

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF080004.D
 Acq On : 17 Jun 2015 00:39
 Operator : TP/IZ
 Sample : G2522-20DL2 200X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL2

Quant Time: Jun 17 04:31:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 15:44:31 2015
 Response via : Initial Calibration

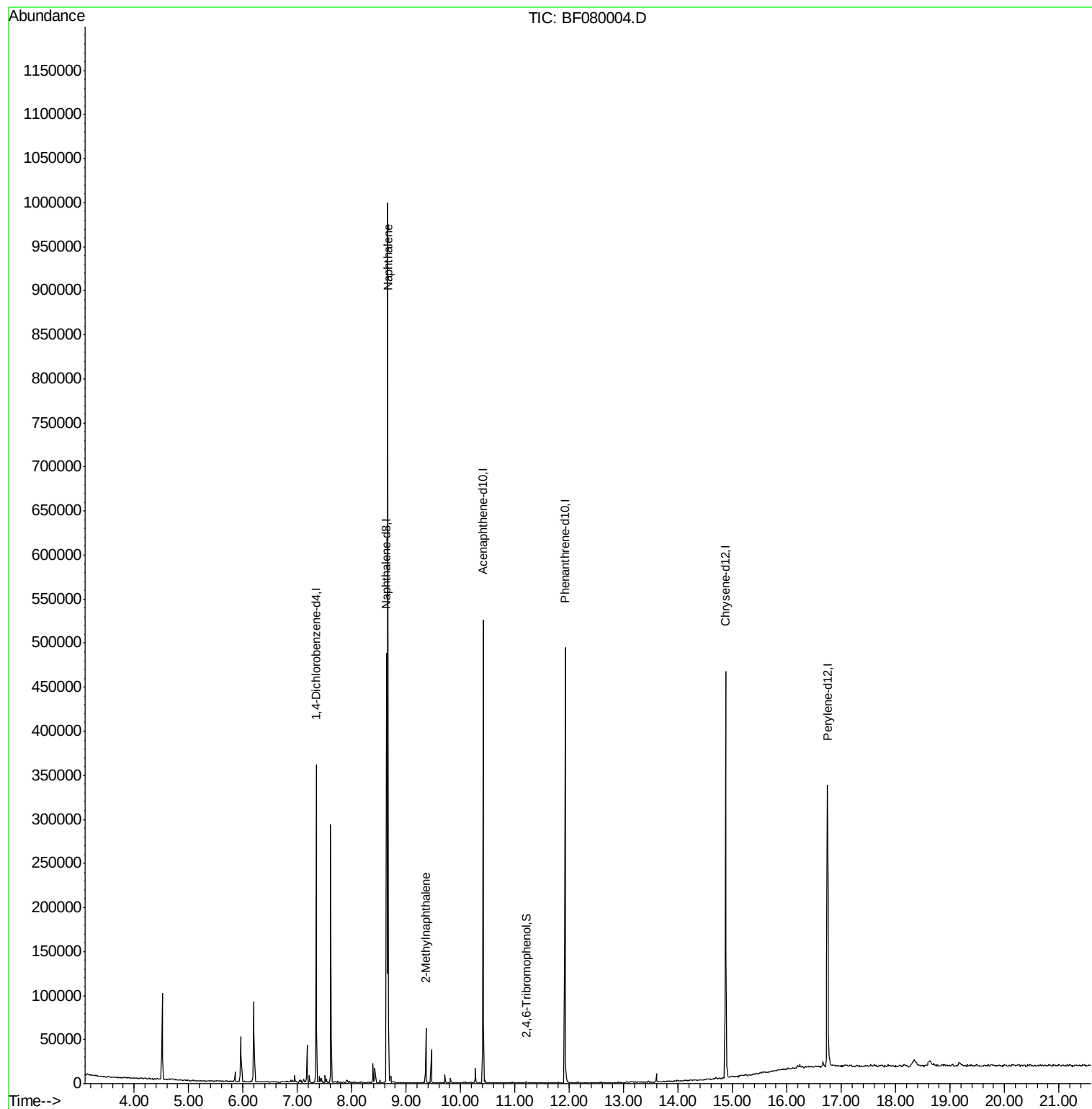
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	49055	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	192572	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	94531	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	191023	20.00	ng	0.00
75) Chrysene-d12	14.87	240	191386	20.00	ng	-0.03
86) Perylene-d12	16.75	264	187178	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	895	0.33	ng	0.00
7) Phenol-d6	6.95	99	709	0.19	ng	0.00
23) Nitrobenzene-d5	7.91	82	1477	0.51	ng	0.00
41) 2,4,6-Tribromophenol	11.20	330	612	3.61	ng	-0.01
44) 2-Fluorobiphenyl	9.72	172	4289	0.64	ng	0.00
78) Terphenyl-d14	13.60	244	4640	0.56	ng	-0.02
Target Compounds						
31) Naphthalene	8.66	128	382683	36.35	ng	Qvalue 100
37) 2-Methylnaphthalene	9.36	142	16759	2.36	ng	97

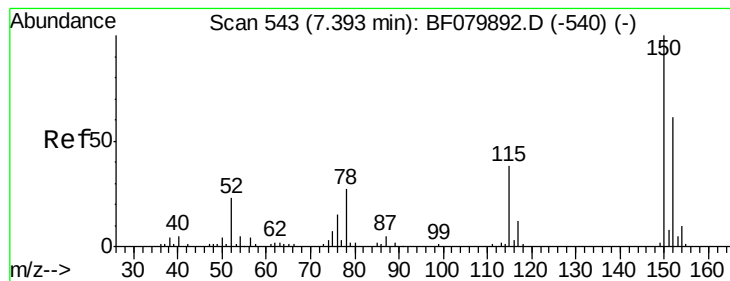
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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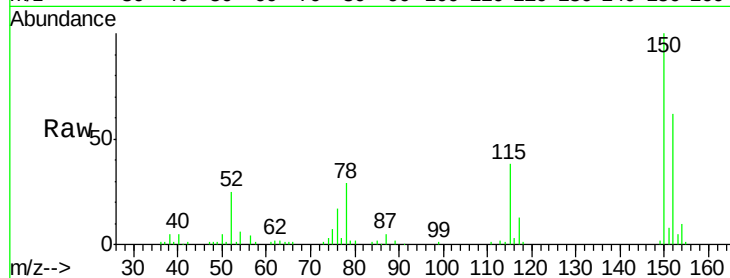


#1

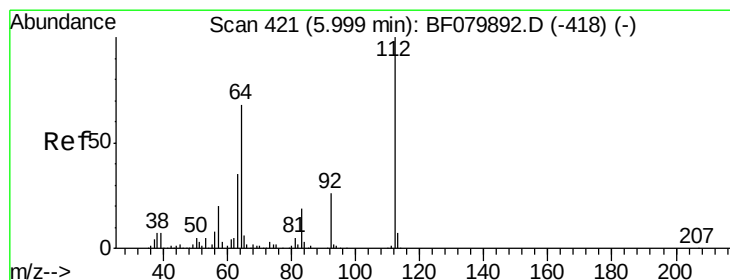
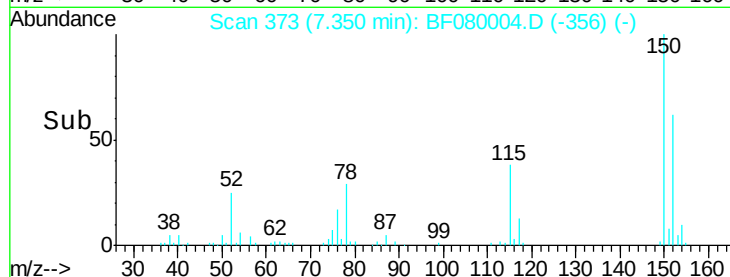
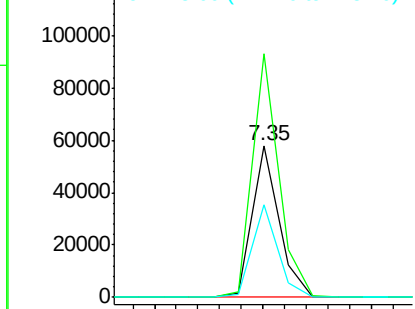
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF080004.D
Acq: 17 Jun 2015 00:39

Instrument :
BNA_F
ClientSampleId :
MW-16DL2

Tgt Ion:152 Resp: 49055
Ion Ratio Lower Upper
152 100
150 160.6 131.0 196.4
115 61.3 49.8 74.6



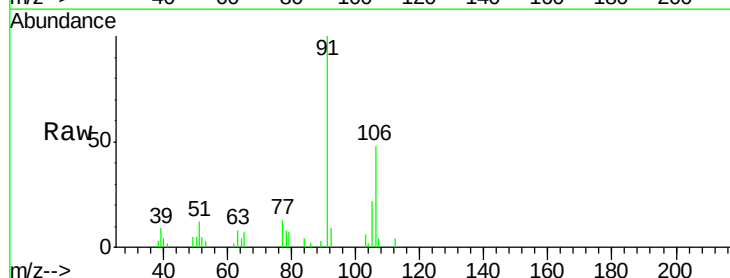
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



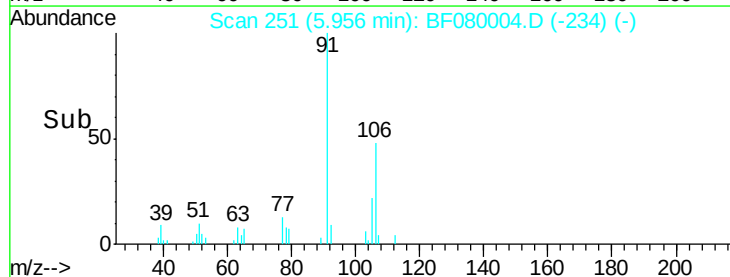
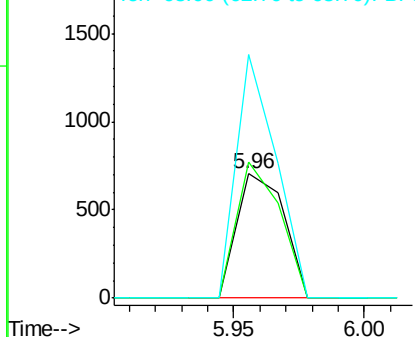
#5

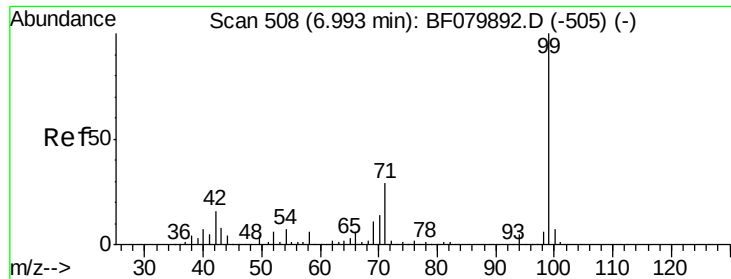
2-Fluorophenol
Concen: 0.33 ng
RT: 5.96 min Scan# 251
Delta R.T. 0.00 min
Lab File: BF080004.D
Acq: 17 Jun 2015 00:39

Tgt Ion:112 Resp: 895
Ion Ratio Lower Upper
112 100
64 109.1 54.5 81.7#
63 195.5 27.9 41.9#



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: 0.19 ng

RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080004.D

Acq: 17 Jun 2015 00:39

Instrument :

BNA_F

ClientSampleId :

MW-16DL2

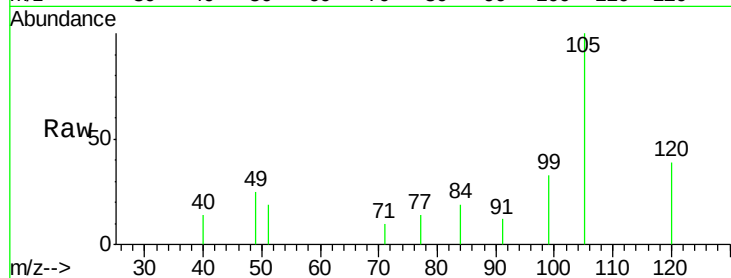
Tgt Ion: 99 Resp: 709

Ion Ratio Lower Upper

99 100

42 0.0 12.9 19.3#

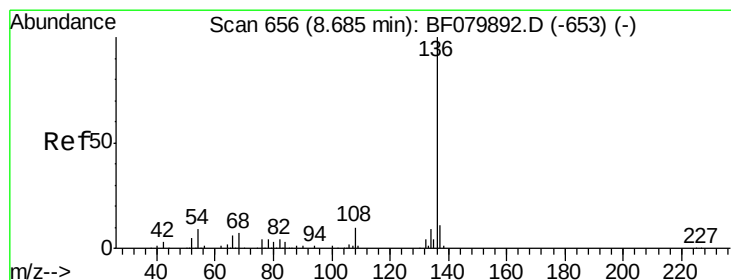
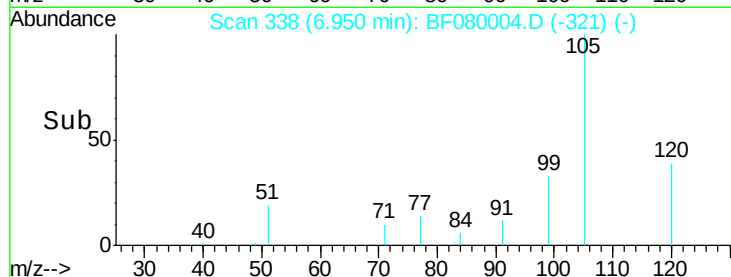
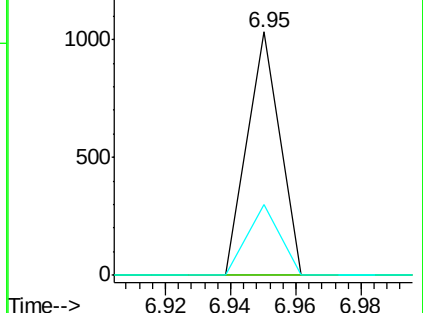
71 29.1 23.4 35.2



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: 8.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF080004.D

Acq: 17 Jun 2015 00:39

Tgt Ion: 136 Resp: 192572

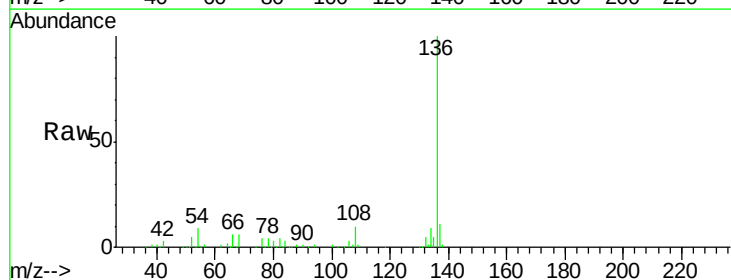
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.0 7.3 10.9

68 6.3 5.9 8.9

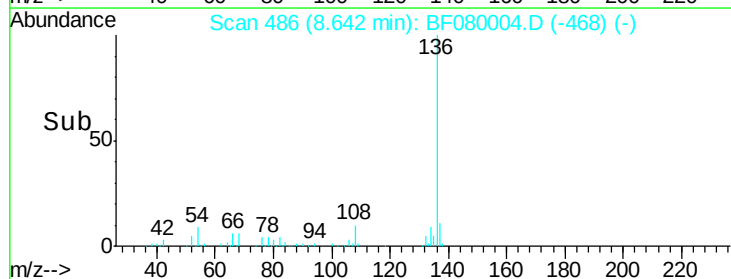
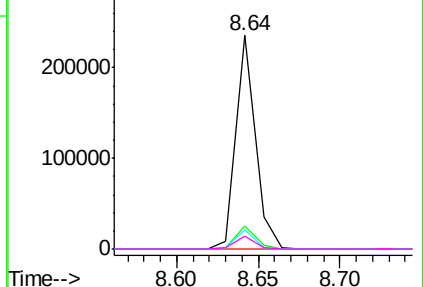


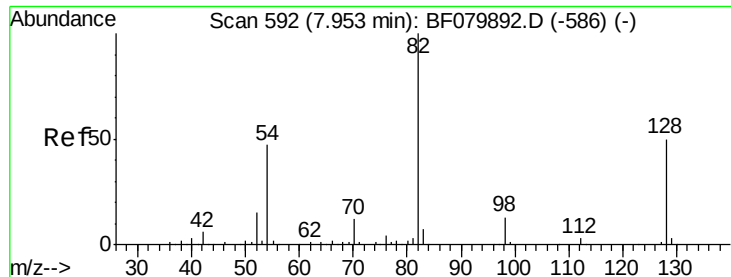
Abundance Ion 136.00 (135.70 to 136.70): E

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

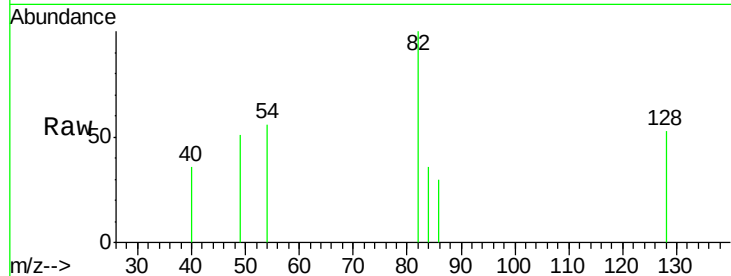




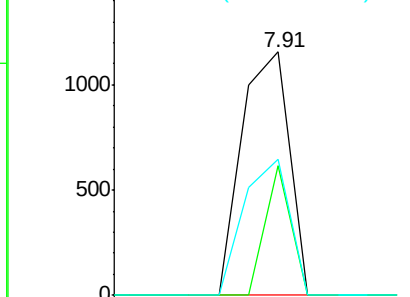
#23
 Nitrobenzene-d5
 Concen: 0.51 ng
 RT: 7.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF080004.D
 Acq: 17 Jun 2015 00:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL2

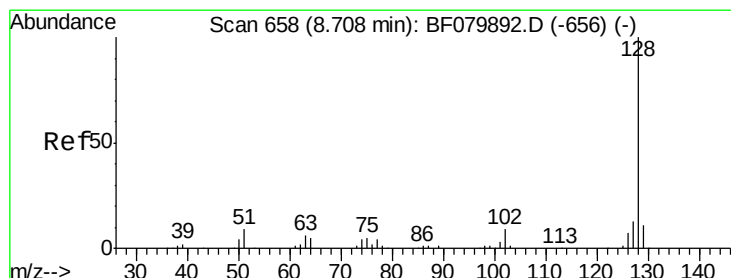
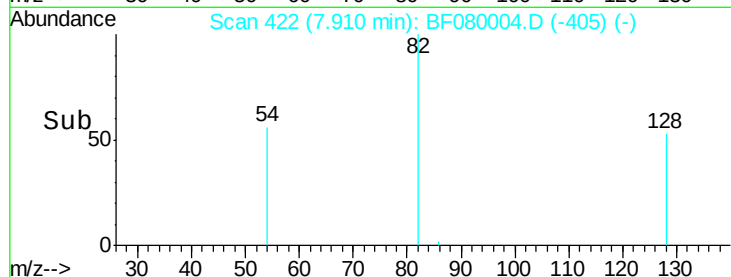
Tgt Ion: 82 Resp: 1477
 Ion Ratio Lower Upper
 82 100
 128 53.3 40.3 60.5
 54 56.1 38.0 57.0



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

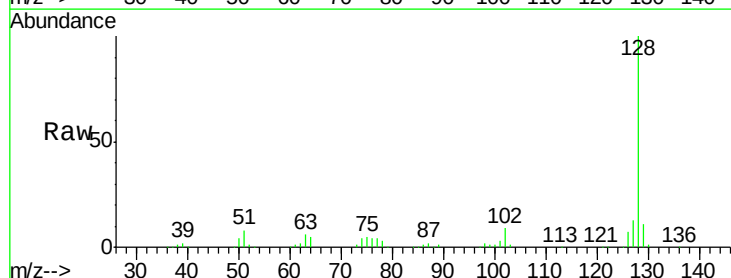


Time--> 7.85 7.90 7.95

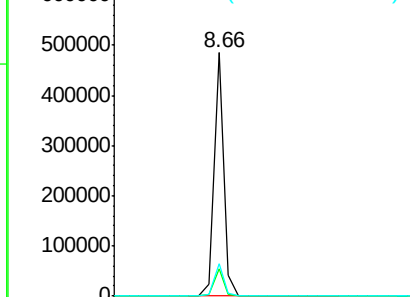


#31
 Naphthalene
 Concen: 36.35 ng
 RT: 8.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF080004.D
 Acq: 17 Jun 2015 00:39

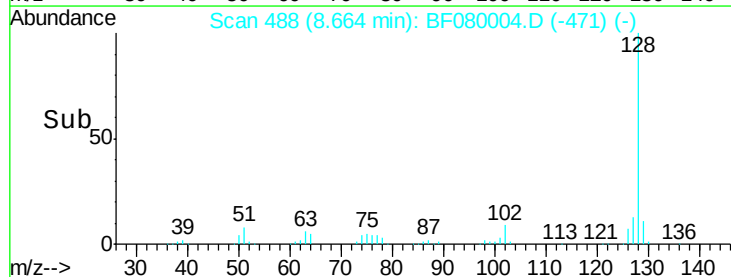
Tgt Ion: 128 Resp: 382683
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.8 13.2
 127 13.4 10.5 15.7

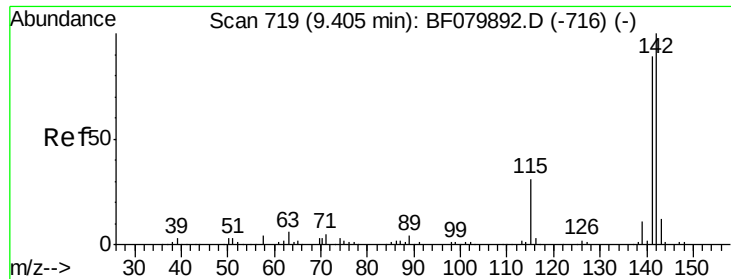


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E



Time--> 8.60 8.70 8.80

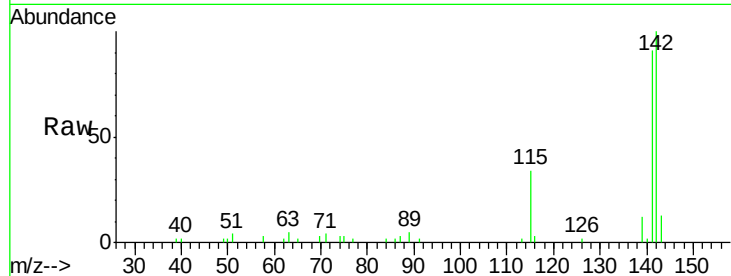




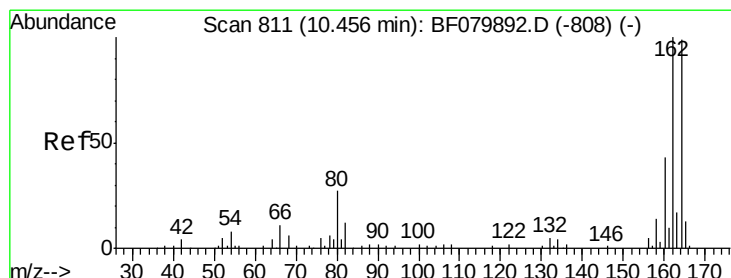
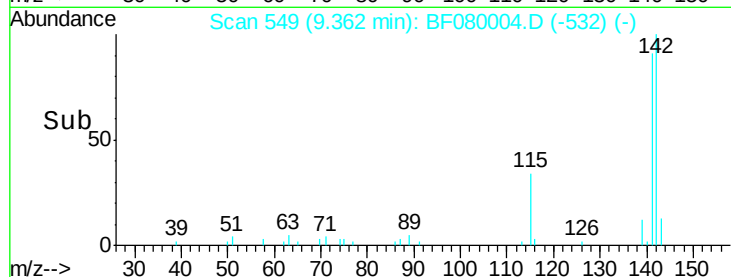
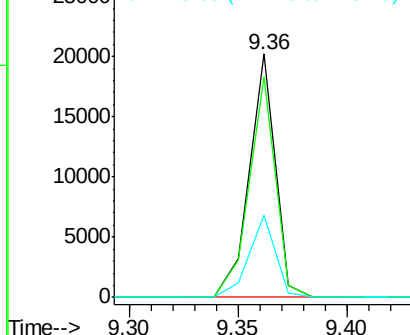
#37
2-Methylnaphthalene
Concen: 2.36 ng
RT: 9.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF080004.D
Acq: 17 Jun 2015 00:39

Instrument :
BNA_F
ClientSampleId :
MW-16DL2

Tgt Ion:142 Resp: 16759
Ion Ratio Lower Upper
142 100
141 90.9 70.9 106.3
115 33.6 25.0 37.4

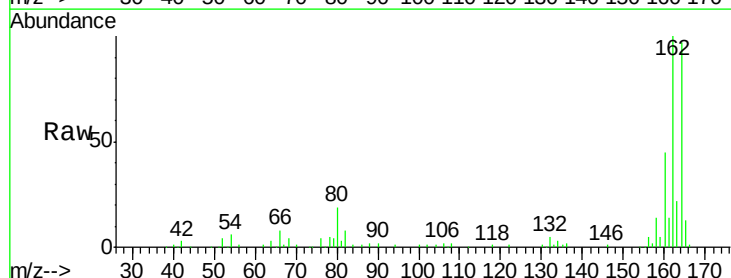


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

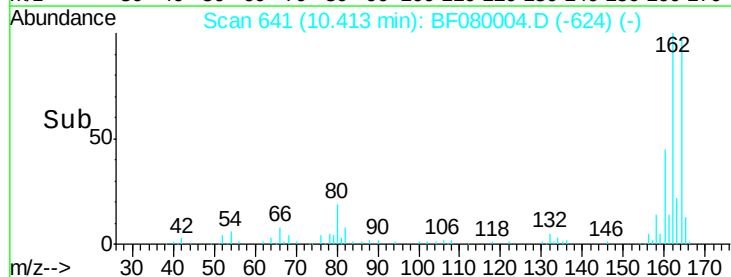
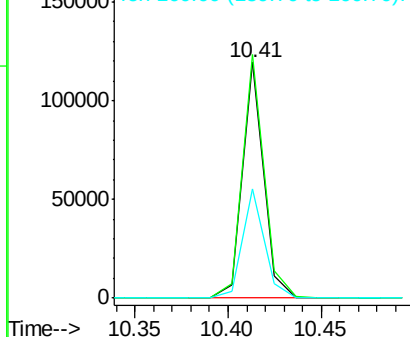


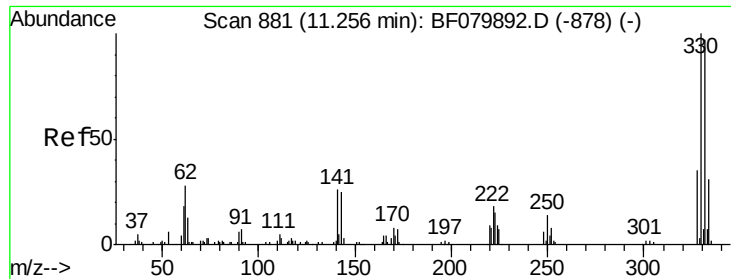
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF080004.D
Acq: 17 Jun 2015 00:39

Tgt Ion:164 Resp: 94531
Ion Ratio Lower Upper
164 100
162 103.5 80.7 121.1
160 46.4 34.6 51.8



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

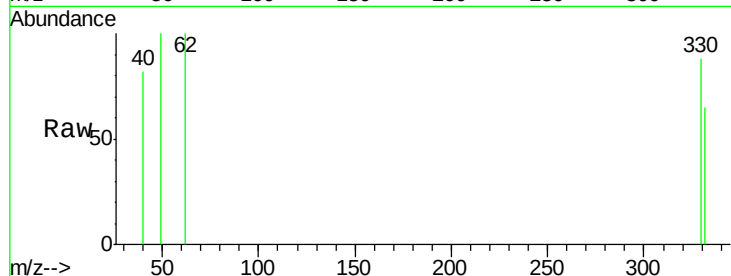




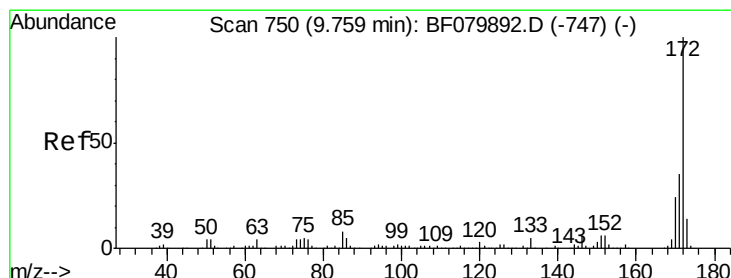
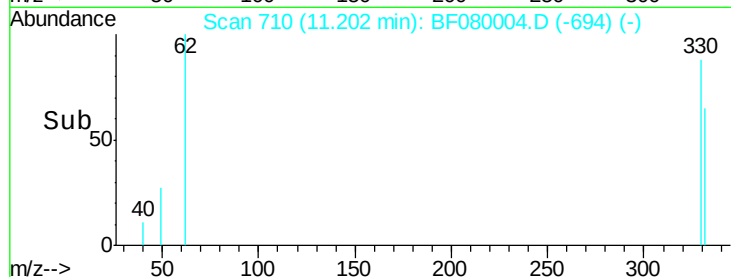
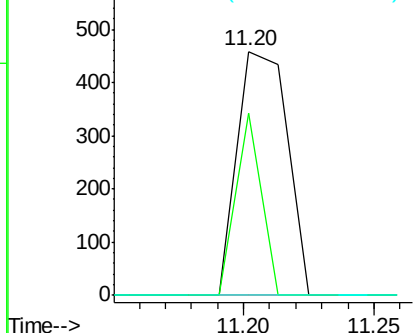
#41
 2,4,6-Tribromophenol
 Concen: 3.61 ng
 RT: 11.20 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF080004.D
 Acq: 17 Jun 2015 00:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL2

Tgt Ion: 330 Resp: 612
 Ion Ratio Lower Upper
 330 100
 332 38.4 77.3 115.9#
 141 0.0 26.8 40.2#

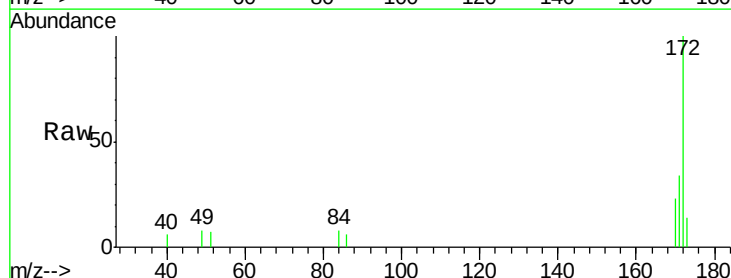


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

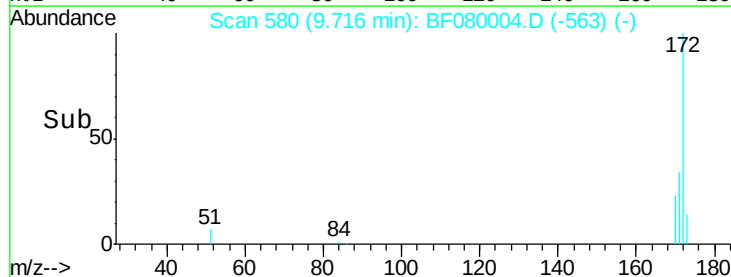
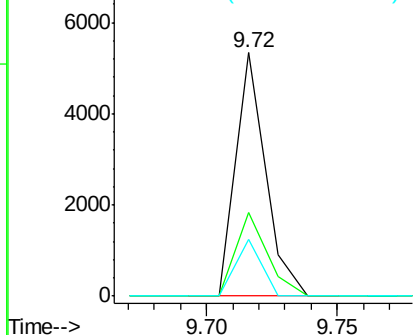


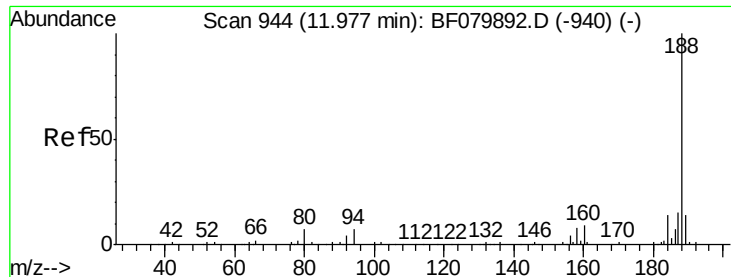
#44
 2-Fluorobiphenyl
 Concen: 0.64 ng
 RT: 9.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF080004.D
 Acq: 17 Jun 2015 00:39

Tgt Ion: 172 Resp: 4289
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.3 42.5
 170 23.1 19.0 28.4



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

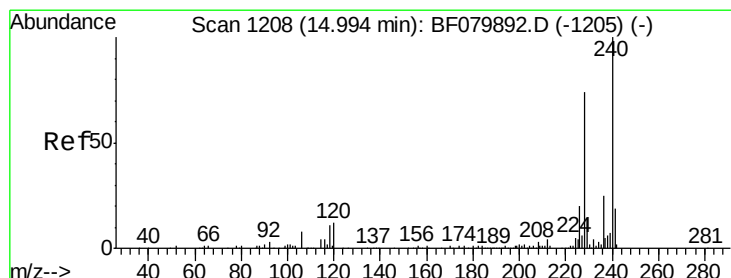
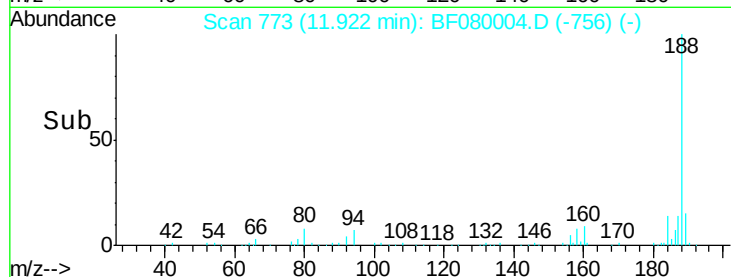
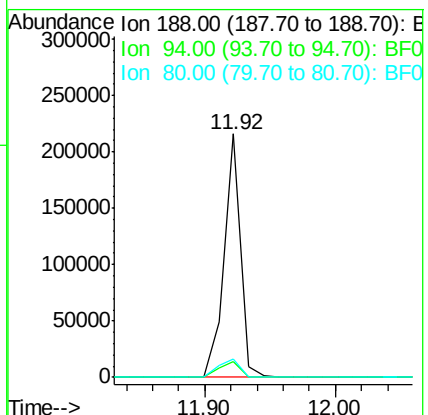
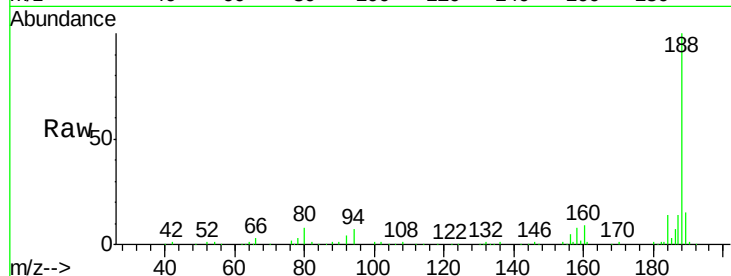




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF080004.D
Acq: 17 Jun 2015 00:39

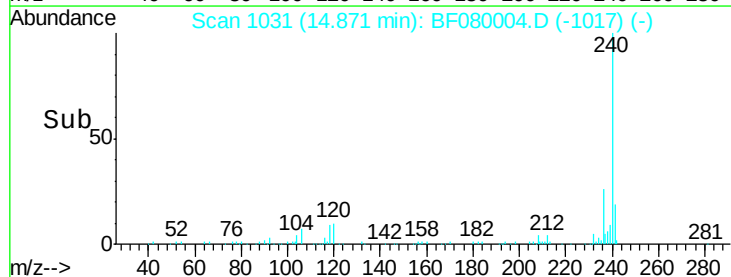
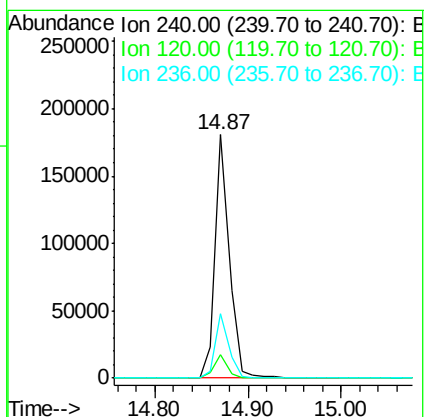
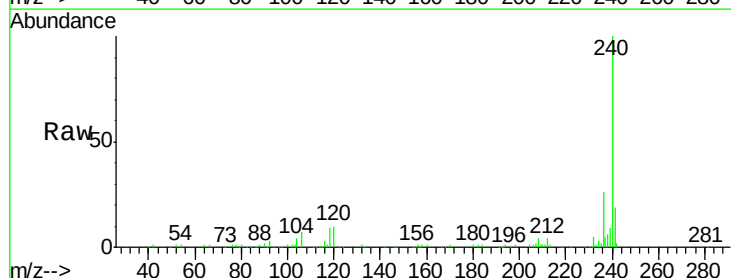
Instrument :
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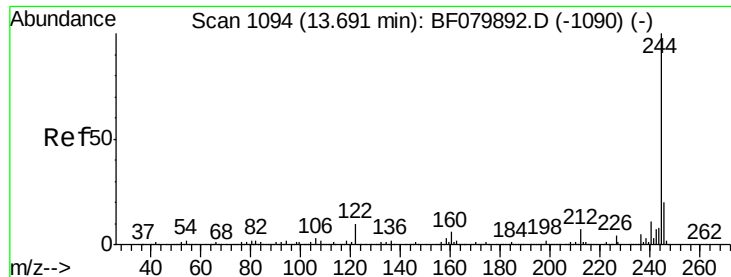
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.8	8.8
80	7.6	5.9	8.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF080004.D
Acq: 17 Jun 2015 00:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.4	14.2
236	26.4	19.6	29.4

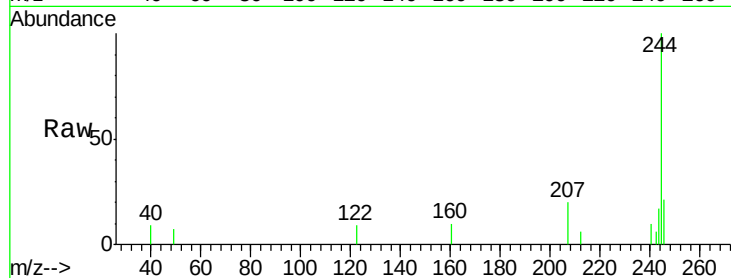




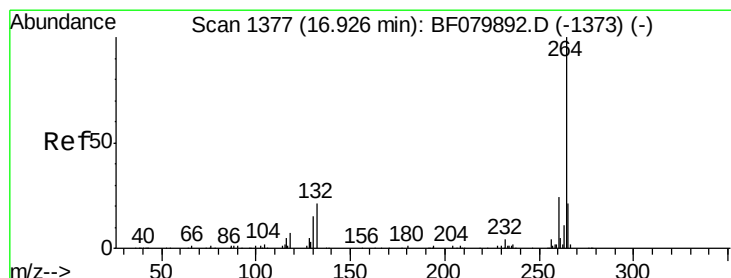
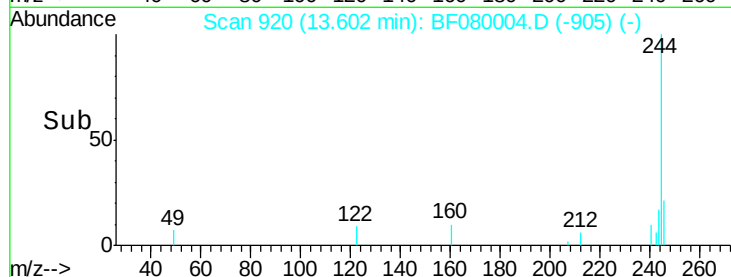
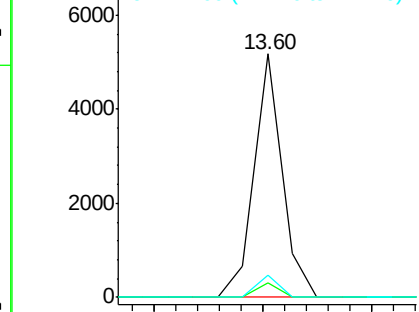
#78
 Terphenyl-d14
 Concen: 0.56 ng
 RT: 13.60 min Scan# 920
 Delta R.T. -0.02 min
 Lab File: BF080004.D
 Acq: 17 Jun 2015 00:39

Instrument :
 BNA_F
 ClientSampleId :
 MW-16DL2

Tgt Ion:244 Resp: 4640
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.2
 122 8.9 7.8 11.8

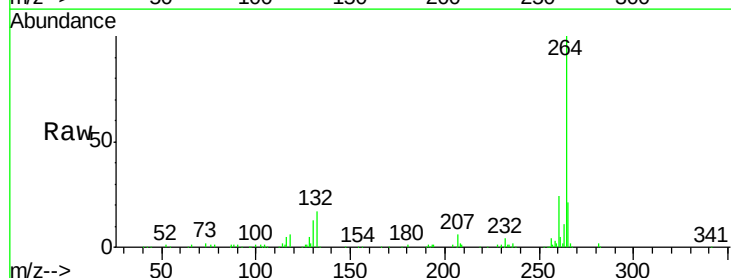


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.75 min Scan# 1195
 Delta R.T. -0.06 min
 Lab File: BF080004.D
 Acq: 17 Jun 2015 00:39

Tgt Ion:264 Resp: 187178
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 20.9 17.0 25.6



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

