

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078819.D
 Acq On : 29 Apr 2015 18:00
 Operator : TP/IZ
 Sample : G2021-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-15-20

Quant Time: Apr 30 01:44:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

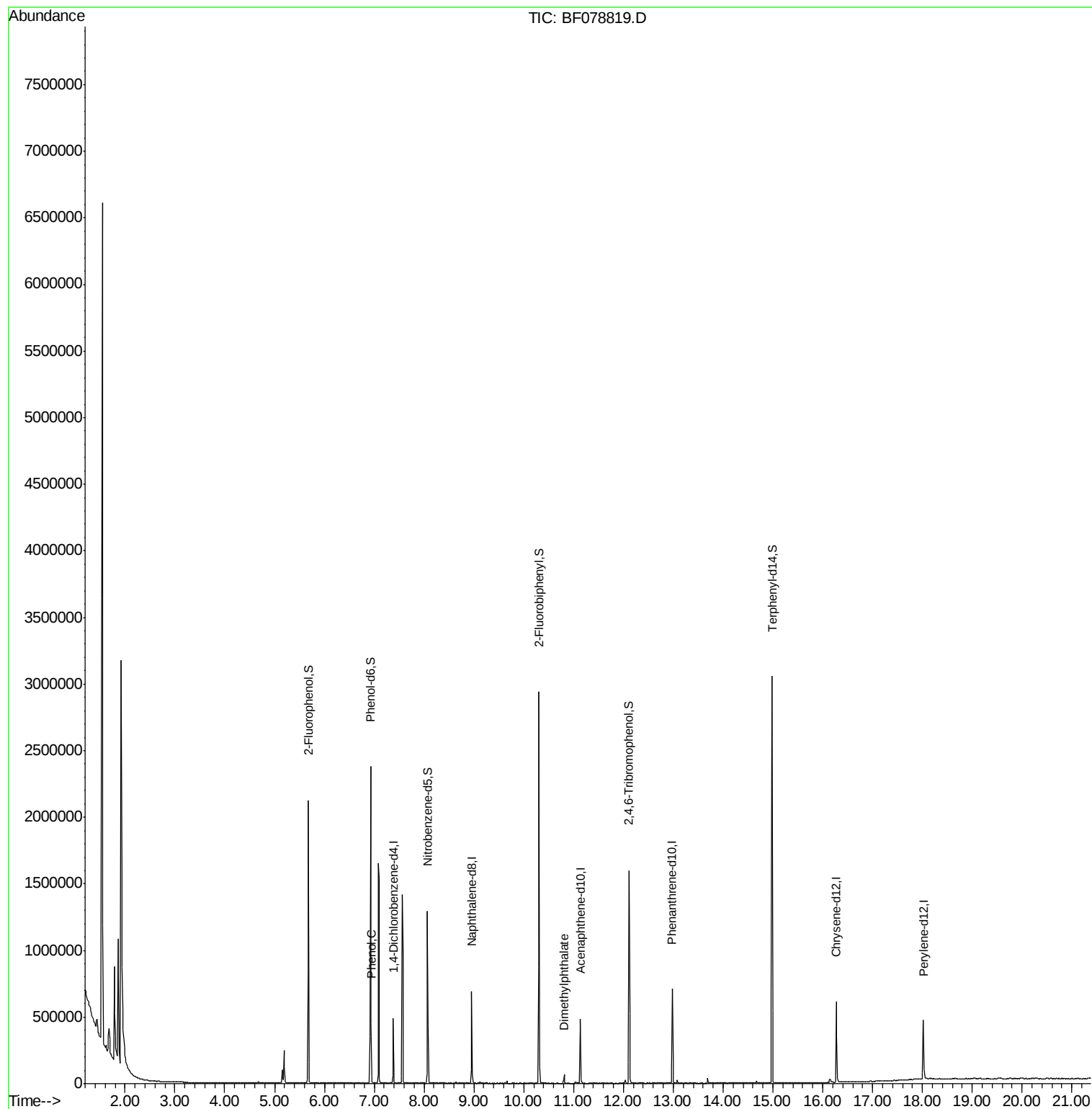
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	70268	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	293699	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	132519	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	260504	20.00	ng	0.00
75) Chrysene-d12	16.27	240	263519	20.00	ng	-0.02
86) Perylene-d12	18.02	264	266129	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	610854	159.67	ng	0.00
7) Phenol-d6	6.92	99	765246	149.77	ng	0.00
23) Nitrobenzene-d5	8.07	82	414223	101.54	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	197248	148.92	ng	-0.01
44) 2-Fluorobiphenyl	10.31	172	924899	95.58	ng	0.00
78) Terphenyl-d14	14.98	244	995946	90.01	ng	0.00
Target Compounds						
10) Phenol	6.94	94	28540	4.73	ng	Qvalue # 66
49) Dimethylphthalate	10.81	163	29555	3.14	ng	99

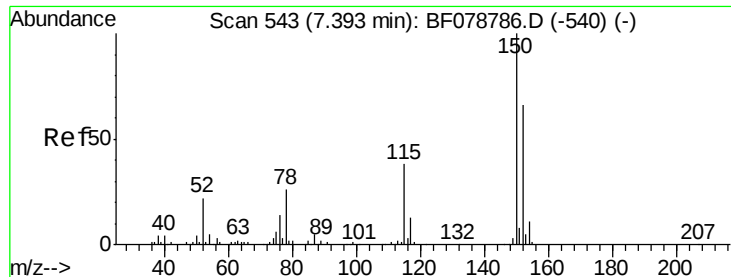
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
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QLast Update : Thu Apr 30 00:55:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078819.D

Acq: 29 Apr 2015 18:00

Instrument :

BNA_F

ClientSampleId :

PS-25-15-20

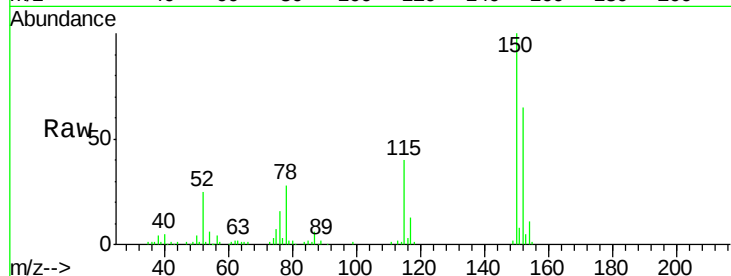
Tot Ion:152 Resp: 70268

Ion Ratio Lower Upper

152 100

150 153.0 122.0 183.0

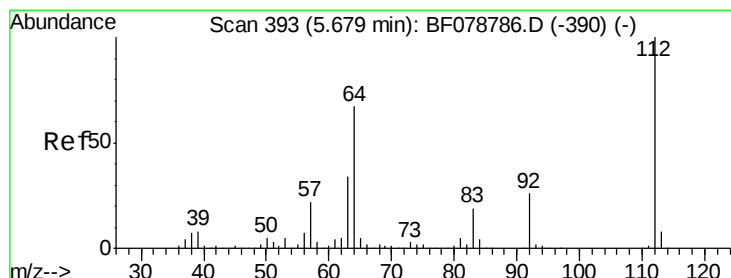
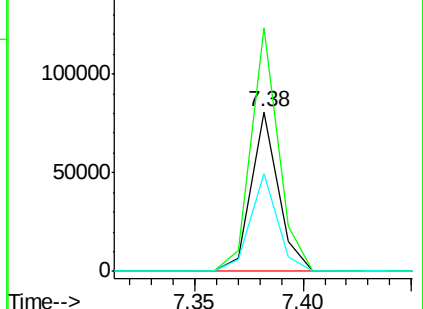
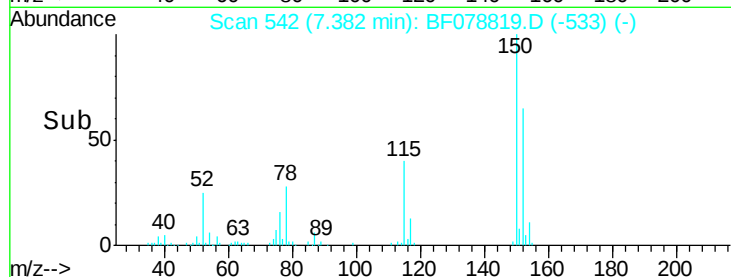
115 61.1 46.3 69.5



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: 159.67 ng

RT: 5.68 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF078819.D

Acq: 29 Apr 2015 18:00

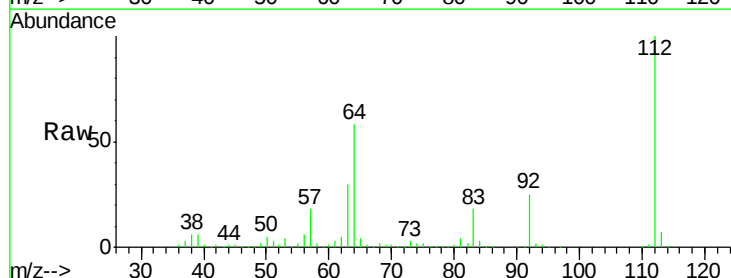
Tgt Ion:112 Resp: 610854

Ion Ratio Lower Upper

112 100

64 58.4 53.5 80.3

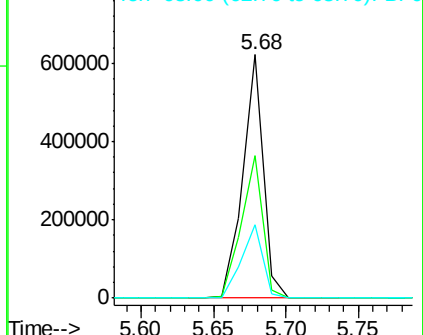
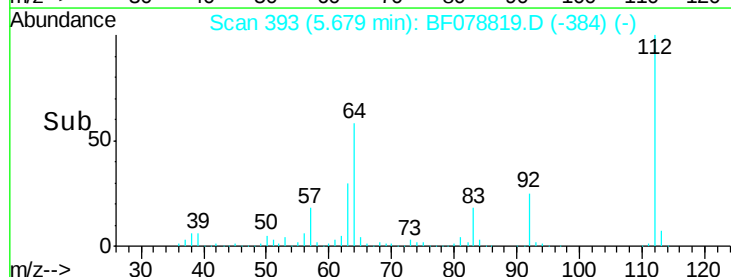
63 29.9 27.5 41.3

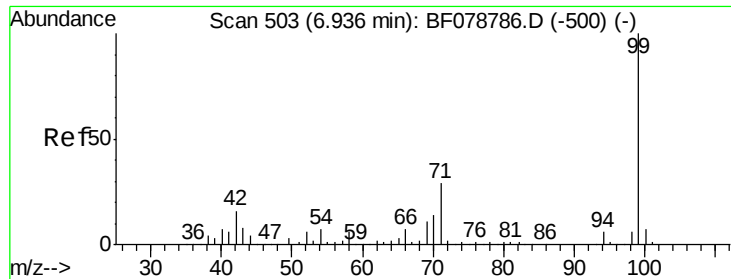


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 149.77 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078819.D

Acq: 29 Apr 2015 18:00

Instrument :

BNA_F

ClientSampled :

PS-25-15-20

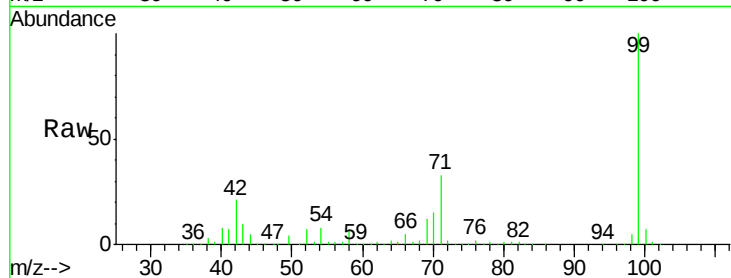
Tot Ion: 99 Resp: 765246

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

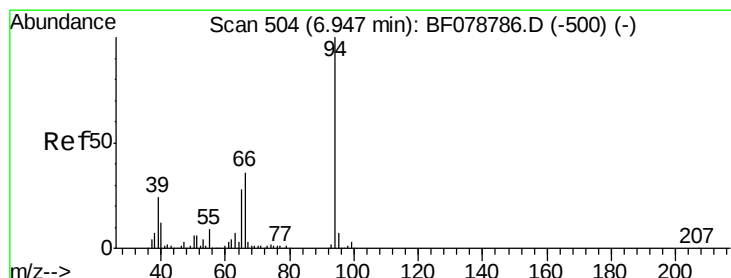
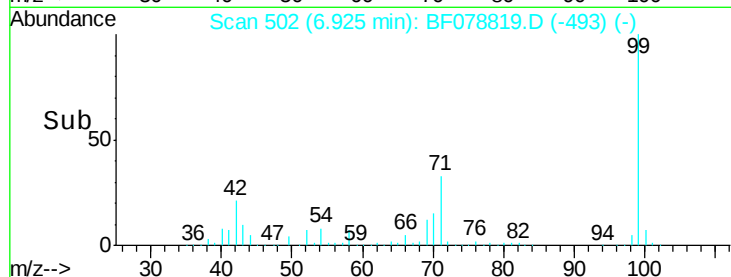
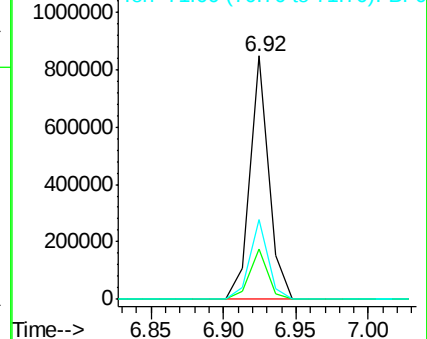
71 32.6 23.4 35.2



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



#10

Phenol

Concen: 4.73 ng

RT: 6.94 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078819.D

Acq: 29 Apr 2015 18:00

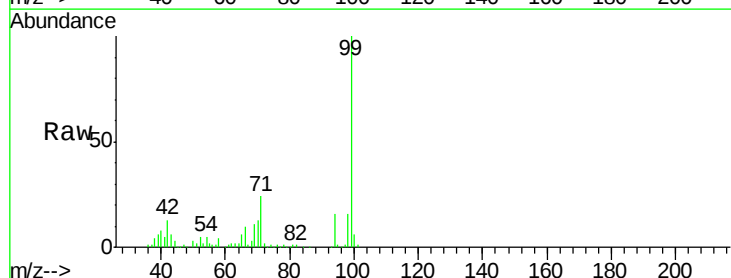
Tgt Ion: 94 Resp: 28540

Ion Ratio Lower Upper

94 100

65 38.3 8.5 48.5

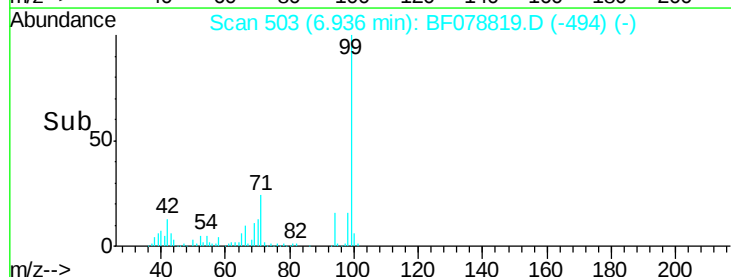
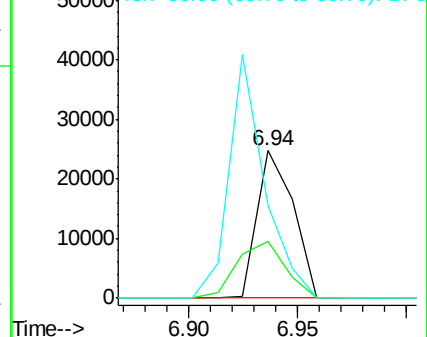
66 63.4 16.0 56.0#

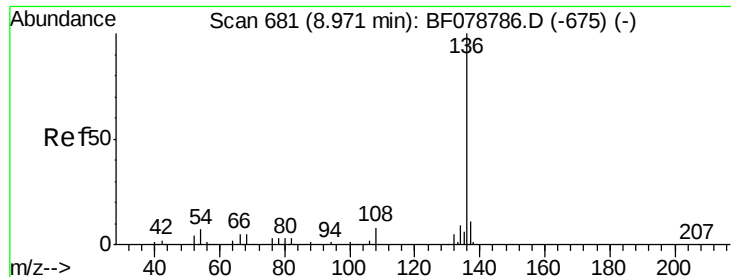


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

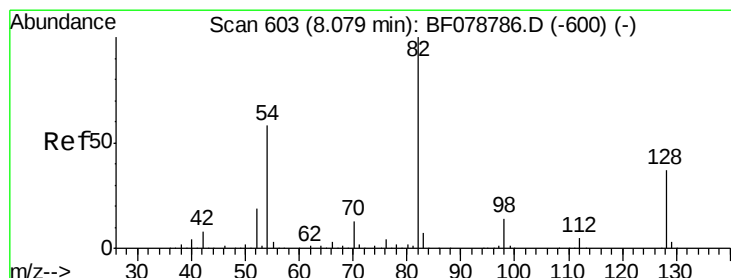
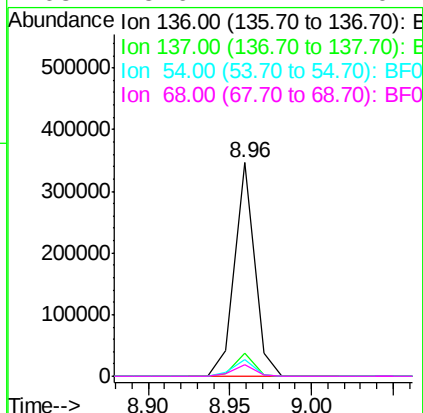
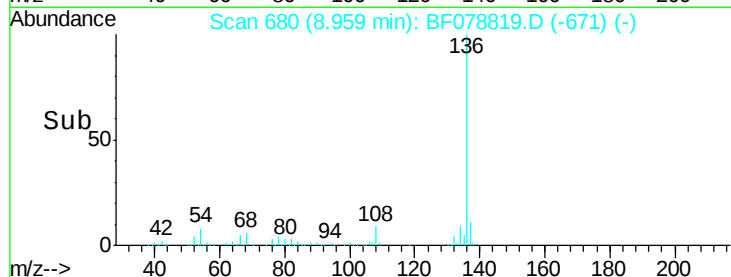
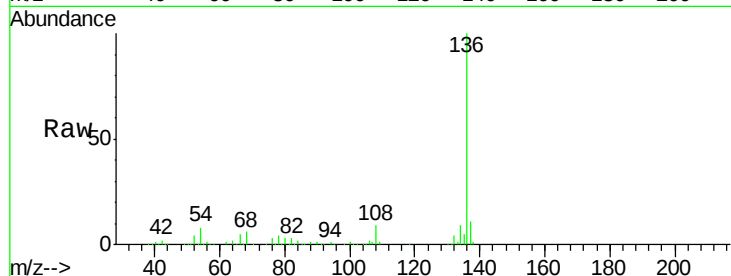




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF078819.D
Acq: 29 Apr 2015 18:00

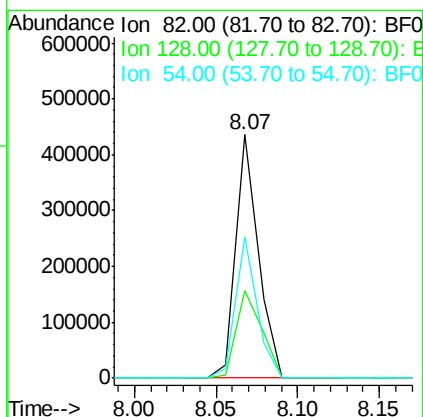
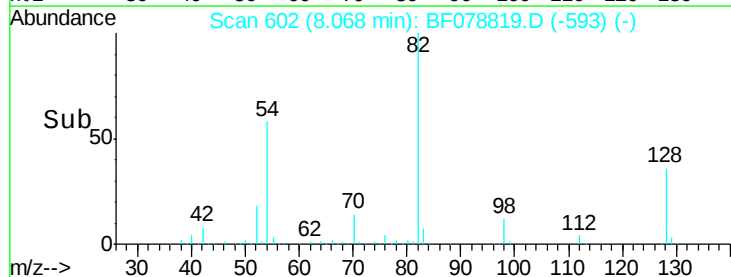
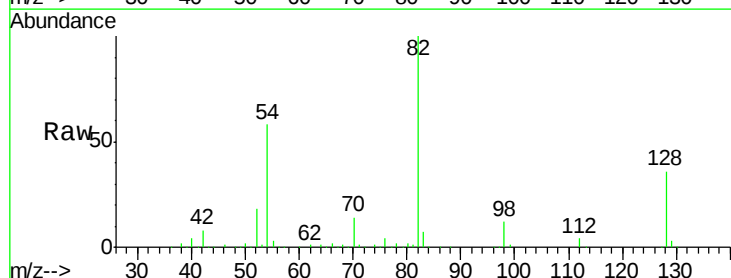
Instrument :
BNA_F
ClientSampleId :
PS-25-15-20

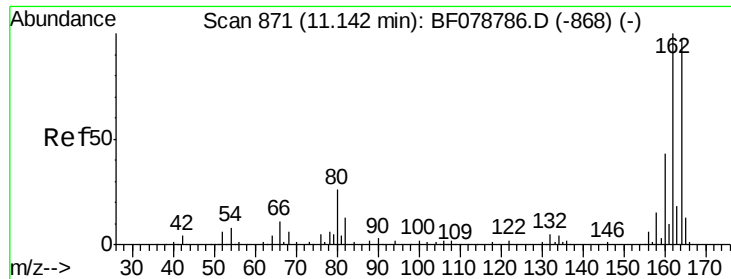
Tot Ion:136	Resp:	293699
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	7.7	5.8 8.8
68	5.6	4.2 6.4



#23
Nitrobenzene-d5
Concen: 101.54 ng
RT: 8.07 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF078819.D
Acq: 29 Apr 2015 18:00

Tgt Ion: 82	Resp:	414223
Ion	Ratio	Lower Upper
82	100	
128	36.0	30.0 45.0
54	58.2	46.4 69.6

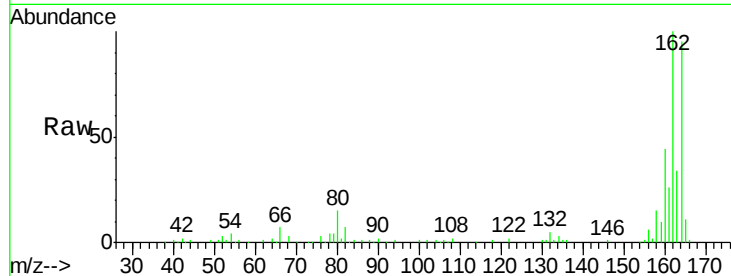




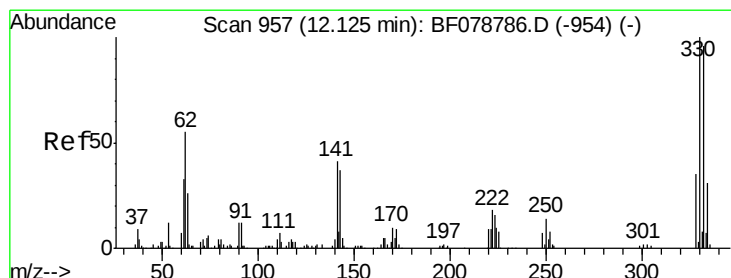
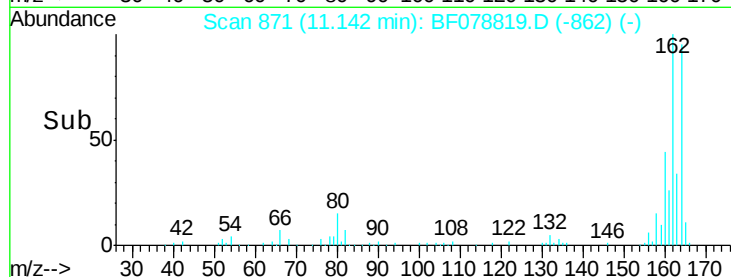
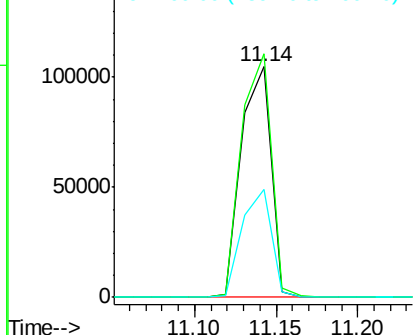
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF078819.D
 Acq: 29 Apr 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-15-20

Tot Ion:164 Resp: 132519
 Ion Ratio Lower Upper
 164 100
 162 105.5 82.7 124.1
 160 46.7 35.8 53.8

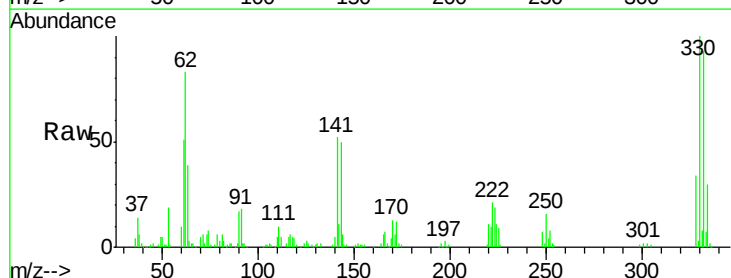


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

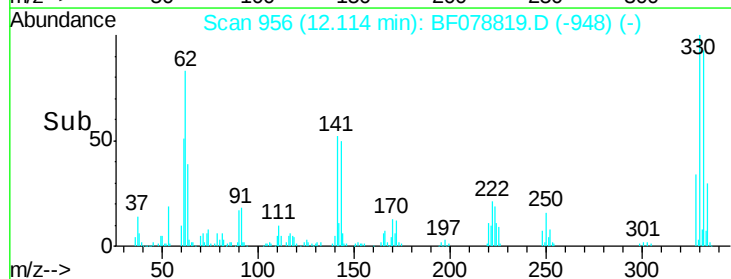
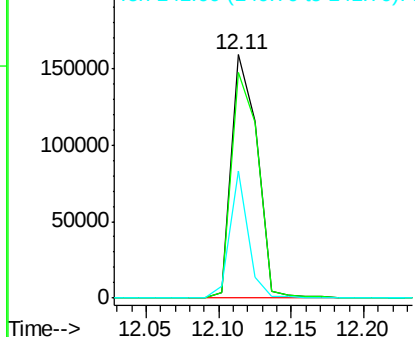


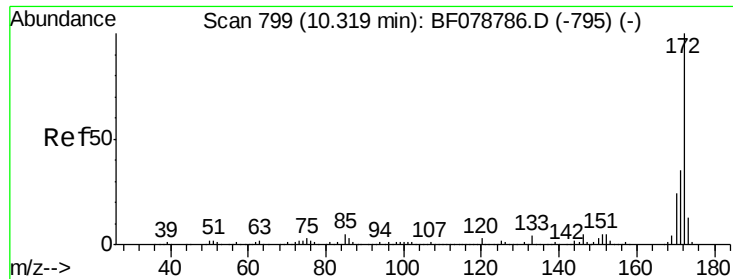
#41
 2,4,6-Tribromophenol
 Concen: 148.92 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078819.D
 Acq: 29 Apr 2015 18:00

Tgt Ion:330 Resp: 197248
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 37.1 0.0 0.0#



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

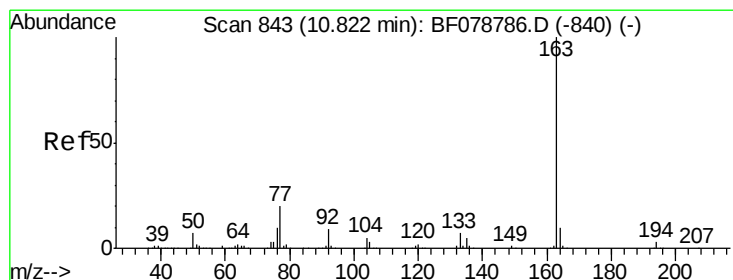
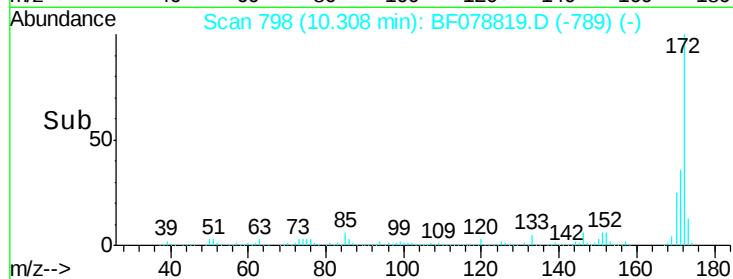
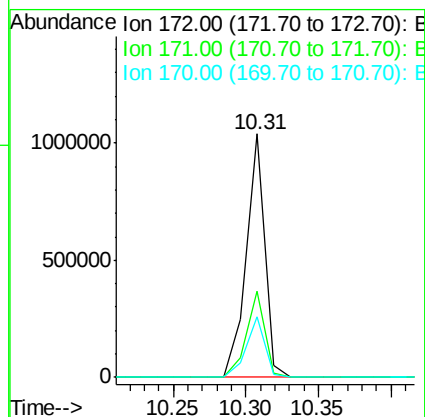
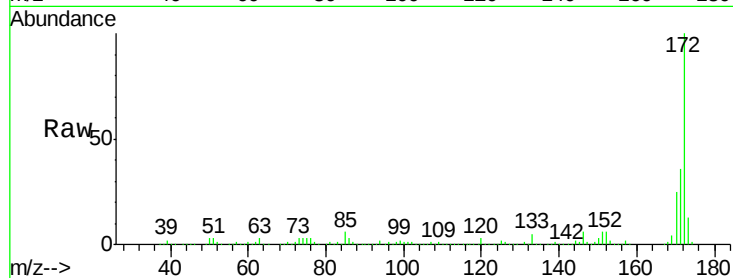




#44
2-Fluorobiphenyl
Concen: 95.58 ng
RT: 10.31 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF078819.D
Acq: 29 Apr 2015 18:00

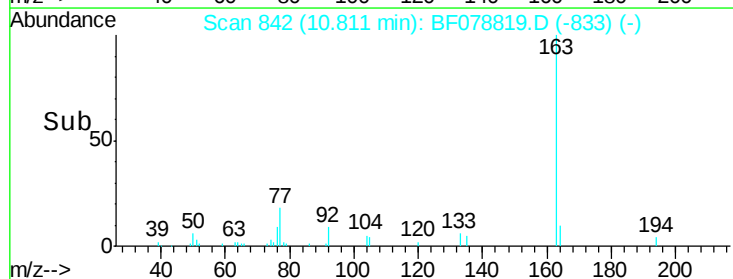
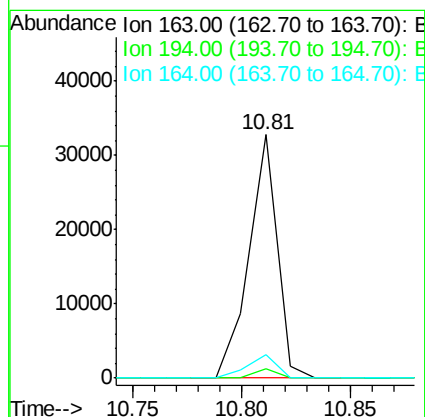
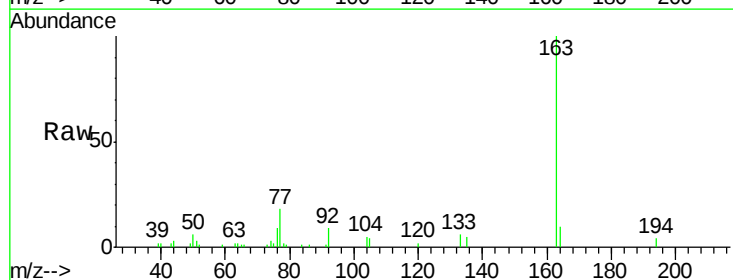
Instrument :
BNA_F
ClientSampleId :
PS-25-15-20

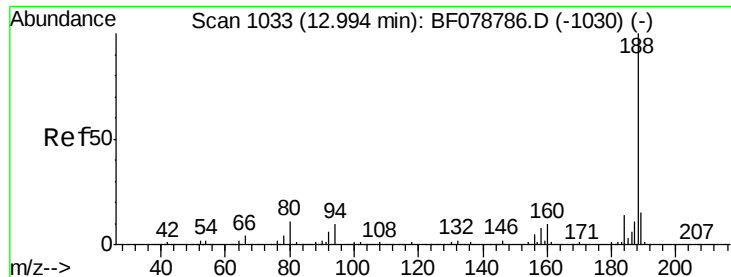
Tot Ion:172 Resp: 924899
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.7 19.4 29.0



#49
Dimethylphthalate
Concen: 3.14 ng
RT: 10.81 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF078819.D
Acq: 29 Apr 2015 18:00

Tgt Ion:163 Resp: 29555
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.8 8.1 12.1

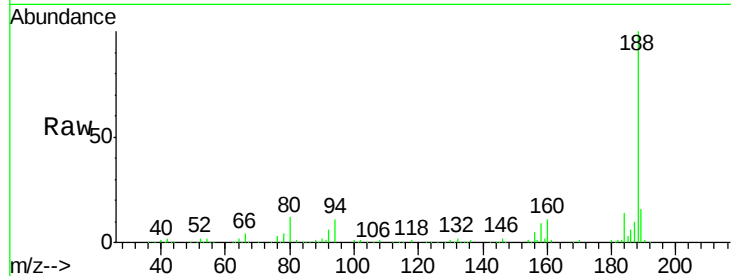




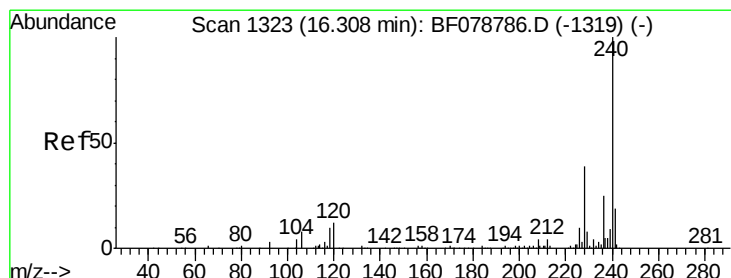
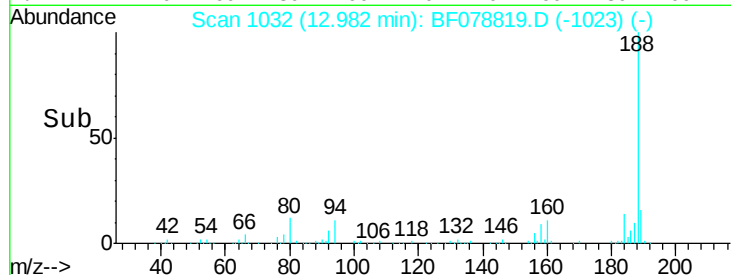
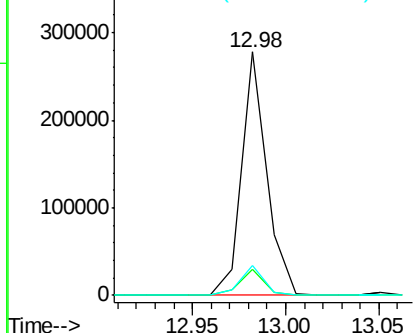
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078819.D
Acq: 29 Apr 2015 18:00

Instrument :
BNA_F
ClientSampleId :
PS-25-15-20

Tot Ion:188 Resp: 260504
Ion Ratio Lower Upper
188 100
94 10.8 8.2 12.2
80 12.0 8.9 13.3

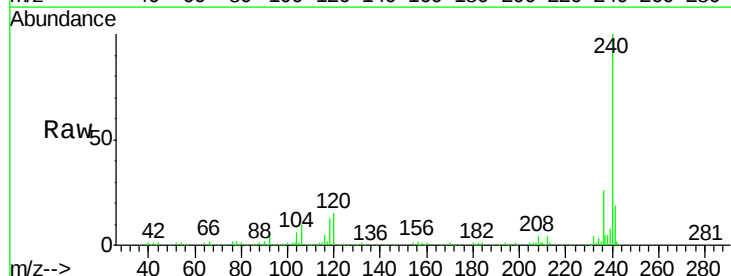


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

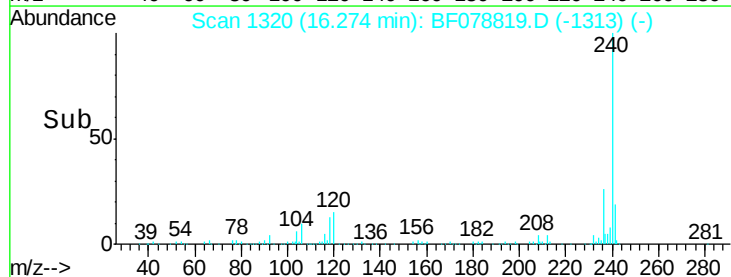
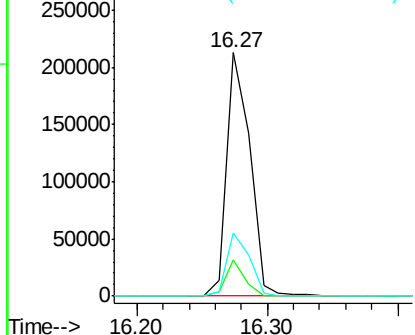


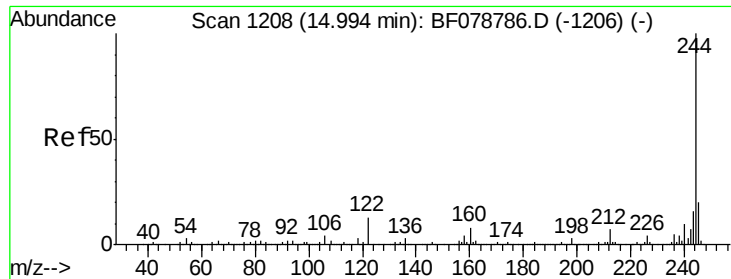
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF078819.D
Acq: 29 Apr 2015 18:00

Tgt Ion:240 Resp: 263519
Ion Ratio Lower Upper
240 100
120 15.0 9.7 14.5#
236 25.7 20.2 30.4



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: 90.01 ng

RT: 14.98 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF078819.D

Acq: 29 Apr 2015 18:00

Instrument :

BNA_F

ClientSampled :

PS-25-15-20

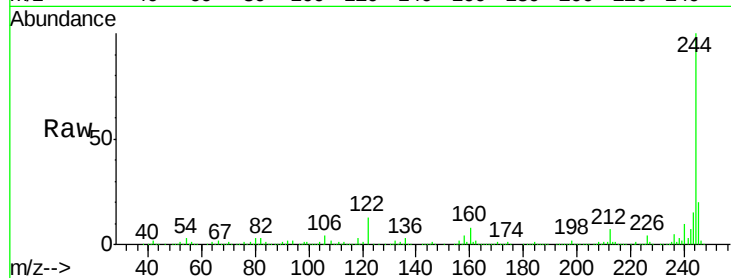
Tot Ion:244 Resp: 995946

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

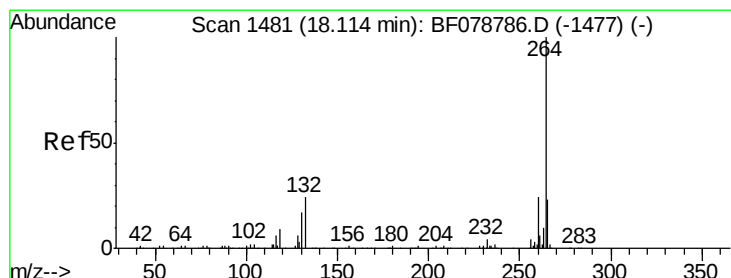
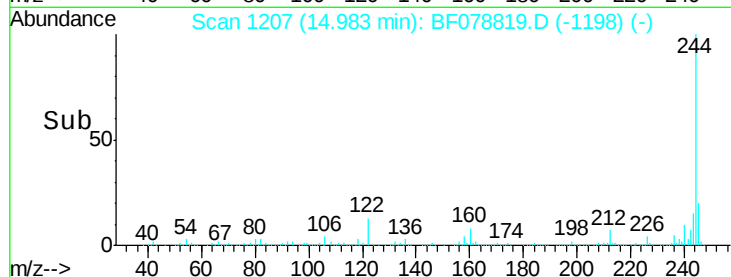
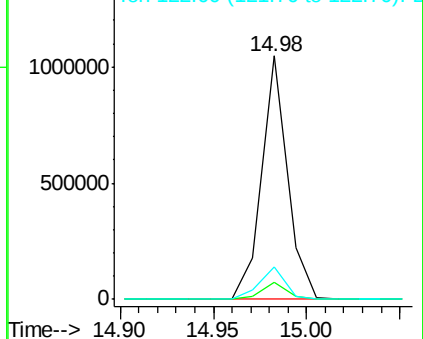
122 13.4 10.3 15.5



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: 18.02 min Scan# 1473

Delta R.T. -0.06 min

Lab File: BF078819.D

Acq: 29 Apr 2015 18:00

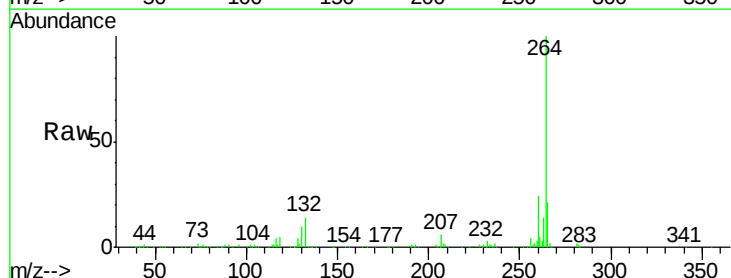
Tgt Ion:264 Resp: 266129

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 20.6 18.3 27.5



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

