

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
 Data File : BF077785.D
 Acq On : 17 Mar 2015 21:40
 Operator : TP/IZ
 Sample : G1544-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-12

Quant Time: Mar 18 00:11:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 00:52:09 2015
 Response via : Initial Calibration

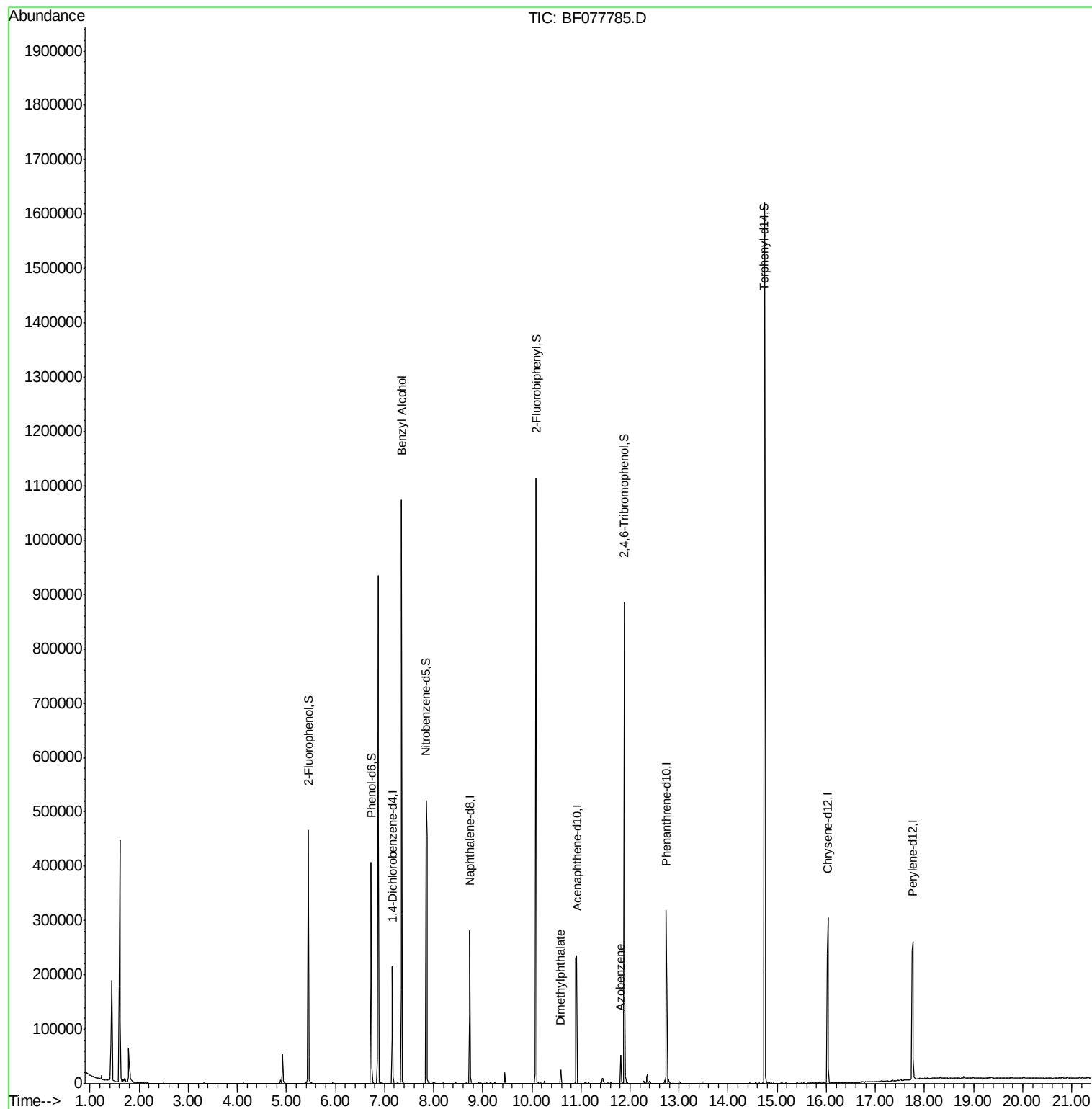
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	38872	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	152762	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	73309	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	148706	20.00	ng	-0.01
75) Chrysene-d12	16.03	240	158343	20.00	ng	0.00
86) Perylene-d12	17.76	264	148753	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	201151	90.33	ng	0.00
7) Phenol-d6	6.73	99	168830	61.36	ng	0.00
23) Nitrobenzene-d5	7.85	82	242057	103.87	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	104875	149.52	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	543315	108.92	ng	0.00
78) Terphenyl-d14	14.74	244	603042	93.03	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.34	79	4478	2.08	ng	# 47
49) Dimethylphthalate	10.59	163	11892	2.19	ng	99
62) Azobenzene	11.80	77	15694	3.10	ng	# 1
76) Benzidine	14.44	184	1364	Below Cal		# 68

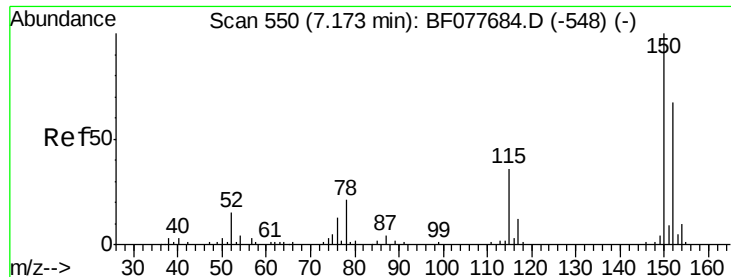
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 00:52:09 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.16 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF077785.D

Acq: 17 Mar 2015 21:40

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BNA_F

ClientSampleId :

TW-12

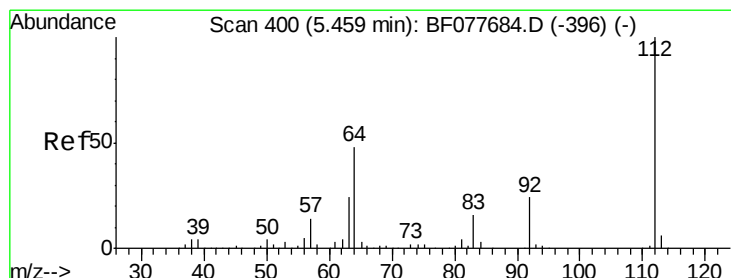
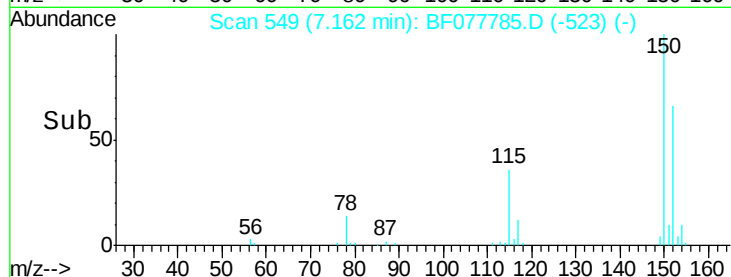
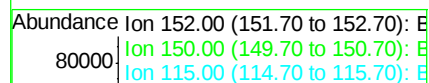
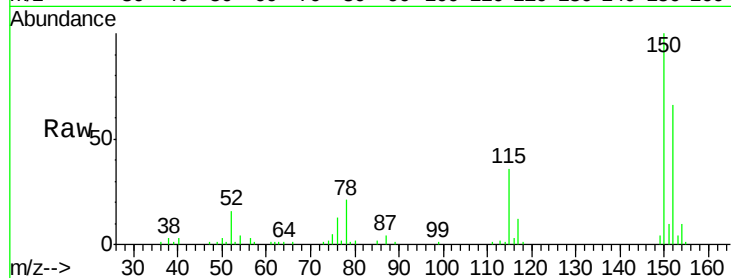
Tgt Ion:152 Resp: 38872

Ion Ratio Lower Upper

152 100

150 151.8 119.5 179.3

115 55.0 43.0 64.4



#5

2-Fluorophenol

Concen: 90.33 ng

RT: 5.45 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF077785.D

Acq: 17 Mar 2015 21:40

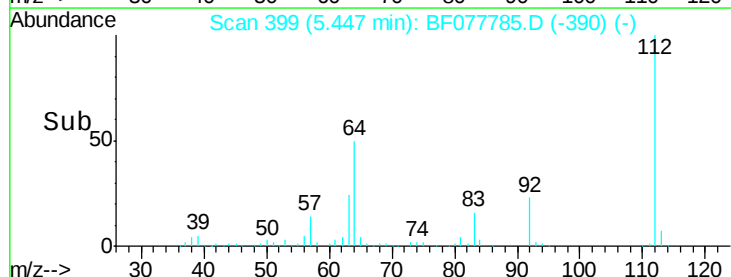
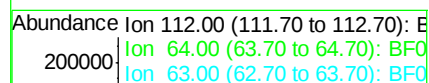
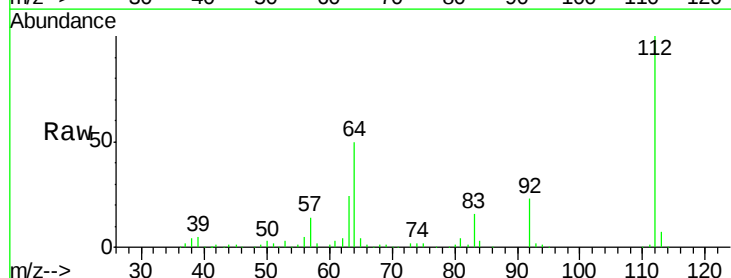
Tgt Ion:112 Resp: 201151

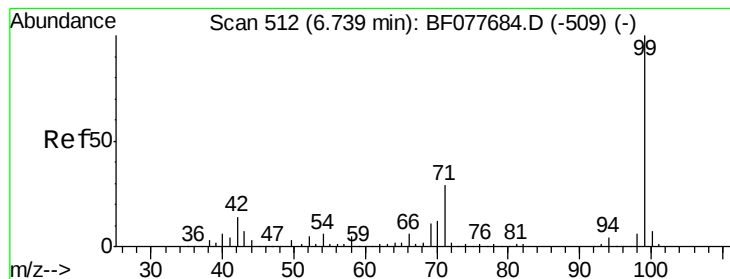
Ion Ratio Lower Upper

112 100

64 50.0 38.6 57.8

63 24.0 19.3 28.9





#7

Phenol-d6

Concen: 61.36 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077785.D

Acq: 17 Mar 2015 21:40

Instrument :

BNA_F

ClientSampleId :

TW-12

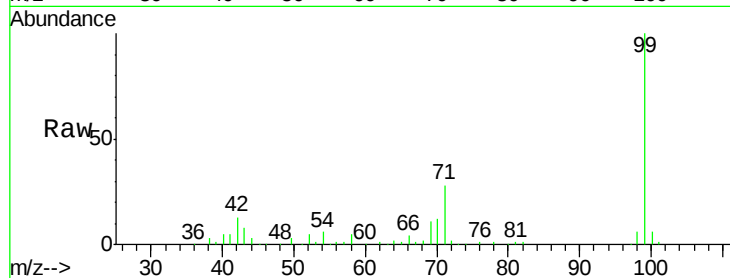
Tgt Ion: 99 Resp: 168830

Ion Ratio Lower Upper

99 100

42 13.1 11.0 16.4

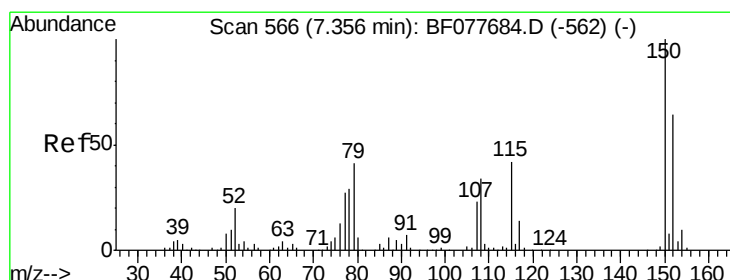
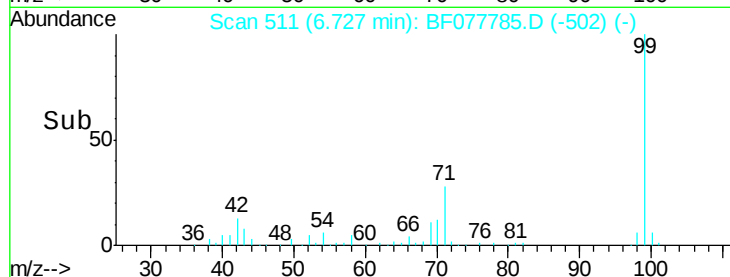
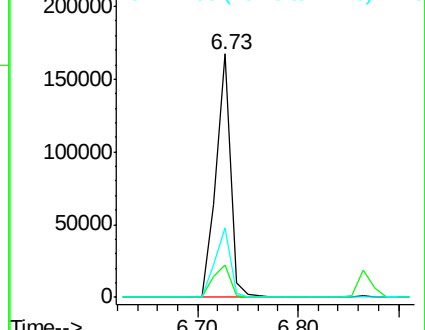
71 28.5 23.4 35.2



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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.34 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF077785.D

Acq: 17 Mar 2015 21:40

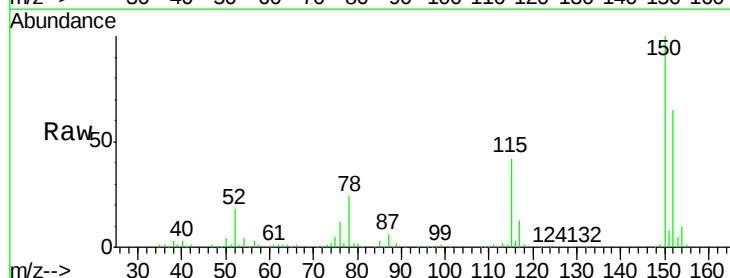
Tgt Ion: 79 Resp: 4478

Ion Ratio Lower Upper

79 100

108 28.8 65.0 97.4#

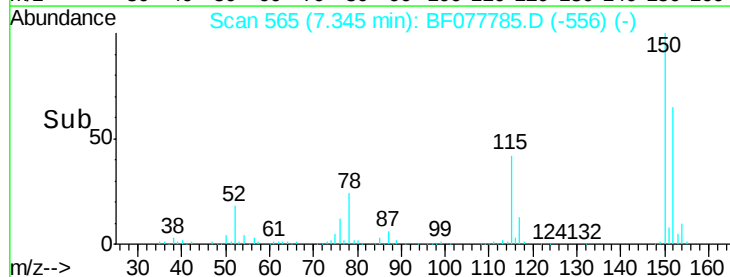
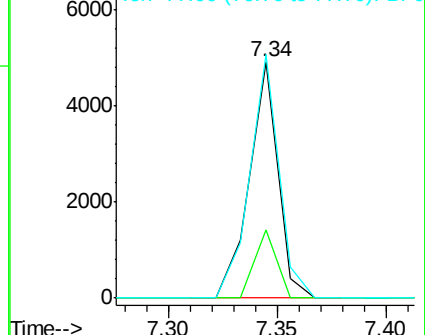
77 103.0 53.0 79.6#

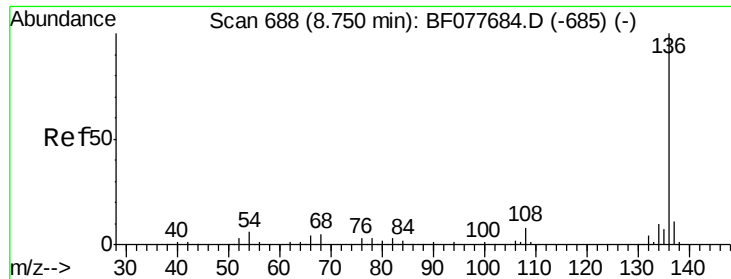


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): B

Ion 77.00 (76.70 to 77.70): BF0

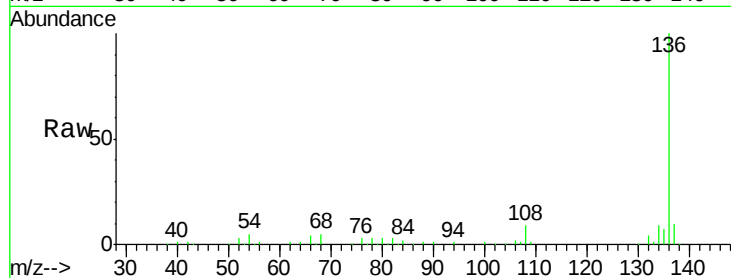




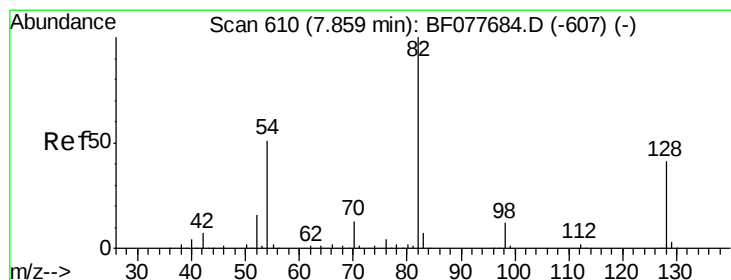
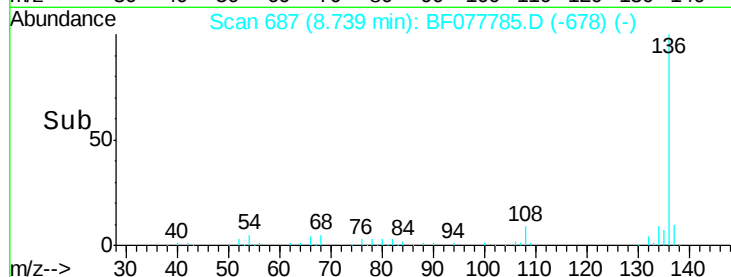
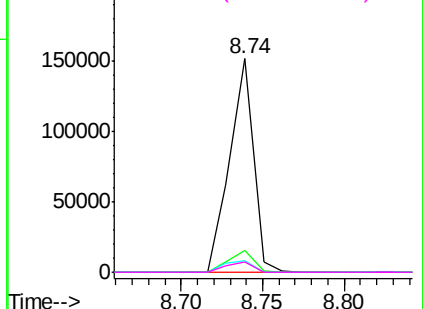
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077785.D
Acq: 17 Mar 2015 21:40

Instrument :
BNA_F
ClientSampleId :
TW-12

Tgt Ion:	136	Resp:	152762
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	5.2	4.6	6.8
68	4.9	3.7	5.5

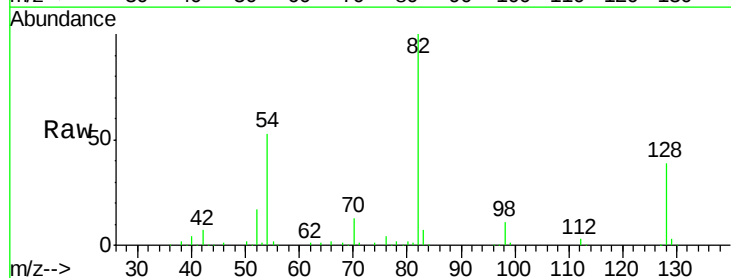


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

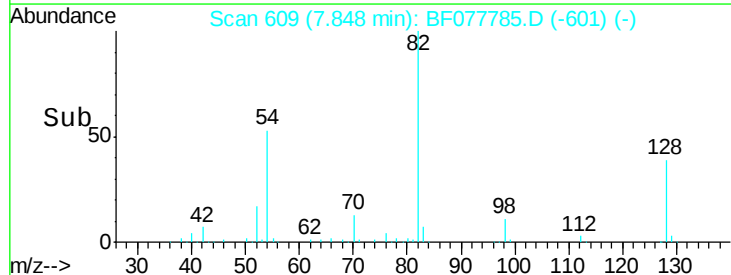
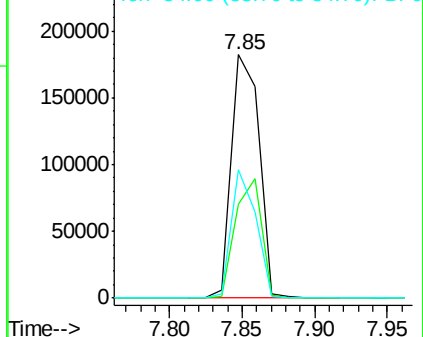


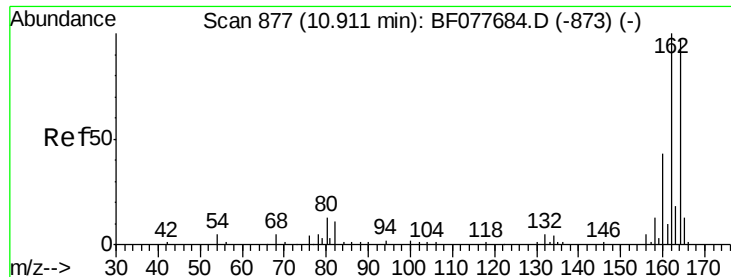
#23
Nitrobenzene-d5
Concen: 103.87 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077785.D
Acq: 17 Mar 2015 21:40

Tgt Ion:	82	Resp:	242057
Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.8	49.2
54	52.5	40.6	60.8



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

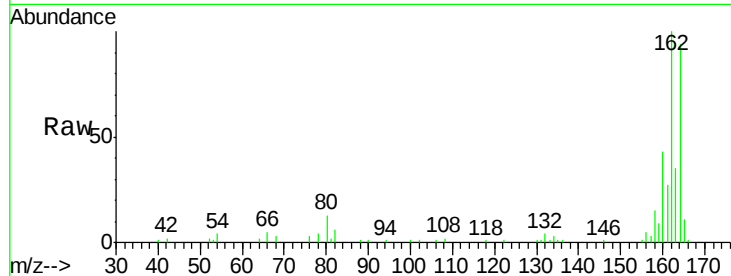




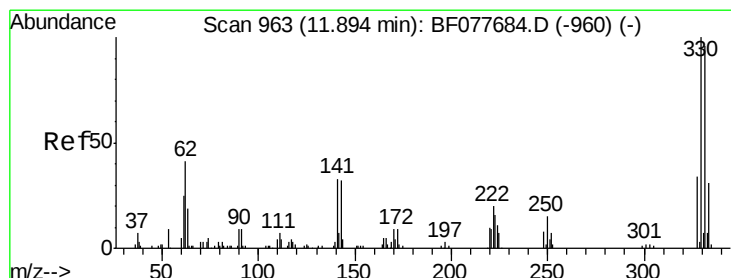
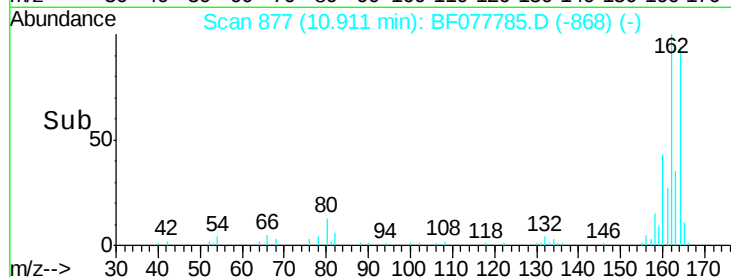
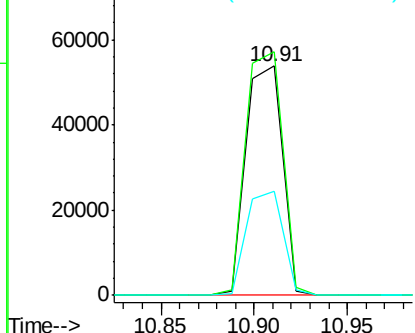
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF077785.D
 Acq: 17 Mar 2015 21:40

Instrument :
 BNA_F
 ClientSampleId :
 TW-12

Tgt Ion:164 Resp: 73309
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.4 123.6
 160 45.3 35.8 53.6

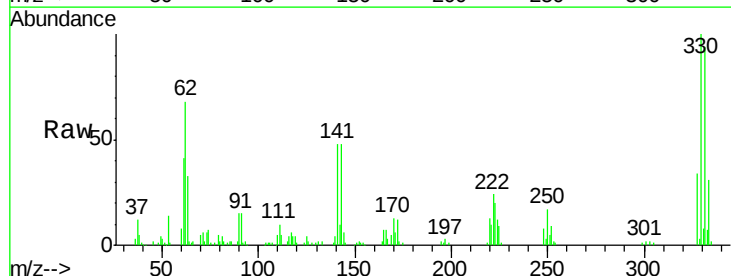


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

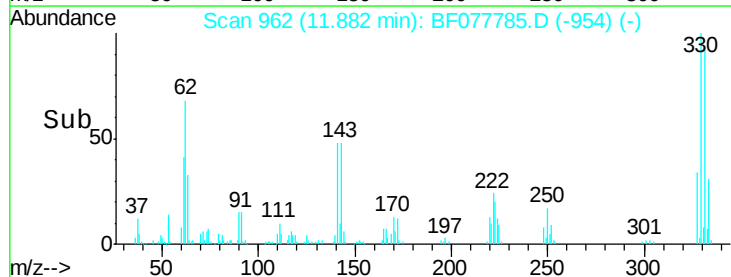
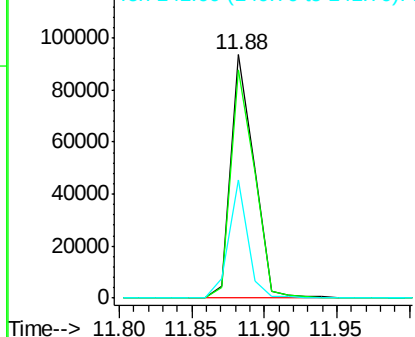


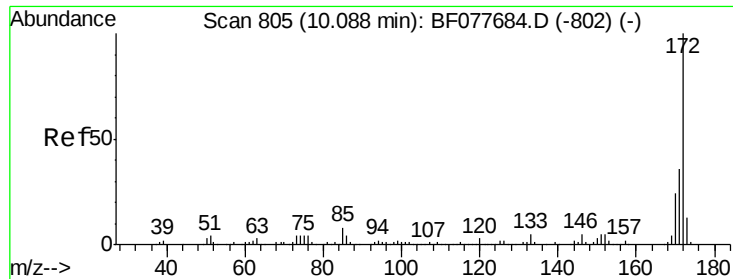
#41
 2,4,6-Tribromophenol
 Concen: 149.52 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF077785.D
 Acq: 17 Mar 2015 21:40

Tgt Ion:330 Resp: 104875
 Ion Ratio Lower Upper
 330 100
 332 95.1 0.0 0.0#
 141 39.7 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

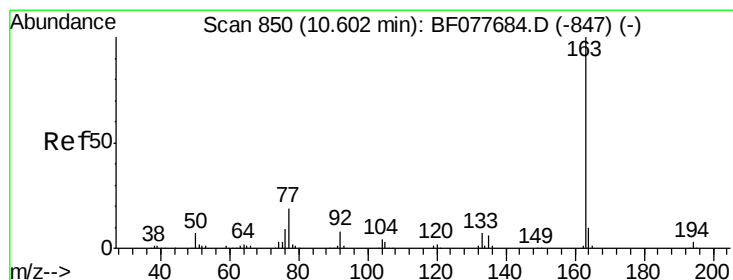
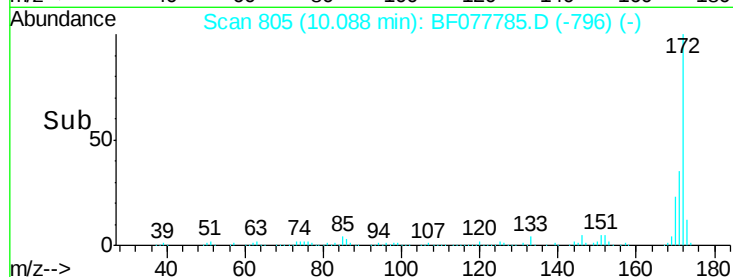
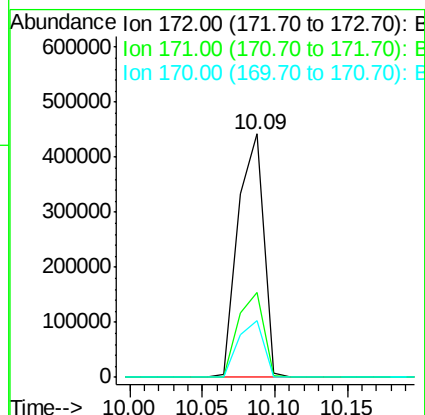
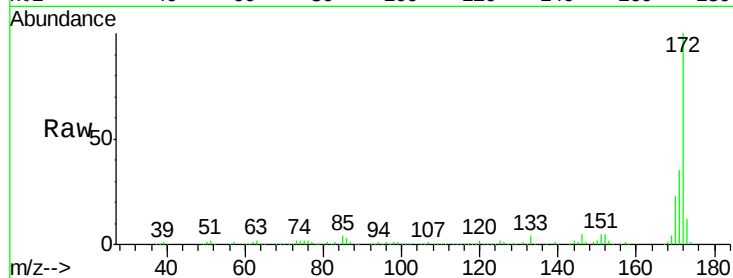




#44
 2-Fluorobiphenyl
 Concen: 108.92 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077785.D
 Acq: 17 Mar 2015 21:40

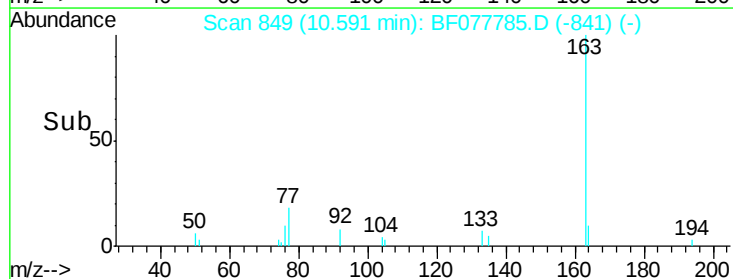
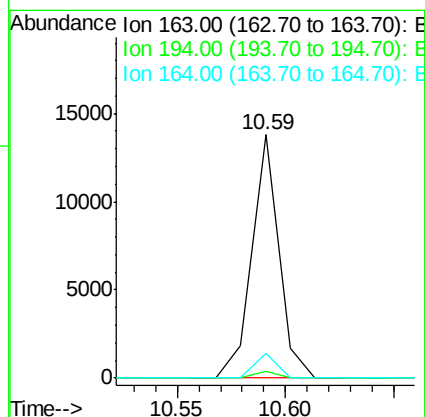
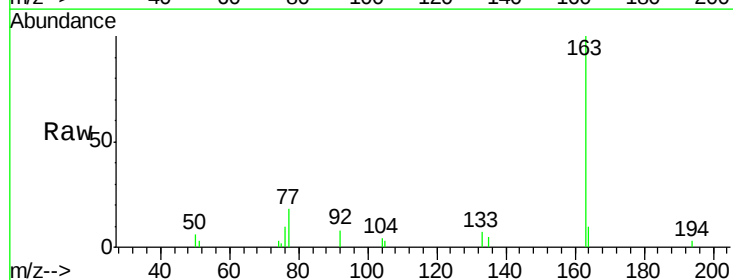
Instrument :
 BNA_F
 ClientSampleId :
 TW-12

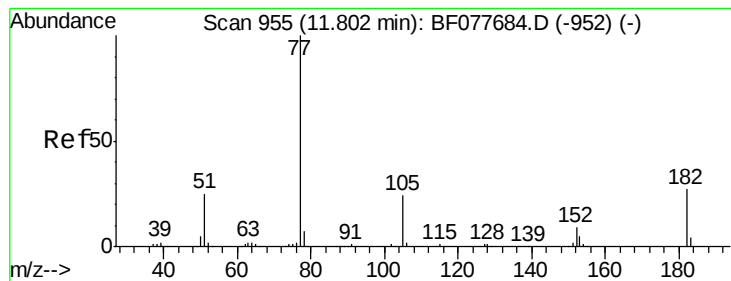
Tgt Ion:172 Resp: 543315
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.2 18.8 28.2



#49
 Dimethylphthalate
 Concen: 2.19 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF077785.D
 Acq: 17 Mar 2015 21:40

Tgt Ion:163 Resp: 11892
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.7 4.1
 164 10.4 8.2 12.2





#62

Azobenzene

Concen: 3.10 ng

RT: 11.80 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF077785.D

Acq: 17 Mar 2015 21:40

Instrument :

BNA_F

ClientSampleId :

TW-12

Tgt Ion: 77 Resp: 15694

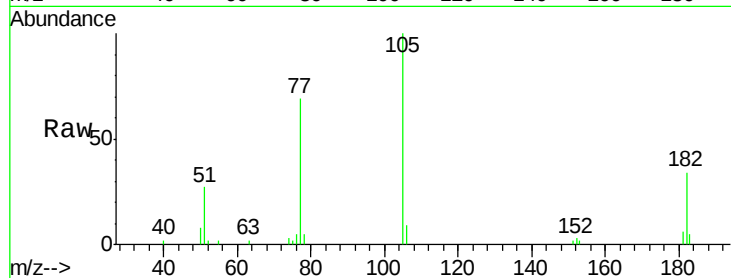
Ion Ratio Lower Upper

77 100

182 49.3 6.5 46.5#

105 144.8 3.8 43.8#

51 39.5 5.5 45.5

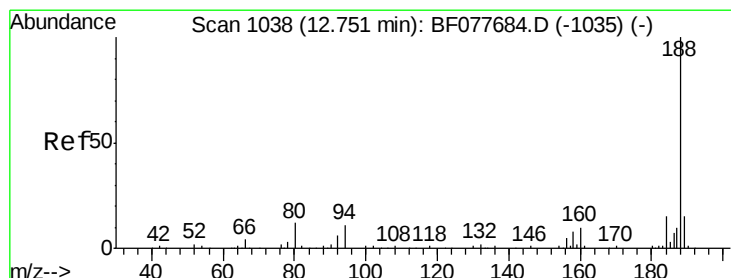
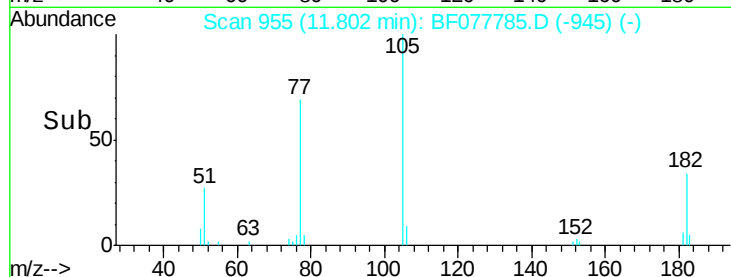
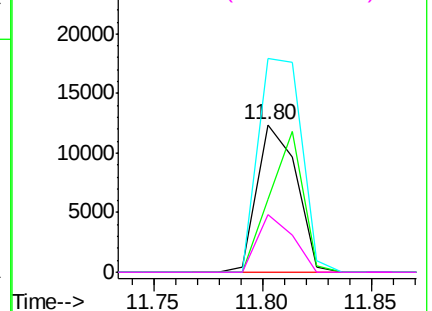


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.74 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF077785.D

Acq: 17 Mar 2015 21:40

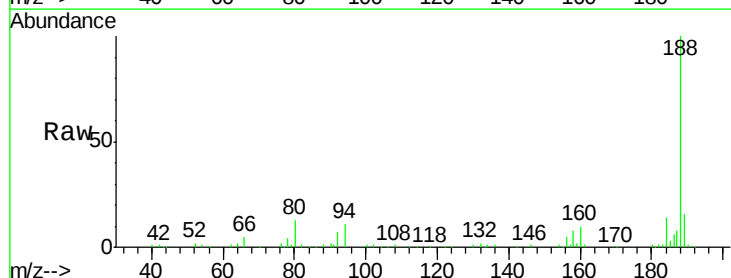
Tgt Ion: 188 Resp: 148706

Ion Ratio Lower Upper

188 100

94 11.3 8.7 13.1

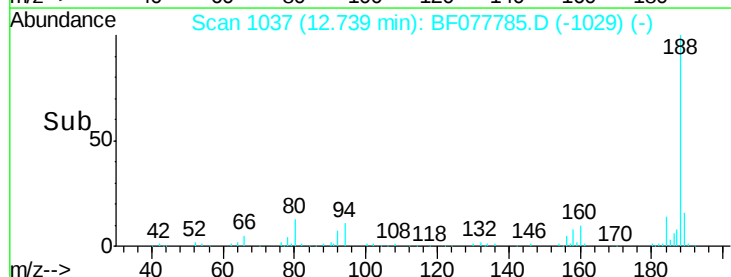
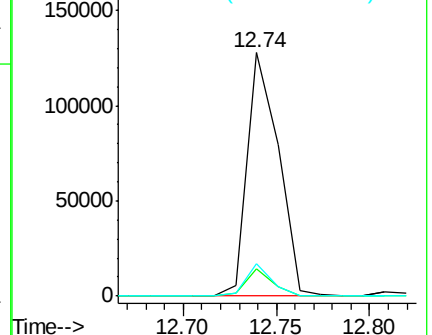
80 13.1 9.3 13.9

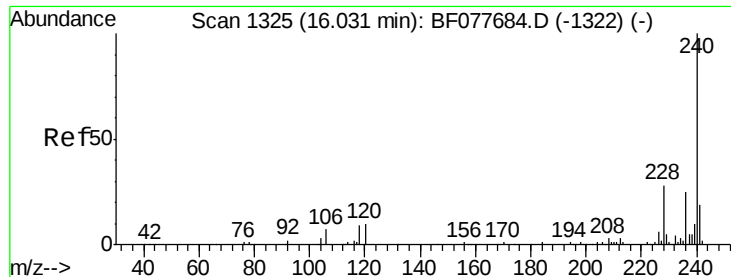


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

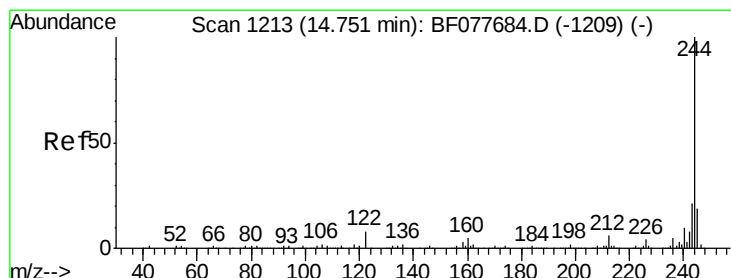
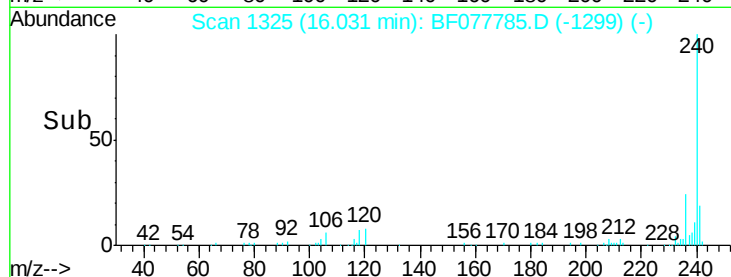
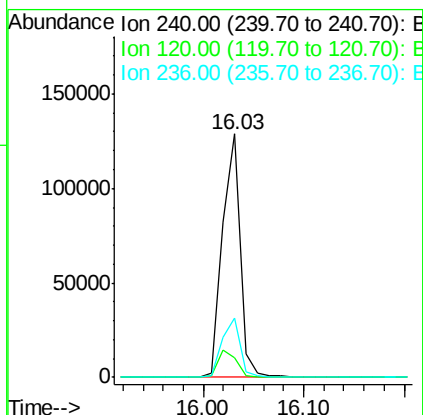
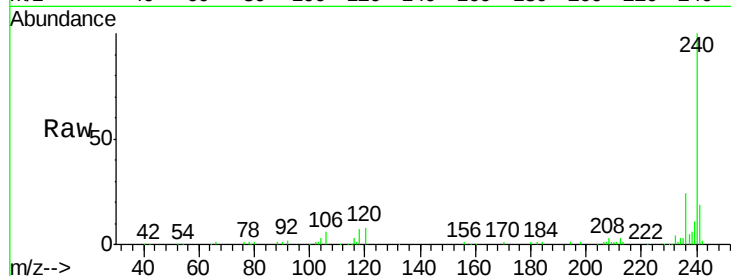




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077785.D
Acq: 17 Mar 2015 21:40

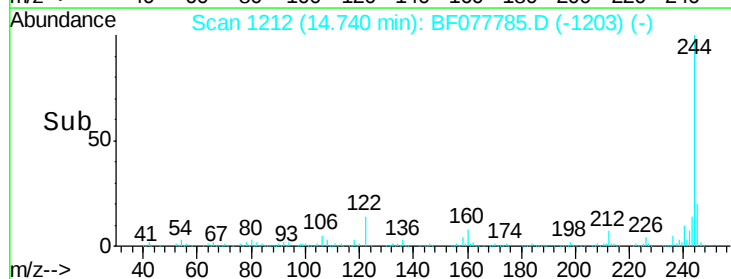
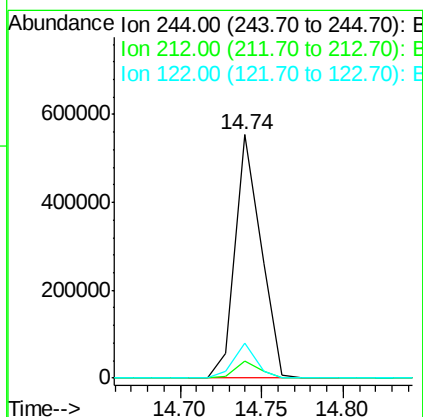
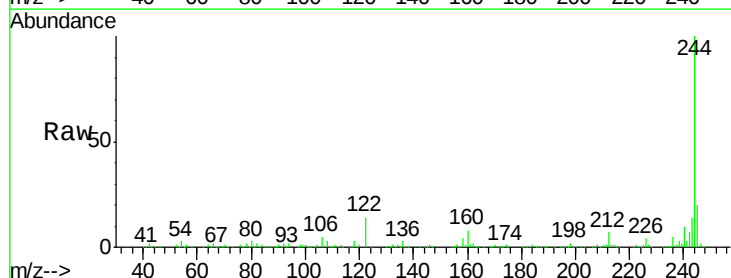
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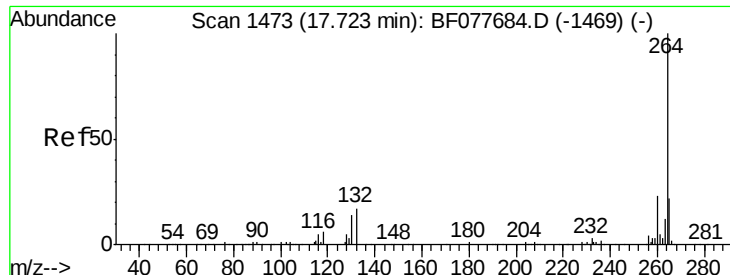
Tgt Ion:240 Resp: 158343
Ion Ratio Lower Upper
240 100
120 8.2 8.2 12.2
236 24.5 20.0 30.0



#78
Terphenyl-d14
Concen: 93.03 ng
RT: 14.74 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF077785.D
Acq: 17 Mar 2015 21:40

Tgt Ion:244 Resp: 603042
Ion Ratio Lower Upper
244 100
212 6.9 4.9 7.3
122 14.3 6.2 9.4#

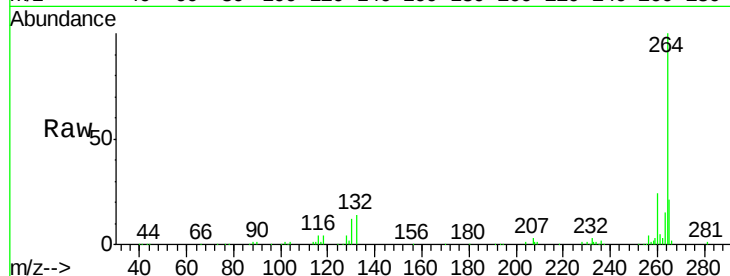




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.76 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BF077785.D
 Acq: 17 Mar 2015 21:40

Instrument :
 BNA_F
 ClientSampleId :
 TW-12

Tgt Ion: 264 Resp: 148753
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.1 17.3 25.9



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

