

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080661.D
 Acq On : 25 Jul 2015 10:20
 Operator : TP/UM
 Sample : G3079-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-7-22-15

Quant Time: Jul 27 02:10:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

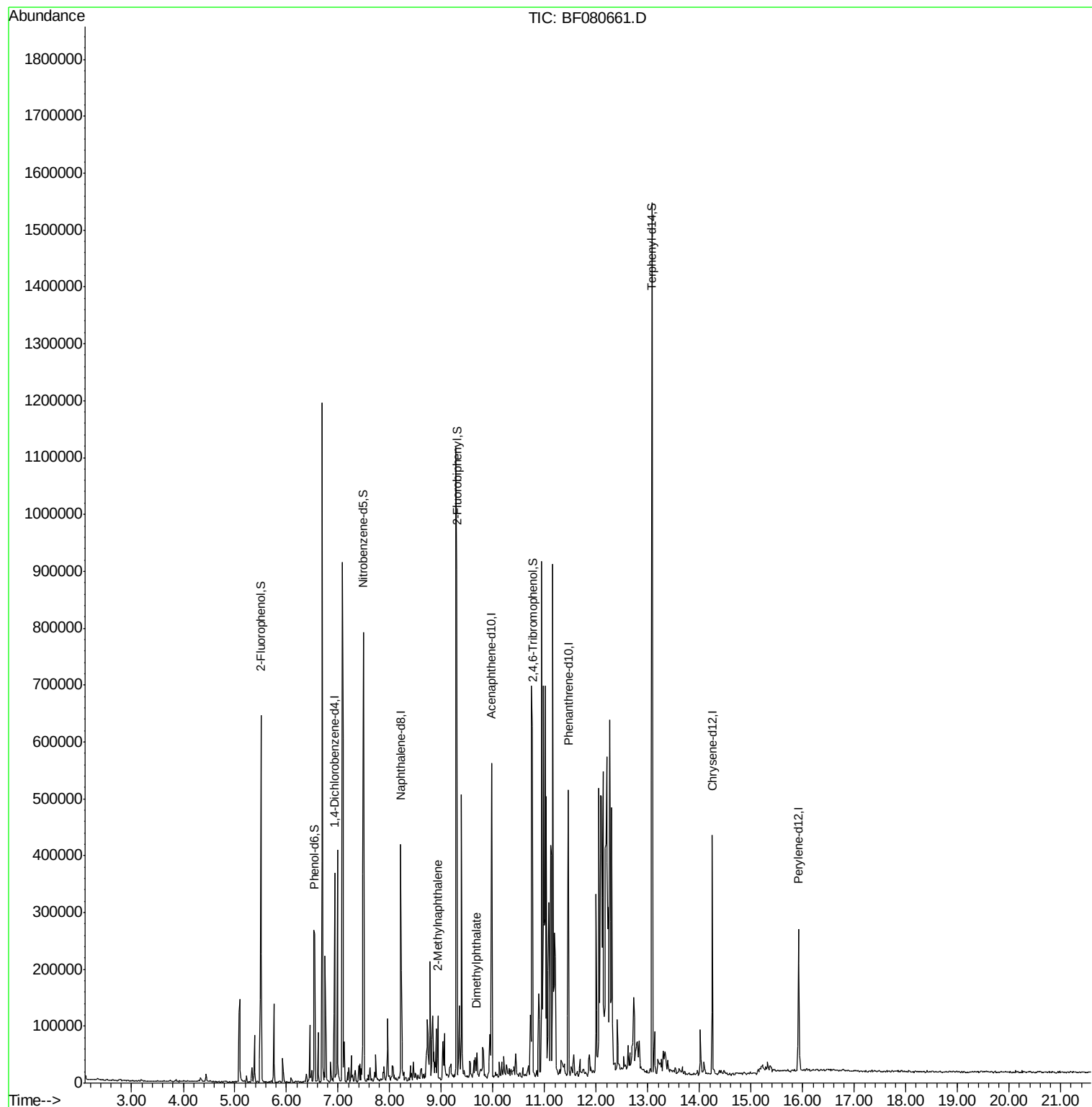
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	53779	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	189229	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	102693	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	168595	20.00	ng	0.00
75) Chrysene-d12	14.25	240	153171	20.00	ng	0.09
86) Perylene-d12	15.92	264	132954	20.00	ng	0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	150937	47.26	ng	0.00
7) Phenol-d6	6.54	99	108647	28.48	ng	0.00
23) Nitrobenzene-d5	7.49	82	258909	68.72	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	100080	108.47	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	453786	68.18	ng	0.00
78) Terphenyl-d14	13.08	244	488733	68.70	ng	0.02
Target Compounds						
37) 2-Methylnaphthalene	8.93	142	19555	2.89	ng	Qvalue 97
49) Dimethylphthalate	9.69	163	14760	2.01	ng	# 97

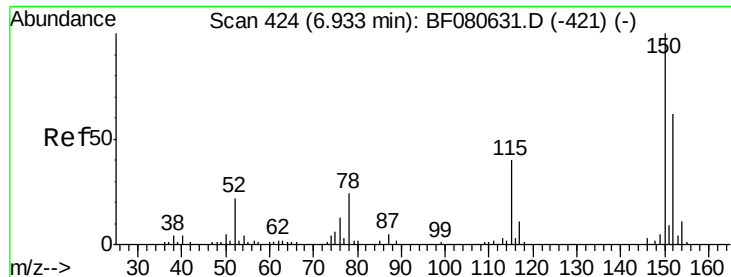
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

Instrument :

BNA_F

ClientSampleId :

MW-9-7-22-15

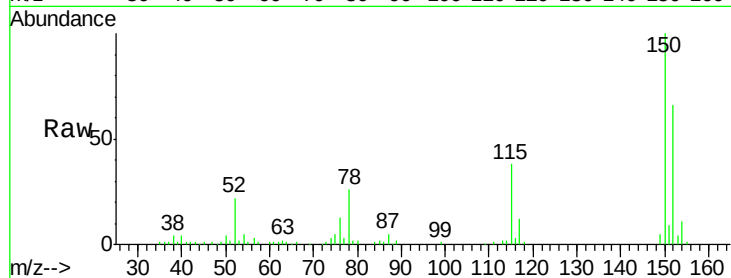
Tgt Ion:152 Resp: 53779

Ion Ratio Lower Upper

152 100

150 152.6 128.9 193.3

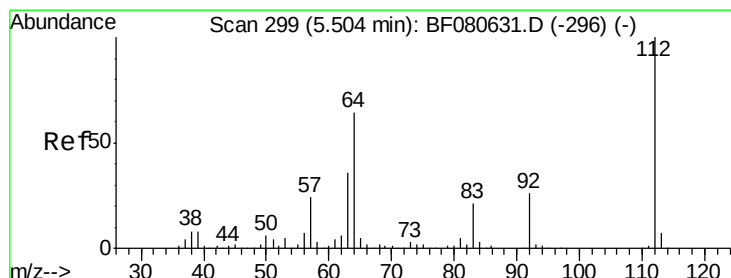
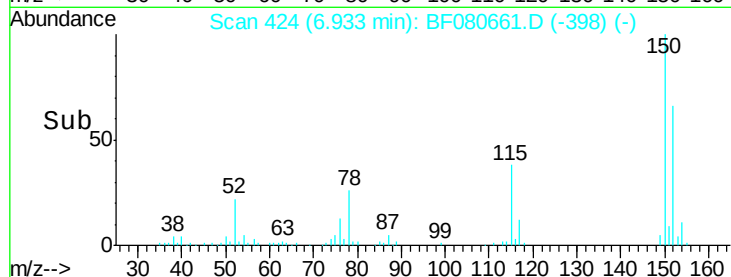
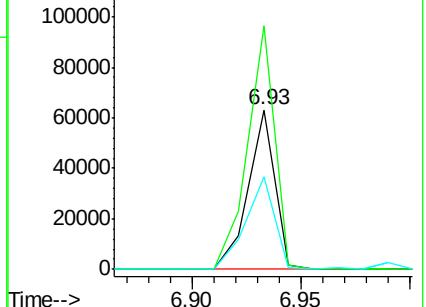
115 57.9 51.0 76.6



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: 47.26 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

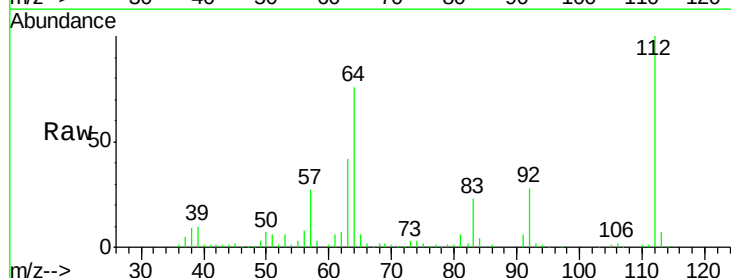
Tgt Ion:112 Resp: 150937

Ion Ratio Lower Upper

112 100

64 76.4 51.2 76.8

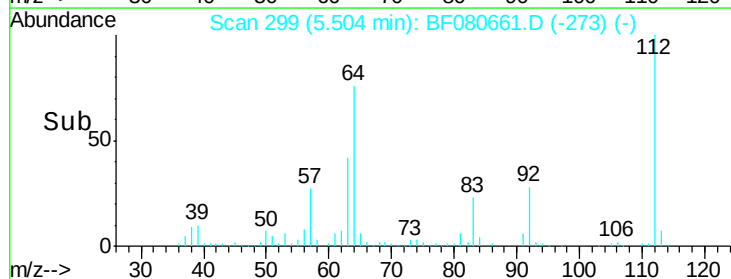
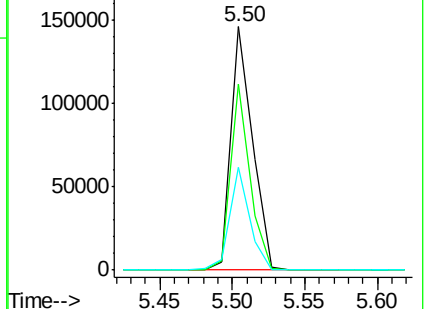
63 42.1 29.0 43.6

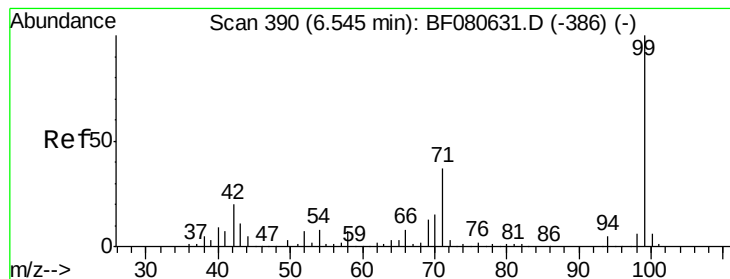


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.48 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

Instrument :

BNA_F

ClientSampleId :

MW-9-7-22-15

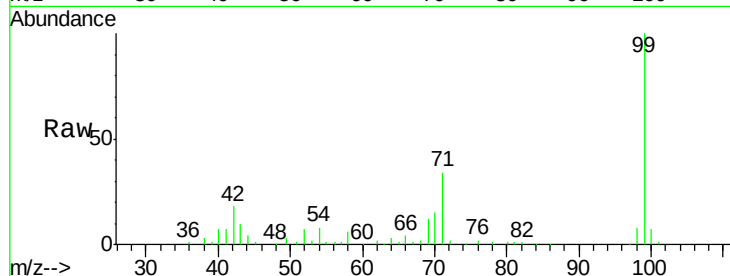
Tgt Ion: 99 Resp: 108647

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

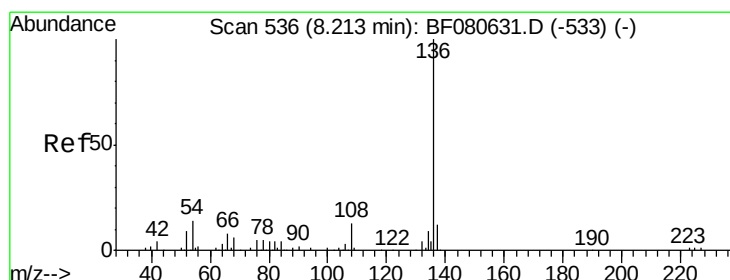
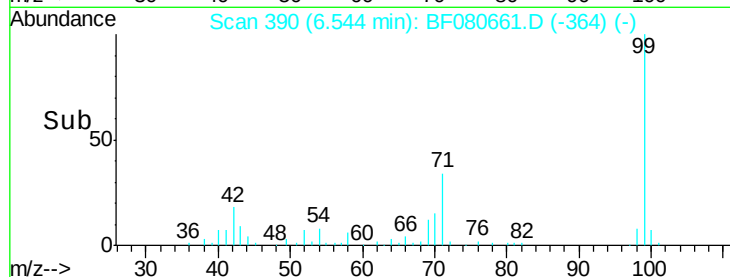
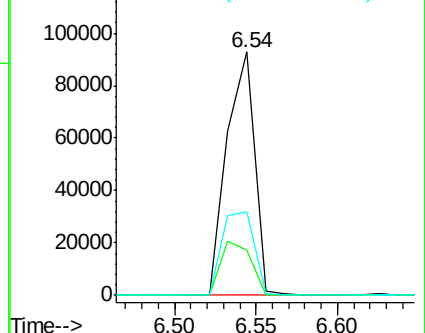
71 34.2 29.7 44.5



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: 8.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

Tgt Ion: 136 Resp: 189229

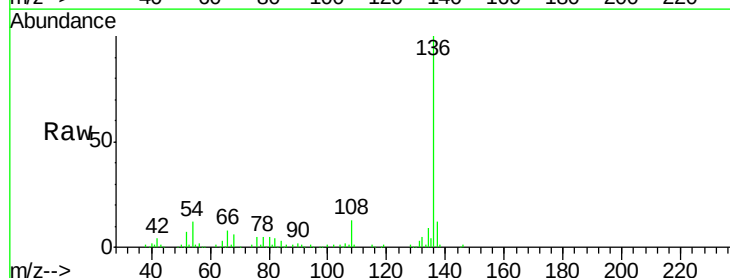
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 12.0 11.6 17.4

68 5.8 5.0 7.4

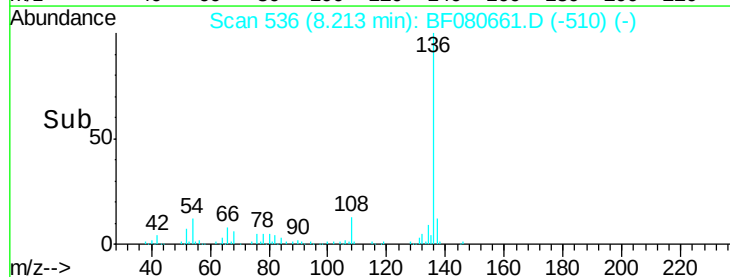
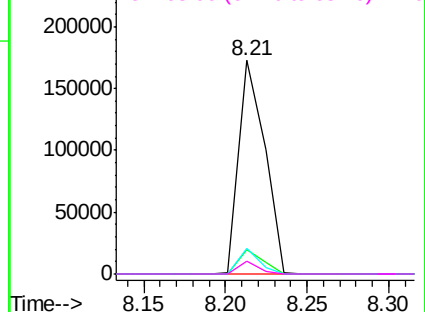


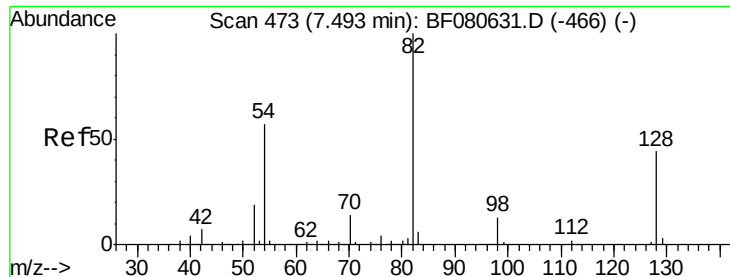
Abundance Ion 136.00 (135.70 to 136.70): E

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

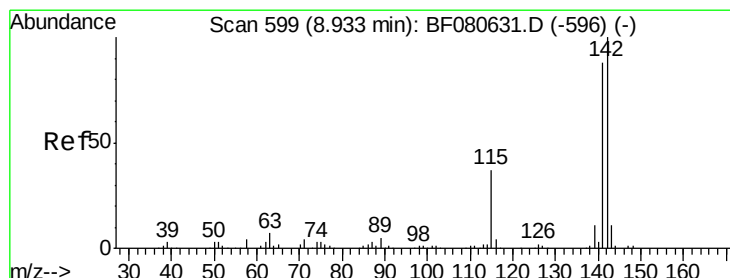
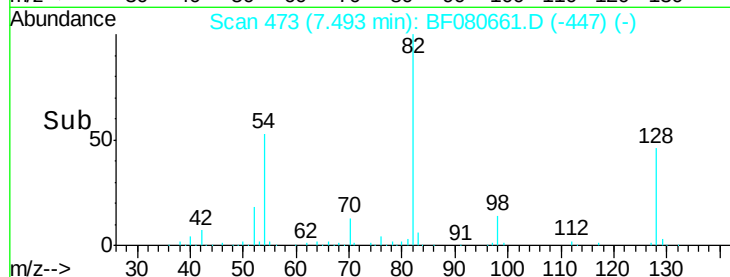
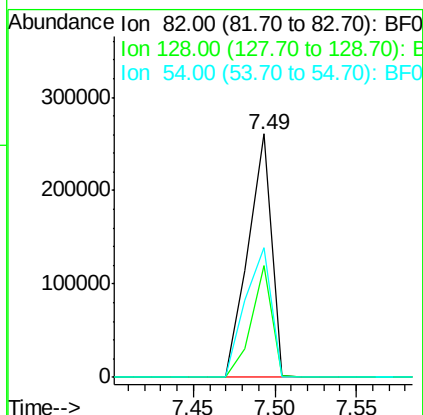
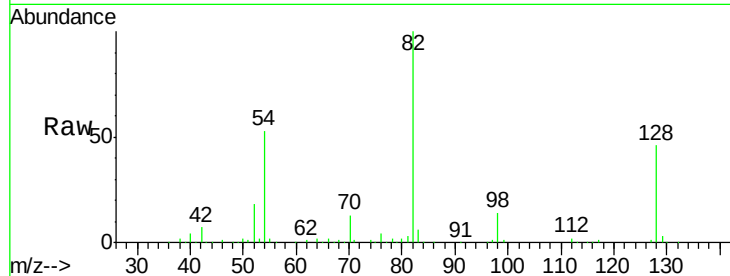




#23
 Nitrobenzene-d5
 Concen: 68.72 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080661.D
 Acq: 25 Jul 2015 10:20

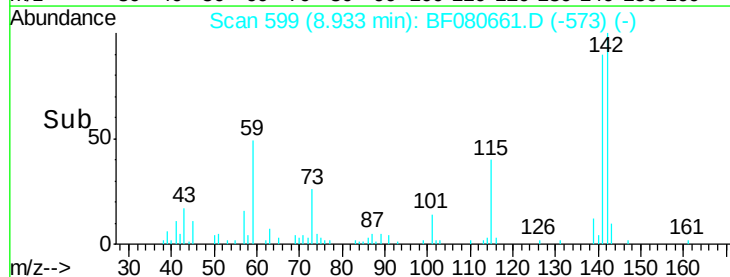
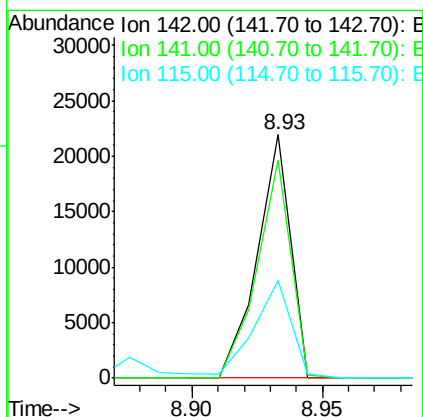
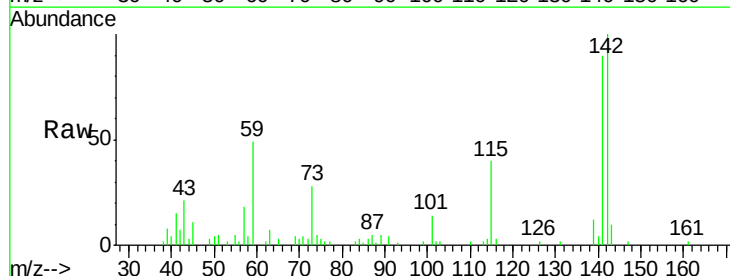
Instrument :
 BNA_F
 ClientSampleId :
 MW-9-7-22-15

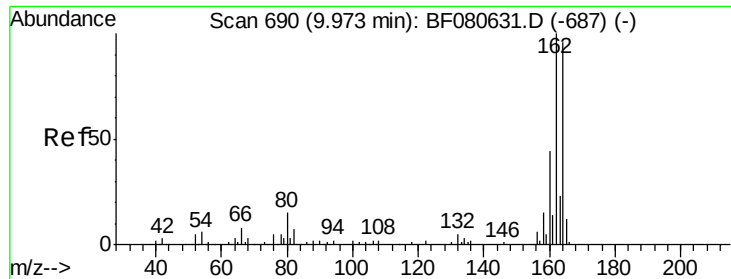
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.8	52.2
54	53.2	45.4	68.0



#37
 2-Methylnaphthalene
 Concen: 2.89 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF080661.D
 Acq: 25 Jul 2015 10:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.7	106.1
115	40.0	29.3	43.9

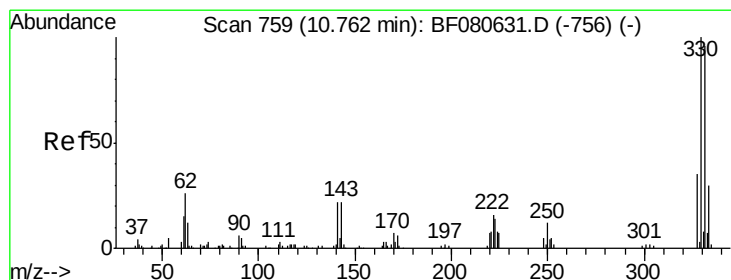
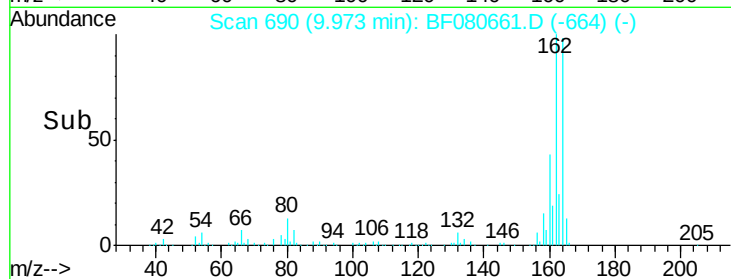
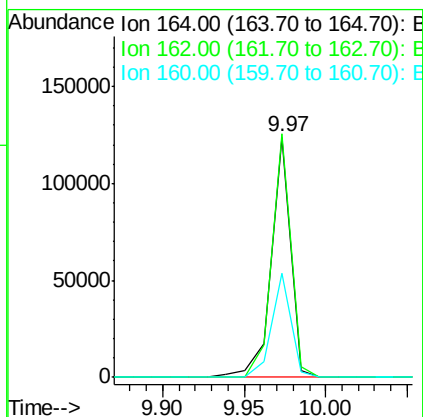
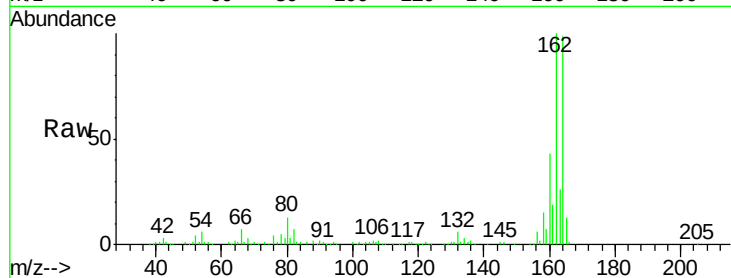




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF080661.D
Acq: 25 Jul 2015 10:20

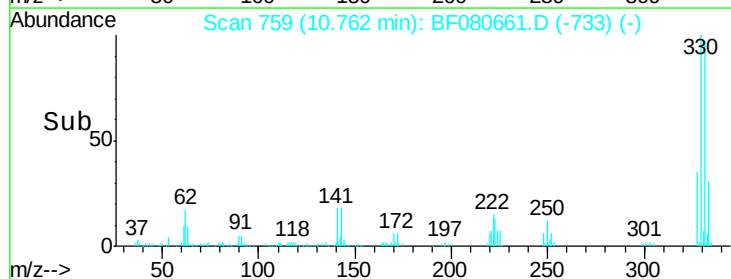
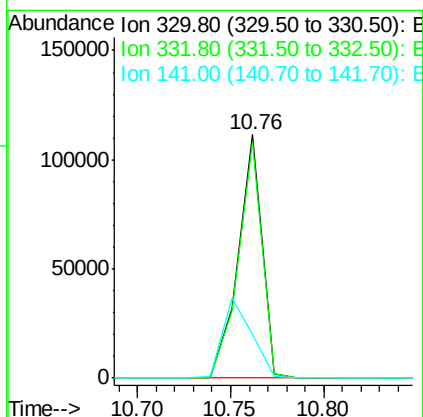
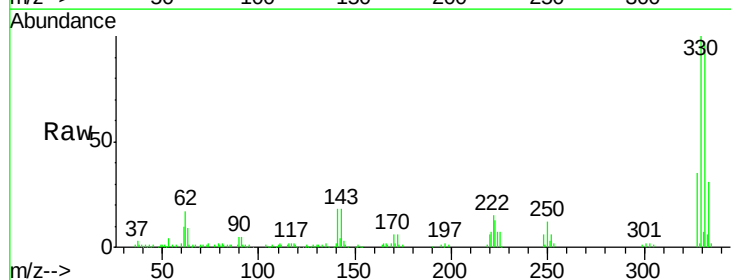
Instrument :
BNA_F
ClientSampleId :
MW-9-7-22-15

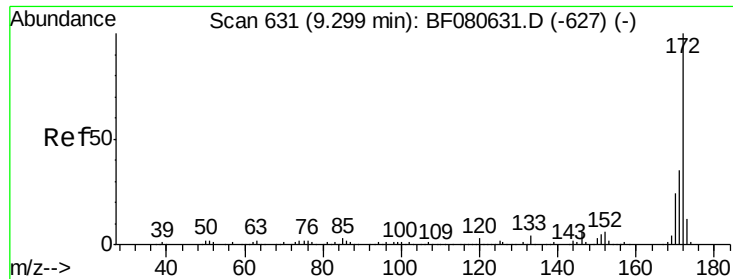
Tgt Ion:164 Resp: 102693
Ion Ratio Lower Upper
164 100
162 101.4 83.3 124.9
160 43.1 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 108.47 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF080661.D
Acq: 25 Jul 2015 10:20

Tgt Ion:330 Resp: 100080
Ion Ratio Lower Upper
330 100
332 96.9 76.7 115.1
141 39.7 32.7 49.1

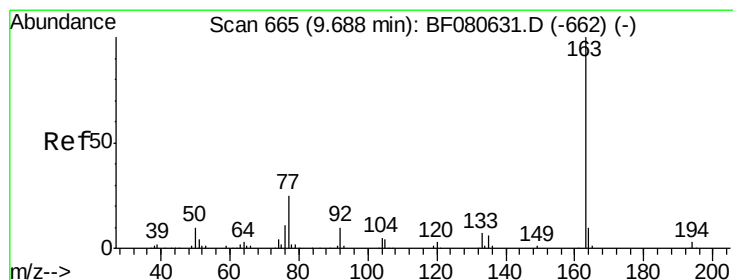
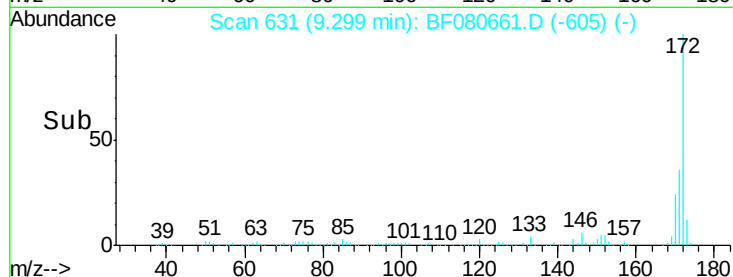
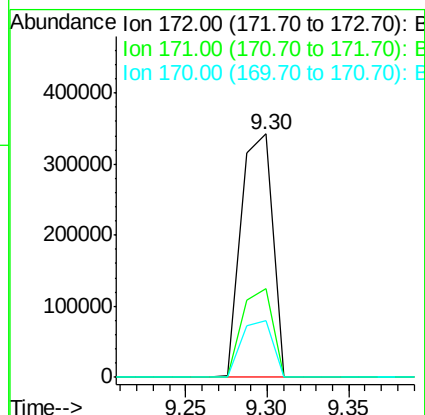
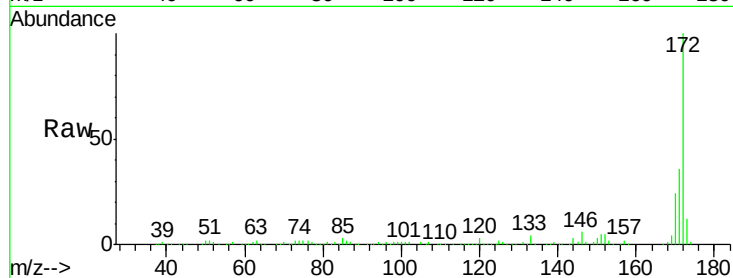




#44
2-Fluorobiphenyl
Concen: 68.18 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF080661.D
Acq: 25 Jul 2015 10:20

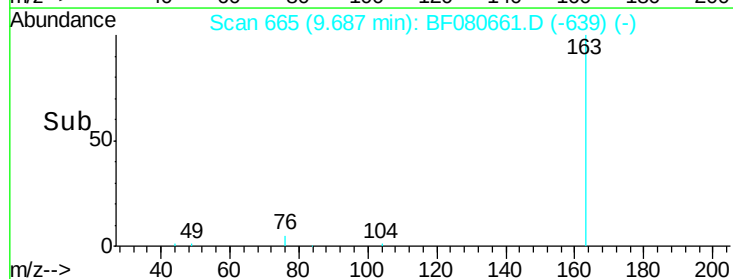
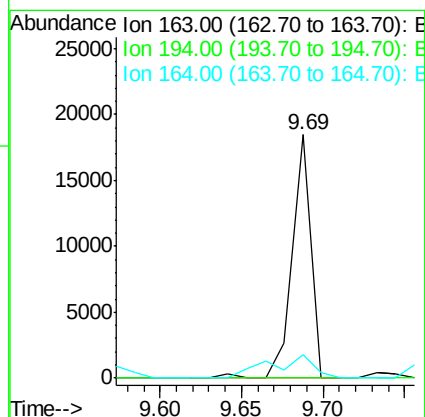
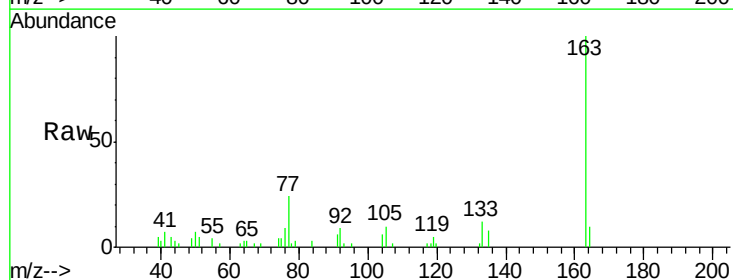
Instrument :
BNA_F
ClientSampleId :
MW-9-7-22-15

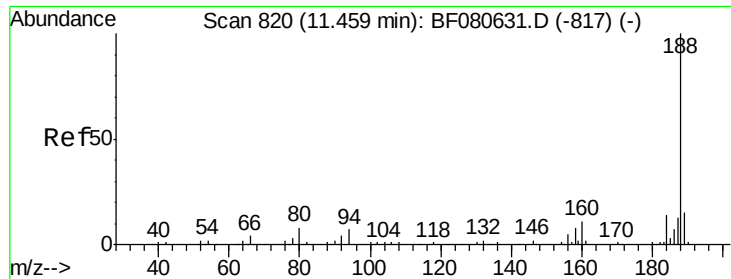
Tgt Ion:172 Resp: 453786
Ion Ratio Lower Upper
172 100
171 36.5 27.7 41.5
170 23.6 19.0 28.4



#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080661.D
Acq: 25 Jul 2015 10:20

Tgt Ion:163 Resp: 14760
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 9.6 8.0 12.0

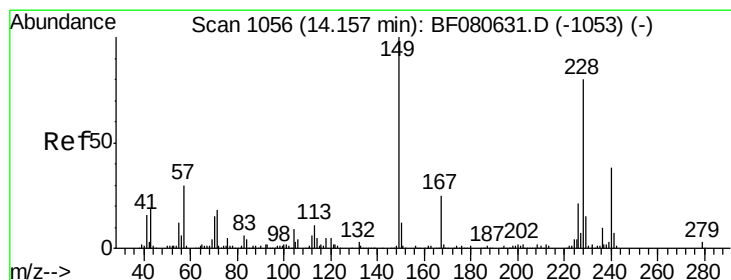
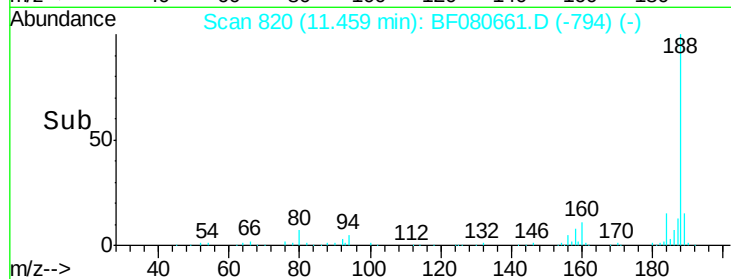
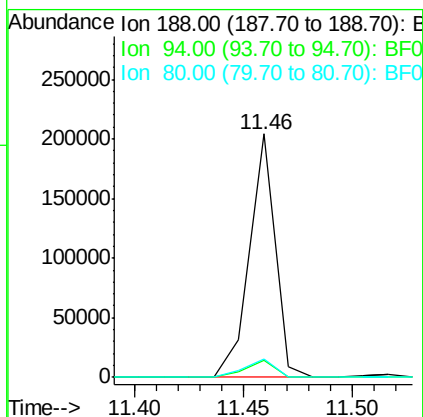
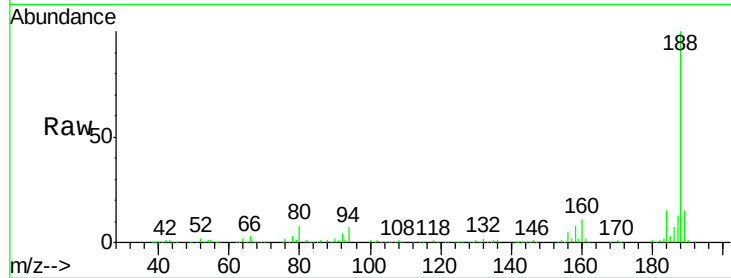




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080661.D
Acq: 25 Jul 2015 10:20

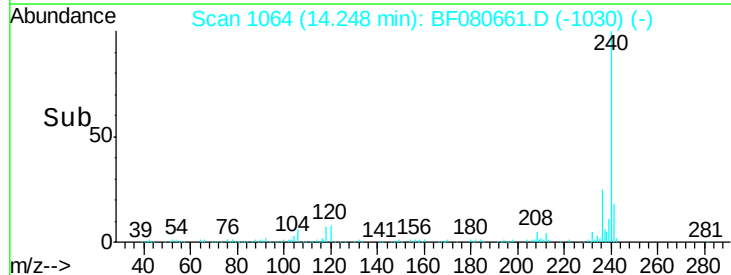
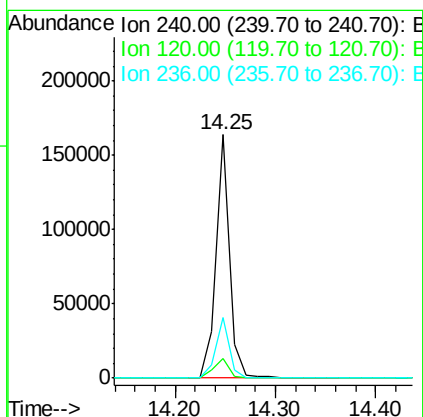
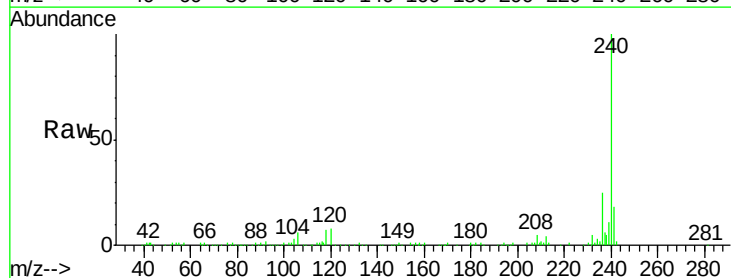
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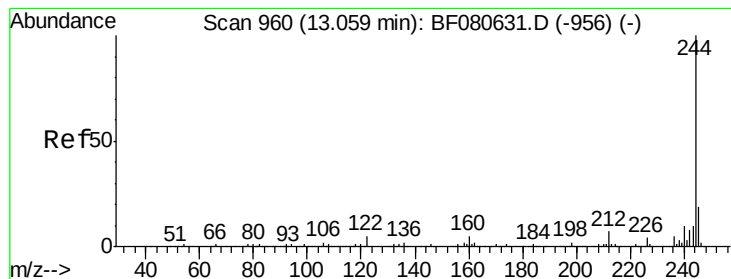
Tgt Ion:188 Resp: 168595
Ion Ratio Lower Upper
188 100
94 6.8 5.6 8.4
80 7.6 6.1 9.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.25 min Scan# 1064
Delta R.T. 0.09 min
Lab File: BF080661.D
Acq: 25 Jul 2015 10:20

Tgt Ion:240 Resp: 153171
Ion Ratio Lower Upper
240 100
120 7.9 10.8 16.2#
236 24.8 20.3 30.5





#78

Terphenyl-d14

Concen: 68.70 ng

RT: 13.08 min Scan# 962

Delta R.T. 0.02 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

Instrument :

BNA_F

ClientSampleId :

MW-9-7-22-15

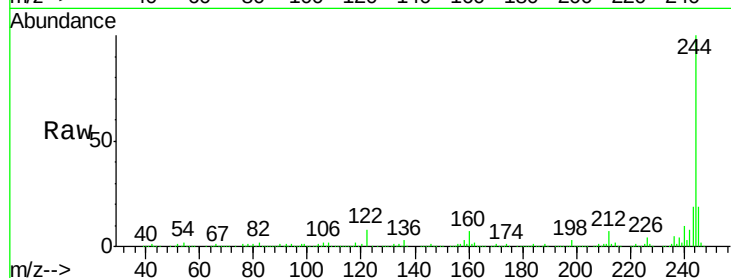
Tgt Ion:244 Resp: 488733

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

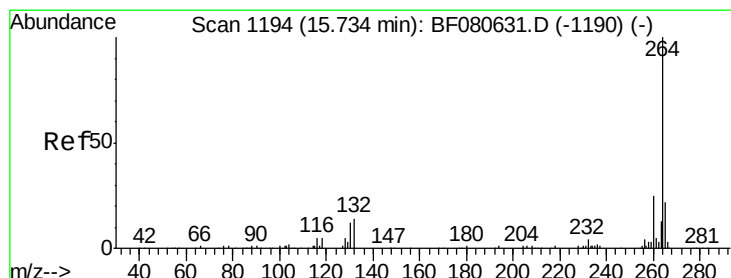
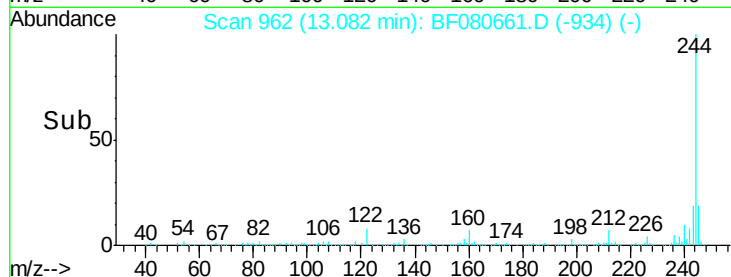
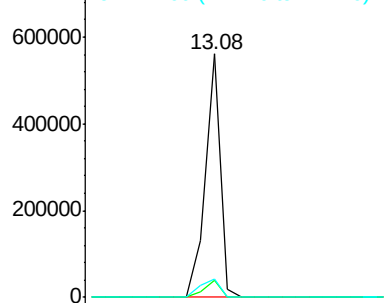
122 7.6 4.1 6.1#



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: 15.92 min Scan# 1210

Delta R.T. 0.18 min

Lab File: BF080661.D

Acq: 25 Jul 2015 10:20

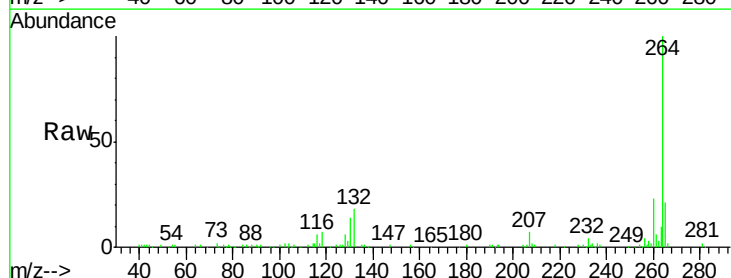
Tgt Ion:264 Resp: 132954

Ion Ratio Lower Upper

264 100

260 23.2 20.1 30.1

265 21.3 17.4 26.0



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

