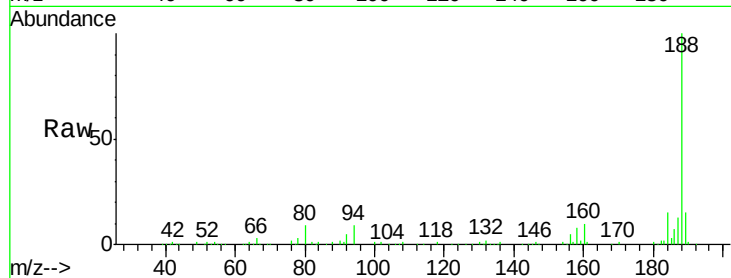
Tgt Ion:188 Resp: 231814

Ion Ratio Lower Upper

188 100

94 8.9 9.8 14.6#

80 8.9 10.5 15.7#



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

300000

250000

200000

150000

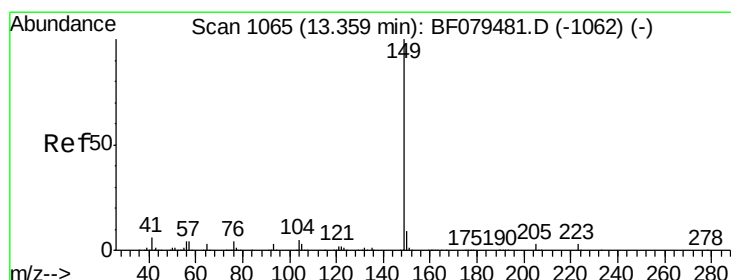
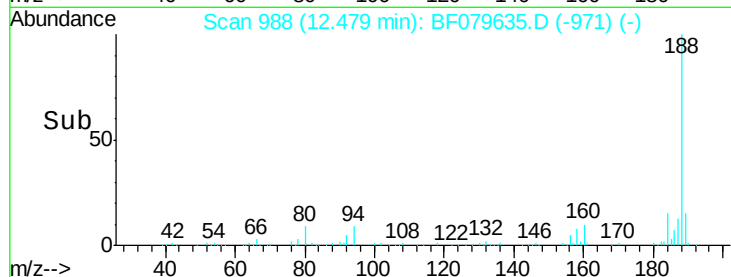
100000

50000

0

12.40 12.45 12.50 12.55

Time-->



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 13.25 min Scan# 1055

Delta R.T. 0.00 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

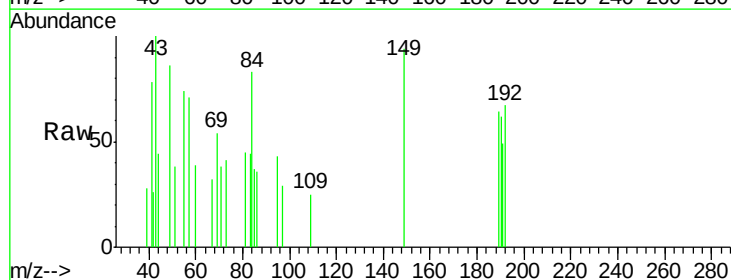
Tgt Ion:149 Resp: 1220

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

104 0.0 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

1500

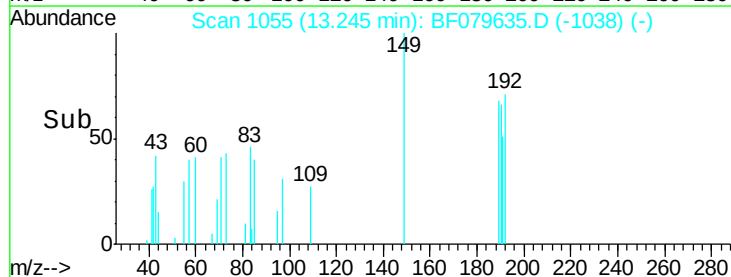
1000

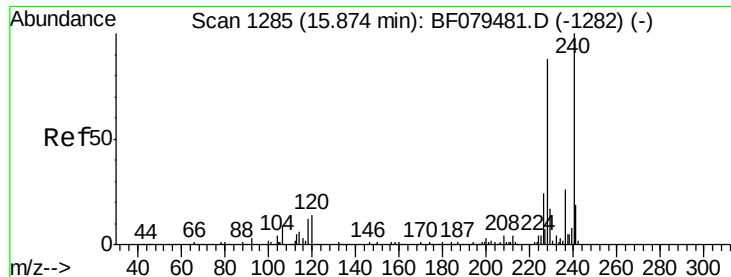
500

0

13.20 13.25 13.30

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.75 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

HB-9B-DEL2(0-4.5)

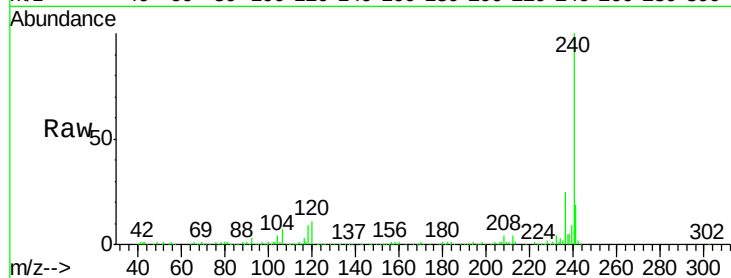
Tgt Ion:240 Resp: 245314

Ion Ratio Lower Upper

240 100

120 11.3 10.8 16.2

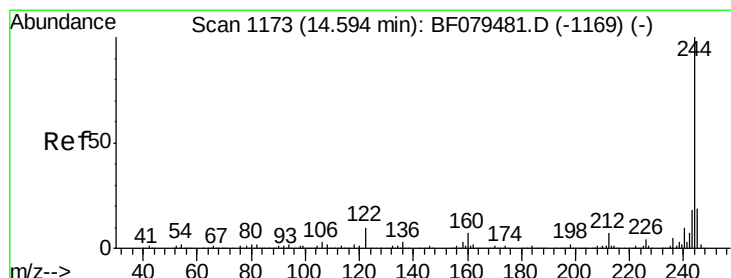
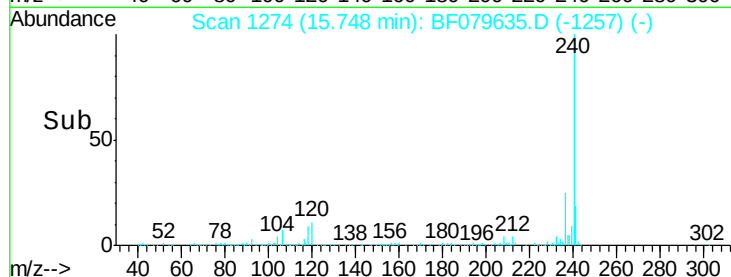
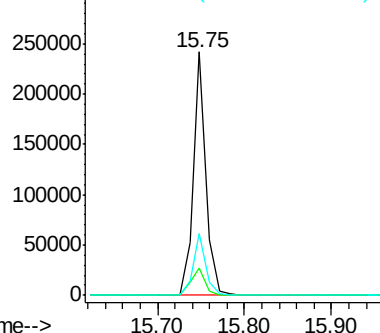
236 25.3 21.0 31.6



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



#78

Terphenyl-d14

Concen: 28.80 ng

RT: 14.47 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

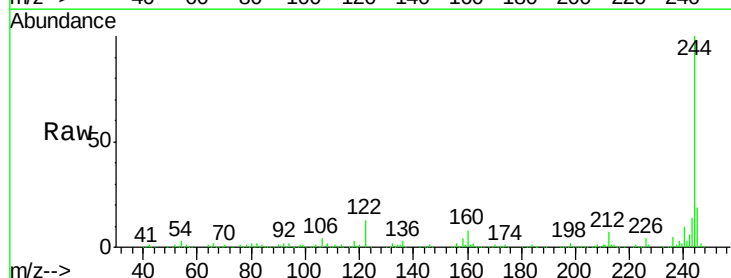
Tgt Ion:244 Resp: 301027

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

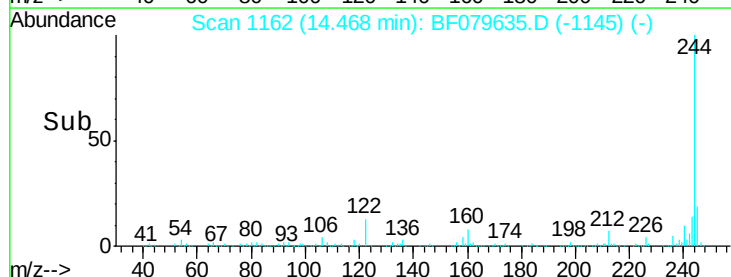
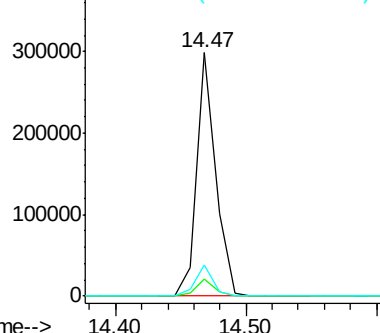
122 13.0 8.0 12.0#

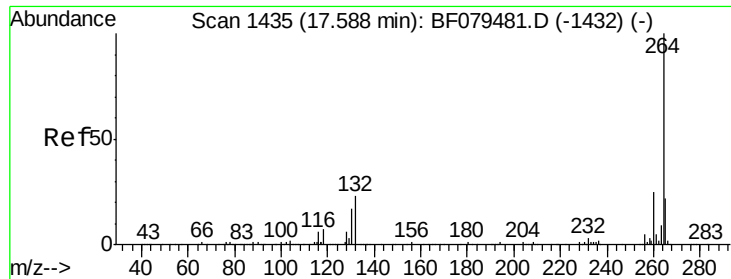


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

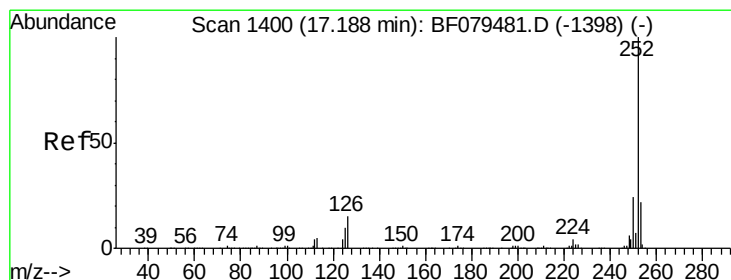
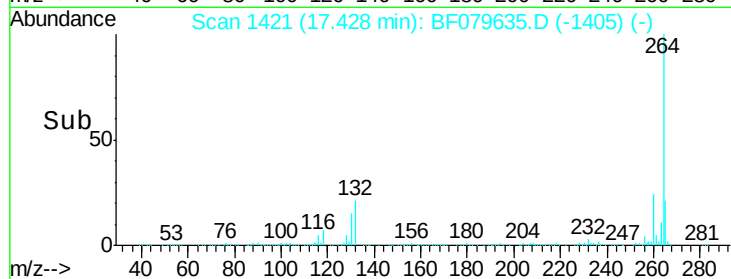
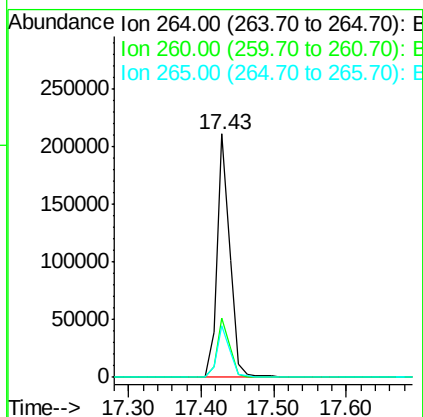
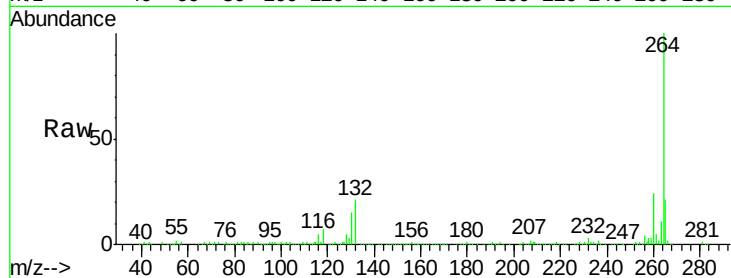




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.43 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF079635.D
Acq: 31 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
HB-9B-DEL2(0-4.5)

Tgt Ion: 264 Resp: 256951
Ion Ratio Lower Upper
264 100
260 24.2 19.8 29.8
265 21.3 17.8 26.6



#88
Benzo(k)fluoranthene
Concen: 2.03 ng
RT: 17.01 min Scan# 1384
Delta R.T. -0.03 min
Lab File: BF079635.D
Acq: 31 May 2015 16:15

Tgt Ion: 252 Resp: 26627
Ion Ratio Lower Upper
252 100
253 24.5 17.2 25.8
125 14.7 6.8 10.2#

