

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077463.D
 Acq On : 26 Feb 2015 14:17
 Operator : TP/IZ
 Sample : G1348-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 41A-EW-022515

Quant Time: Feb 26 17:32:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 17:14:46 2015
 Response via : Initial Calibration

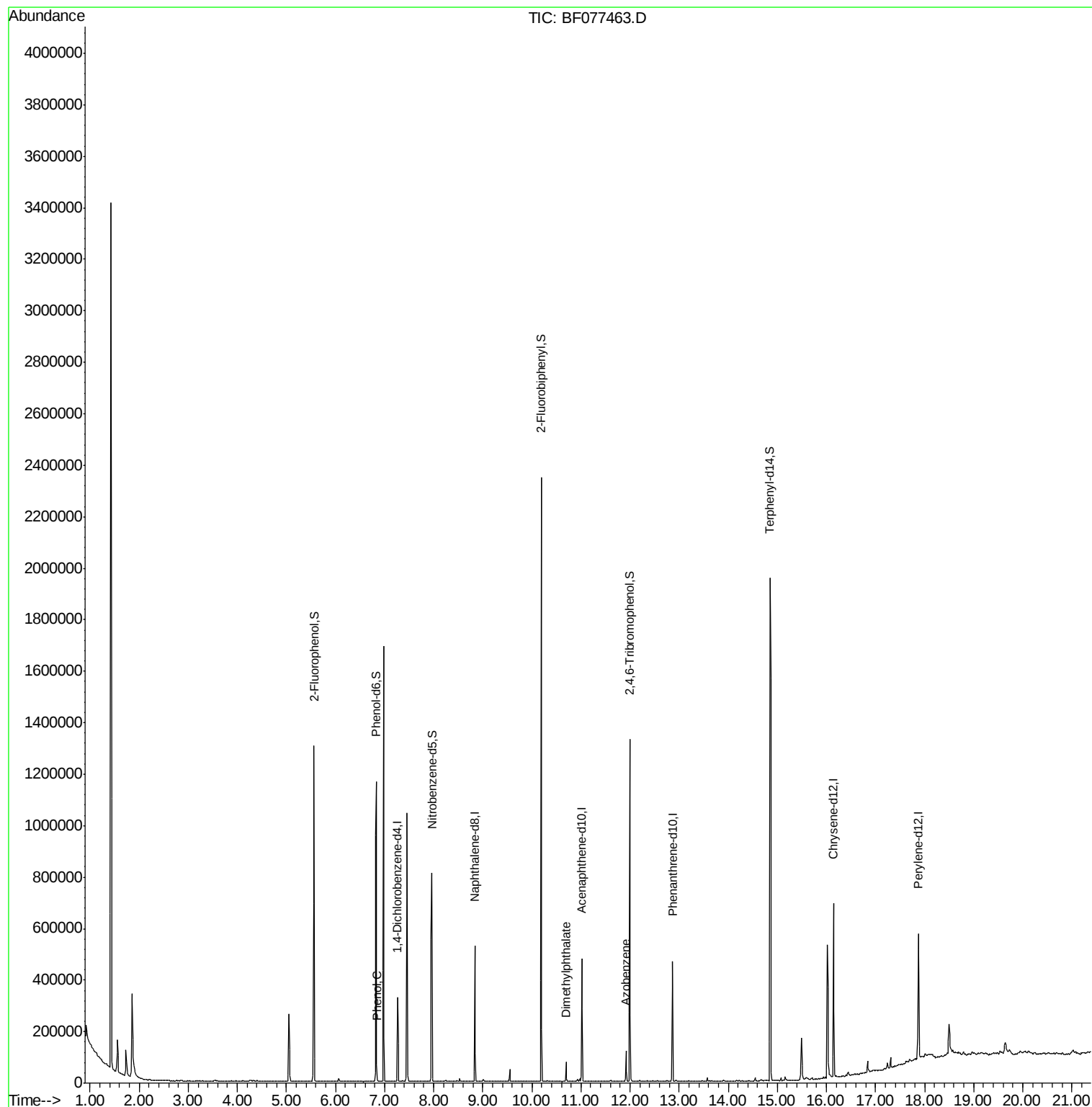
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	57456	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	236445	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	116490	20.00	ng	-0.01
63) Phenanthrene-d10	12.87	188	243416	20.00	ng	0.00
75) Chrysene-d12	16.15	240	269741	20.00	ng	-0.03
86) Perylene-d12	17.87	264	266536	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	433679	126.01	ng	0.00
7) Phenol-d6	6.83	99	564813	127.64	ng	0.00
23) Nitrobenzene-d5	7.96	82	326942	85.99	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	156300	139.35	ng	-0.01
44) 2-Fluorobiphenyl	10.19	172	709552	94.98	ng	0.00
78) Terphenyl-d14	14.85	244	923204	80.01	ng	-0.01
Target Compounds						
10) Phenol	6.84	94	15429	2.94	ng	97
49) Dimethylphthalate	10.69	163	30424	3.72	ng	98
62) Azobenzene	11.92	77	24222	3.16	ng	# 1

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

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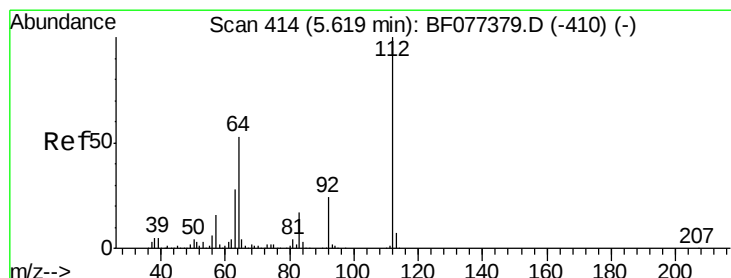
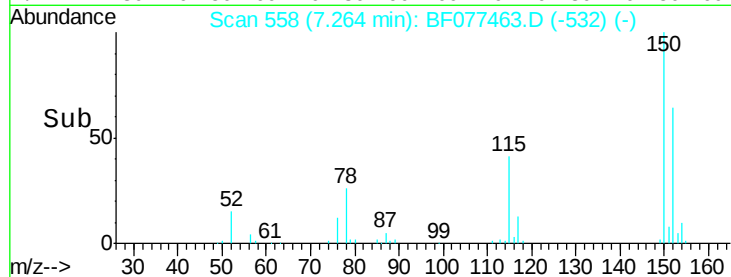
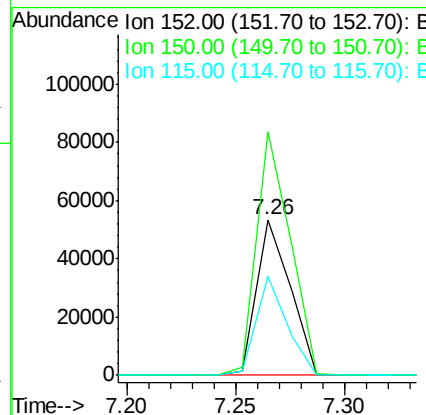
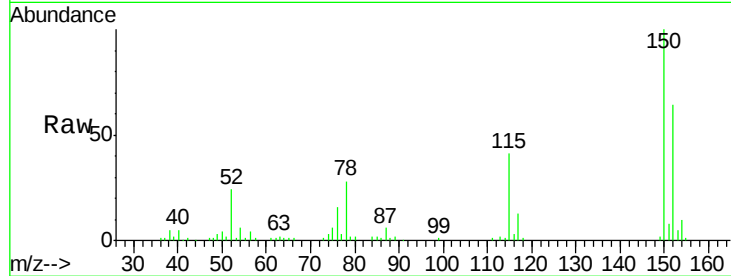


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF077463.D
Acq: 26 Feb 2015 14:17

Instrument :
BNA_G
ClientSampleId :
41A-EW-022515

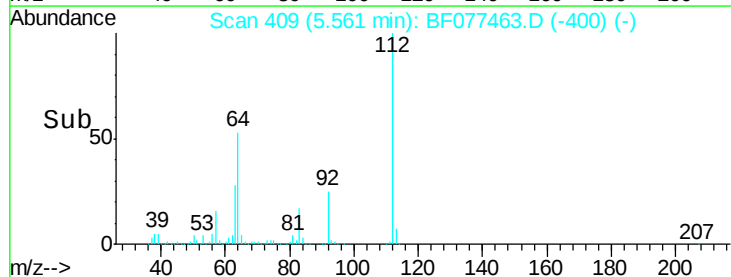
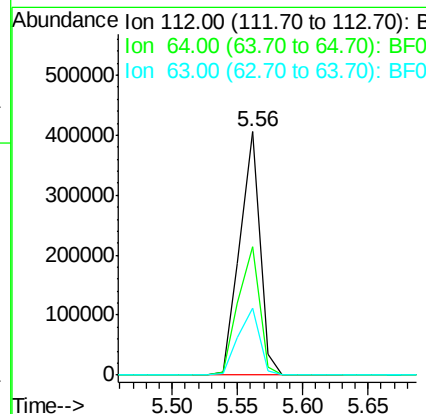
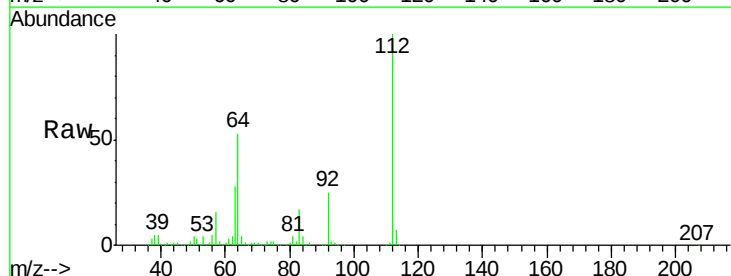
Tgt Ion:152 Resp: 57456
Ion Ratio Lower Upper
152 100
150 156.5 124.0 186.0
115 64.0 49.4 74.2



#5

2-Fluorophenol
Concen: 126.01 ng
RT: 5.56 min Scan# 409
Delta R.T. -0.00 min
Lab File: BF077463.D
Acq: 26 Feb 2015 14:17

Tgt Ion:112 Resp: 433679
Ion Ratio Lower Upper
112 100
64 52.6 48.5 72.7
63 27.6 25.0 37.4





#7

Phenol-d6

Concen: 127.64 ng

RT: 6.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF077463.D

Acq: 26 Feb 2015 14:17

Instrument :

BNA_G

ClientSampleId :

41A-EW-022515

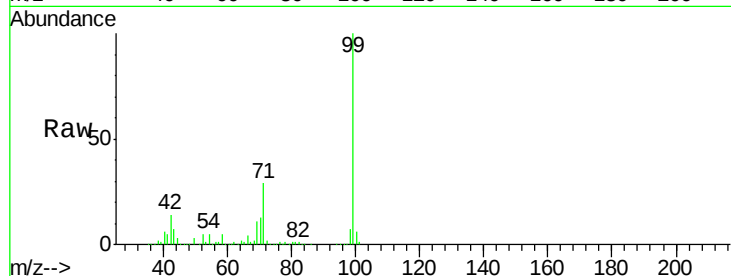
Tgt Ion: 99 Resp: 564813

Ion Ratio Lower Upper

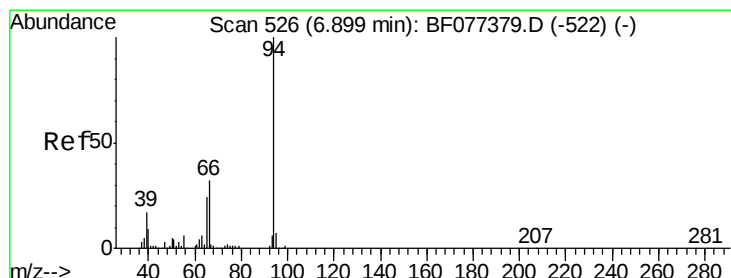
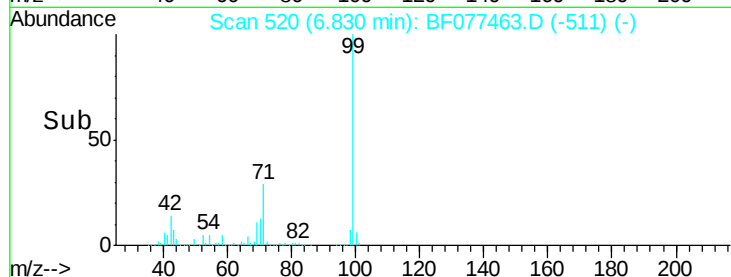
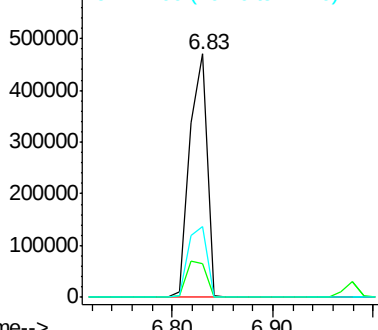
99 100

42 13.9 16.2 24.4#

71 29.0 26.7 40.1



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: 2.94 ng

RT: 6.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF077463.D

Acq: 26 Feb 2015 14:17

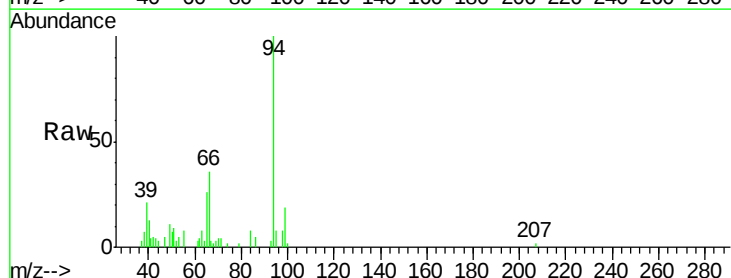
Tgt Ion: 94 Resp: 15429

Ion Ratio Lower Upper

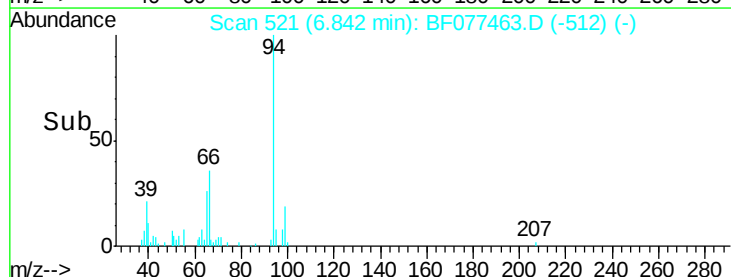
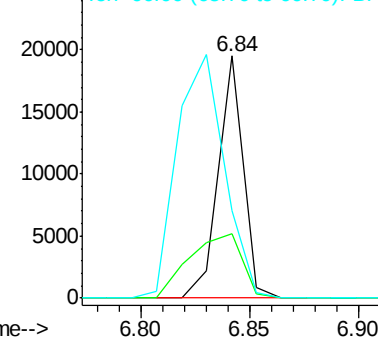
94 100

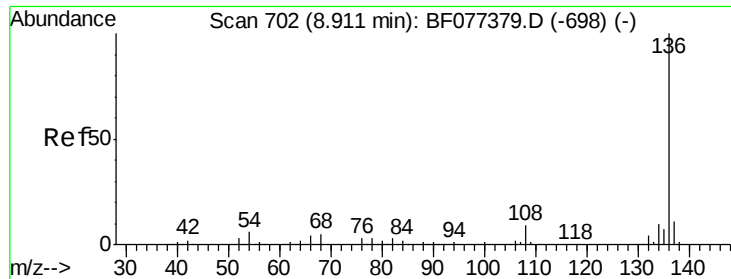
65 26.5 5.7 45.7

66 36.2 13.6 53.6



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

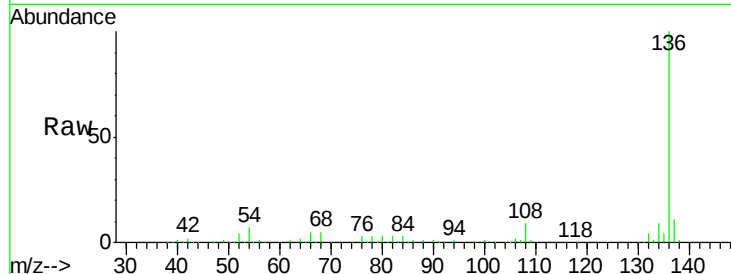




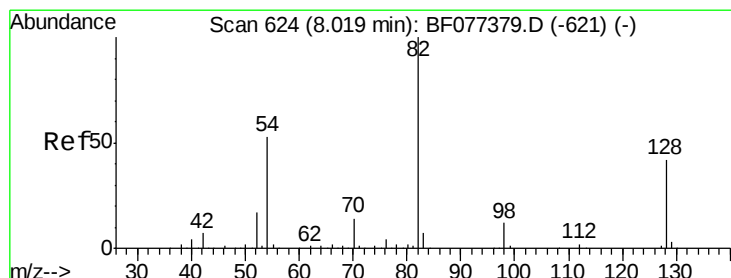
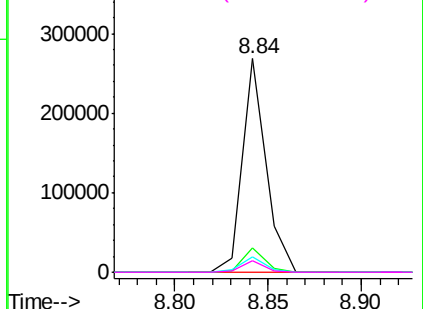
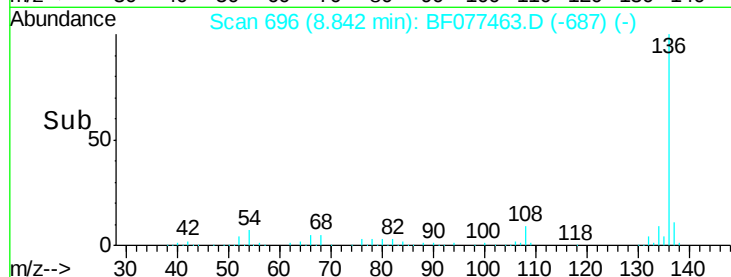
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077463.D
Acq: 26 Feb 2015 14:17

Instrument :
BNA_G
ClientSampleId :
41A-EW-022515

Tgt Ion:	136	Resp:	236445
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.3	6.2	9.4
68	5.4	5.0	7.6

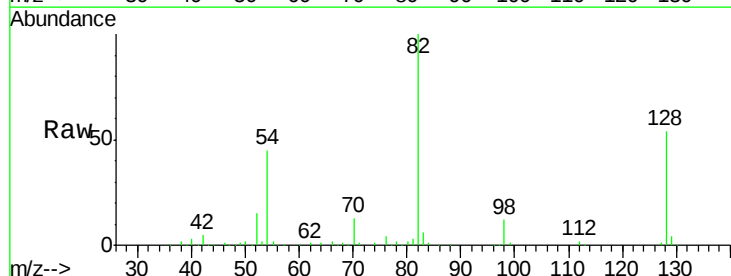


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

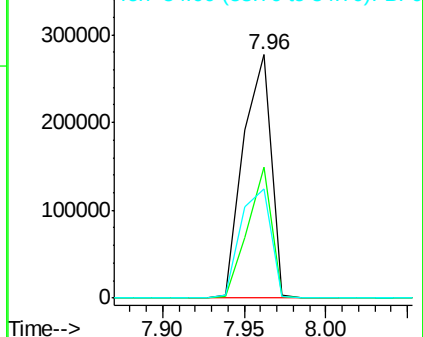
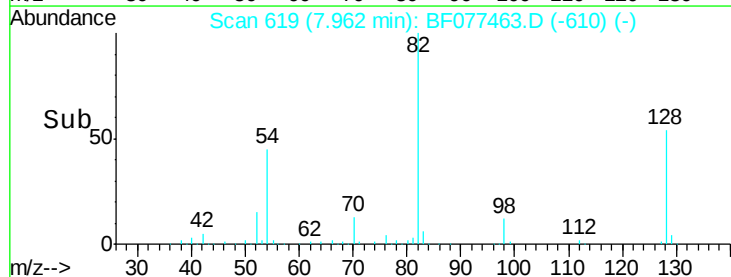


#23
Nitrobenzene-d5
Concen: 85.99 ng
RT: 7.96 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF077463.D
Acq: 26 Feb 2015 14:17

Tgt Ion:	82	Resp:	326942
Ion	Ratio	Lower	Upper
82	100		
128	54.0	43.8	65.8
54	44.7	36.7	55.1



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

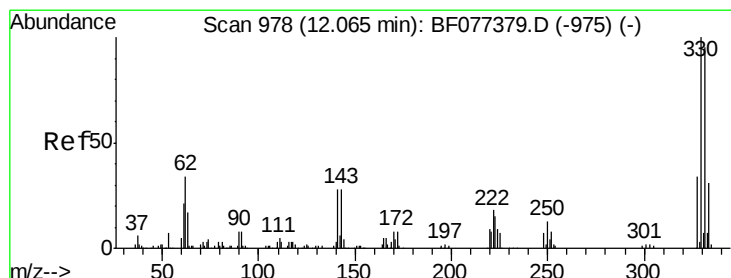
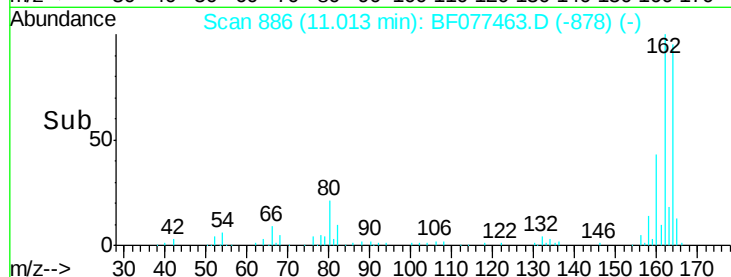
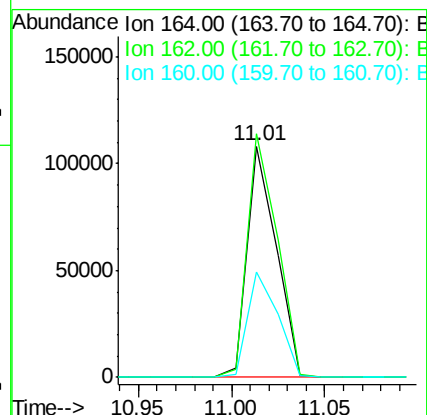
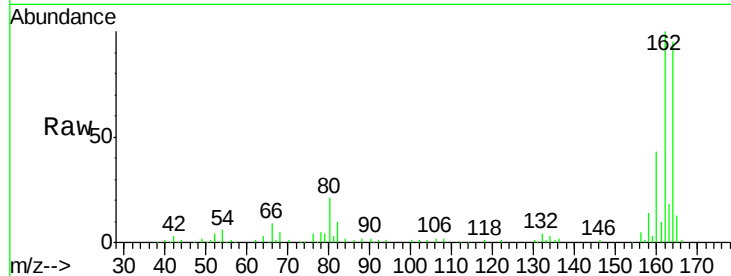




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF077463.D
Acq: 26 Feb 2015 14:17

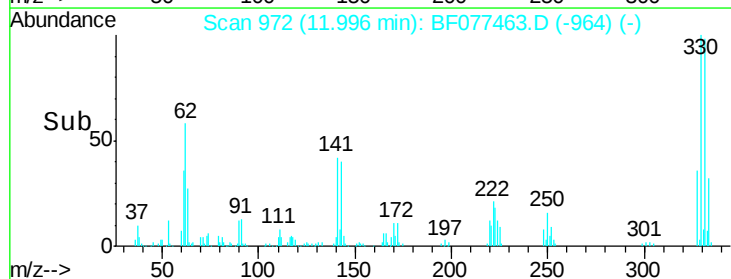
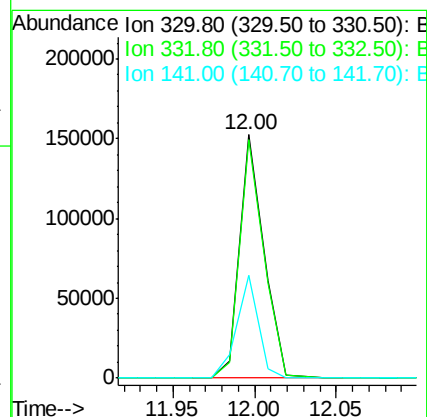
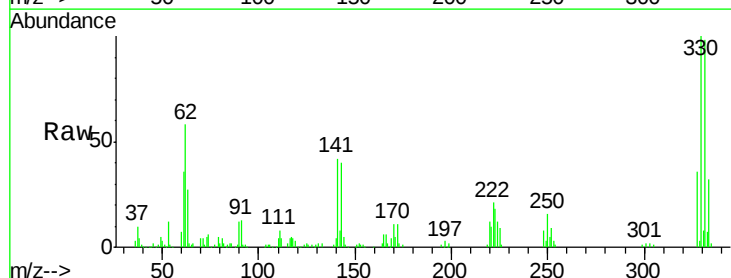
Instrument :
BNA_G
ClientSampleId :
41A-EW-022515

Tgt Ion:164 Resp: 116490
Ion Ratio Lower Upper
164 100
162 105.5 83.2 124.8
160 45.5 34.6 52.0



#41
2,4,6-Tribromophenol
Concen: 139.35 ng
RT: 12.00 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF077463.D
Acq: 26 Feb 2015 14:17

Tgt Ion:330 Resp: 156300
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.2
141 37.7 28.8 43.2

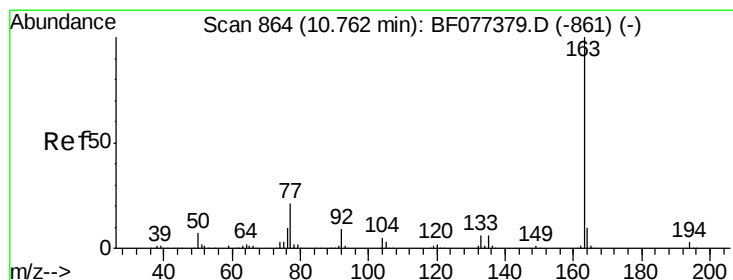
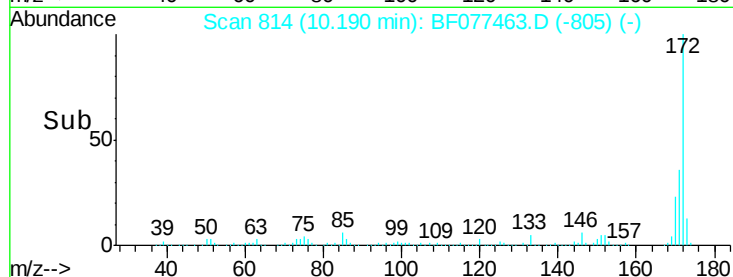
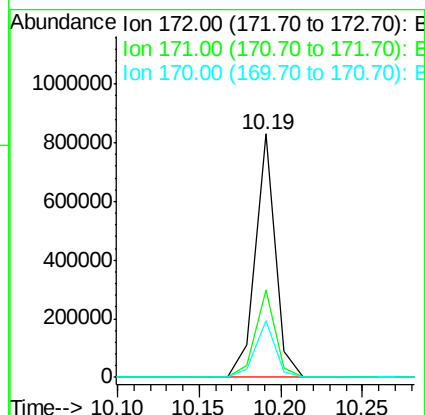
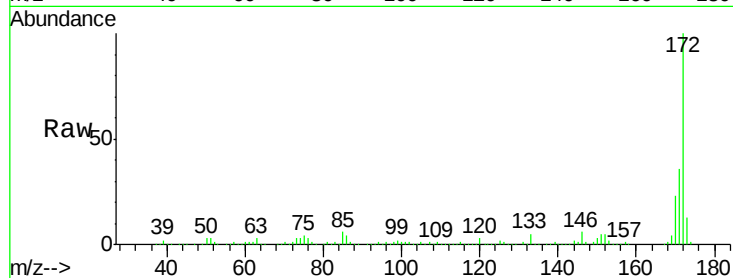




#44
2-Fluorobiphenyl
Concen: 94.98 ng
RT: 10.19 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF077463.D
Acq: 26 Feb 2015 14:17

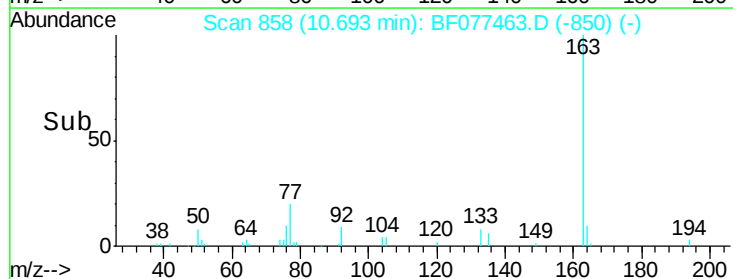
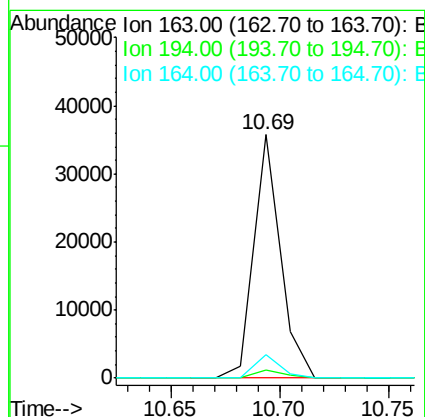
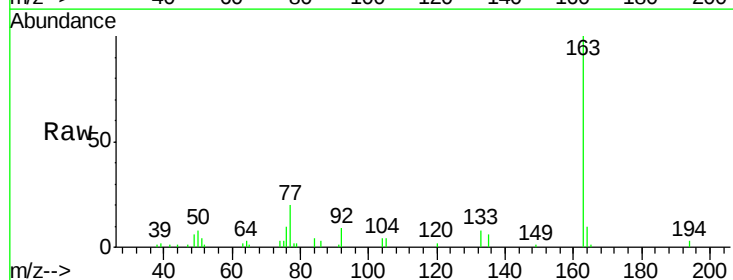
Instrument :
BNA_G
ClientSampleId :
41A-EW-022515

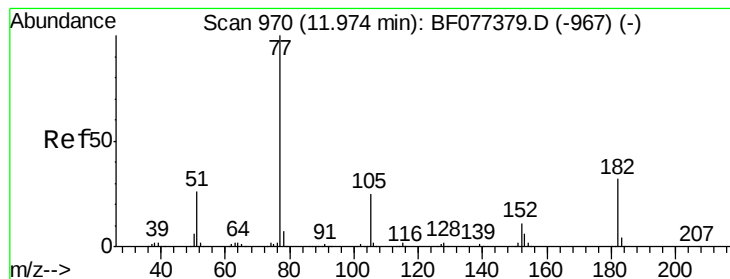
Tgt Ion:172 Resp: 709552
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.4 19.4 29.2



#49
Dimethylphthalate
Concen: 3.72 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF077463.D
Acq: 26 Feb 2015 14:17

Tgt Ion:163 Resp: 30424
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 8.6 13.0





#62

Azobenzene

Concen: 3.16 ng

RT: 11.92 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF077463.D

Acq: 26 Feb 2015 14:17

Instrument :

BNA_G

ClientSampleId :

41A-EW-022515

Tgt Ion: 77 Resp: 24222

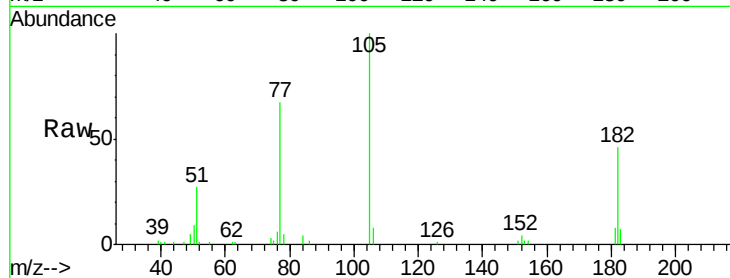
Ion Ratio Lower Upper

77 100

182 68.7 4.9 44.9#

105 149.7 3.3 43.3#

51 40.8 8.9 48.9

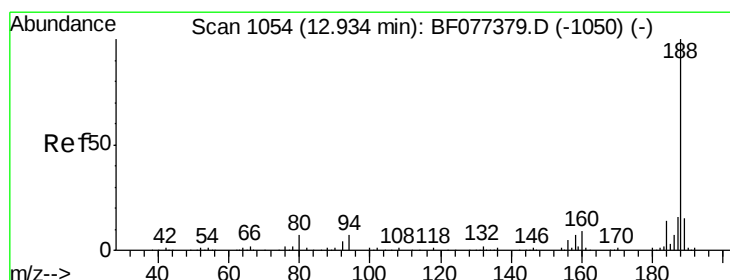
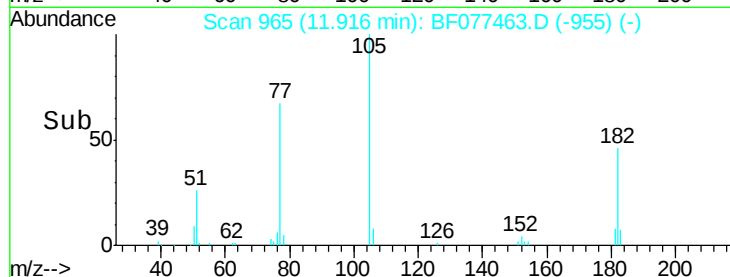
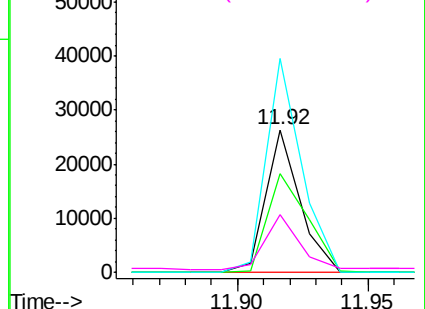


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.87 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF077463.D

Acq: 26 Feb 2015 14:17

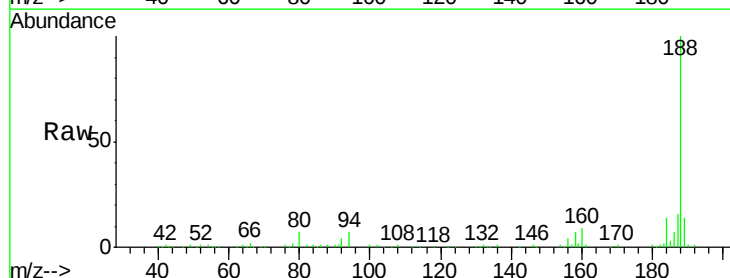
Tgt Ion: 188 Resp: 243416

Ion Ratio Lower Upper

188 100

94 6.9 7.4 11.2#

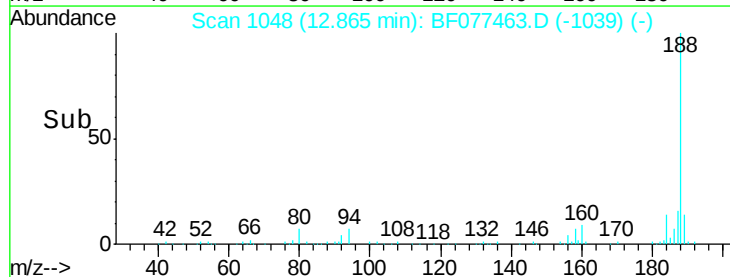
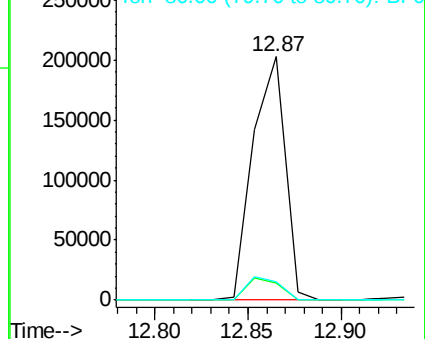
80 7.4 8.0 12.0#

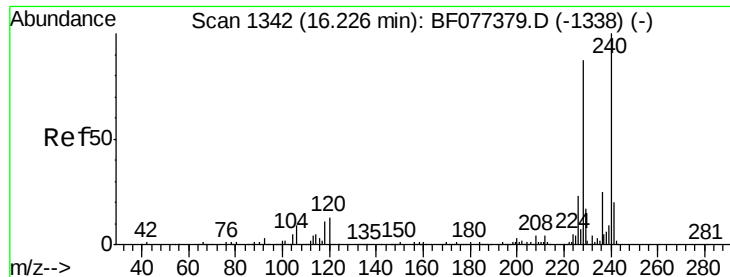


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

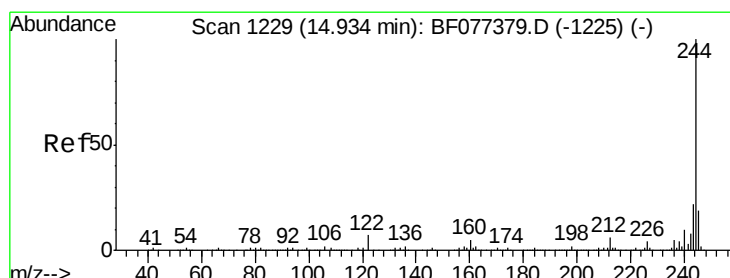
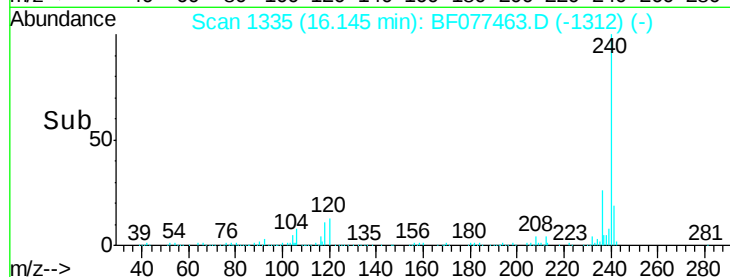
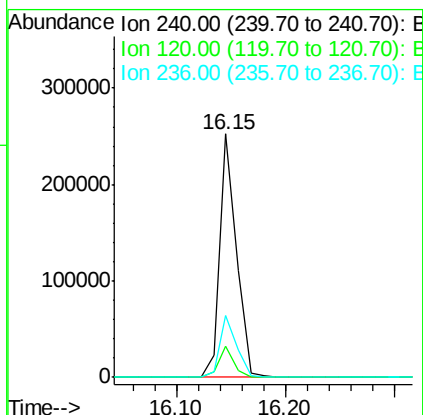
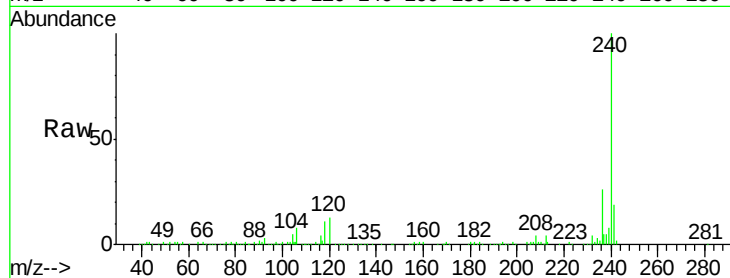




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.15 min Scan# 1335
Delta R.T. -0.03 min
Lab File: BF077463.D
Acq: 26 Feb 2015 14:17

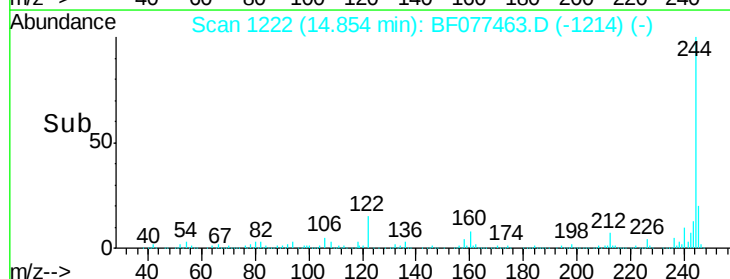
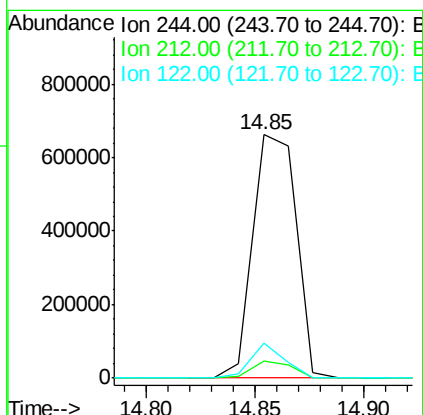
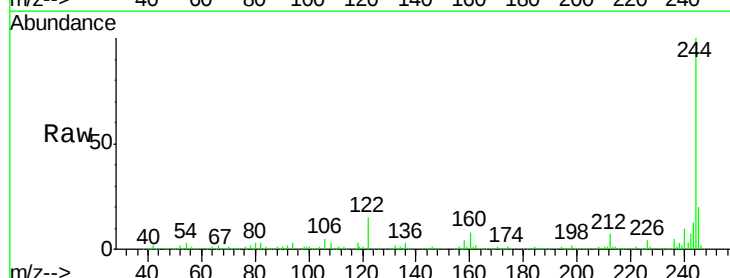
Instrument :
BNA_G
ClientSampleId :
41A-EW-022515

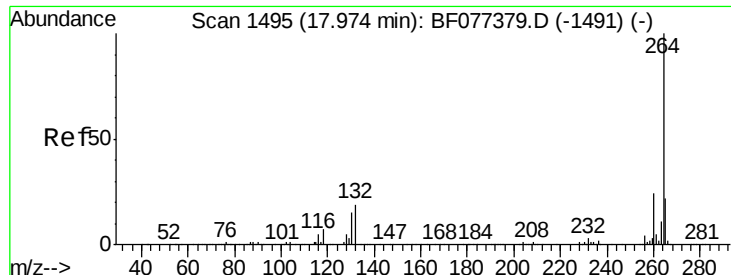
Tgt Ion:240 Resp: 269741
Ion Ratio Lower Upper
240 100
120 12.7 8.8 13.2
236 25.6 20.7 31.1



#78
Terphenyl-d14
Concen: 80.01 ng
RT: 14.85 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF077463.D
Acq: 26 Feb 2015 14:17

Tgt Ion:244 Resp: 923204
Ion Ratio Lower Upper
244 100
212 7.1 5.2 7.8
122 14.5 7.8 11.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1486
Delta R.T. -0.14 min
Lab File: BF077463.D
Acq: 26 Feb 2015 14:17

Instrument :
BNA_G
ClientSampleId :
41A-EW-022515

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.3	28.9
265	21.5	16.8	25.2

