

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031015\
 Data File : BF077668.D
 Acq On : 10 Mar 2015 18:37
 Operator : TP/IZ
 Sample : G1466-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-089-3915

Quant Time: Mar 11 00:15:10 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 11 00:54:19 2015
 Response via : Initial Calibration

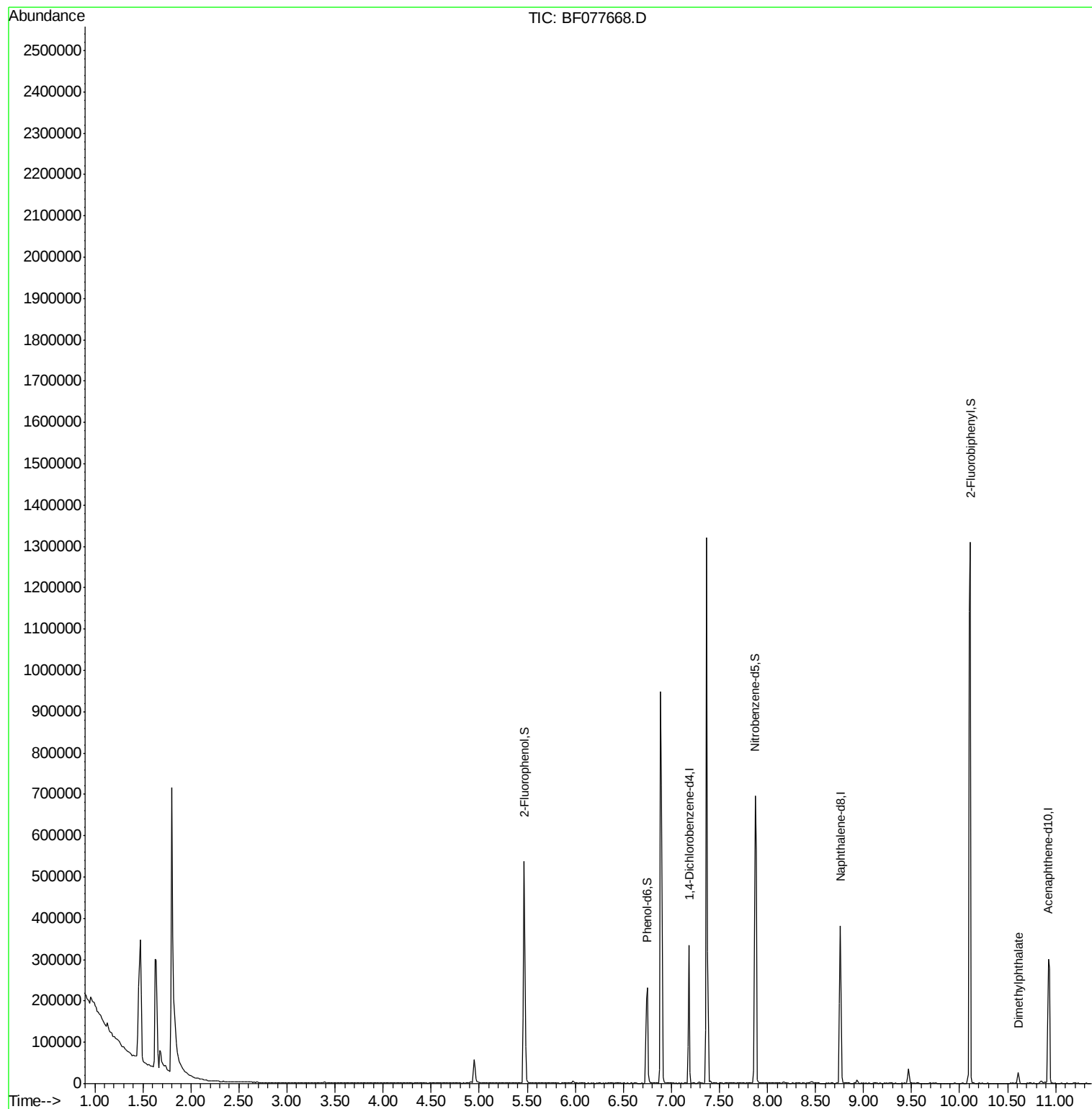
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	53599	20.00	ng	0.00
21) Naphthalene-d8	8.76	136	207048	20.00	ng	0.00
38) Acenaphthene-d10	10.93	164	91967	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	180970	20.00	ng	0.00
75) Chrysene-d12	16.06	240	200076	20.00	ng	-0.03
86) Perylene-d12	17.83	264	196989	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	168129	52.37	ng	0.00
7) Phenol-d6	6.75	99	120654	29.23	ng	0.00
23) Nitrobenzene-d5	7.88	82	312341	93.81	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	132778	149.94	ng	0.00
44) 2-Fluorobiphenyl	10.11	172	620740	105.24	ng	0.00
78) Terphenyl-d14	14.76	244	754893	88.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.61	163	14514	2.25	ng	Qvalue 97
62) Azobenzene	11.83	77	20905	3.46	ng	# 1

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

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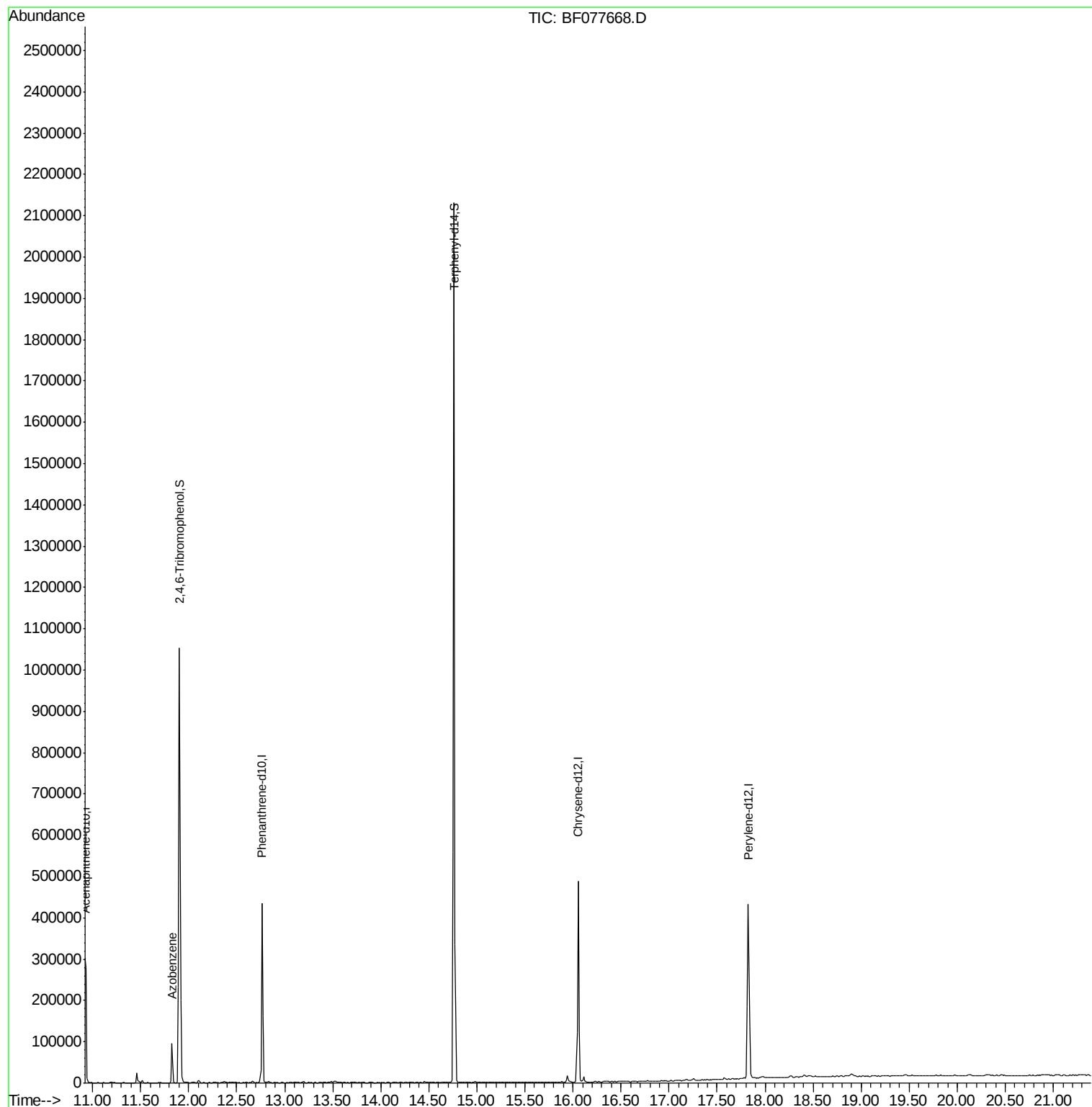
Quant Time: Mar 11 00:15:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
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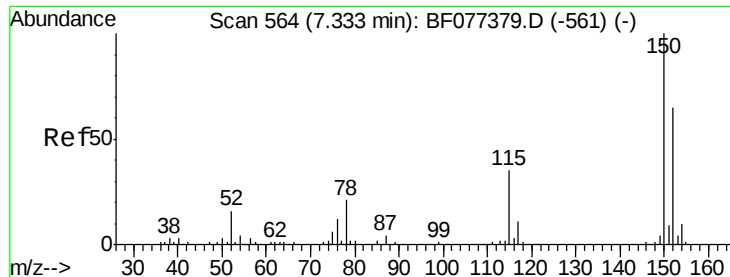


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QLast Update : Wed Mar 11 00:54:19 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF077668.D

Acq: 10 Mar 2015 18:37

Instrument :

BNA_F

ClientSampleId :

DCW-WW-089-3915

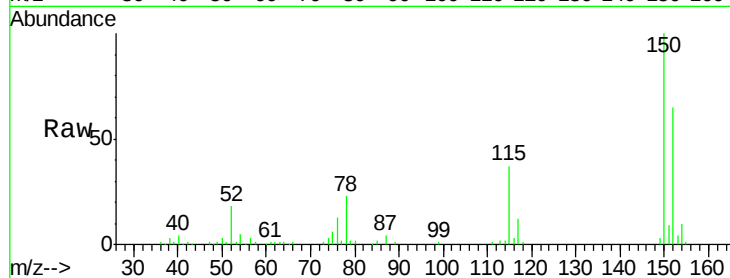
Tgt Ion:152 Resp: 53599

Ion Ratio Lower Upper

152 100

150 153.3 124.0 186.0

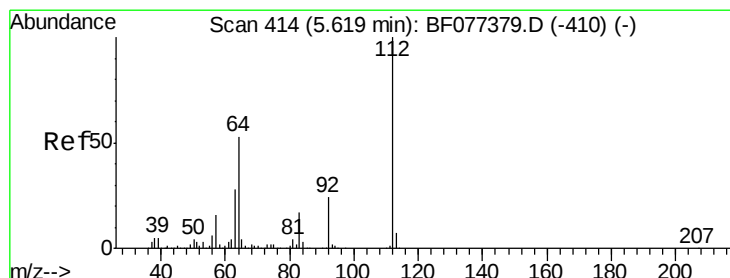
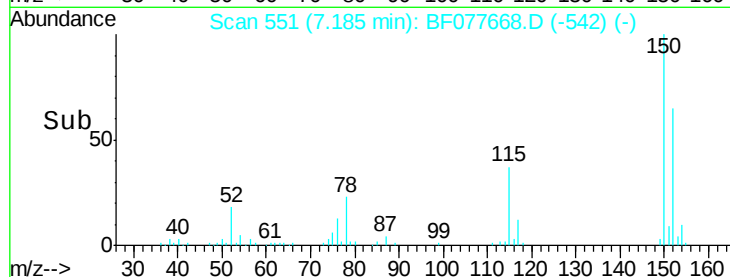
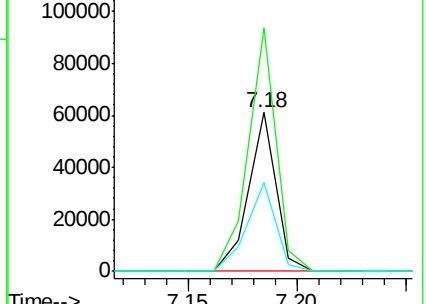
115 56.1 49.4 74.2



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: 52.37 ng

RT: 5.47 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF077668.D

Acq: 10 Mar 2015 18:37

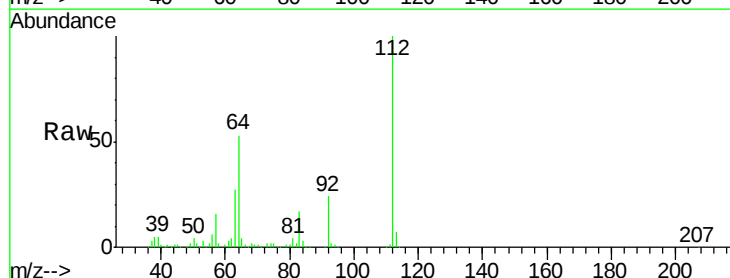
Tgt Ion:112 Resp: 168129

Ion Ratio Lower Upper

112 100

64 52.8 48.5 72.7

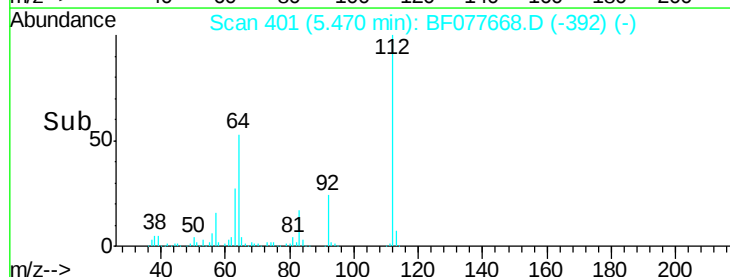
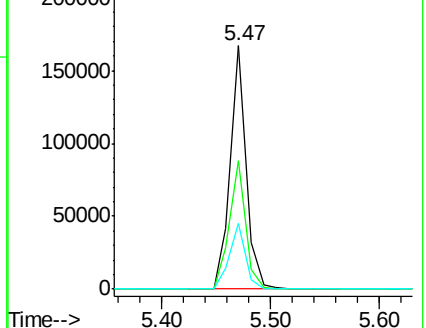
63 26.9 25.0 37.4

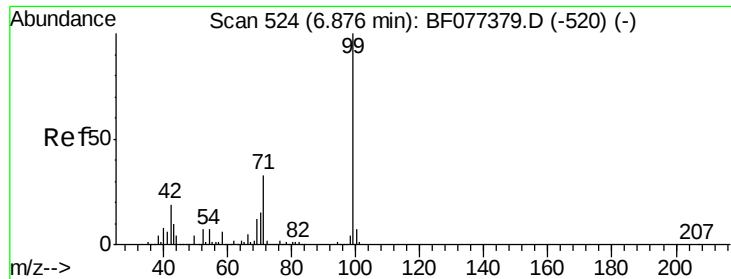


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.23 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF077668.D

Acq: 10 Mar 2015 18:37

Instrument :

BNA_F

ClientSampleId :

DCW-WW-089-3915

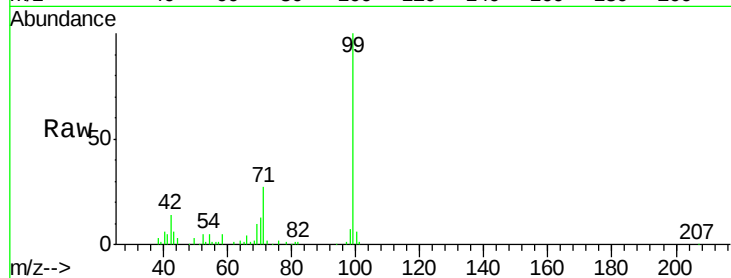
Tgt Ion: 99 Resp: 120654

Ion Ratio Lower Upper

99 100

42 13.6 16.2 24.4#

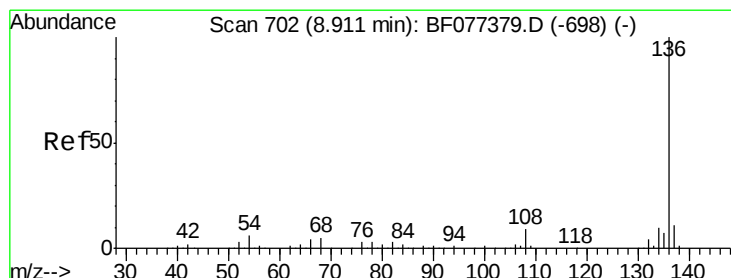
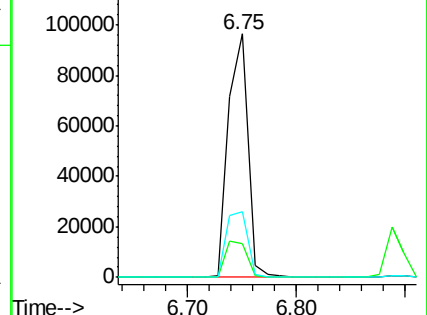
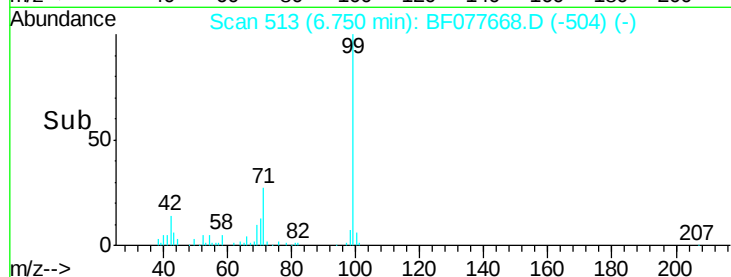
71 26.9 26.7 40.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.76 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF077668.D

Acq: 10 Mar 2015 18:37

Tgt Ion: 136 Resp: 207048

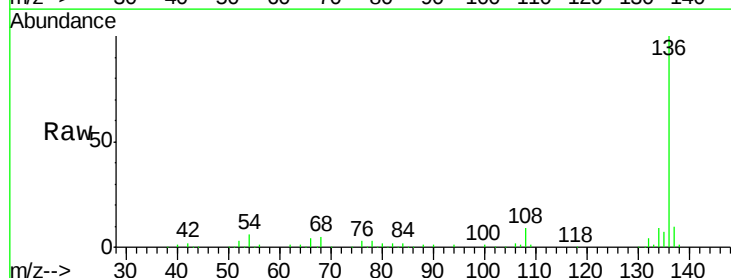
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 5.5 6.2 9.4#

68 4.9 5.0 7.6#

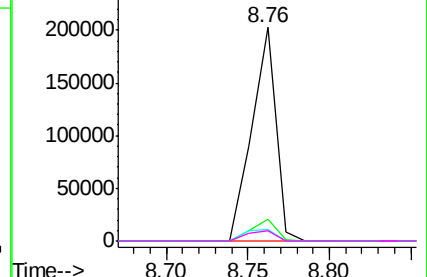
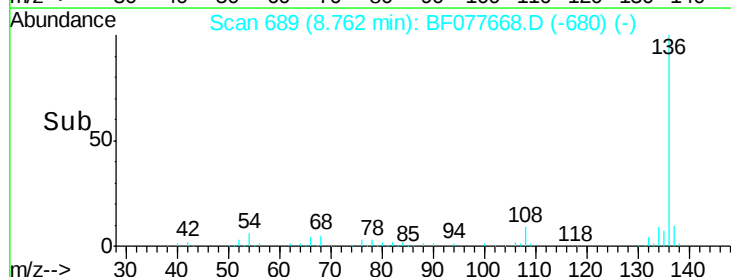


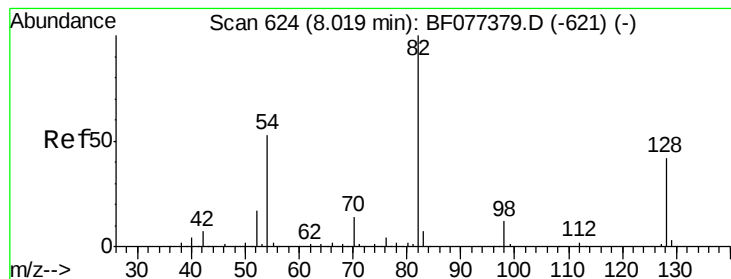
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.81 ng

RT: 7.88 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF077668.D

Acq: 10 Mar 2015 18:37

Instrument :

BNA_F

ClientSampleId :

DCW-WW-089-3915

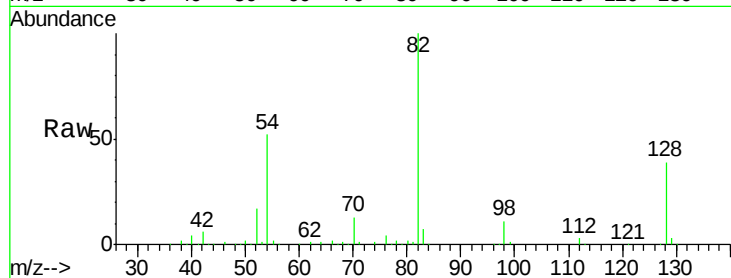
Tgt Ion: 82 Resp: 312341

Ion Ratio Lower Upper

82 100

128 39.1 43.8 65.8#

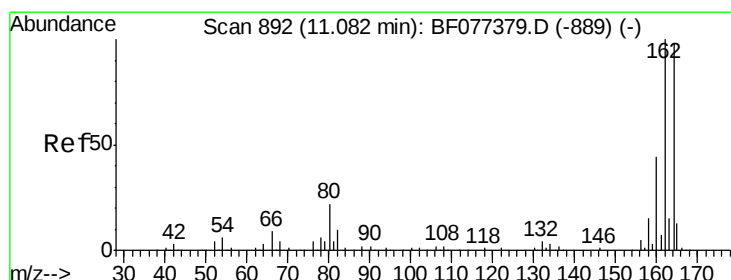
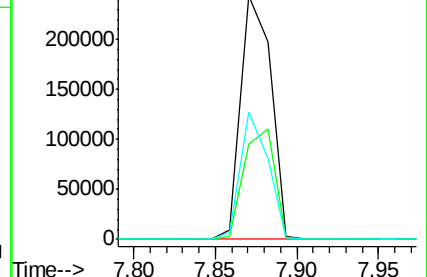
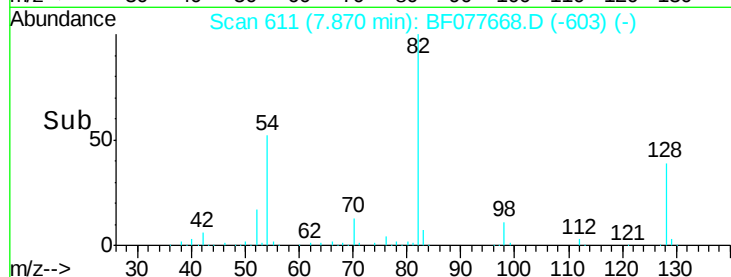
54 52.2 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF077379.D (-621) (-)

Ion 128.00 (127.70 to 128.70): BF077379.D (-621) (-)

Ion 54.00 (53.70 to 54.70): BF077379.D (-621) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.93 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF077668.D

Acq: 10 Mar 2015 18:37

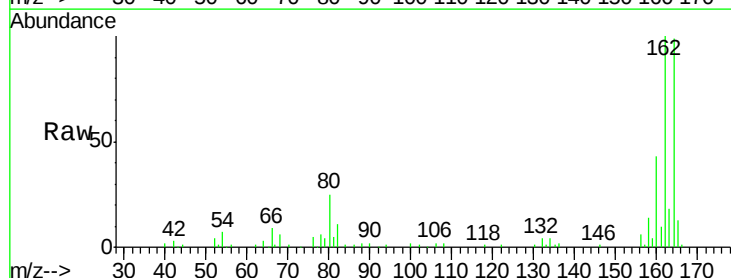
Tgt Ion: 164 Resp: 91967

Ion Ratio Lower Upper

164 100

162 100.8 83.2 124.8

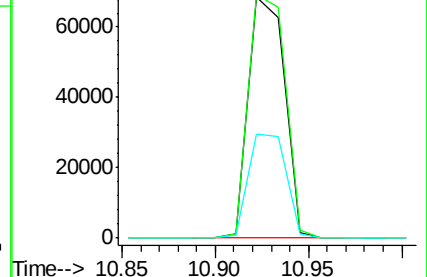
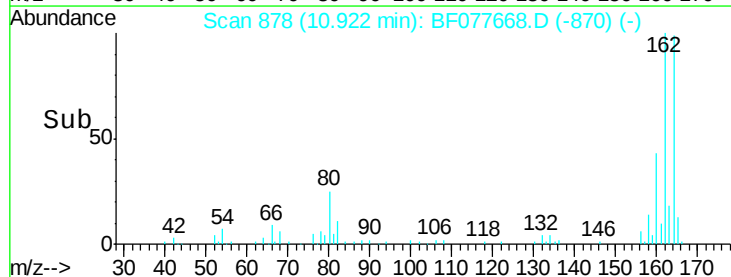
160 43.2 34.6 52.0

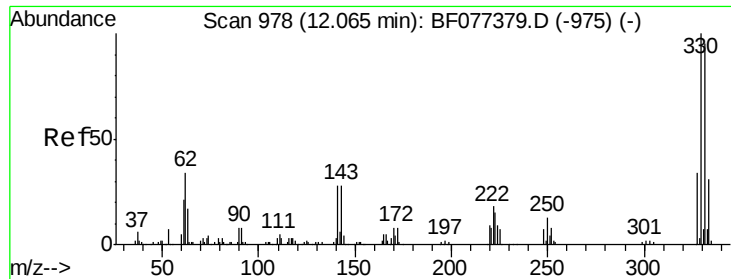


Abundance Ion 164.00 (163.70 to 164.70): BF077379.D (-889) (-)

Ion 162.00 (161.70 to 162.70): BF077379.D (-889) (-)

Ion 160.00 (159.70 to 160.70): BF077379.D (-889) (-)

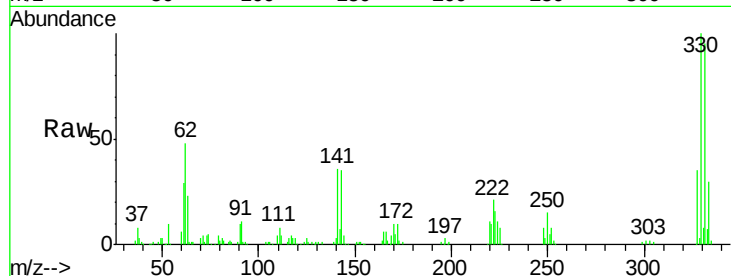




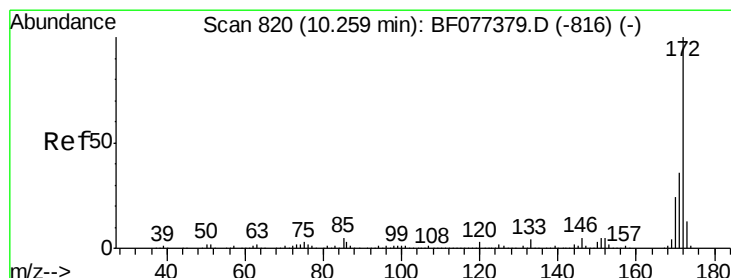
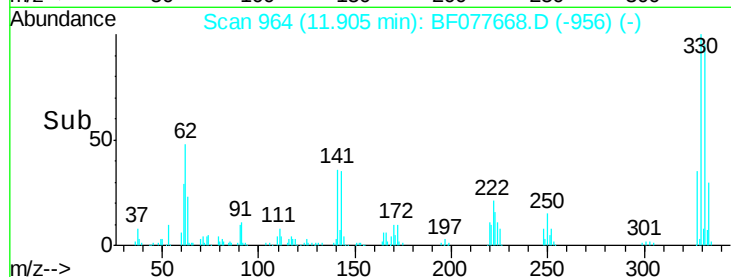
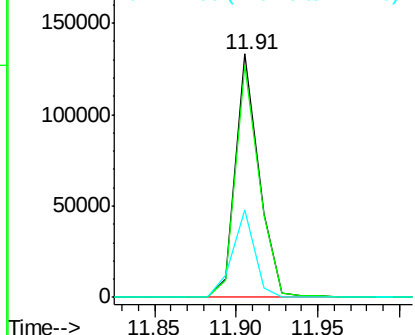
#41
 2,4,6-Tribromophenol
 Concen: 149.94 ng
 RT: 11.91 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF077668.D
 Acq: 10 Mar 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-089-3915

Tgt Ion:330 Resp: 132778
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 33.9 28.8 43.2

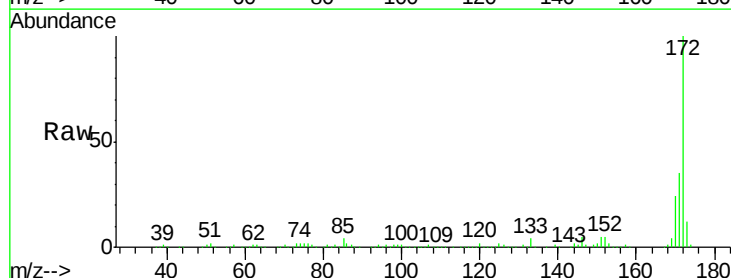


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

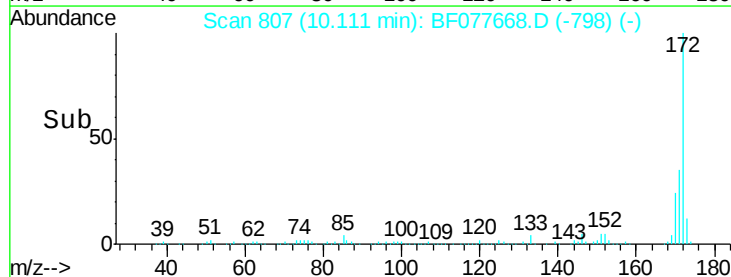
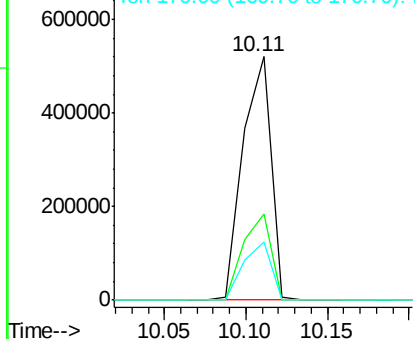


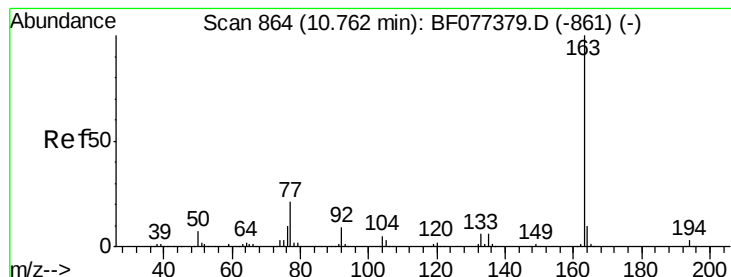
#44
 2-Fluorobiphenyl
 Concen: 105.24 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077668.D
 Acq: 10 Mar 2015 18:37

Tgt Ion:172 Resp: 620740
 Ion Ratio Lower Upper
 172 100
 171 35.2 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: 2.25 ng

RT: 10.61 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF077668.D

Acq: 10 Mar 2015 18:37

Instrument :

BNA_F

ClientSampleId :

DCW-WW-089-3915

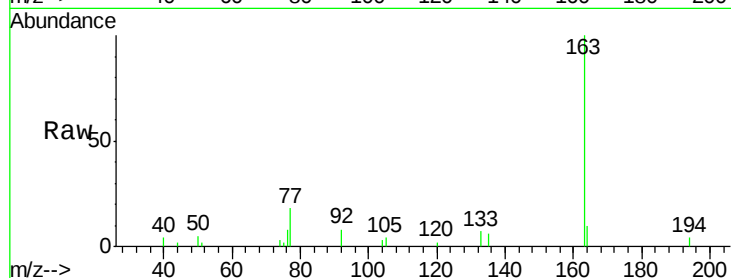
Tgt Ion:163 Resp: 14514

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

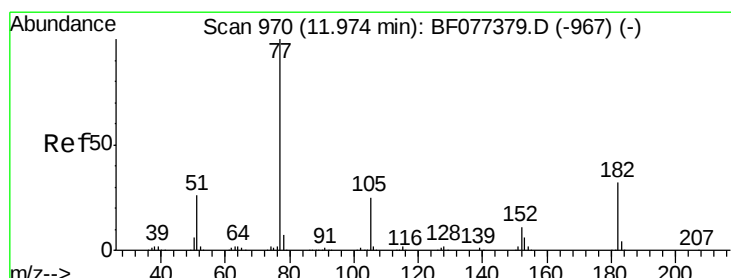
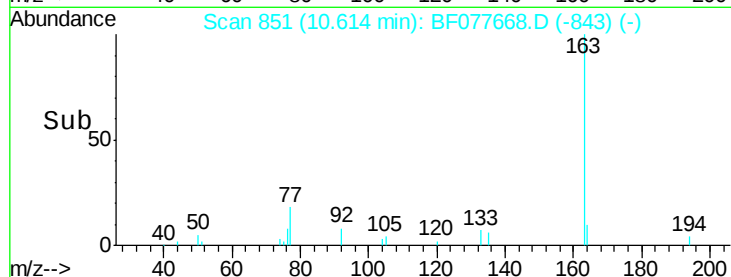
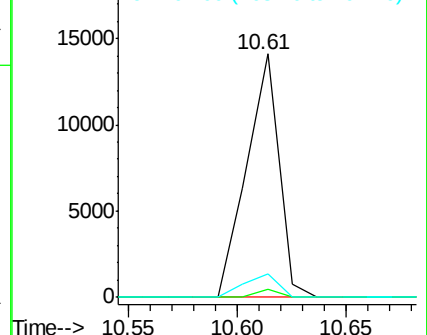
164 9.6 8.6 13.0



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



#62

Azobenzene

Concen: 3.46 ng

RT: 11.83 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF077668.D

Acq: 10 Mar 2015 18:37

Tgt Ion: 77 Resp: 20905

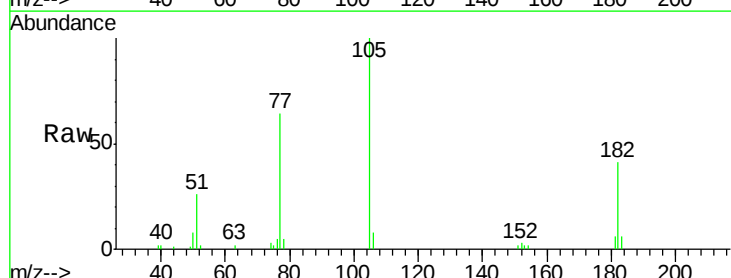
Ion Ratio Lower Upper

77 100

182 64.9 4.9 44.9#

105 157.3 3.3 43.3#

51 40.5 8.9 48.9

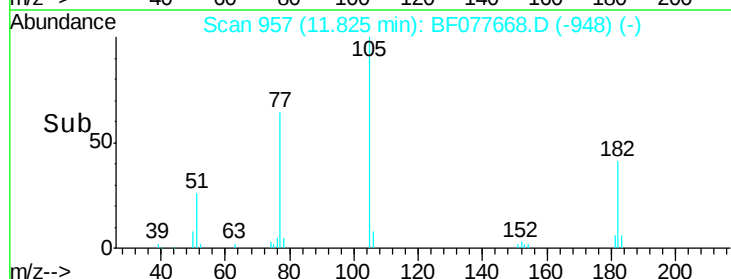
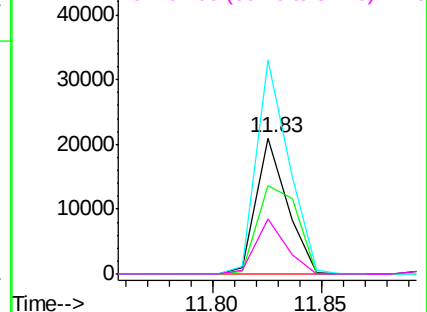


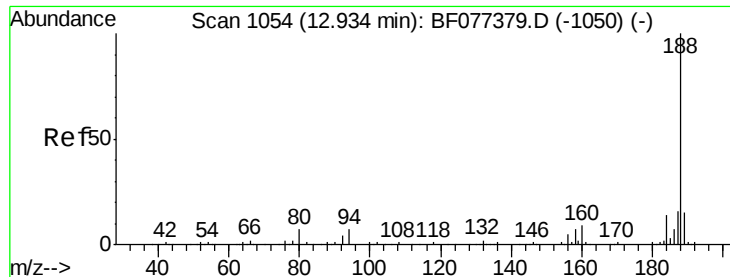
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

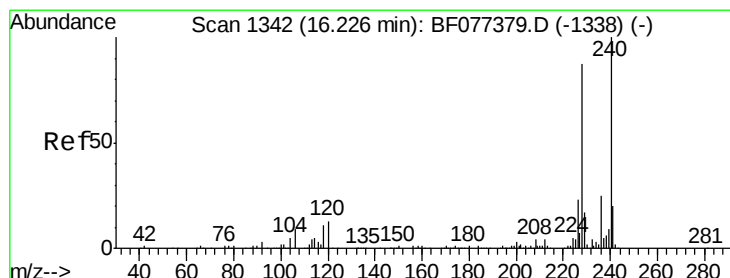
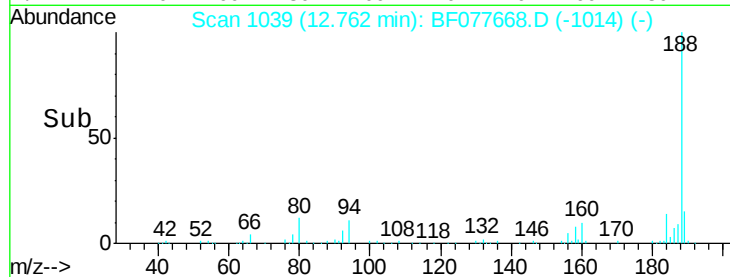
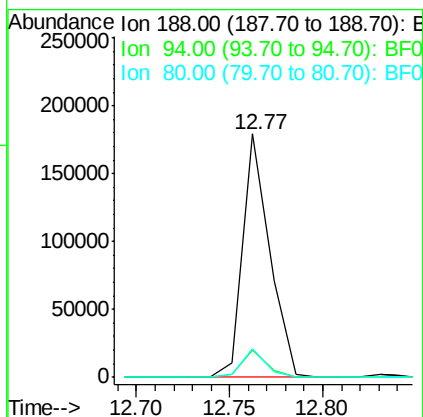
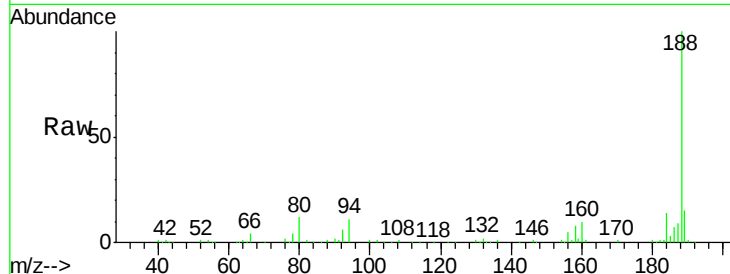




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF077668.D
Acq: 10 Mar 2015 18:37

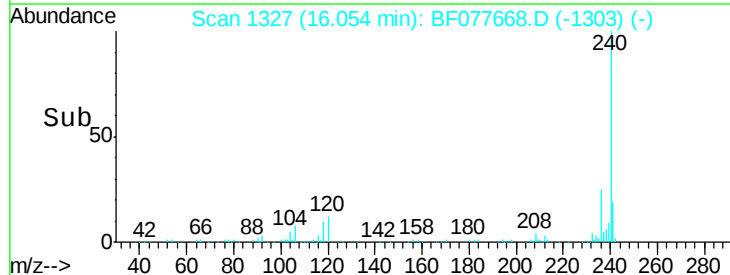
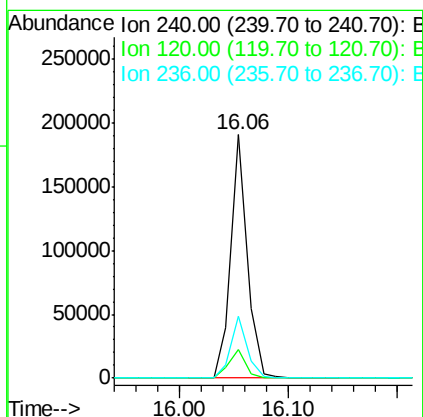
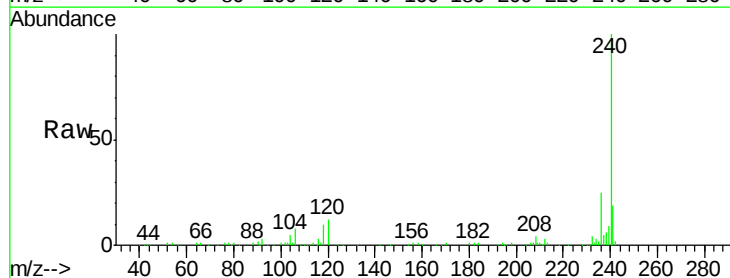
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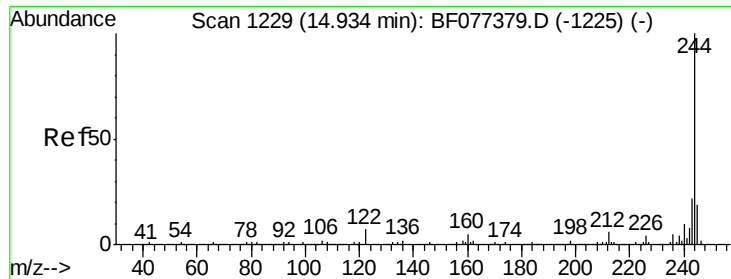
Tgt Ion:188 Resp: 180970
Ion Ratio Lower Upper
188 100
94 11.1 7.4 11.2
80 11.8 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BF077668.D
Acq: 10 Mar 2015 18:37

Tgt Ion:240 Resp: 200076
Ion Ratio Lower Upper
240 100
120 11.9 8.8 13.2
236 25.2 20.7 31.1

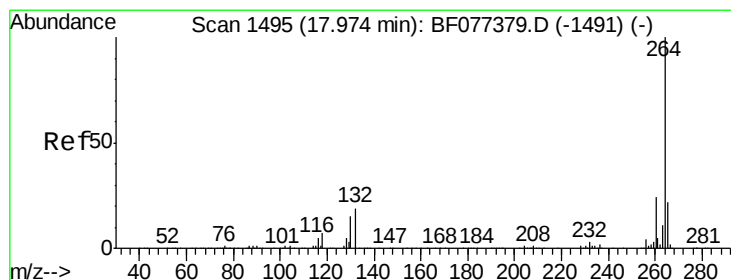
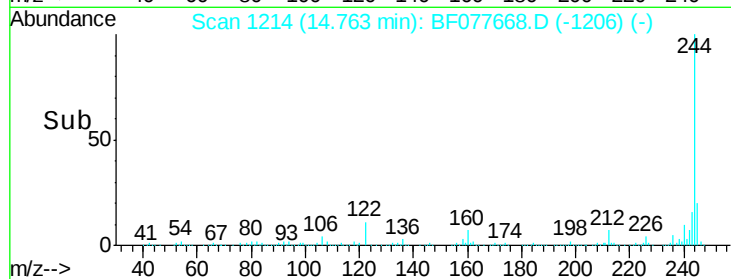
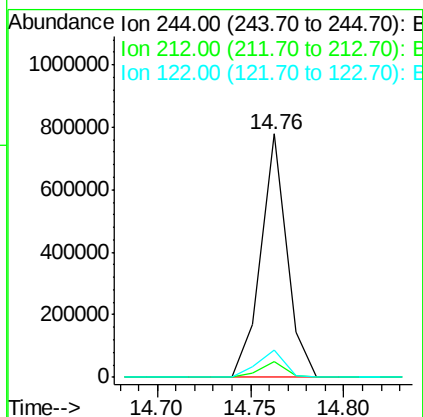
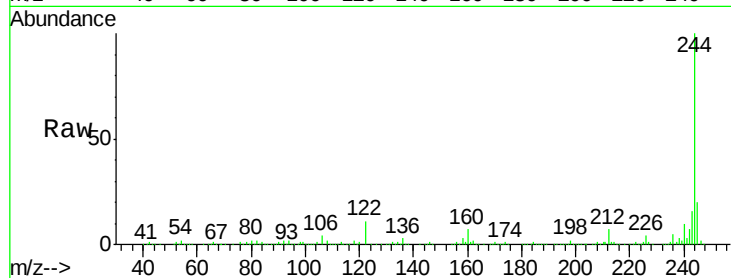




#78
 Terphenyl-d14
 Concen: 88.21 ng
 RT: 14.76 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF077668.D
 Acq: 10 Mar 2015 18:37

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-089-3915

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.2	7.8
122	11.4	7.8	11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.83 min Scan# 1482
 Delta R.T. -0.08 min
 Lab File: BF077668.D
 Acq: 10 Mar 2015 18:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.3	28.9
265	20.4	16.8	25.2

