

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077719.D
 Acq On : 12 Mar 2015 7:28
 Operator : TP/IZ
 Sample : G1466-01DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-082-3915DL

Quant Time: Mar 12 08:05:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 02:24:12 2015
 Response via : Initial Calibration

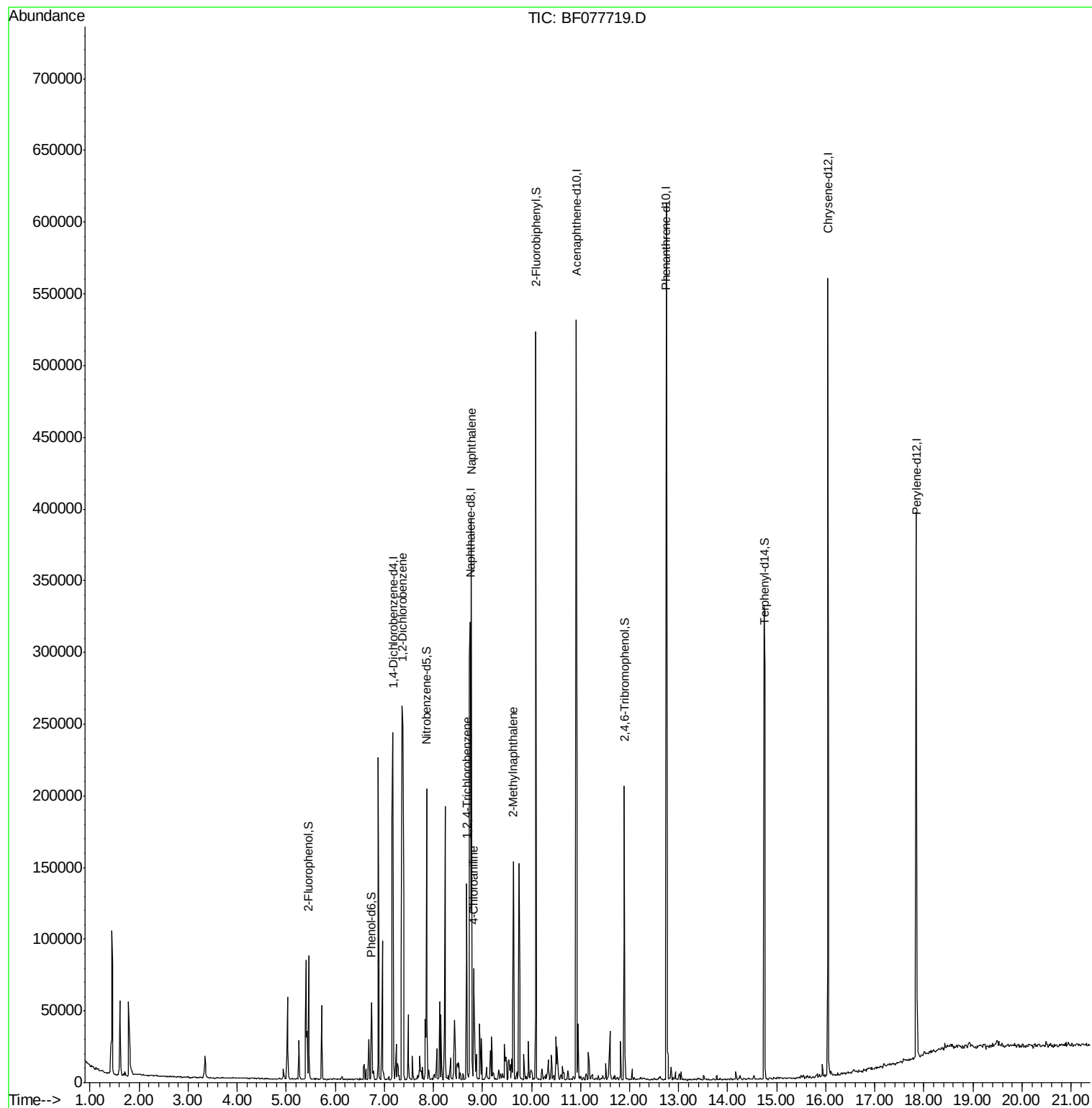
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	52108	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	216744	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	116202	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	229783	20.00	ng	0.00
75) Chrysene-d12	16.04	240	228299	20.00	ng	0.01
86) Perylene-d12	17.85	264	217360	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	29366	9.84	ng	0.00
7) Phenol-d6	6.74	99	21812	5.91	ng	0.00
23) Nitrobenzene-d5	7.86	82	61169	18.50	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	27437	24.68	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	154245	19.51	ng	0.00
78) Terphenyl-d14	14.75	244	162239	17.36	ng	0.00
Target Compounds						
14) 1,2-Dichlorobenzene	7.37	146	76402	20.29	ng	Qvalue # 94
30) 1,2,4-Trichlorobenzene	8.68	180	32904	9.71	ng	99
31) Naphthalene	8.77	128	183097	16.45	ng	99
33) 4-Chloroaniline	8.82	127	37052	8.20	ng	# 89
37) 2-Methylnaphthalene	9.63	142	44291	5.92	ng	100

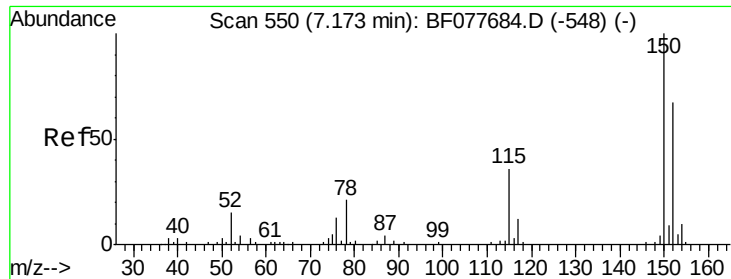
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 12 02:24:12 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

Instrument :

BNA_F

ClientSampleId :

DCW-WW-082-3915DL

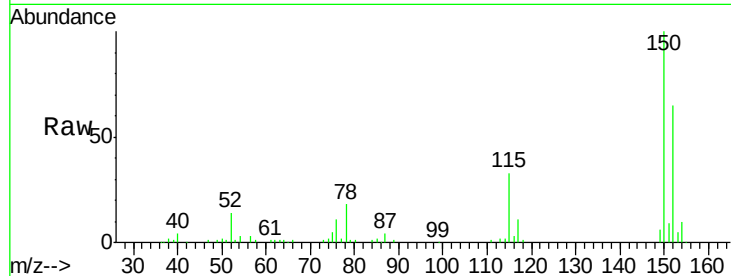
Tot Ion:152 Resp: 52108

Ion Ratio Lower Upper

152 100

150 154.8 119.5 179.3

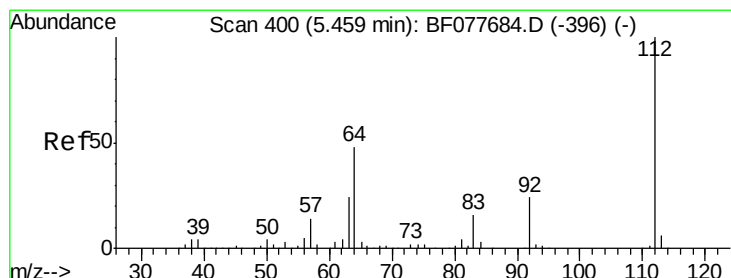
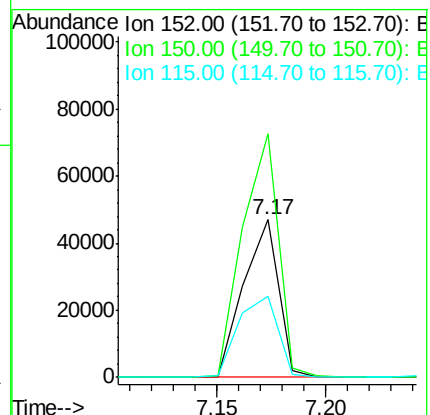
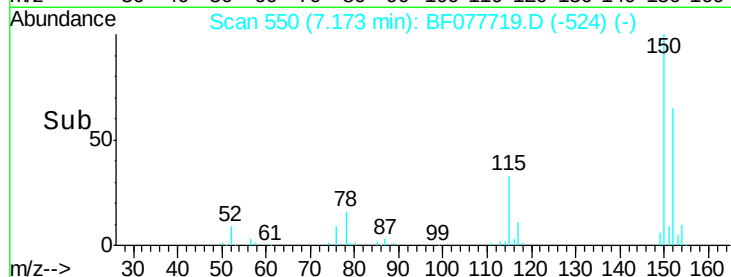
115 51.6 43.0 64.4



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: 9.84 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

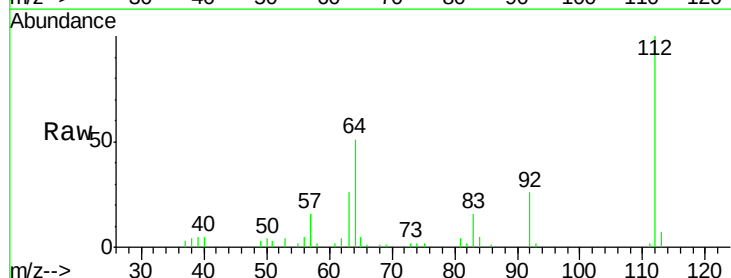
Tgt Ion:112 Resp: 29366

Ion Ratio Lower Upper

112 100

64 51.1 38.6 57.8

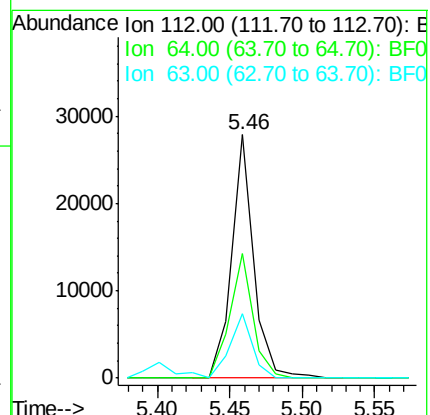
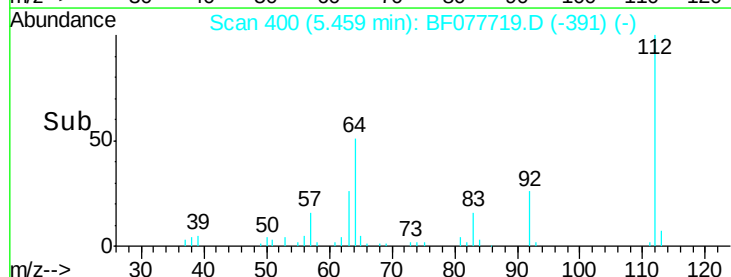
63 26.4 19.3 28.9

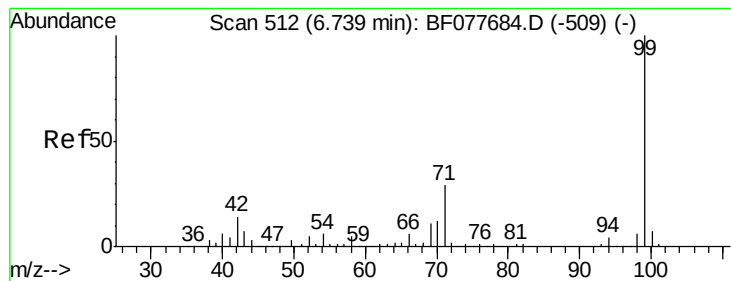


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 5.91 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

Instrument :

BNA_F

ClientSampleId :

DCW-WW-082-3915DL

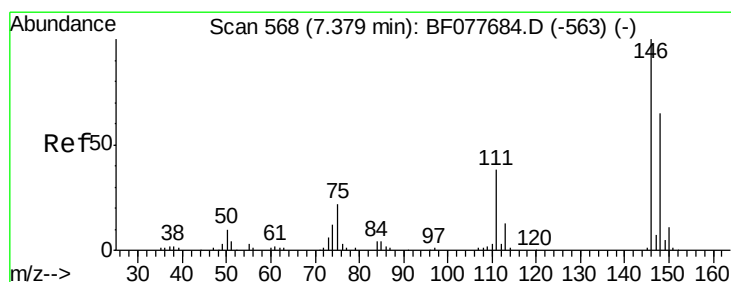
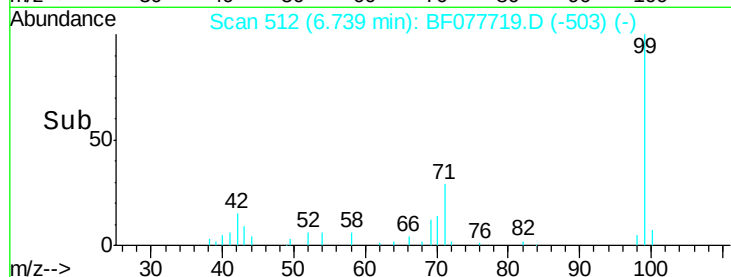
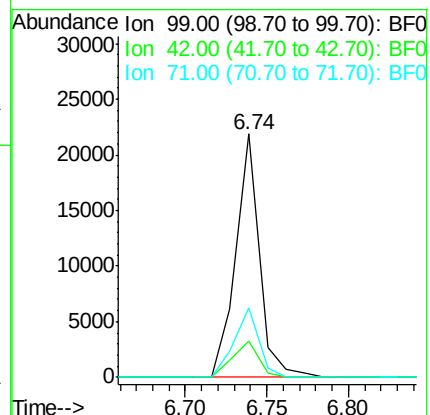
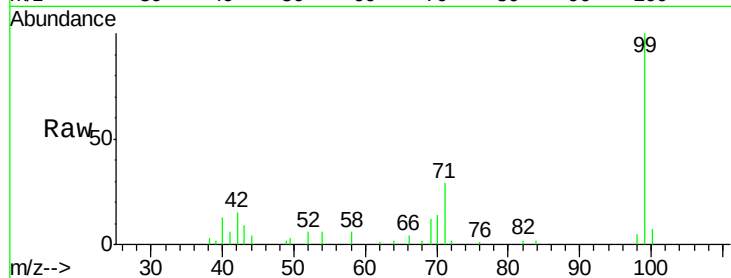
Tot Ion: 99 Resp: 21812

Ion Ratio Lower Upper

99 100

42 15.0 11.0 16.4

71 28.5 23.4 35.2



#14

1,2-Dichlorobenzene

Concen: 20.29 ng

RT: 7.37 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

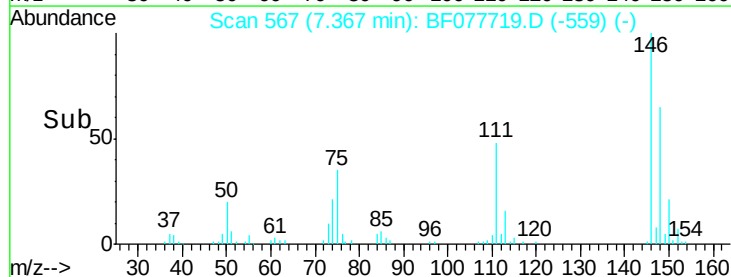
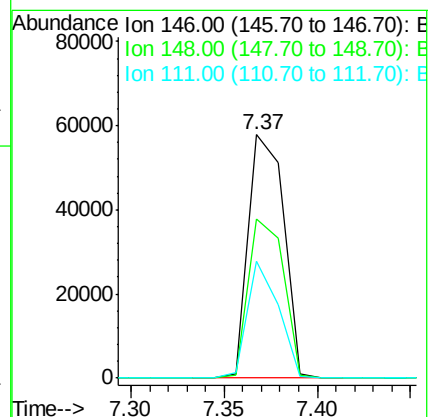
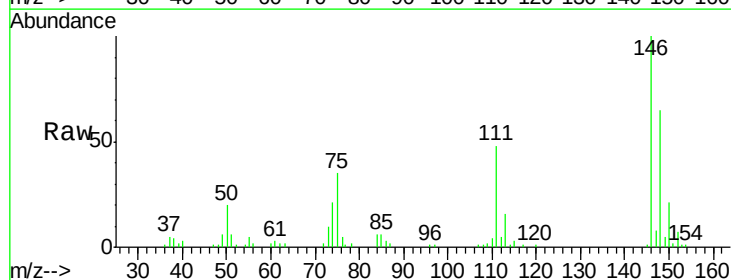
Tgt Ion: 146 Resp: 76402

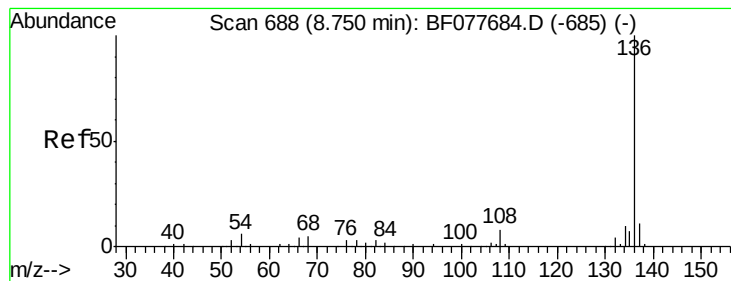
Ion Ratio Lower Upper

146 100

148 65.3 52.3 78.5

111 48.1 30.6 45.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

Instrument :

BNA_F

ClientSampleId :

DCW-WW-082-3915DL

Tot Ion:136 Resp: 216744

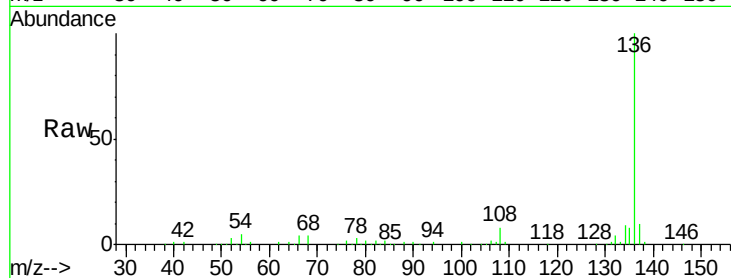
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 5.2 4.6 6.8

68 4.2 3.7 5.5

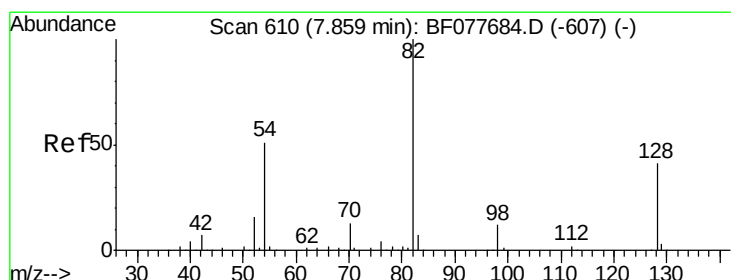
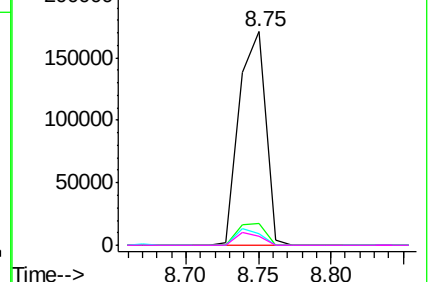
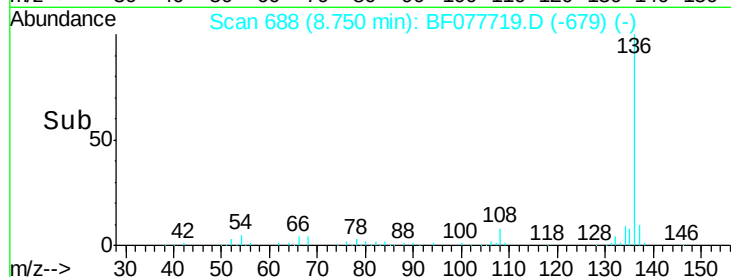


Abundance Ion 136.00 (135.70 to 136.70): E

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: 18.50 ng

RT: 7.86 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

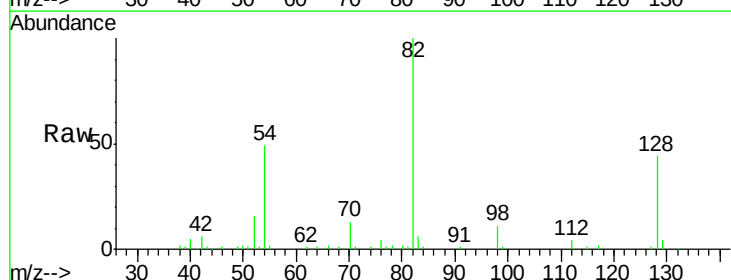
Tgt Ion: 82 Resp: 61169

Ion Ratio Lower Upper

82 100

128 43.7 32.8 49.2

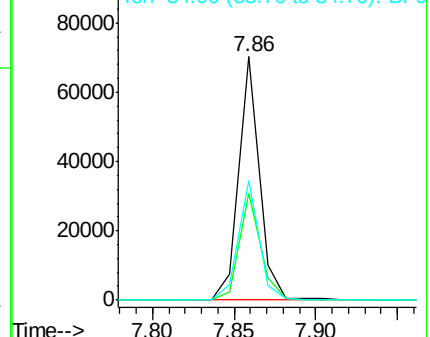
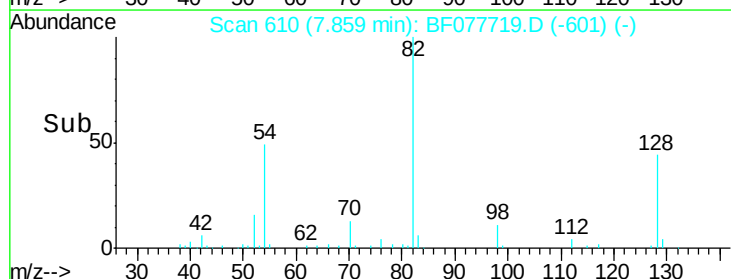
54 48.9 40.6 60.8

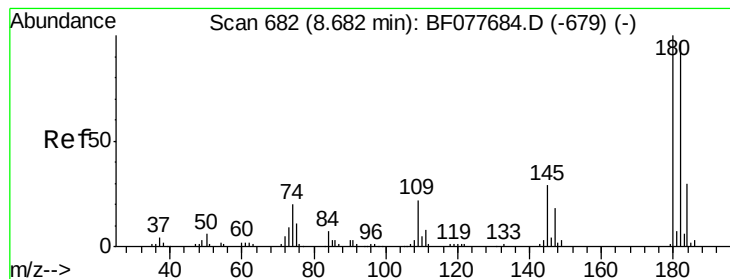


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#30

1,2,4-Trichlorobenzene

Concen: 9.71 ng

RT: 8.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

Instrument :

BNA_F

ClientSampleId :

DCW-WW-082-3915DL

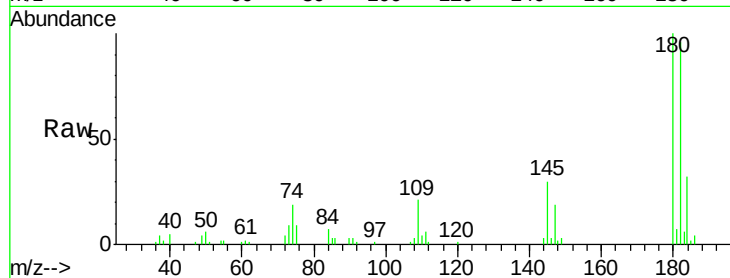
Tot Ion:180 Resp: 32904

Ion Ratio Lower Upper

180 100

182 96.3 77.6 116.4

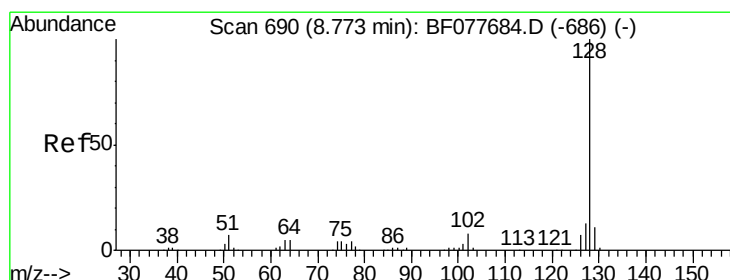
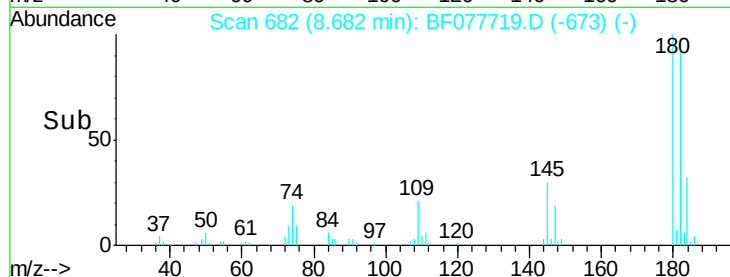
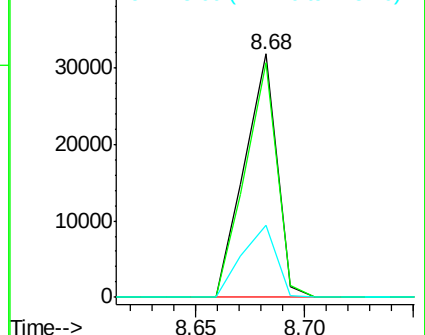
145 29.6 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 16.45 ng

RT: 8.77 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF077719.D

Acq: 12 Mar 2015 7:28

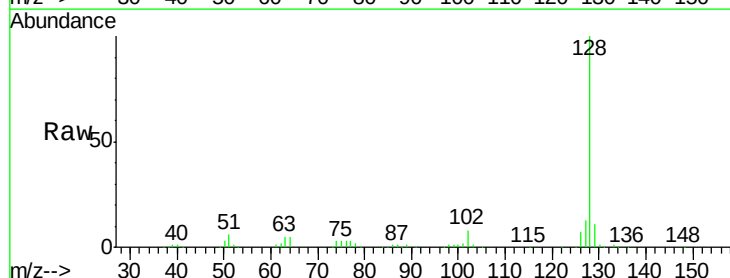
Tgt Ion:128 Resp: 183097

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

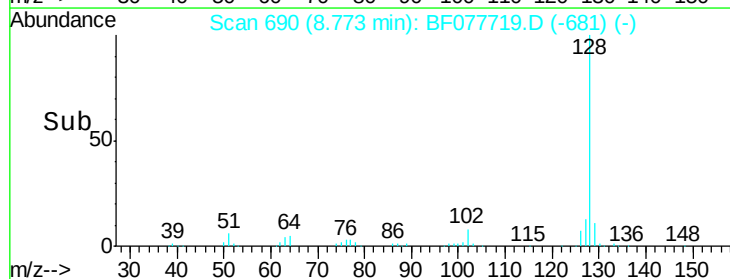
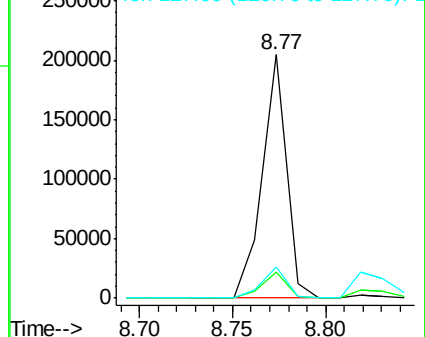
127 12.7 10.4 15.6

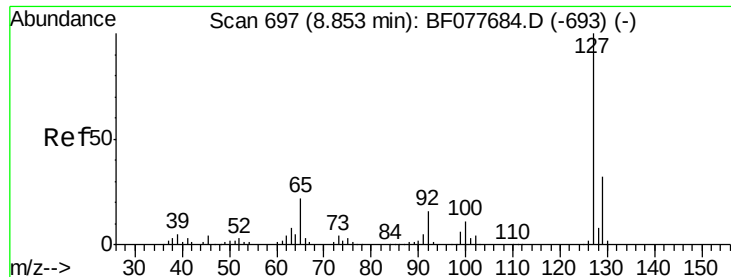


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

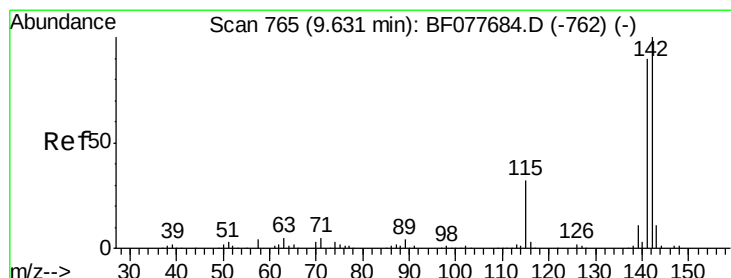
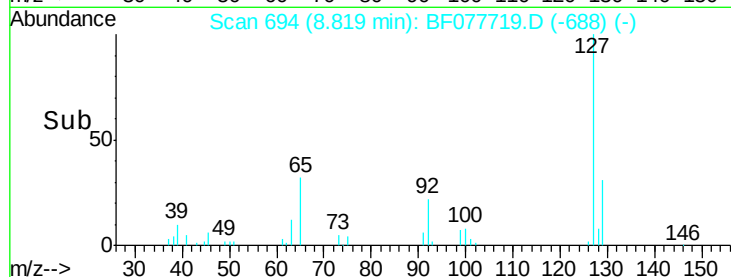
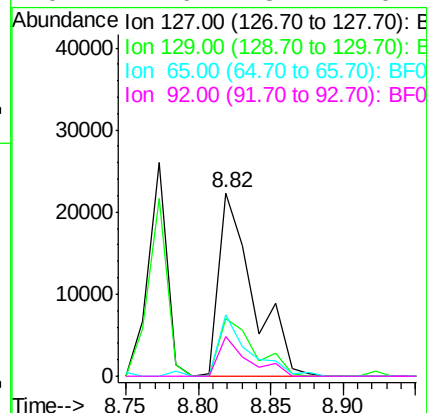
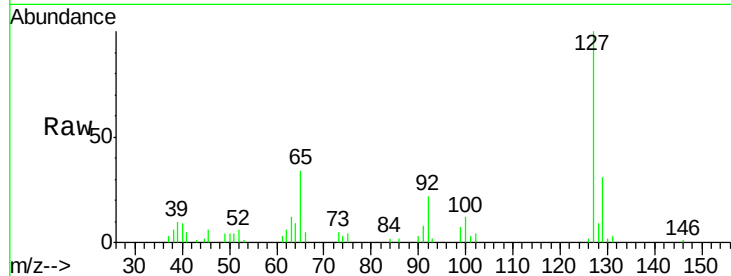




#33
4-Chloroaniline
Concen: 8.20 ng
RT: 8.82 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF077719.D
Acq: 12 Mar 2015 7:28

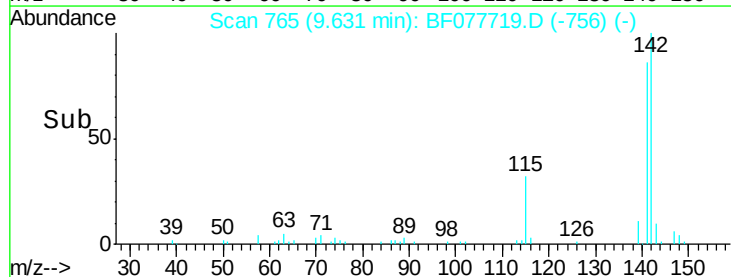
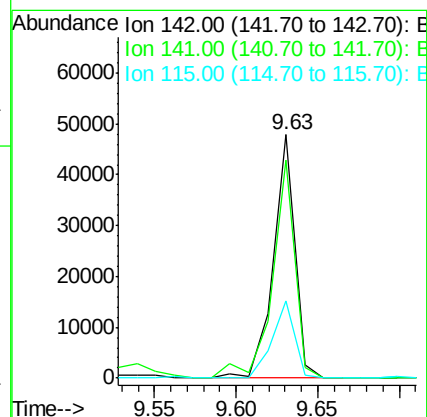
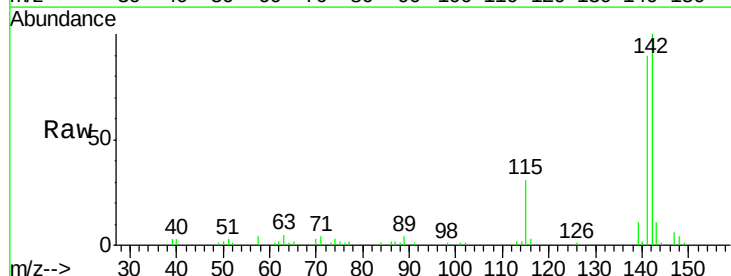
Instrument :
BNA_F
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DCW-WW-082-3915DL

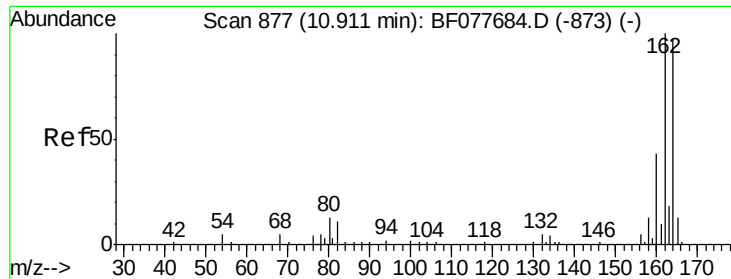
Tot Ion:	127	Resp:	37052
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.3	37.9
65	33.5	17.6	26.4
92	21.6	13.1	19.7



#37
2-Methylnaphthalene
Concen: 5.92 ng
RT: 9.63 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF077719.D
Acq: 12 Mar 2015 7:28

Tgt Ion:	142	Resp:	44291
Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9
115	31.5	25.4	38.0

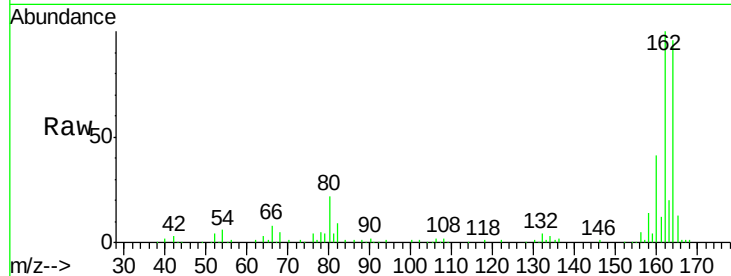




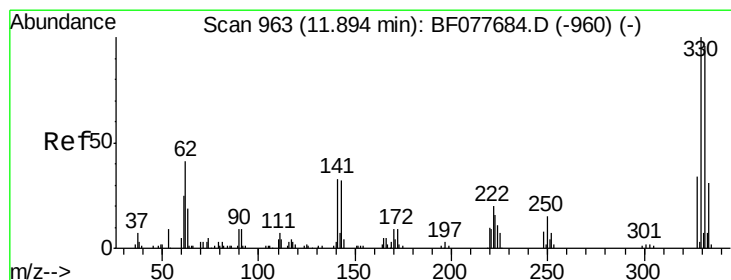
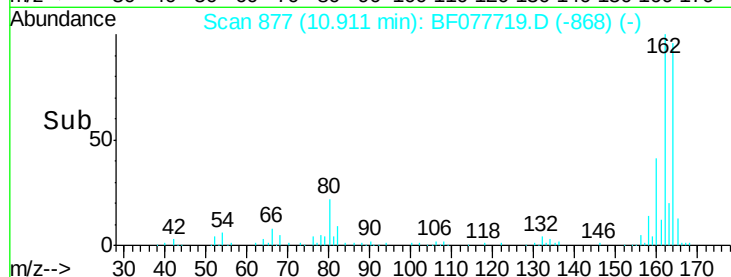
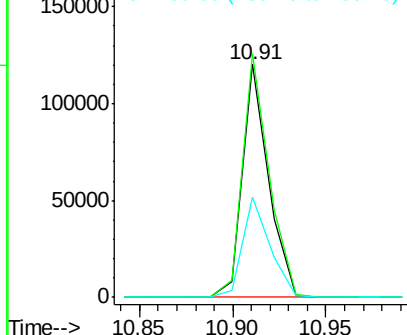
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077719.D
Acq: 12 Mar 2015 7:28

Instrument :
BNA_F
ClientSampleId :
DCW-WW-082-3915DL

Tot Ion:164 Resp: 116202
Ion Ratio Lower Upper
164 100
162 104.6 82.4 123.6
160 43.3 35.8 53.6

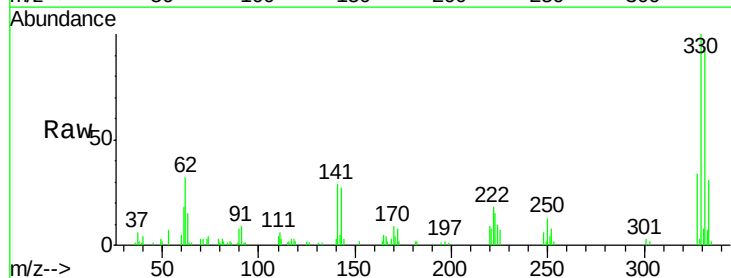


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

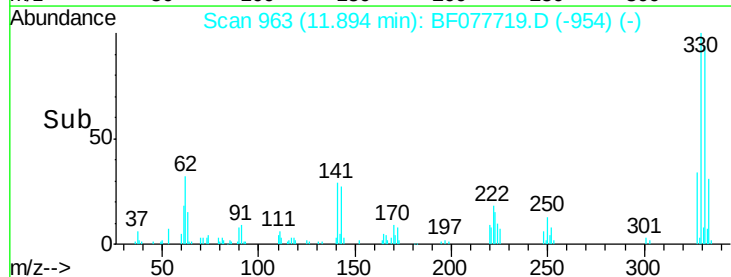
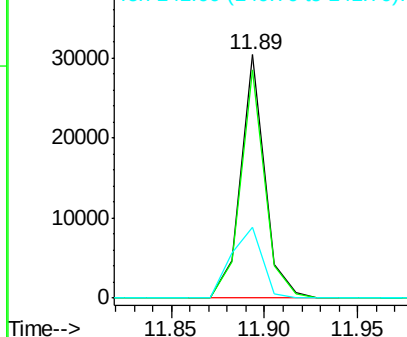


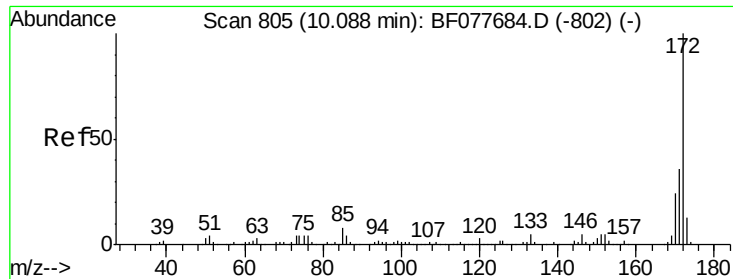
#41
2,4,6-Tribromophenol
Concen: 24.68 ng
RT: 11.89 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF077719.D
Acq: 12 Mar 2015 7:28

Tgt Ion:330 Resp: 27437
Ion Ratio Lower Upper
330 100
332 94.1 0.0 0.0#
141 37.7 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

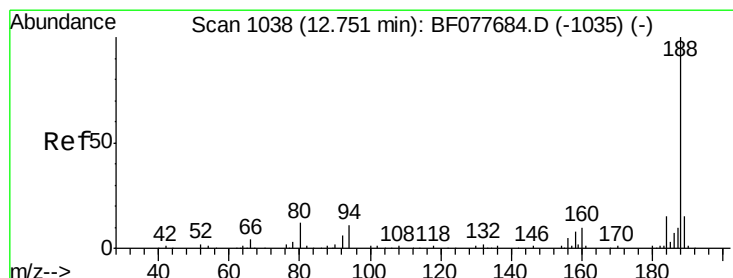
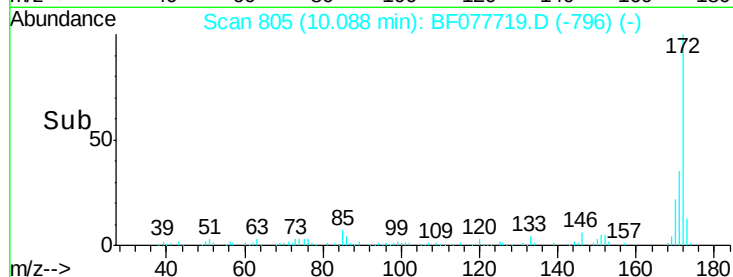
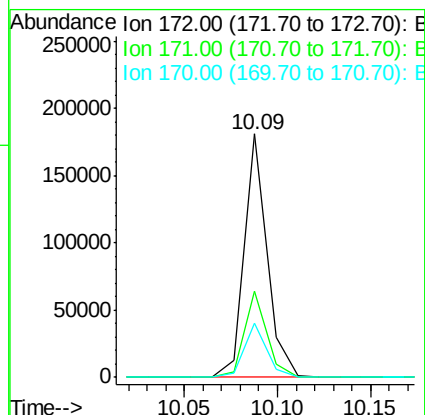
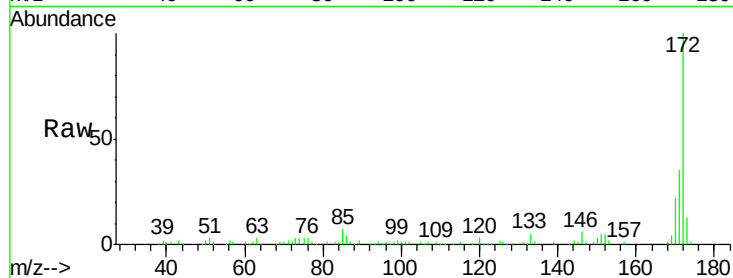




#44
 2-Fluorobiphenyl
 Concen: 19.51 ng
 RT: 10.09 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF077719.D
 Acq: 12 Mar 2015 7:28

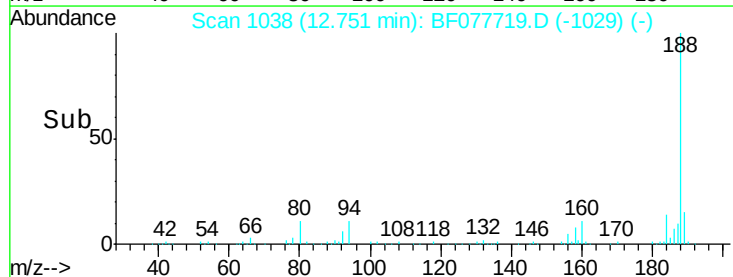
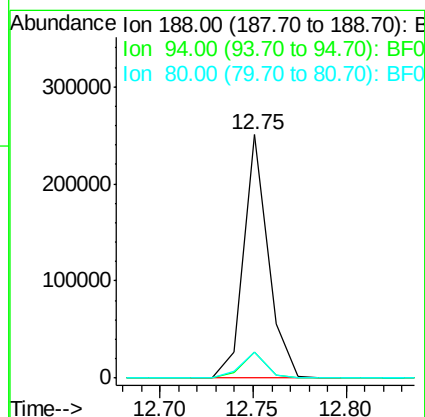
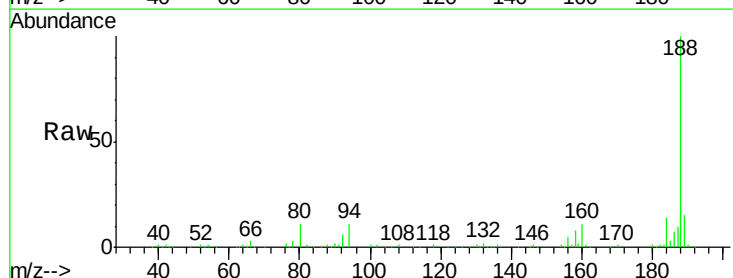
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 BNA_F
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 DCW-WW-082-3915DL

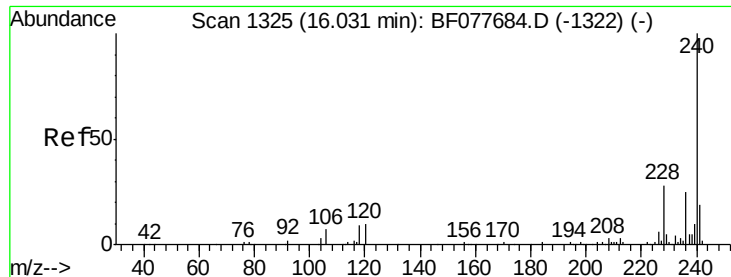
Tot Ion:172 Resp: 154245
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 22.5 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF077719.D
 Acq: 12 Mar 2015 7:28

Tgt Ion:188 Resp: 229783
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.7 13.1
 80 10.7 9.3 13.9

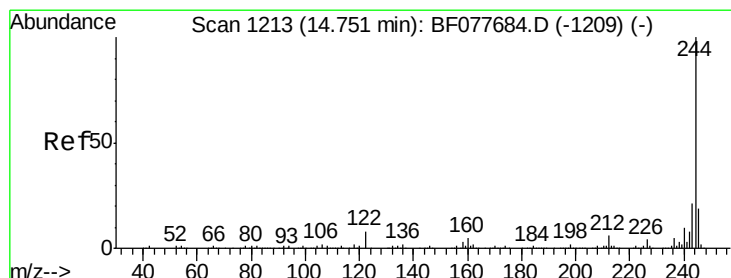
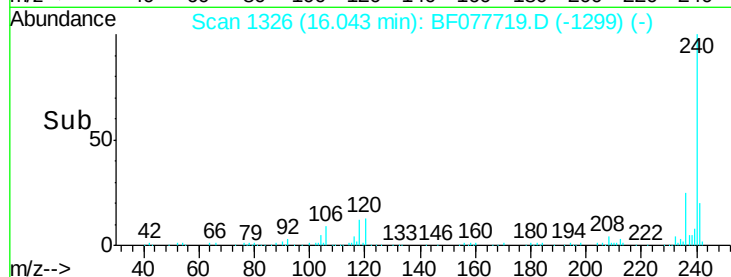
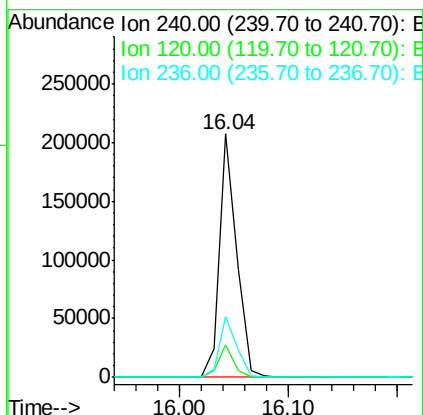
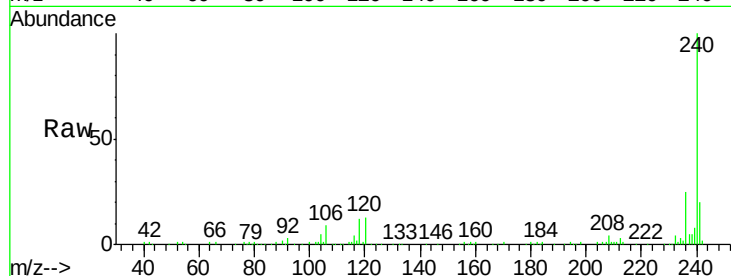




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.04 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF077719.D
 Acq: 12 Mar 2015 7:28

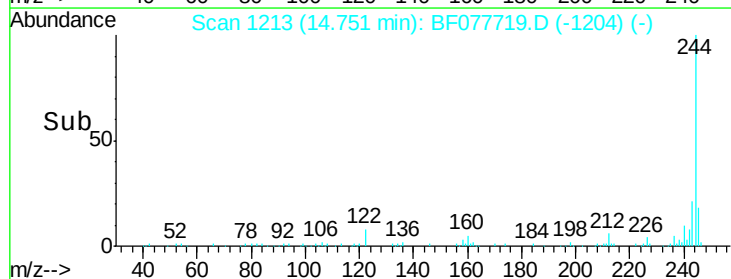
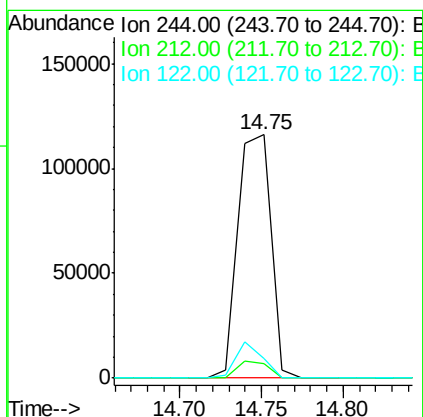
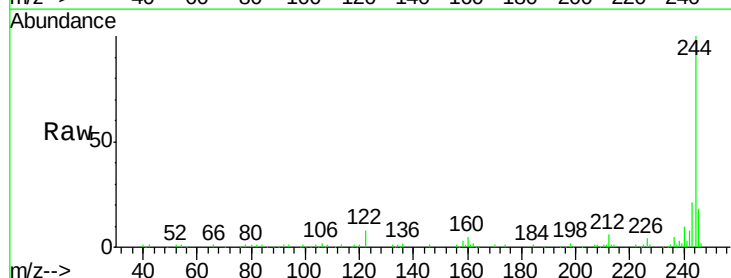
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-082-3915DL

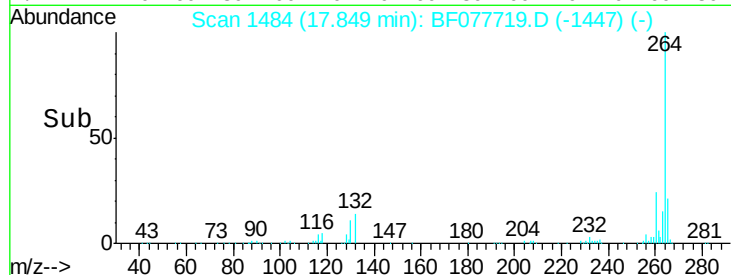
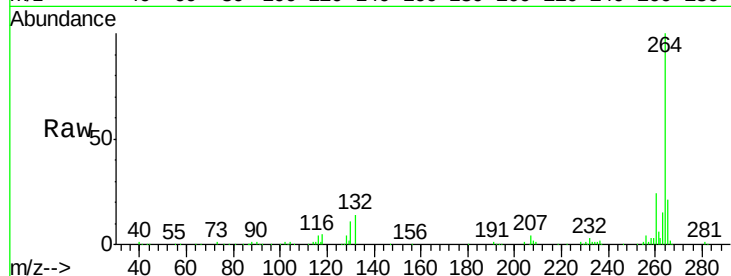
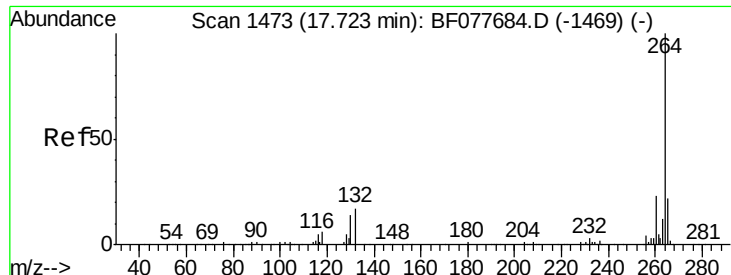
Tot Ion:240 Resp: 228299
 Ion Ratio Lower Upper
 240 100
 120 13.2 8.2 12.2#
 236 24.8 20.0 30.0



#78
 Terphenyl-d14
 Concen: 17.36 ng
 RT: 14.75 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF077719.D
 Acq: 12 Mar 2015 7:28

Tgt Ion:244 Resp: 162239
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.9 7.3
 122 8.2 6.2 9.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. 0.13 min
 Lab File: BF077719.D
 Acq: 12 Mar 2015 7:28

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-082-3915DL

Tot Ion:264	Resp:	217360
Ion	Ratio	Lower Upper
264	100	
260	24.4	18.6 27.8
265	20.8	17.3 25.9

