

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079609.D
 Acq On : 30 May 2015 18:14
 Operator : TP/IZ
 Sample : G2420-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.9(5)

Quant Time: May 31 05:48:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

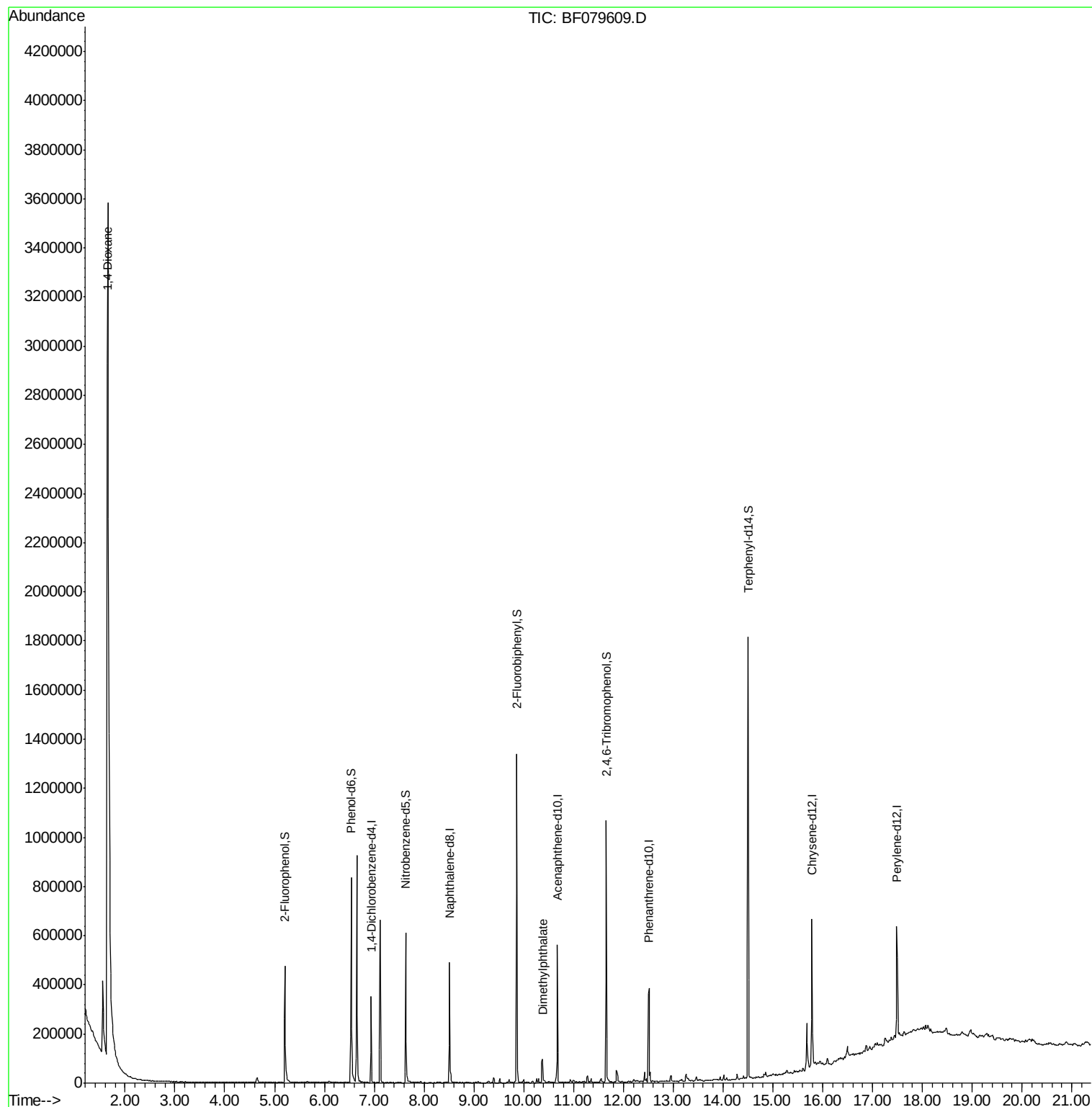
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61814	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	245907	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	114319	20.00	ng	-0.03
63) Phenanthrene-d10	12.51	188	213511	20.00	ng	-0.02
75) Chrysene-d12	15.78	240	233667	20.00	ng	-0.06
86) Perylene-d12	17.49	264	237725	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	214576	60.21	ng	-0.02
7) Phenol-d6	6.54	99	374714	82.49	ng	-0.02
23) Nitrobenzene-d5	7.63	82	210644	49.52	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	158556	126.27	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	531228	66.30	ng	-0.02
78) Terphenyl-d14	14.50	244	659861	66.27	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.66	88	223736	131.97	ng	# 100
9) Benzaldehyde	6.54	77	667	Below Cal	#	49
49) Dimethylphthalate	10.38	163	59096	7.02	ng	99
73) Di-n-butylphthalate	13.28	149	988	Below Cal	#	78
89) Benzo(a)pyrene	17.43	252	5547	Below Cal	#	59
90) Dibenzo(a,h)anthracene	18.80	278	4309	Below Cal	#	42
91) Benzo(g,h,i)perylene	19.15	276	7845	Below Cal	#	74

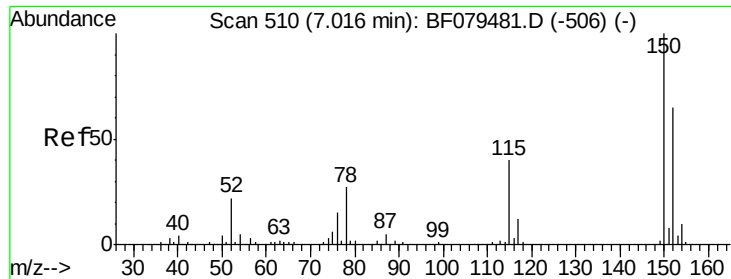
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PENRD8.9(5)

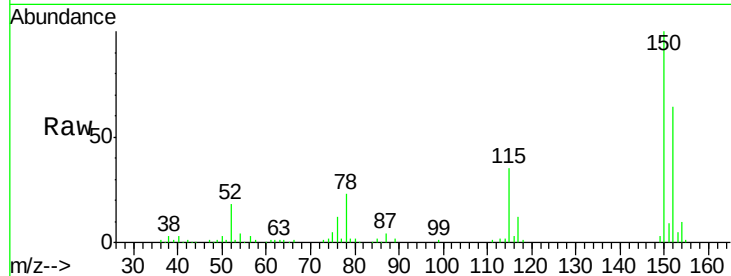
Tgt Ion:152 Resp: 61814

Ion Ratio Lower Upper

152 100

150 156.4 124.0 186.0

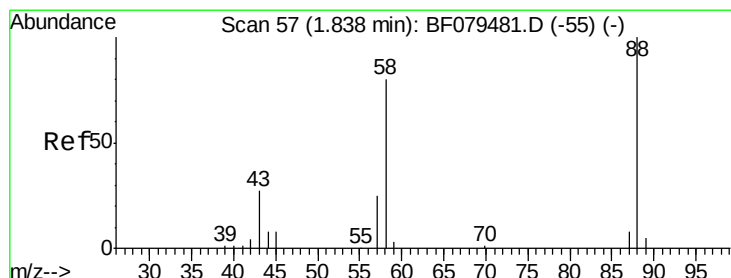
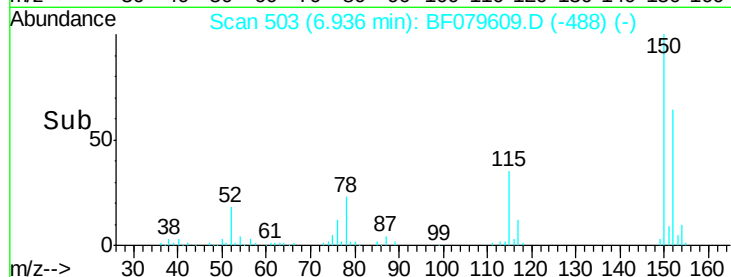
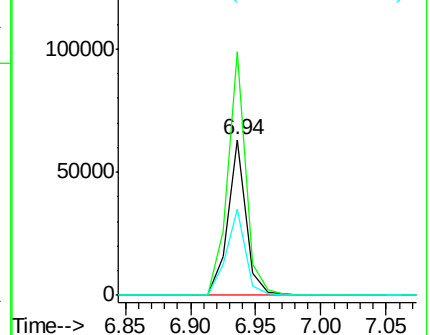
115 55.3 49.6 74.4



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: 131.97 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

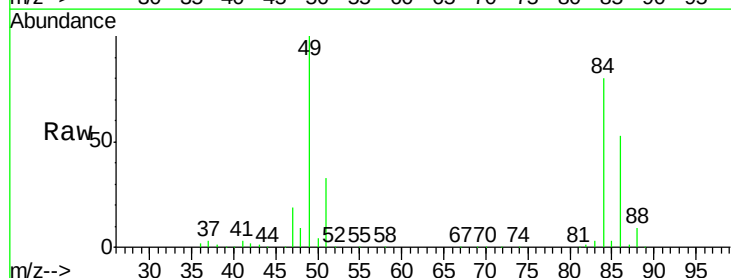
Tgt Ion: 88 Resp: 223736

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

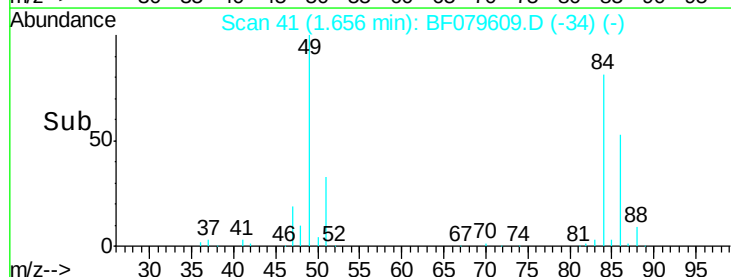
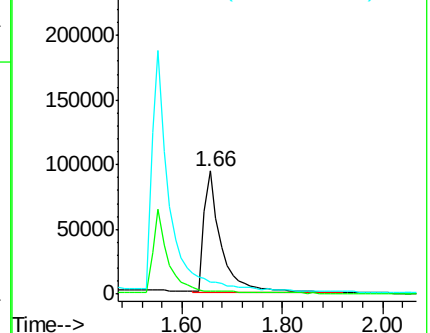
43 0.0 0.0 0.0

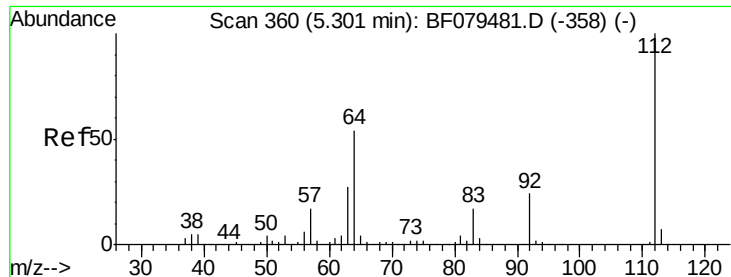


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 60.21 ng

RT: 5.21 min Scan# 352

Delta R.T. -0.02 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PENRD8.9(5)

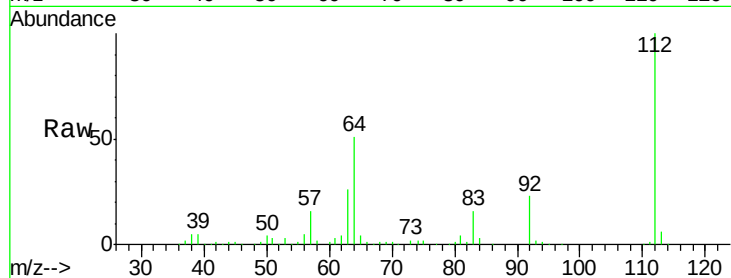
Tgt Ion: 112 Resp: 214576

Ion Ratio Lower Upper

112 100

64 51.5 43.5 65.3

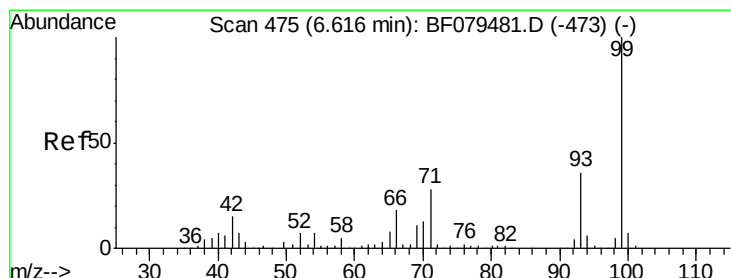
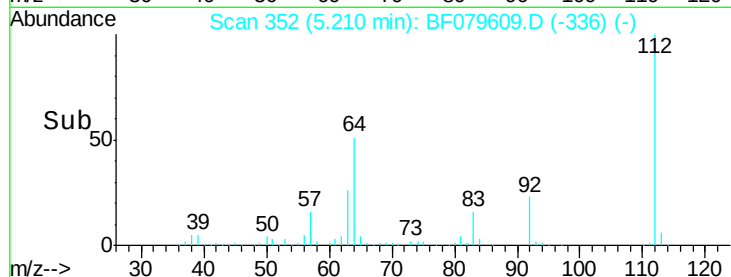
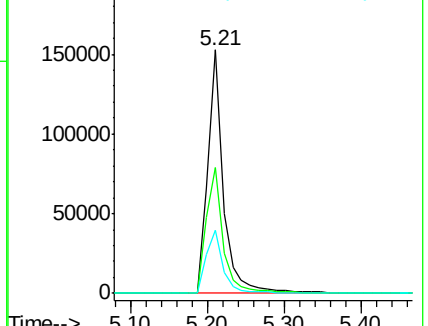
63 25.9 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): BF079481.D (-358) (-)

Ion 64.00 (63.70 to 64.70): BF079481.D (-358) (-)

Ion 63.00 (62.70 to 63.70): BF079481.D (-358) (-)



#7

Phenol-d6

Concen: 82.49 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

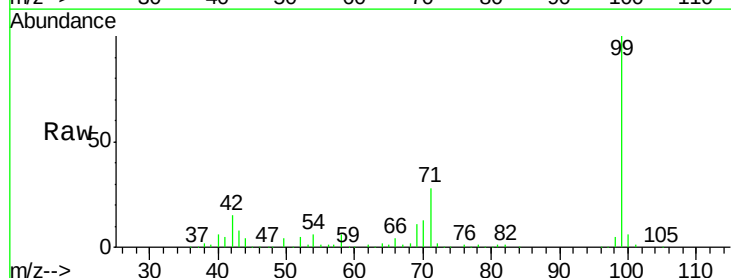
Tgt Ion: 99 Resp: 374714

Ion Ratio Lower Upper

99 100

42 15.3 11.9 17.9

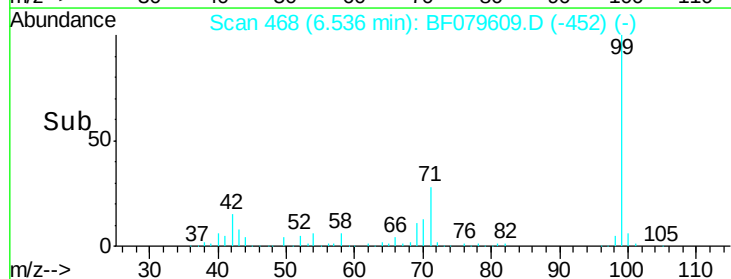
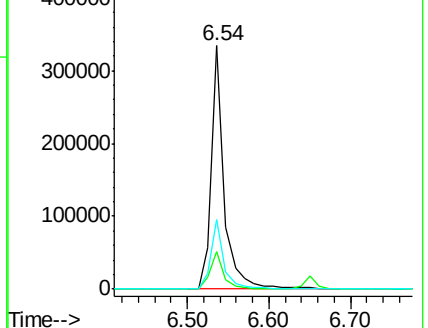
71 28.5 22.1 33.1

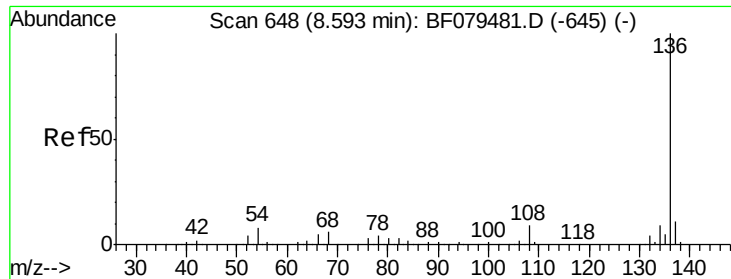


Abundance Ion 99.00 (98.70 to 99.70): BF079481.D (-473) (-)

Ion 42.00 (41.70 to 42.70): BF079481.D (-473) (-)

Ion 71.00 (70.70 to 71.70): BF079481.D (-473) (-)

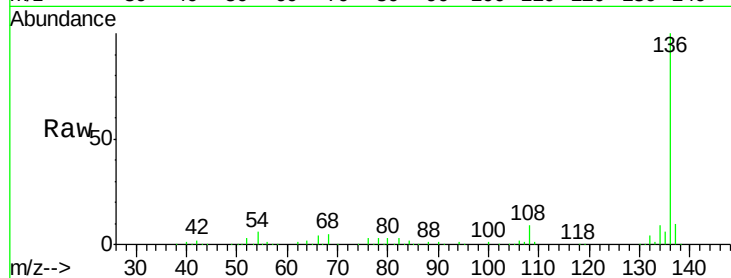




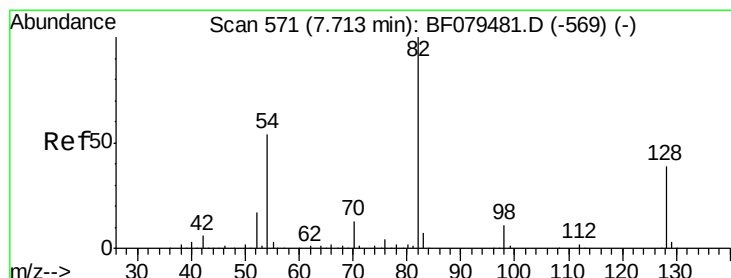
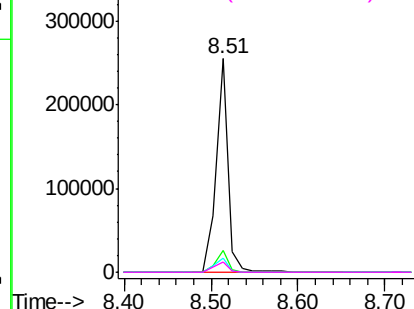
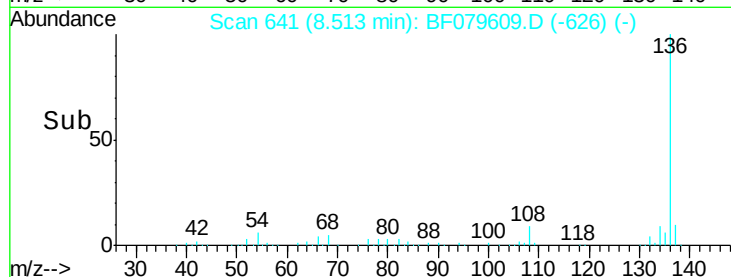
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF079609.D
Acq: 30 May 2015 18:14

Instrument :
BNA_F
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PENRD8.9(5)

Tgt Ion:	136	Resp:	245907
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.5	12.7
54	6.4	6.6	9.8#
68	5.1	4.7	7.1

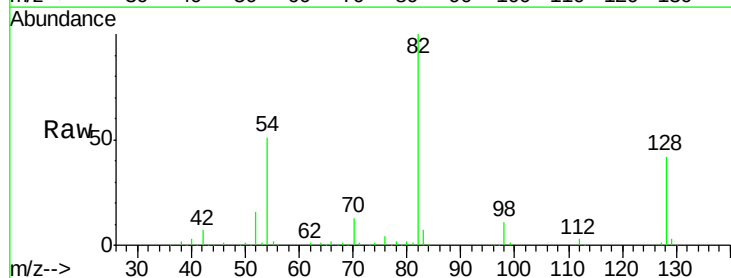


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

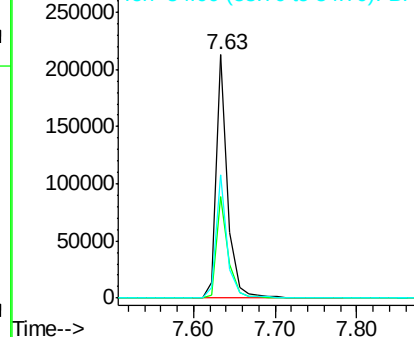
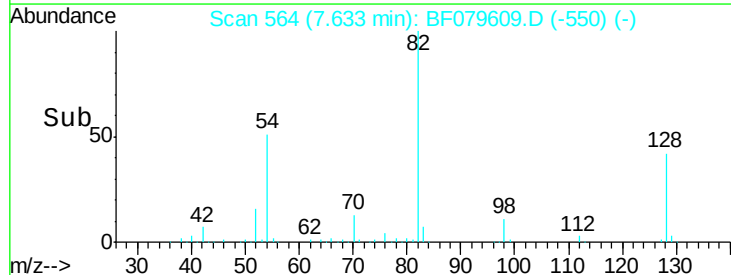


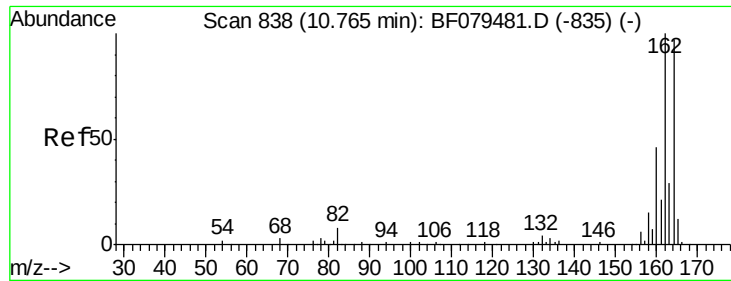
#23
Nitrobenzene-d5
Concen: 49.52 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF079609.D
Acq: 30 May 2015 18:14

Tgt Ion:	82	Resp:	210644
Ion Ratio	Lower	Upper	
82	100		
128	41.6	30.8	46.2
54	50.8	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

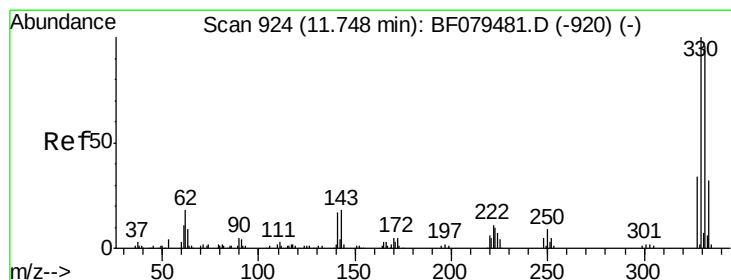
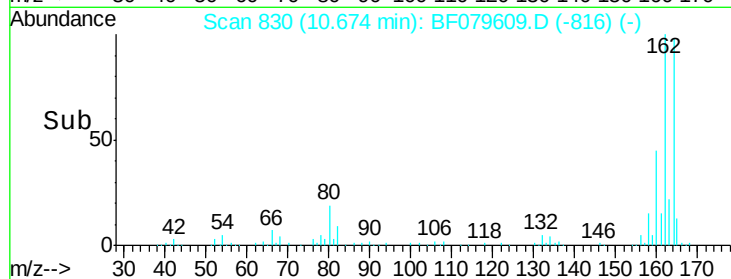
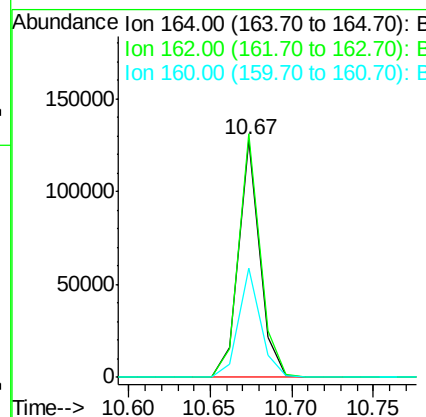
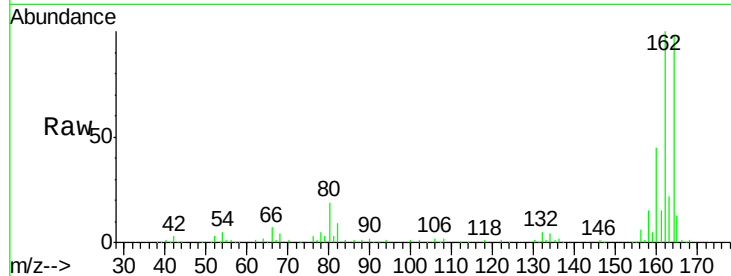




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF079609.D
 Acq: 30 May 2015 18:14

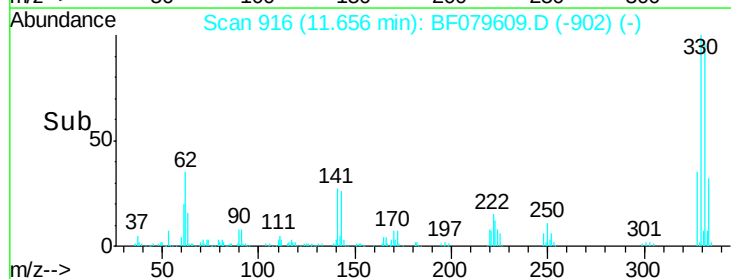
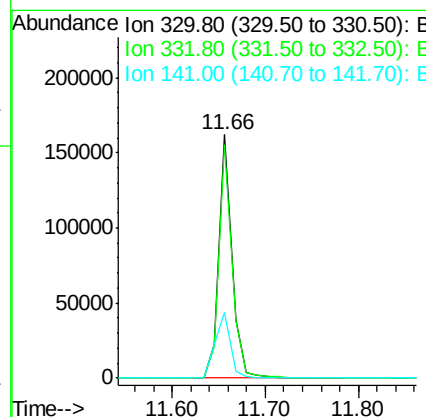
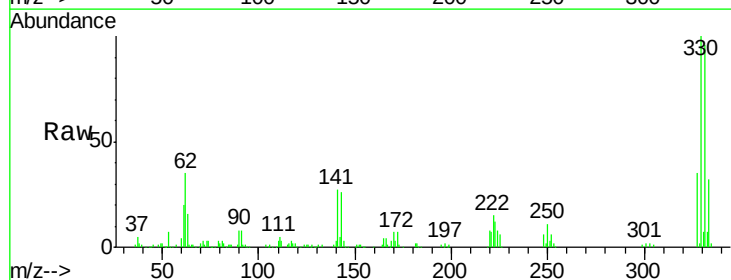
Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.9(5)

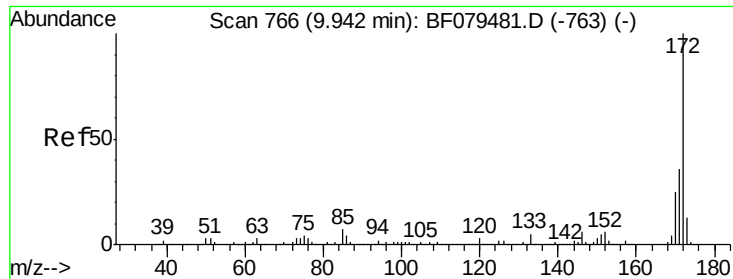
Tgt Ion:164 Resp: 114319
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.6 124.0
 160 45.8 37.7 56.5



#41
 2,4,6-Tribromophenol
 Concen: 126.27 ng
 RT: 11.66 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF079609.D
 Acq: 30 May 2015 18:14

Tgt Ion:330 Resp: 158556
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 31.9 0.0 0.0#

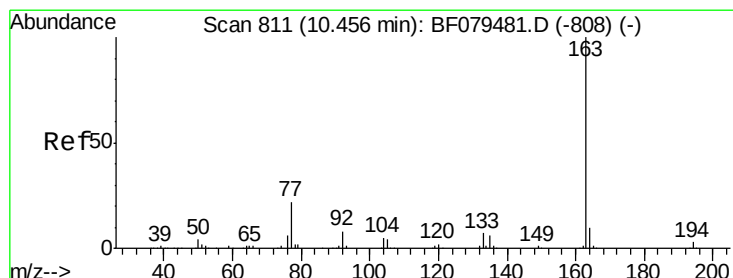
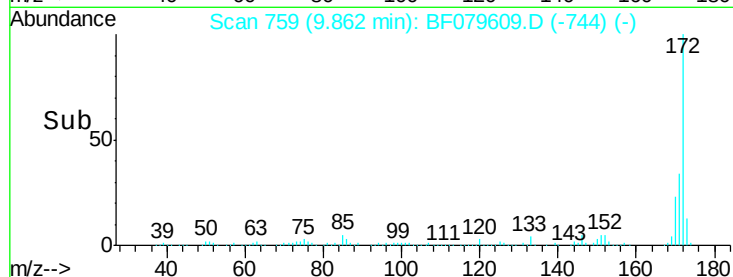
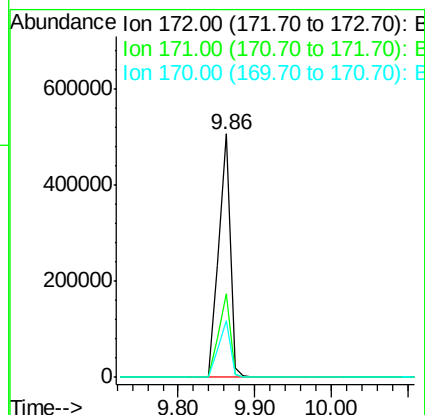
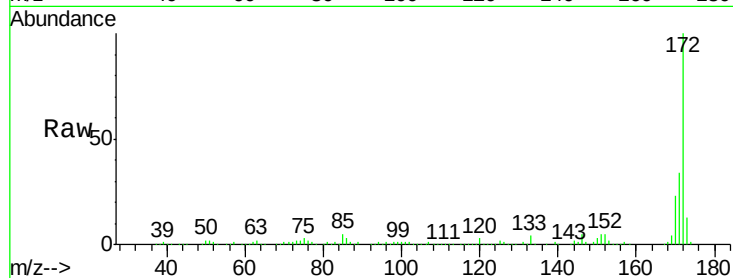




#44
2-Fluorobiphenyl
Concen: 66.30 ng
RT: 9.86 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF079609.D
Acq: 30 May 2015 18:14

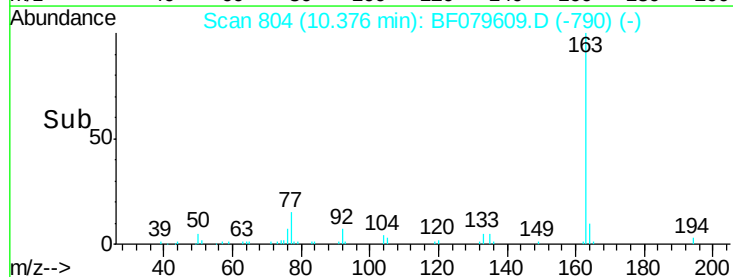
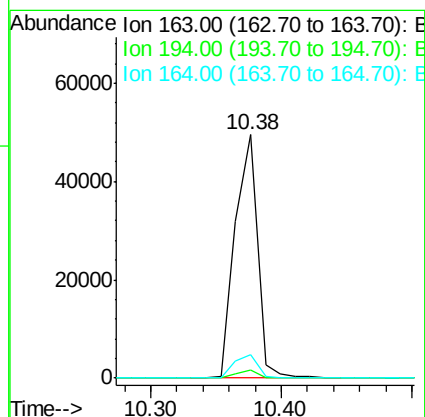
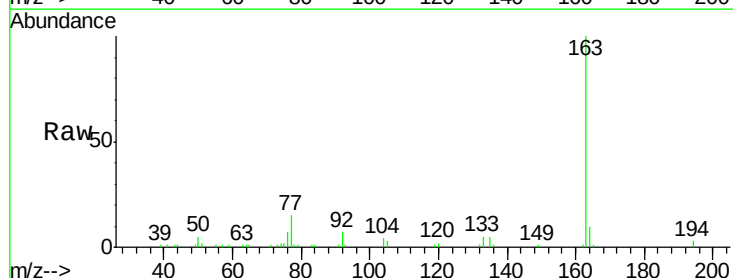
Instrument :
BNA_F
ClientSampleId :
PENRD8.9(5)

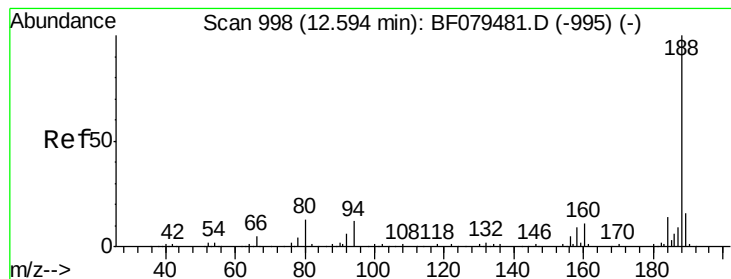
Tgt Ion:172 Resp: 531228
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 23.5 19.7 29.5



#49
Dimethylphthalate
Concen: 7.02 ng
RT: 10.38 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF079609.D
Acq: 30 May 2015 18:14

Tgt Ion:163 Resp: 59096
Ion Ratio Lower Upper
163 100
194 3.2 2.4 3.6
164 9.7 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.51 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PENRD8.9(5)

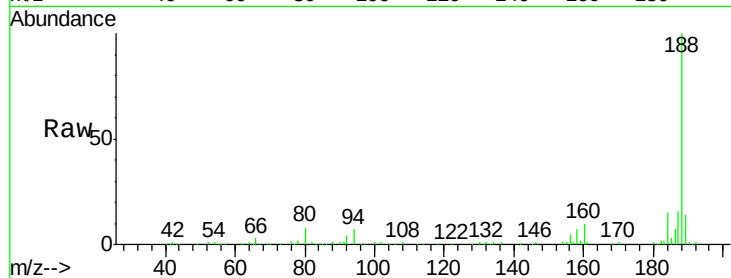
Tgt Ion:188 Resp: 213511

Ion Ratio Lower Upper

188 100

94 7.4 9.8 14.6#

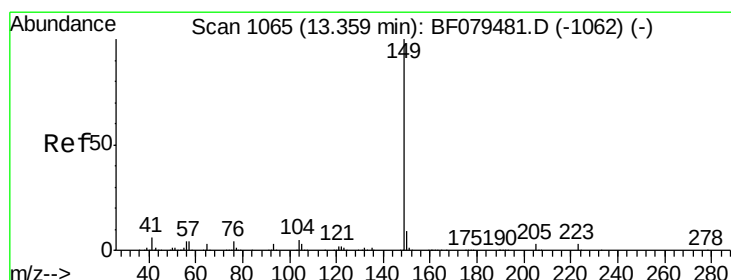
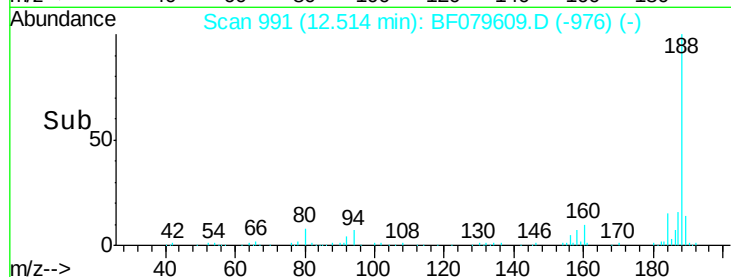
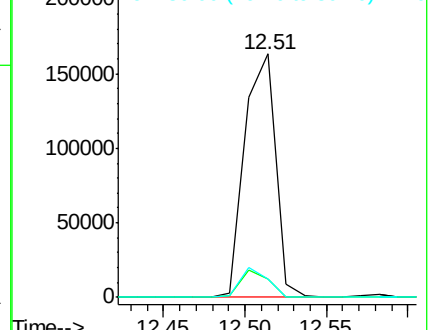
80 7.5 10.5 15.7#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 13.28 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

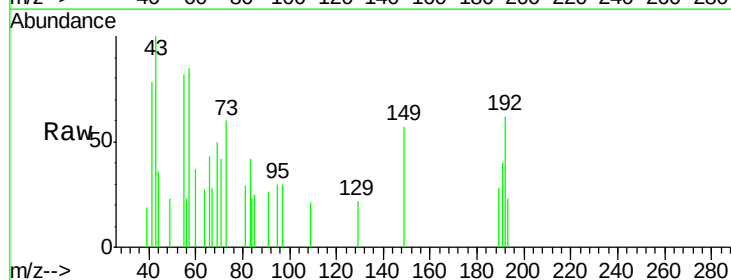
Tgt Ion:149 Resp: 988

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

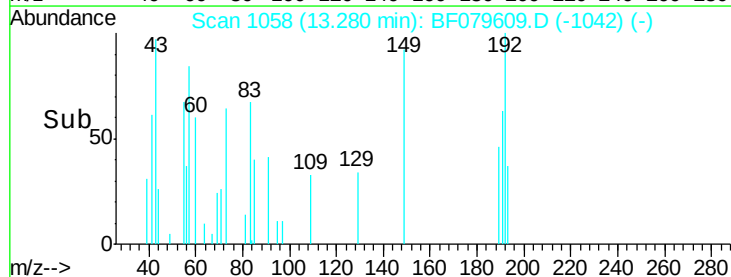
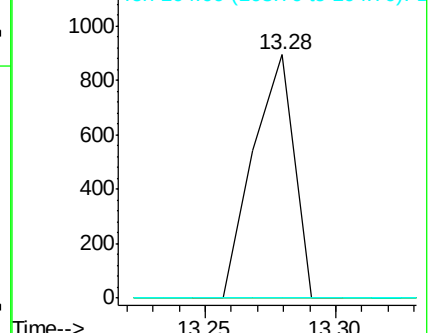
104 0.0 3.6 5.4#

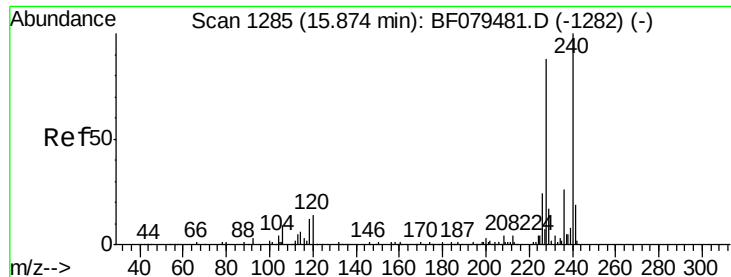


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

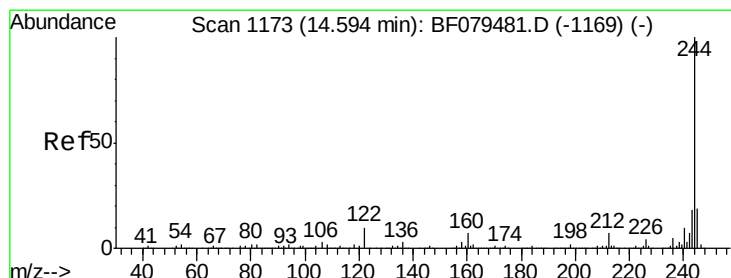
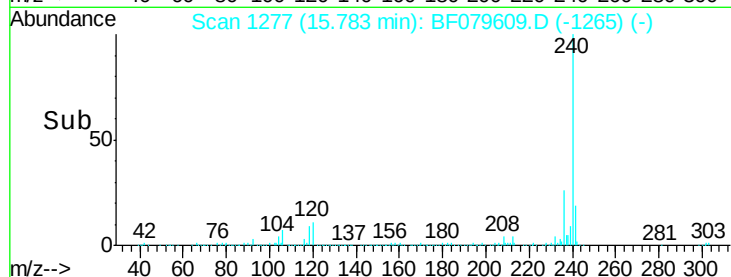
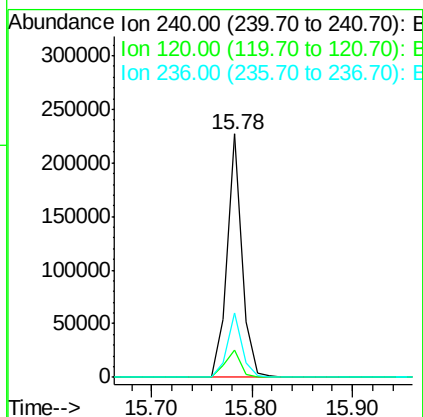
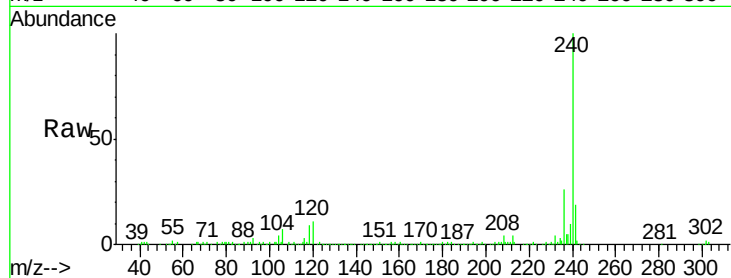




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.78 min Scan# 1277
 Delta R.T. -0.06 min
 Lab File: BF079609.D
 Acq: 30 May 2015 18:14

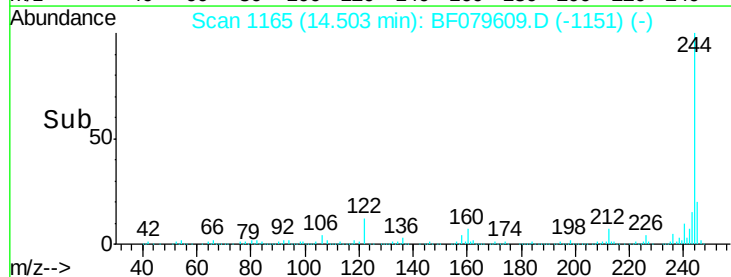
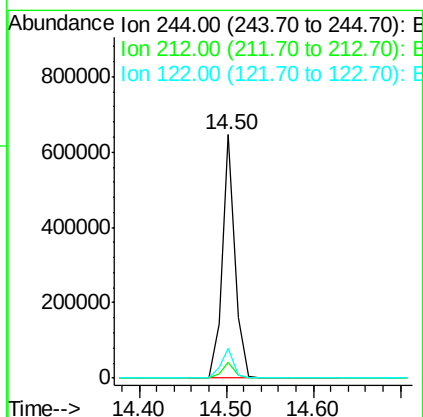
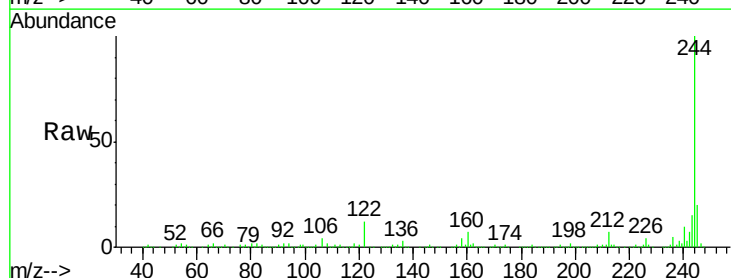
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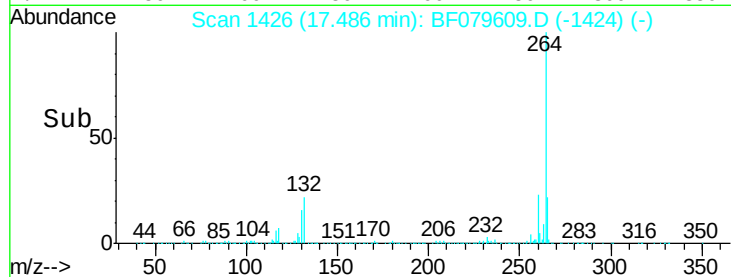
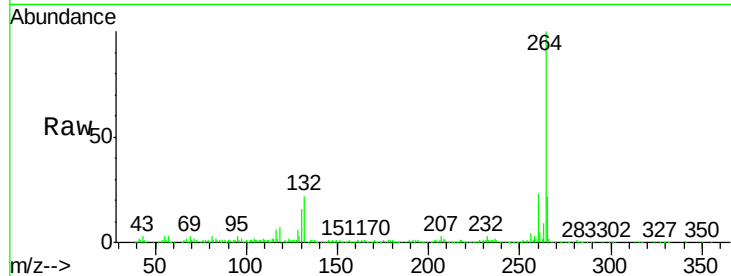
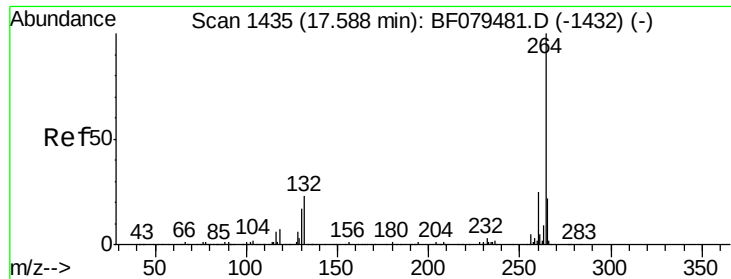
Tgt Ion:240 Resp: 233667
 Ion Ratio Lower Upper
 240 100
 120 11.2 10.8 16.2
 236 26.3 21.0 31.6



#78
 Terphenyl-d14
 Concen: 66.27 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. -0.03 min
 Lab File: BF079609.D
 Acq: 30 May 2015 18:14

Tgt Ion:244 Resp: 659861
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 12.1 8.0 12.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 17.49 min Scan# 1426

Delta R.T. -0.18 min

Lab File: BF079609.D

Acq: 30 May 2015 18:14

Instrument :

BNA_F

ClientSampleId :

PENRD8.9(5)

Tgt Ion: 264 Resp: 237725

Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.8

265 22.1 17.8 26.6

