

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021315\
 Data File : BF077309.D
 Acq On : 13 Feb 2015 15:42
 Operator : TP/IZ
 Sample : G1269-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

Quant Time: Feb 13 23:44:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 13:10:36 2015
 Response via : Initial Calibration

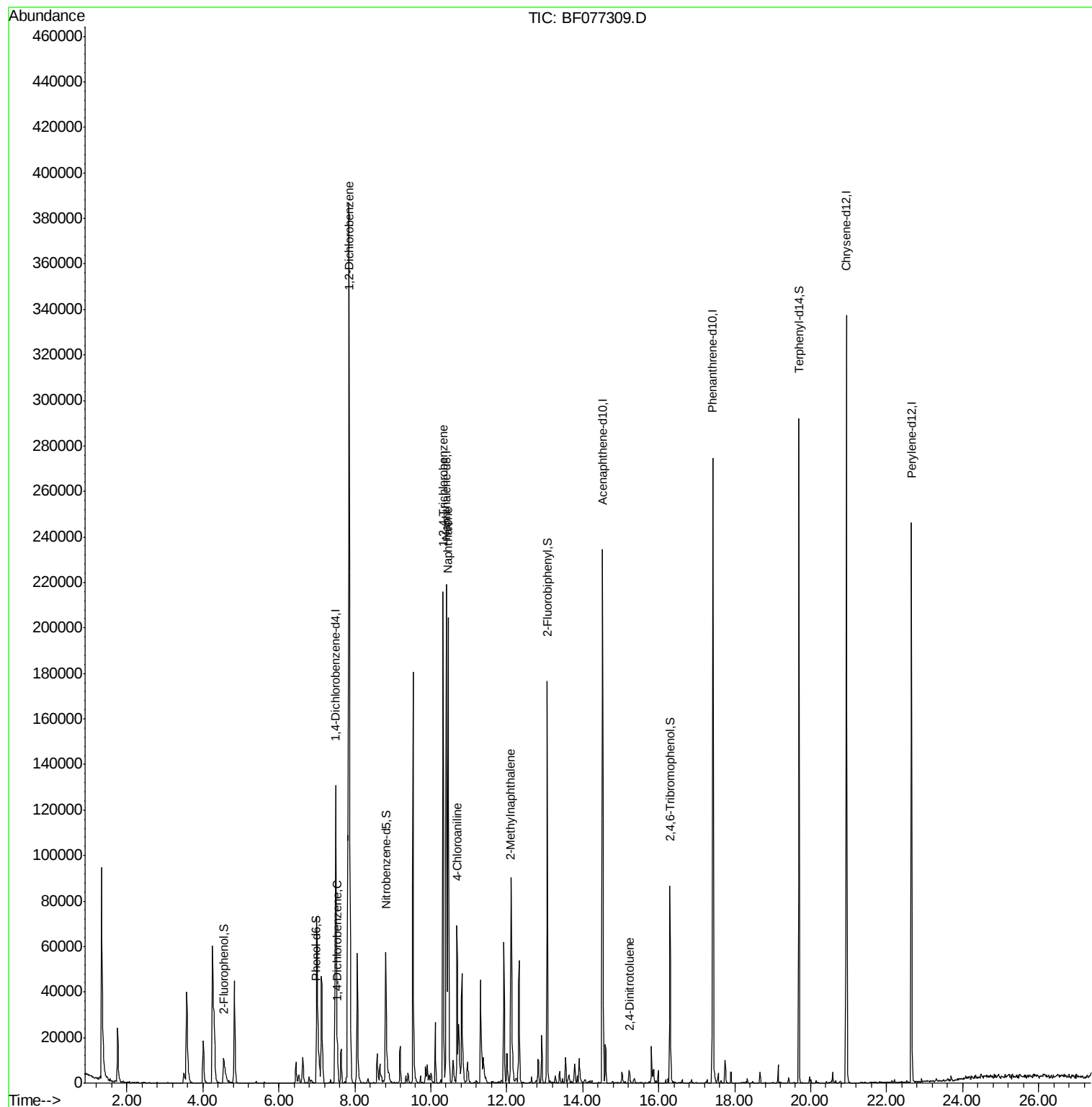
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	37764	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	175144	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	88537	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	165467	20.00	ng	-0.01
75) Chrysene-d12	20.95	240	153052	20.00	ng	-0.01
86) Perylene-d12	22.65	264	134645	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.54	112	15512	7.68	ng	0.06
7) Phenol-d6	6.99	99	14136	4.73	ng	0.06
23) Nitrobenzene-d5	8.82	82	43254m	14.11	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	15344	21.25	ng	-0.01
44) 2-Fluorobiphenyl	13.06	172	99264	16.87	ng	-0.01
78) Terphenyl-d14	19.69	244	106332	15.61	ng	-0.01
Target Compounds						
13) 1,4-Dichlorobenzene	7.54	146	8118	2.60	ng	Qvalue # 90
14) 1,2-Dichlorobenzene	7.85	146	158338	53.50	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	66731	26.00	ng	100
31) Naphthalene	10.45	128	160124	18.52	ng	100
33) 4-Chloroaniline	10.68	127	56845m	16.30	ng	
37) 2-Methylnaphthalene	12.11	142	33859	5.22	ng	99
56) 2,4-Dinitrotoluene	15.23	165	3783m	2.45	ng	

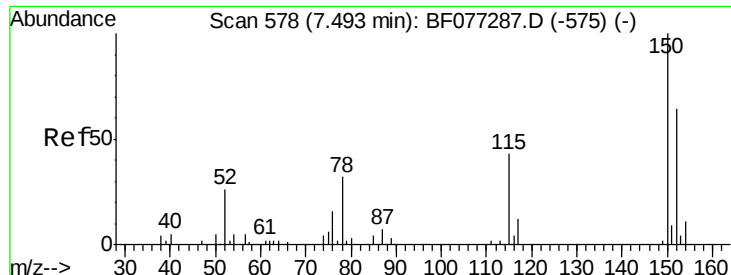
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 13 13:10:36 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF077309.D

Acq: 13 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL

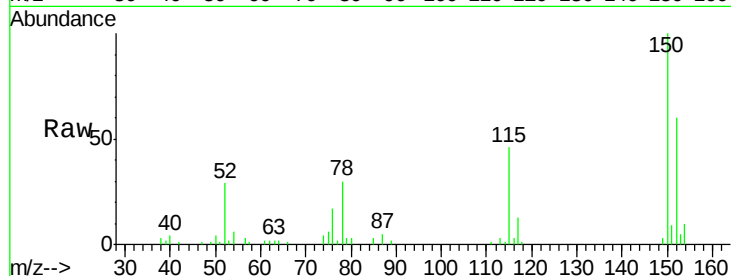
Tot Ion:152 Resp: 37764

Ion Ratio Lower Upper

152 100

150 165.8 124.9 187.3

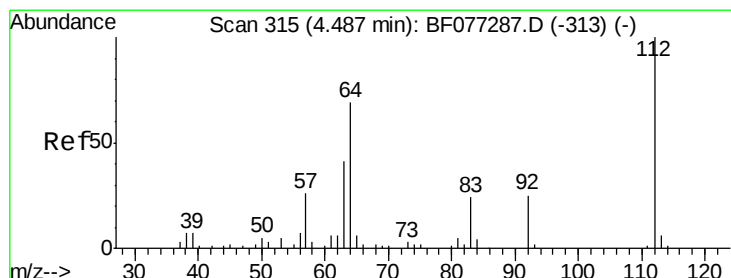
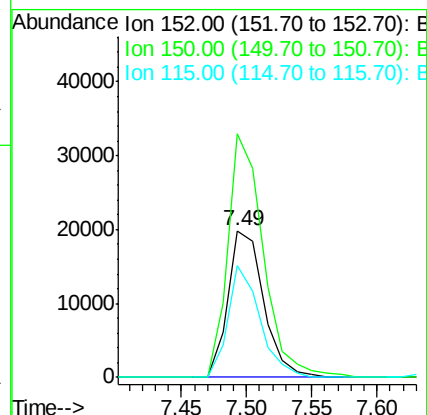
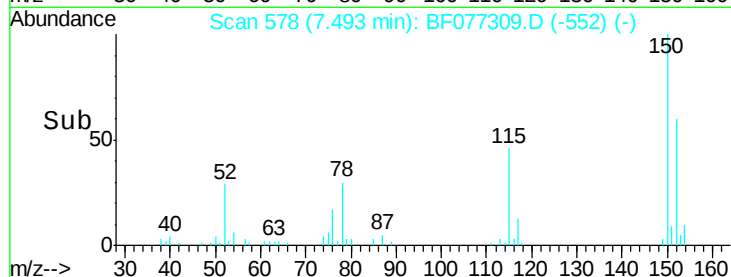
115 75.8 54.1 81.1



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: 7.68 ng

RT: 4.54 min Scan# 320

Delta R.T. 0.06 min

Lab File: BF077309.D

Acq: 13 Feb 2015 15:42

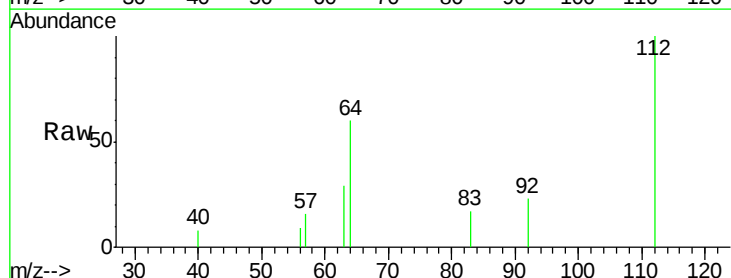
Tgt Ion:112 Resp: 15512

Ion Ratio Lower Upper

112 100

64 59.6 55.0 82.4

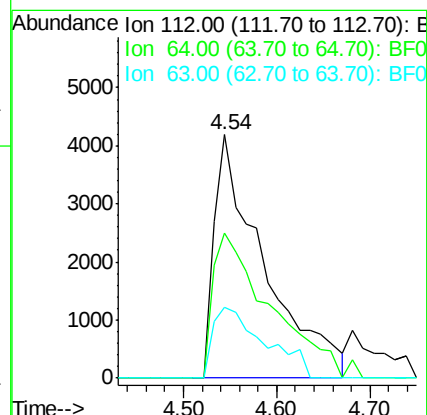
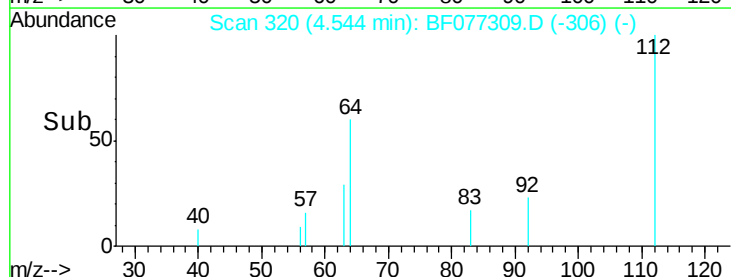
63 28.8 33.0 49.6#

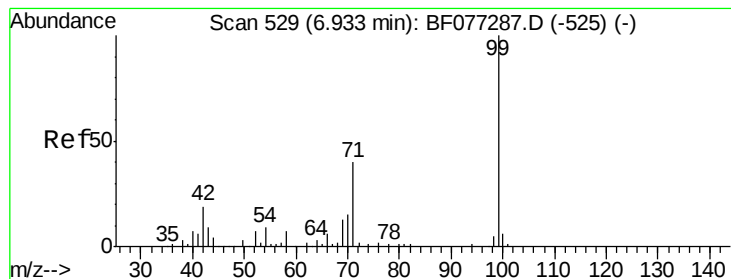


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 4.73 ng

RT: 6.99 min Scan# 534

Delta R.T. 0.06 min

Lab File: BF077309.D

Acq: 13 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL

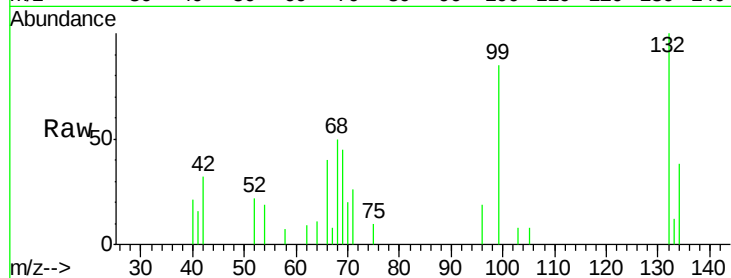
Tot Ion: 99 Resp: 14136

Ion Ratio Lower Upper

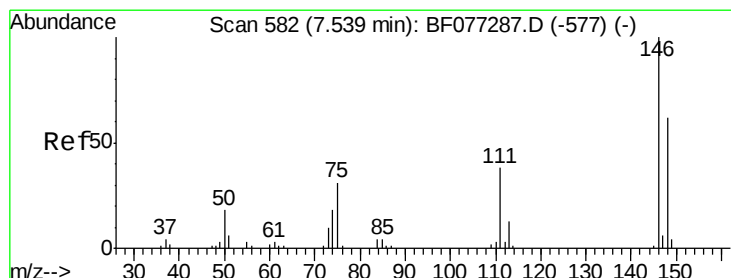
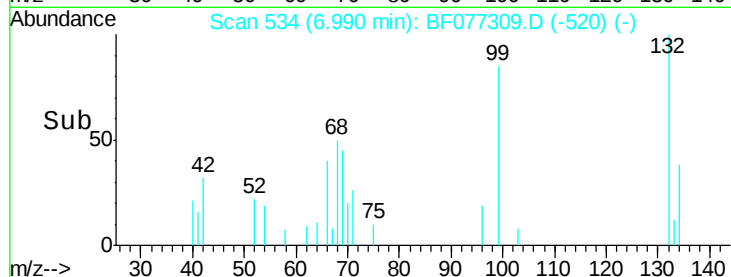
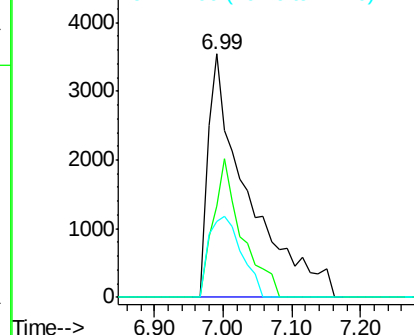
99 100

42 37.3 15.0 22.4#

71 31.3 31.8 47.6#



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



#13

1,4-Dichlorobenzene

Concen: 2.60 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF077309.D

Acq: 13 Feb 2015 15:42

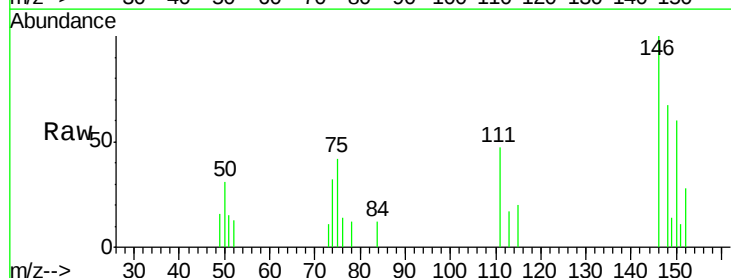
Tgt Ion: 146 Resp: 8118

Ion Ratio Lower Upper

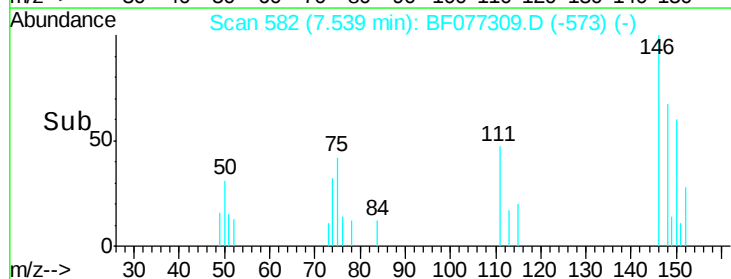
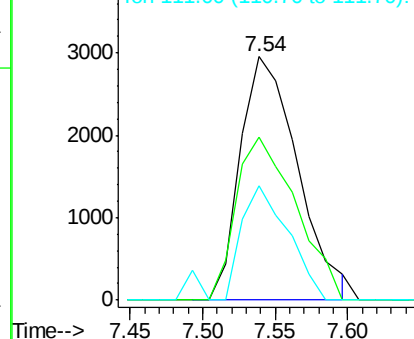
146 100

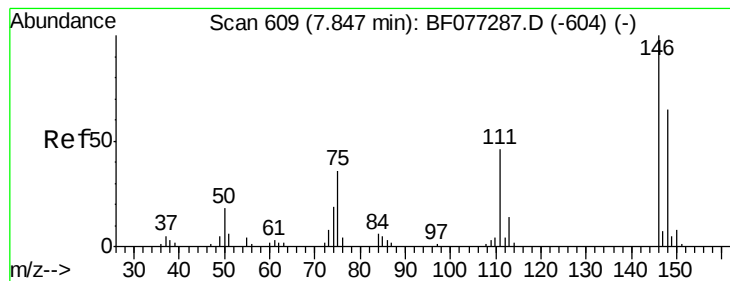
148 67.2 49.8 74.6

111 46.8 30.2 45.2#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 53.50 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF077309.D

Acq: 13 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL

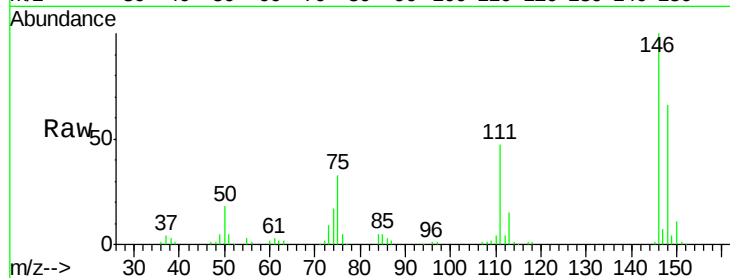
Tot Ion:146 Resp: 158338

Ion Ratio Lower Upper

146 100

148 65.7 52.0 78.0

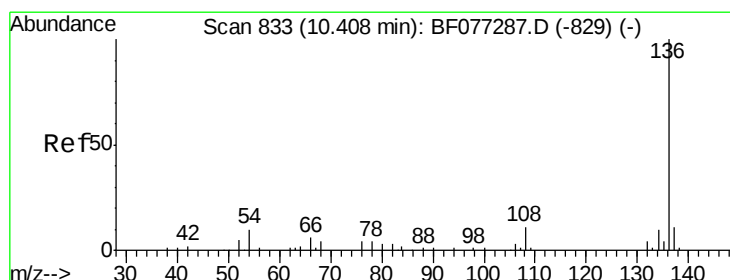
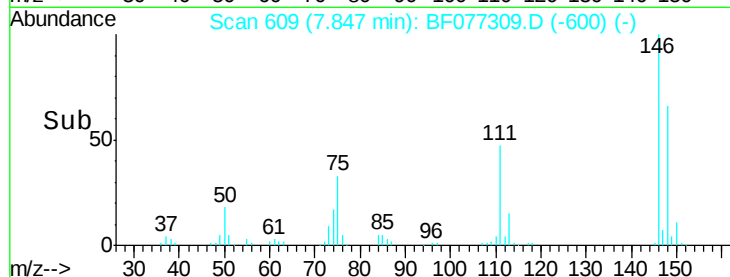
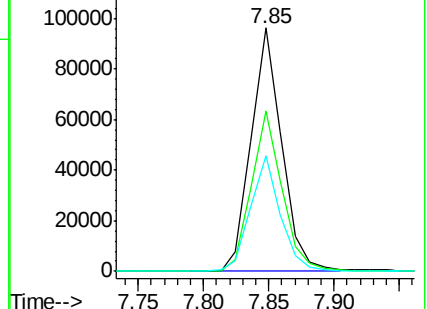
111 47.4 37.0 55.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.41 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF077309.D

Acq: 13 Feb 2015 15:42

Tgt Ion:136 Resp: 175144

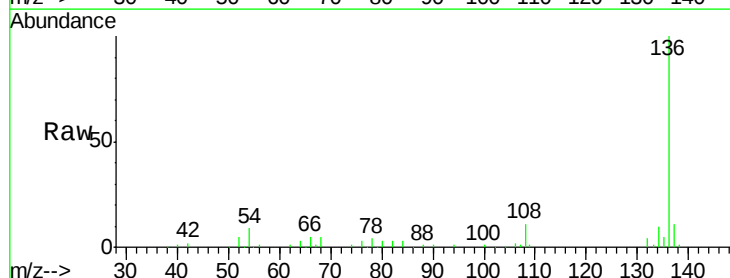
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.7 8.2 12.2

68 4.6 3.1 4.7

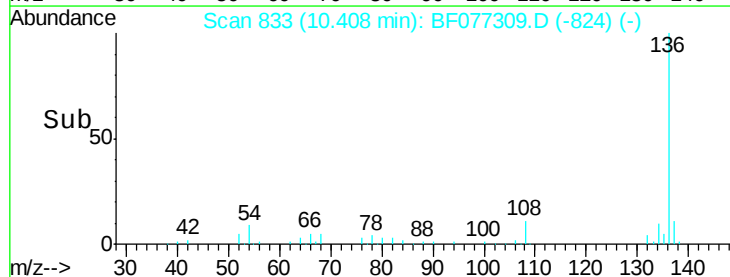
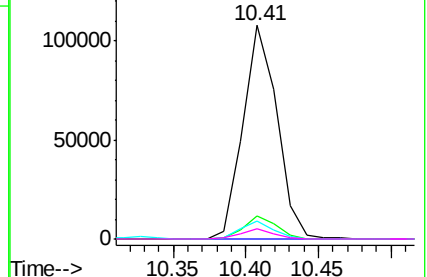


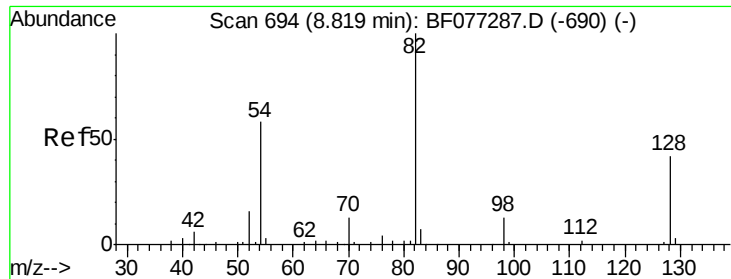
Abundance Ion 136.00 (135.70 to 136.70): E

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

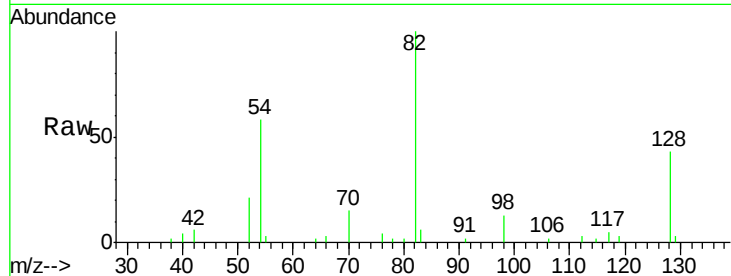




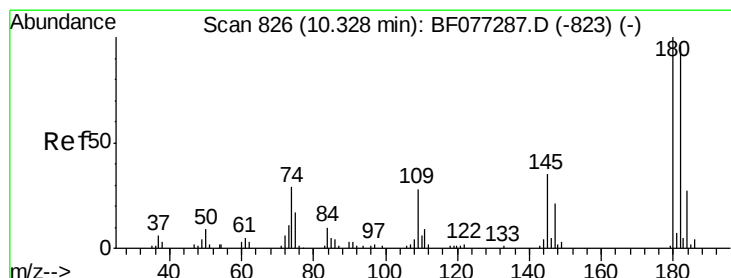
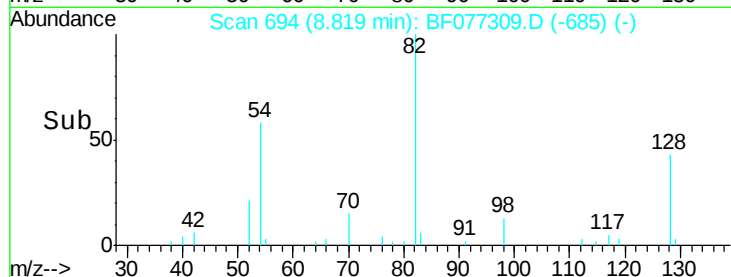
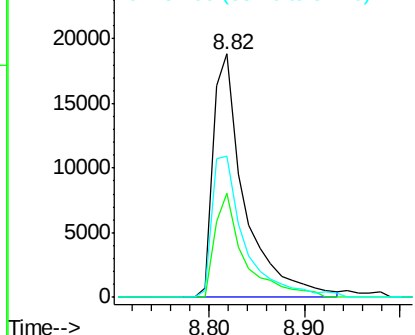
#23
 Nitrobenzene-d5
 Concen: 14.11 ng/ml
 RT: 8.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF077309.D
 Acq: 13 Feb 2015 15:42

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

Tot Ion: 82 Resp: 43254
 Ion Ratio Lower Upper
 82 100
 128 43.0 33.6 50.4
 54 58.0 46.2 69.2

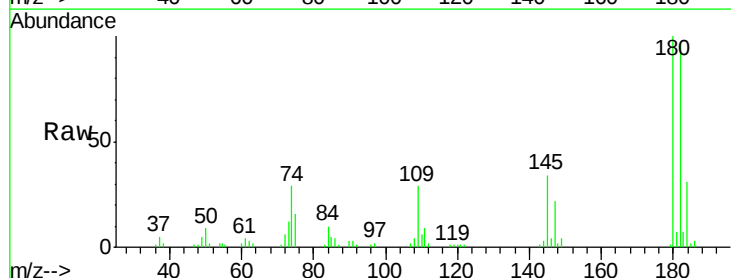


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

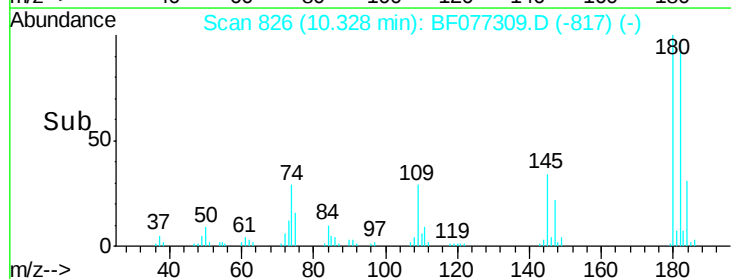
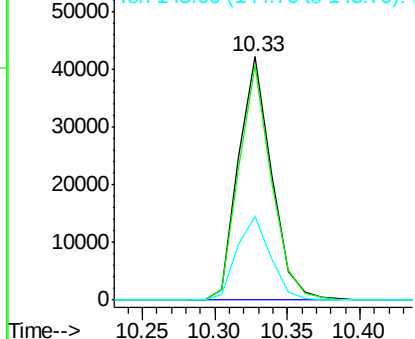


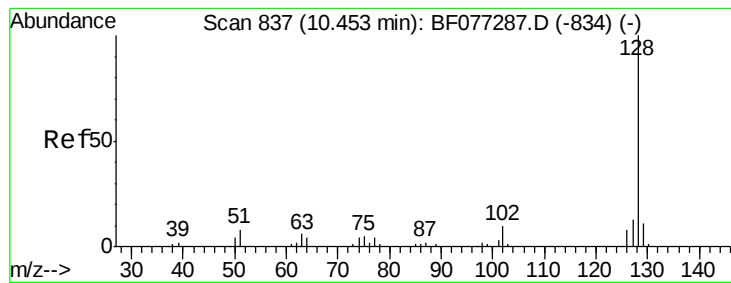
#30
 1,2,4-Trichlorobenzene
 Concen: 26.00 ng
 RT: 10.33 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF077309.D
 Acq: 13 Feb 2015 15:42

Tgt Ion: 180 Resp: 66731
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.0 115.6
 145 34.3 27.9 41.9



Abundance Ion 180.00 (179.70 to 180.70): B
 Ion 182.00 (181.70 to 182.70): B
 Ion 145.00 (144.70 to 145.70): B





#31

Naphthalene

Concen: 18.52 ng

RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF077309.D

Acq: 13 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL

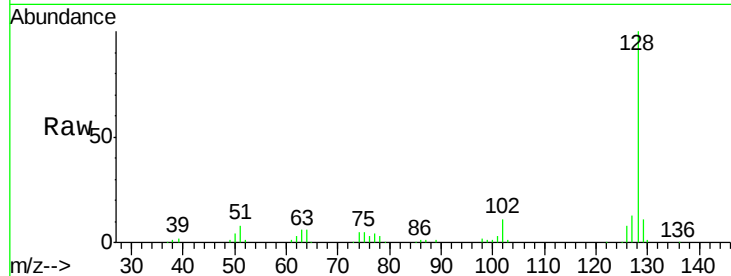
Tot Ion:128 Resp: 160124

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

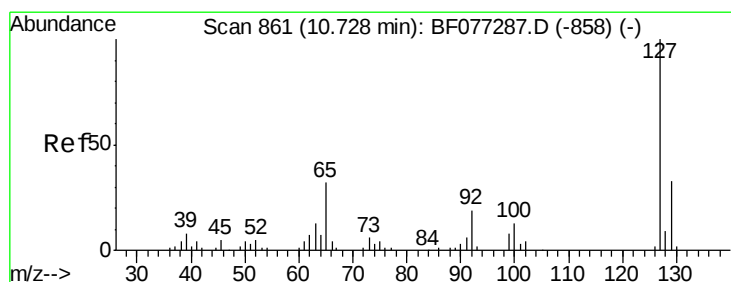
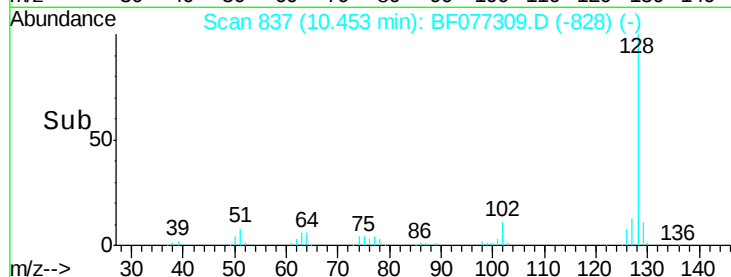
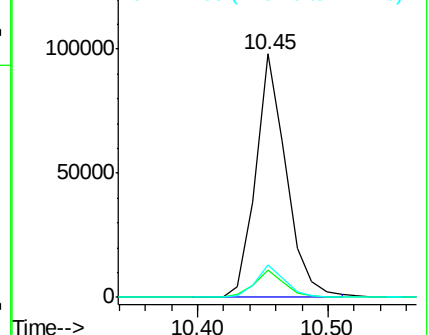
127 13.2 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 16.30 ng m

RT: 10.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF077309.D

Acq: 13 Feb 2015 15:42

Tgt Ion:127 Resp: 56845

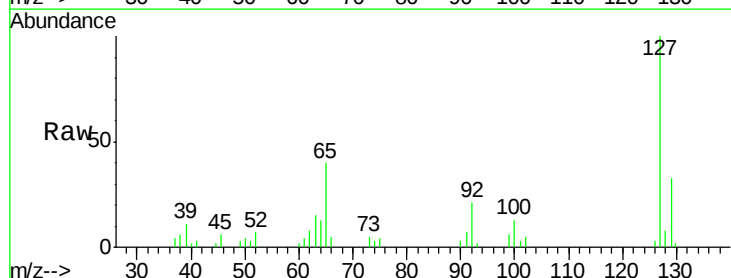
Ion Ratio Lower Upper

127 100

129 33.1 26.0 39.0

65 39.9 25.6 38.4#

92 21.0 15.1 22.7

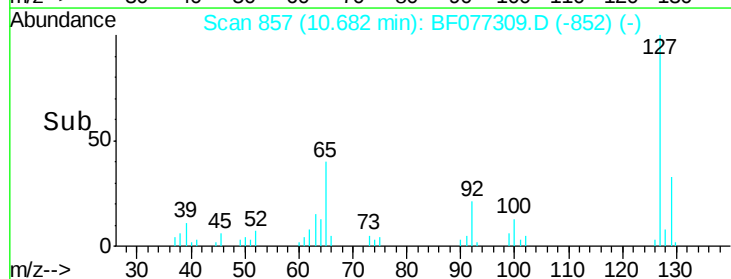
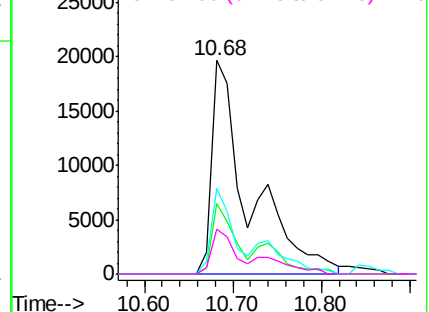


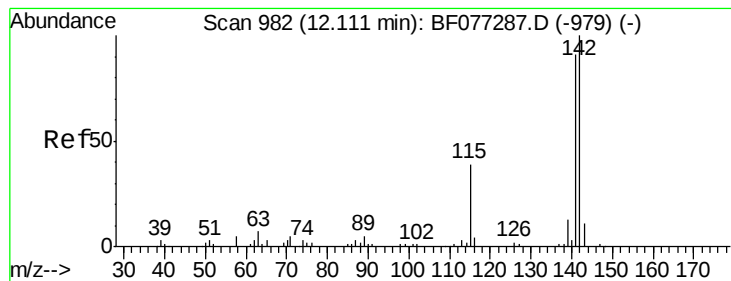
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

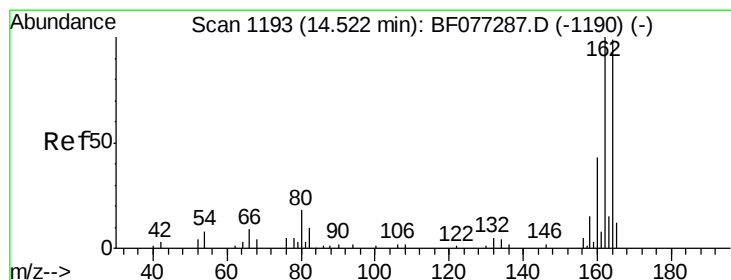
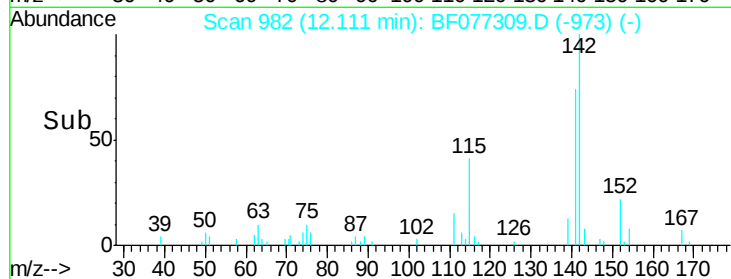
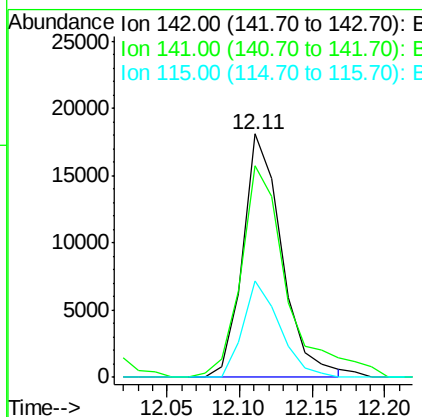
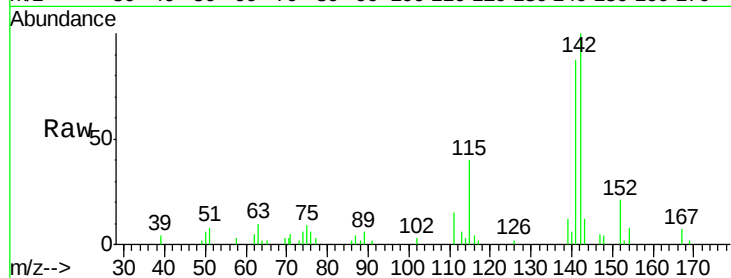




#37
2-Methylnaphthalene
Concen: 5.22 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF077309.D
Acq: 13 Feb 2015 15:42

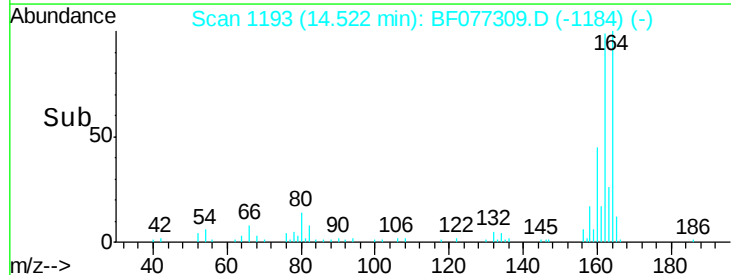
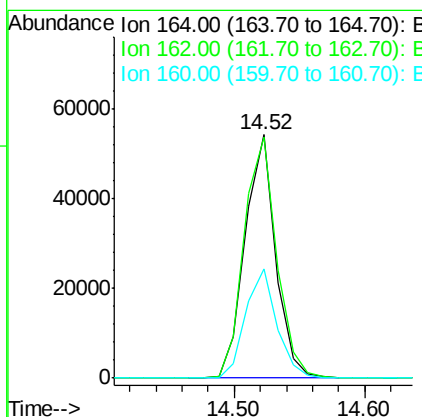
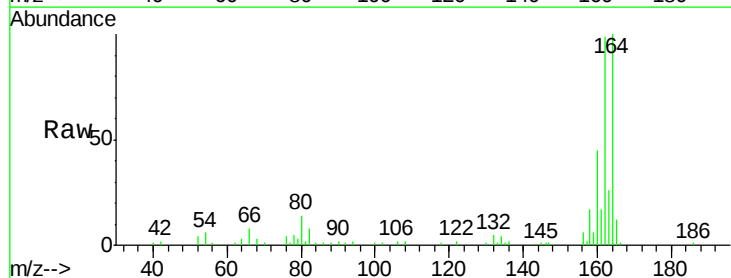
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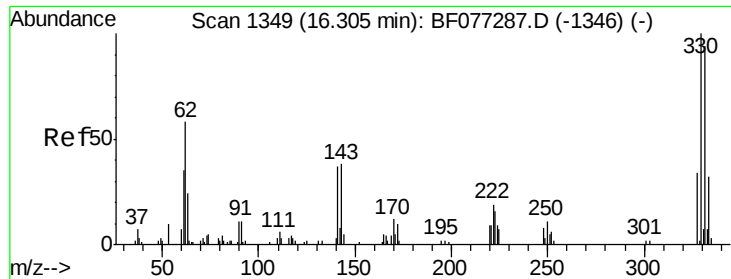
Tot Ion:142 Resp: 33859
Ion Ratio Lower Upper
142 100
141 87.1 69.8 104.6
115 39.7 29.5 44.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BF077309.D
Acq: 13 Feb 2015 15:42

Tgt Ion:164 Resp: 88537
Ion Ratio Lower Upper
164 100
162 99.3 81.0 121.4
160 44.9 35.2 52.8

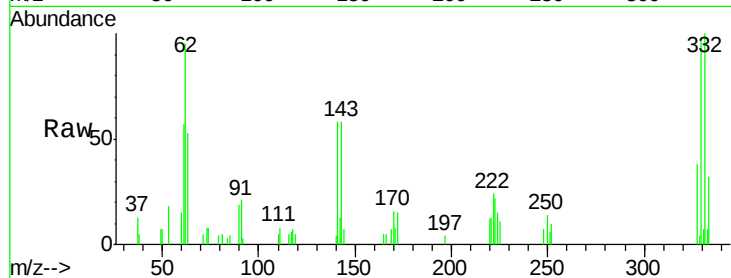




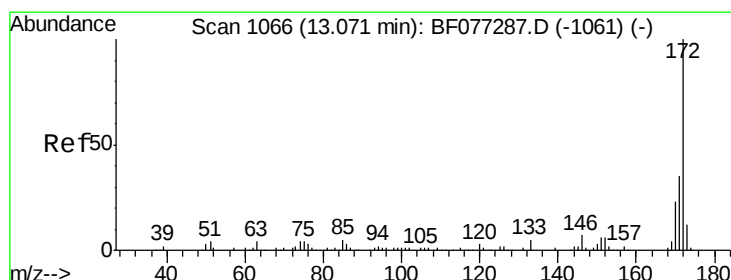
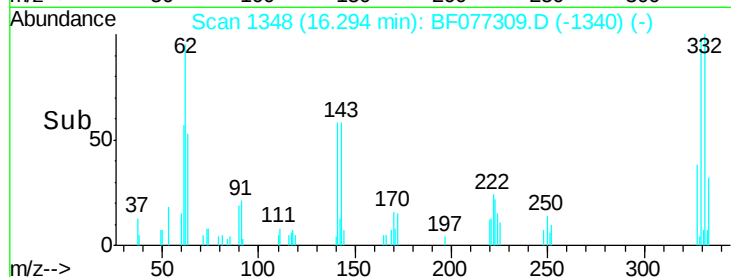
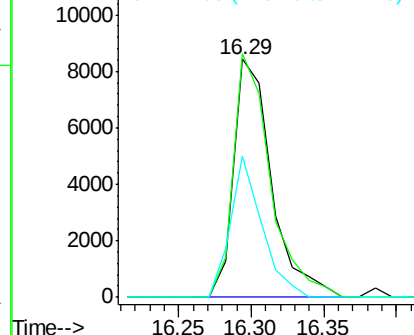
#41
 2,4,6-Tribromophenol
 Concen: 21.25 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF077309.D
 Acq: 13 Feb 2015 15:42

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	0.0	0.0#
141	49.3	0.0	0.0#

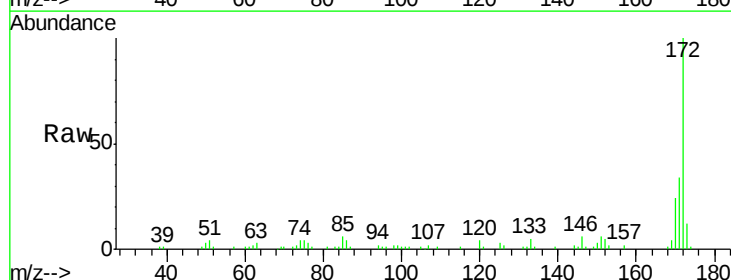


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

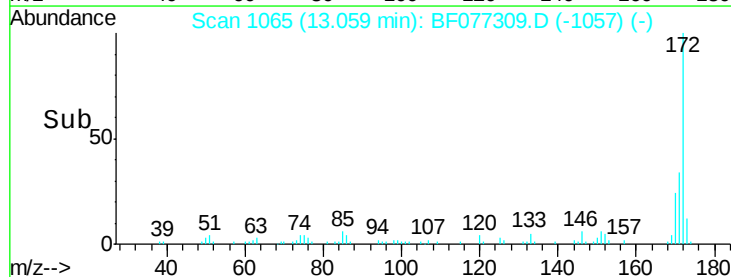
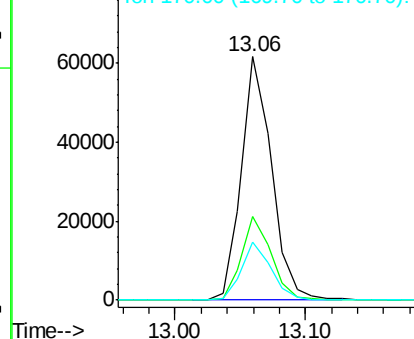


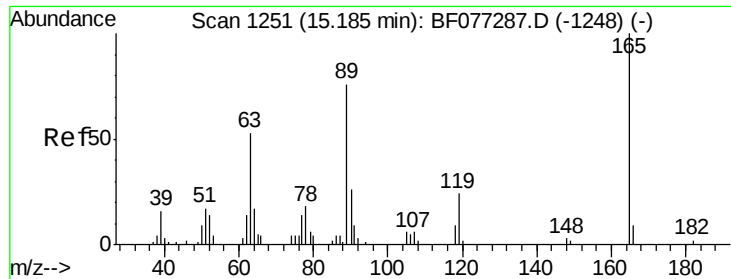
#44
 2-Fluorobiphenyl
 Concen: 16.87 ng
 RT: 13.06 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF077309.D
 Acq: 13 Feb 2015 15:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.8
170	23.9	18.3	27.5



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

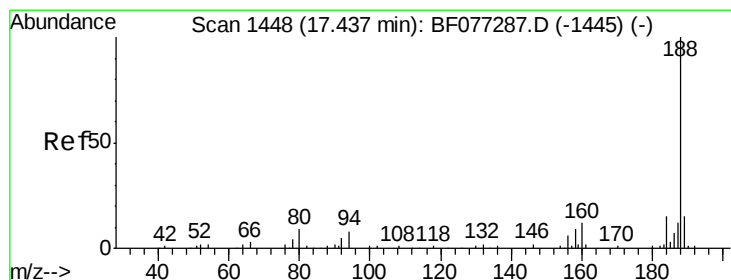
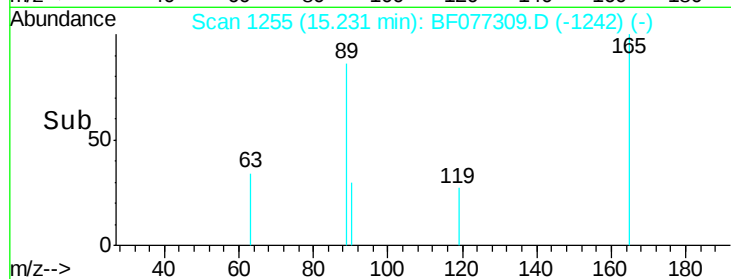
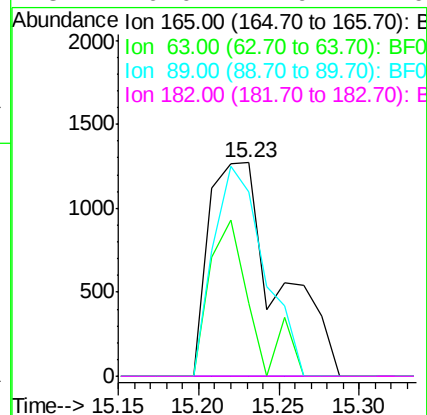
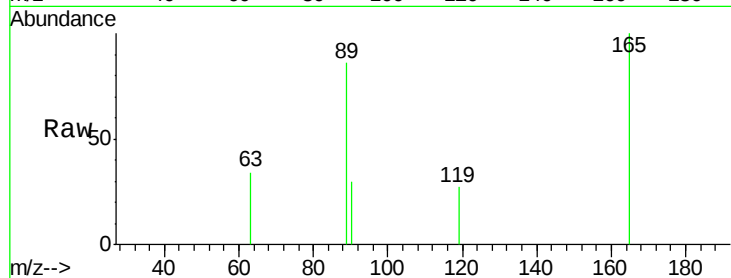




#56
 2,4-Dinitrotoluene
 Concen: 2.45 ng/mL
 RT: 15.23 min Scan# 1255
 Delta R.T. 0.05 min
 Lab File: BF077309.D
 Acq: 13 Feb 2015 15:42

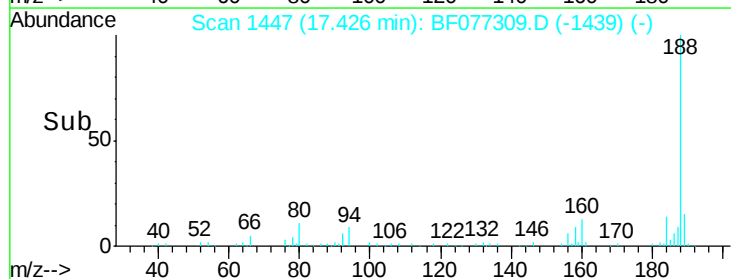
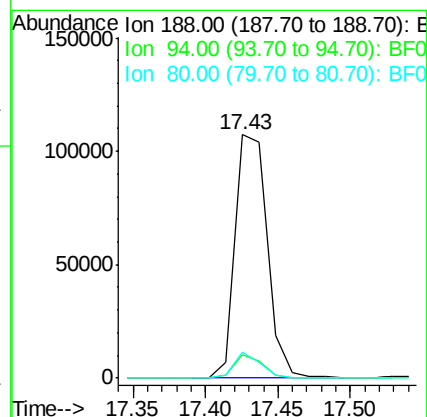
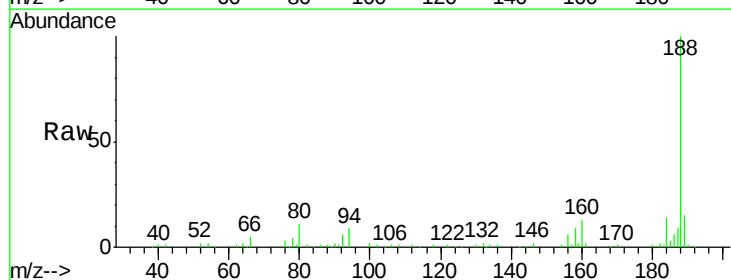
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

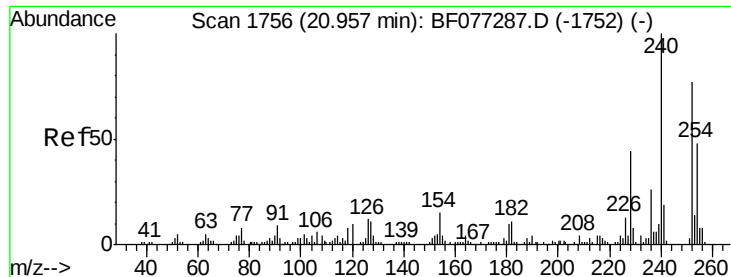
Tot Ion:165 Resp: 3783
 Ion Ratio Lower Upper
 165 100
 63 34.0 42.4 63.6#
 89 86.2 61.1 91.7
 182 0.0 1.9 2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.43 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF077309.D
 Acq: 13 Feb 2015 15:42

Tgt Ion:188 Resp: 165467
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.5 9.7
 80 10.5 7.1 10.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.95 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF077309.D

Acq: 13 Feb 2015 15:42

Instrument :

BNA_F

ClientSampleId :

DCW-WW-059-21015DL

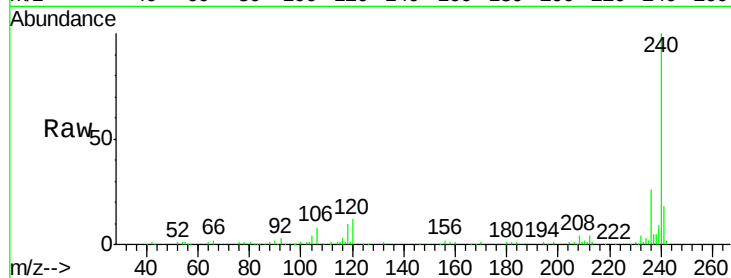
Tot Ion:240 Resp: 153052

Ion Ratio Lower Upper

240 100

120 11.9 7.8 11.8#

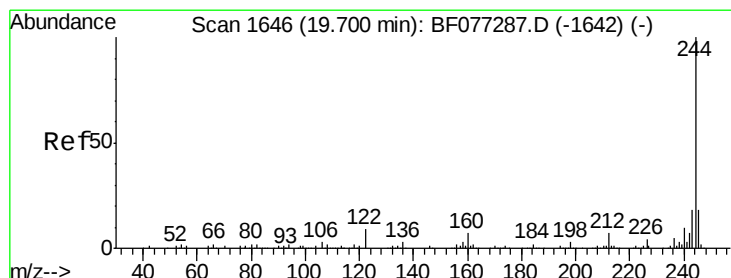
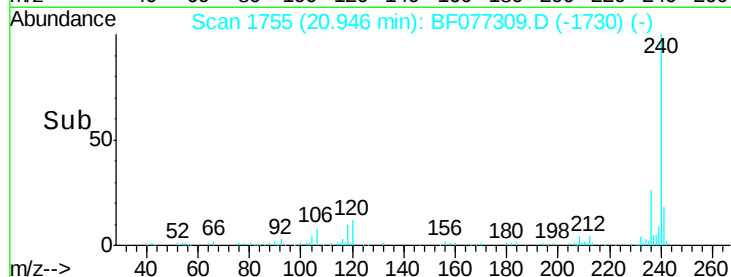
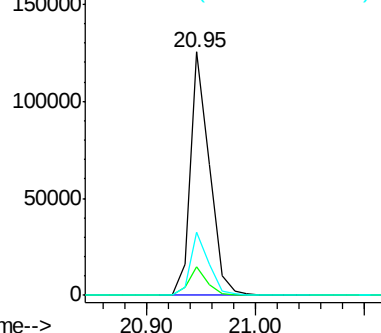
236 25.9 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 15.61 ng

RT: 19.69 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF077309.D

Acq: 13 Feb 2015 15:42

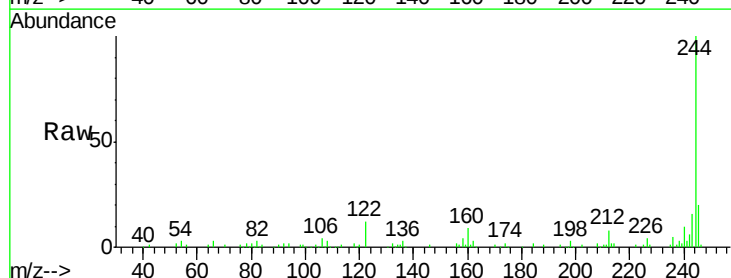
Tgt Ion:244 Resp: 106332

Ion Ratio Lower Upper

244 100

212 7.8 5.6 8.4

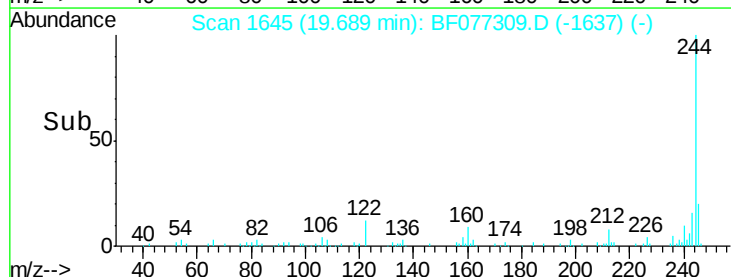
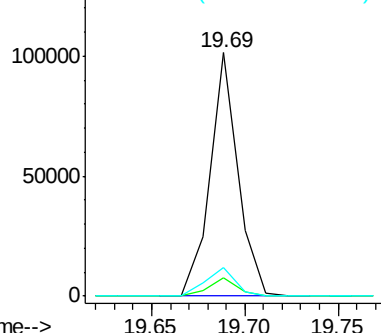
122 11.9 7.0 10.4#

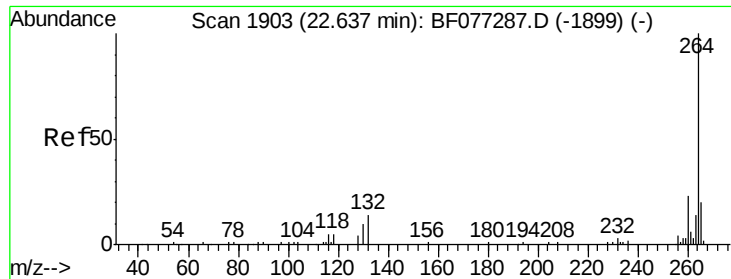


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

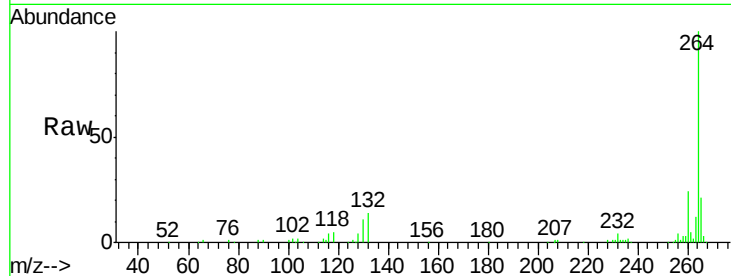




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.65 min Scan# 1904
 Delta R.T. 0.01 min
 Lab File: BF077309.D
 Acq: 13 Feb 2015 15:42

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-059-21015DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	27.8
265	21.4	16.2	24.2



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

