

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078791.D
 Acq On : 28 Apr 2015 23:17
 Operator : TP/IZ
 Sample : G2009-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-118-42315

Quant Time: Apr 29 12:44:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 29 11:41:09 2015
 Response via : Initial Calibration

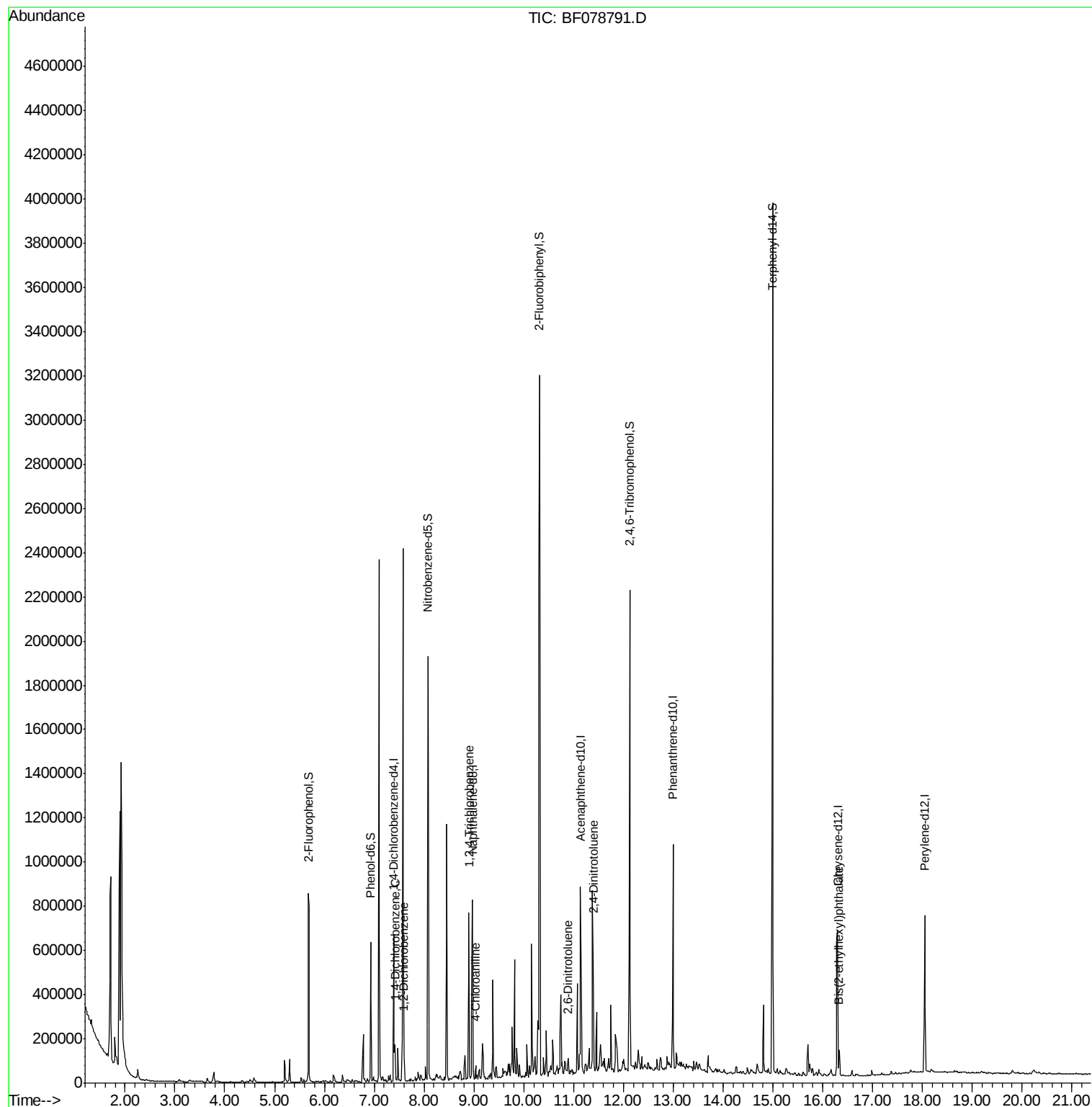
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	95263	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	380619	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	182721	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	350997	20.00	ng	0.00
75) Chrysene-d12	16.30	240	338030	20.00	ng	-0.01
86) Perylene-d12	18.05	264	324947	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	332657	64.14	ng	0.01
7) Phenol-d6	6.92	99	252534	36.46	ng	-0.01
23) Nitrobenzene-d5	8.08	82	538084	101.78	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	250058	137.34	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	1253348	93.93	ng	0.00
78) Terphenyl-d14	14.99	244	1276852	89.96	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	7.42	146	38553	5.44	ng	Qvalue 97
14) 1,2-Dichlorobenzene	7.60	146	25546	3.86	ng	99
30) 1,2,4-Trichlorobenzene	8.90	180	161114	30.96	ng	98
33) 4-Chloroaniline	9.04	127	21362	2.81	ng	99
50) 2,6-Dinitrotoluene	10.89	165	7813	3.69	ng	98
56) 2,4-Dinitrotoluene	11.39	165	144454	54.40	ng	# 55
83) Bis(2-ethylhexyl)phthalate	16.33	149	32645	2.69	ng	# 93

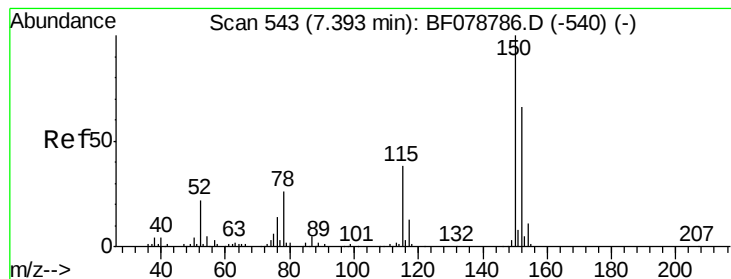
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.39 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF078791.D

Acq: 28 Apr 2015 23:17

Instrument :

BNA_F

ClientSampleId :

DCW-WW-118-42315

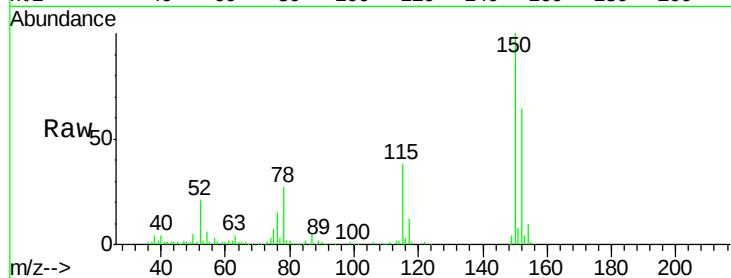
Tot Ion:152 Resp: 95263

Ion Ratio Lower Upper

152 100

150 155.2 122.0 183.0

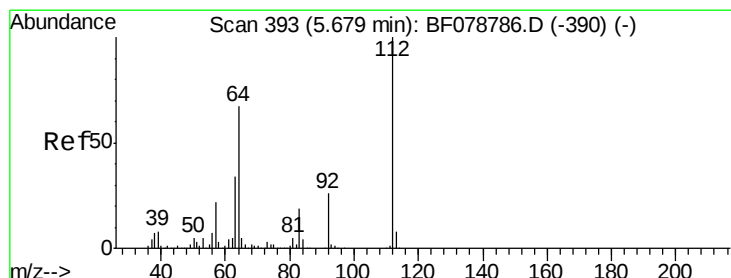
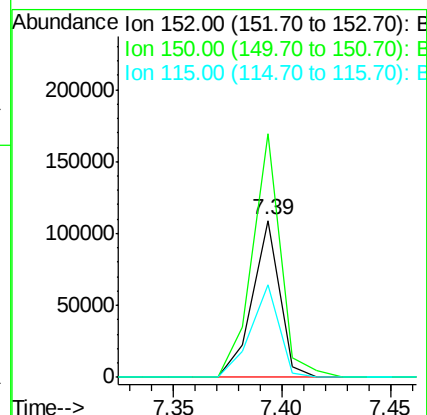
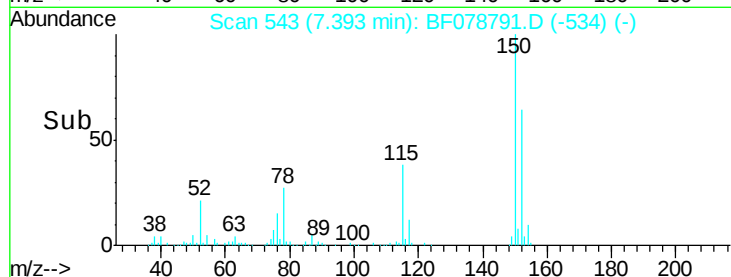
115 59.2 46.3 69.5



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: 64.14 ng

RT: 5.69 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF078791.D

Acq: 28 Apr 2015 23:17

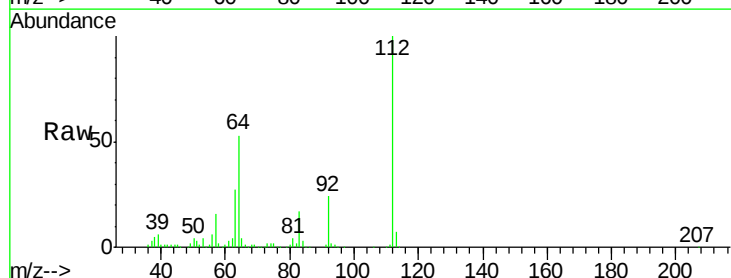
Tgt Ion:112 Resp: 332657

Ion Ratio Lower Upper

112 100

64 52.9 53.5 80.3#

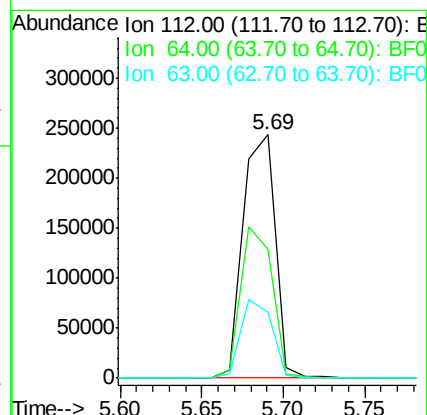
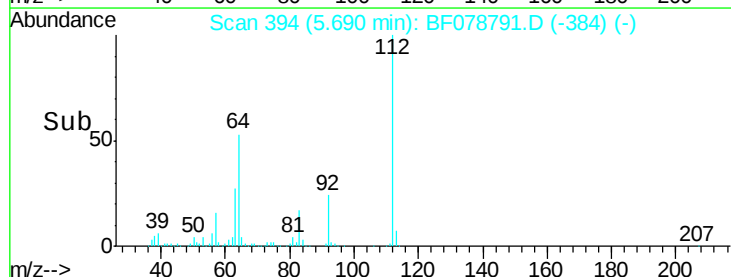
63 27.2 27.5 41.3#

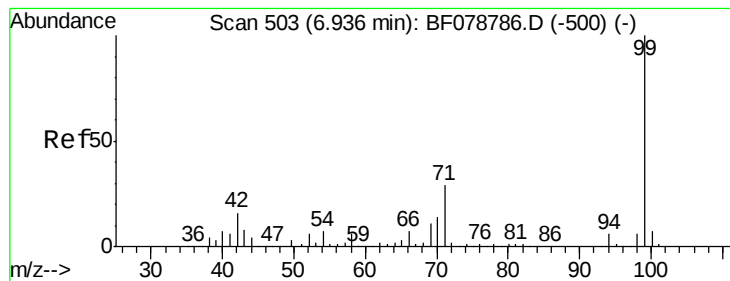


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.46 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078791.D

Acq: 28 Apr 2015 23:17

Instrument :

BNA_F

ClientSampleId :

DCW-WW-118-42315

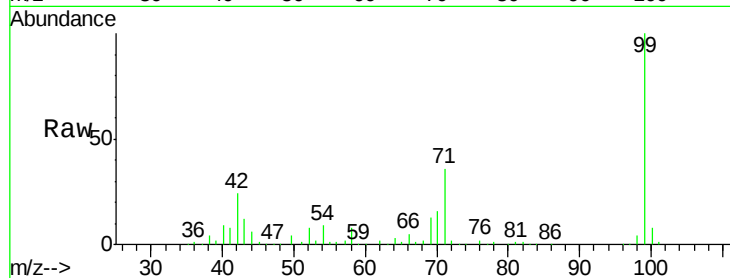
Tot Ion: 99 Resp: 252534

Ion Ratio Lower Upper

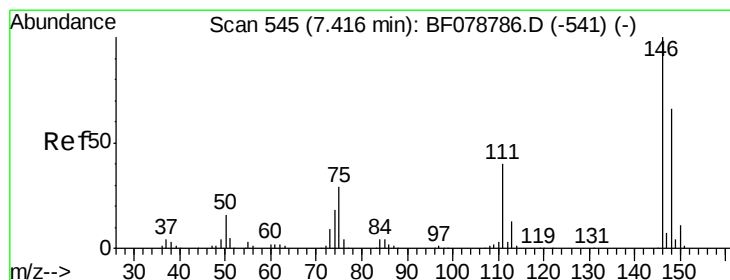
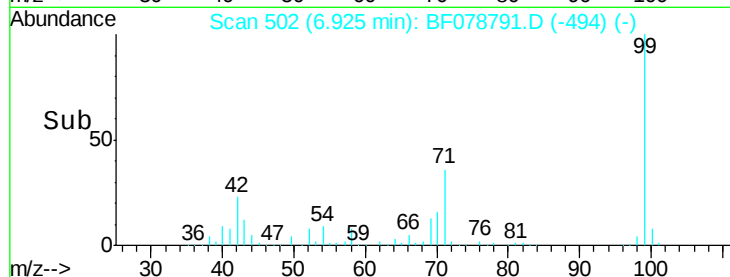
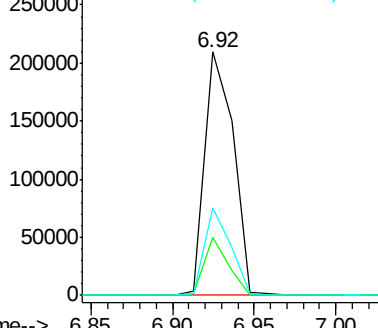
99 100

42 23.7 12.8 19.2#

71 35.7 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



#13

1,4-Dichlorobenzene

Concen: 5.44 ng

RT: 7.42 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF078791.D

Acq: 28 Apr 2015 23:17

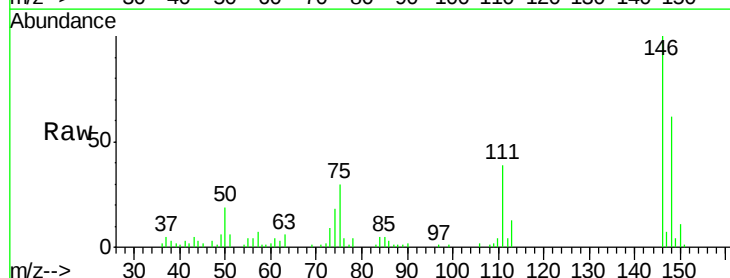
Tgt Ion: 146 Resp: 38553

Ion Ratio Lower Upper

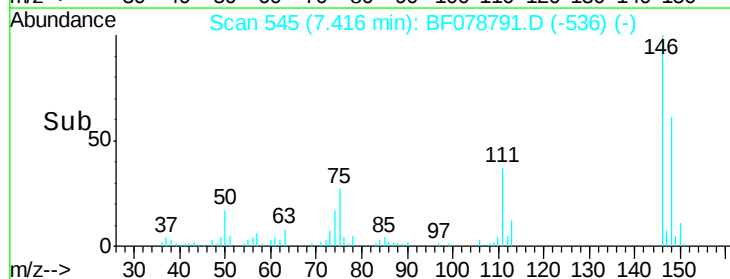
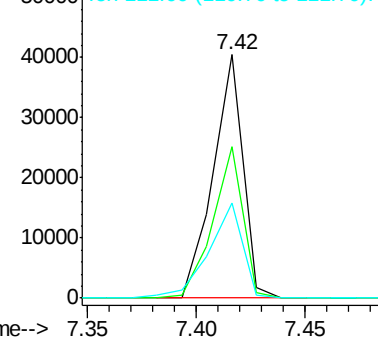
146 100

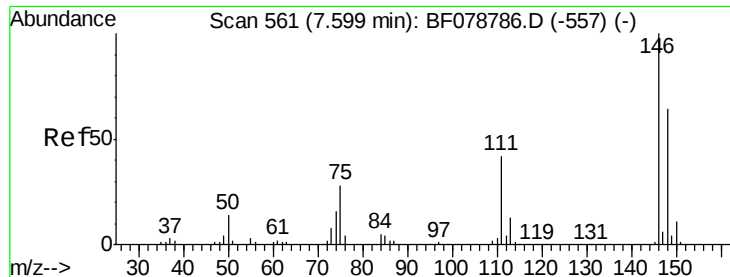
148 62.1 52.8 79.2

111 39.2 31.7 47.5



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

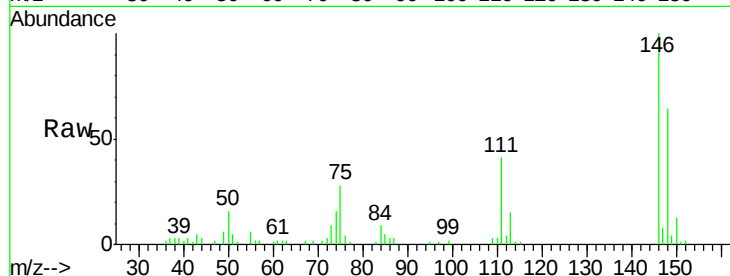




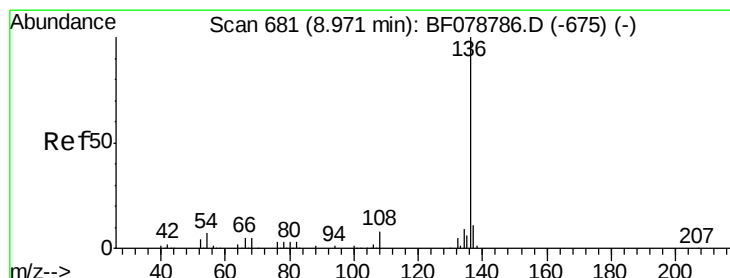
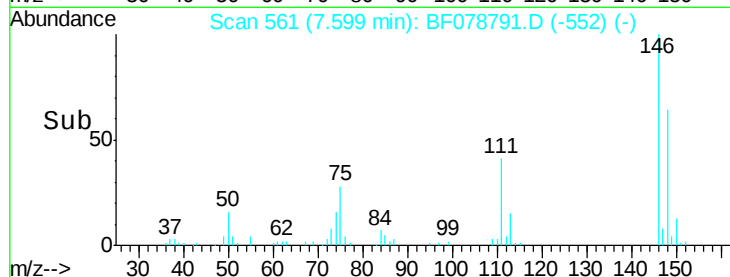
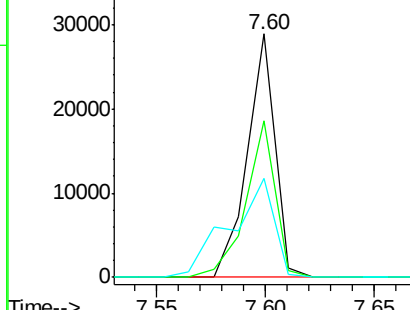
#14
 1,2-Dichlorobenzene
 Concen: 3.86 ng
 RT: 7.60 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF078791.D
 Acq: 28 Apr 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-118-42315

Tot Ion:146 Resp: 25546
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.2 76.8
 111 40.7 33.3 49.9

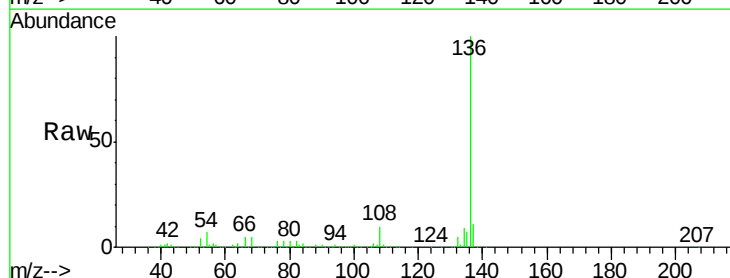


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

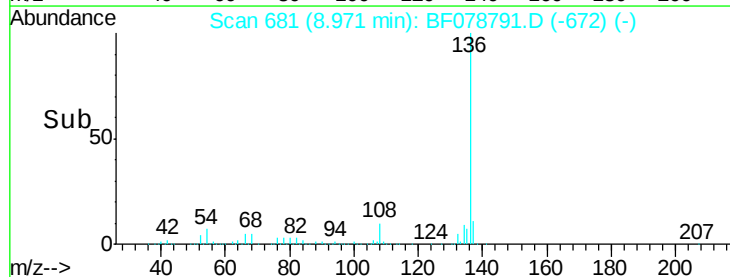
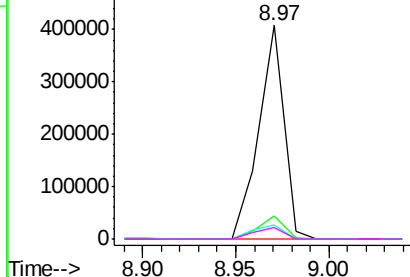


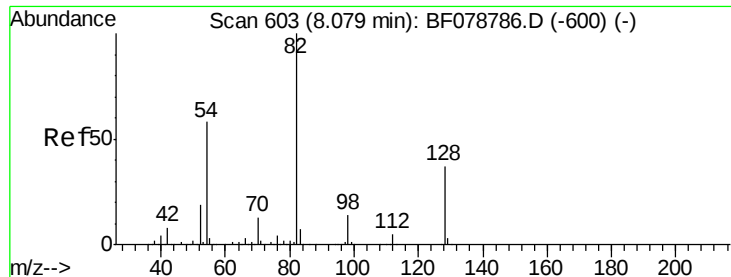
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.97 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF078791.D
 Acq: 28 Apr 2015 23:17

Tgt Ion:136 Resp: 380619
 Ion Ratio Lower Upper
 136 100
 137 10.8 8.7 13.1
 54 6.8 5.8 8.8
 68 5.2 4.2 6.4



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: 101.78 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF078791.D

Acq: 28 Apr 2015 23:17

Instrument :

BNA_F

ClientSampleId :

DCW-WW-118-42315

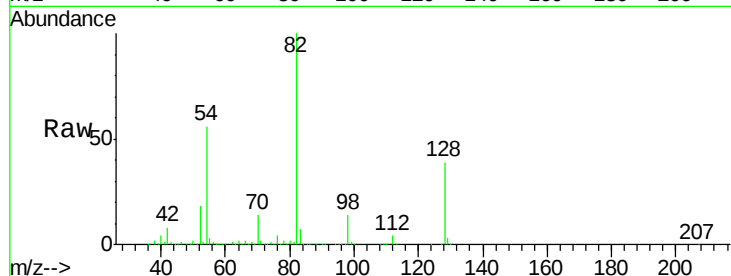
Tot Ion: 82 Resp: 538084

Ion Ratio Lower Upper

82 100

128 39.2 30.0 45.0

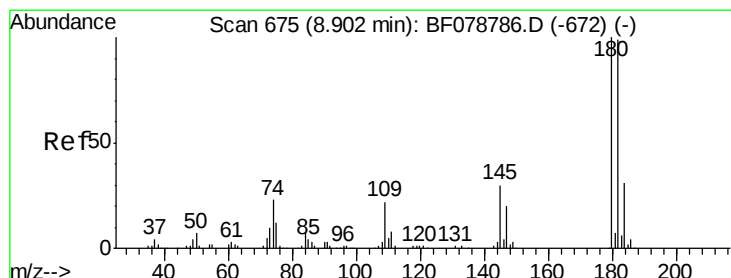
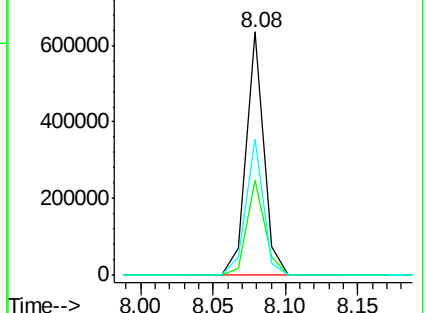
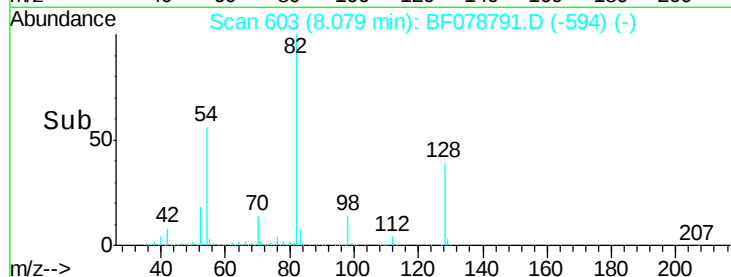
54 55.9 46.4 69.6



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: 30.96 ng

RT: 8.90 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF078791.D

Acq: 28 Apr 2015 23:17

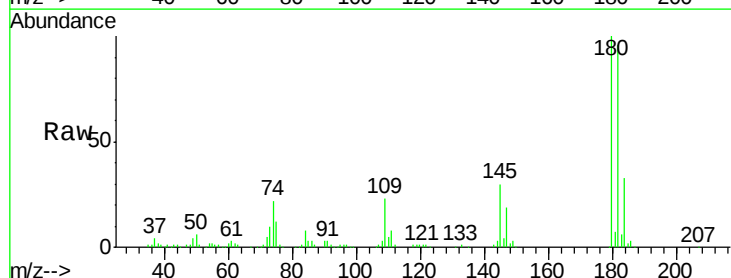
Tgt Ion:180 Resp: 161114

Ion Ratio Lower Upper

180 100

182 96.1 78.9 118.3

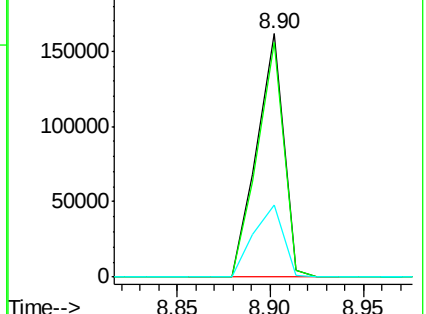
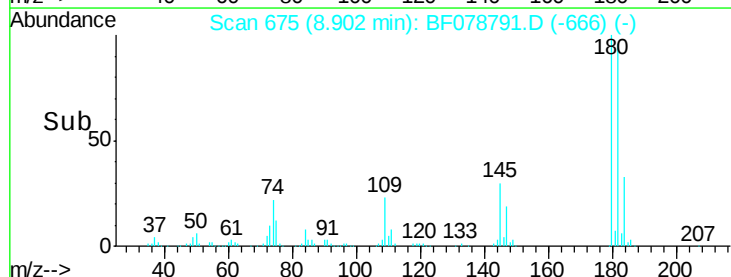
145 29.6 24.2 36.4

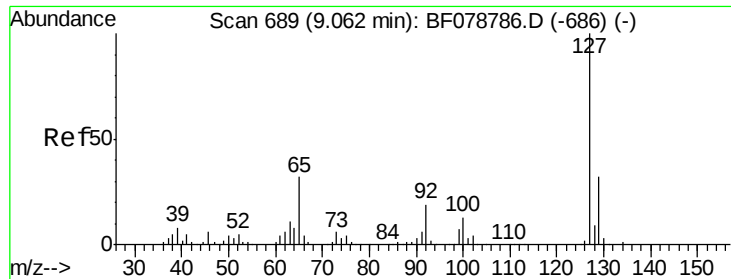


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

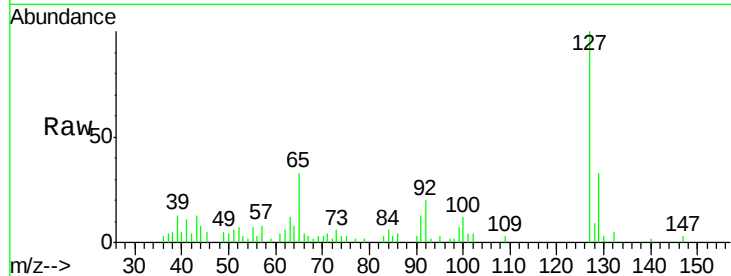




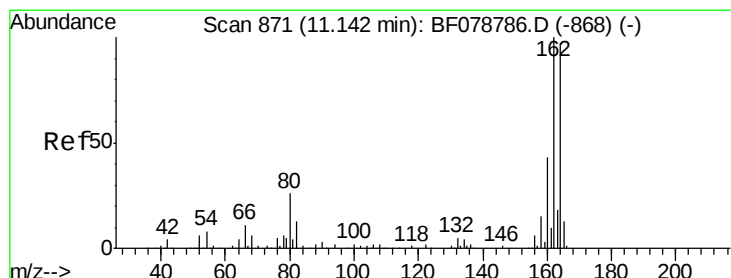
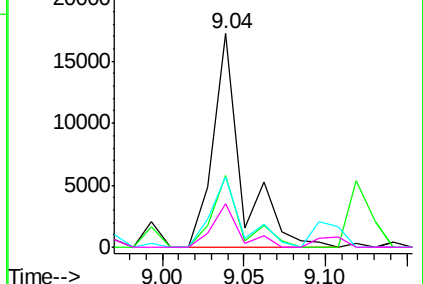
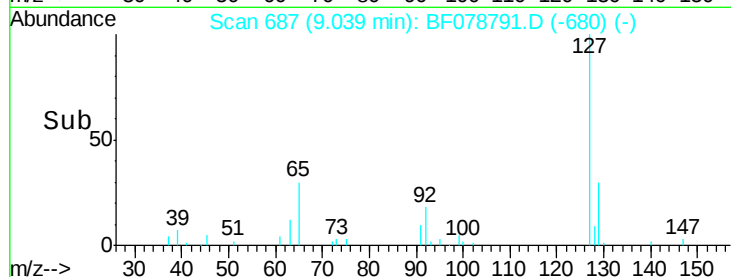
#33
4-Chloroaniline
Concen: 2.81 ng
RT: 9.04 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF078791.D
Acq: 28 Apr 2015 23:17

Instrument :
BNA_F
ClientSampleId :
DCW-WW-118-42315

Tot Ion:127	Resp:	21362
Ion Ratio	Lower	Upper
127	100	
129	33.3	25.8 38.8
65	32.7	25.8 38.6
92	20.2	15.5 23.3

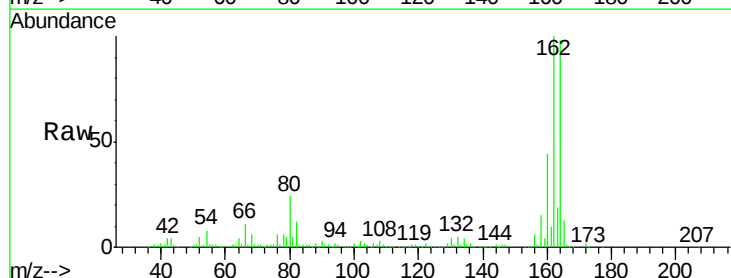


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

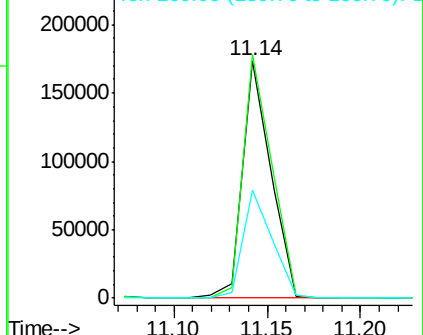
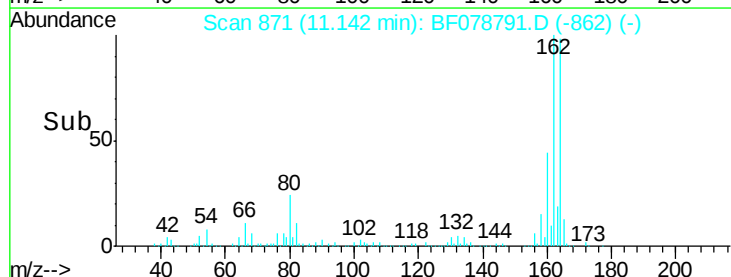


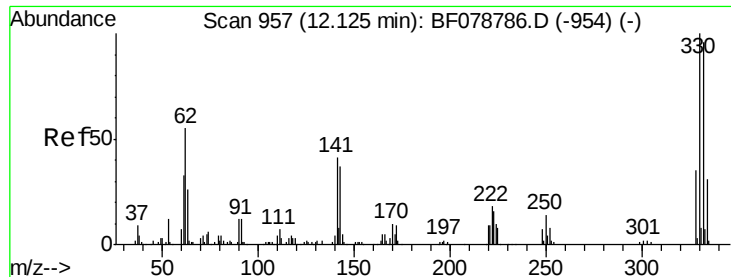
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF078791.D
Acq: 28 Apr 2015 23:17

Tgt Ion:164	Resp:	182721
Ion Ratio	Lower	Upper
164	100	
162	102.4	82.7 124.1
160	45.2	35.8 53.8



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

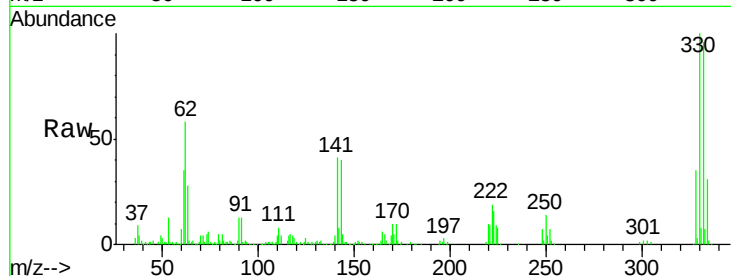




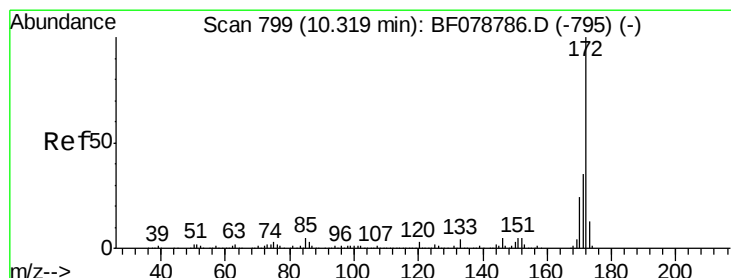
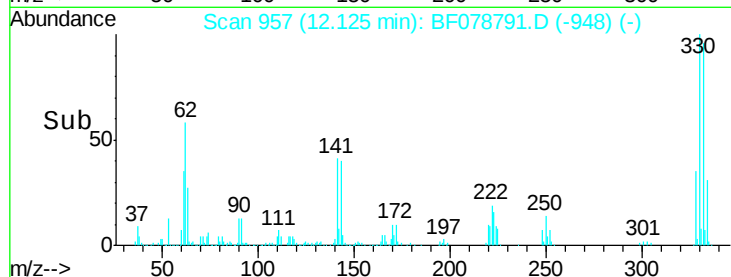
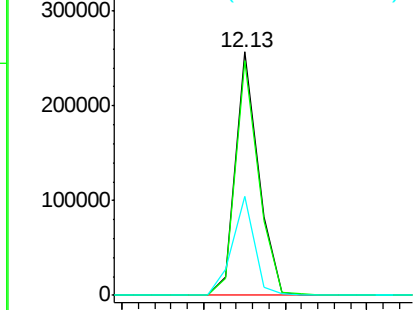
#41
 2,4,6-Tribromophenol
 Concen: 137.34 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078791.D
 Acq: 28 Apr 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-118-42315

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	39.9	0.0	0.0#

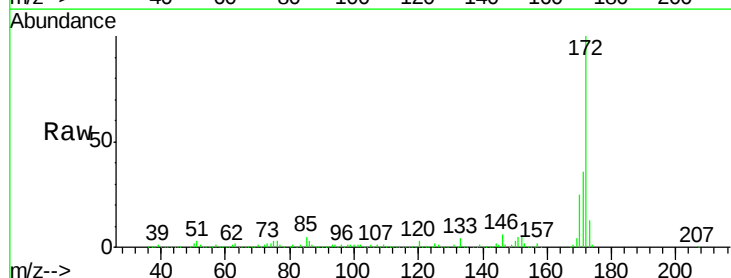


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

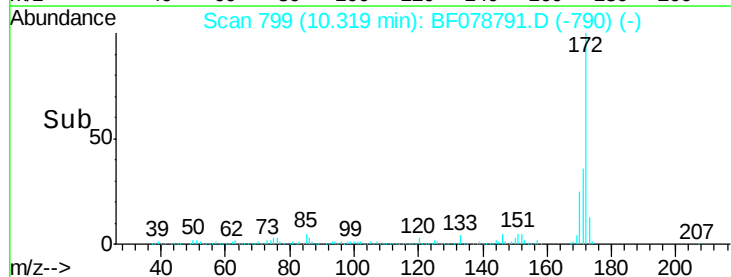
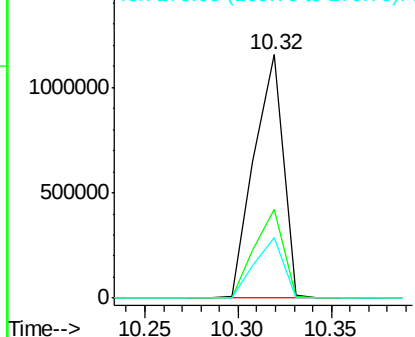


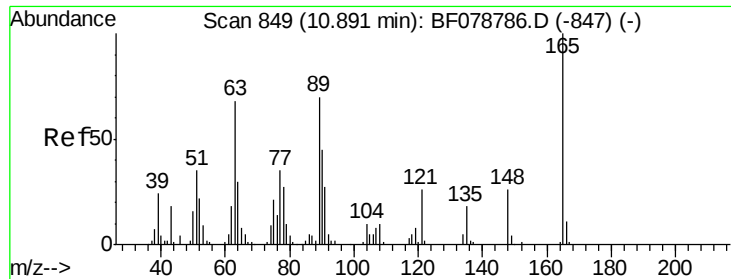
#44
 2-Fluorobiphenyl
 Concen: 93.93 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078791.D
 Acq: 28 Apr 2015 23:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.9	41.9
170	24.8	19.4	29.0



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

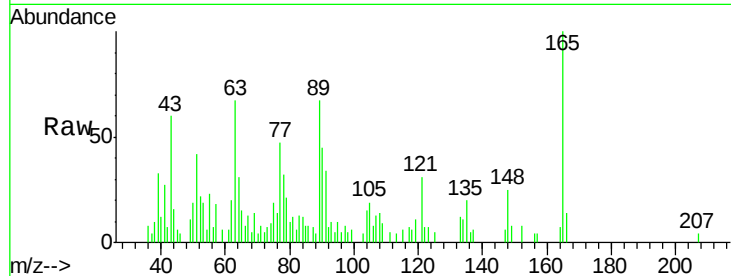




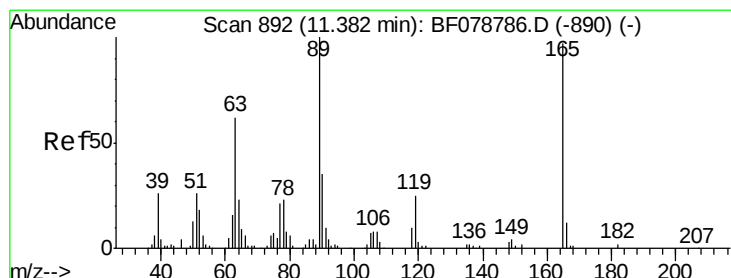
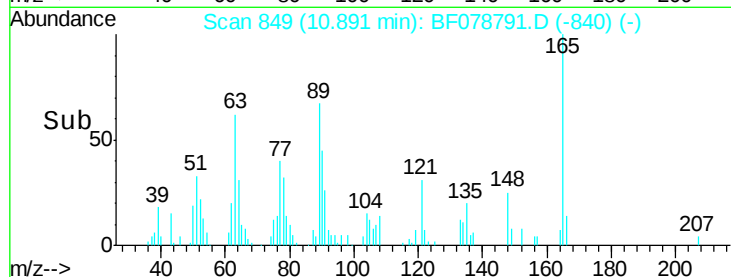
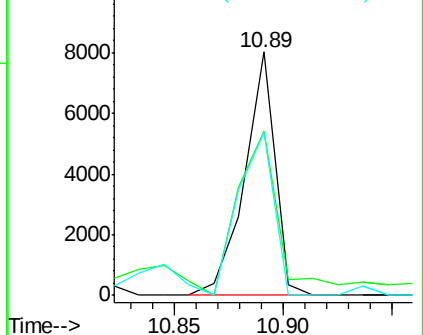
#50
 2,6-Dinitrotoluene
 Concen: 3.69 ng
 RT: 10.89 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF078791.D
 Acq: 28 Apr 2015 23:17

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-118-42315

Tot Ion:165 Resp: 7813
 Ion Ratio Lower Upper
 165 100
 63 67.3 54.4 81.6
 89 66.9 55.7 83.5

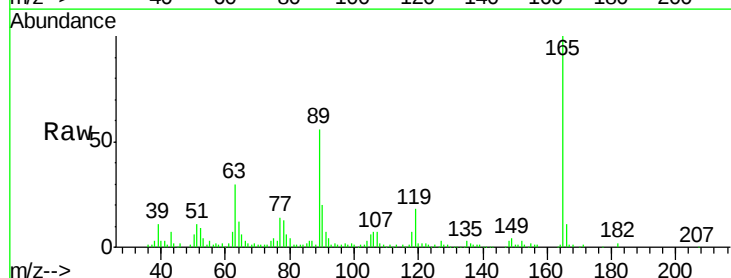


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

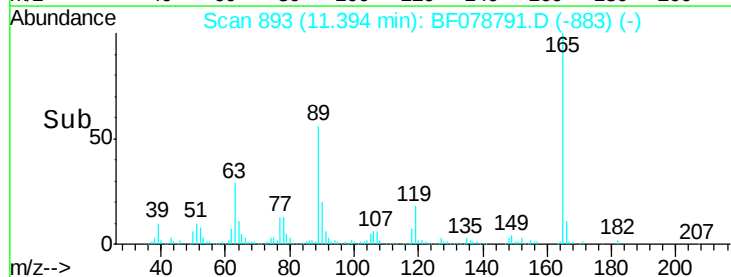
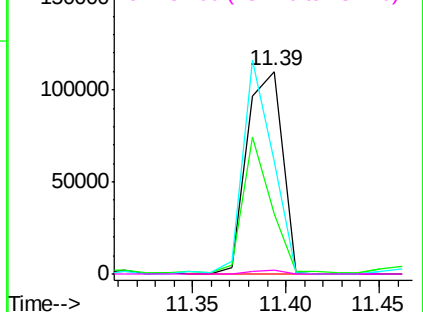


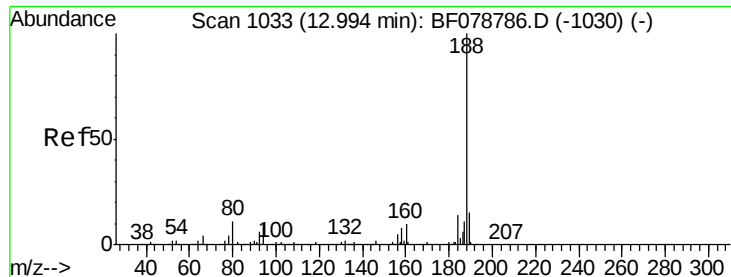
#56
 2,4-Dinitrotoluene
 Concen: 54.40 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BF078791.D
 Acq: 28 Apr 2015 23:17

Tgt Ion:165 Resp: 144454
 Ion Ratio Lower Upper
 165 100
 63 29.7 51.2 76.8#
 89 55.8 82.7 124.1#
 182 2.2 1.4 2.2#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

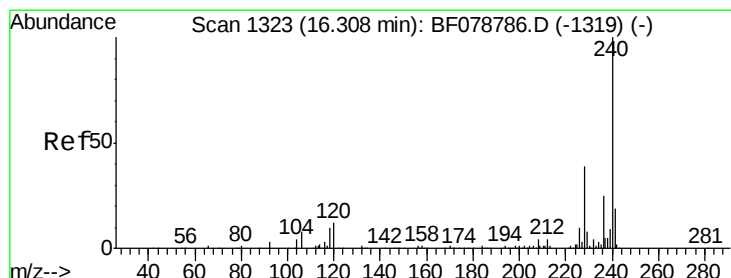
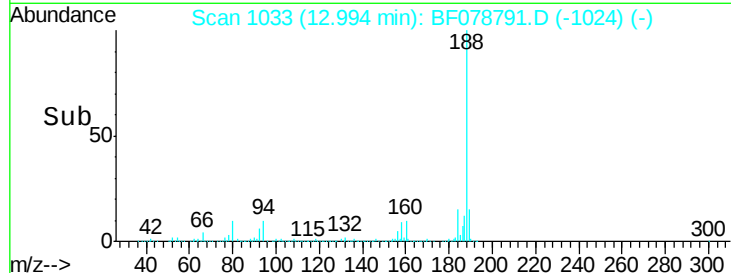
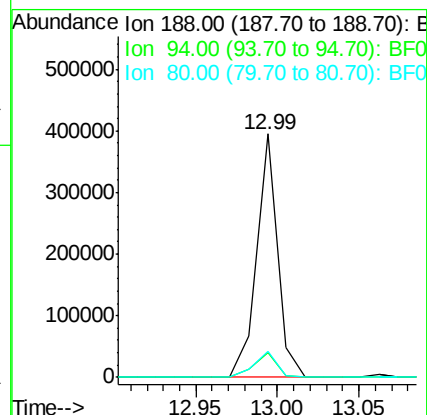
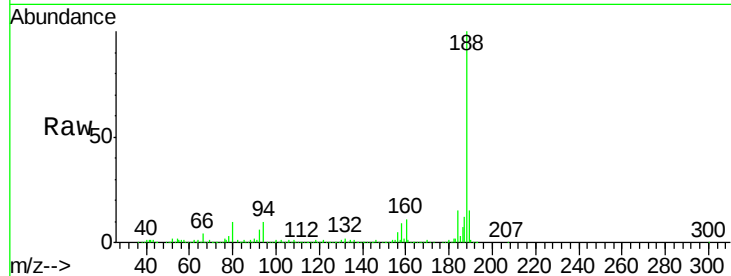




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.99 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF078791.D
Acq: 28 Apr 2015 23:17

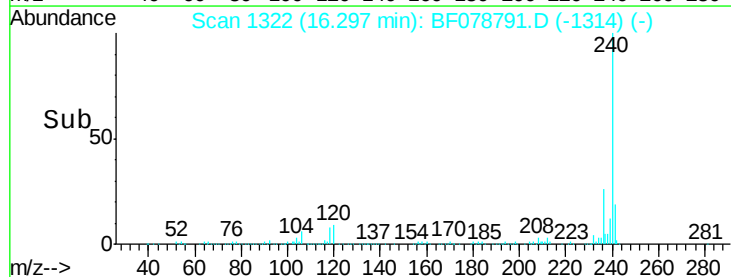
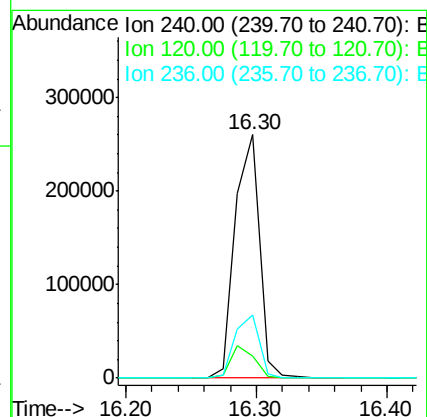
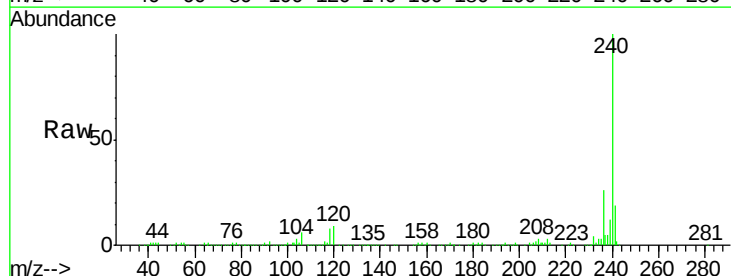
Instrument :
BNA_F
ClientSampleId :
DCW-WW-118-42315

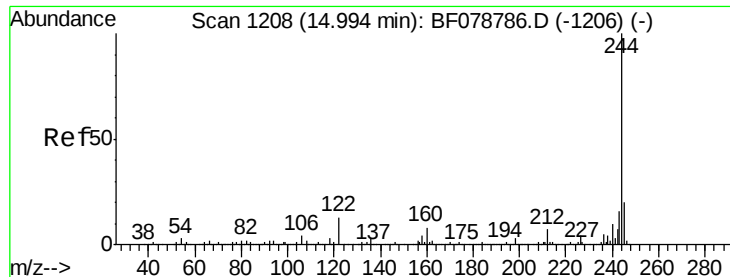
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	10.4	8.9	13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF078791.D
Acq: 28 Apr 2015 23:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.7	14.5#
236	26.0	20.2	30.4





#78

Terphenyl-d14

Concen: 89.96 ng

RT: 14.99 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF078791.D

Acq: 28 Apr 2015 23:17

Instrument :

BNA_F

ClientSampleId :

DCW-WW-118-42315

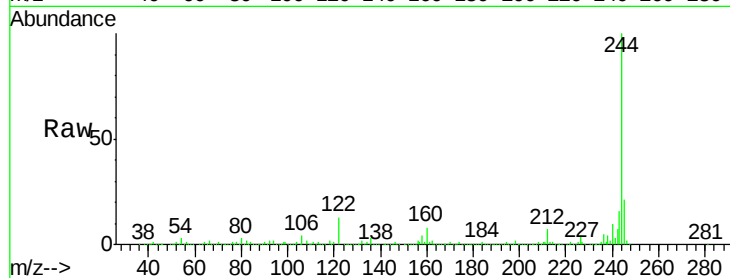
Tot Ion:244 Resp: 1276852

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

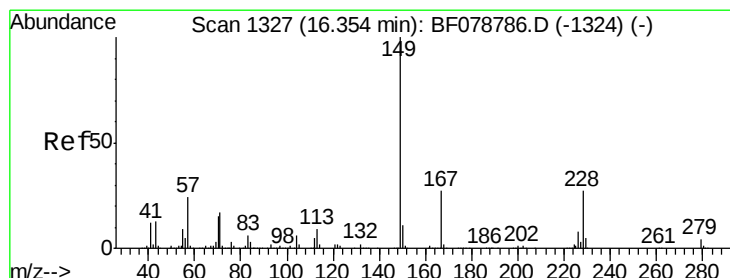
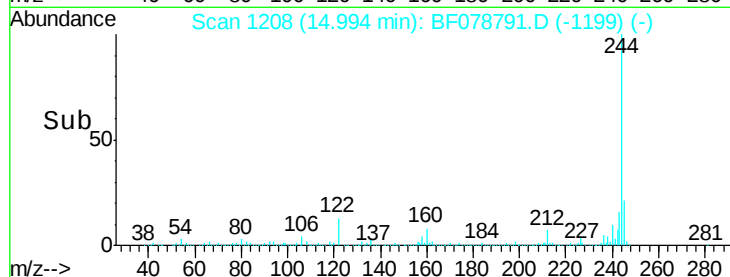
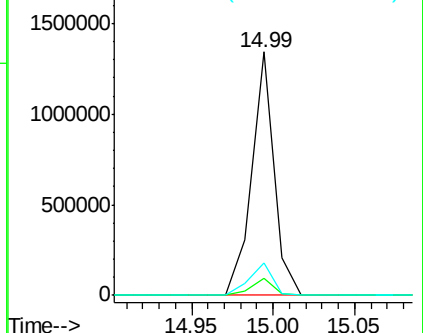
122 13.2 10.3 15.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.69 ng

RT: 16.33 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF078791.D

Acq: 28 Apr 2015 23:17

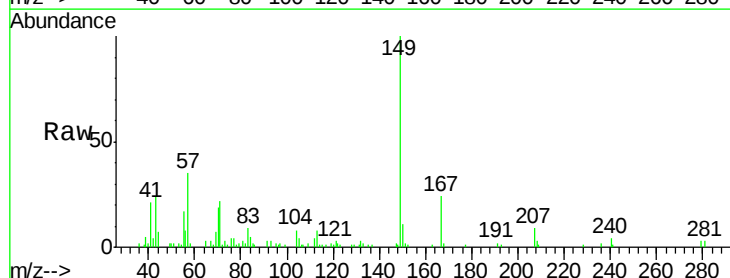
Tgt Ion:149 Resp: 32645

Ion Ratio Lower Upper

149 100

167 23.6 21.8 32.8

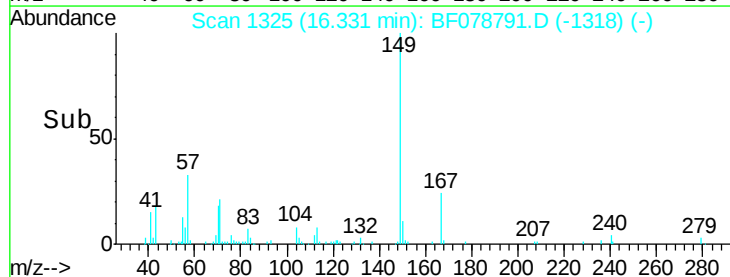
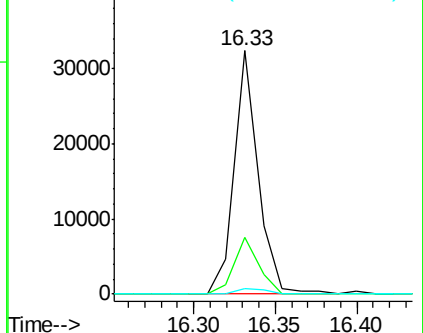
279 2.5 2.9 4.3#

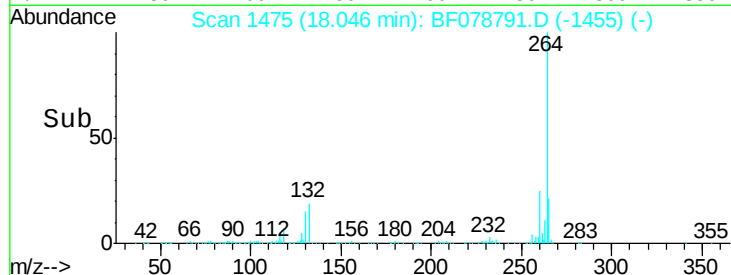
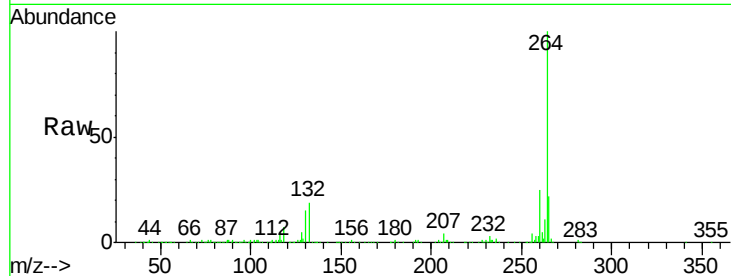
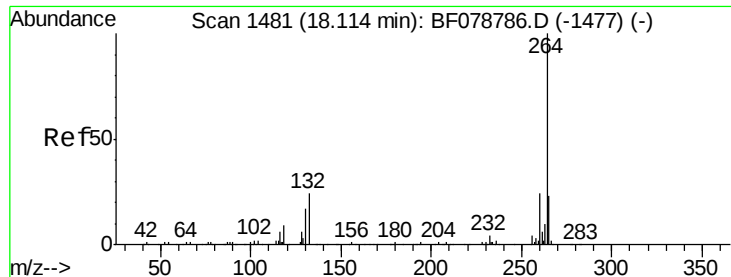


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.05 min Scan# 1475
Delta R.T. -0.07 min
Lab File: BF078791.D
Acq: 28 Apr 2015 23:17

Instrument :
BNA_F
ClientSampleId :
DCW-WW-118-42315

Tot Ion:	264	Resp:	324947
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.6	18.3	27.5

