

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077462.D
 Acq On : 26 Feb 2015 13:49
 Operator : TP/IZ
 Sample : G1348-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515

Quant Time: Feb 26 17:31:50 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

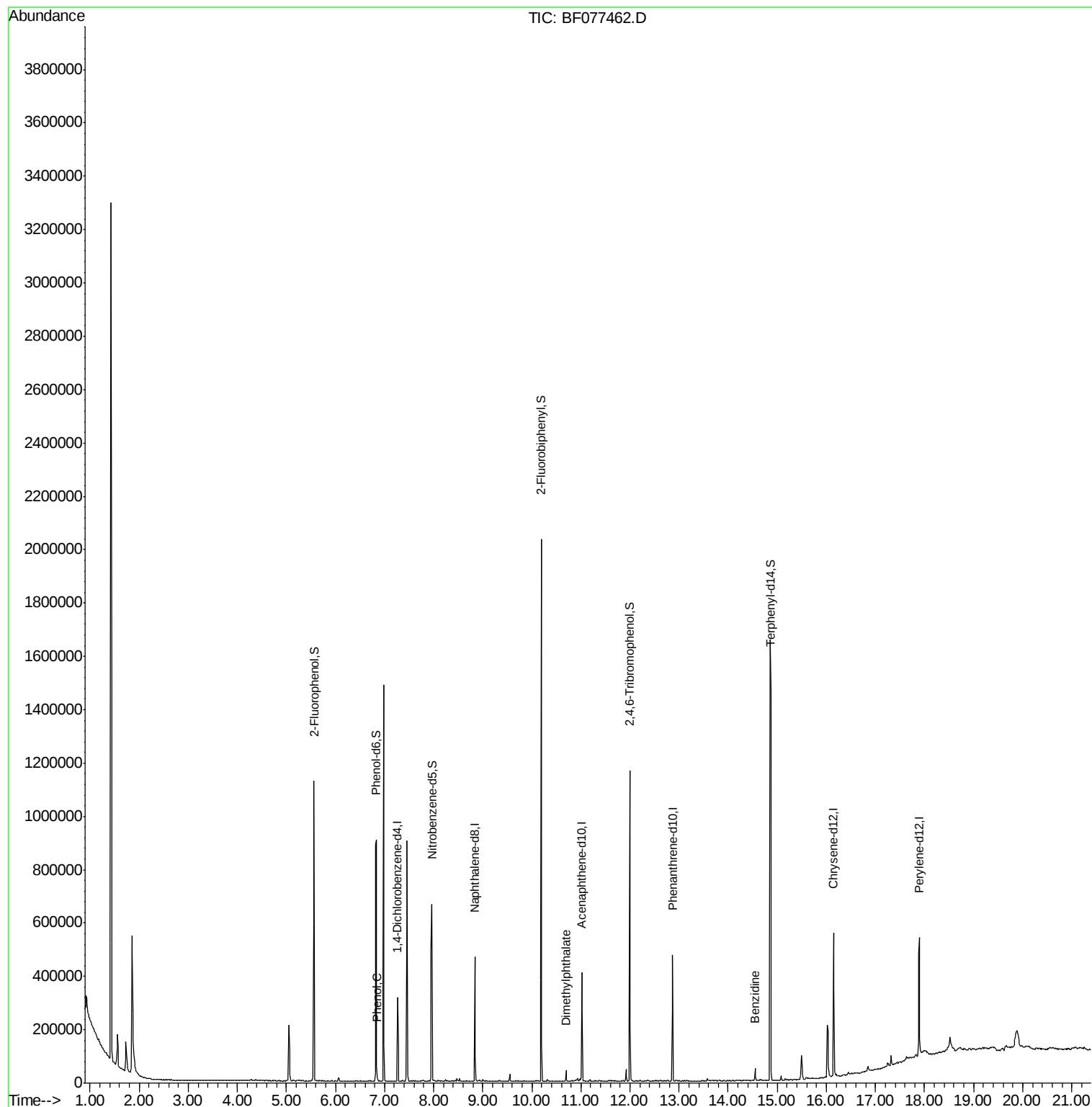
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	52356	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	207161	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	105341	20.00	ng	-0.01
63) Phenanthrene-d10	12.87	188	217209	20.00	ng	0.00
75) Chrysene-d12	16.15	240	245130	20.00	ng	-0.03
86) Perylene-d12	17.89	264	239281	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	372996	118.93	ng	0.00
7) Phenol-d6	6.83	99	476807	118.25	ng	0.00
23) Nitrobenzene-d5	7.96	82	275051	82.56	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	135334	133.43	ng	-0.01
44) 2-Fluorobiphenyl	10.19	172	622151	92.09	ng	0.00
78) Terphenyl-d14	14.87	244	809797	77.23	ng	0.00
Target Compounds						
10) Phenol	6.84	94	12976	2.71	ng	96
49) Dimethylphthalate	10.69	163	17109	2.31	ng	99
76) Benzidine	14.55	184	22925	2.77	ng	98

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

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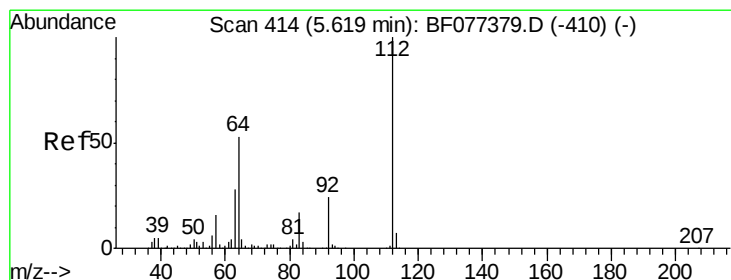
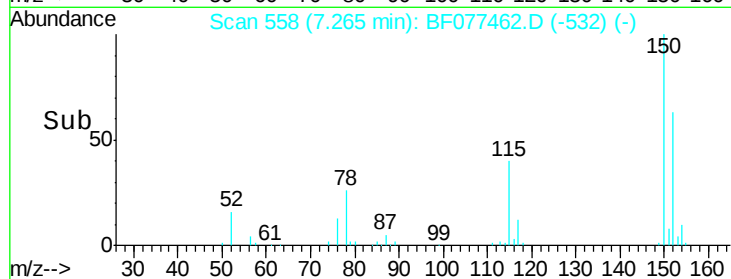
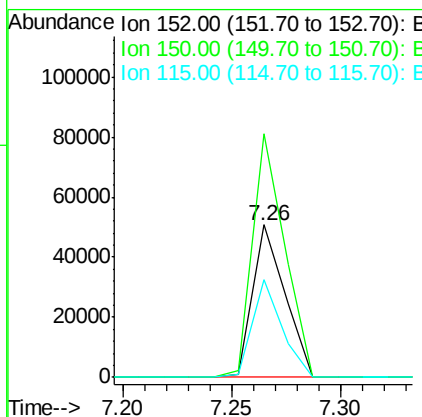
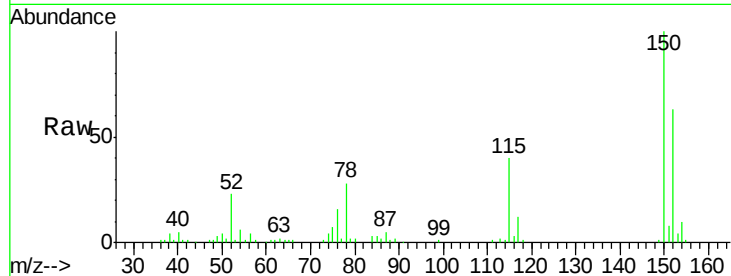




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF077462.D
 Acq: 26 Feb 2015 13:49

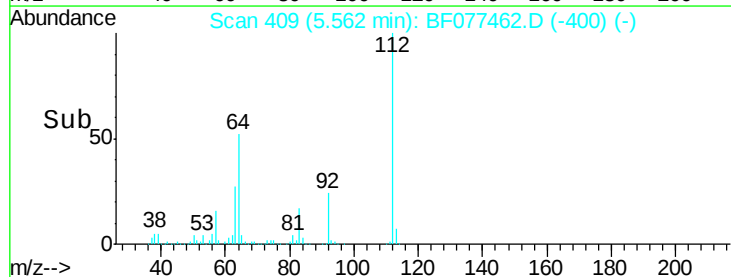
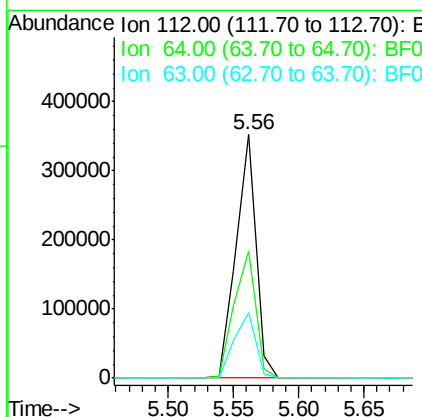
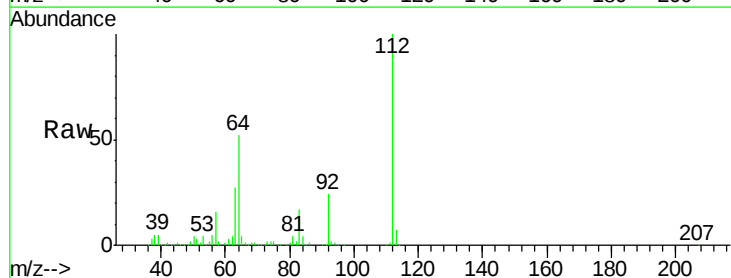
Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515

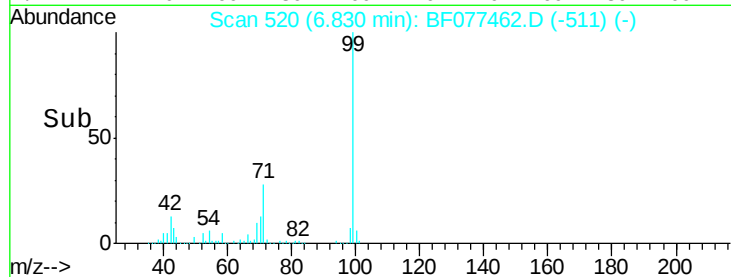
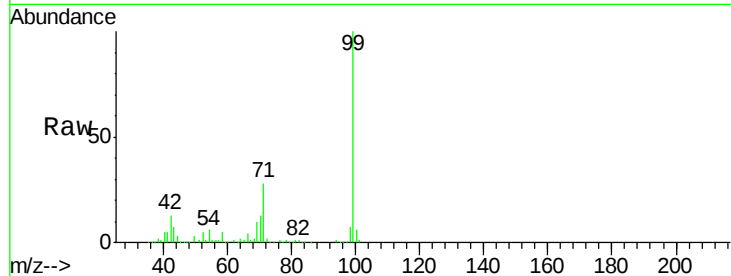
Tgt Ion:152 Resp: 52356
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.0 186.0
 115 63.9 49.4 74.2



#5
 2-Fluorophenol
 Concen: 118.93 ng
 RT: 5.56 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF077462.D
 Acq: 26 Feb 2015 13:49

Tgt Ion:112 Resp: 372996
 Ion Ratio Lower Upper
 112 100
 64 52.0 48.5 72.7
 63 27.2 25.0 37.4





#7

Phenol-d6

Concen: 118.25 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF077462.D

Acq: 26 Feb 2015 13:49

Instrument :

BNA_F

ClientSampleId :

41A-NW-022515

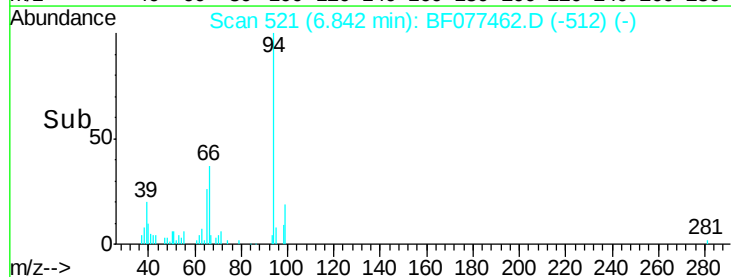
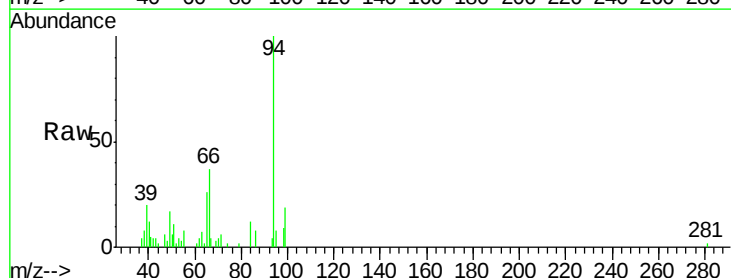
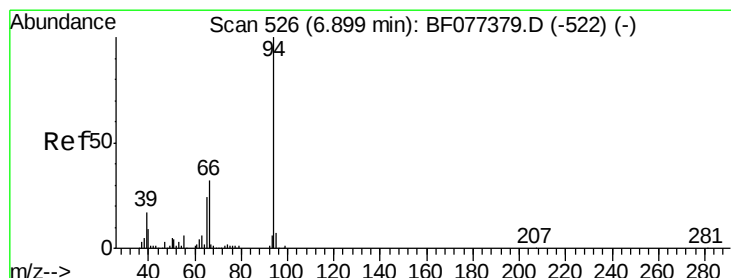
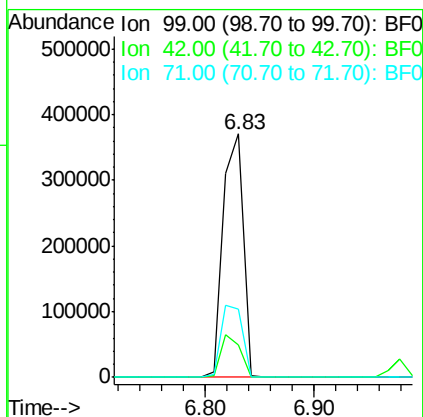
Tgt Ion: 99 Resp: 476807

Ion Ratio Lower Upper

99 100

42 13.1 16.2 24.4#

71 28.0 26.7 40.1



#10

Phenol

Concen: 2.71 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077462.D

Acq: 26 Feb 2015 13:49

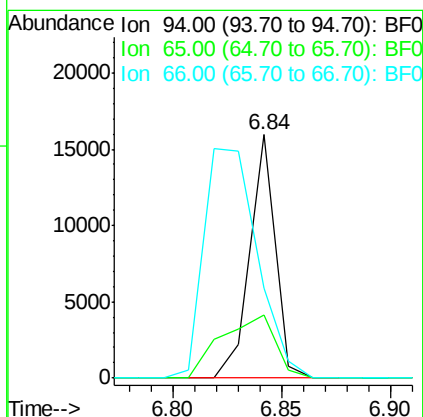
Tgt Ion: 94 Resp: 12976

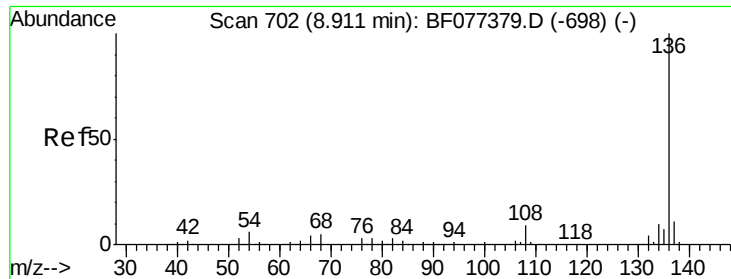
Ion Ratio Lower Upper

94 100

65 25.9 5.7 45.7

66 37.0 13.6 53.6

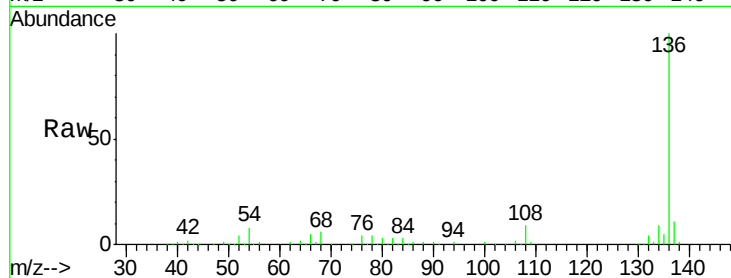




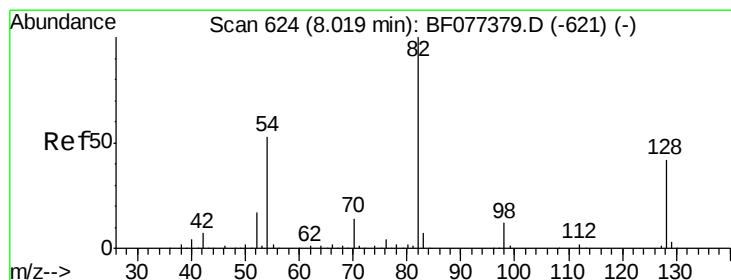
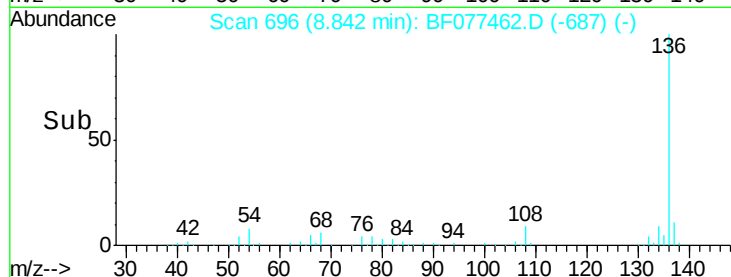
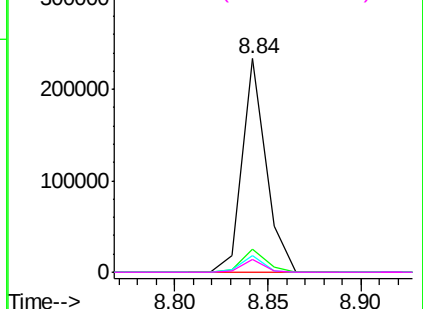
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.84 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515

Tgt Ion:	136	Resp:	207161
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.7	6.2	9.4
68	5.8	5.0	7.6

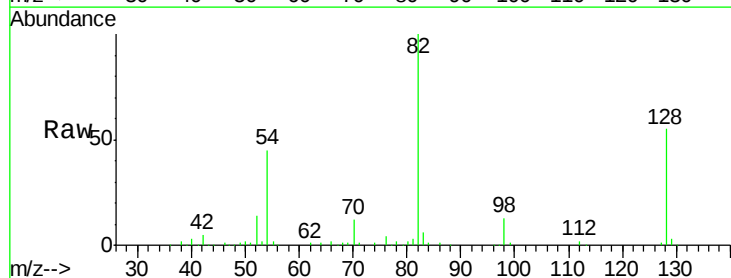


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

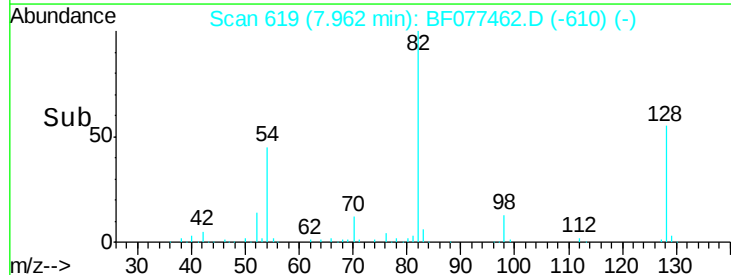
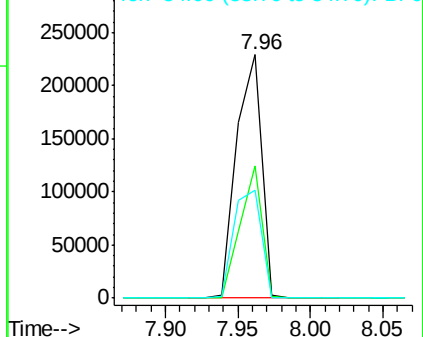


#23
Nitrobenzene-d5
Concen: 82.56 ng
RT: 7.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Tgt Ion:	82	Resp:	275051
Ion	Ratio	Lower	Upper
82	100		
128	54.5	43.8	65.8
54	44.5	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

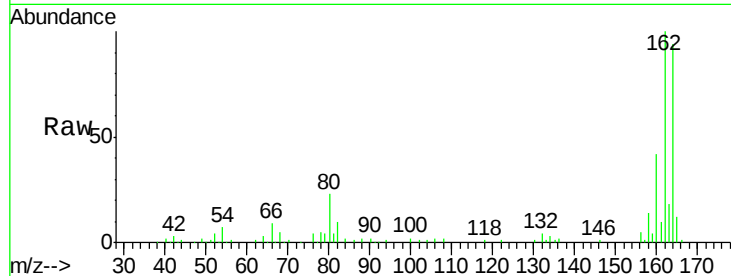




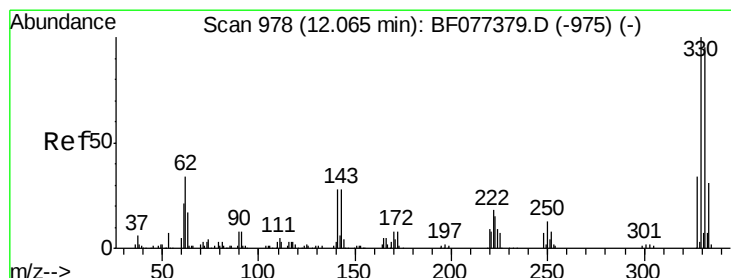
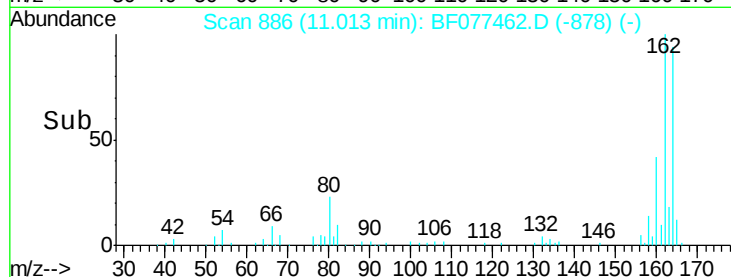
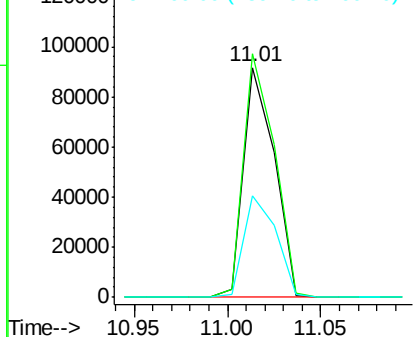
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF077462.D
 Acq: 26 Feb 2015 13:49

Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515

Tgt Ion:164 Resp: 105341
 Ion Ratio Lower Upper
 164 100
 162 105.8 83.2 124.8
 160 44.3 34.6 52.0

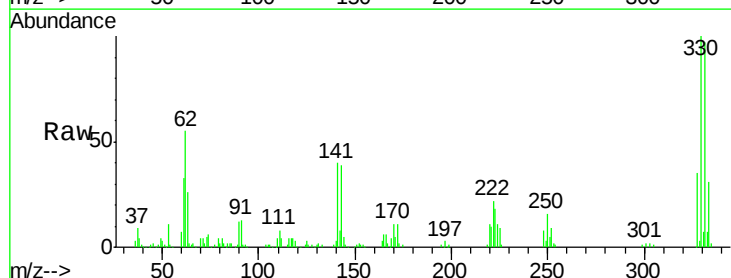


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

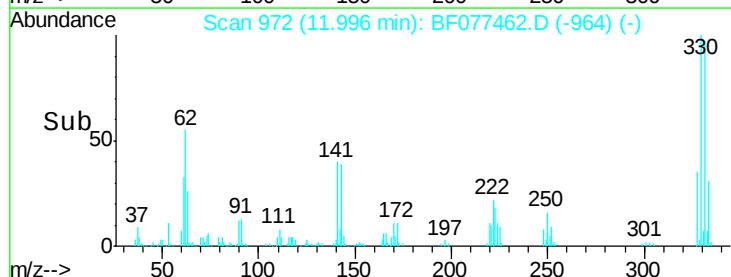
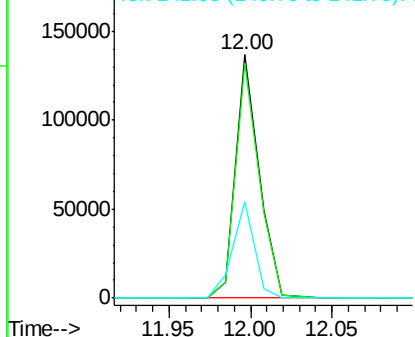


#41
 2,4,6-Tribromophenol
 Concen: 133.43 ng
 RT: 12.00 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF077462.D
 Acq: 26 Feb 2015 13:49

Tgt Ion:330 Resp: 135334
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 37.1 28.8 43.2



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

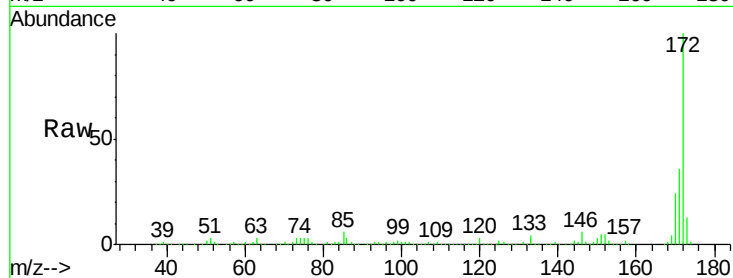




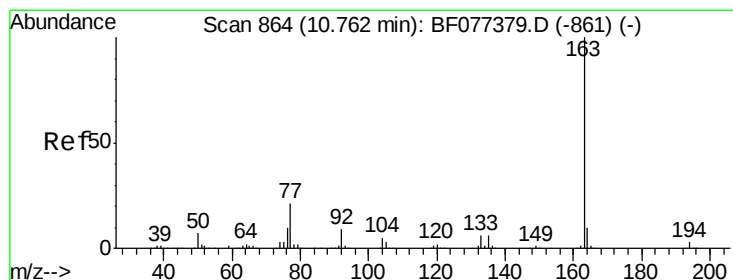
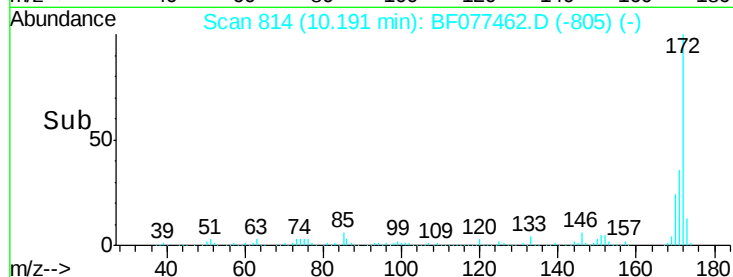
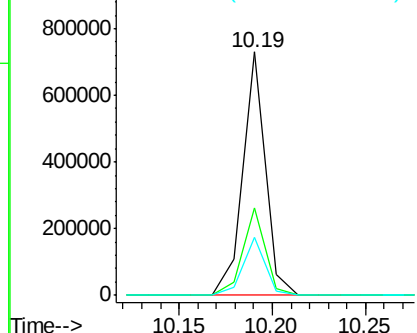
#44
 2-Fluorobiphenyl
 Concen: 92.09 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077462.D
 Acq: 26 Feb 2015 13:49

Instrument :
 BNA_F
 ClientSampleId :
 41A-NW-022515

Tgt Ion:172 Resp: 622151
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.6 19.4 29.2

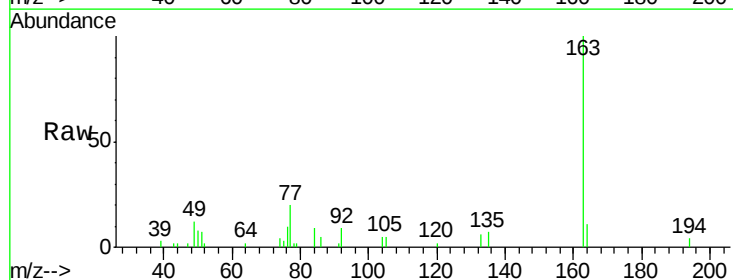


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

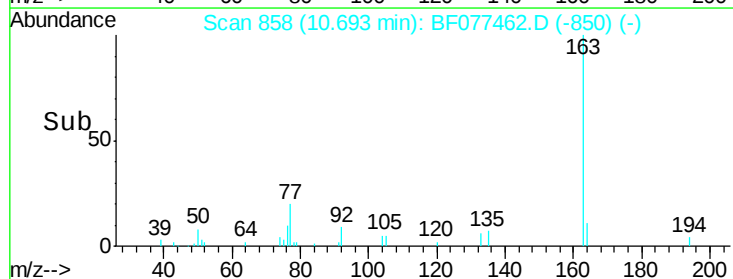
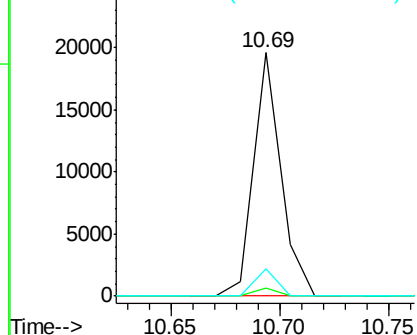


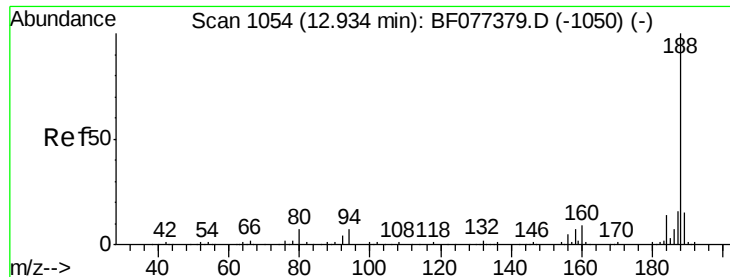
#49
 Dimethylphthalate
 Concen: 2.31 ng
 RT: 10.69 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF077462.D
 Acq: 26 Feb 2015 13:49

Tgt Ion:163 Resp: 17109
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.6 4.0
 164 11.1 8.6 13.0



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

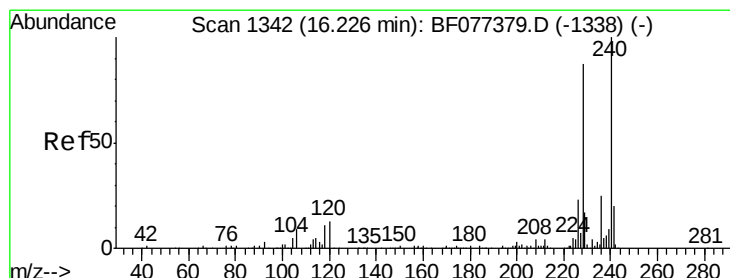
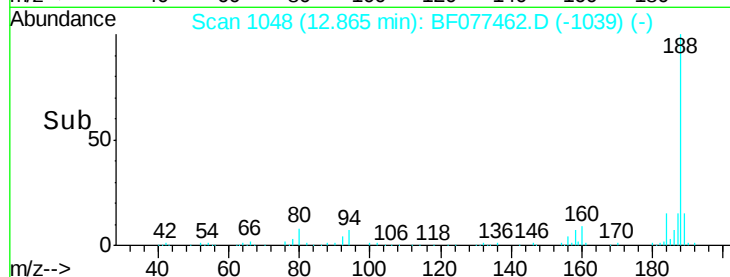
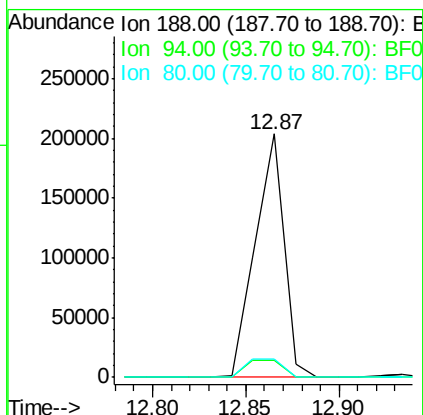
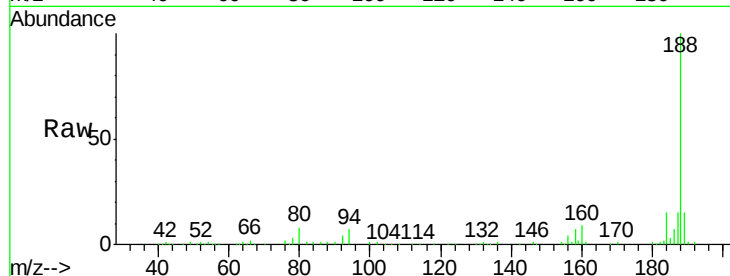




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.87 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

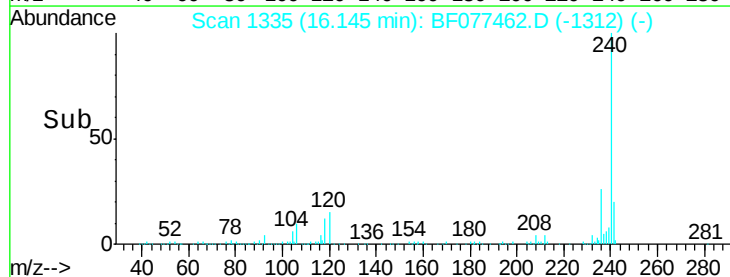
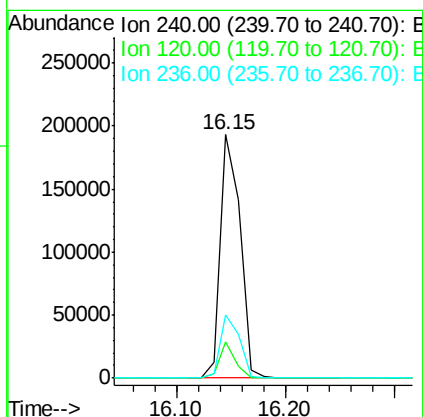
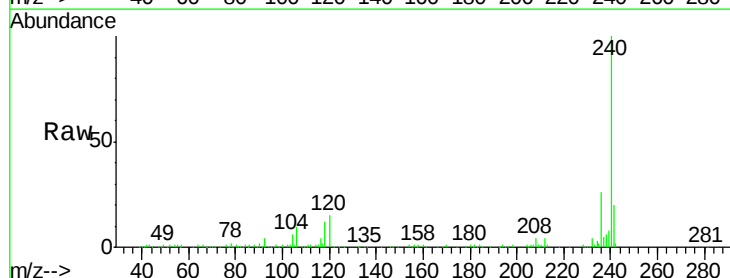
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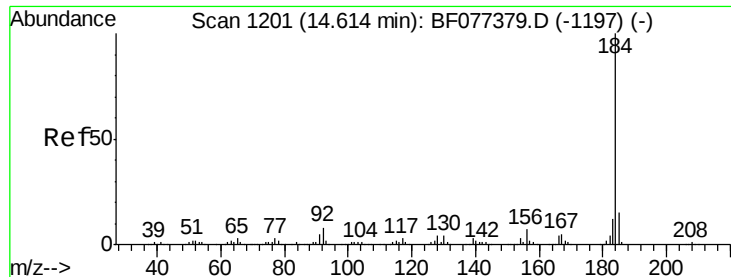
Tgt Ion:188 Resp: 217209
Ion Ratio Lower Upper
188 100
94 7.3 7.4 11.2#
80 7.6 8.0 12.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.15 min Scan# 1335
Delta R.T. -0.03 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Tgt Ion:240 Resp: 245130
Ion Ratio Lower Upper
240 100
120 14.7 8.8 13.2#
236 26.0 20.7 31.1

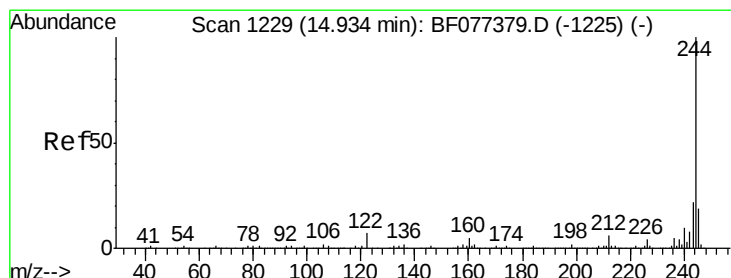
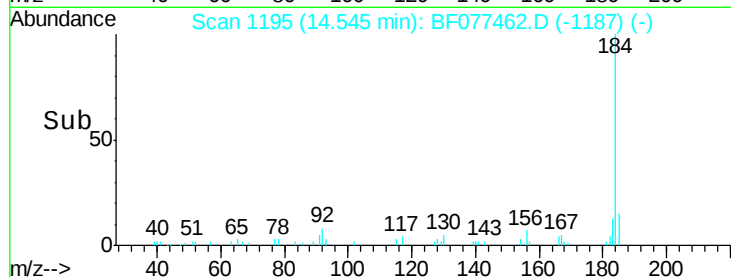
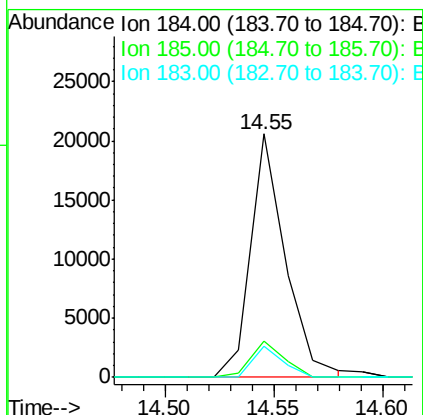
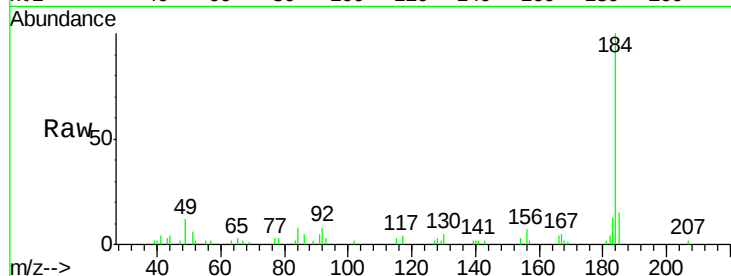




#76
Benzidine
Concen: 2.77 ng
RT: 14.55 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

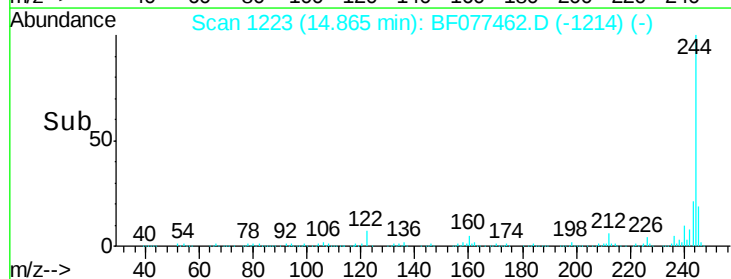
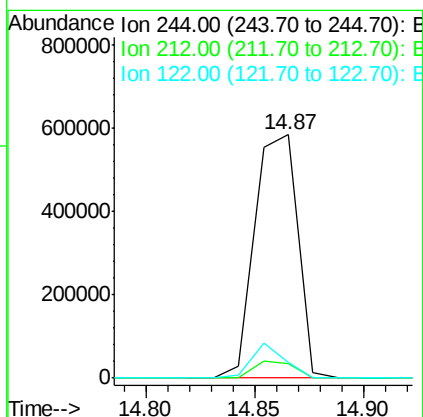
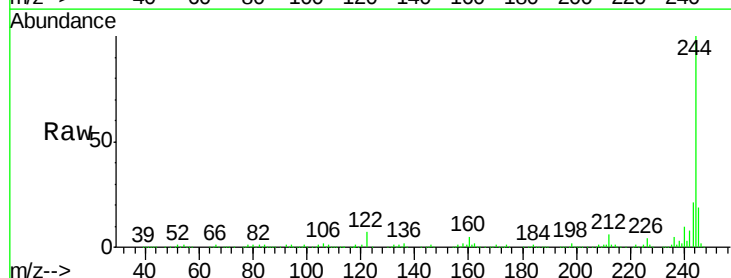
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41A-NW-022515

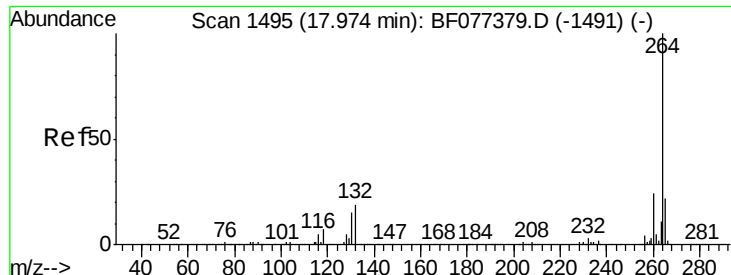
Tgt Ion:184 Resp: 22925
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 12.8 9.3 13.9



#78
Terphenyl-d14
Concen: 77.23 ng
RT: 14.87 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Tgt Ion:244 Resp: 809797
Ion Ratio Lower Upper
244 100
212 5.9 5.2 7.8
122 6.7 7.8 11.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.89 min Scan# 1488
Delta R.T. -0.11 min
Lab File: BF077462.D
Acq: 26 Feb 2015 13:49

Instrument :
BNA_F
ClientSampleId :
41A-NW-022515

Tgt Ion:	264	Resp:	239281
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.5	16.8	25.2

