

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040115\
 Data File : BF078179.D
 Acq On : 2 Apr 2015 5:07
 Operator : TP/IZ
 Sample : G1711-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB4(3-4)

Quant Time: Apr 02 04:43:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 05:28:29 2015
 Response via : Initial Calibration

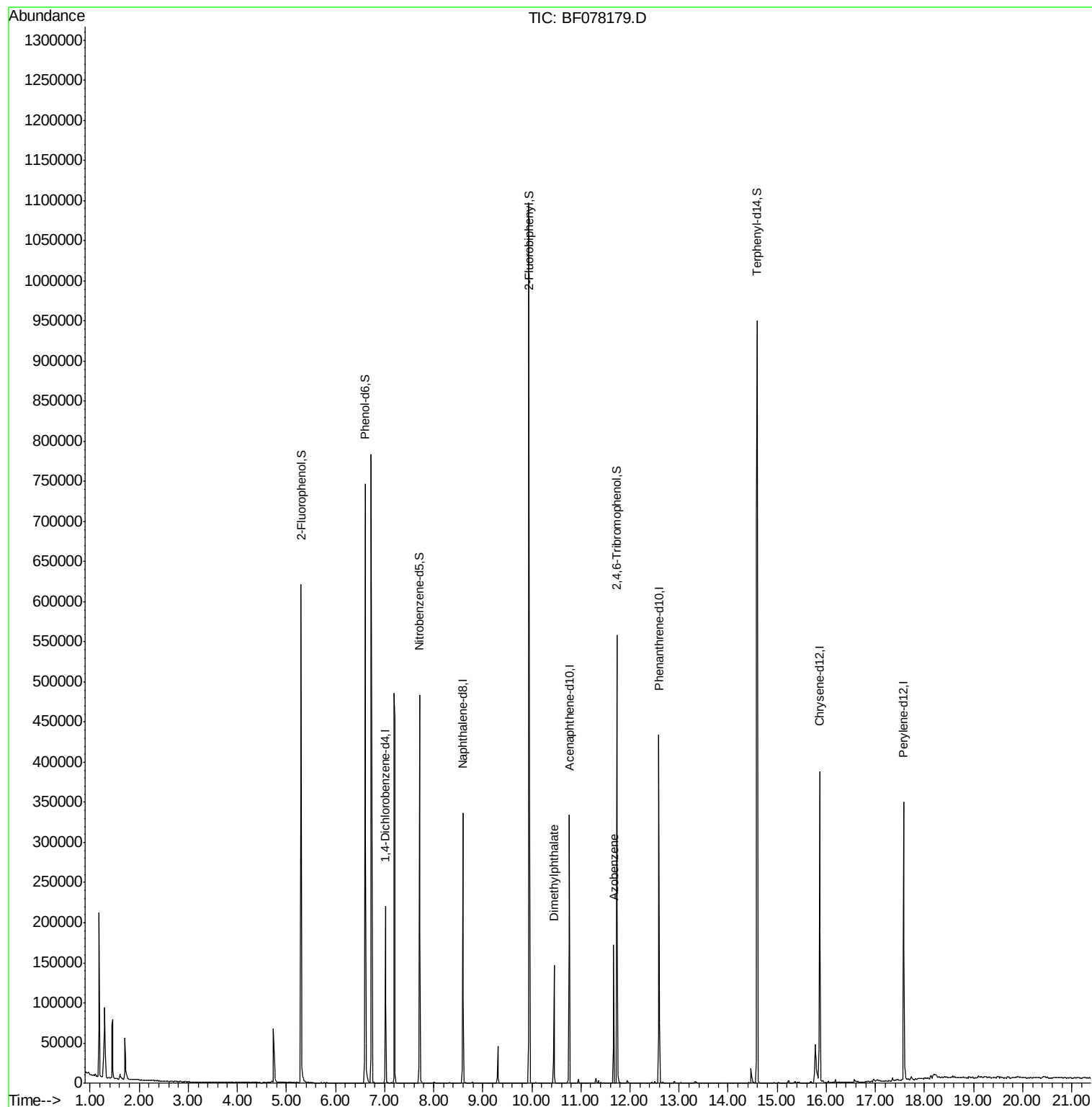
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	38996	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	165008	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	82323	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	164091	20.00	ng	0.00
75) Chrysene-d12	15.86	240	169131	20.00	ng	-0.01
86) Perylene-d12	17.57	264	159339	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	240687	101.76	ng	0.00
7) Phenol-d6	6.60	99	303759	102.48	ng	0.00
23) Nitrobenzene-d5	7.71	82	171734	63.08	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	69334	101.55	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	380820	66.12	ng	0.00
78) Terphenyl-d14	14.59	244	426536	56.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.45	163	62755	10.15	ng	98
62) Azobenzene	11.67	77	32835	6.03	ng	# 1
76) Benzidine	14.29	184	256	Below Cal	#	66

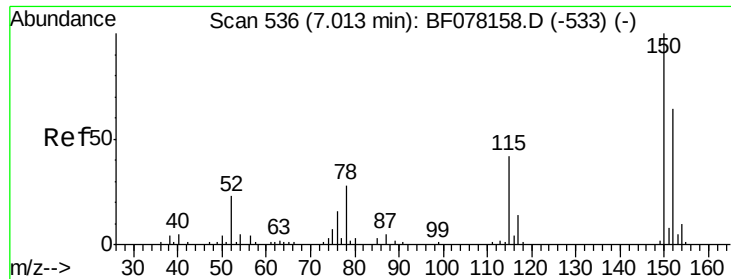
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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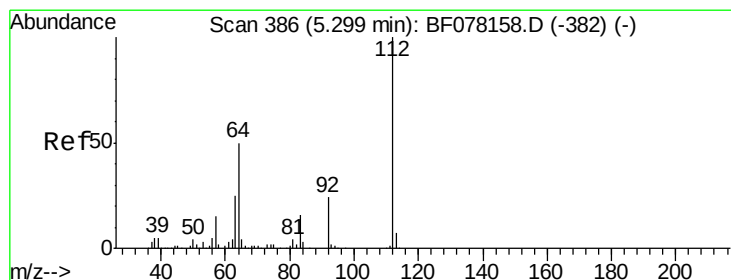
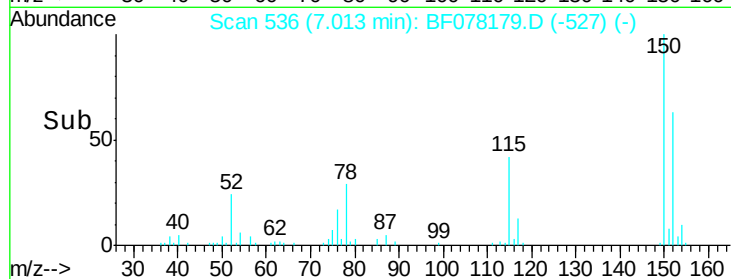
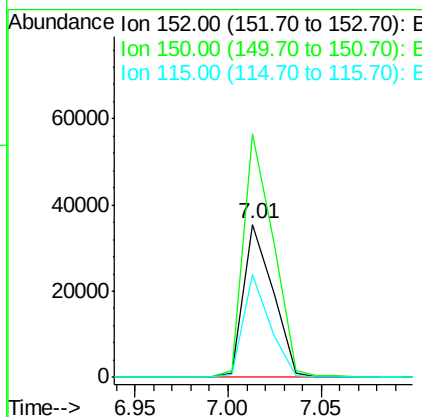
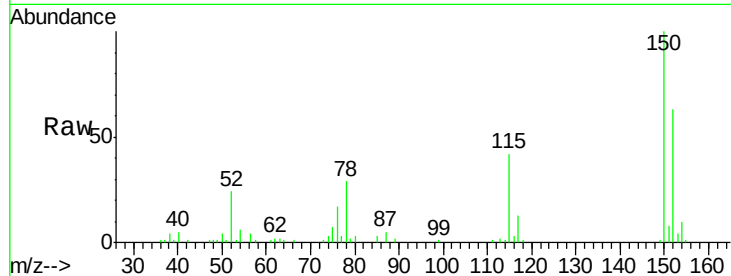




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF078179.D
 Acq: 2 Apr 2015 5:07

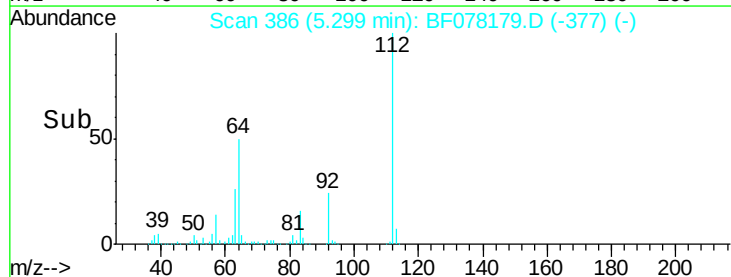
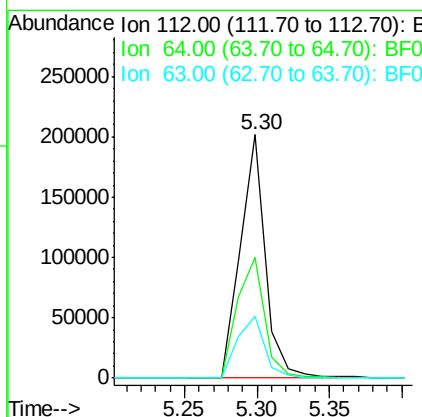
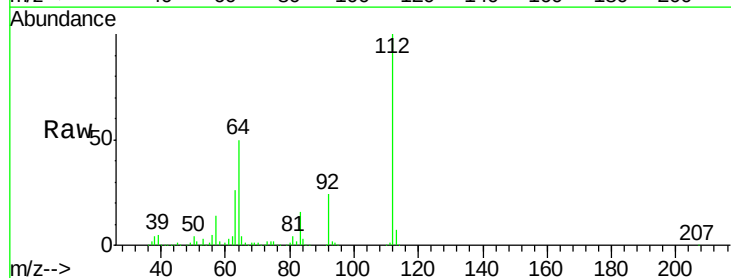
Instrument :
 BNA_F
 ClientSampleId :
 SB4(3-4)

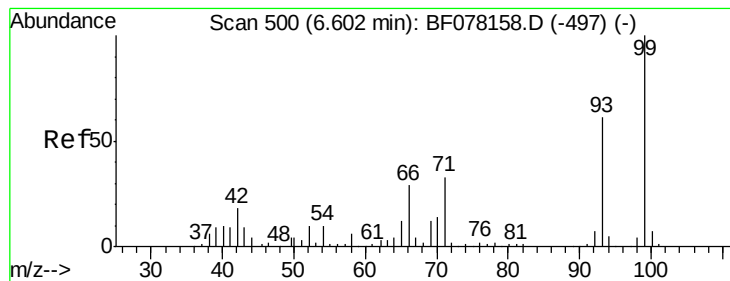
Tgt Ion:152 Resp: 38996
 Ion Ratio Lower Upper
 152 100
 150 159.1 125.9 188.9
 115 67.3 52.7 79.1



#5
 2-Fluorophenol
 Concen: 101.76 ng
 RT: 5.30 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BF078179.D
 Acq: 2 Apr 2015 5:07

Tgt Ion:112 Resp: 240687
 Ion Ratio Lower Upper
 112 100
 64 49.6 39.9 59.9
 63 25.6 20.2 30.4





#7

Phenol-d6

Concen: 102.48 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078179.D

Acq: 2 Apr 2015 5:07

Instrument :

BNA_F

ClientSampleId :

SB4(3-4)

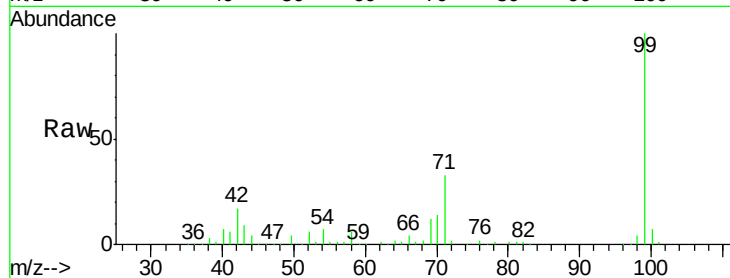
Tgt Ion: 99 Resp: 303759

Ion Ratio Lower Upper

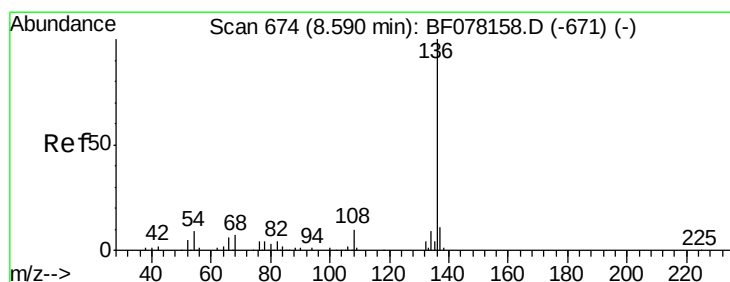
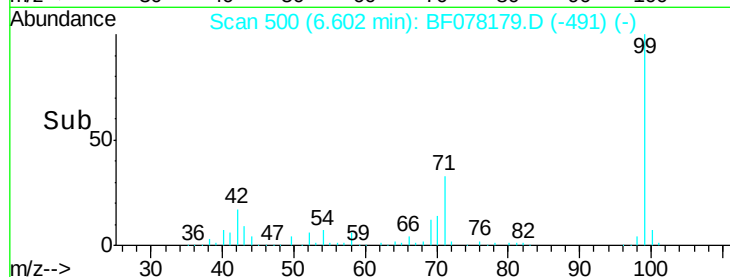
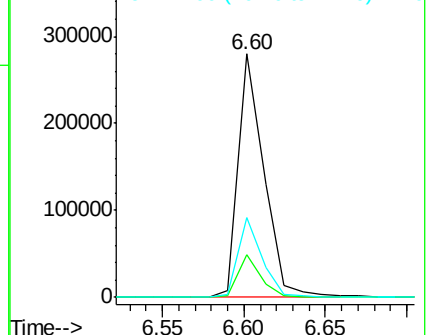
99 100

42 17.4 14.8 22.2

71 32.7 26.6 39.8



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: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078179.D

Acq: 2 Apr 2015 5:07

Tgt Ion: 136 Resp: 165008

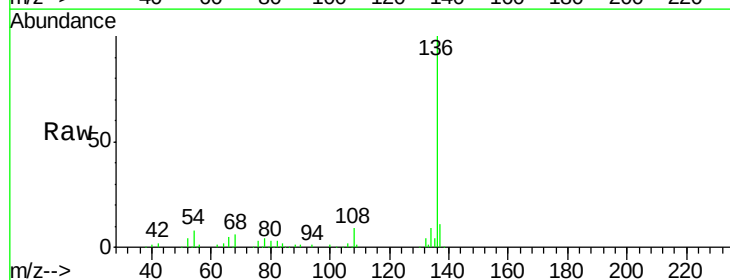
Ion Ratio Lower Upper

136 100

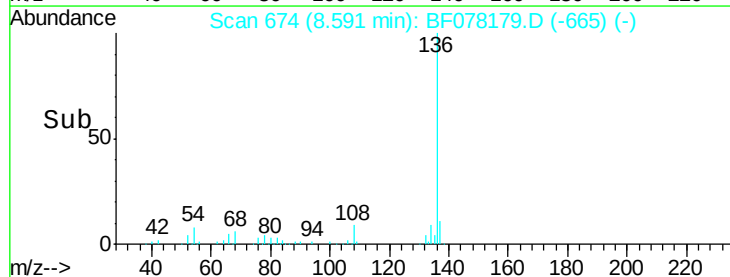
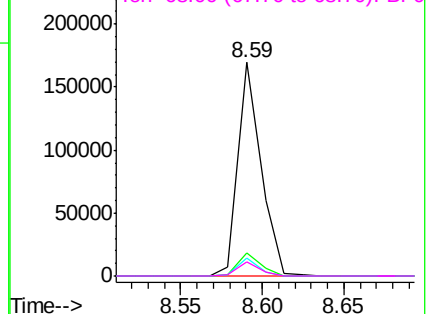
137 10.8 9.0 13.4

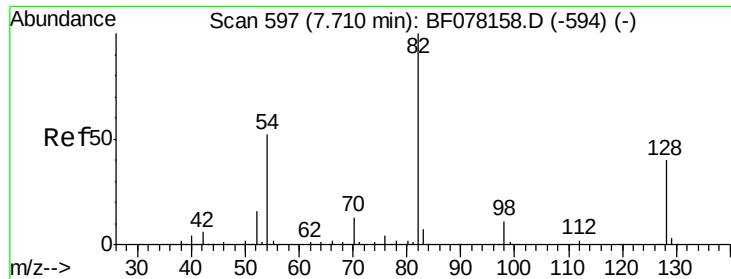
54 8.4 7.0 10.6

68 6.5 5.4 8.2



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

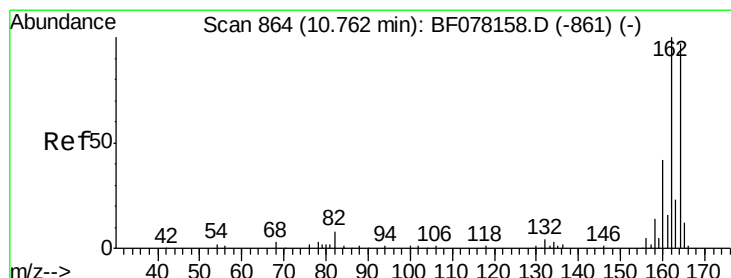
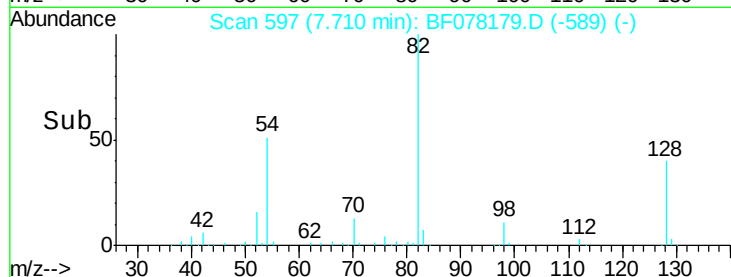
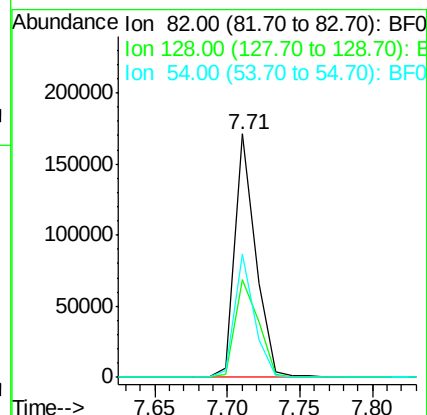
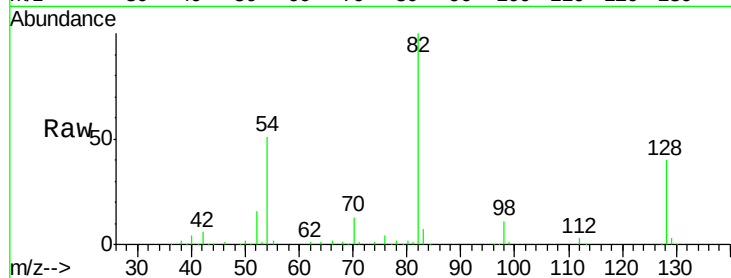




#23
 Nitrobenzene-d5
 Concen: 63.08 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF078179.D
 Acq: 2 Apr 2015 5:07

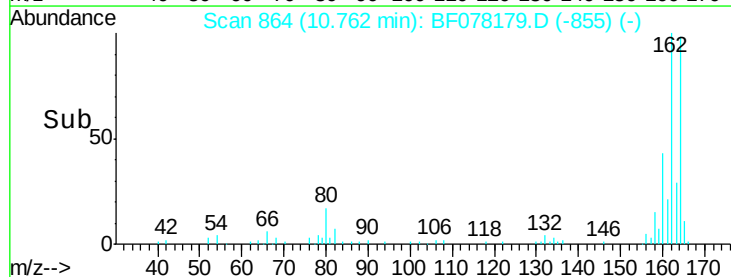
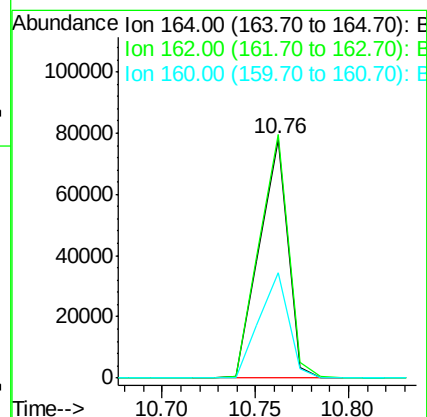
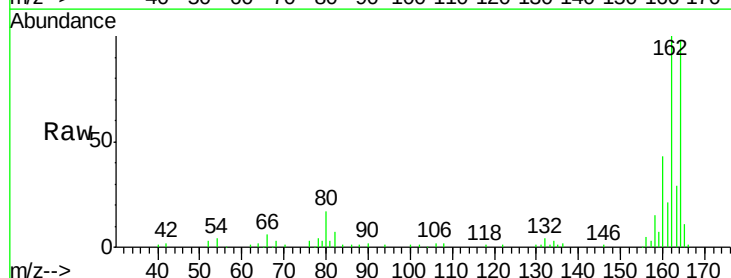
Instrument :
 BNA_F
 ClientSampleId :
 SB4(3-4)

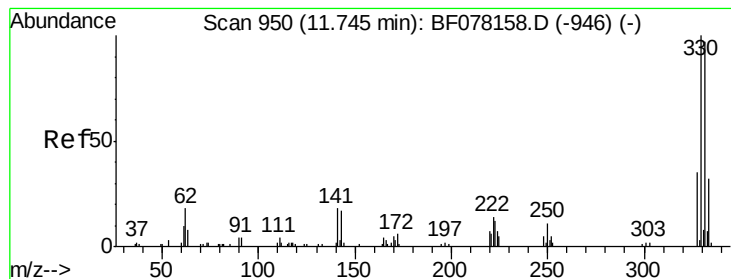
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	31.8	47.8
54	50.7	41.5	62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078179.D
 Acq: 2 Apr 2015 5:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.2	123.2
160	44.2	34.7	52.1

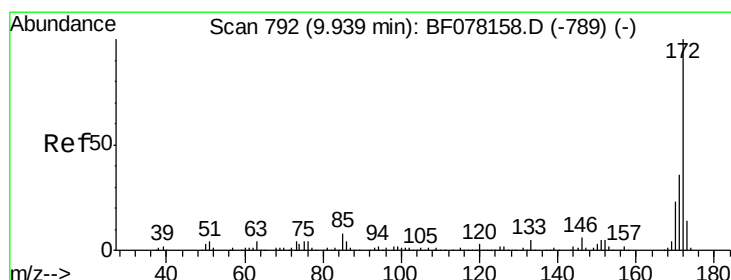
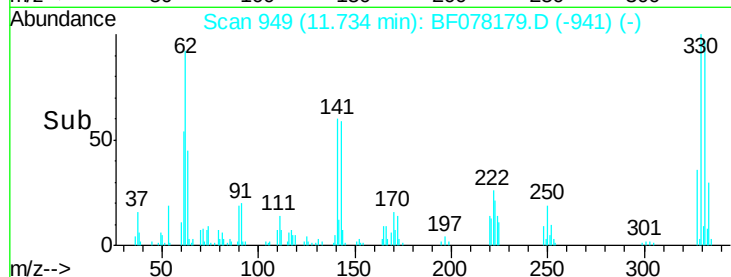
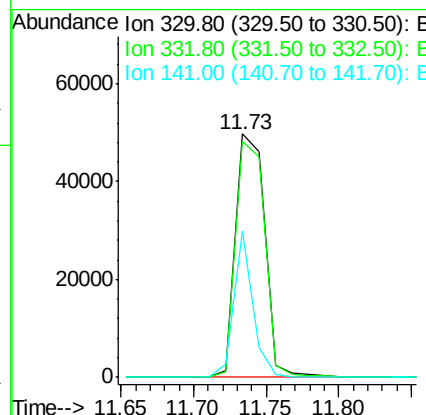
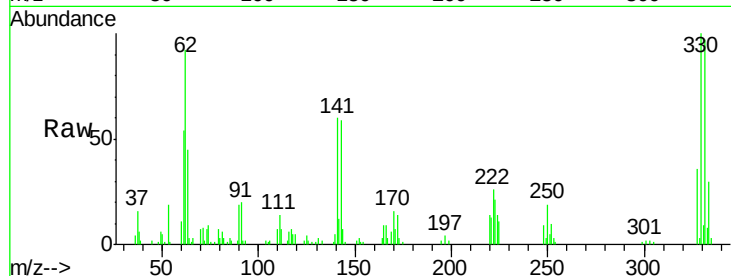




#41
 2,4,6-Tribromophenol
 Concen: 101.55 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078179.D
 Acq: 2 Apr 2015 5:07

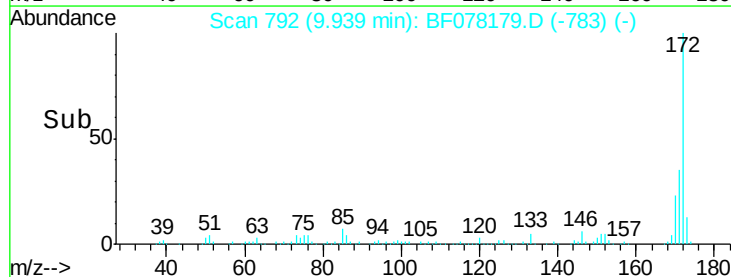
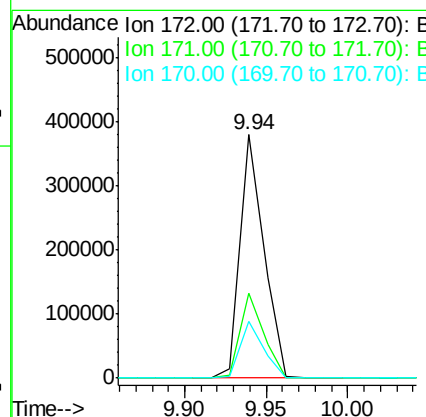
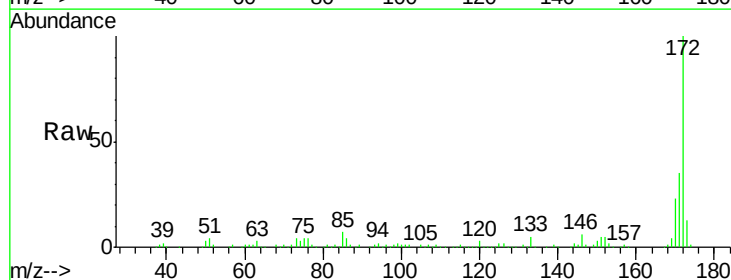
Instrument :
 BNA_F
 ClientSampleId :
 SB4(3-4)

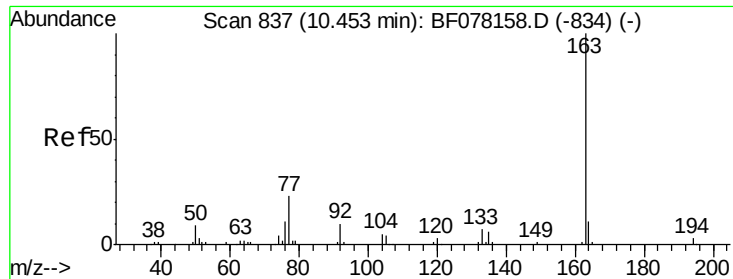
Tgt Ion:330 Resp: 69334
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.6 117.8
 141 38.8 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 66.12 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078179.D
 Acq: 2 Apr 2015 5:07

Tgt Ion:172 Resp: 380820
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 23.1 18.5 27.7

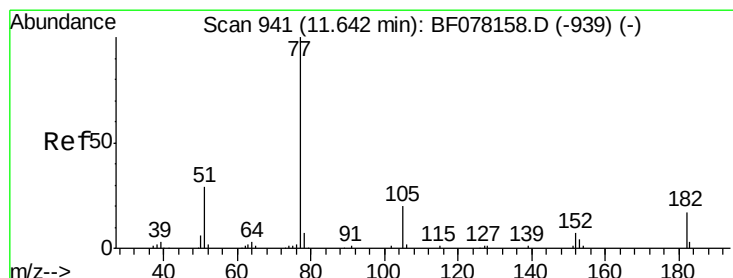
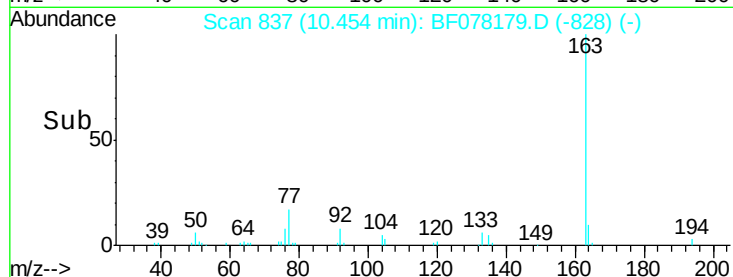
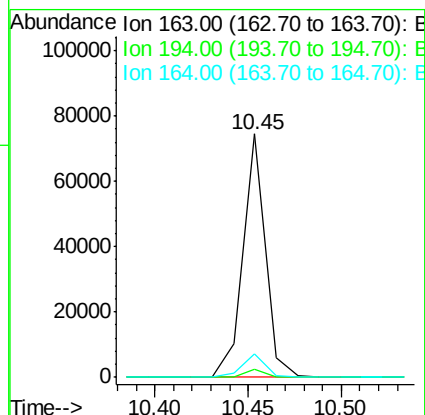
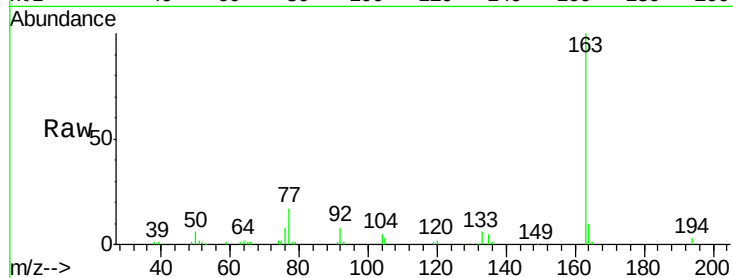




#49
Dimethylphthalate
Concen: 10.15 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF078179.D
Acq: 2 Apr 2015 5:07

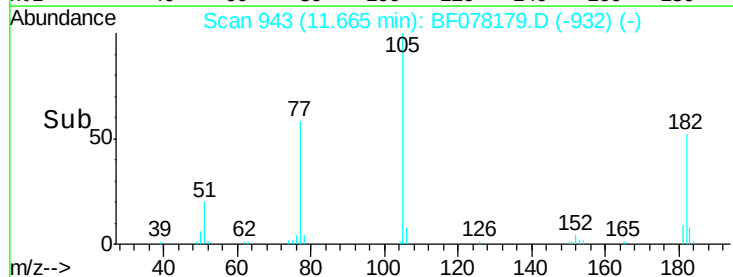
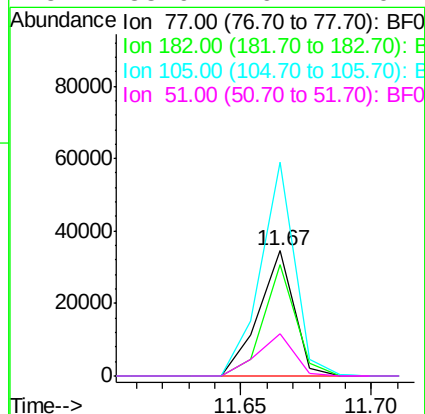
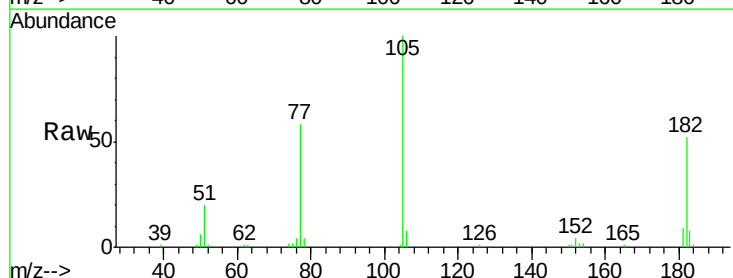
Instrument :
BNA_F
ClientSampleId :
SB4(3-4)

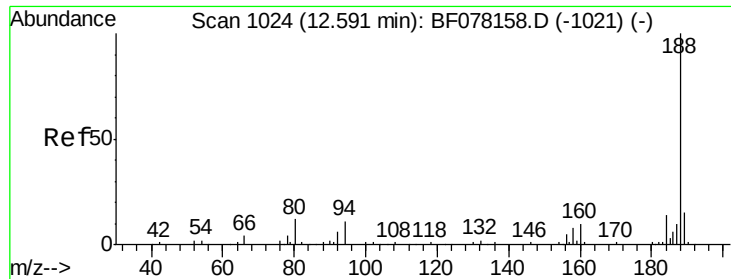
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.3	3.5
164	9.7	8.6	13.0



#62
Azobenzene
Concen: 6.03 ng
RT: 11.67 min Scan# 943
Delta R.T. 0.02 min
Lab File: BF078179.D
Acq: 2 Apr 2015 5:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	89.1	0.0	36.8#
105	171.1	0.3	40.3#
51	33.9	9.1	49.1

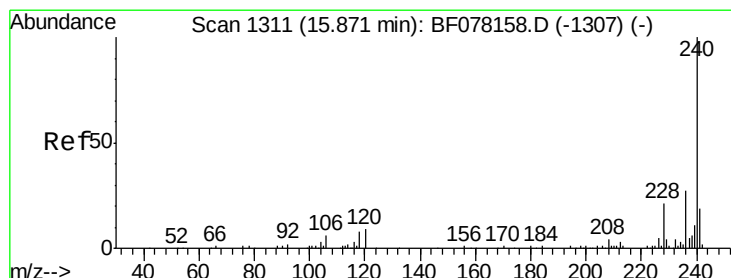
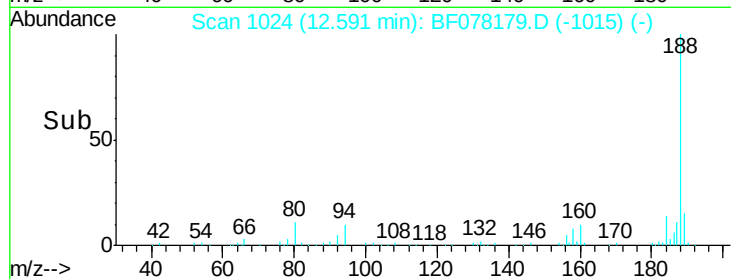
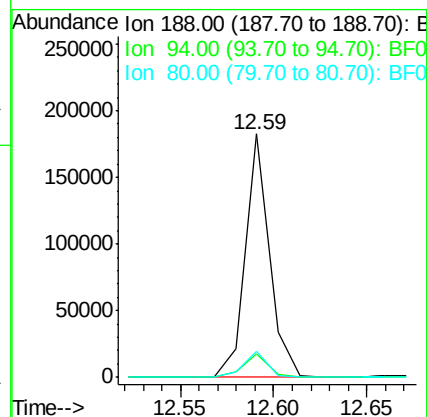
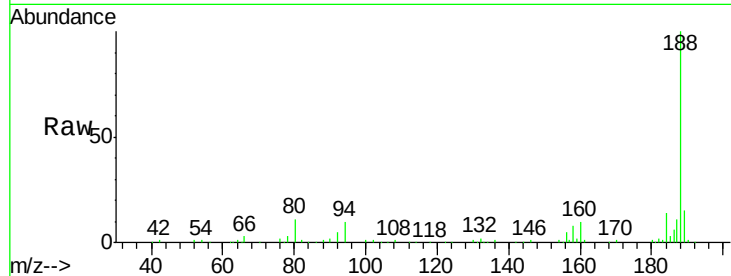




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078179.D
Acq: 2 Apr 2015 5:07

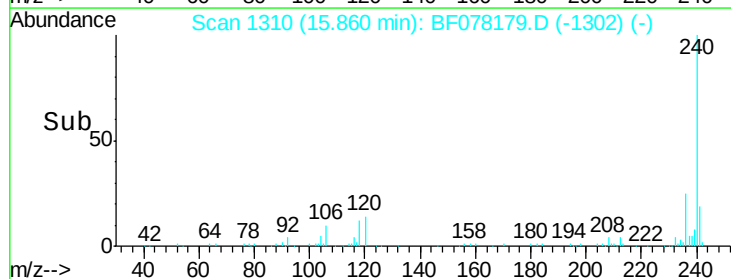
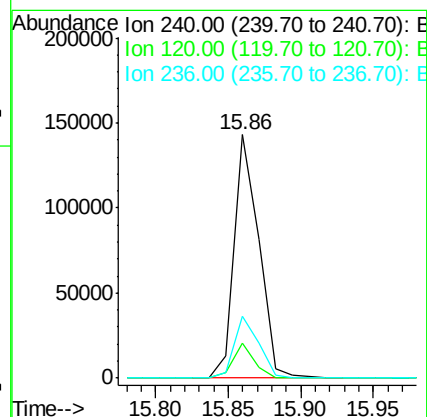
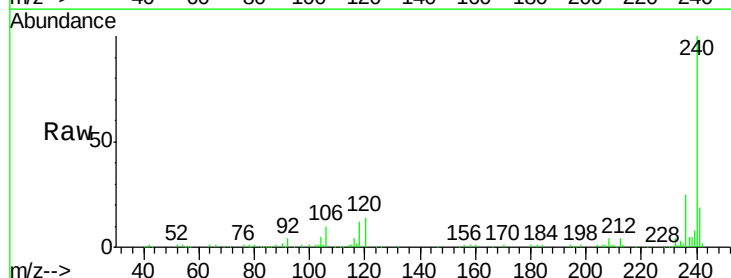
Instrument :
BNA_F
ClientSampleId :
SB4(3-4)

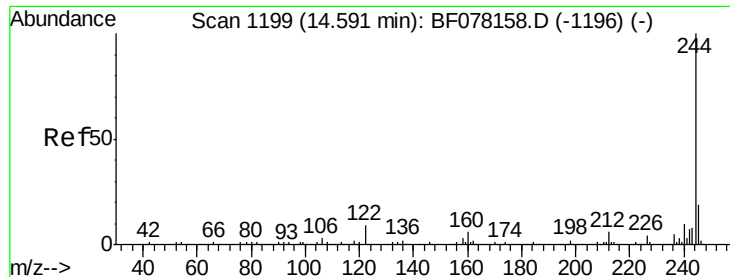
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.5	9.5	14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF078179.D
Acq: 2 Apr 2015 5:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.2	7.1	10.7#
236	25.2	21.4	32.2





#78

Terphenyl-d14

Concen: 56.99 ng

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF078179.D

Acq: 2 Apr 2015 5:07

Instrument :

BNA_F

ClientSampleId :

SB4(3-4)

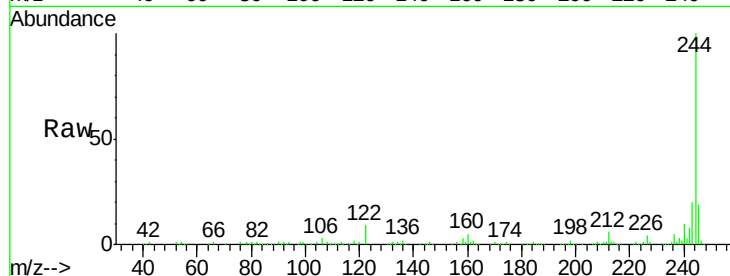
Tgt Ion:244 Resp: 426536

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

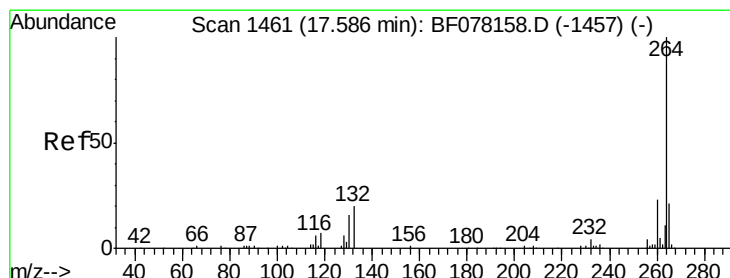
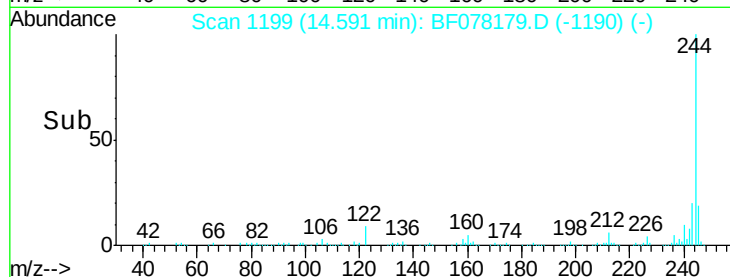
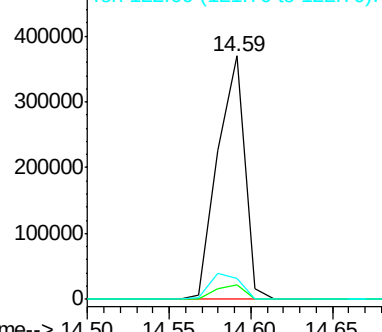
122 8.6 7.1 10.7



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: 17.57 min Scan# 1460

Delta R.T. -0.03 min

Lab File: BF078179.D

Acq: 2 Apr 2015 5:07

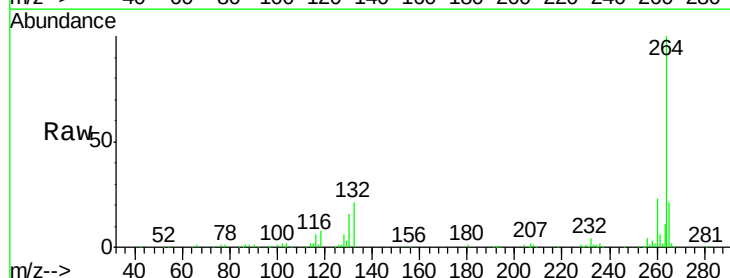
Tgt Ion:264 Resp: 159339

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.2 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

