

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040315\
 Data File : BF078243.D
 Acq On : 3 Apr 2015 15:49
 Operator : TP/IZ
 Sample : G1719-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

Quant Time: Apr 03 17:19:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 14:42:25 2015
 Response via : Initial Calibration

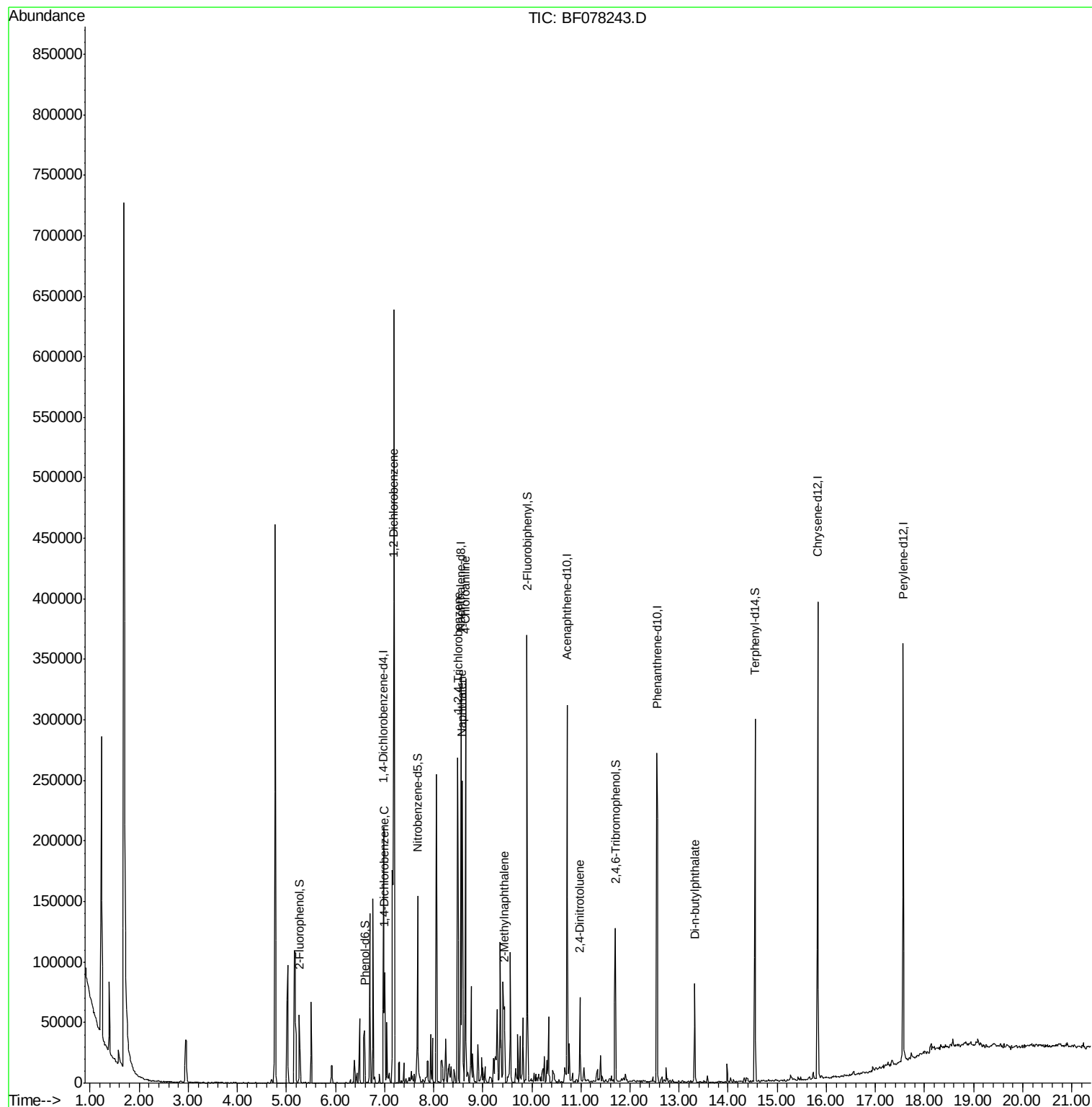
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	34720	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	145114	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	71892	20.00	ng	-0.01
63) Phenanthrene-d10	12.55	188	142040	20.00	ng	-0.01
75) Chrysene-d12	15.83	240	155248	20.00	ng	-0.01
86) Perylene-d12	17.56	264	152097	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	21451	10.19	ng	0.00
7) Phenol-d6	6.59	99	15425	5.84	ng	0.02
23) Nitrobenzene-d5	7.68	82	40322	16.84	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	17118	28.71	ng	-0.01
44) 2-Fluorobiphenyl	9.90	172	95177	18.92	ng	0.00
78) Terphenyl-d14	14.55	244	111092	16.17	ng	-0.01
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	7.00	146	25501	9.26	ng	98
14) 1,2-Dichlorobenzene	7.18	146	70734	27.40	ng	94
30) 1,2,4-Trichlorobenzene	8.49	180	56278	24.33	ng	# 97
31) Naphthalene	8.58	128	116785	15.46	ng	99
33) 4-Chloroaniline	8.65	127	93156	29.72	ng	98
37) 2-Methylnaphthalene	9.44	142	27470	5.36	ng	98
56) 2,4-Dinitrotoluene	10.98	165	10410	7.23	ng	# 55
73) Di-n-butylphthalate	13.32	149	53467	6.22	ng	99

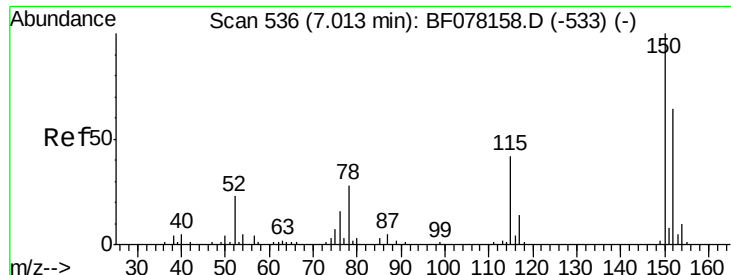
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040315\
Data File : BF078243.D
Acq On : 3 Apr 2015 15:49
Operator : TP/IZ
Sample : G1719-01DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-WW-102-33015DL

Quant Time: Apr 03 17:19:19 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 14:42:25 2015
Response via : Initial Calibration



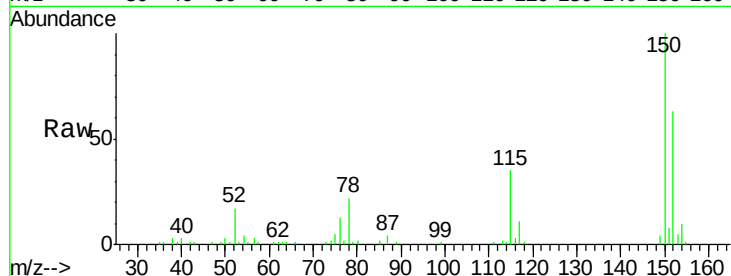


#1

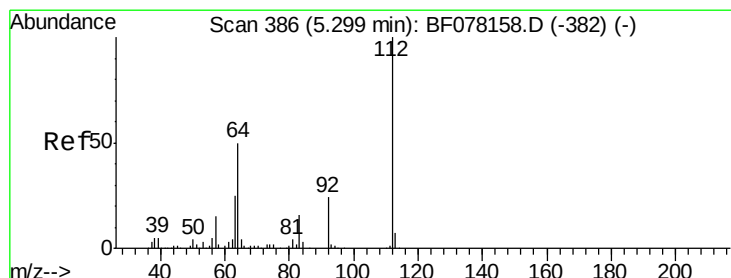
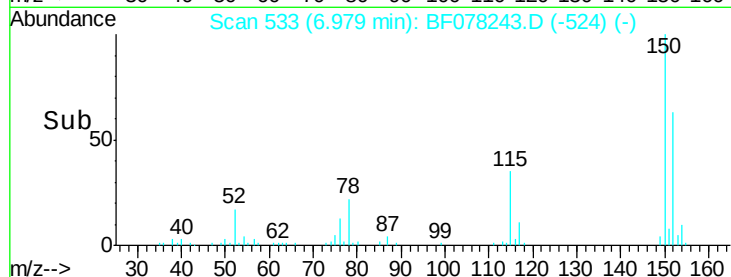
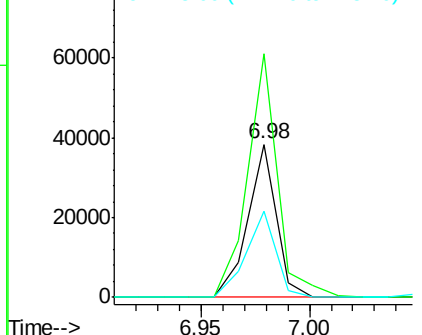
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078243.D
Acq: 3 Apr 2015 15:49

Instrument :
BNA_F
ClientSampleId :
DCW-WW-102-33015DL

Tot Ion:152 Resp: 34720
Ion Ratio Lower Upper
152 100
150 159.0 125.9 188.9
115 56.2 52.7 79.1



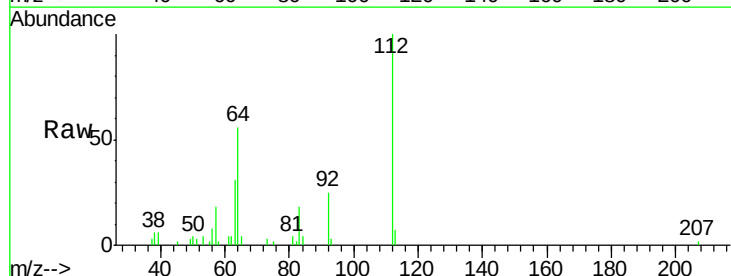
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



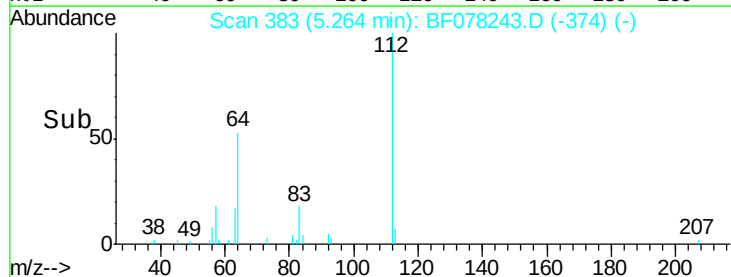
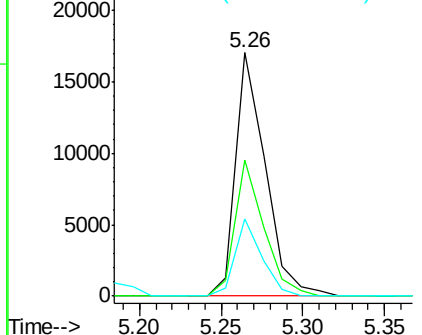
#5

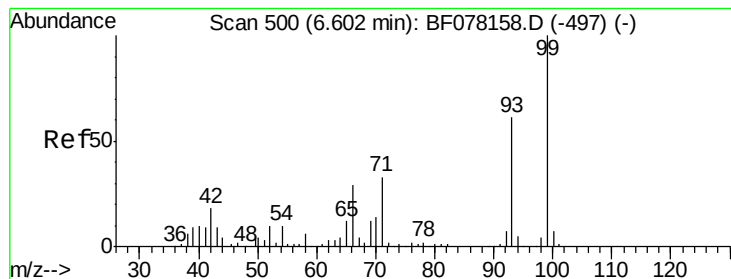
2-Fluorophenol
Concen: 10.19 ng
RT: 5.26 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF078243.D
Acq: 3 Apr 2015 15:49

Tgt Ion:112 Resp: 21451
Ion Ratio Lower Upper
112 100
64 55.8 39.9 59.9
63 31.5 20.2 30.4#



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: 5.84 ng

RT: 6.59 min Scan# 499

Delta R.T. 0.02 min

Lab File: BF078243.D

Acq: 3 Apr 2015 15:49

Instrument :

BNA_F

ClientSampleId :

DCW-WW-102-33015DL

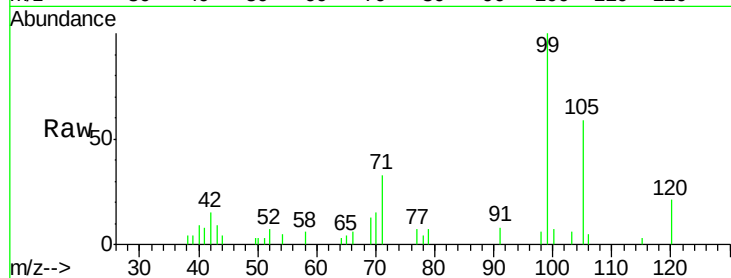
Tot Ion: 99 Resp: 15425

Ion Ratio Lower Upper

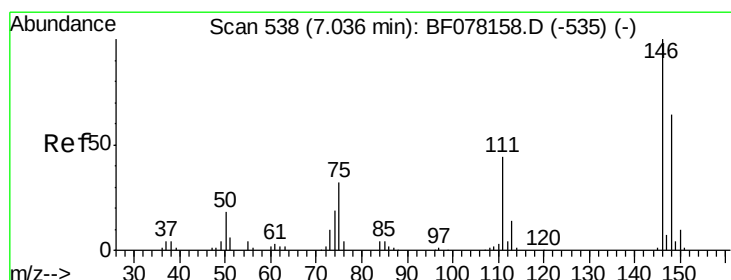
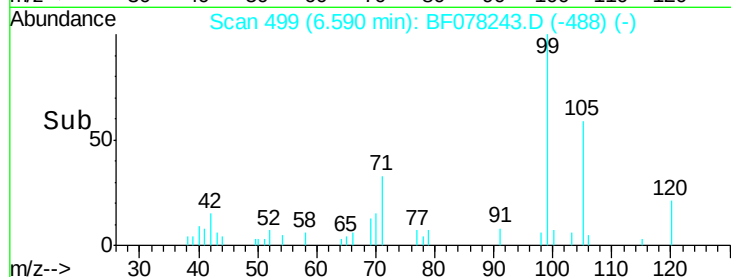
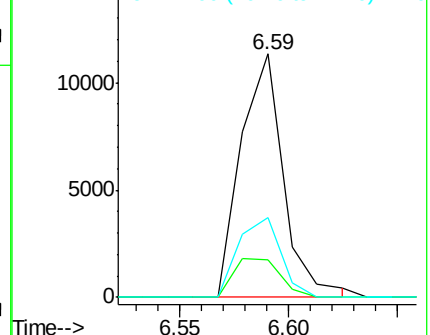
99 100

42 15.2 14.8 22.2

71 32.7 26.6 39.8



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: 9.26 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF078243.D

Acq: 3 Apr 2015 15:49

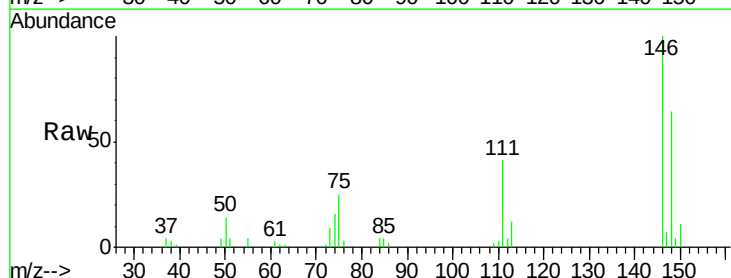
Tgt Ion: 146 Resp: 25501

Ion Ratio Lower Upper

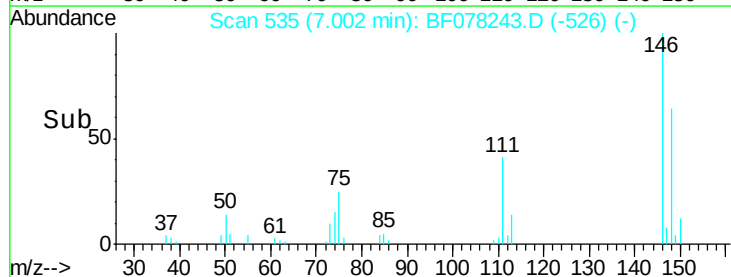
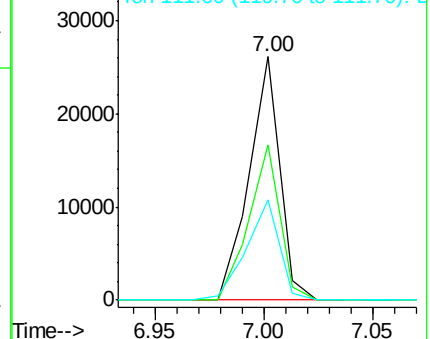
146 100

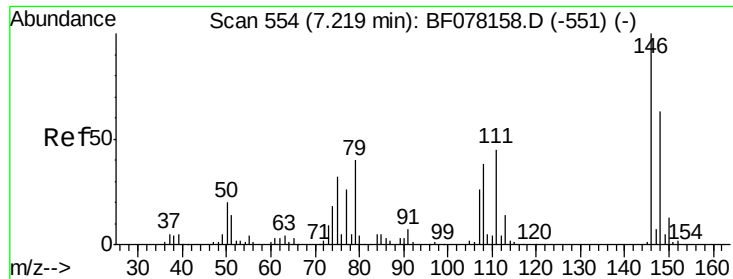
148 64.0 51.4 77.0

111 41.1 35.0 52.4



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

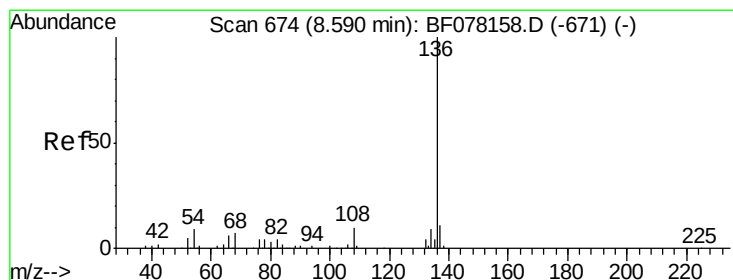
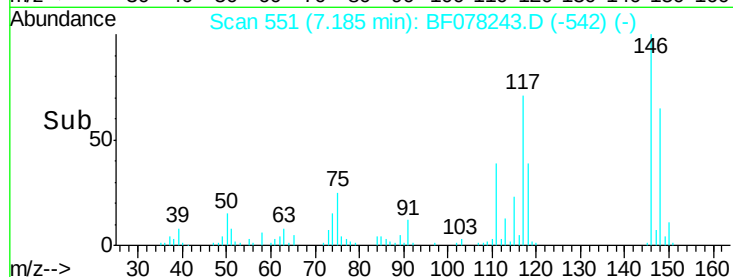
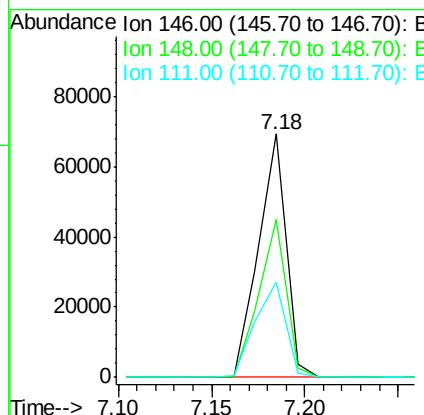
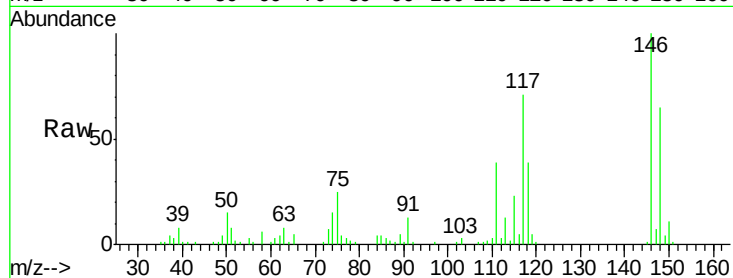




#14
 1,2-Dichlorobenzene
 Concen: 27.40 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

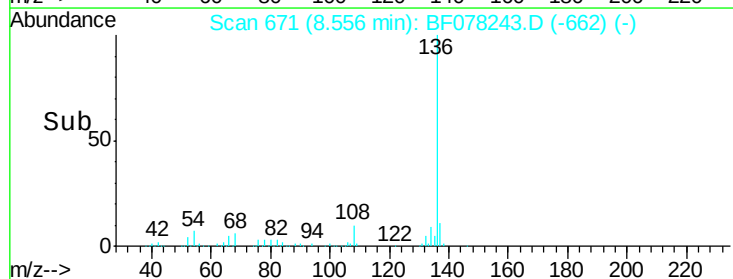
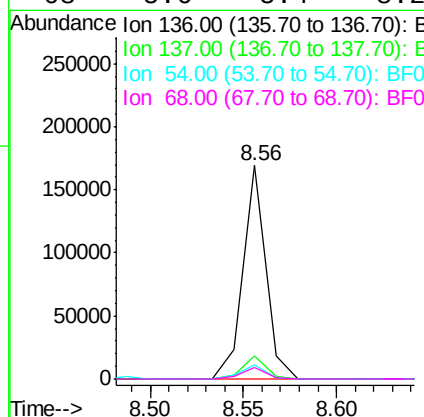
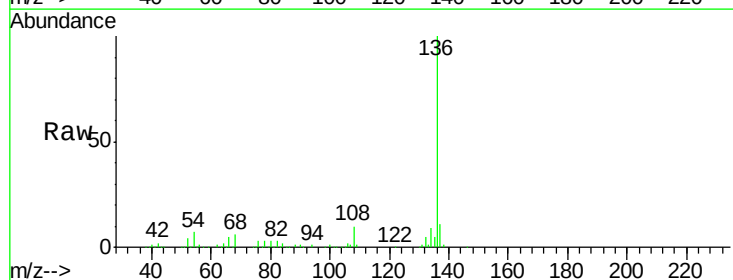
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

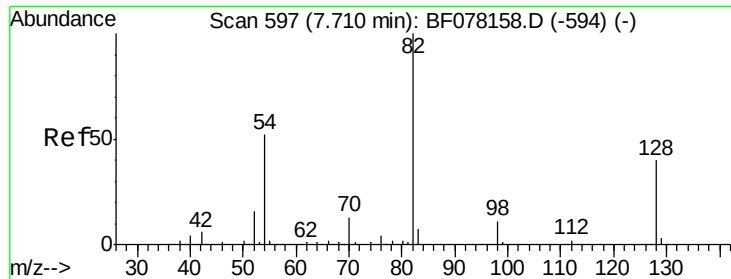
Tot Ion:146 Resp: 70734
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.2 75.4
 111 38.9 36.1 54.1



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.56 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

Tgt Ion:136 Resp: 145114
 Ion Ratio Lower Upper
 136 100
 137 10.9 9.0 13.4
 54 6.8 7.0 10.6#
 68 5.6 5.4 8.2

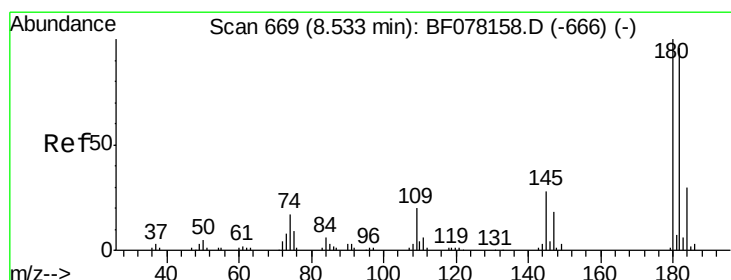
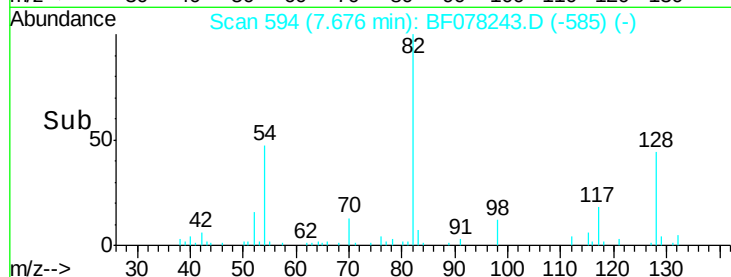
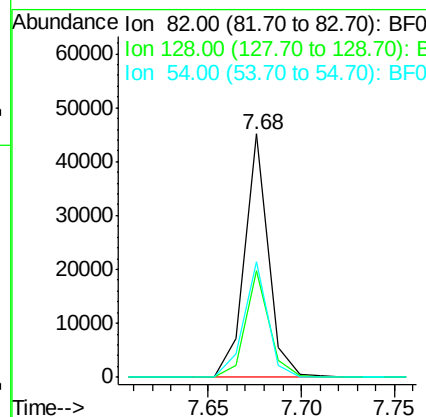
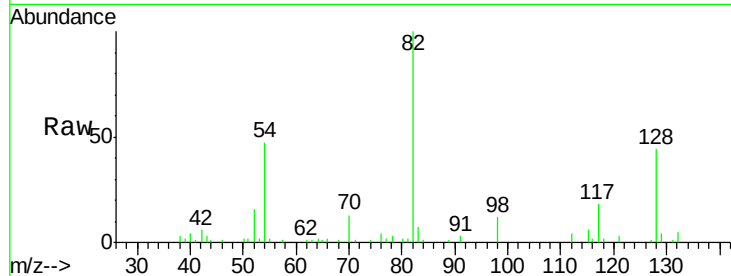




#23
 Nitrobenzene-d5
 Concen: 16.84 ng
 RT: 7.68 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

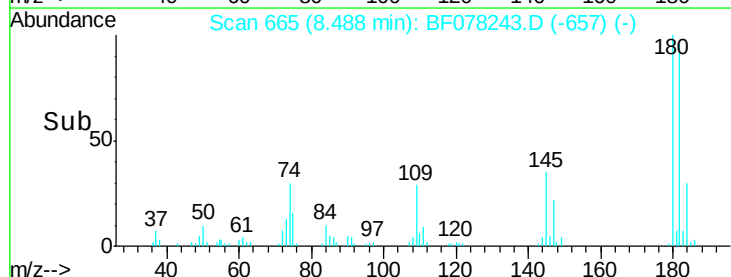
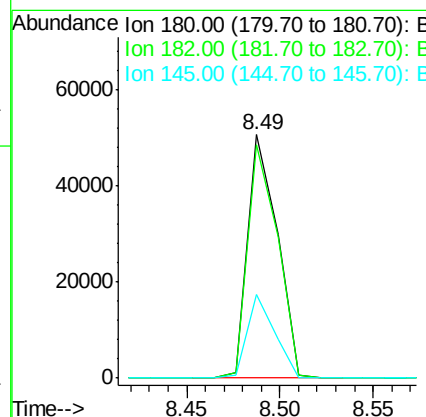
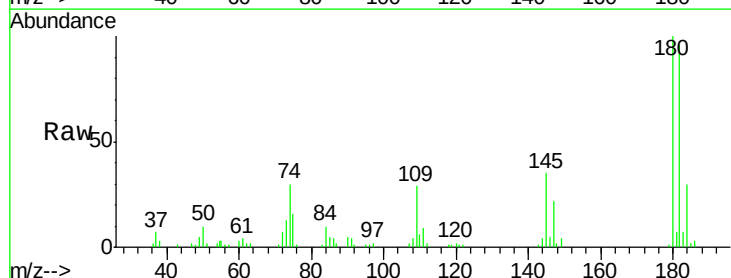
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

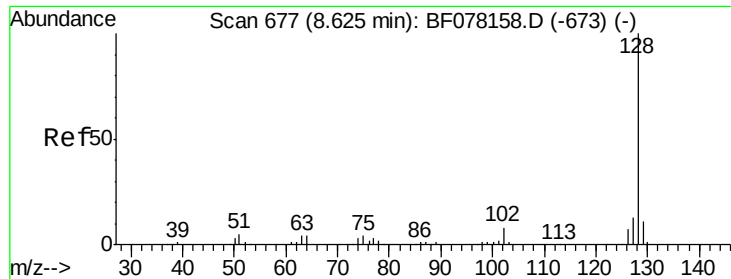
Tot Ion	82	Resp	40322
Ion Ratio	Lower	Upper	
82	100		
128	43.7	31.8	47.8
54	47.5	41.5	62.3



#30
 1,2,4-Trichlorobenzene
 Concen: 24.33 ng
 RT: 8.49 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

Tgt Ion	180	Resp	56278
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.9	115.3
145	34.6	22.5	33.7#





#31

Naphthalene

Concen: 15.46 ng

RT: 8.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF078243.D

Acq: 3 Apr 2015 15:49

Instrument :

BNA_F

ClientSampleId :

DCW-WW-102-33015DL

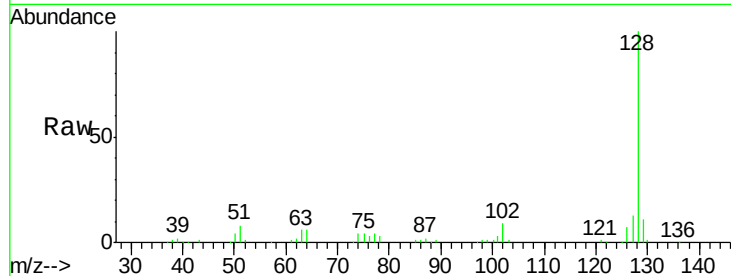
Tot Ion:128 Resp: 116785

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

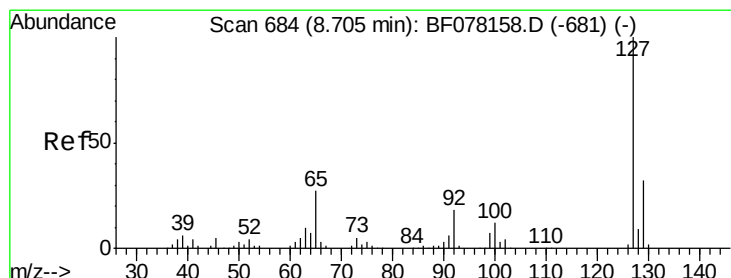
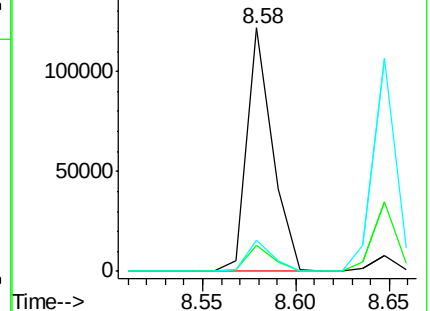
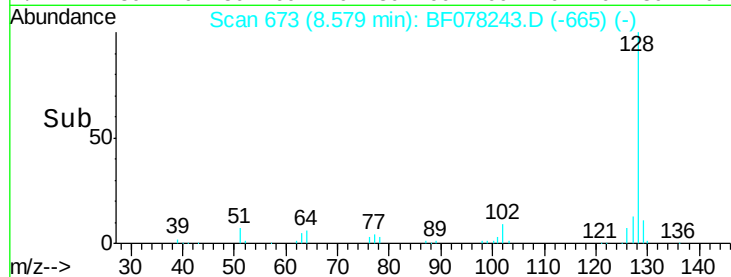
127 13.0 10.7 16.1



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: 29.72 ng

RT: 8.65 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF078243.D

Acq: 3 Apr 2015 15:49

Tgt Ion:127 Resp: 93156

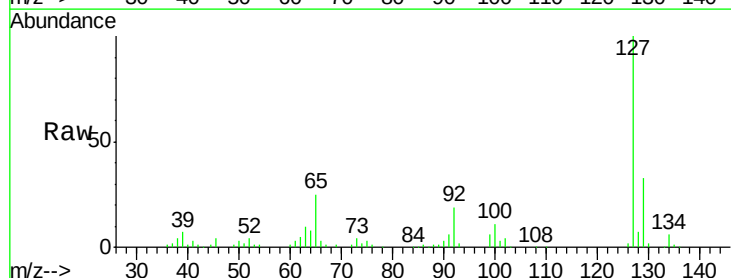
Ion Ratio Lower Upper

127 100

129 32.7 25.5 38.3

65 24.9 21.7 32.5

92 18.6 14.6 21.8

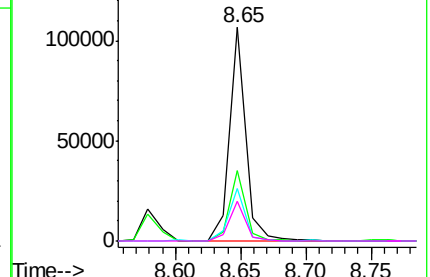
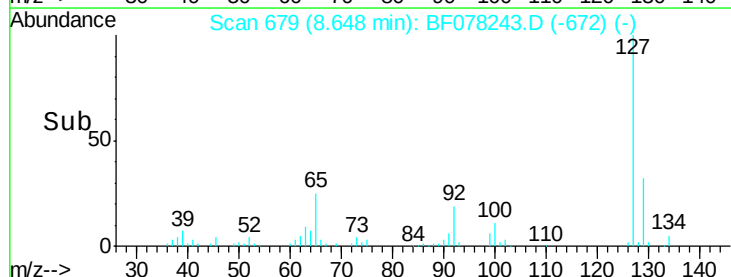


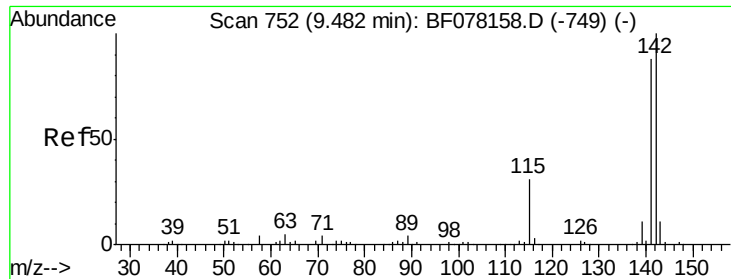
Abundance Ion 127.00 (126.70 to 127.70): E

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

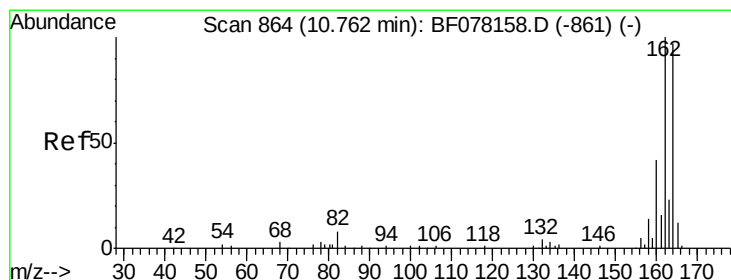
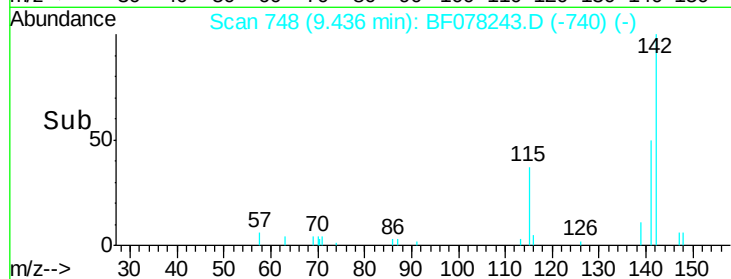
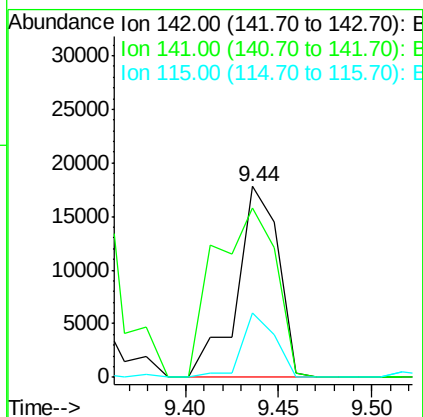
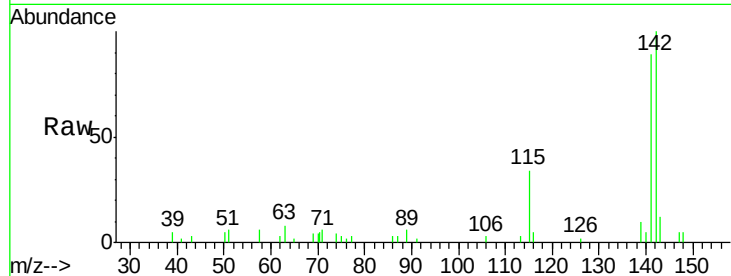




#37
 2-Methylnaphthalene
 Concen: 5.36 ng
 RT: 9.44 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

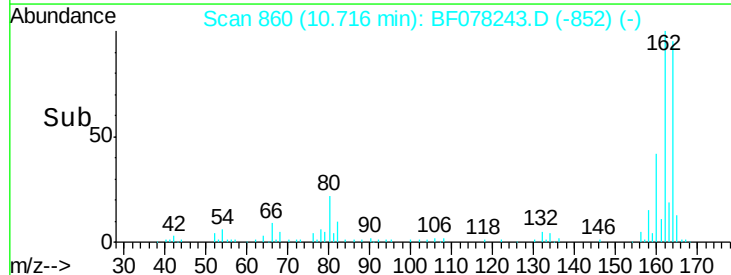
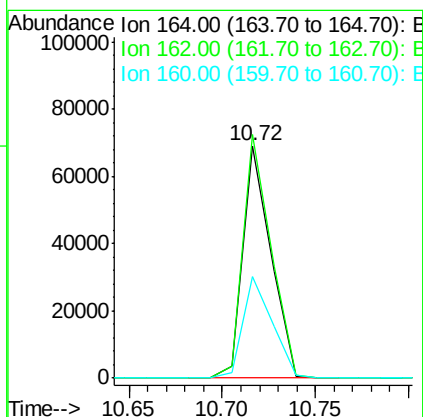
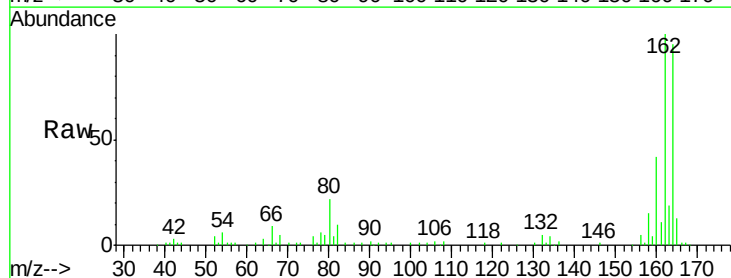
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

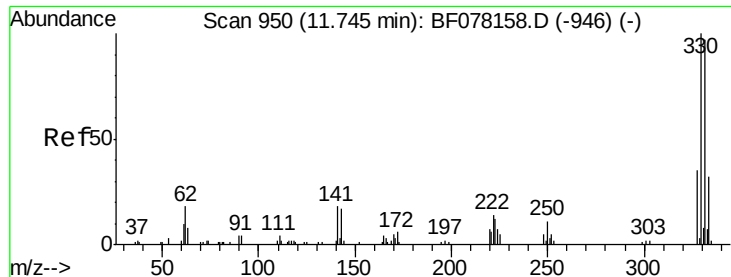
Tot Ion:142 Resp: 27470
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.3 105.5
 115 34.1 24.6 37.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

Tgt Ion:164 Resp: 71892
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.2 123.2
 160 43.8 34.7 52.1

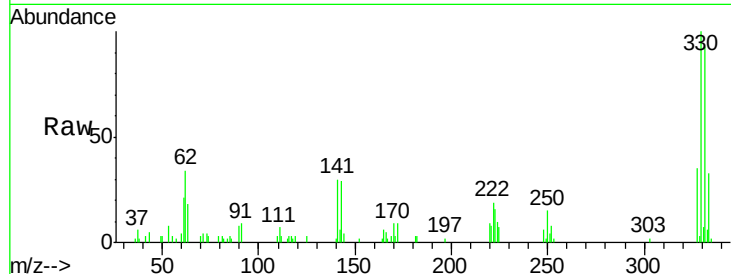




#41
 2,4,6-Tribromophenol
 Concen: 28.71 ng
 RT: 11.70 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.9	78.6	117.8
141	39.4	31.2	46.8

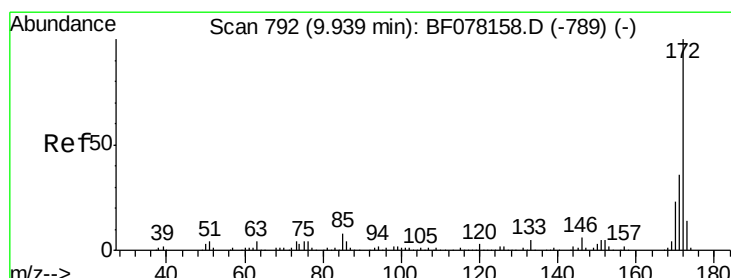
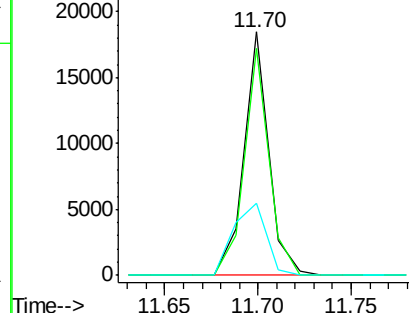
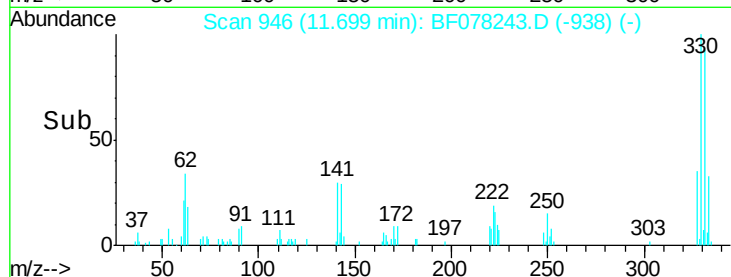


Abundance

Ion 329.80 (329.50 to 330.50): E

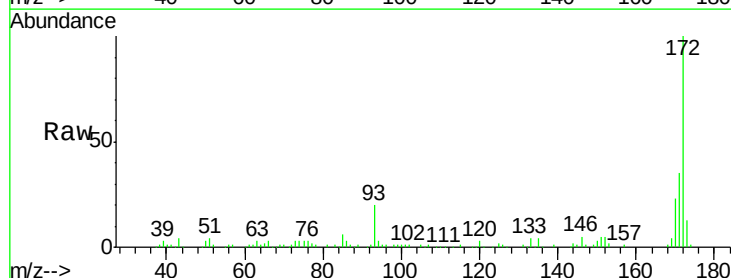
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 18.92 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.2	18.5	27.7

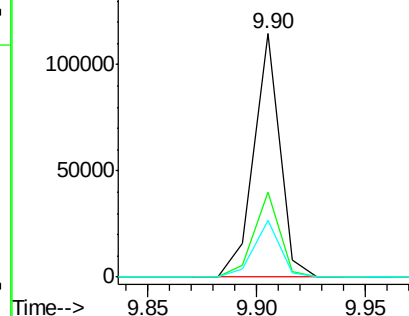
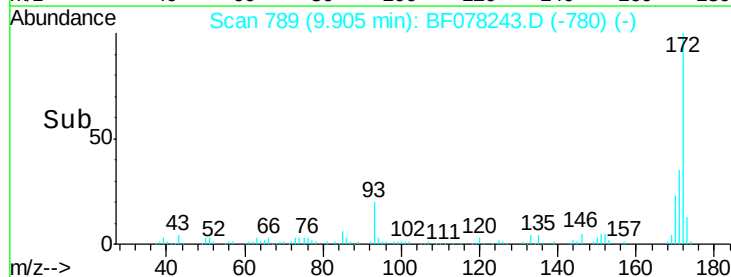


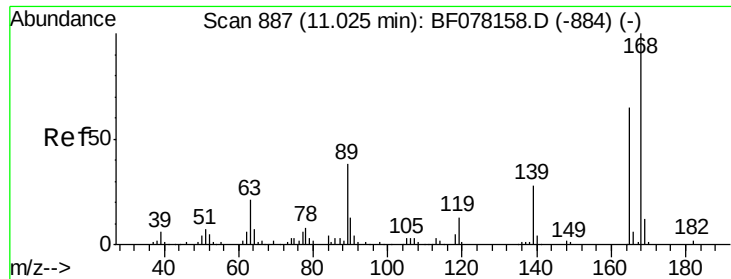
Abundance

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

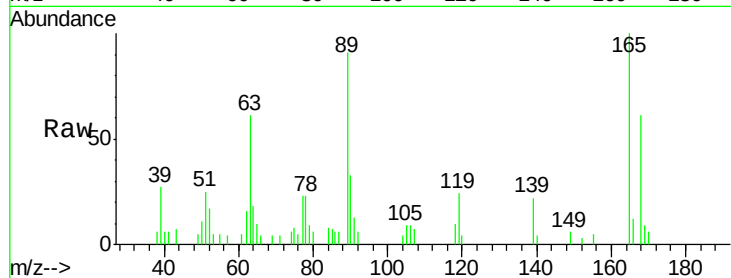




#56
 2,4-Dinitrotoluene
 Concen: 7.23 ng
 RT: 10.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.1	26.5	39.7#
89	90.6	46.4	69.6#
182	0.0	2.0	3.0#

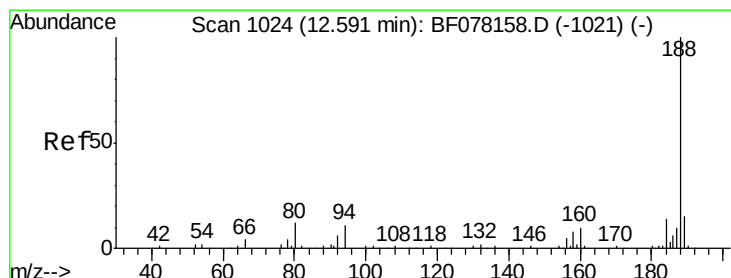
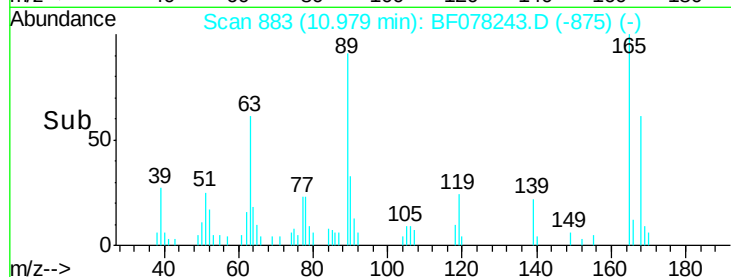
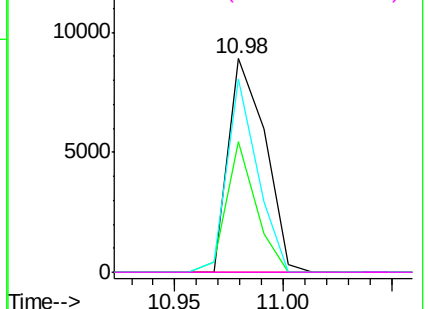


Abundance Ion 165.00 (164.70 to 165.70): E

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



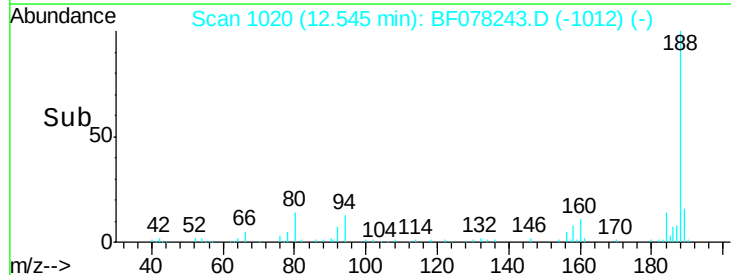
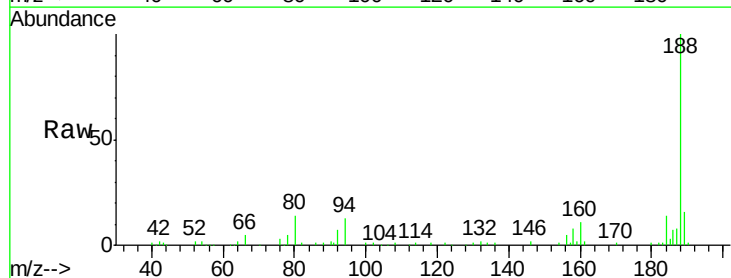
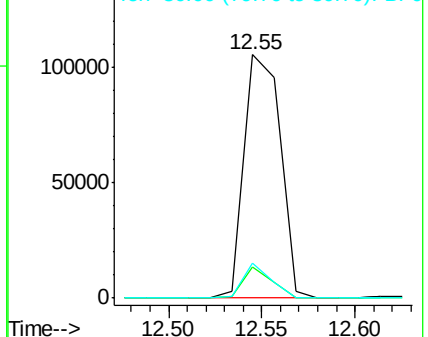
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

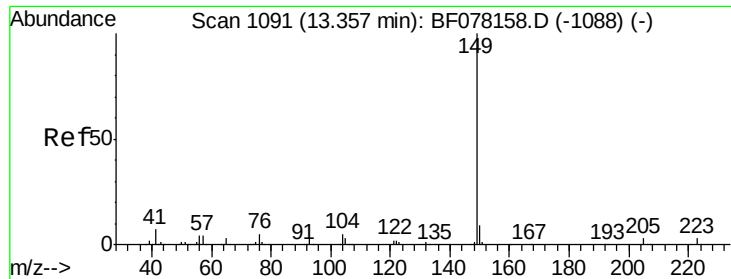
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.0	13.4
80	14.4	9.5	14.3#

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

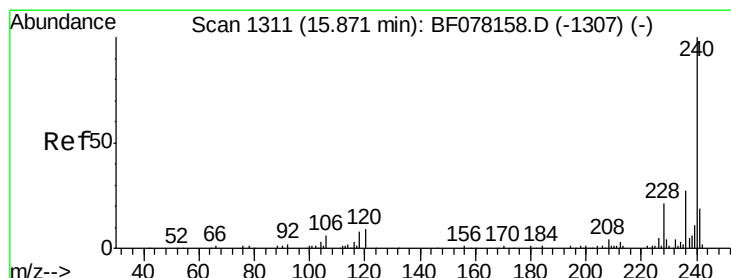
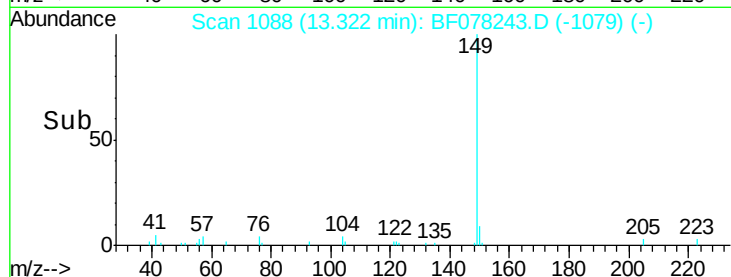
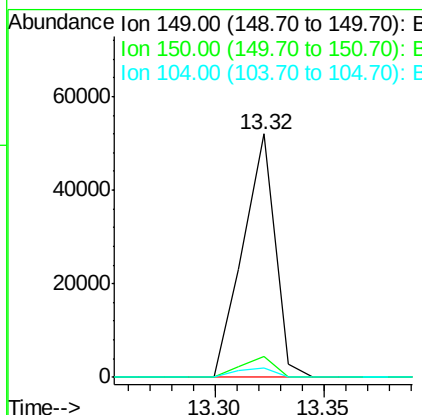
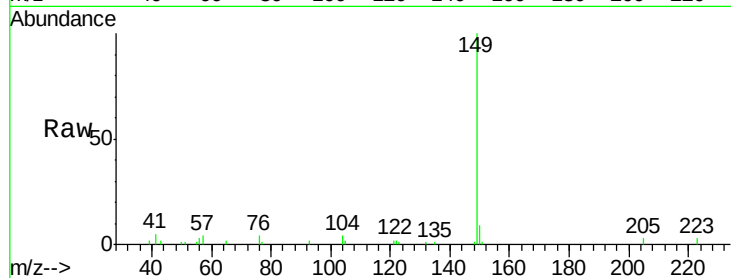




#73
Di-n-butylphthalate
Concen: 6.22 ng
RT: 13.32 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF078243.D
Acq: 3 Apr 2015 15:49

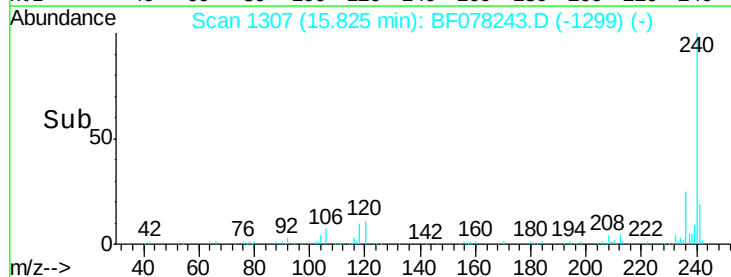
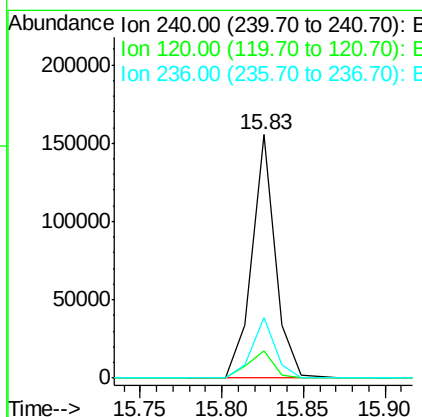
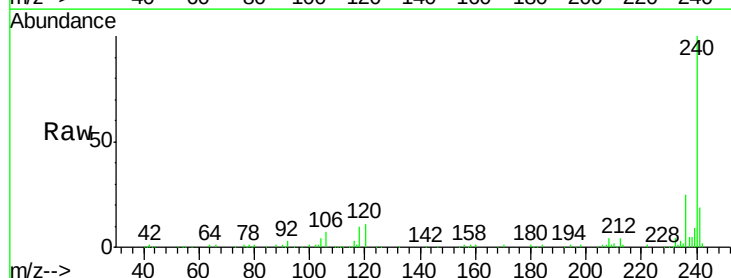
Instrument :
BNA_F
ClientSampleId :
DCW-WW-102-33015DL

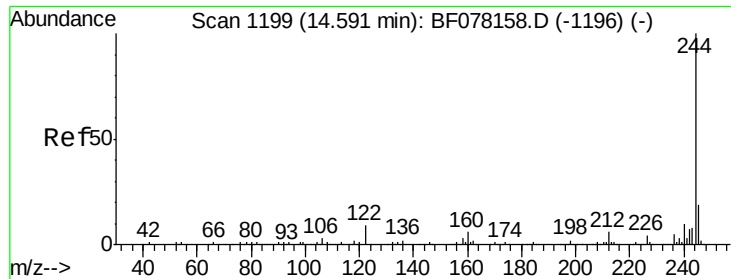
Tot Ion:149 Resp: 53467
Ion Ratio Lower Upper
149 100
150 8.7 7.1 10.7
104 4.1 3.8 5.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF078243.D
Acq: 3 Apr 2015 15:49

Tgt Ion:240 Resp: 155248
Ion Ratio Lower Upper
240 100
120 11.1 7.1 10.7#
236 25.1 21.4 32.2

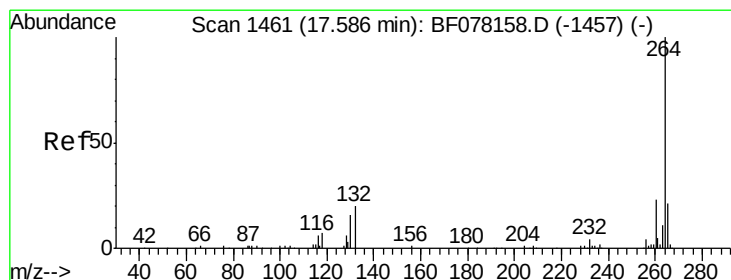
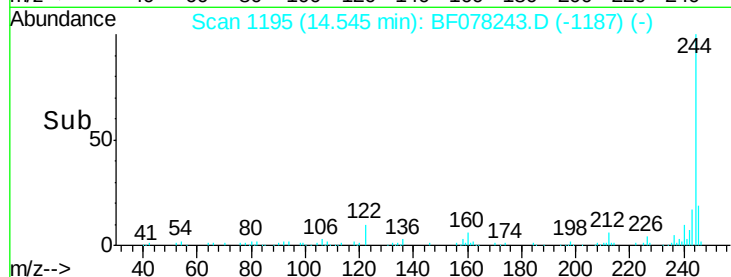
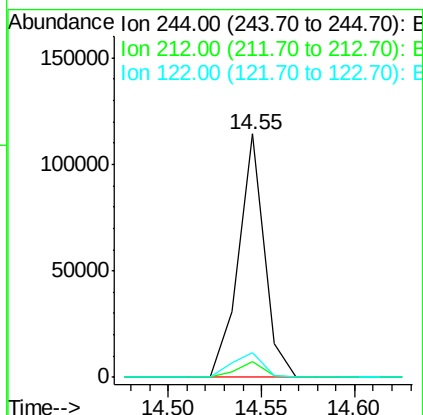
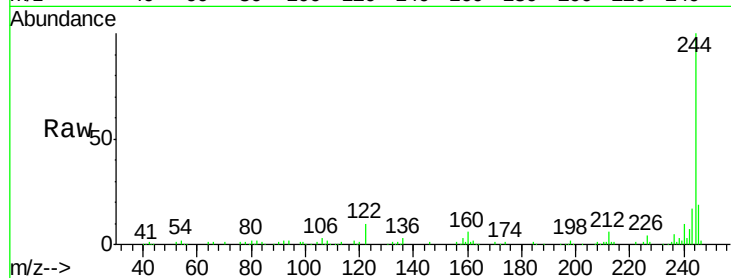




#78
 Terphenyl-d14
 Concen: 16.17 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	10.3	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.2	17.0	25.6

