

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
 Data File : BF080012.D
 Acq On : 17 Jun 2015 4:31
 Operator : TP/IZ
 Sample : G2649-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AST-HB-001

Quant Time: Jun 17 05:31:15 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

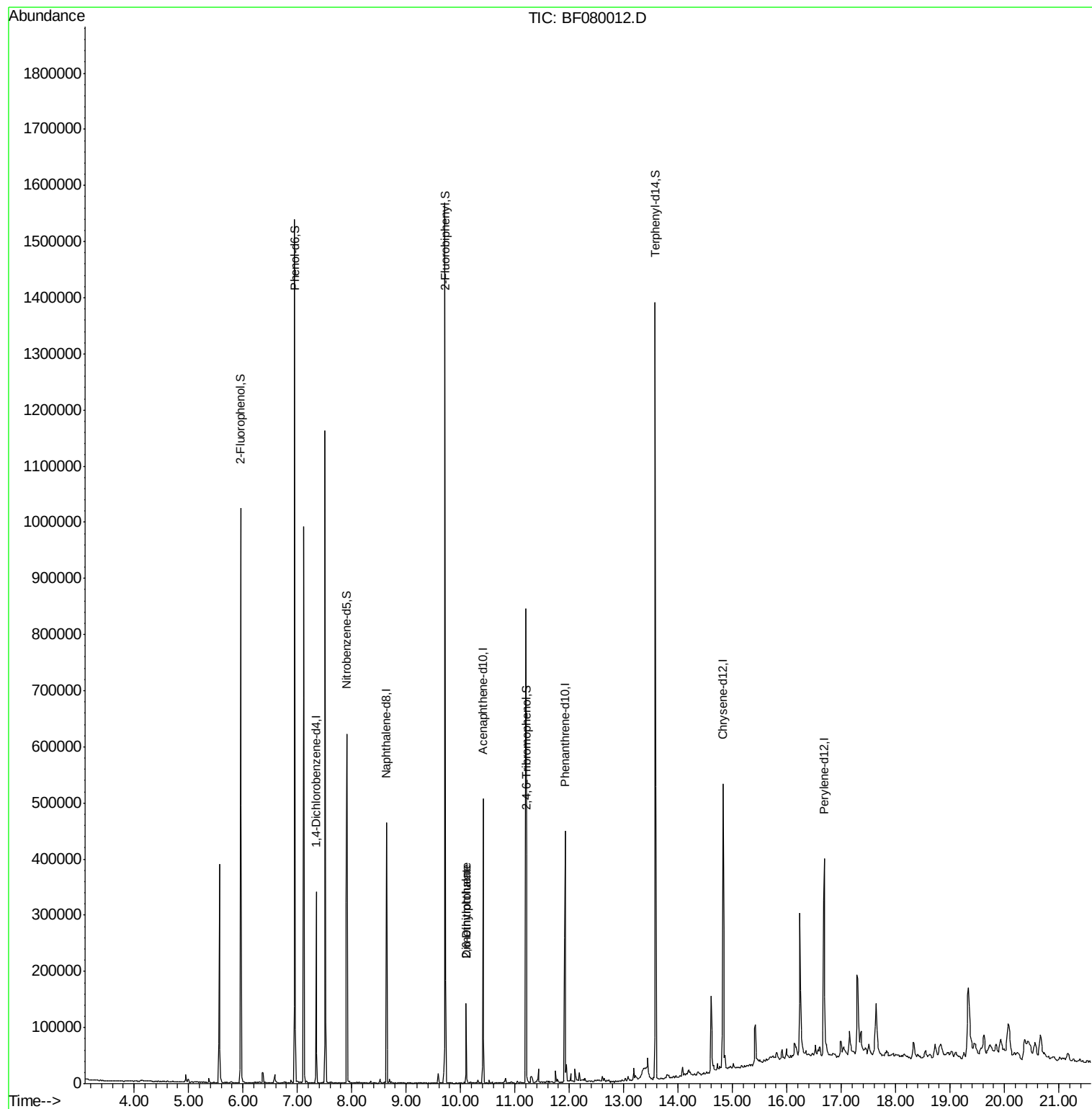
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	45246	20.00	ng	0.00
21) Naphthalene-d8	8.64	136	182141	20.00	ng	0.00
38) Acenaphthene-d10	10.41	164	91932	20.00	ng	0.00
63) Phenanthrene-d10	11.92	188	179492	20.00	ng	0.00
75) Chrysene-d12	14.83	240	214101	20.00	ng	-0.08
86) Perylene-d12	16.69	264	215200	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.96	112	300602	121.82	ng	0.00
7) Phenol-d6	6.95	99	434762	129.33	ng	0.00
23) Nitrobenzene-d5	7.91	82	221261	80.15	ng	0.00
41) 2,4,6-Tribromophenol	11.21	330	100994	109.55	ng	0.00
44) 2-Fluorobiphenyl	9.72	172	428802	65.31	ng	0.00
78) Terphenyl-d14	13.58	244	473170	50.95	ng	-0.05
Target Compounds						
49) Dimethylphthalate	10.10	163	51763	7.03	ng	99
50) 2,6-Dinitrotoluene	10.10	165	567	3.44	ng	# 29
82) Chrysene	14.81	228	10440	Below Cal		98

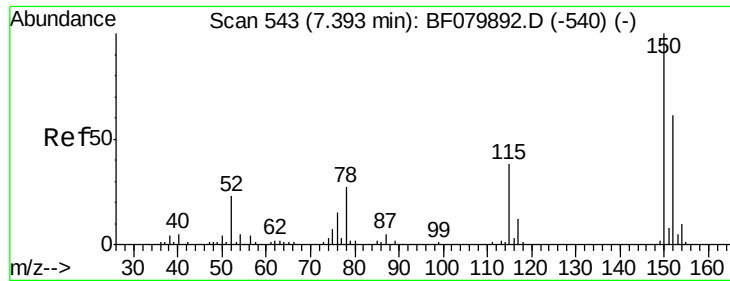
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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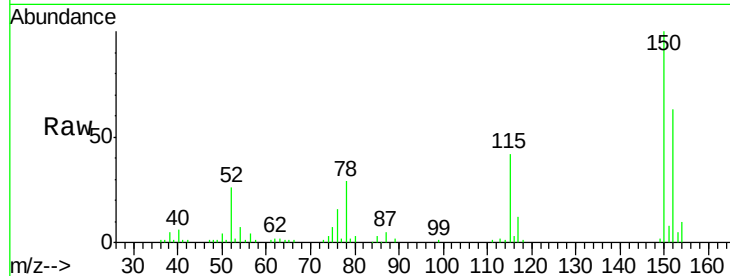


#1

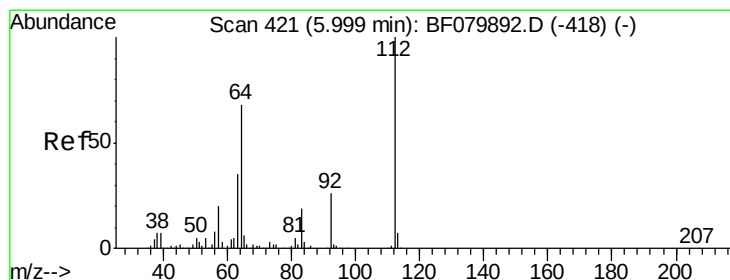
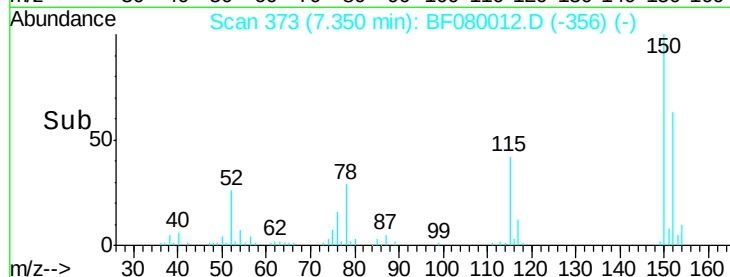
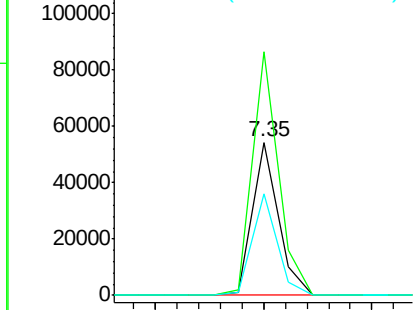
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF080012.D
Acq: 17 Jun 2015 4:31

Instrument :
BNA_F
ClientSampleId :
AST-HB-001

Tgt Ion:152 Resp: 45246
Ion Ratio Lower Upper
152 100
150 158.8 131.0 196.4
115 66.0 49.8 74.6



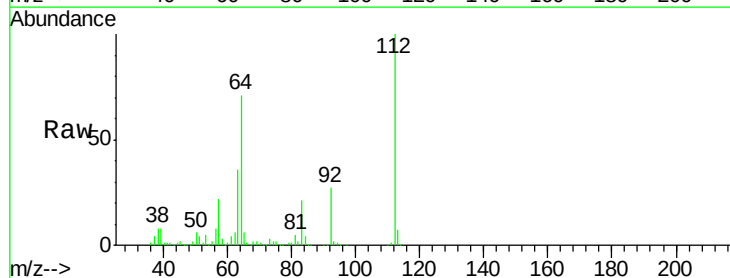
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



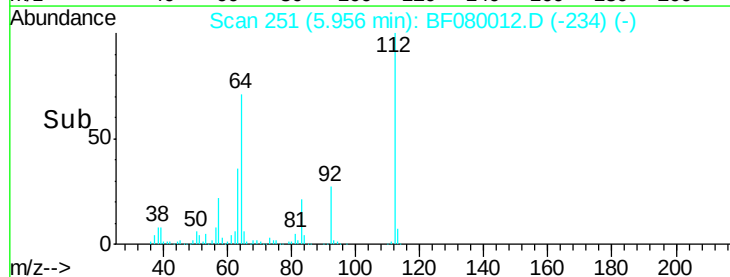
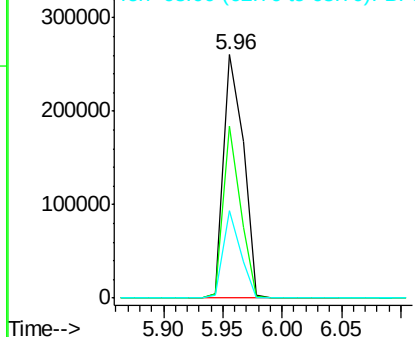
#5

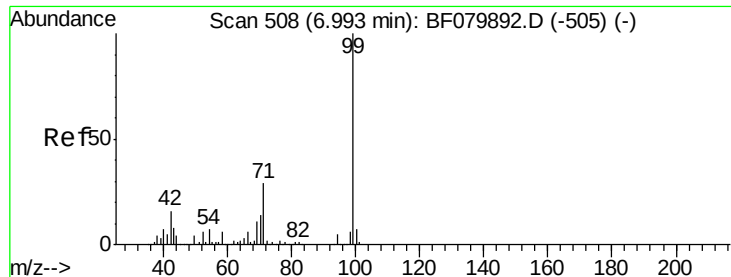
2-Fluorophenol
Concen: 121.82 ng
RT: 5.96 min Scan# 251
Delta R.T. -0.00 min
Lab File: BF080012.D
Acq: 17 Jun 2015 4:31

Tgt Ion:112 Resp: 300602
Ion Ratio Lower Upper
112 100
64 70.7 54.5 81.7
63 36.2 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: 129.33 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF080012.D

Acq: 17 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

AST-HB-001

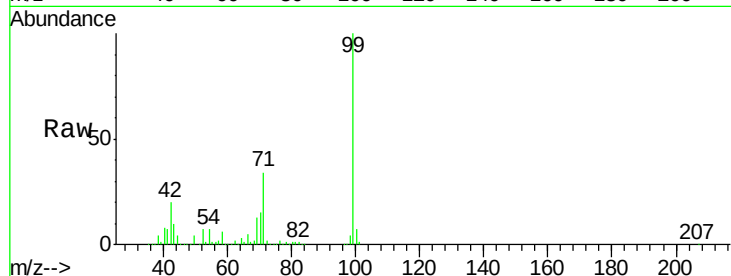
Tgt Ion: 99 Resp: 434762

Ion Ratio Lower Upper

99 100

42 19.7 12.9 19.3#

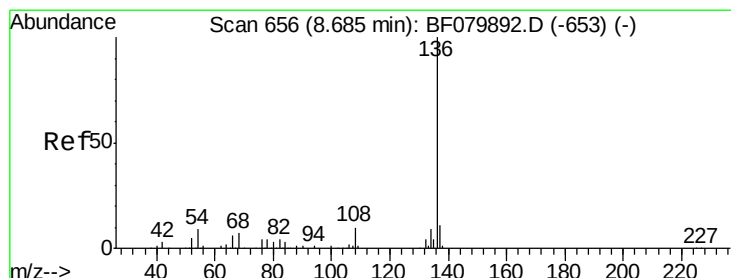
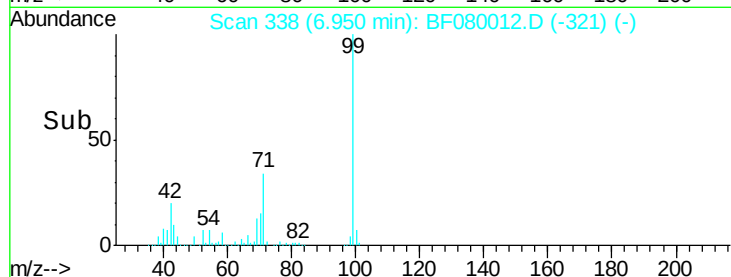
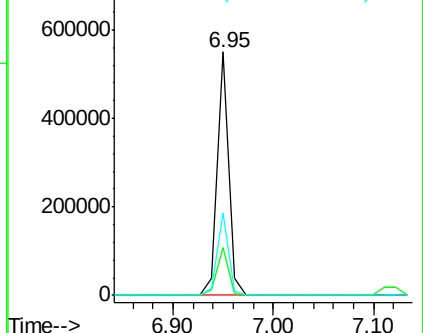
71 33.8 23.4 35.2



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: BF080012.D

Acq: 17 Jun 2015 4:31

Tgt Ion: 136 Resp: 182141

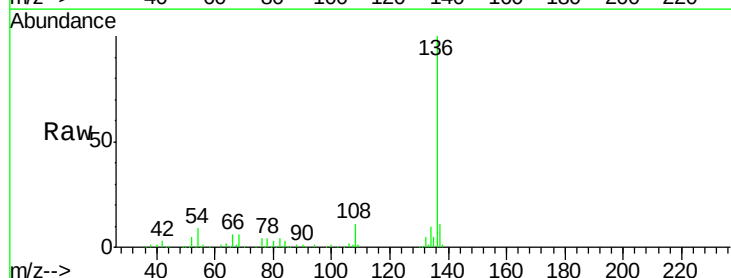
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.6 7.3 10.9

68 6.2 5.9 8.9

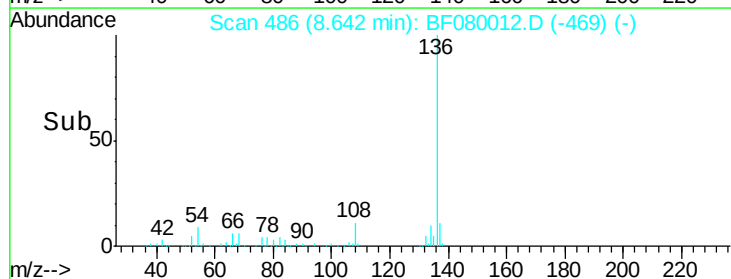
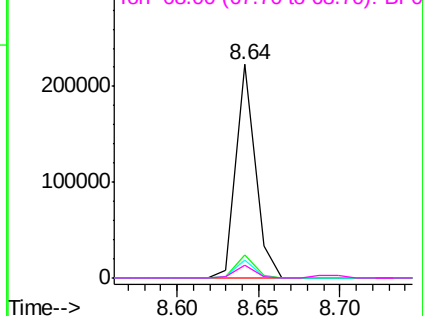


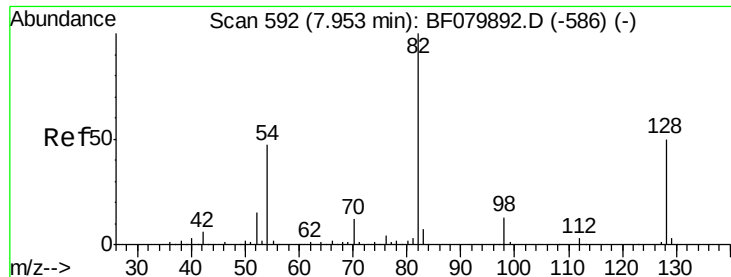
Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.15 ng

RT: 7.91 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF080012.D

Acq: 17 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

AST-HB-001

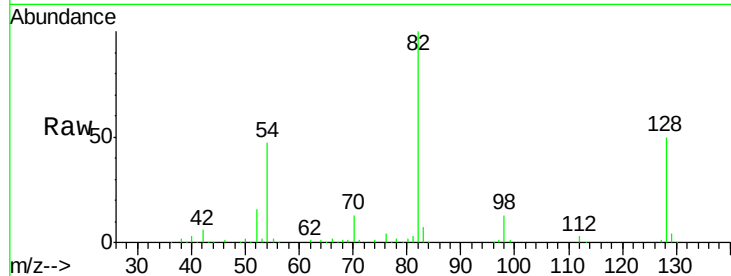
Tgt Ion: 82 Resp: 221261

Ion Ratio Lower Upper

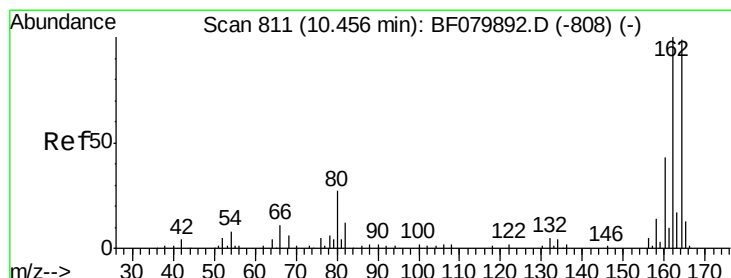
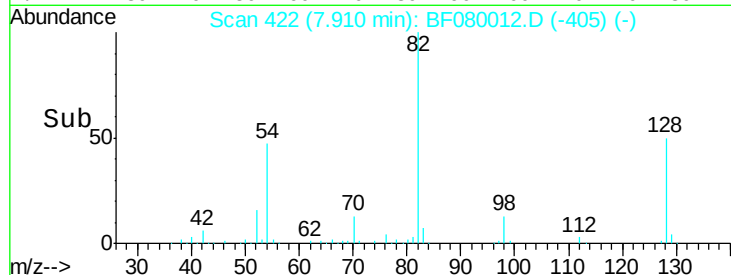
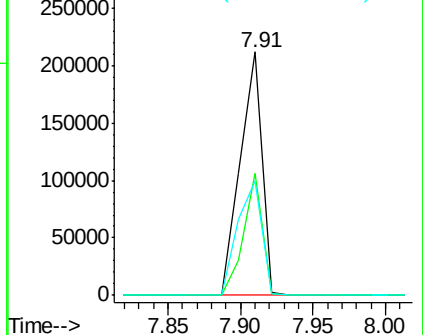
82 100

128 49.9 40.3 60.5

54 47.2 38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.41 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF080012.D

Acq: 17 Jun 2015 4:31

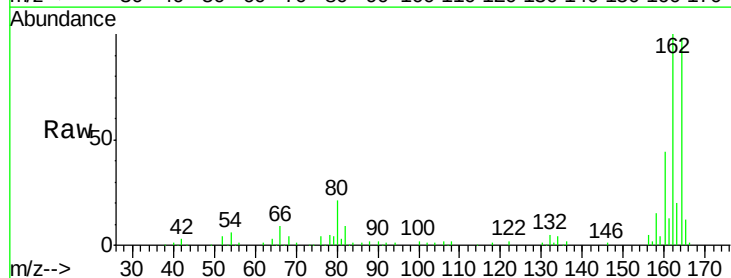
Tgt Ion: 164 Resp: 91932

Ion Ratio Lower Upper

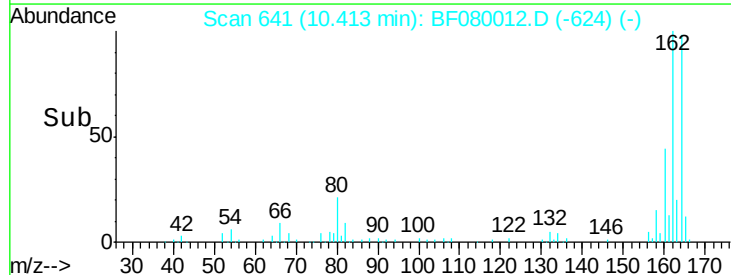
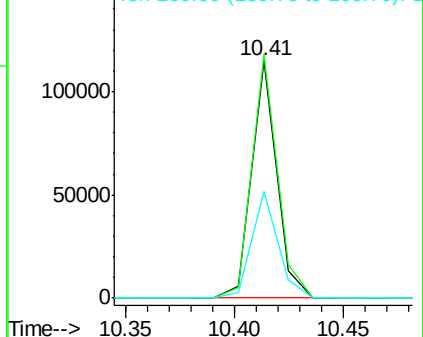
164 100

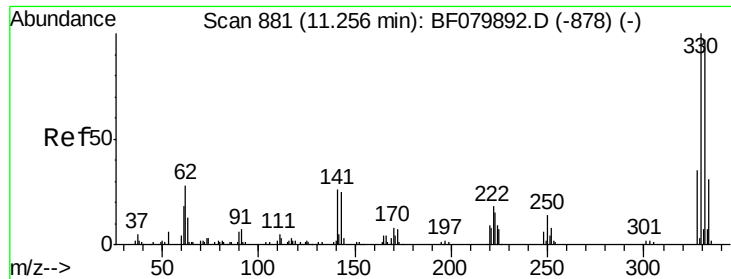
162 102.4 80.7 121.1

160 44.8 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

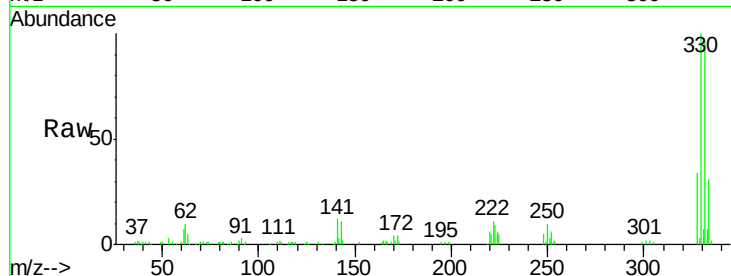




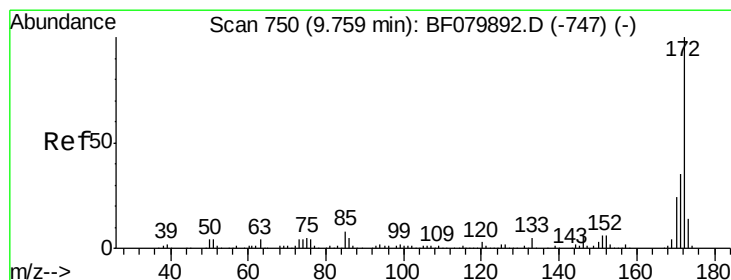
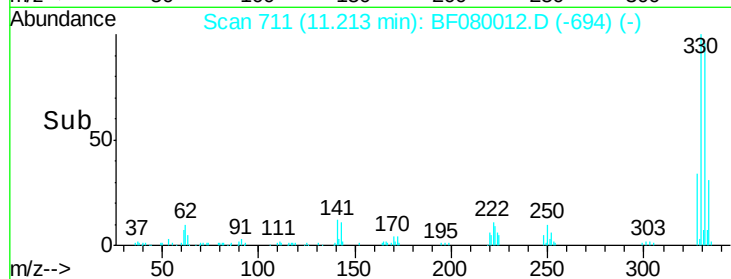
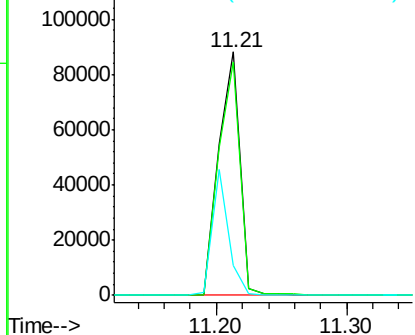
#41
 2,4,6-Tribromophenol
 Concen: 109.55 ng
 RT: 11.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF080012.D
 Acq: 17 Jun 2015 4:31

Instrument :
 BNA_F
 ClientSampleId :
 AST-HB-001

Tgt Ion:330 Resp: 100994
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 39.3 26.8 40.2

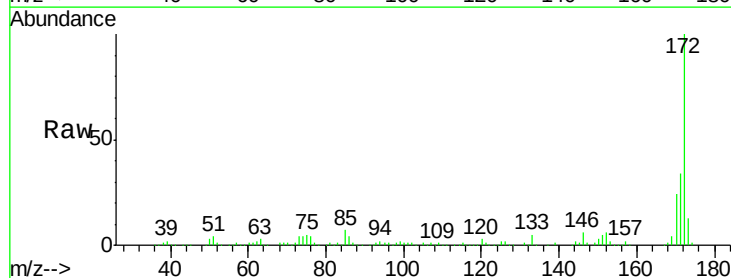


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

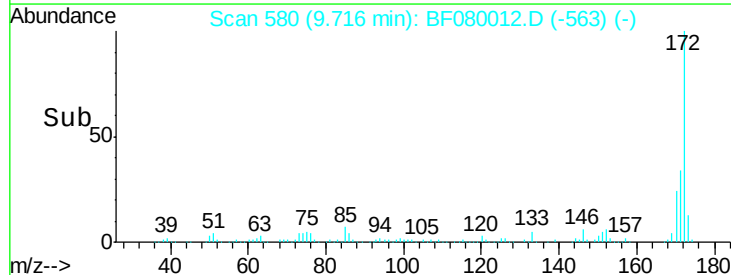
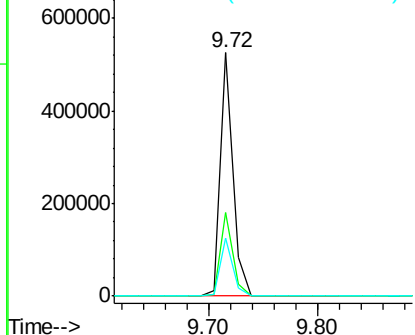


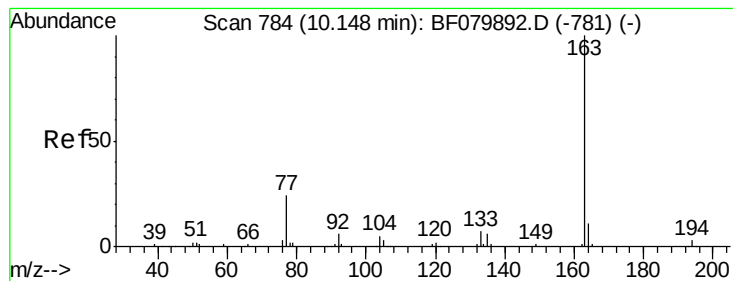
#44
 2-Fluorobiphenyl
 Concen: 65.31 ng
 RT: 9.72 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF080012.D
 Acq: 17 Jun 2015 4:31

Tgt Ion:172 Resp: 428802
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.3 42.5
 170 24.1 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





#49

Dimethylphthalate

Concen: 7.03 ng

RT: 10.10 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF080012.D

Acq: 17 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

AST-HB-001

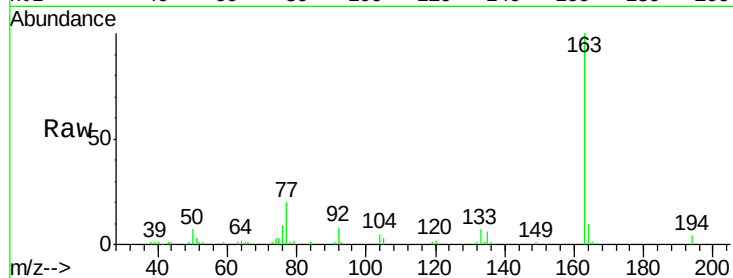
Tgt Ion:163 Resp: 51763

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

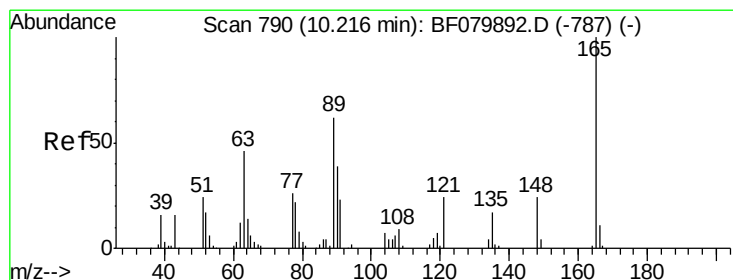
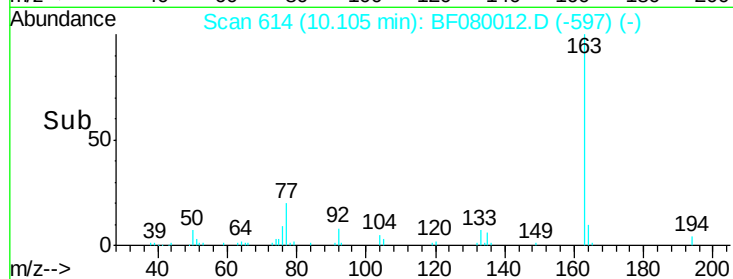
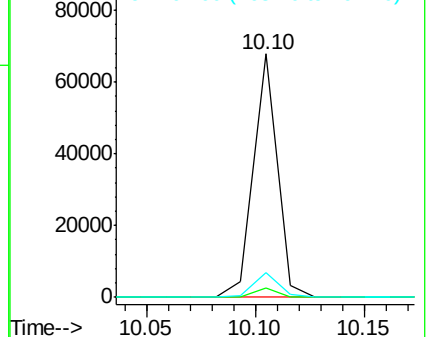
164 10.4 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 3.44 ng

RT: 10.10 min Scan# 614

Delta R.T. -0.07 min

Lab File: BF080012.D

Acq: 17 Jun 2015 4:31

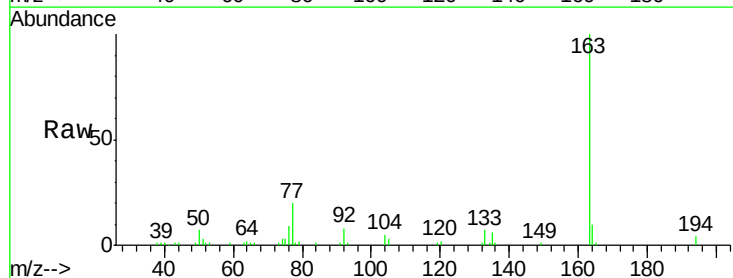
Tgt Ion:165 Resp: 567

Ion Ratio Lower Upper

165 100

63 102.9 46.4 69.6#

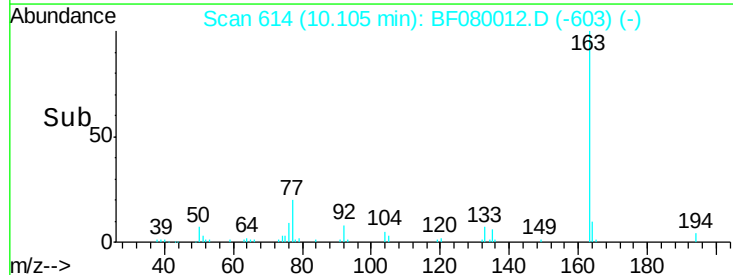
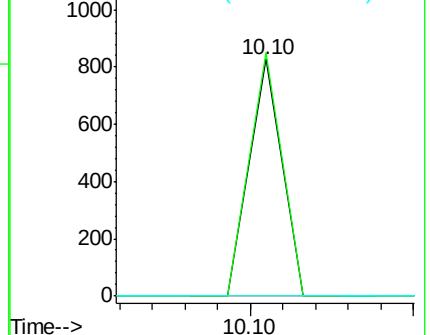
89 0.0 49.6 74.4#

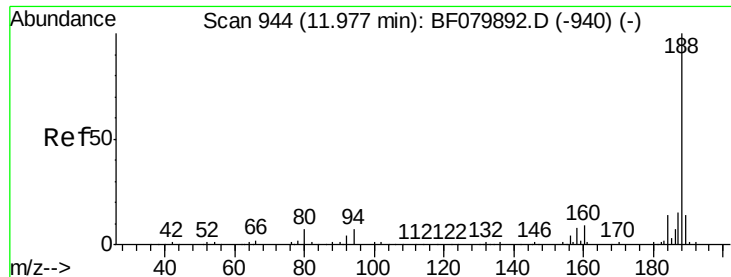


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

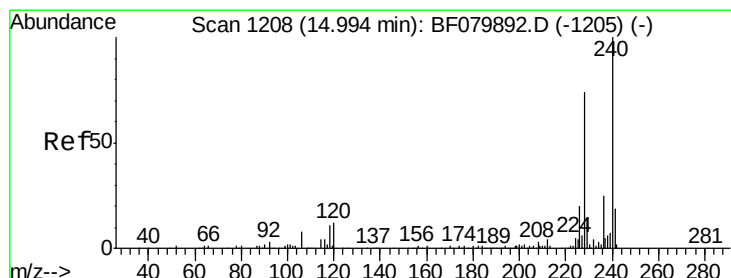
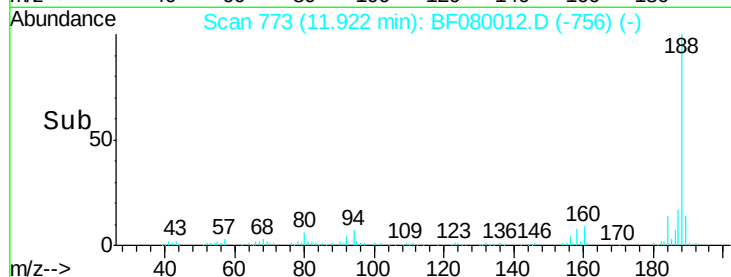
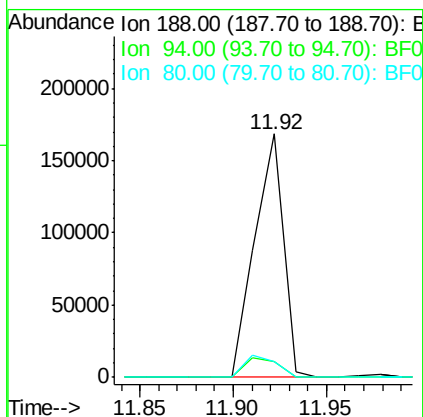
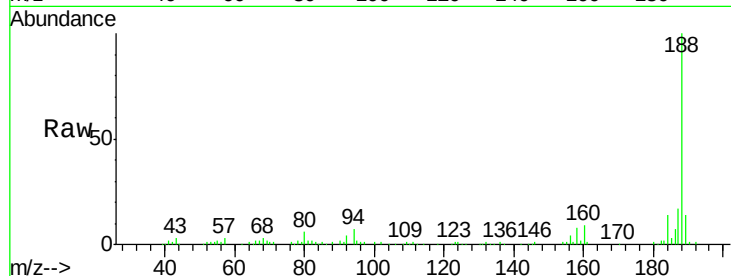




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF080012.D
Acq: 17 Jun 2015 4:31

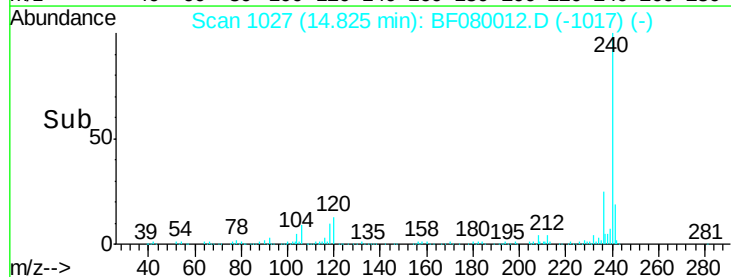
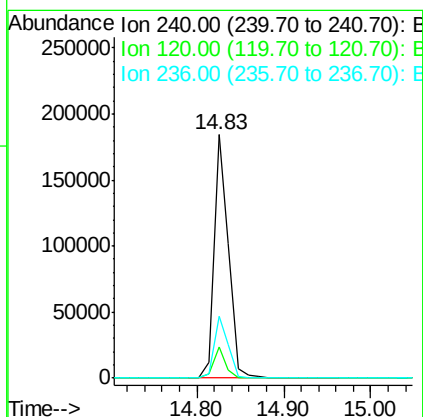
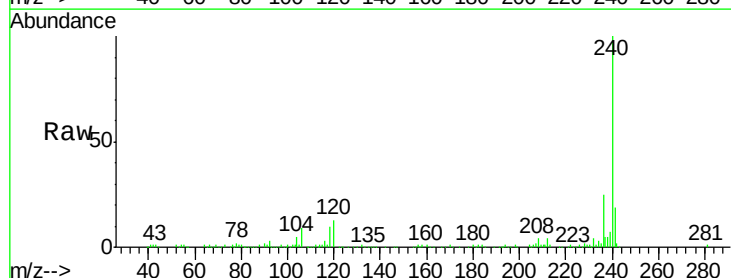
Instrument :
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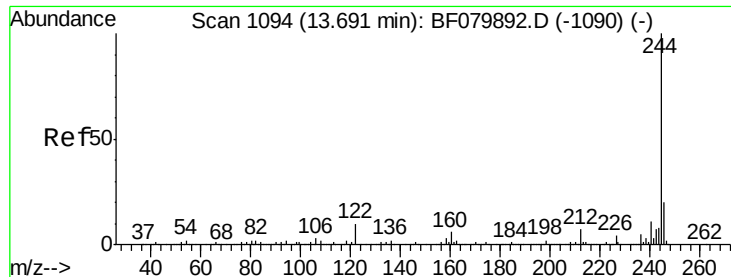
Tgt Ion:188 Resp: 179492
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 6.4 5.9 8.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.83 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF080012.D
Acq: 17 Jun 2015 4:31

Tgt Ion:240 Resp: 214101
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.2
236 25.4 19.6 29.4





#78

Terphenyl-d14

Concen: 50.95 ng

RT: 13.58 min Scan# 918

Delta R.T. -0.05 min

Lab File: BF080012.D

Acq: 17 Jun 2015 4:31

Instrument :

BNA_F

ClientSampleId :

AST-HB-001

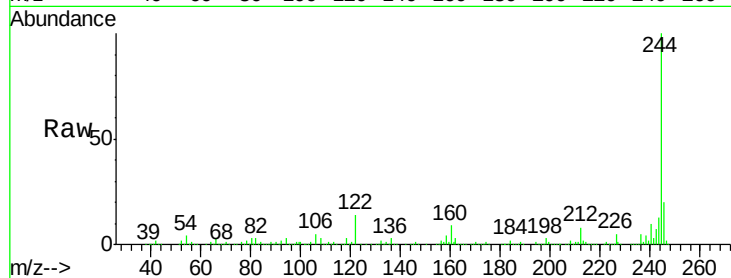
Tgt Ion:244 Resp: 473170

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.2

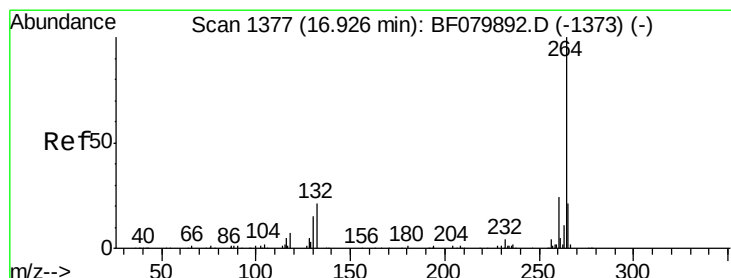
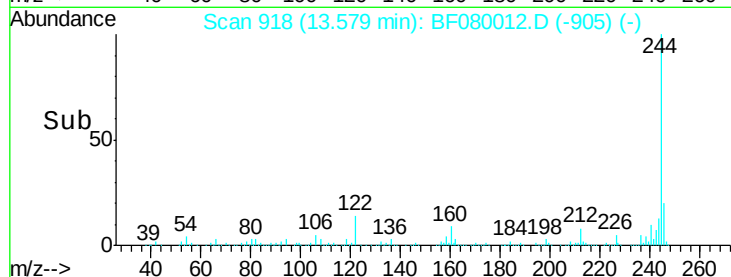
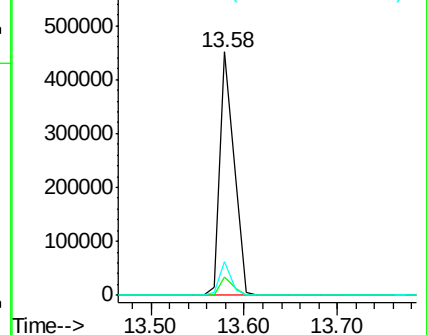
122 14.0 7.8 11.8#



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: 16.69 min Scan# 1190

Delta R.T. -0.11 min

Lab File: BF080012.D

Acq: 17 Jun 2015 4:31

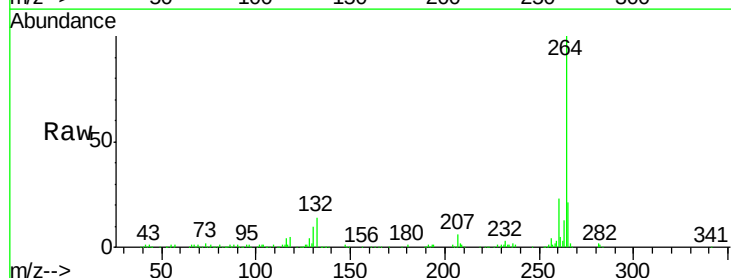
Tgt Ion:264 Resp: 215200

Ion Ratio Lower Upper

264 100

260 23.1 19.3 28.9

265 21.5 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

