

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079617.D
 Acq On : 30 May 2015 22:06
 Operator : TP/IZ
 Sample : G2420-28 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.14(5)

Quant Time: May 31 05:50:36 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

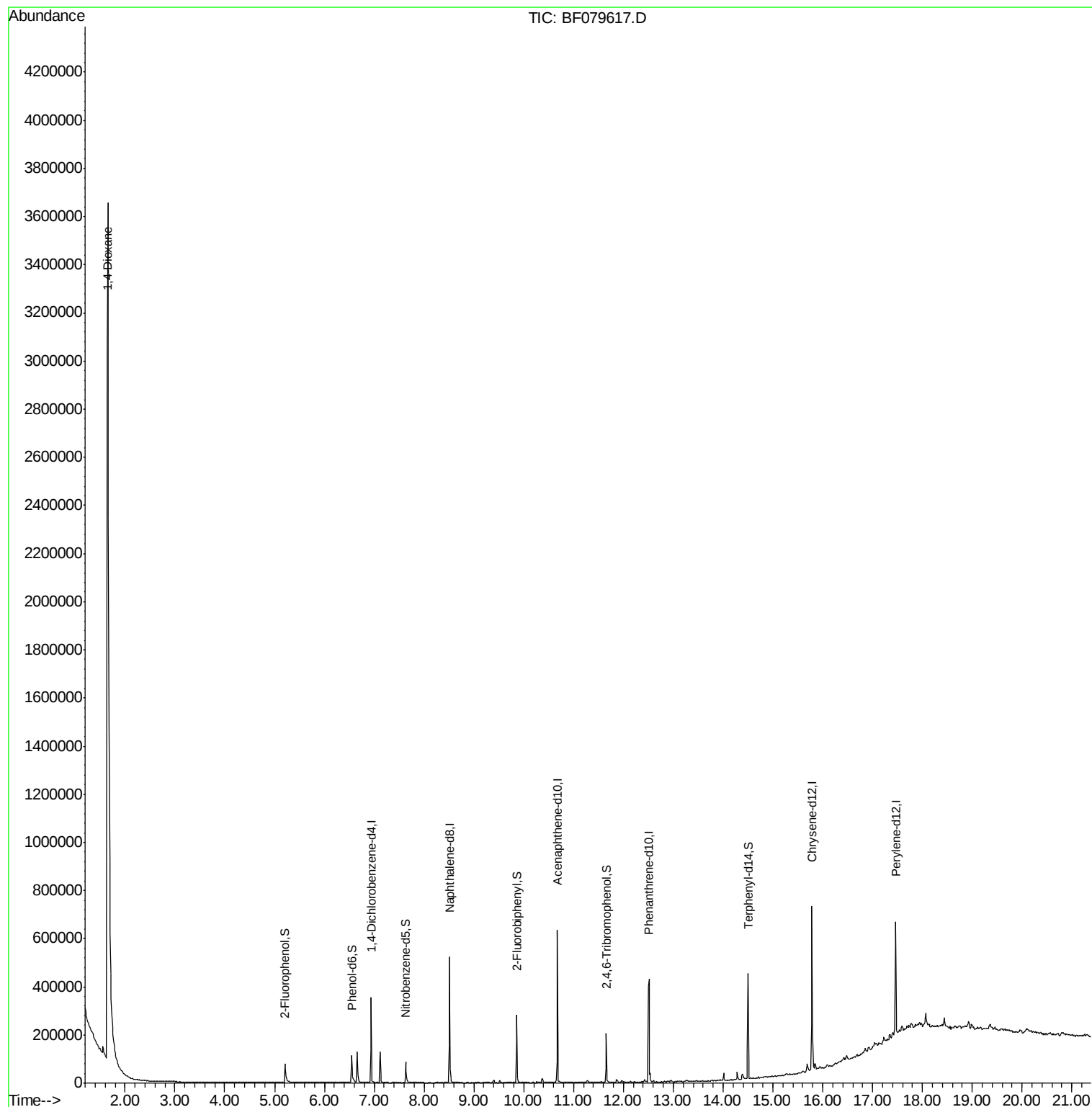
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	65278	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	265918	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	130653	20.00	ng	-0.03
63) Phenanthrene-d10	12.51	188	241333	20.00	ng	-0.02
75) Chrysene-d12	15.78	240	255684	20.00	ng	-0.06
86) Perylene-d12	17.46	264	256503	20.00	ng	-0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	44903	11.93	ng	-0.02
7) Phenol-d6	6.55	99	80243	16.73	ng	-0.01
23) Nitrobenzene-d5	7.63	82	40055	8.71	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	29274	20.40	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	117686	12.85	ng	-0.02
78) Terphenyl-d14	14.50	244	149965	13.76	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.66	88	228945	127.88	ng	# 100
73) Di-n-butylphthalate	13.28	149	527	Below Cal	#	78
89) Benzo(a)pyrene	17.41	252	5773	Below Cal	#	57
90) Dibenzo(a,h)anthracene	18.82	278	380	Below Cal	#	1
91) Benzo(g,h,i)perylene	19.25	276	477	Below Cal	#	1

(#) = 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: BF079617.D

Acq: 30 May 2015 22:06

Instrument :

BNA_F

ClientSampleId :

PENRD8.14(5)

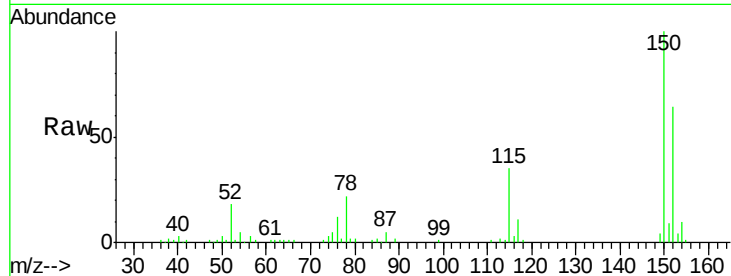
Tgt Ion:152 Resp: 65278

Ion Ratio Lower Upper

152 100

150 156.0 124.0 186.0

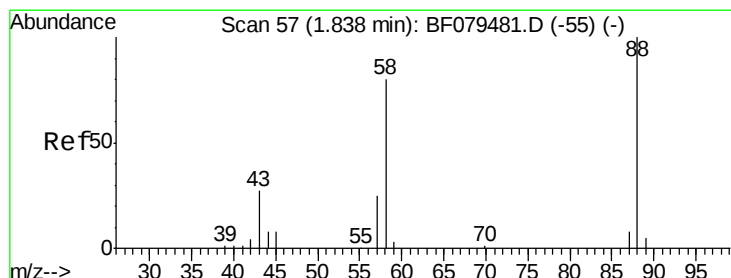
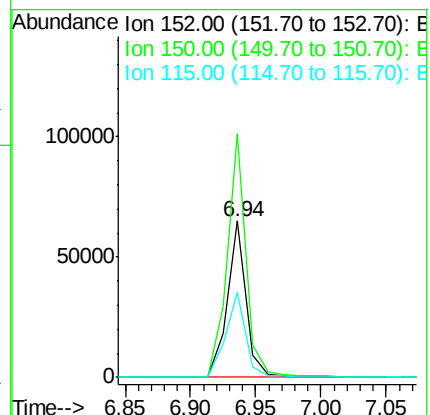
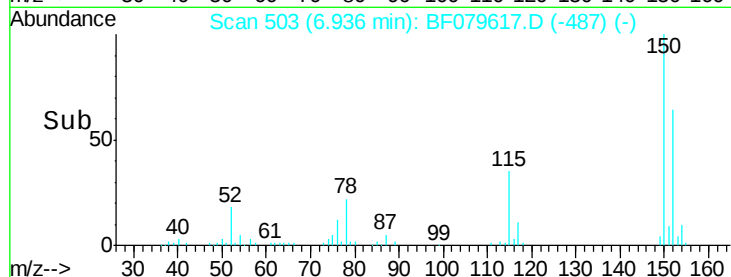
115 54.8 49.6 74.4



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: 127.88 ng

RT: 1.66 min Scan# 41

Delta R.T. -0.11 min

Lab File: BF079617.D

Acq: 30 May 2015 22:06

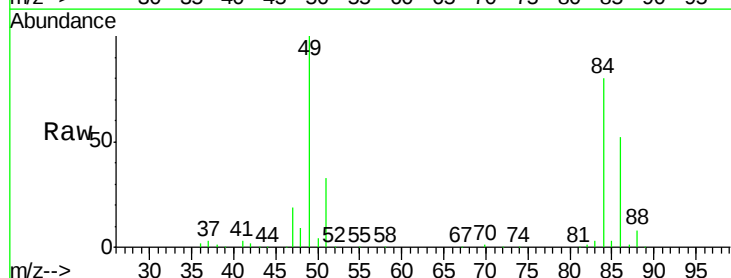
Tgt Ion: 88 Resp: 228945

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

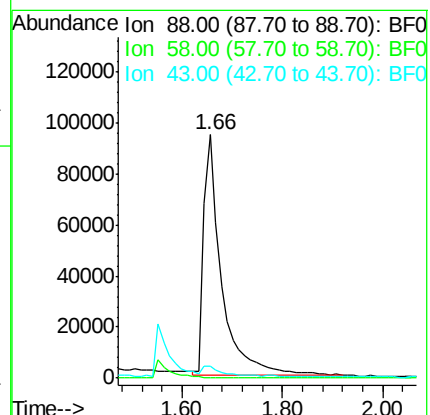
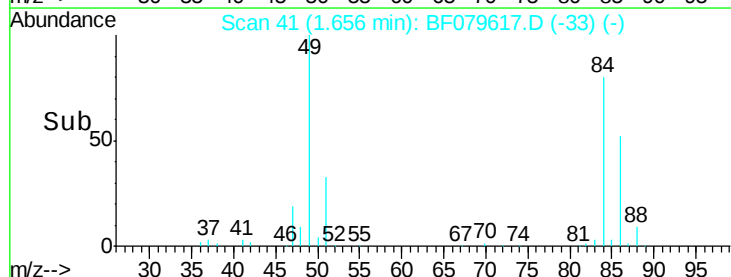
43 4.1 0.0 0.0#

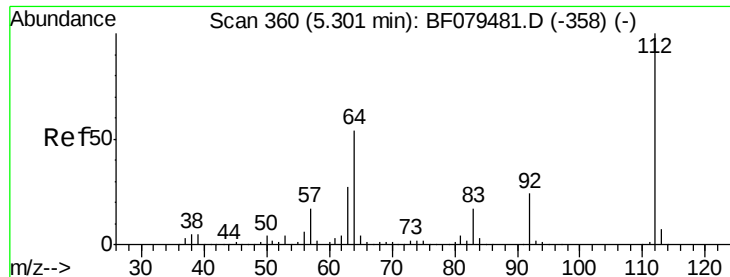


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 11.93 ng

RT: 5.21 min Scan# 352

Delta R.T. -0.02 min

Lab File: BF079617.D

Acq: 30 May 2015 22:06

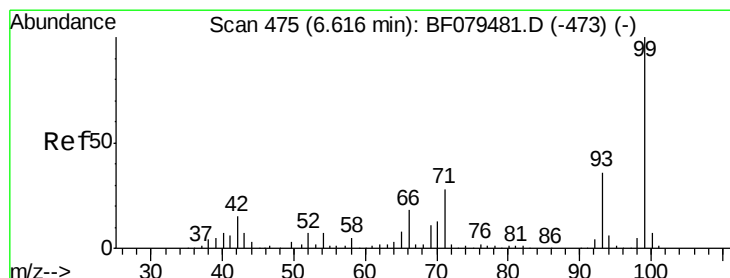
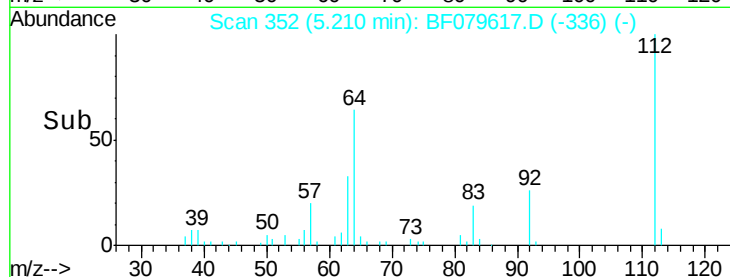
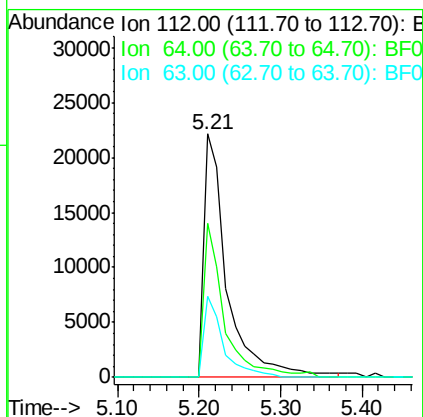
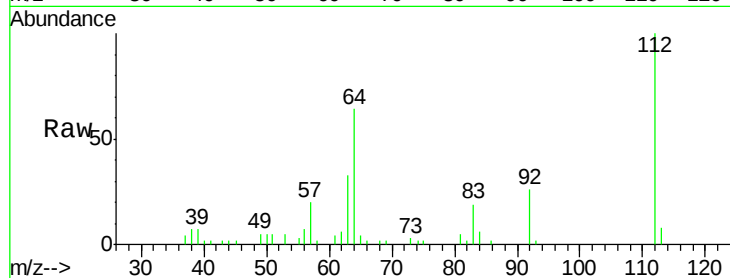
Instrument :

BNA_F

ClientSampleId :

PENRD8.14(5)

Tgt Ion:	112	Resp:	44903
Ion	Ratio	Lower	Upper
112	100		
64	63.5	43.5	65.3
63	33.5	21.8	32.8#



#7

Phenol-d6

Concen: 16.73 ng

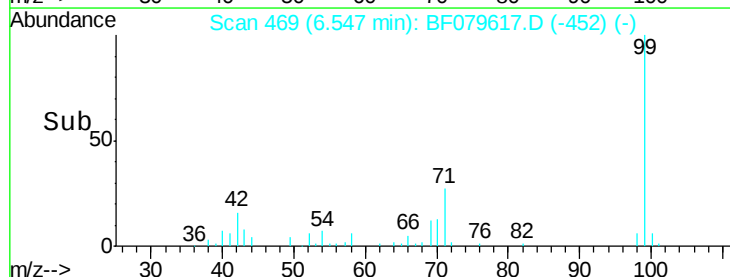
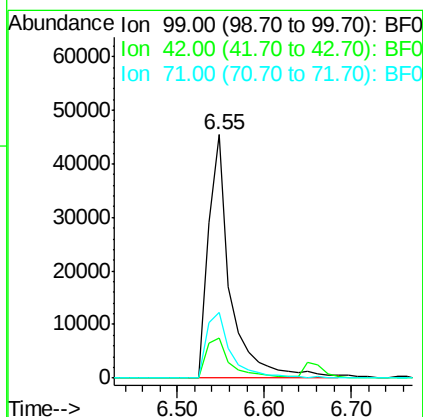
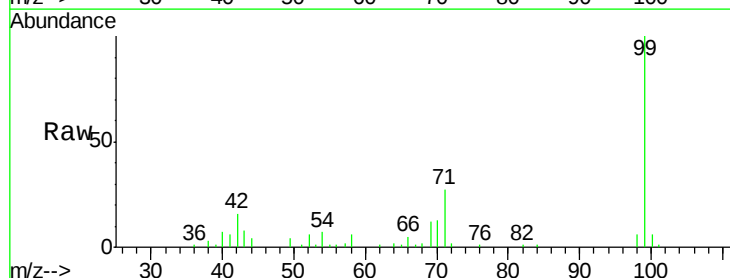
RT: 6.55 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF079617.D

Acq: 30 May 2015 22:06

Tgt Ion:	99	Resp:	80243
Ion	Ratio	Lower	Upper
99	100		
42	16.5	11.9	17.9
71	27.2	22.1	33.1

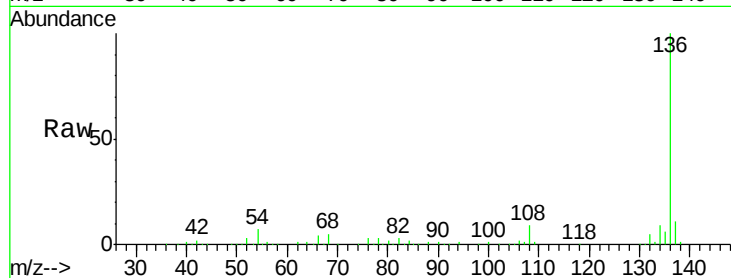




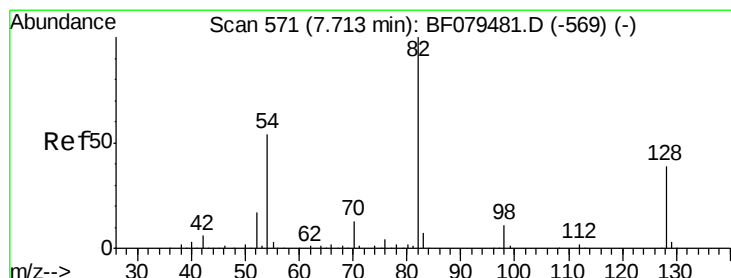
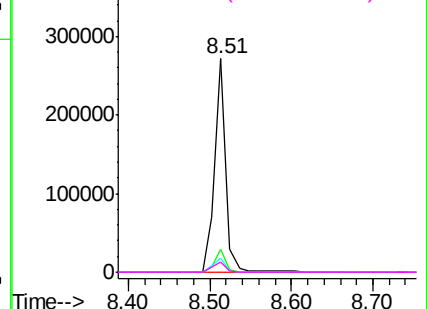
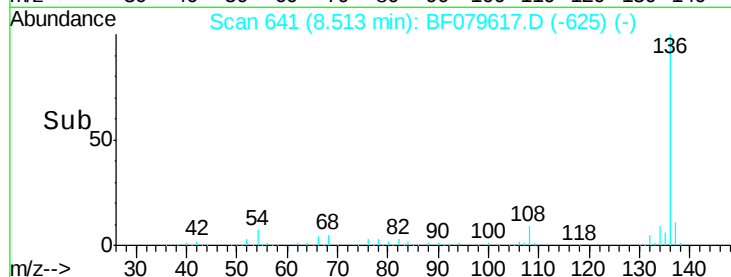
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF079617.D
Acq: 30 May 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PENRD8.14(5)

Tgt Ion:	136	Resp:	265918
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.6	6.6	9.8
68	5.0	4.7	7.1

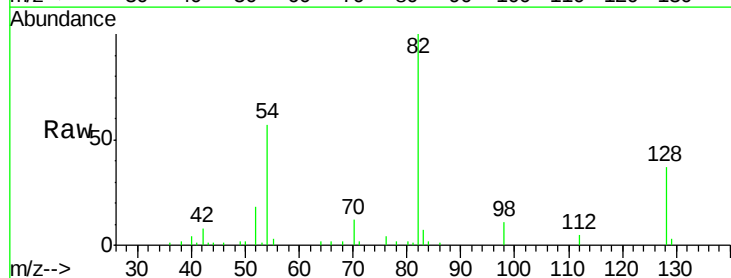


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

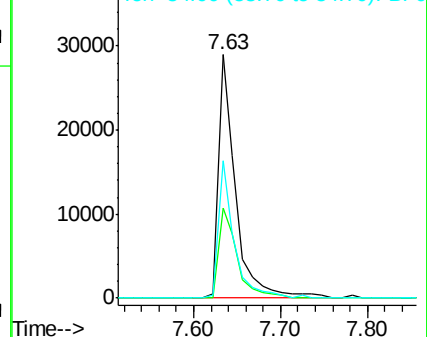
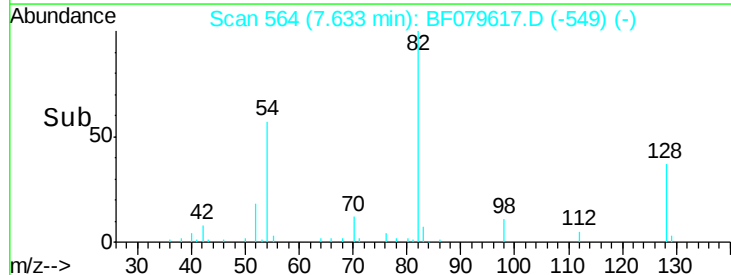


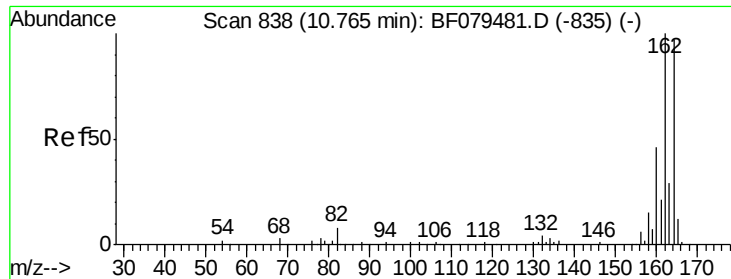
#23
Nitrobenzene-d5
Concen: 8.71 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF079617.D
Acq: 30 May 2015 22:06

Tgt Ion:	82	Resp:	40055
Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.8	46.2
54	56.5	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

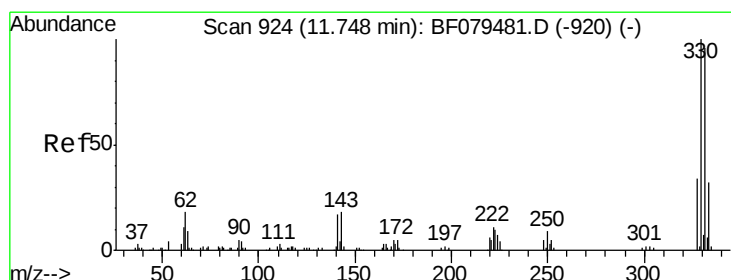
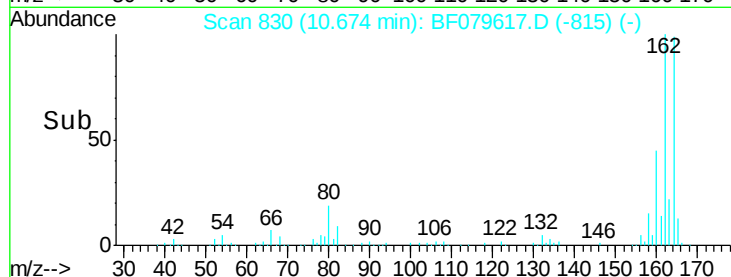
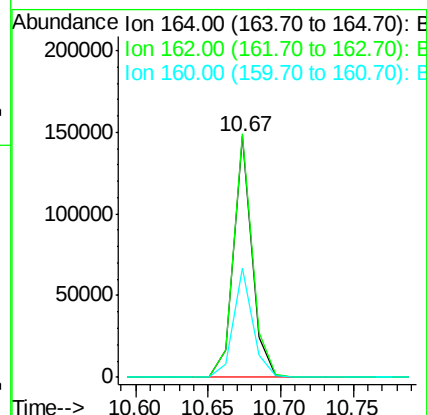
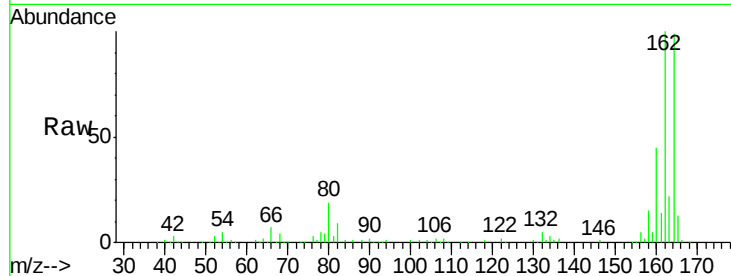




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF079617.D
 Acq: 30 May 2015 22:06

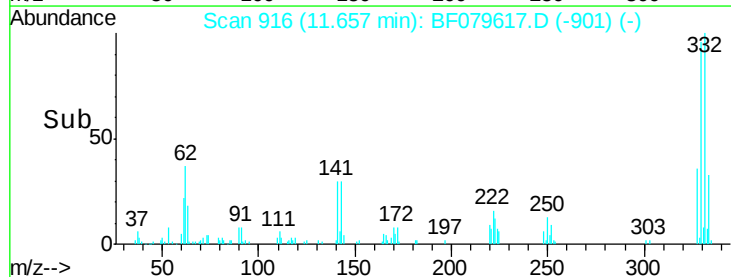
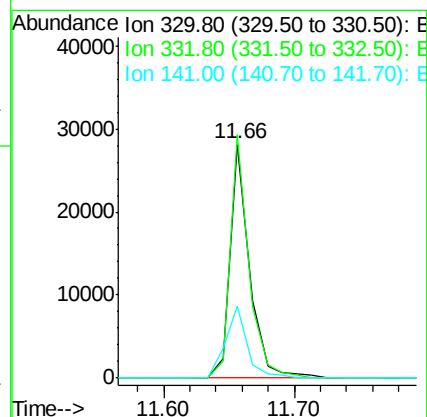
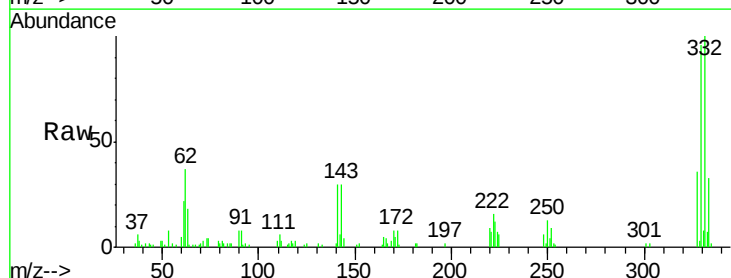
Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.14(5)

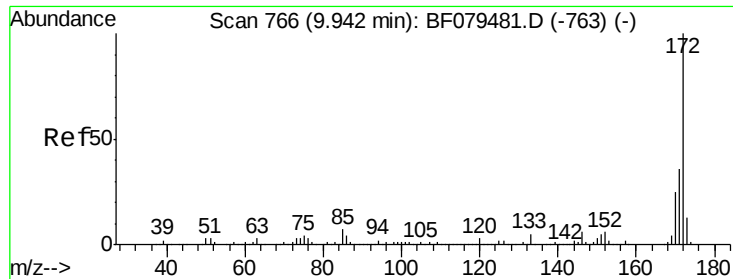
Tgt Ion:164 Resp: 130653
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.6 124.0
 160 45.4 37.7 56.5



#41
 2,4,6-Tribromophenol
 Concen: 20.40 ng
 RT: 11.66 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF079617.D
 Acq: 30 May 2015 22:06

Tgt Ion:330 Resp: 29274
 Ion Ratio Lower Upper
 330 100
 332 99.7 0.0 0.0#
 141 34.7 0.0 0.0#

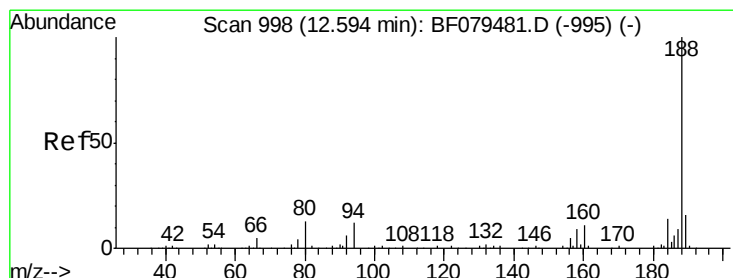
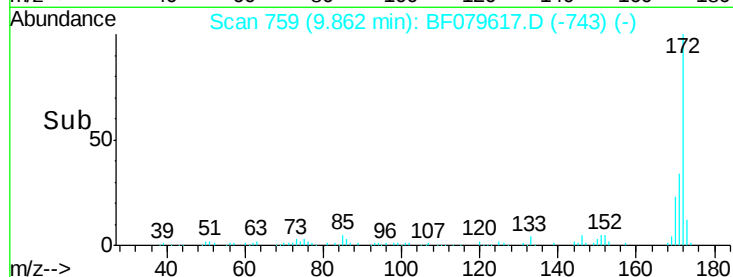
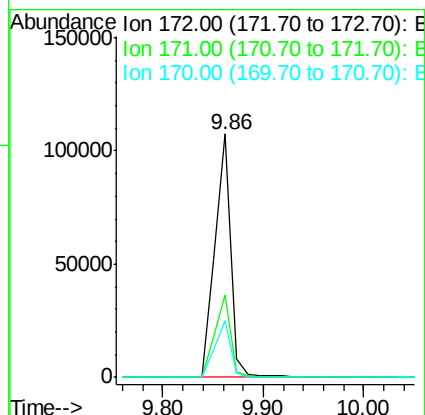
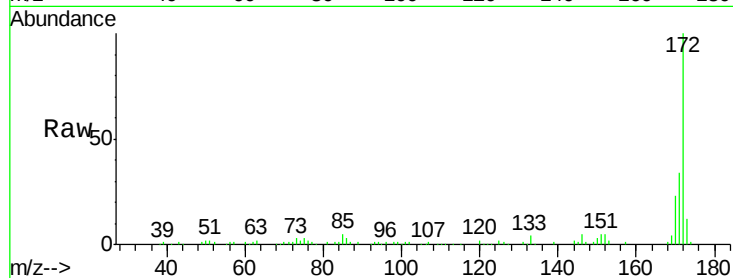




#44
 2-Fluorobiphenyl
 Concen: 12.85 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079617.D
 Acq: 30 May 2015 22:06

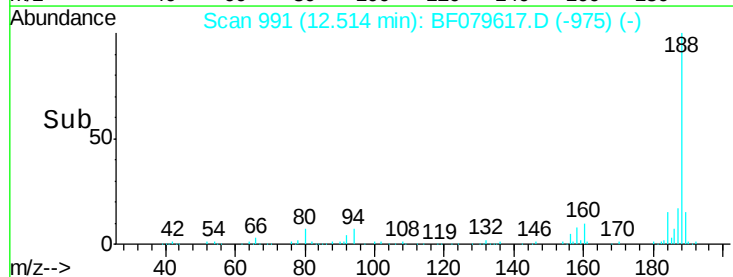
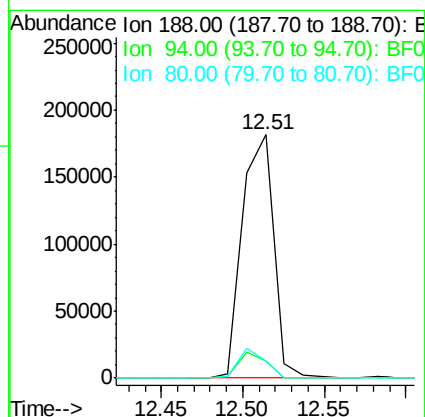
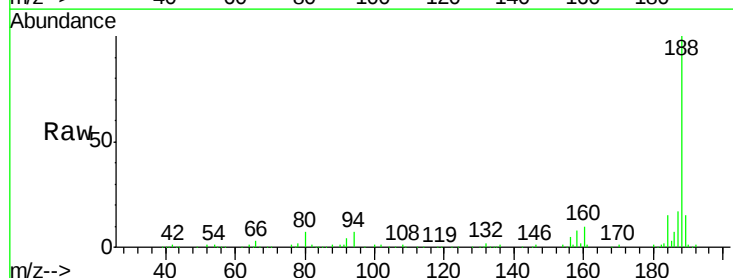
Instrument :
 BNA_F
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 PENRD8.14(5)

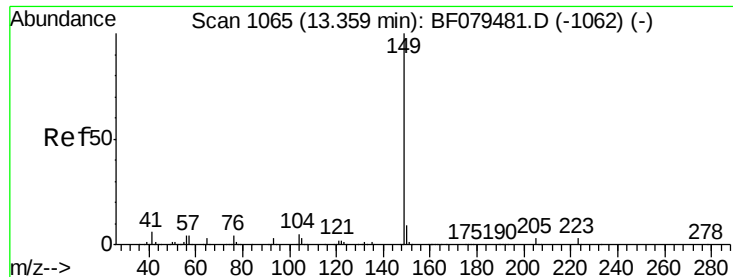
Tgt Ion:172 Resp: 117686
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.5 42.7
 170 23.2 19.7 29.5



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.51 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF079617.D
 Acq: 30 May 2015 22:06

Tgt Ion:188 Resp: 241333
 Ion Ratio Lower Upper
 188 100
 94 7.2 9.8 14.6#
 80 6.8 10.5 15.7#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 13.28 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF079617.D

Acq: 30 May 2015 22:06

Instrument :

BNA_F

ClientSampleId :

PENRD8.14(5)

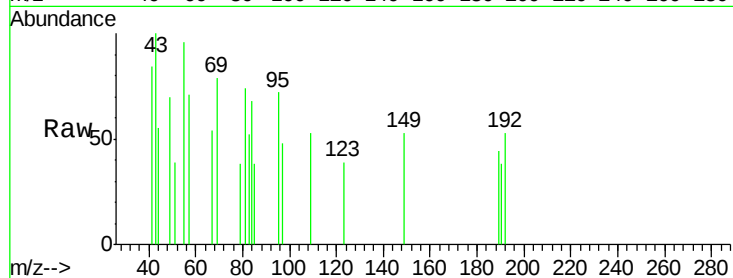
Tgt Ion:149 Resp: 527

Ion Ratio Lower Upper

149 100

150 0.0 7.5 11.3#

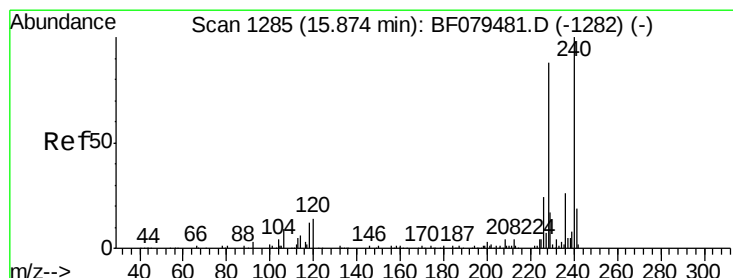
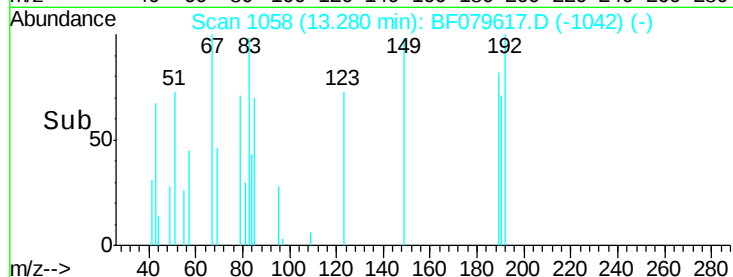
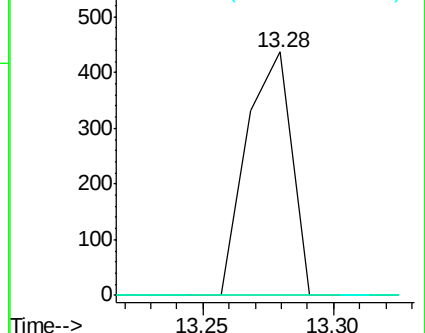
104 0.0 3.6 5.4#



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: BF079617.D

Acq: 30 May 2015 22:06

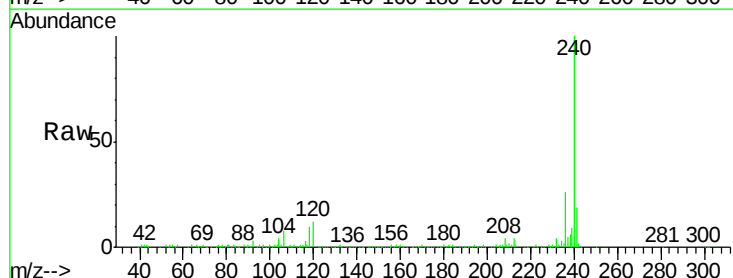
Tgt Ion:240 Resp: 255684

Ion Ratio Lower Upper

240 100

120 11.9 10.8 16.2

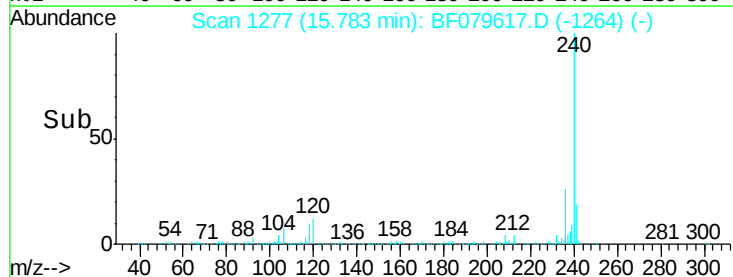
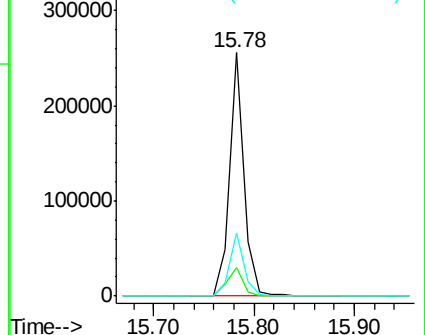
236 25.7 21.0 31.6

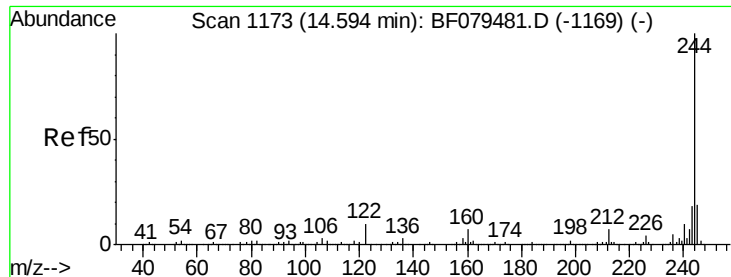


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

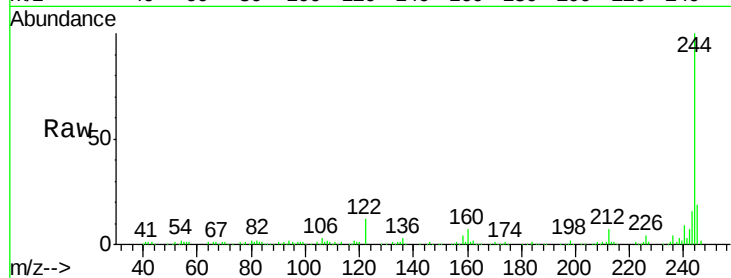




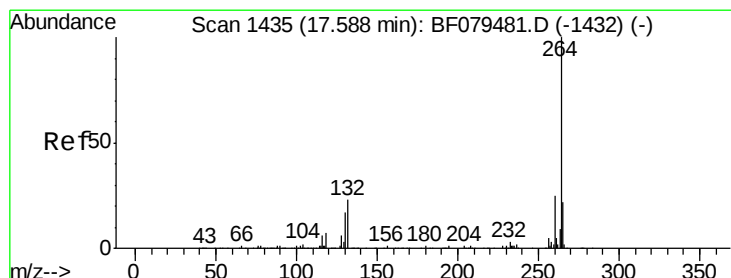
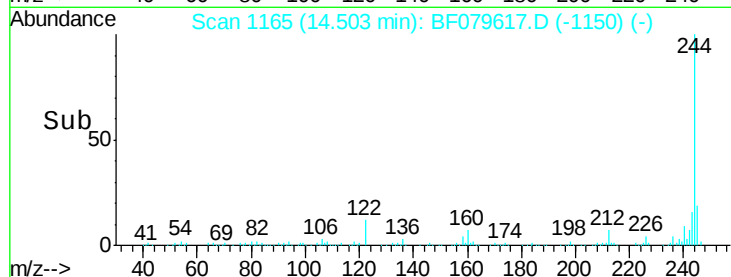
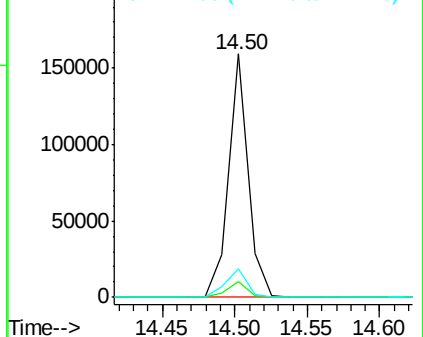
#78
 Terphenyl-d14
 Concen: 13.76 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. -0.03 min
 Lab File: BF079617.D
 Acq: 30 May 2015 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.14(5)

Tgt Ion:244 Resp: 149965
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 11.6 8.0 12.0

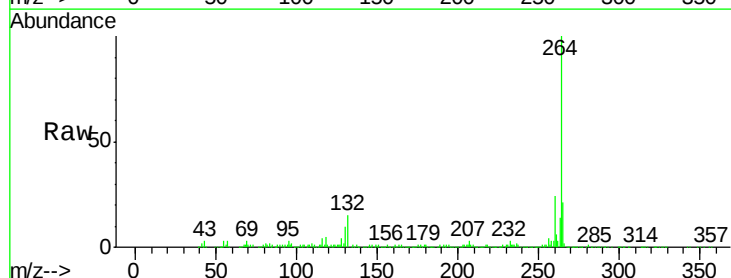


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.46 min Scan# 1424
 Delta R.T. -0.21 min
 Lab File: BF079617.D
 Acq: 30 May 2015 22:06

Tgt Ion:264 Resp: 256503
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.8
 265 21.0 17.8 26.6



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

