

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 17:17:24 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

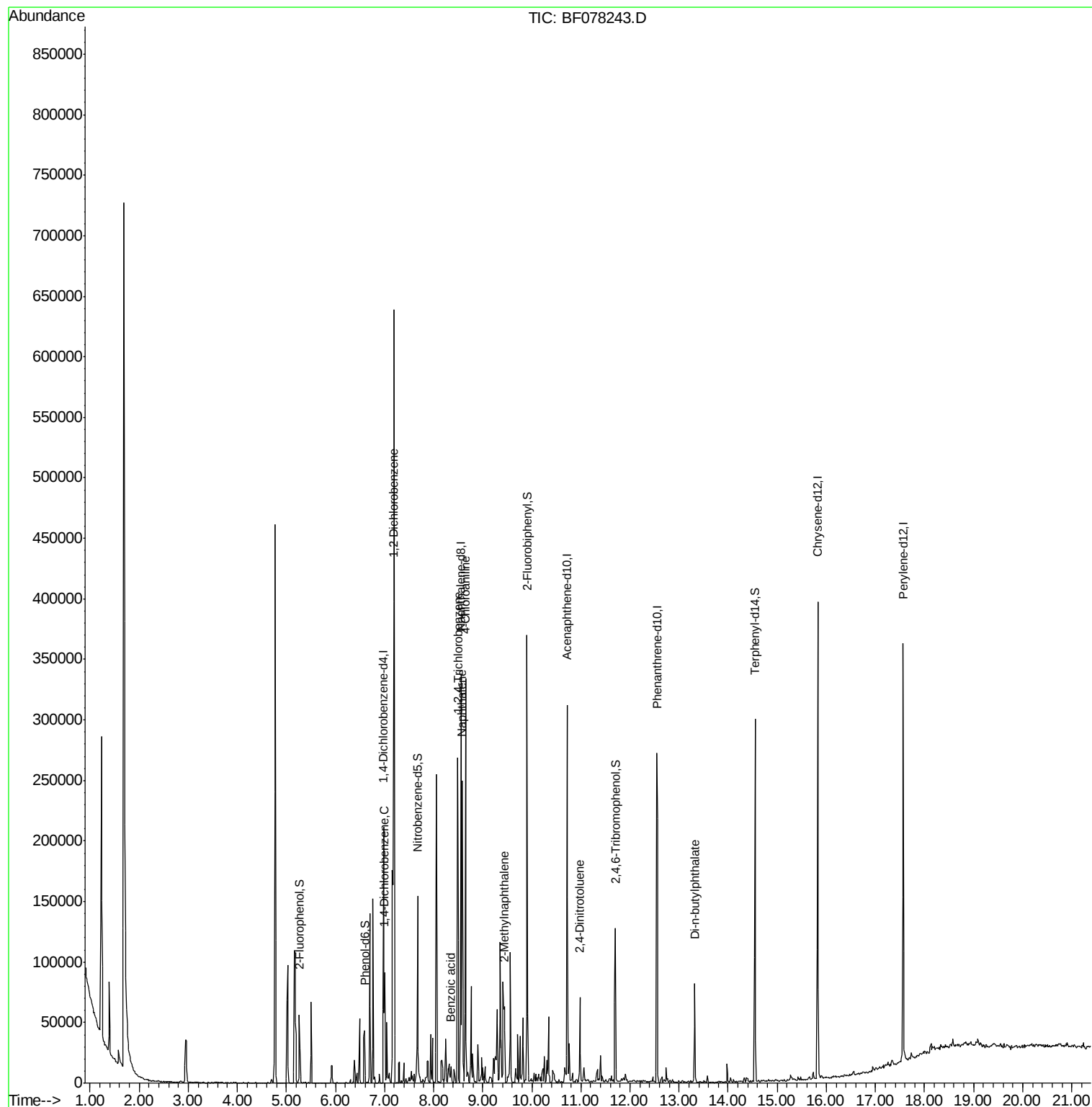
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) 1,4-Dichlorobenzene	7.00	146	25501	9.26	ng	98
14) 1,2-Dichlorobenzene	7.18	146	70734	27.40	ng	94
30) 1,2,4-Trichlorobenzene	8.49	180	56278	24.33	ng	# 97
31) Naphthalene	8.58	128	116785	15.46	ng	99
32) Benzoic acid	8.35	122	3133	8.43	ng	# 18
33) 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

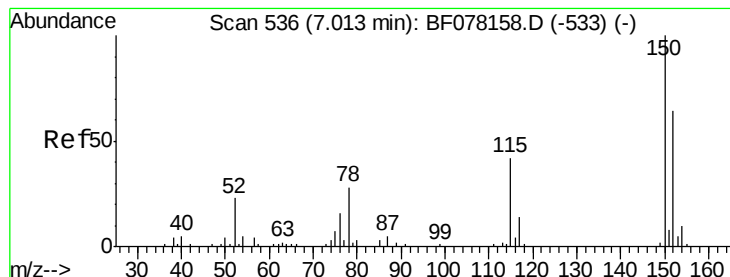
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 5 Sample Multiplier: 1

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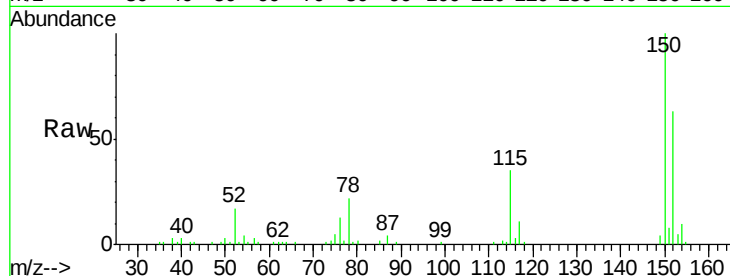


#1

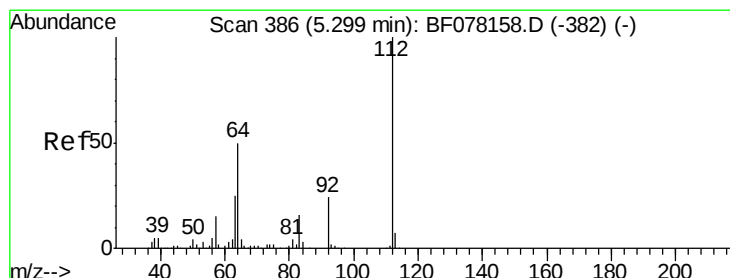
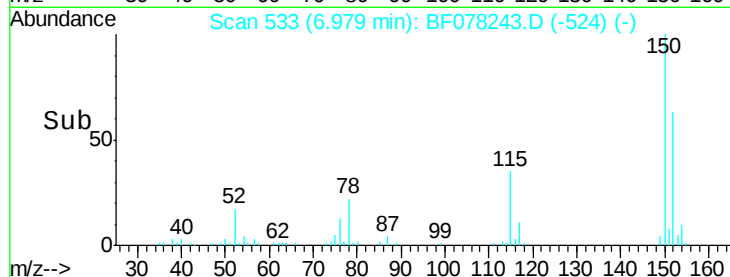
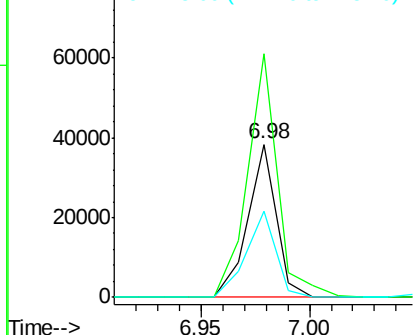
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078243.D
Acq: 3 Apr 2015 15:49

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



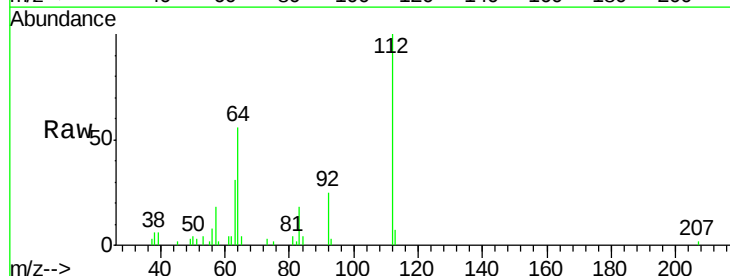
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



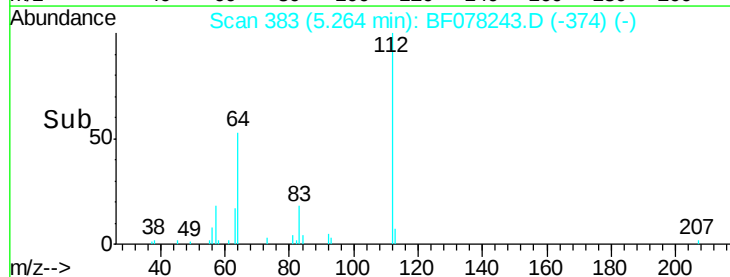
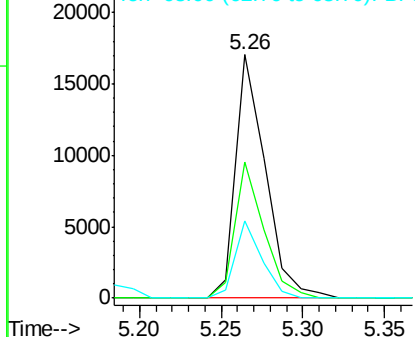
#5

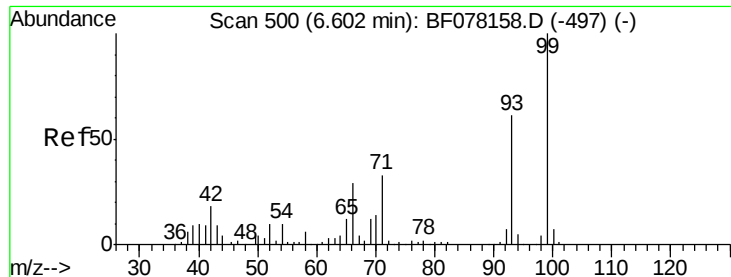
2-Fluorophenol
Concen: 10.19 ng
RT: 5.26 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF078243.D
Acq: 3 Apr 2015 15:49

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

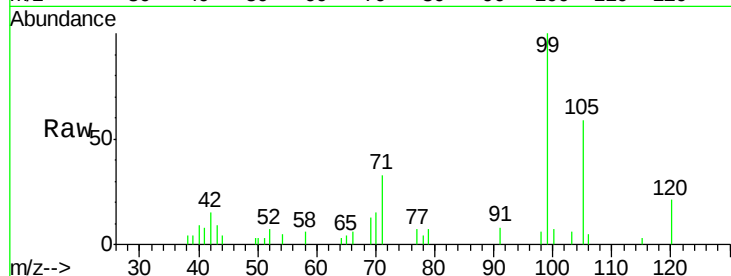
Tot Ion: 99 Resp: 15425

Ion Ratio Lower Upper

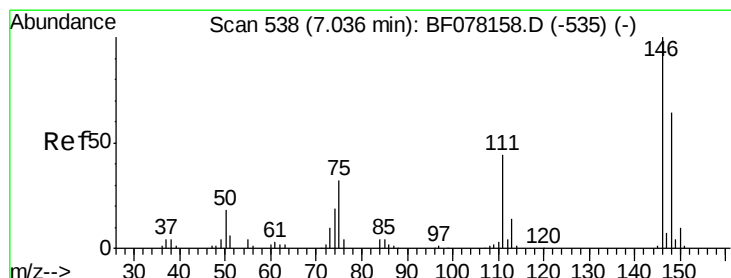
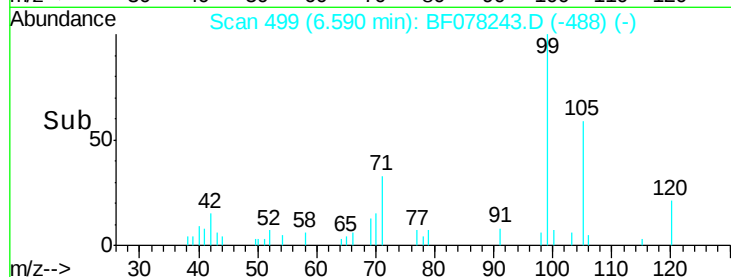
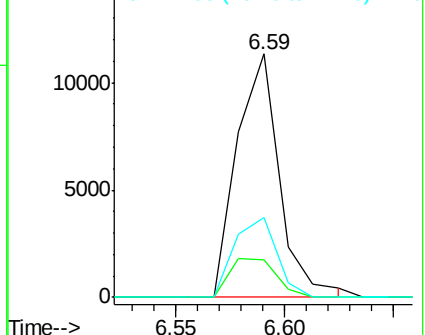
99 100

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

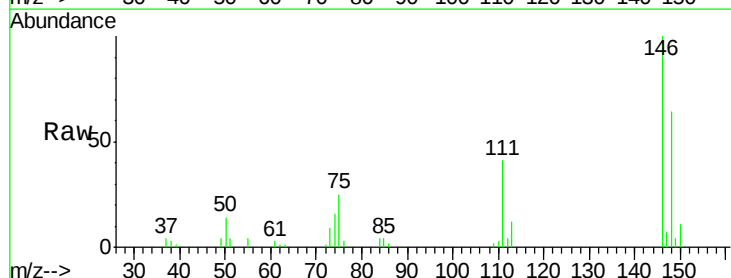
Tgt Ion: 146 Resp: 25501

Ion Ratio Lower Upper

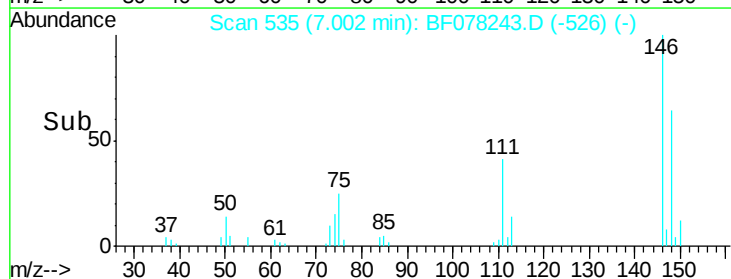
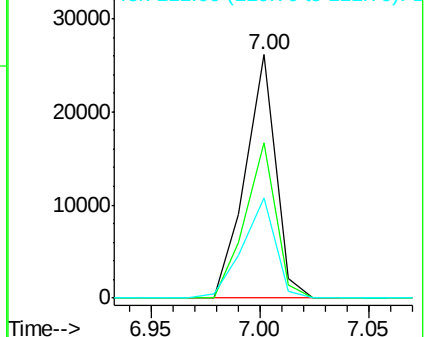
146 100

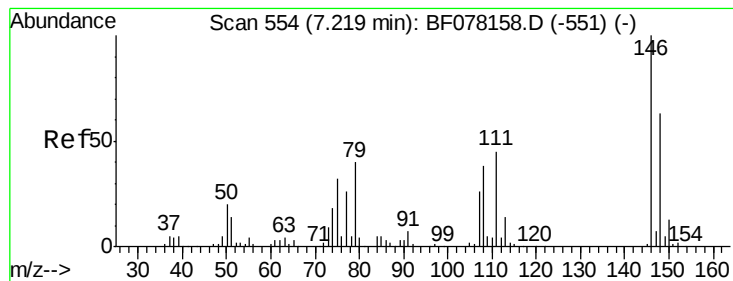
148 64.0 51.4 77.0

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

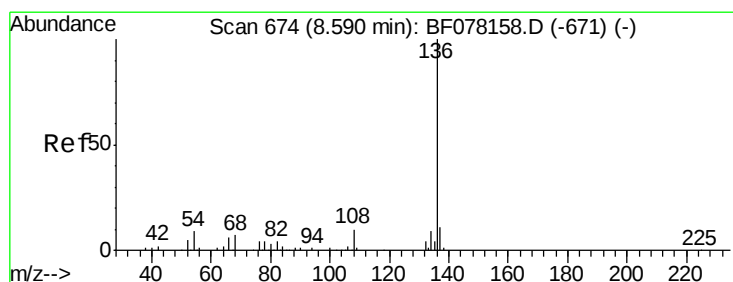
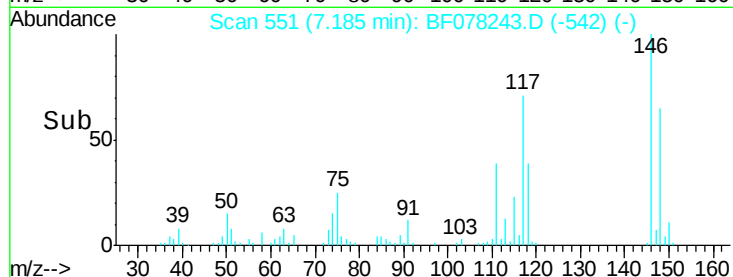
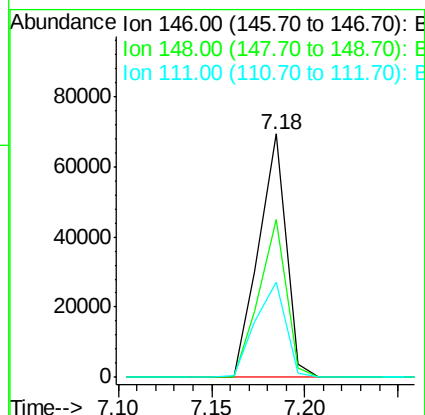
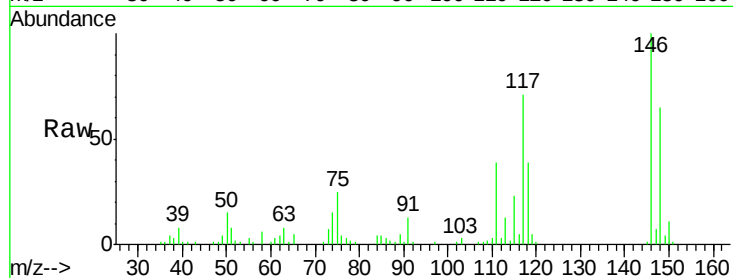




#14
 1,2-Dichlorobenzene
 Concen: 27.40 ng
 RT: 7.18 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

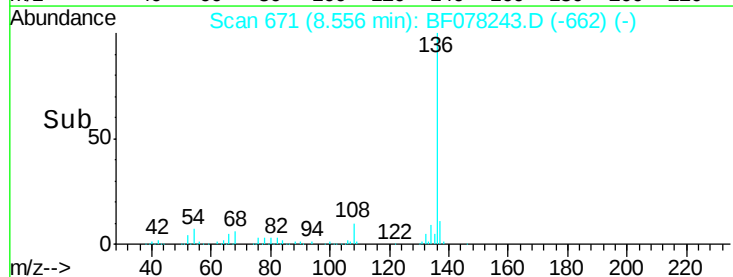
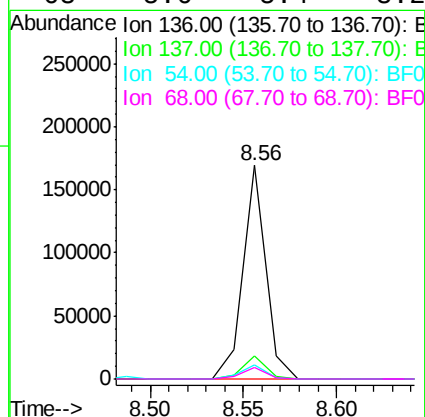
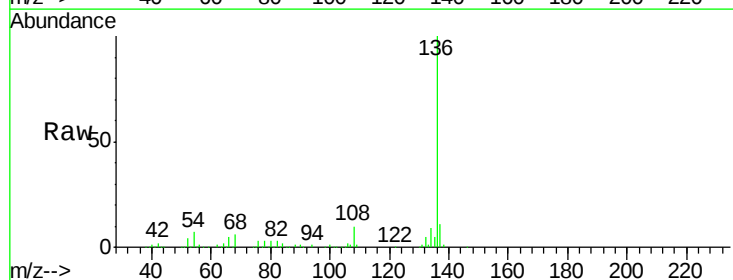
Instrument :
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 DCW-WW-102-33015DL

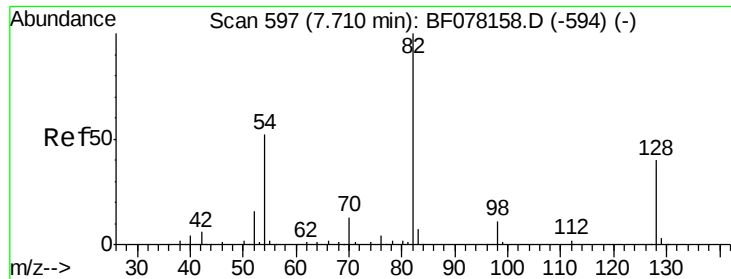
Tot Ion:146 Resp: 70734
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.2 75.4
 111 38.9 36.1 54.1



#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

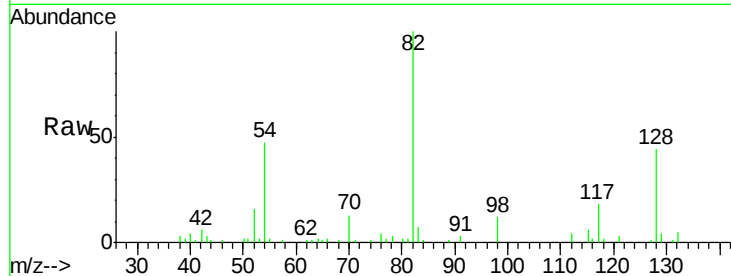
Tot Ion: 82 Resp: 40322

Ion Ratio Lower Upper

82 100

128 43.7 31.8 47.8

54 47.5 41.5 62.3

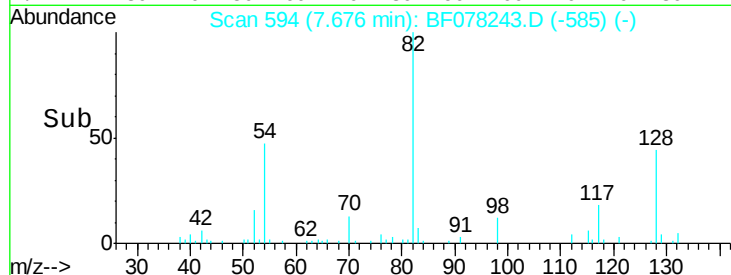


Abundance Ion 82.00 (81.70 to 82.70): BF078158.D (-594) (-)

Ion 128.00 (127.70 to 128.70): BF078158.D (-594) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-594) (-)

Time-->

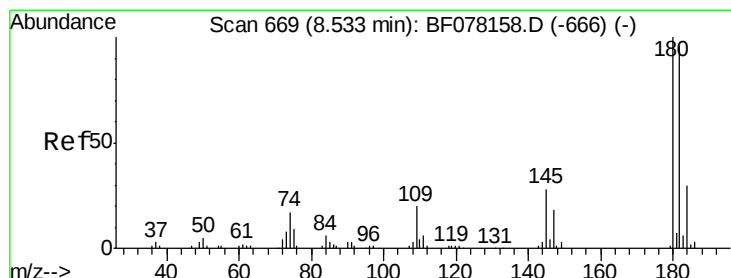


Abundance Ion 82.00 (81.70 to 82.70): BF078243.D (-585) (-)

Ion 128.00 (127.70 to 128.70): BF078243.D (-585) (-)

Ion 54.00 (53.70 to 54.70): BF078243.D (-585) (-)

Time-->



#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

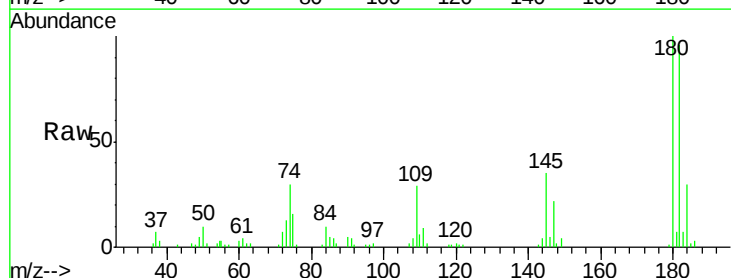
Tgt Ion: 180 Resp: 56278

Ion Ratio Lower Upper

180 100

182 96.0 76.9 115.3

145 34.6 22.5 33.7#

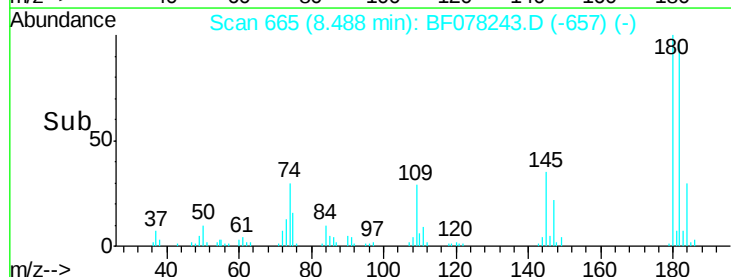


Abundance Ion 180.00 (179.70 to 180.70): BF078158.D (-666) (-)

Ion 182.00 (181.70 to 182.70): BF078158.D (-666) (-)

Ion 145.00 (144.70 to 145.70): BF078158.D (-666) (-)

Time-->

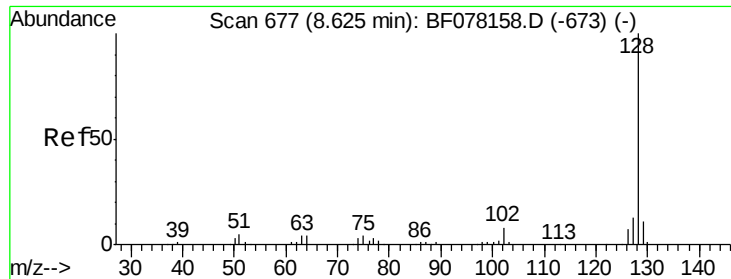


Abundance Ion 180.00 (179.70 to 180.70): BF078243.D (-657) (-)

Ion 182.00 (181.70 to 182.70): BF078243.D (-657) (-)

Ion 145.00 (144.70 to 145.70): BF078243.D (-657) (-)

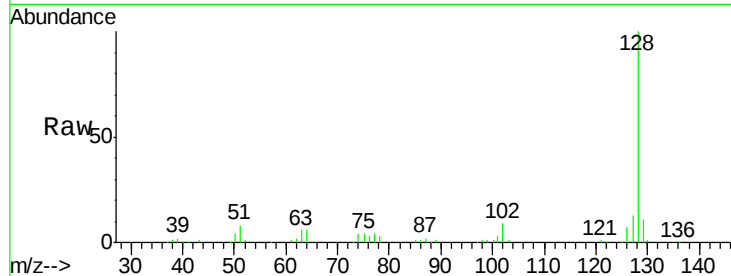
Time-->



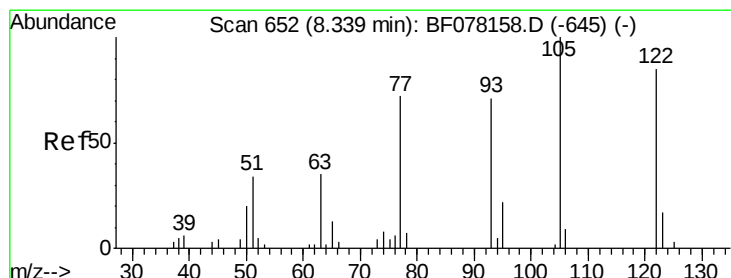
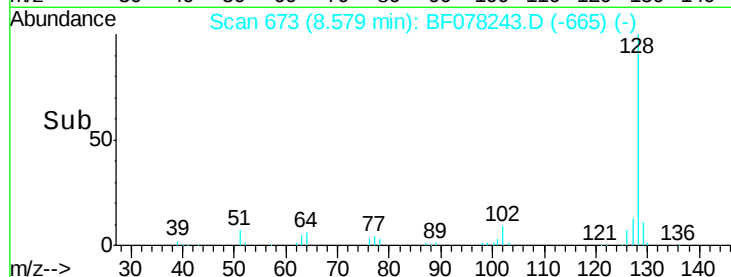
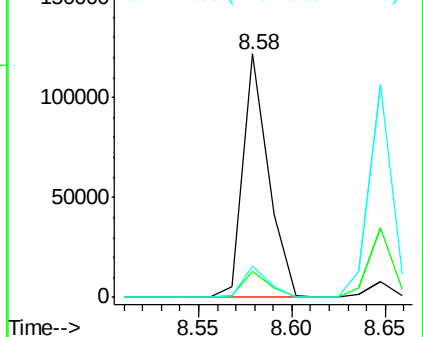
#31
Naphthalene
Concen: 15.46 ng
RT: 8.58 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF078243.D
Acq: 3 Apr 2015 15:49

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

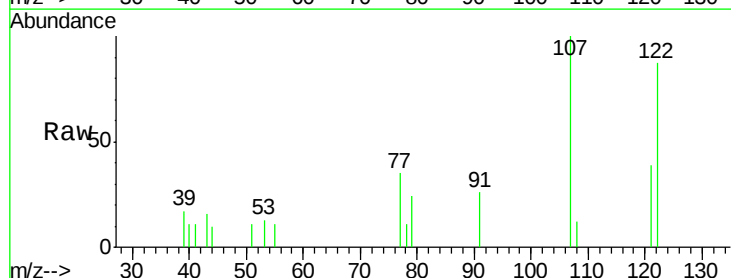


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

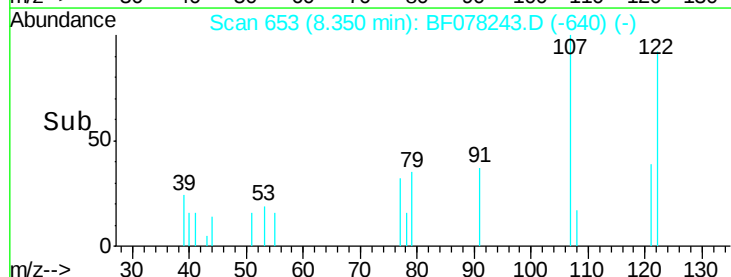
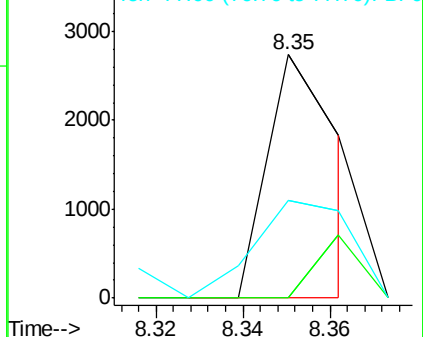


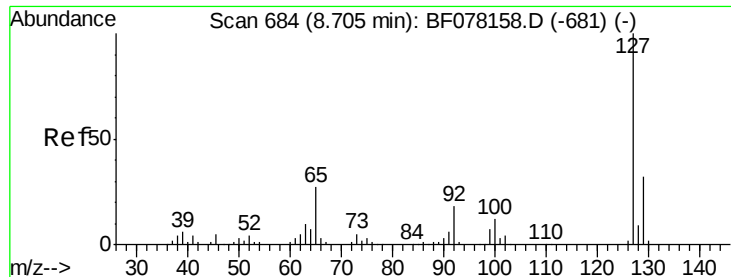
#32
Benzoic acid
Concen: 8.43 ng
RT: 8.35 min Scan# 653
Delta R.T. 0.05 min
Lab File: BF078243.D
Acq: 3 Apr 2015 15:49

Tgt Ion:122 Resp: 3133
Ion Ratio Lower Upper
122 100
105 0.0 96.1 136.1#
77 40.3 64.1 104.1#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

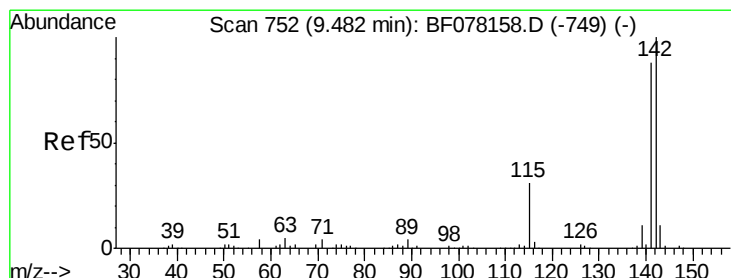
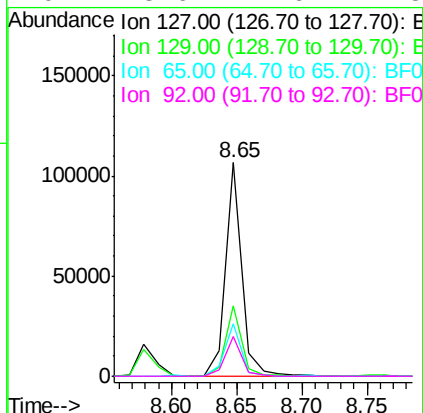
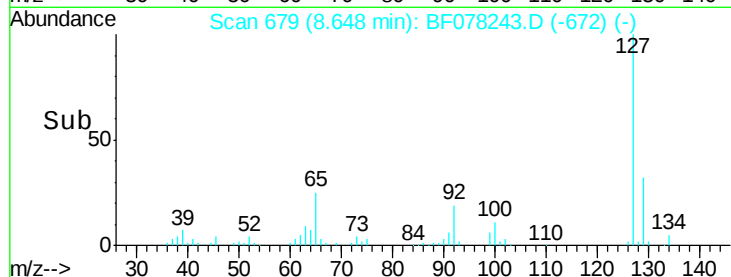
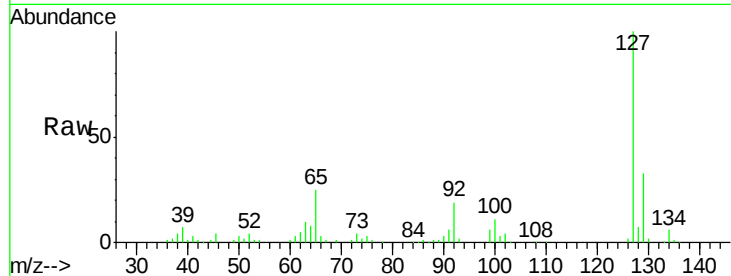




#33
4-Chloroaniline
Concen: 29.72 ng
RT: 8.65 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF078243.D
Acq: 3 Apr 2015 15:49

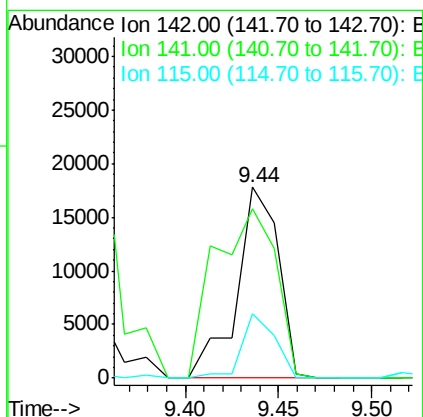
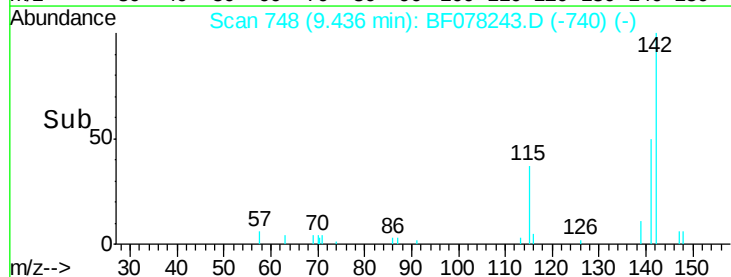
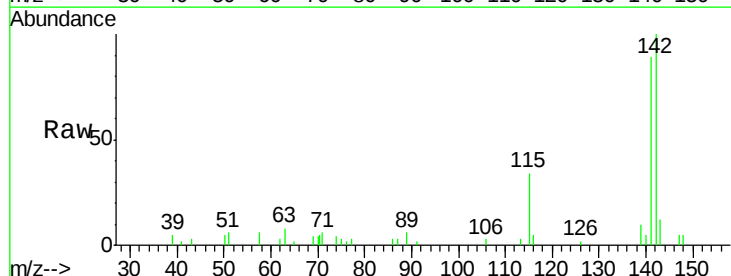
Instrument :
BNA_F
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DCW-WW-102-33015DL

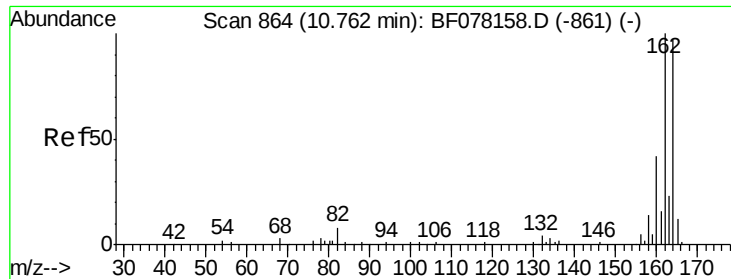
Tot Ion:	127	Resp:	93156
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.5	38.3
65	24.9	21.7	32.5
92	18.6	14.6	21.8



#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

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

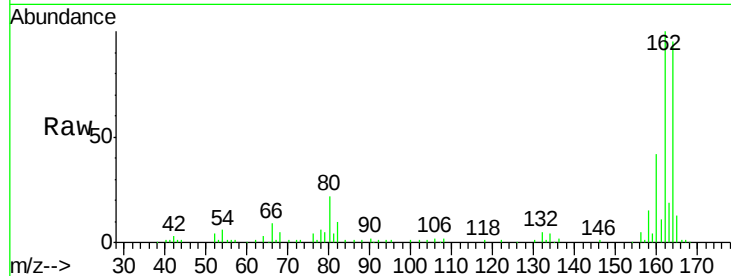




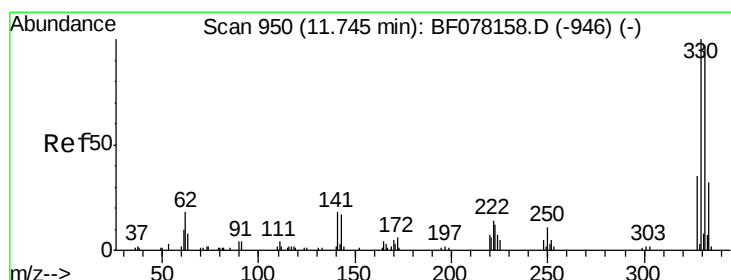
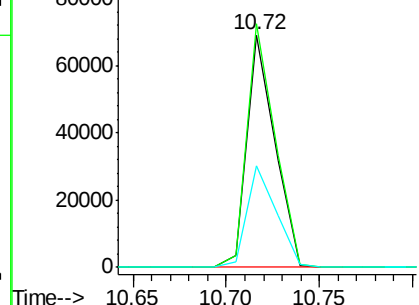
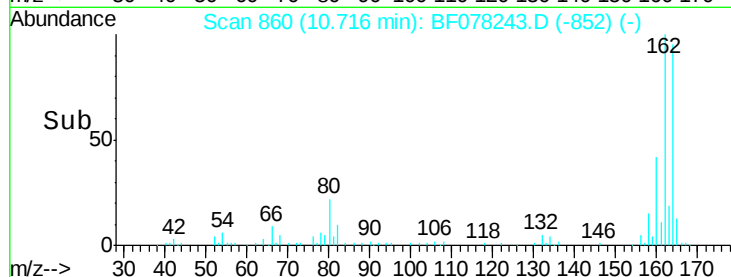
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

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

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

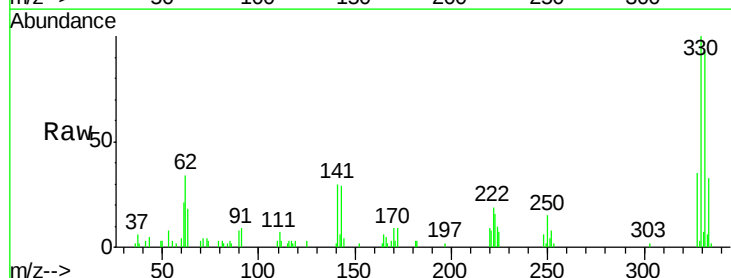


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

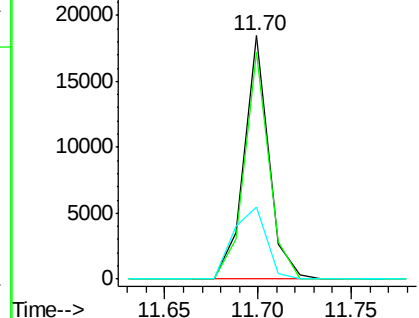
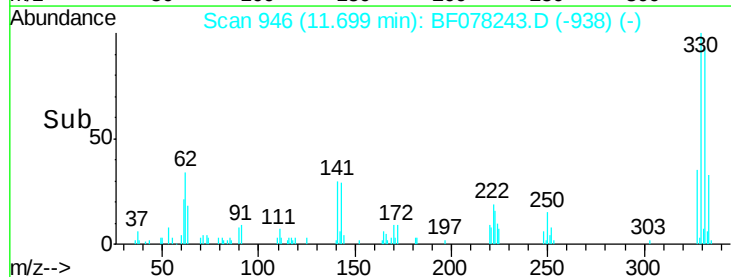


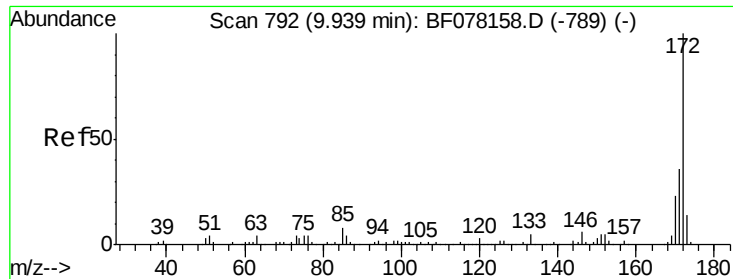
#41
 2,4,6-Tribromophenol
 Concen: 28.71 ng
 RT: 11.70 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

Tgt Ion:330 Resp: 17118
 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

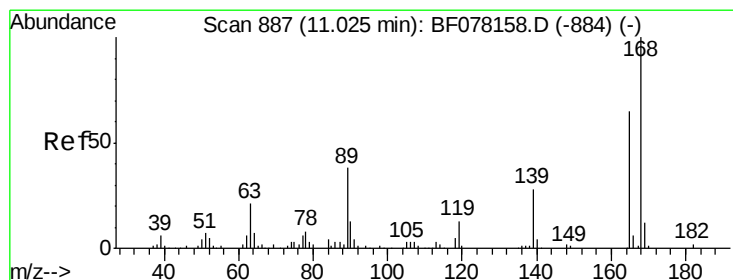
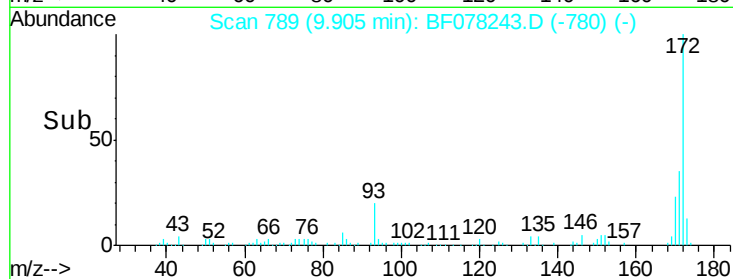
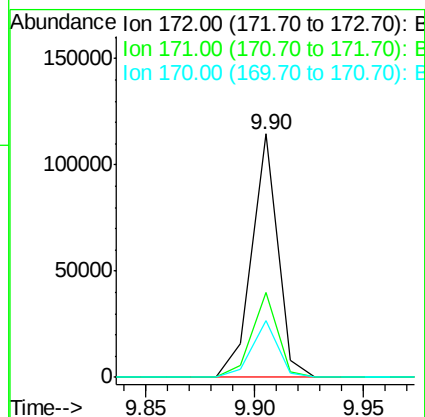
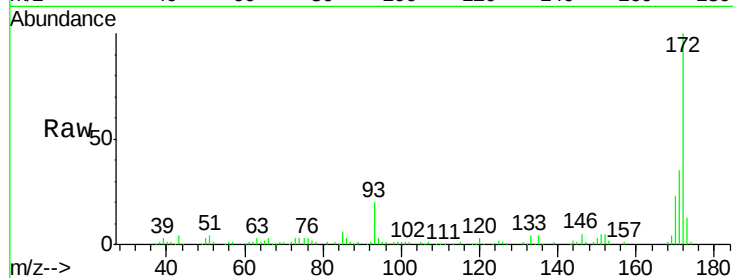




#44
 2-Fluorobiphenyl
 Concen: 18.92 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078243.D
 Acq: 3 Apr 2015 15:49

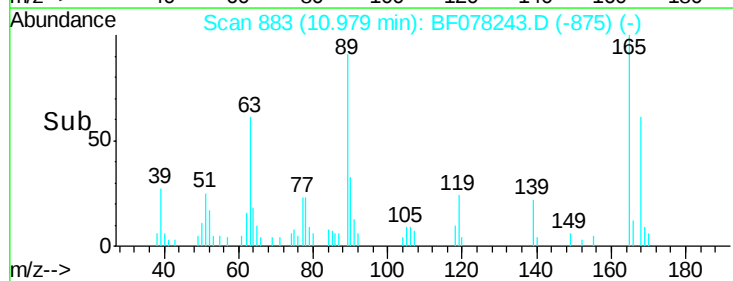
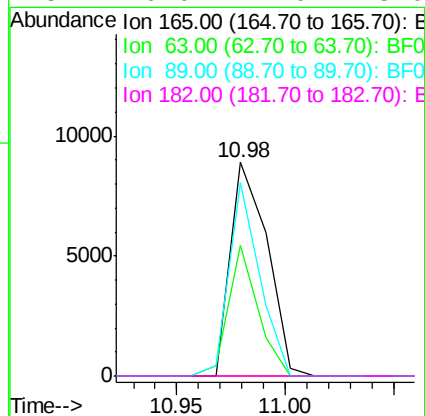
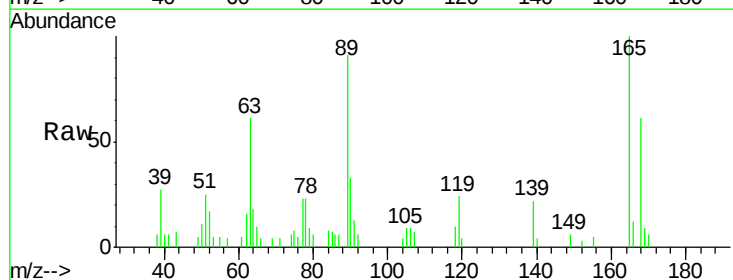
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-102-33015DL

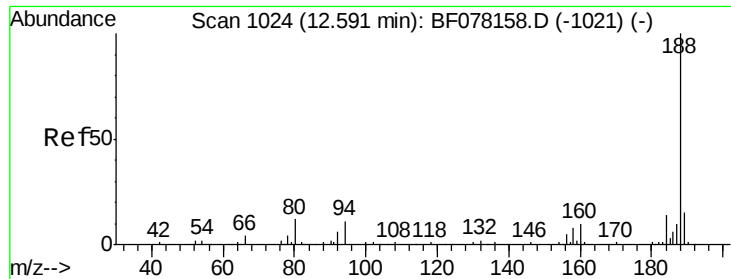
Tot Ion:172 Resp: 95177
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.2 18.5 27.7



#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

Tgt Ion:165 Resp: 10410
 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#

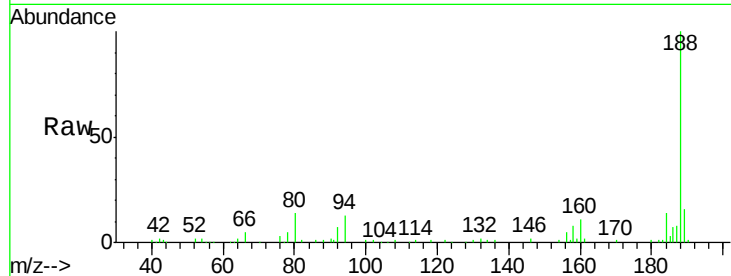




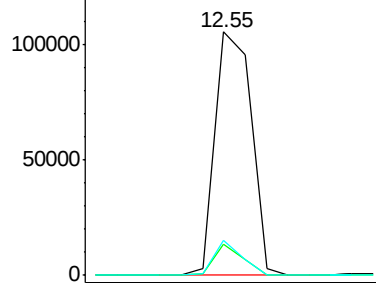
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078243.D
Acq: 3 Apr 2015 15:49

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

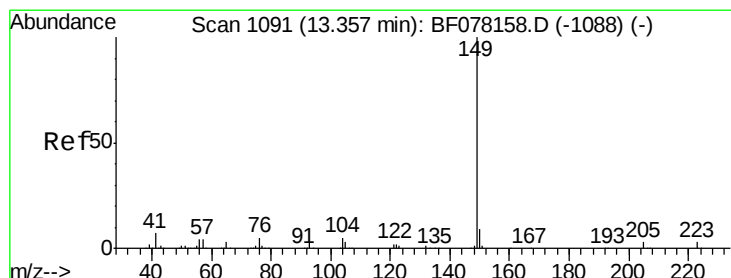
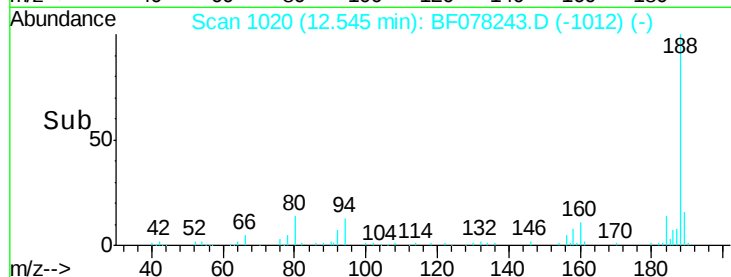
Tot Ion:188 Resp: 142040
Ion Ratio Lower Upper
188 100
94 13.0 9.0 13.4
80 14.4 9.5 14.3#



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

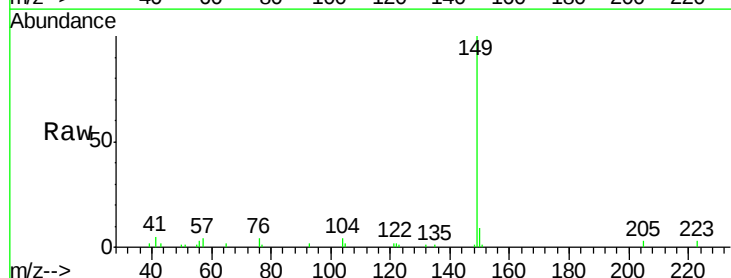


Time-->

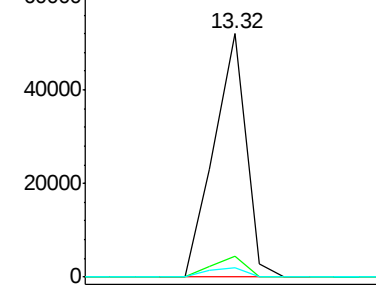


#73
Di-n-butylphthalate
Concen: 6.22 ng
RT: 13.32 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF078243.D
Acq: 3 Apr 2015 15:49

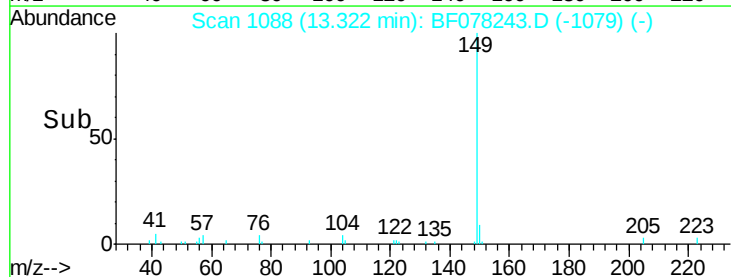
Tgt Ion:149 Resp: 53467
Ion Ratio Lower Upper
149 100
150 8.7 7.1 10.7
104 4.1 3.8 5.6

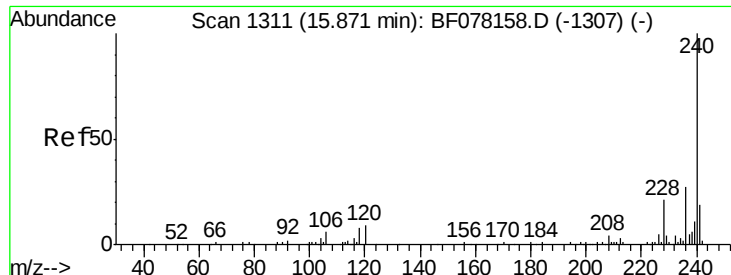


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->





#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

Instrument :

BNA_F

ClientSampleId :

DCW-WW-102-33015DL

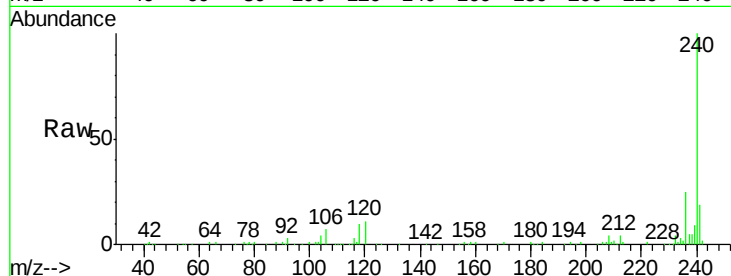
Tot Ion:240 Resp: 155248

Ion Ratio Lower Upper

240 100

120 11.1 7.1 10.7#

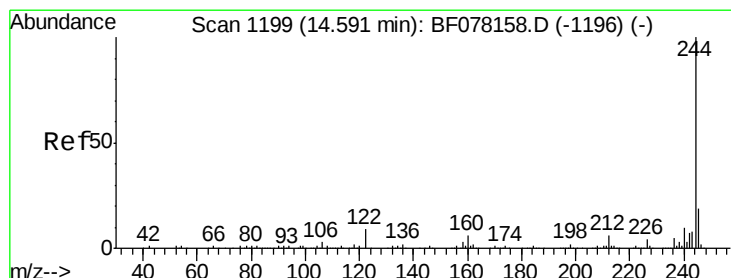
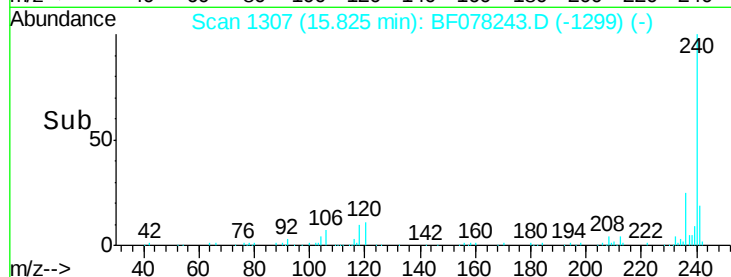
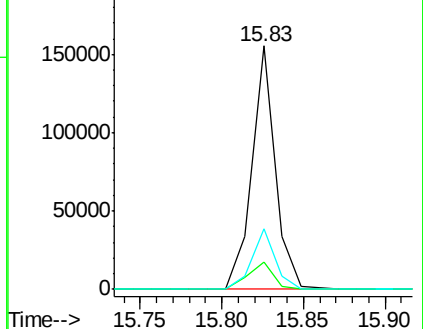
236 25.1 21.4 32.2



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: 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

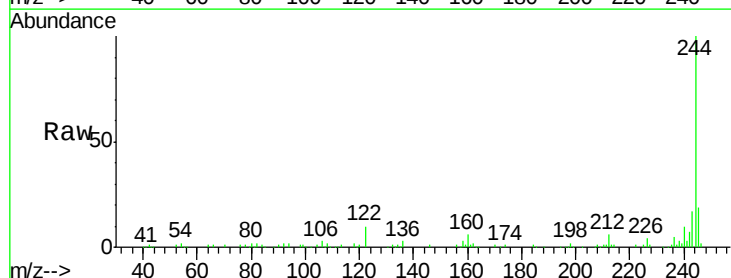
Tgt Ion:244 Resp: 111092

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

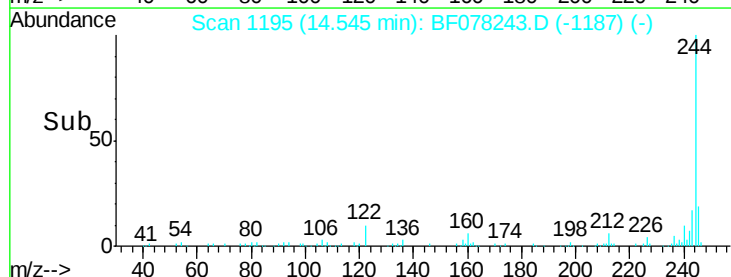
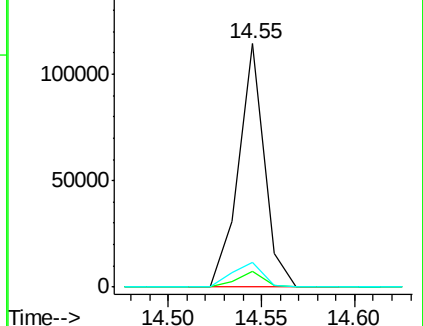
122 10.3 7.1 10.7

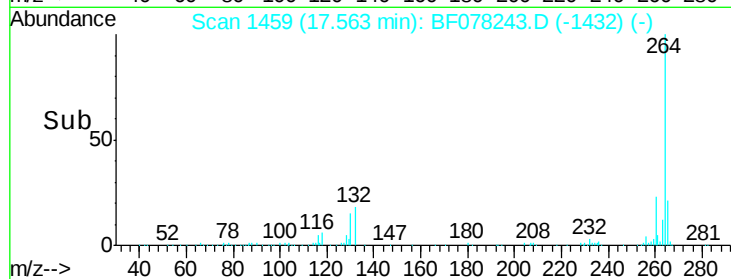
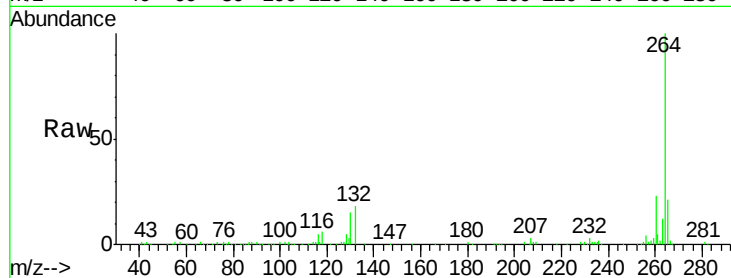
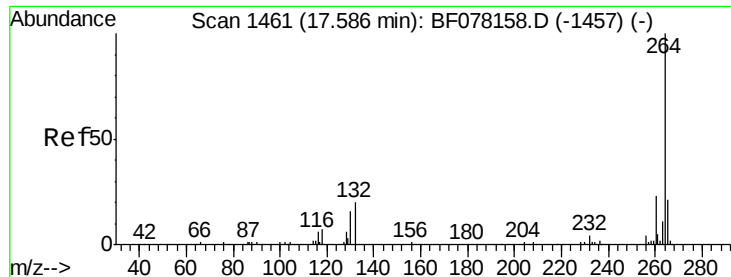


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.56 min Scan# 1459
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
264	100		
260	23.3	18.6	27.8
265	21.2	17.0	25.6

