

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031715\
 Data File : BF077783.D
 Acq On : 17 Mar 2015 20:43
 Operator : TP/IZ
 Sample : G1544-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-8

Quant Time: Mar 18 00:10:44 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

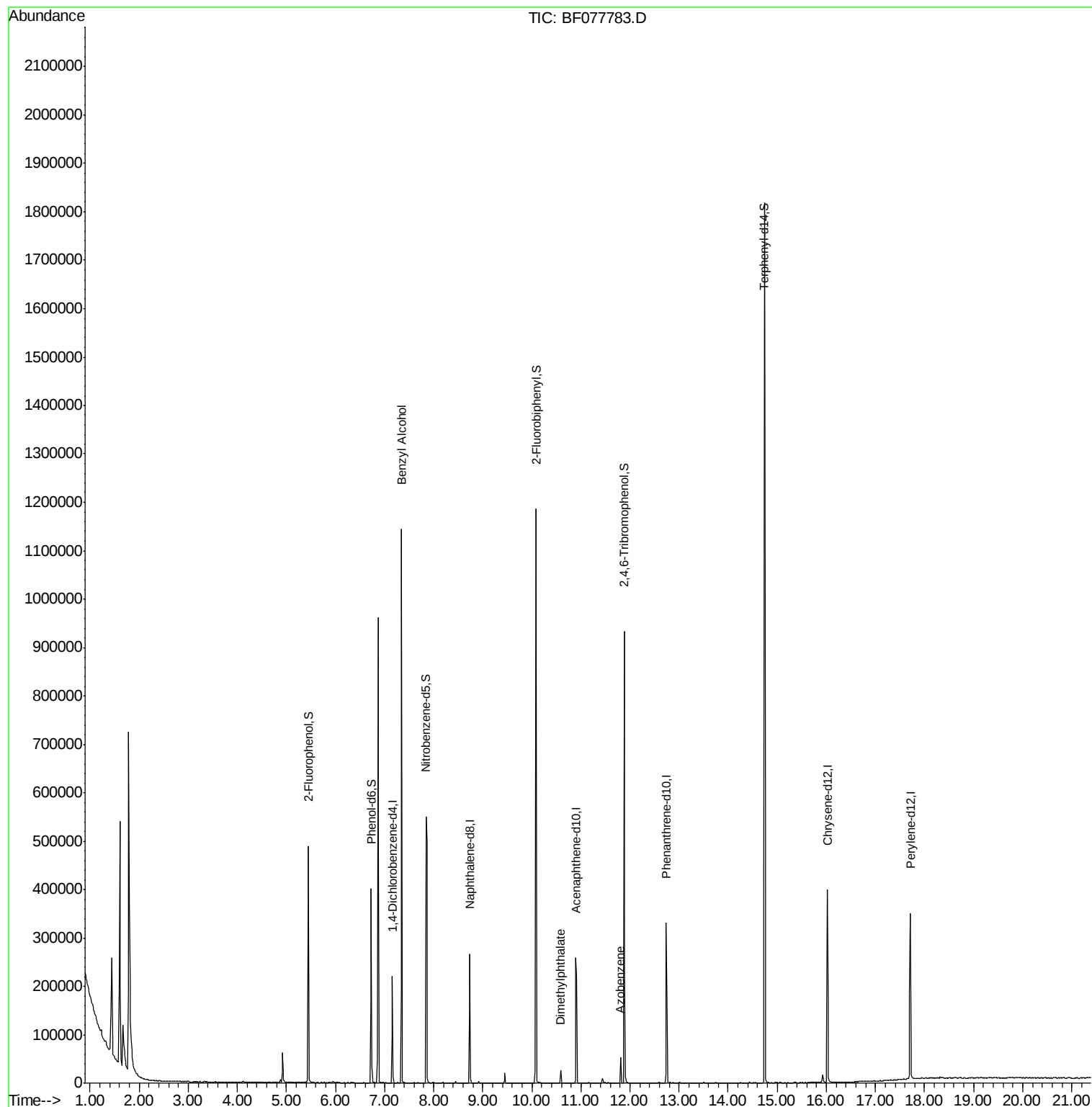
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	39778	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	154850	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	74648	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	157517	20.00	ng	-0.01
75) Chrysene-d12	16.02	240	167461	20.00	ng	-0.01
86) Perylene-d12	17.71	264	161430	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	199752	87.65	ng	0.00
7) Phenol-d6	6.73	99	164905	58.57	ng	0.00
23) Nitrobenzene-d5	7.85	82	260223	110.16	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	110653	154.93	ng	-0.01
44) 2-Fluorobiphenyl	10.09	172	581873	114.55	ng	0.00
78) Terphenyl-d14	14.74	244	664293	96.90	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.34	79	4706	2.14	ng	# 44
49) Dimethylphthalate	10.59	163	12555	2.27	ng	97
62) Azobenzene	11.80	77	14750	2.86	ng	# 1
76) Benzidine	14.43	184	1876	Below Cal		# 68

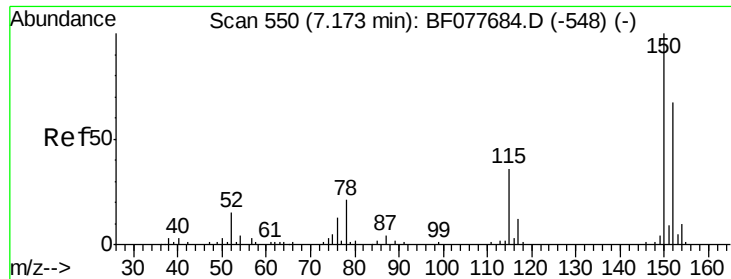
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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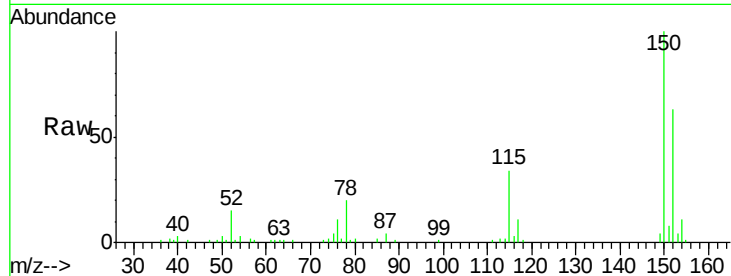


#1

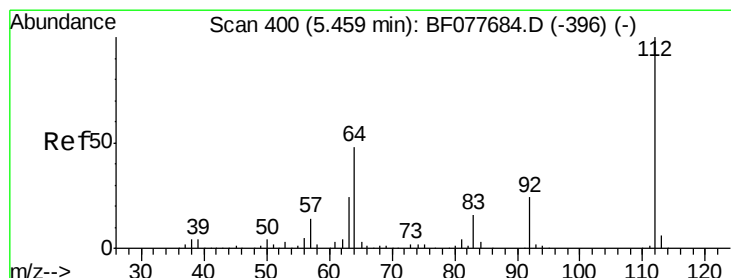
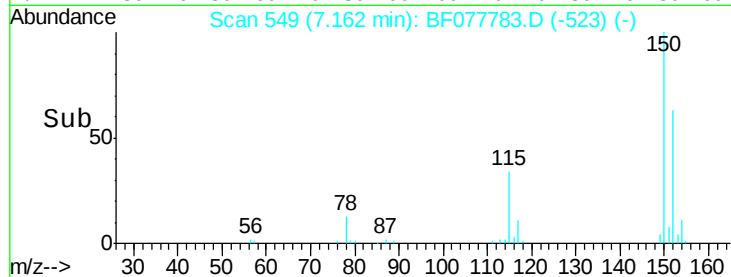
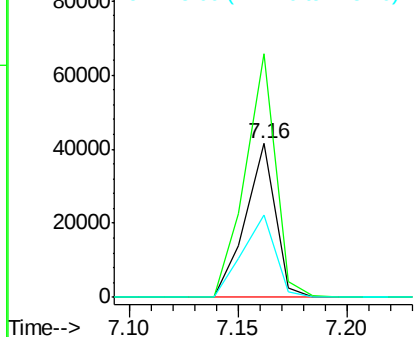
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF077783.D
Acq: 17 Mar 2015 20:43

Instrument :
BNA_F
ClientSampleId :
TW-8

Tgt Ion:152 Resp: 39778
Ion Ratio Lower Upper
152 100
150 158.3 119.5 179.3
115 53.6 43.0 64.4



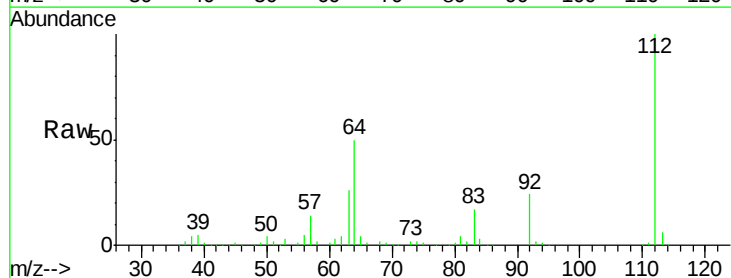
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



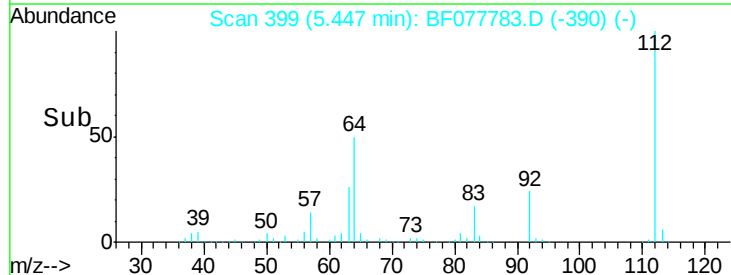
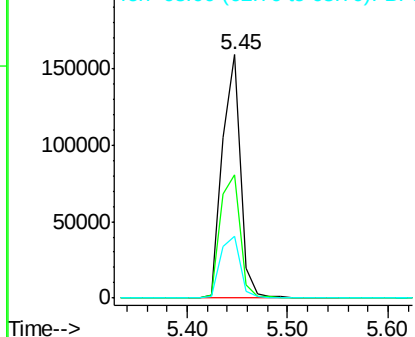
#5

2-Fluorophenol
Concen: 87.65 ng
RT: 5.45 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF077783.D
Acq: 17 Mar 2015 20:43

Tgt Ion:112 Resp: 199752
Ion Ratio Lower Upper
112 100
64 50.4 38.6 57.8
63 25.5 19.3 28.9



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: 58.57 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF077783.D

Acq: 17 Mar 2015 20:43

Instrument :

BNA_F

ClientSampleId :

TW-8

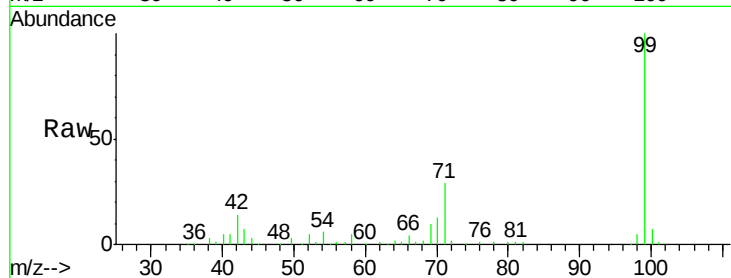
Tgt Ion: 99 Resp: 164905

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.4

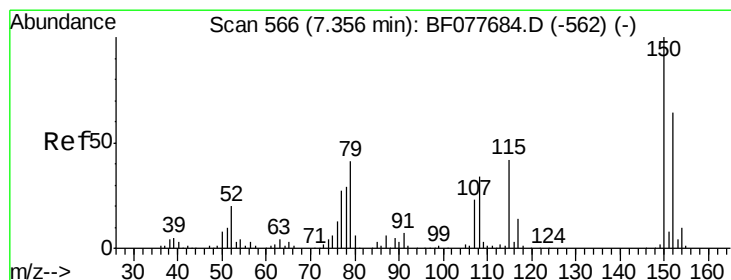
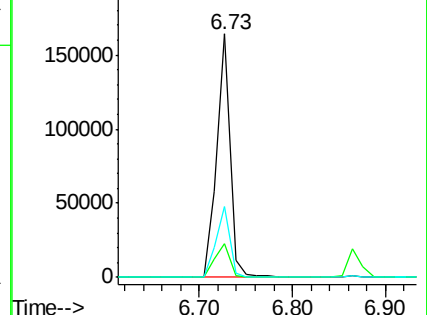
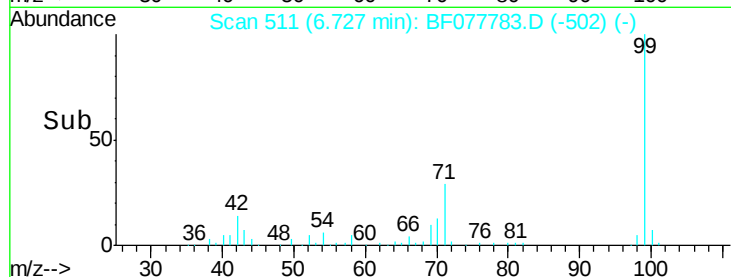
71 29.0 23.4 35.2



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: 2.14 ng

RT: 7.34 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF077783.D

Acq: 17 Mar 2015 20:43

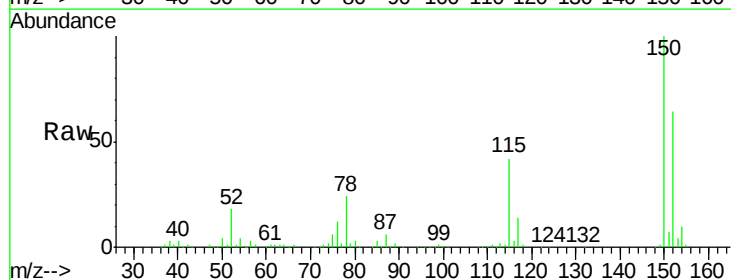
Tgt Ion: 79 Resp: 4706

Ion Ratio Lower Upper

79 100

108 29.3 65.0 97.4#

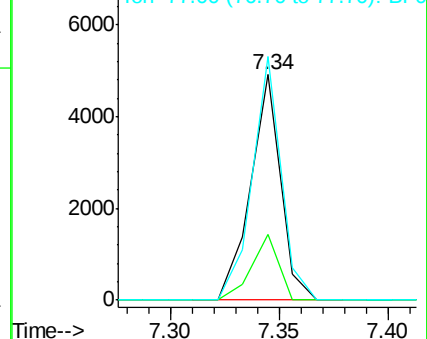
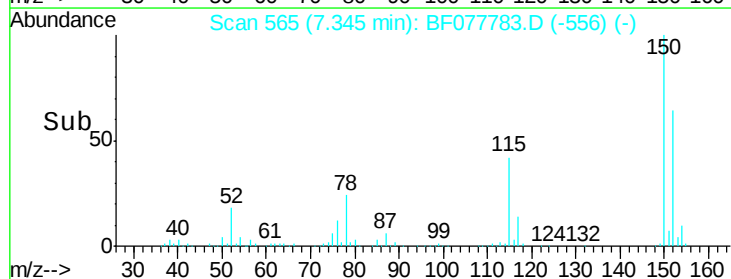
77 107.9 53.0 79.6#

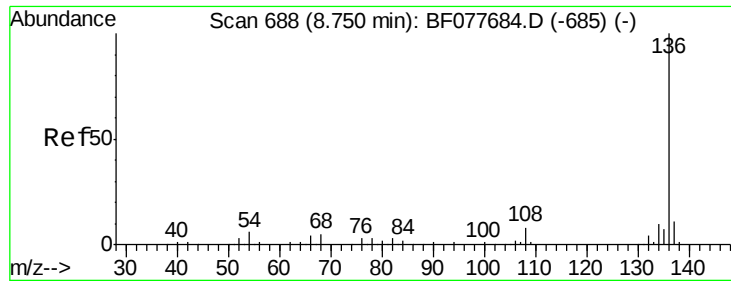


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

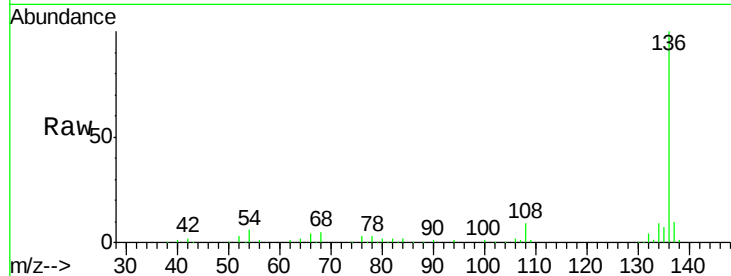




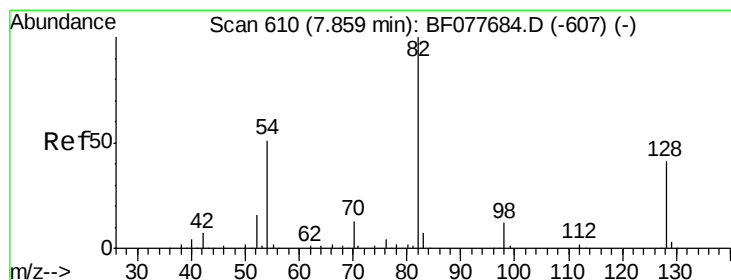
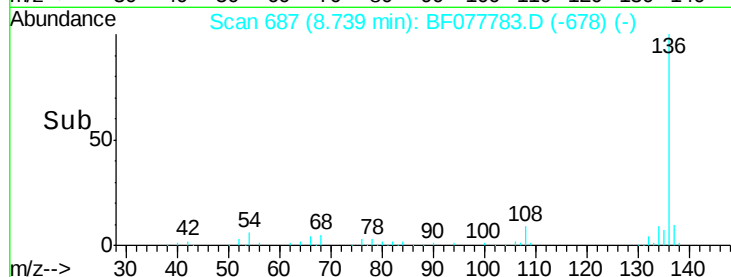
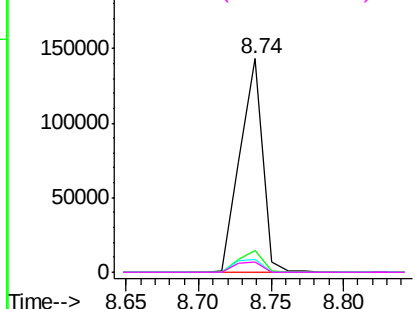
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077783.D
Acq: 17 Mar 2015 20:43

Instrument :
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ClientSampleId :
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Tgt Ion:	136	Resp:	154850
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	6.0	4.6	6.8
68	4.9	3.7	5.5

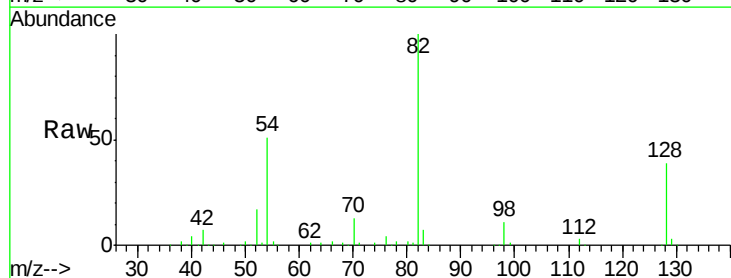


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

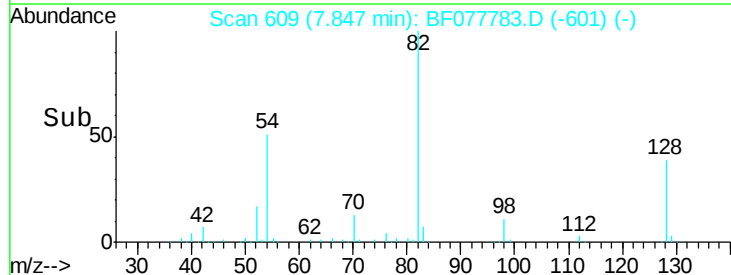
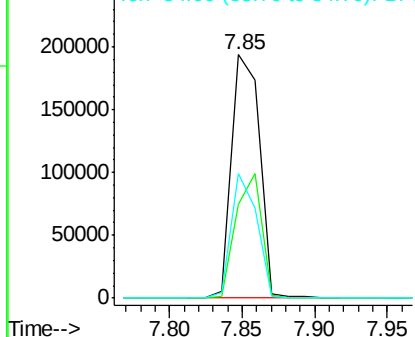


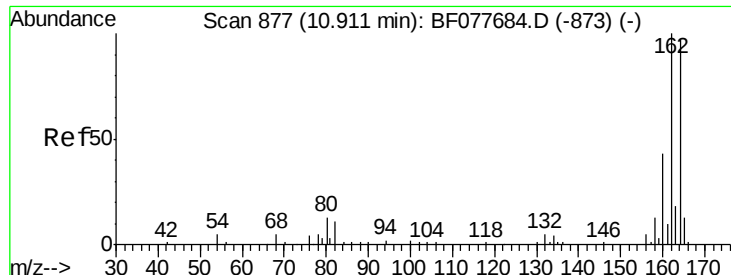
#23
Nitrobenzene-d5
Concen: 110.16 ng
RT: 7.85 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF077783.D
Acq: 17 Mar 2015 20:43

Tgt Ion:	82	Resp:	260223
Ion	Ratio	Lower	Upper
82	100		
128	38.8	32.8	49.2
54	51.3	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

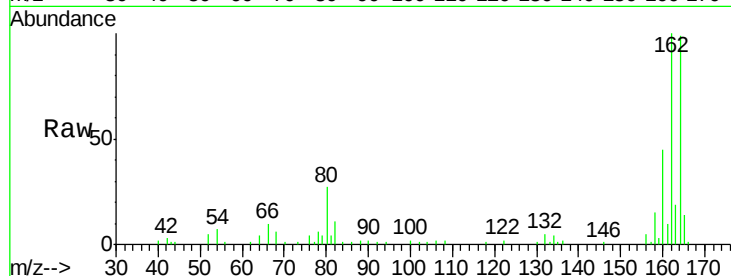




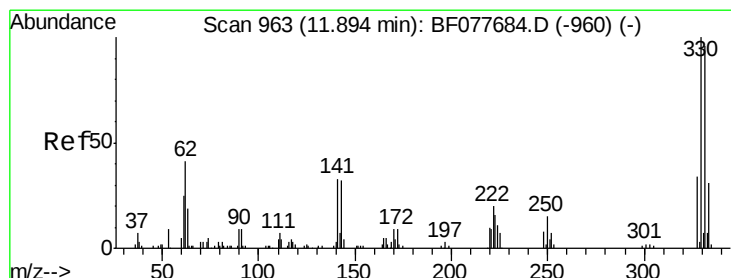
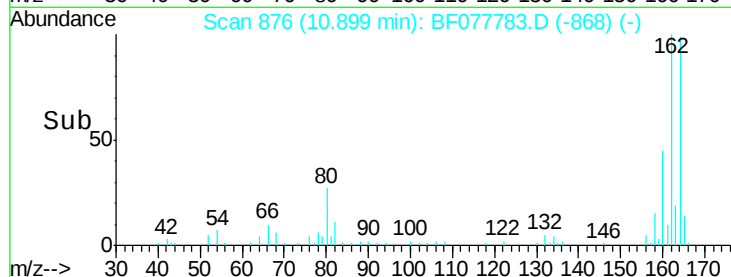
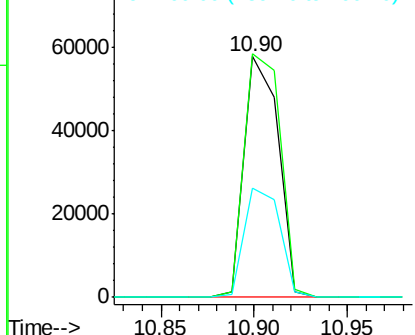
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF077783.D
Acq: 17 Mar 2015 20:43

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:164 Resp: 74648
Ion Ratio Lower Upper
164 100
162 101.0 82.4 123.6
160 45.5 35.8 53.6

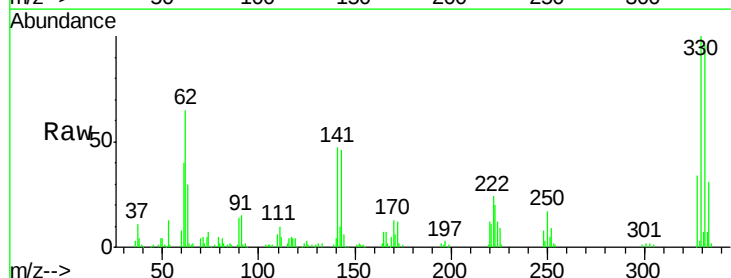


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

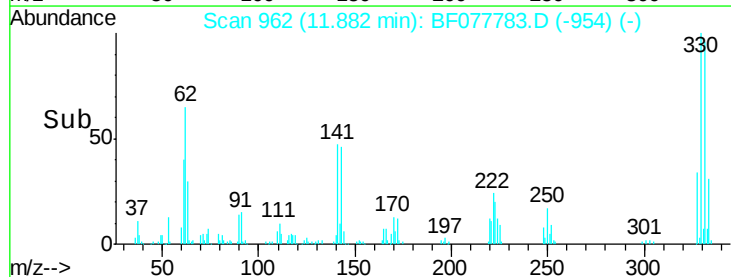
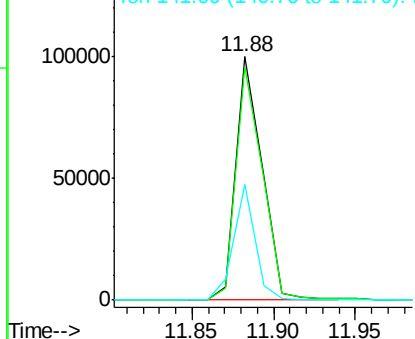


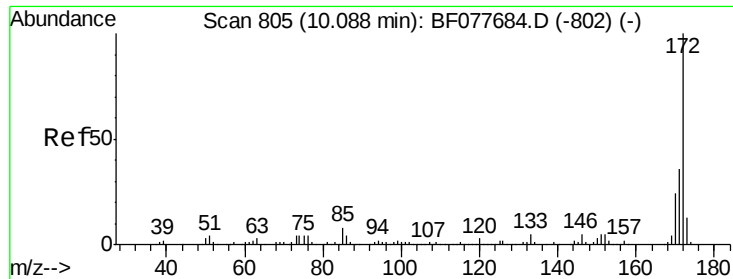
#41
2,4,6-Tribromophenol
Concen: 154.93 ng
RT: 11.88 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF077783.D
Acq: 17 Mar 2015 20:43

Tgt Ion:330 Resp: 110653
Ion Ratio Lower Upper
330 100
332 96.7 0.0 0.0#
141 38.9 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

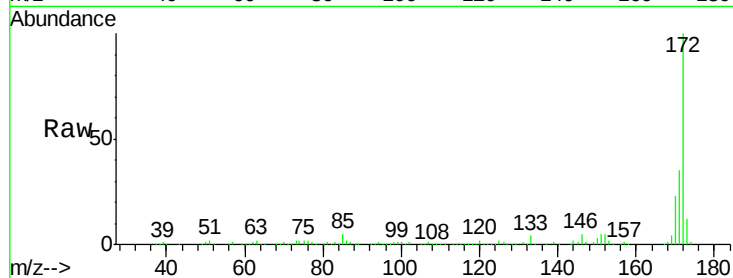




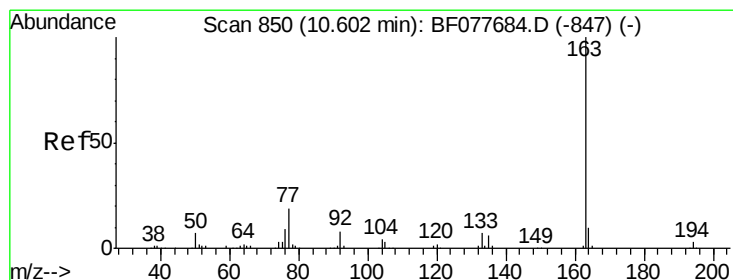
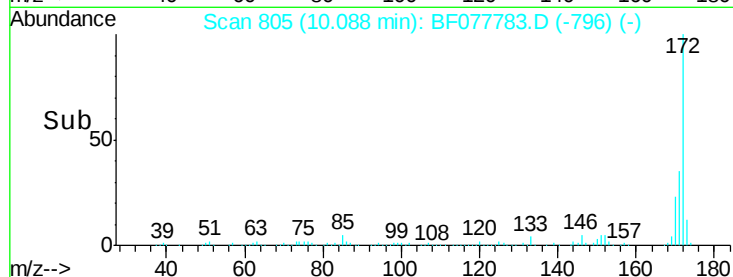
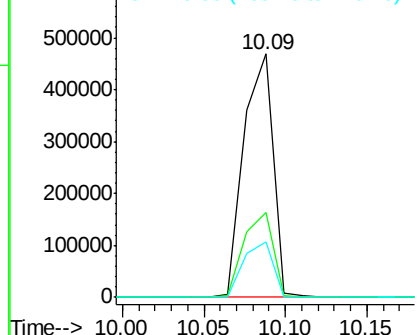
#44
 2-Fluorobiphenyl
 Concen: 114.55 ng
 RT: 10.09 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF077783.D
 Acq: 17 Mar 2015 20:43

Instrument :
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 ClientSampleId :
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Tgt Ion:172 Resp: 581873
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 23.0 18.8 28.2

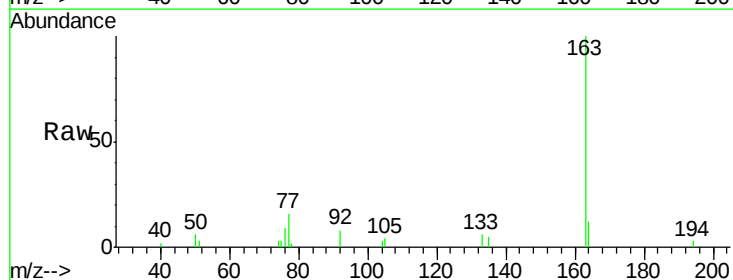


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

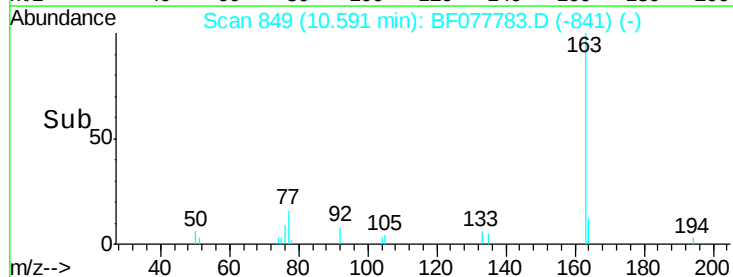
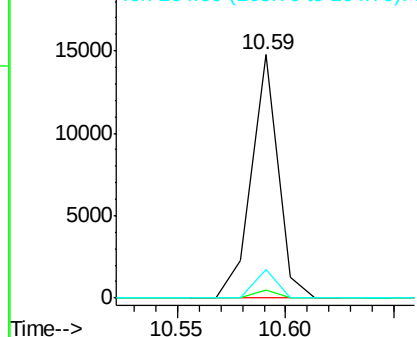


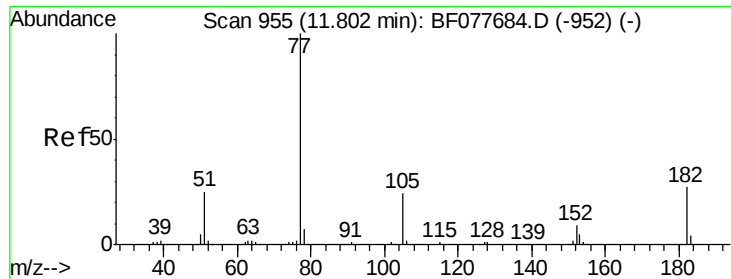
#49
 Dimethylphthalate
 Concen: 2.27 ng
 RT: 10.59 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF077783.D
 Acq: 17 Mar 2015 20:43

Tgt Ion:163 Resp: 12555
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.7 4.1
 164 11.8 8.2 12.2



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





#62

Azobenzene

Concen: 2.86 ng

RT: 11.80 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF077783.D

Acq: 17 Mar 2015 20:43

Instrument :

BNA_F

ClientSampleId :

TW-8

Tgt Ion: 77 Resp: 14750

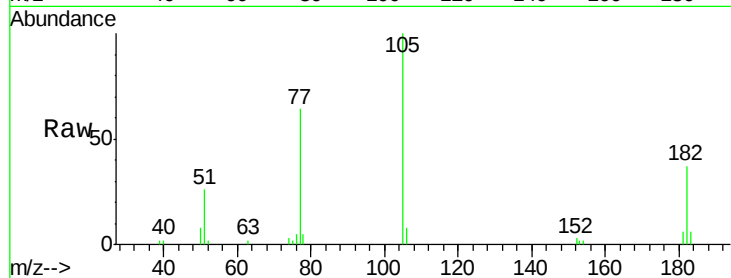
Ion Ratio Lower Upper

77 100

182 57.3 6.5 46.5#

105 156.0 3.8 43.8#

51 40.1 5.5 45.5

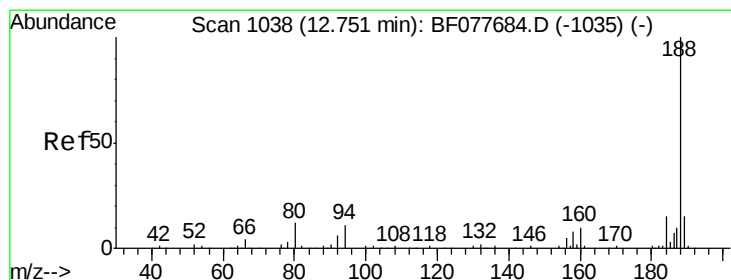
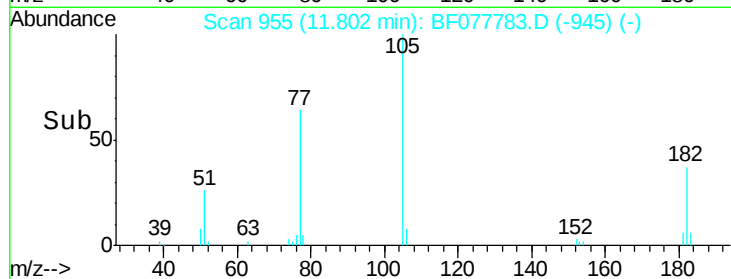
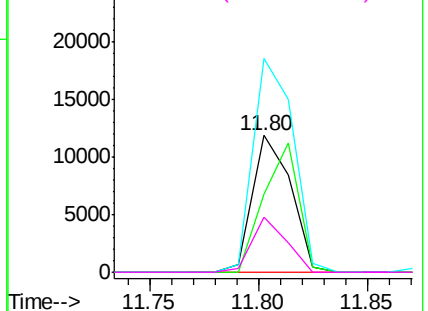


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF077783.D

Acq: 17 Mar 2015 20:43

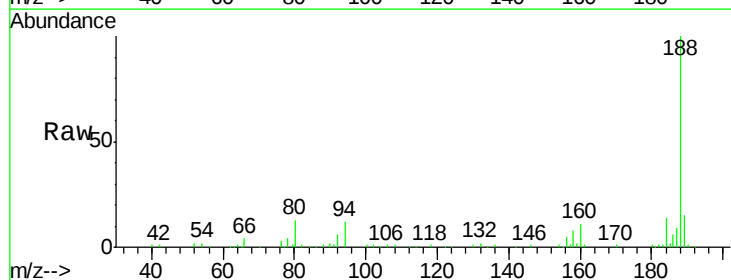
Tgt Ion: 188 Resp: 157517

Ion Ratio Lower Upper

188 100

94 12.0 8.7 13.1

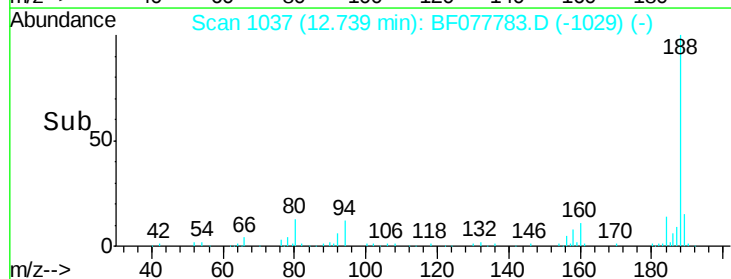
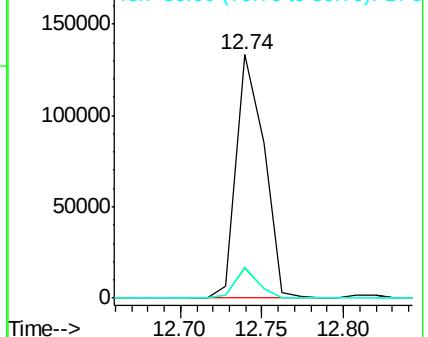
80 12.8 9.3 13.9

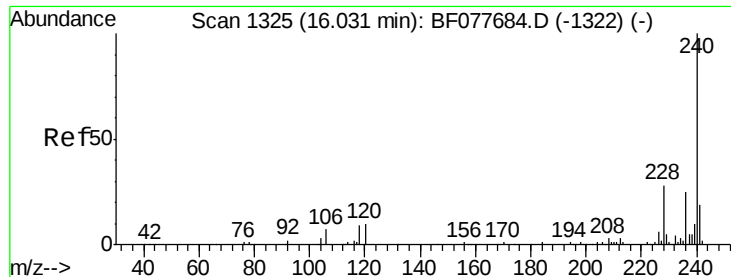


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

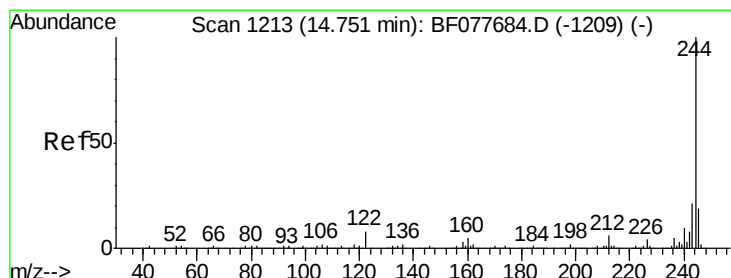
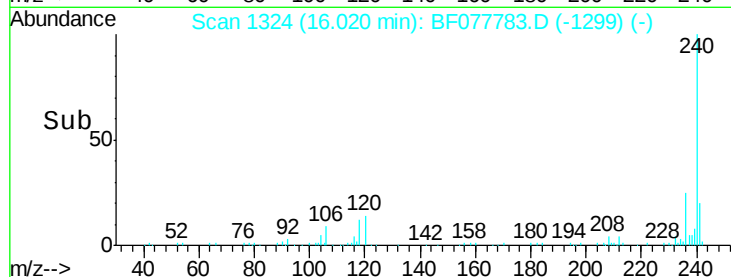
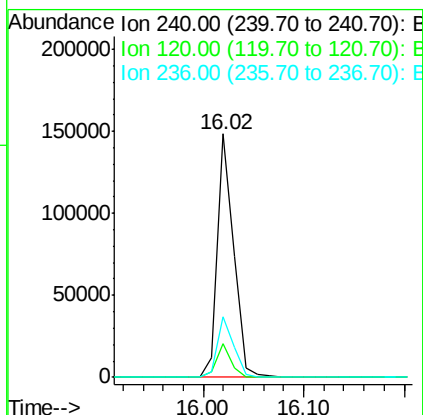
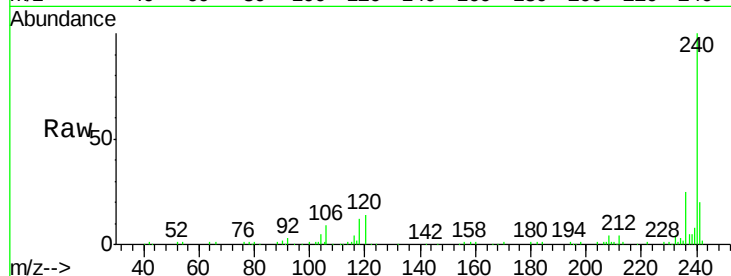




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077783.D
Acq: 17 Mar 2015 20:43

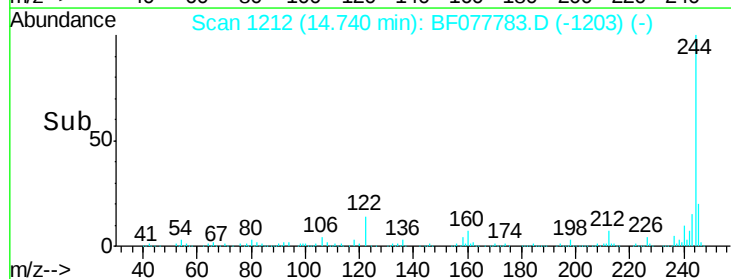
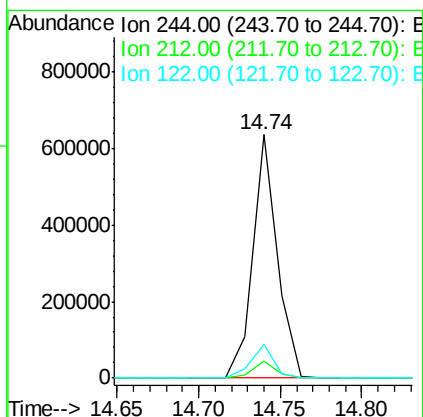
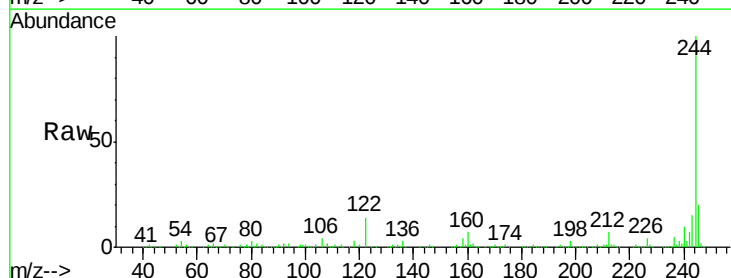
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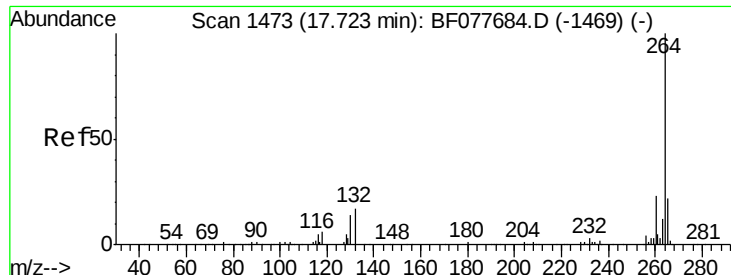
Tgt Ion:240 Resp: 167461
Ion Ratio Lower Upper
240 100
120 13.6 8.2 12.2#
236 24.8 20.0 30.0



#78
Terphenyl-d14
Concen: 96.90 ng
RT: 14.74 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF077783.D
Acq: 17 Mar 2015 20:43

Tgt Ion:244 Resp: 664293
Ion Ratio Lower Upper
244 100
212 6.8 4.9 7.3
122 13.7 6.2 9.4#

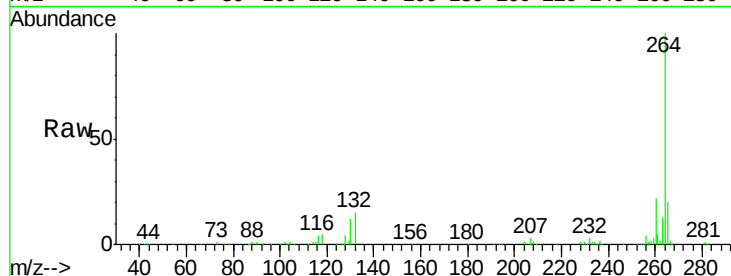




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1472
Delta R.T. -0.03 min
Lab File: BF077783.D
Acq: 17 Mar 2015 20:43

Instrument :
BNA_F
ClientSampleId :
TW-8

Tgt Ion: 264 Resp: 161430
Ion Ratio Lower Upper
264 100
260 22.2 18.6 27.8
265 20.3 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

