

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079610.D
 Acq On : 30 May 2015 18:43
 Operator : TP/IZ
 Sample : G2420-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.10(5)

Quant Time: May 31 05:48:45 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

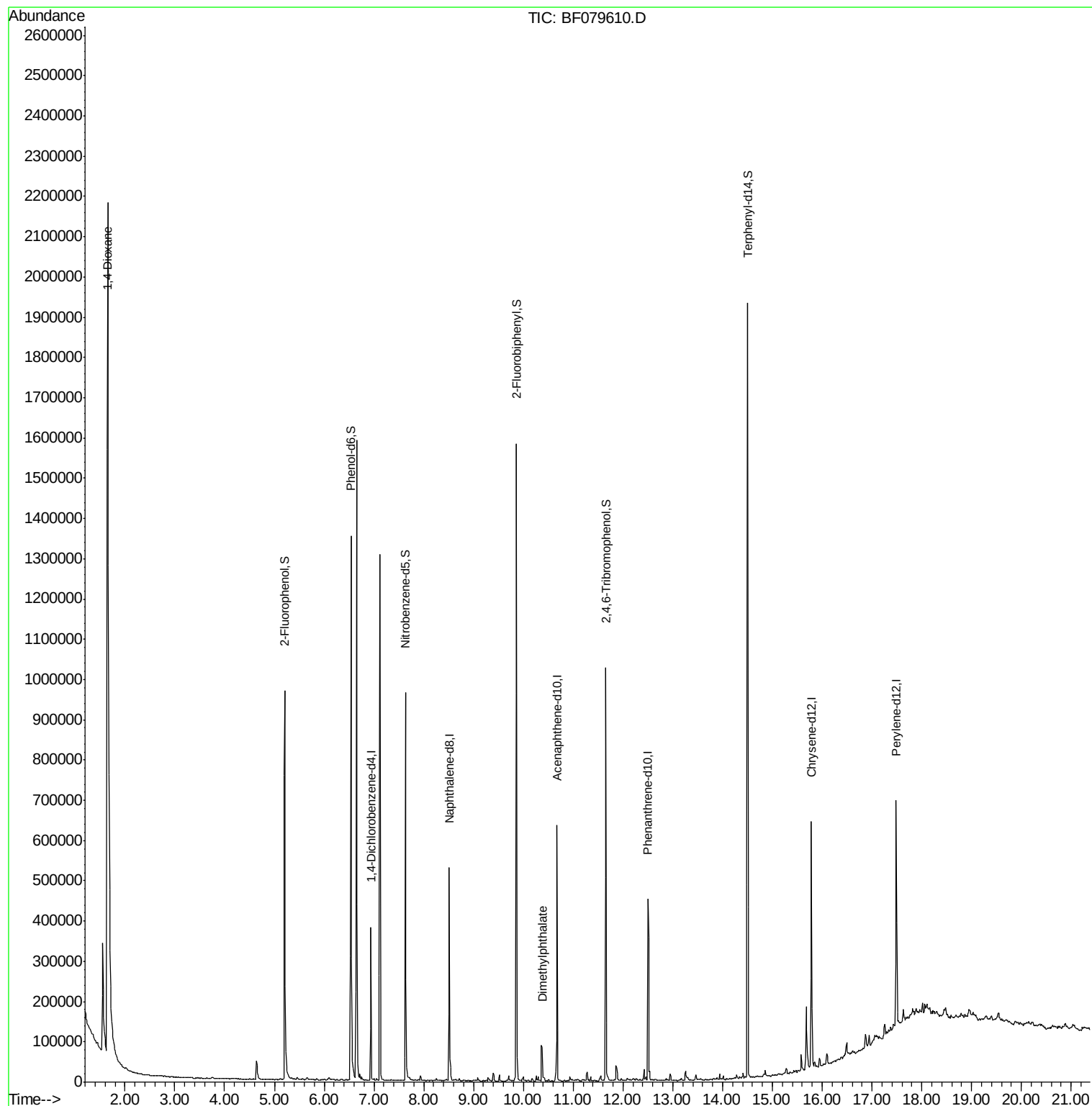
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	66759	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	268387	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	128715	20.00	ng	-0.03
63) Phenanthrene-d10	12.50	188	231481	20.00	ng	-0.03
75) Chrysene-d12	15.78	240	253889	20.00	ng	-0.06
86) Perylene-d12	17.49	264	258474	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	444088	115.38	ng	-0.02
7) Phenol-d6	6.54	99	575309	117.27	ng	-0.02
23) Nitrobenzene-d5	7.63	82	322322	69.42	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	158342	112.00	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	639255	70.85	ng	-0.02
78) Terphenyl-d14	14.50	244	690911	63.86	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	1.66	88	118065	64.48	ng	# 100
9) Benzaldehyde	6.54	77	583	Below Cal		# 41
49) Dimethylphthalate	10.38	163	57985	6.11	ng	97
73) Di-n-butylphthalate	13.27	149	1140	Below Cal		# 78
89) Benzo(a)pyrene	17.43	252	3825	Below Cal		# 46
90) Dibenzo(a,h)anthracene	18.79	278	3784	Below Cal		# 44
91) Benzo(g,h,i)perylene	19.14	276	4315	Below Cal		# 66

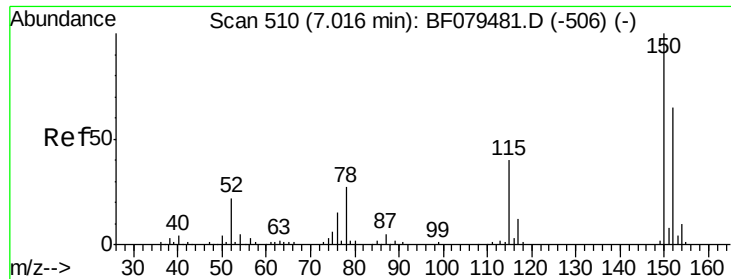
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF079610.D

Acq: 30 May 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PENRD8.10(5)

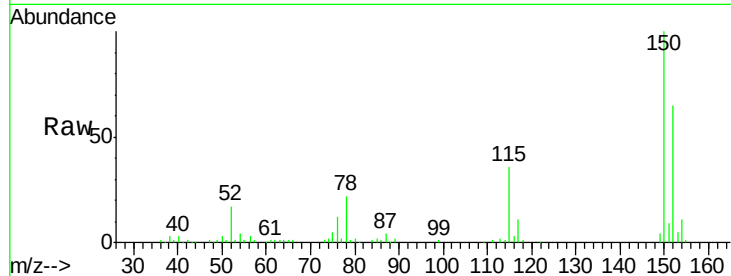
Tgt Ion:152 Resp: 66759

Ion Ratio Lower Upper

152 100

150 154.9 124.0 186.0

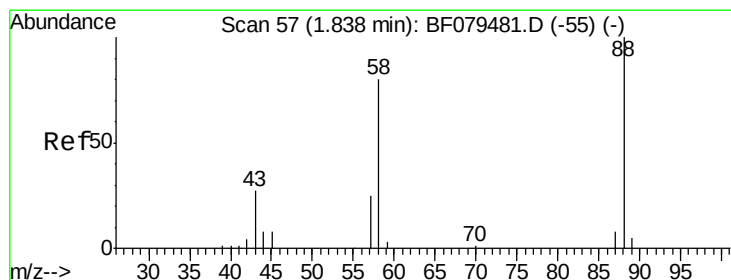
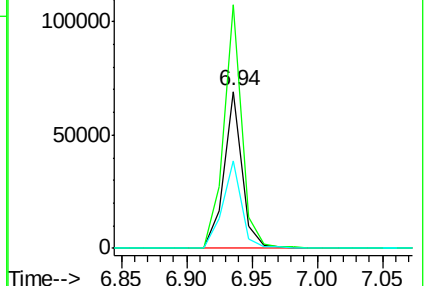
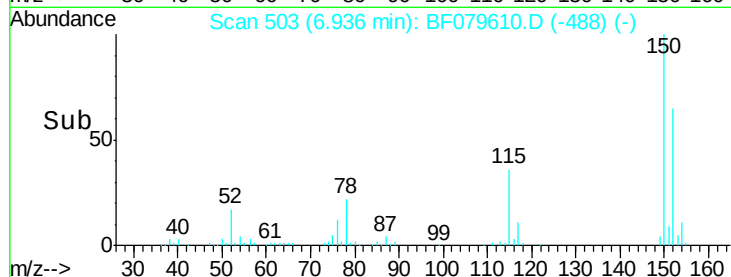
115 55.9 49.6 74.4



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



#2

1,4-Dioxane

Concen: 64.48 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079610.D

Acq: 30 May 2015 18:43

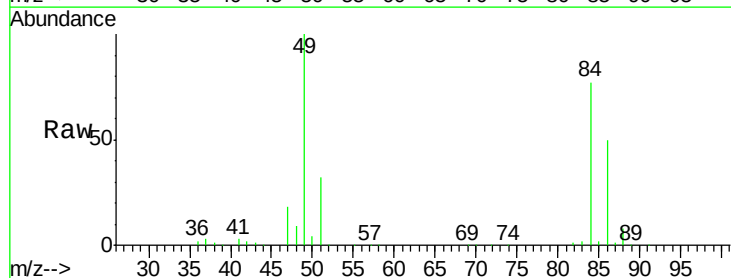
Tgt Ion: 88 Resp: 118065

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

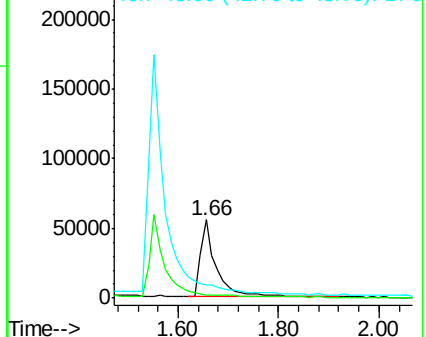
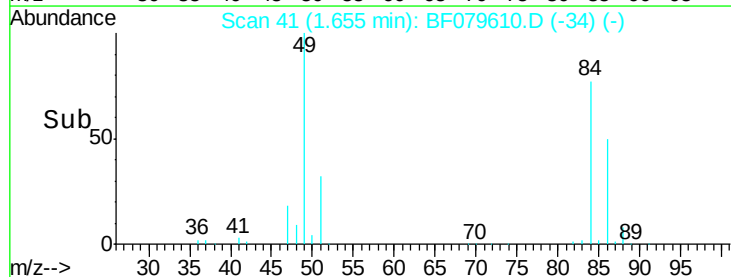
43 0.0 0.0 0.0

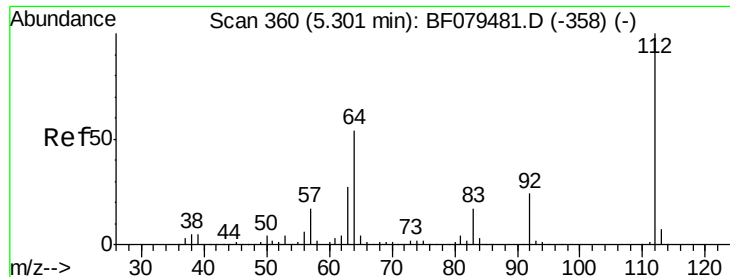


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 115.38 ng

RT: 5.21 min Scan# 352

Delta R.T. -0.02 min

Lab File: BF079610.D

Acq: 30 May 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PENRD8.10(5)

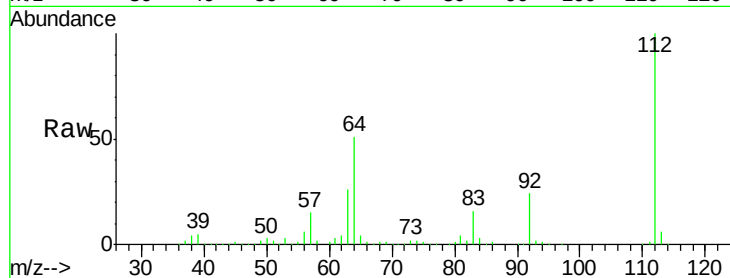
Tgt Ion: 112 Resp: 444088

Ion Ratio Lower Upper

112 100

64 51.3 43.5 65.3

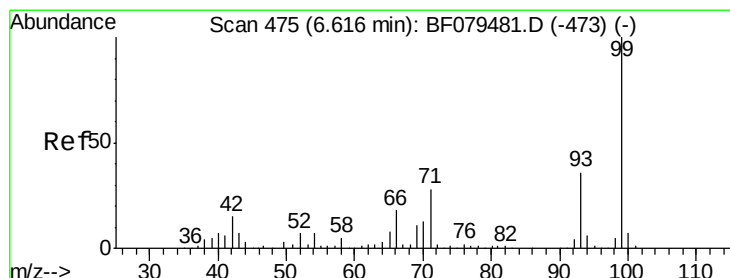
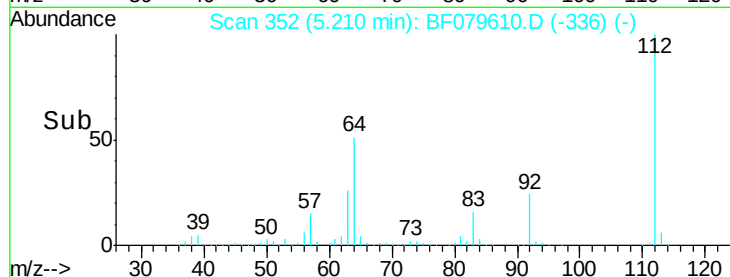
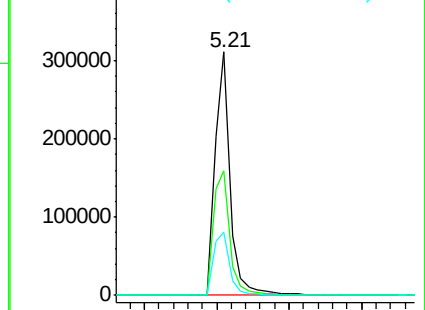
63 26.0 21.8 32.8



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: 117.27 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079610.D

Acq: 30 May 2015 18:43

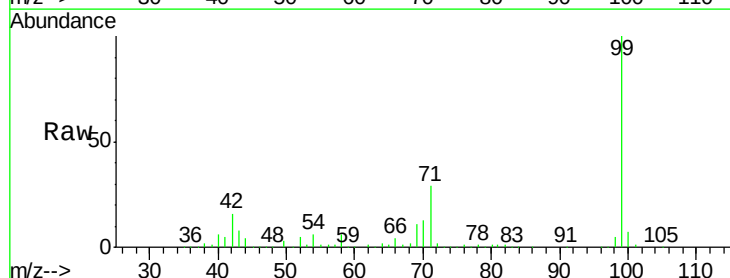
Tgt Ion: 99 Resp: 575309

Ion Ratio Lower Upper

99 100

42 15.5 11.9 17.9

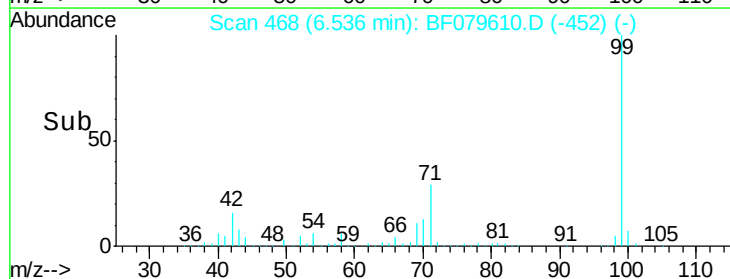
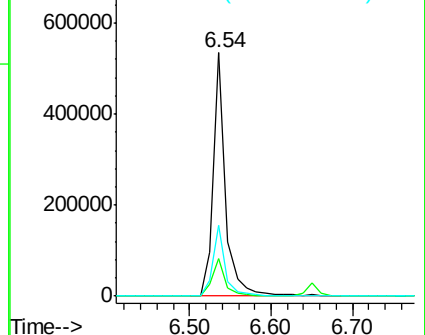
71 29.2 22.1 33.1

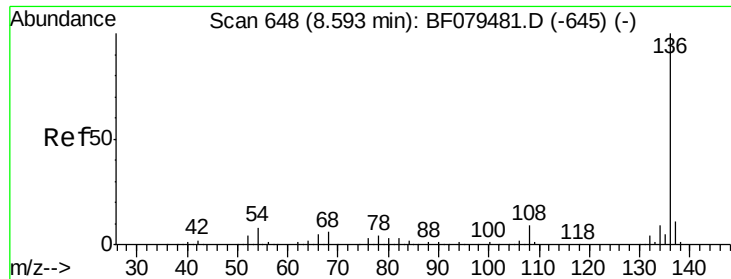


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

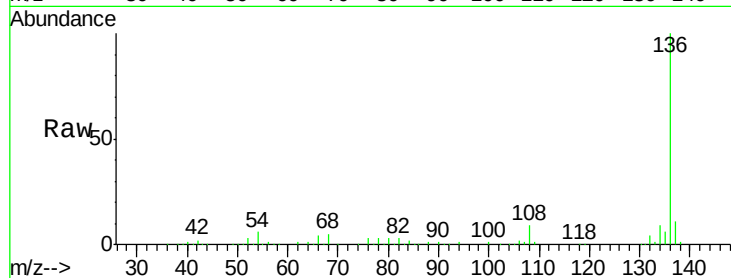




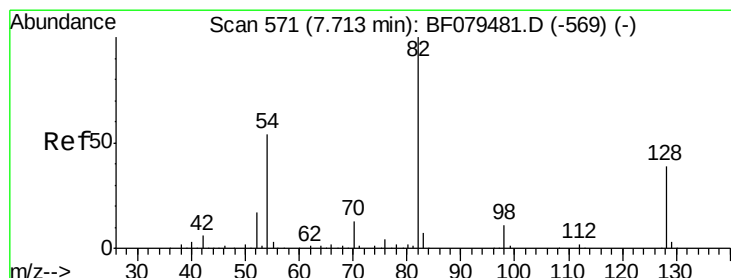
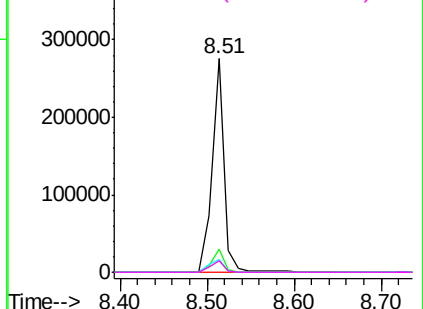
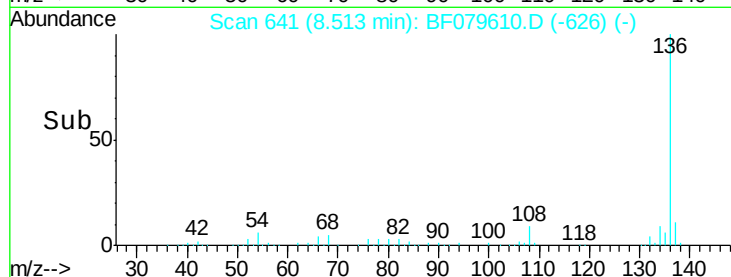
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF079610.D
Acq: 30 May 2015 18:43

Instrument :
BNA_F
ClientSampleId :
PENRD8.10(5)

Tgt Ion:	136	Resp:	268387
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.3	6.6	9.8#
68	5.2	4.7	7.1

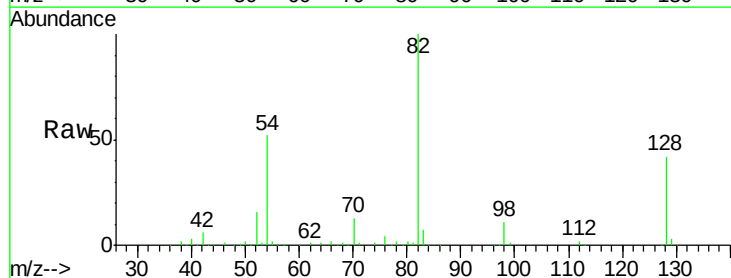


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

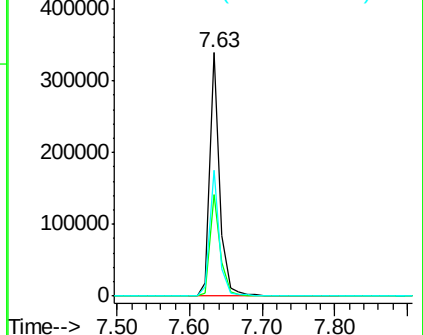
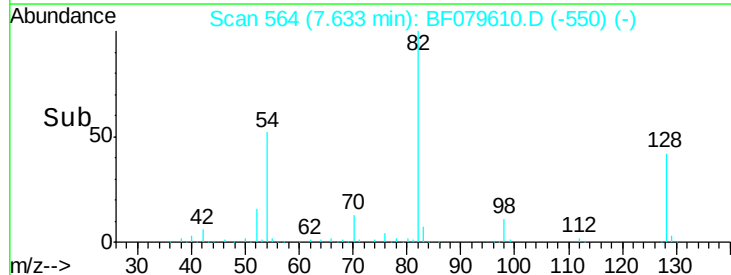


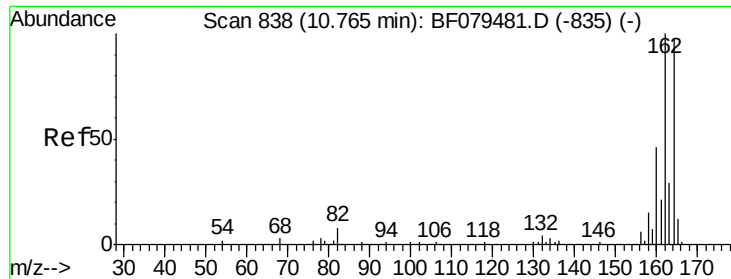
#23
Nitrobenzene-d5
Concen: 69.42 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF079610.D
Acq: 30 May 2015 18:43

Tgt Ion:	82	Resp:	322322
Ion	Ratio	Lower	Upper
82	100		
128	41.6	30.8	46.2
54	51.6	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

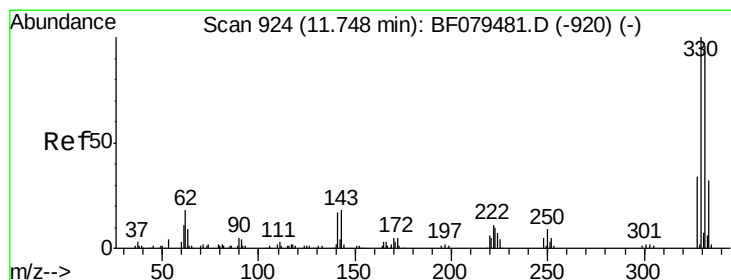
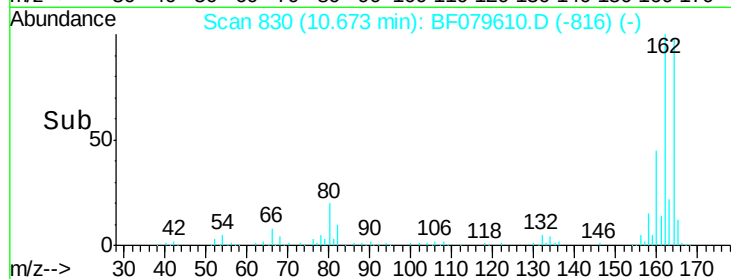
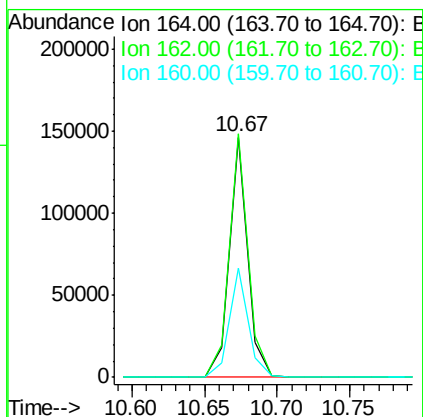
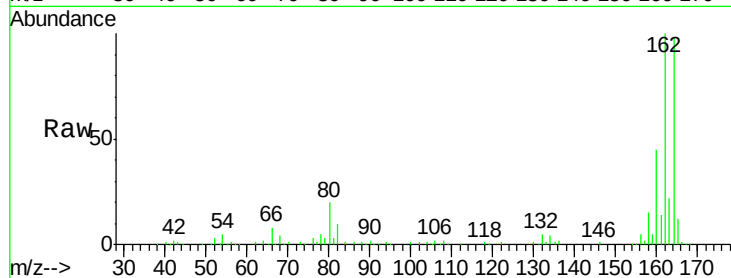




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF079610.D
 Acq: 30 May 2015 18:43

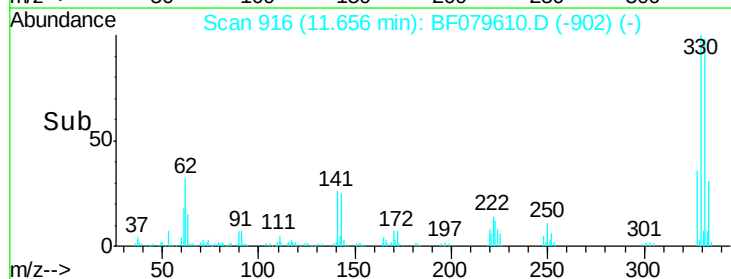
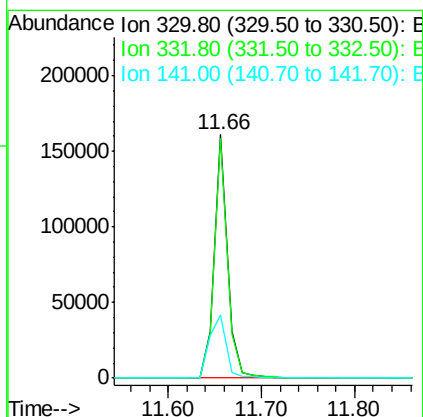
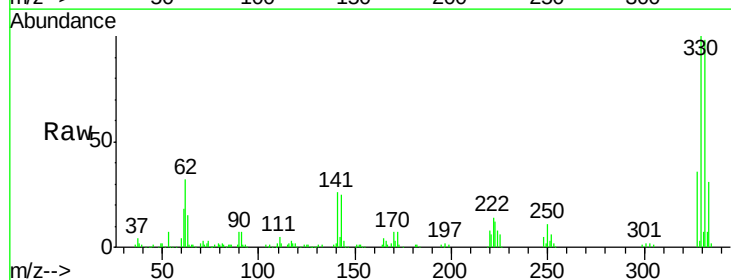
Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.10(5)

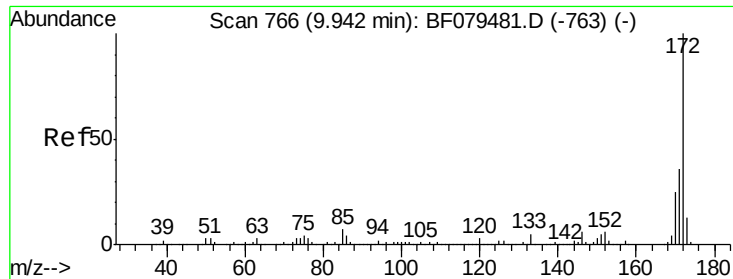
Tgt Ion:164 Resp: 128715
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 124.0
 160 45.6 37.7 56.5



#41
 2,4,6-Tribromophenol
 Concen: 112.00 ng
 RT: 11.66 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF079610.D
 Acq: 30 May 2015 18:43

Tgt Ion:330 Resp: 158342
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 33.2 0.0 0.0#

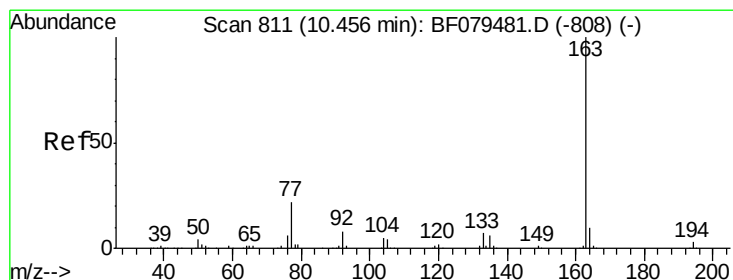
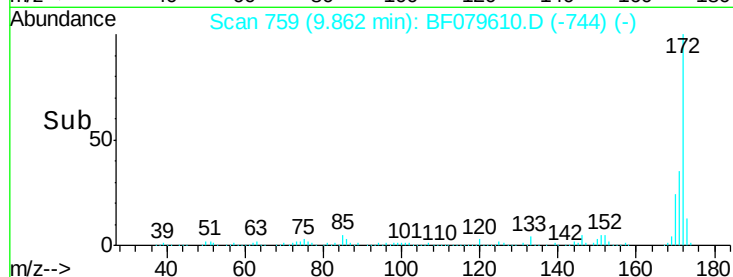
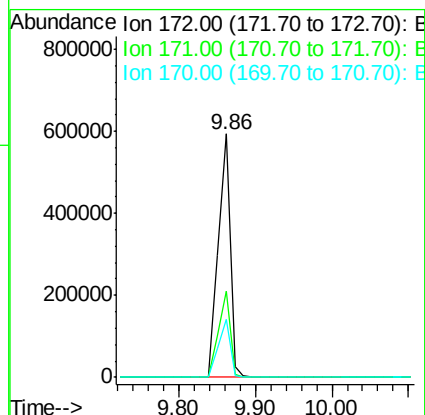
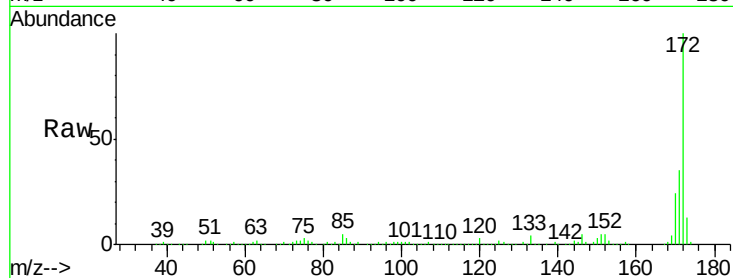




#44
 2-Fluorobiphenyl
 Concen: 70.85 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079610.D
 Acq: 30 May 2015 18:43

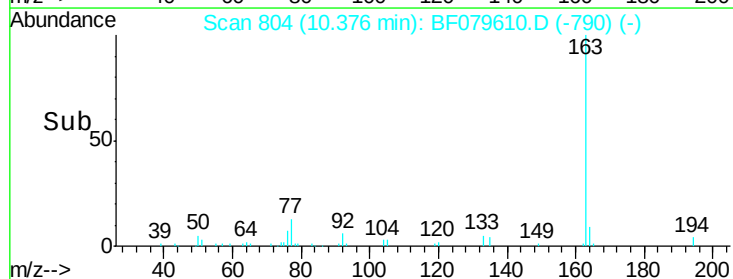
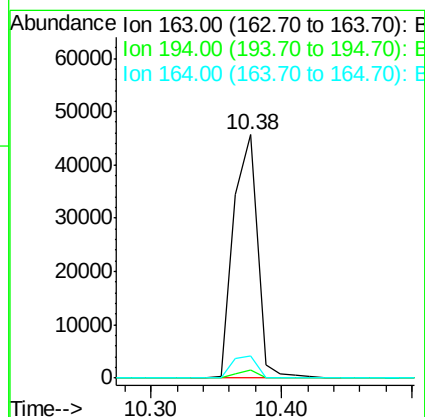
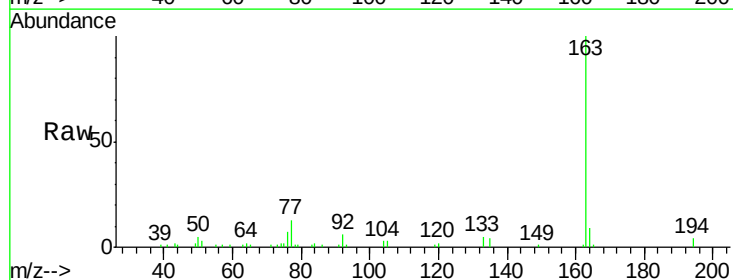
Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.10(5)

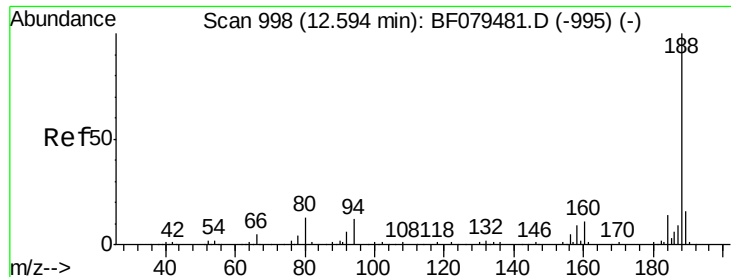
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.9	19.7	29.5



#49
 Dimethylphthalate
 Concen: 6.11 ng
 RT: 10.38 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF079610.D
 Acq: 30 May 2015 18:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.4	3.6
164	9.3	8.2	12.4

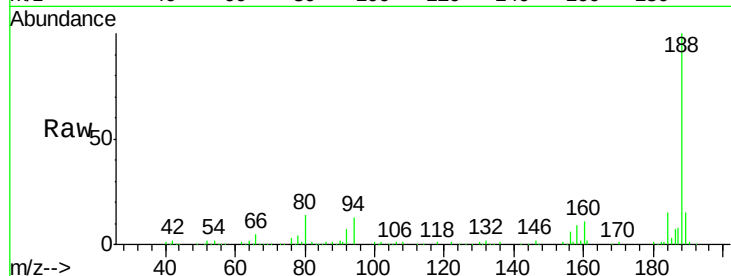




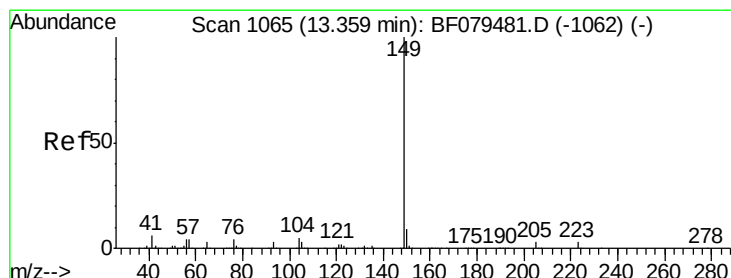
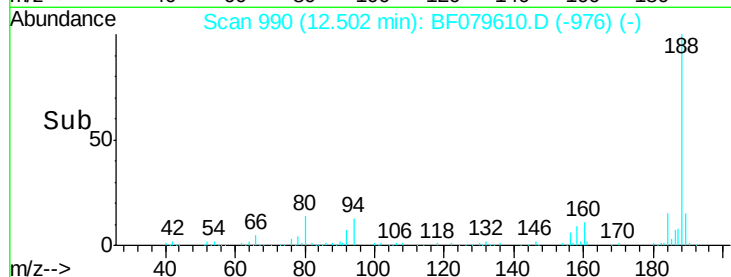
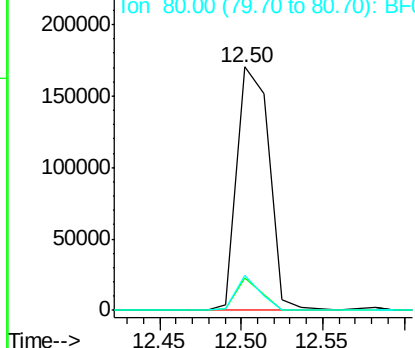
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.50 min Scan# 990
 Delta R.T. -0.03 min
 Lab File: BF079610.D
 Acq: 30 May 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.10(5)

Tgt Ion:188 Resp: 231481
 Ion Ratio Lower Upper
 188 100
 94 13.1 9.8 14.6
 80 14.4 10.5 15.7

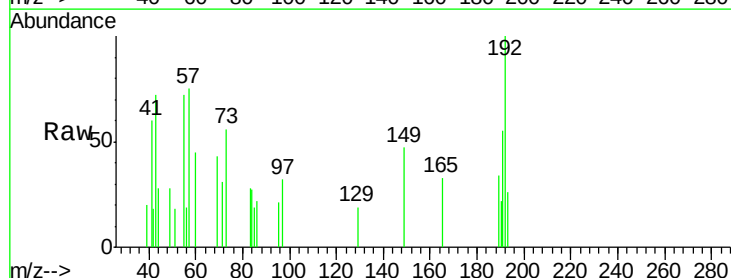


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

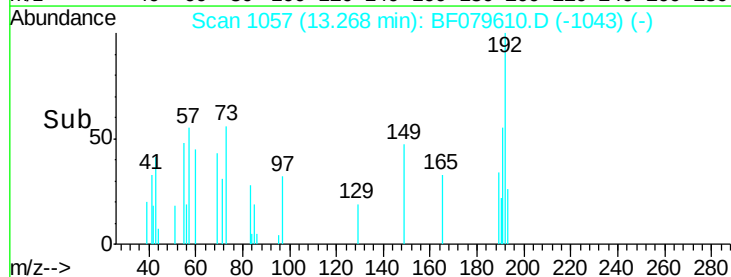
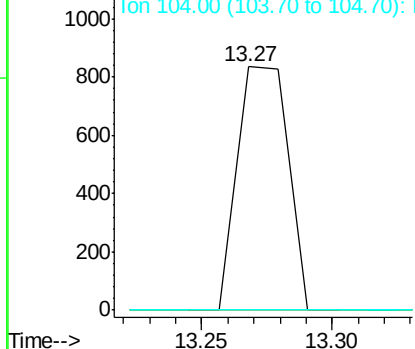


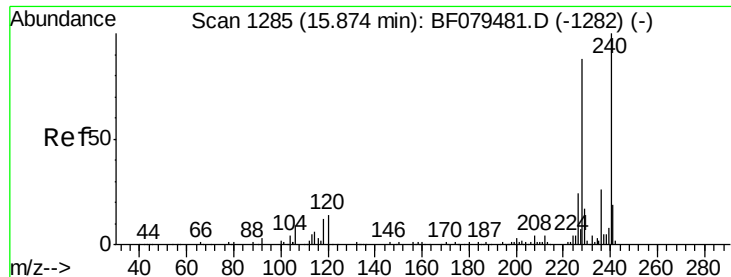
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 13.27 min Scan# 1057
 Delta R.T. -0.03 min
 Lab File: BF079610.D
 Acq: 30 May 2015 18:43

Tgt Ion:149 Resp: 1140
 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: BF079610.D

Acq: 30 May 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PENRD8.10(5)

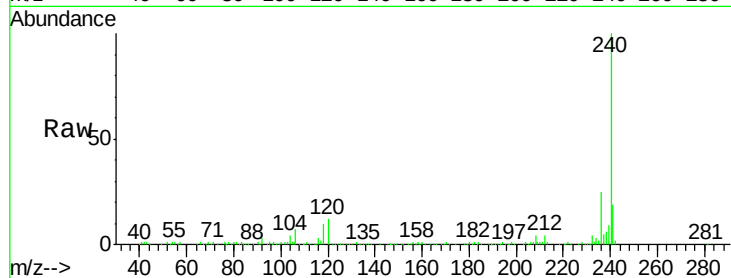
Tgt Ion:240 Resp: 253889

Ion Ratio Lower Upper

240 100

120 11.6 10.8 16.2

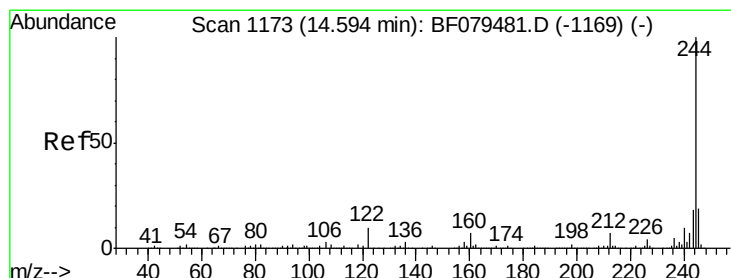
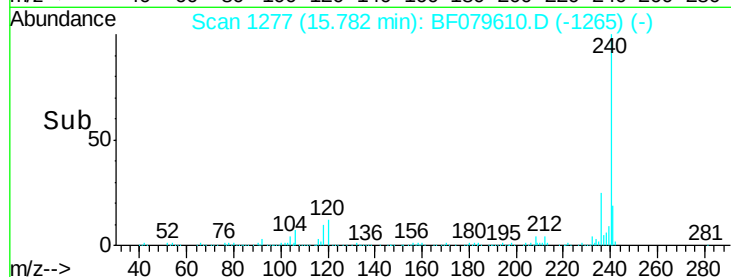
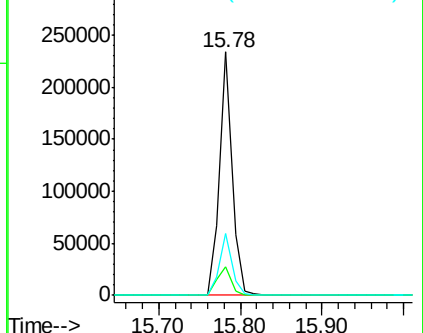
236 25.5 21.0 31.6



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: 63.86 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.03 min

Lab File: BF079610.D

Acq: 30 May 2015 18:43

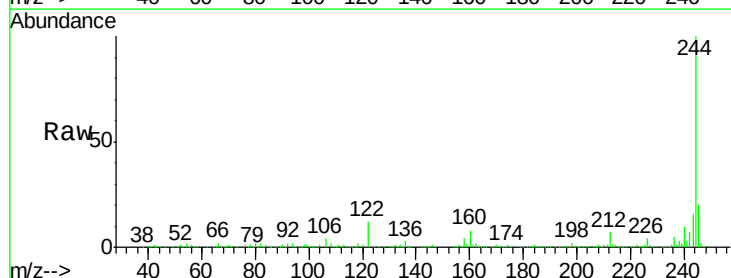
Tgt Ion:244 Resp: 690911

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

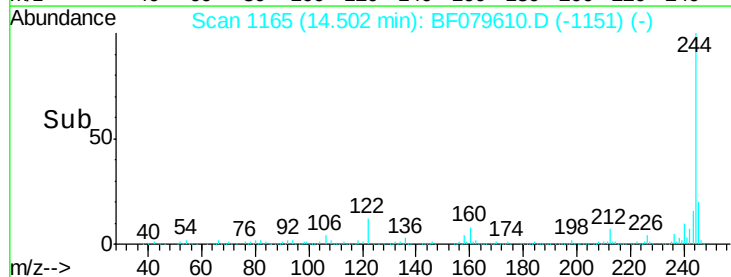
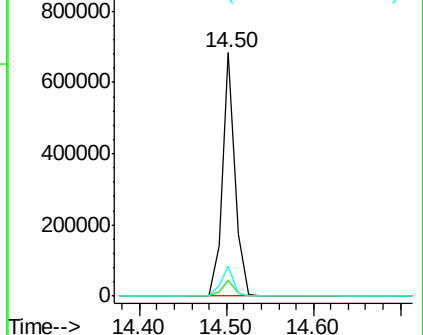
122 12.5 8.0 12.0#

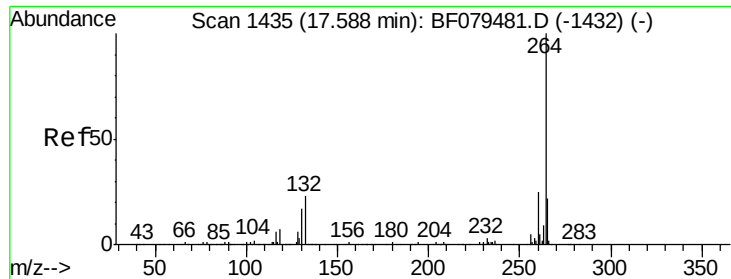


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.49 min Scan# 1426
Delta R.T. -0.18 min
Lab File: BF079610.D
Acq: 30 May 2015 18:43

Instrument :
BNA_F
ClientSampleId :
PENRD8.10(5)

Tgt Ion: 264 Resp: 258474
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.8
265 21.7 17.8 26.6

