

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042815\
 Data File : BF078793.D
 Acq On : 29 Apr 2015 00:14
 Operator : TP/IZ
 Sample : G2009-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-120-42315

Quant Time: Apr 29 12:54:56 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

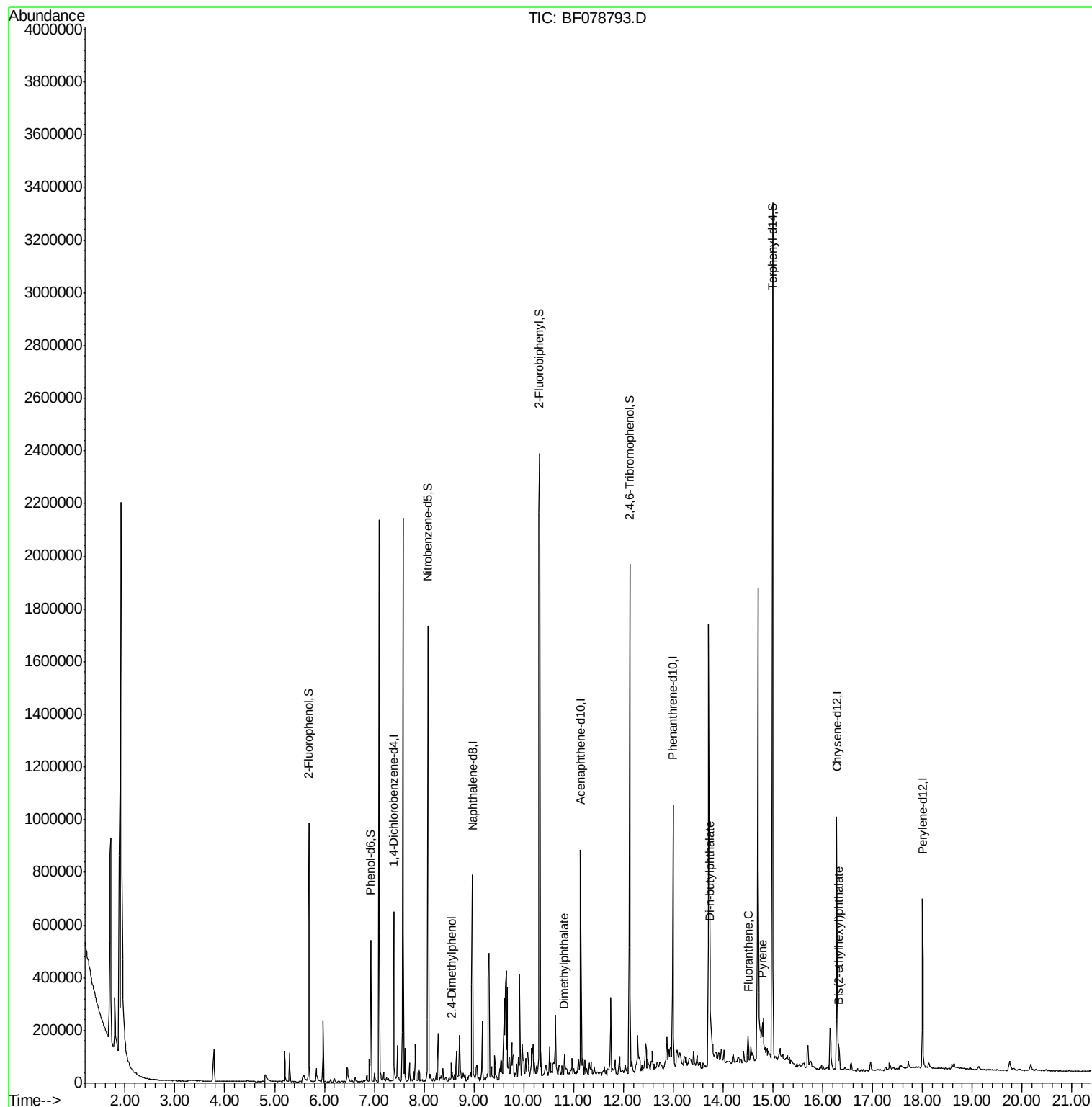
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	96185	20.00	ng	0.00
21) Naphthalene-d8	8.97	136	385631	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	183672	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	346640	20.00	ng	0.00
75) Chrysene-d12	16.29	240	340747	20.00	ng	-0.02
86) Perylene-d12	18.00	264	321790	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	316735	60.48	ng	0.01
7) Phenol-d6	6.92	99	250699	35.84	ng	-0.01
23) Nitrobenzene-d5	8.08	82	480160	89.65	ng	0.00
41) 2,4,6-Tribromophenol	12.12	330	217459	119.53	ng	0.00
44) 2-Fluorobiphenyl	10.32	172	1058395	78.91	ng	0.00
78) Terphenyl-d14	14.99	244	1079897	75.48	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	8.55	122	10865	2.02	ng	Qvalue 89
49) Dimethylphthalate	10.81	163	39287	3.01	ng	# 97
73) Di-n-butylphthalate	13.74	149	89427	4.46	ng	99
74) Fluoranthene	14.50	202	40233	2.15	ng	96
77) Pyrene	14.79	202	44146	2.22	ng	97
83) Bis(2-ethylhexyl)phthalate	16.33	149	25852	2.11	ng	99

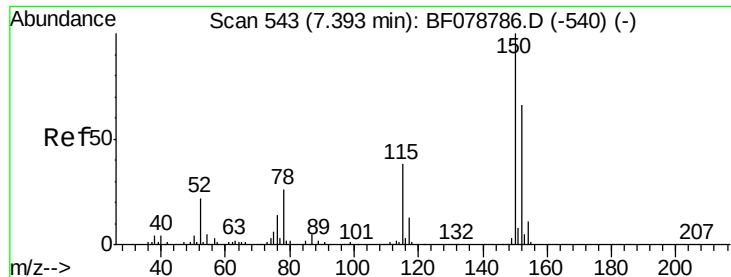
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078793.D

Acq: 29 Apr 2015 00:14

Instrument :

BNA_F

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DCW-WW-120-42315

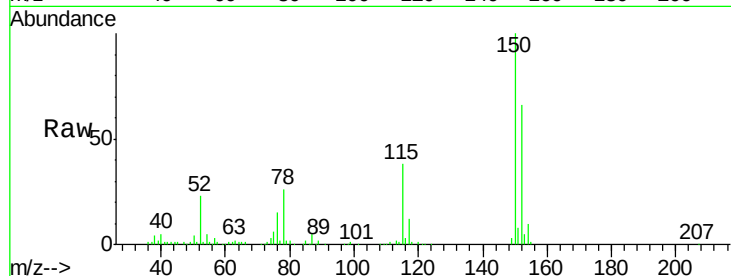
Tot Ion:152 Resp: 96185

Ion Ratio Lower Upper

152 100

150 151.9 122.0 183.0

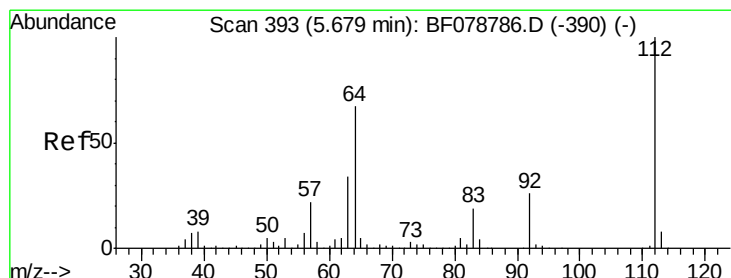
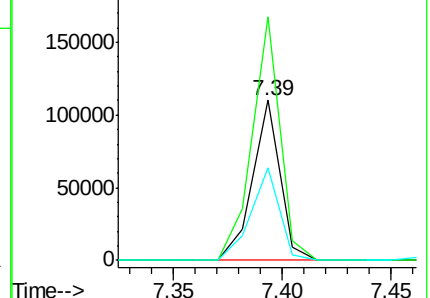
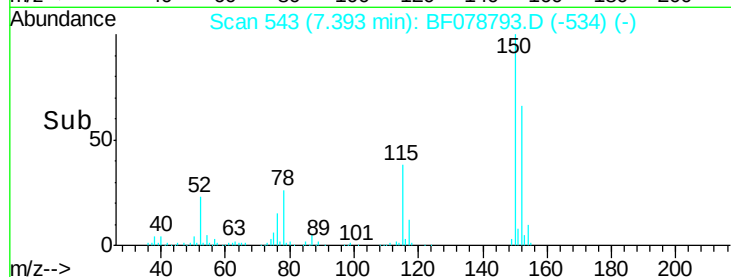
115 57.7 46.3 69.5



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: 60.48 ng

RT: 5.69 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF078793.D

Acq: 29 Apr 2015 00:14

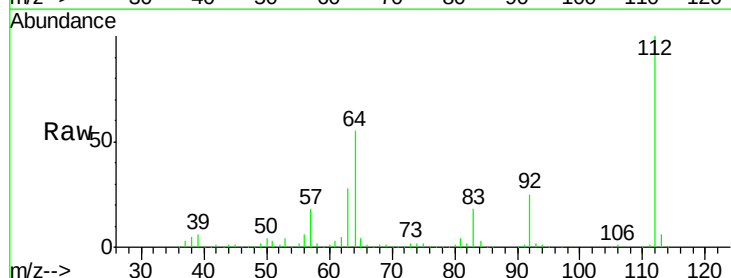
Tgt Ion:112 Resp: 316735

Ion Ratio Lower Upper

112 100

64 55.2 53.5 80.3

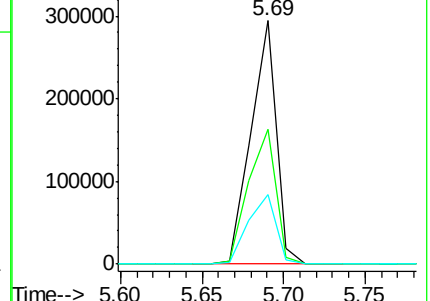
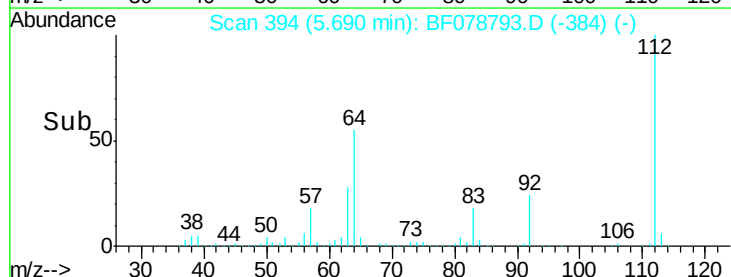
63 28.3 27.5 41.3

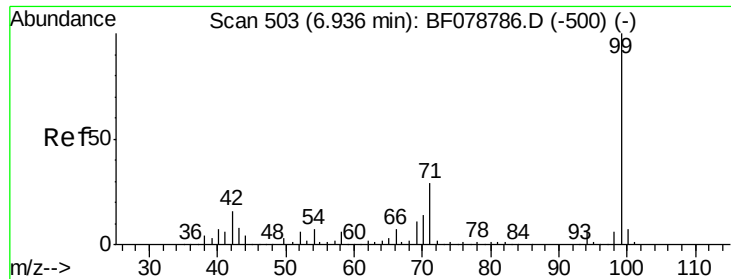


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.84 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF078793.D

Acq: 29 Apr 2015 00:14

Instrument :

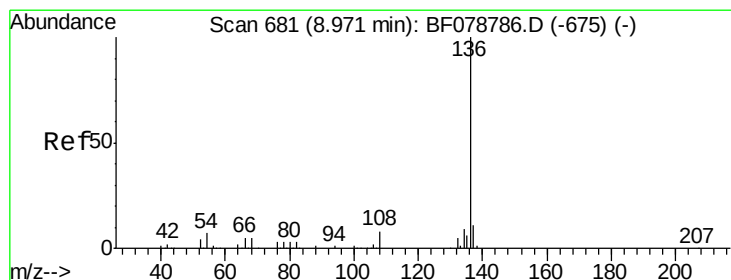
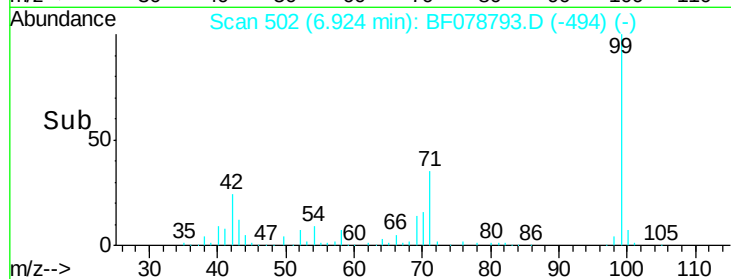
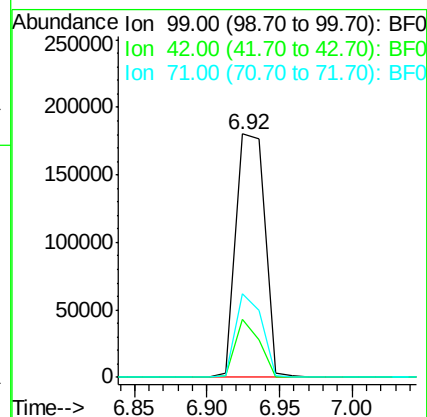
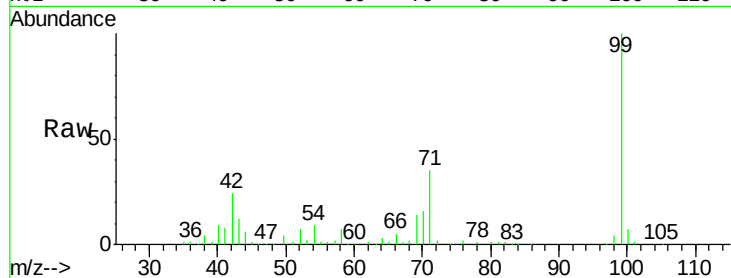
BNA_F

ClientSampleId :

DCW-WW-120-42315

Tot Ion: 99 Resp: 250699

Ion	Ratio	Lower	Upper
99	100		
42	23.6	12.8	19.2#
71	34.6	23.4	35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.97 min Scan# 681

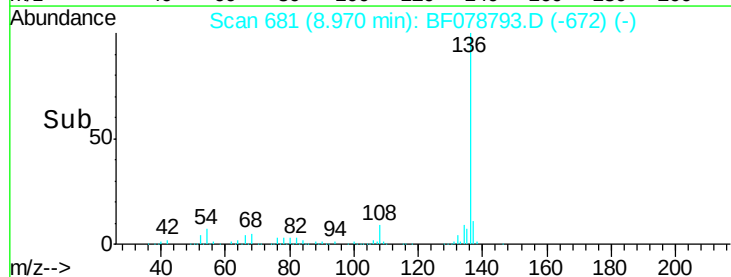
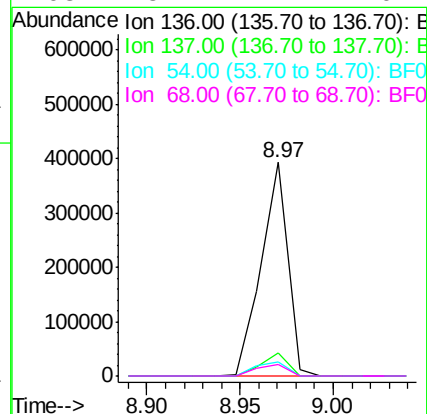
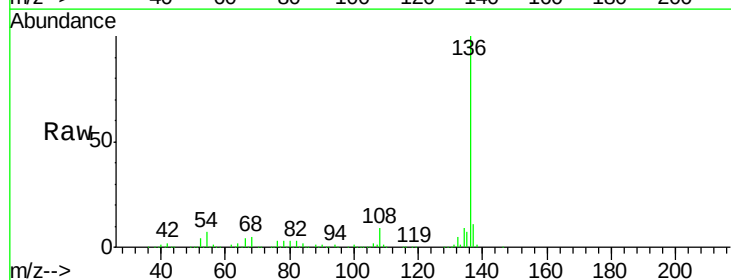
Delta R.T. -0.00 min

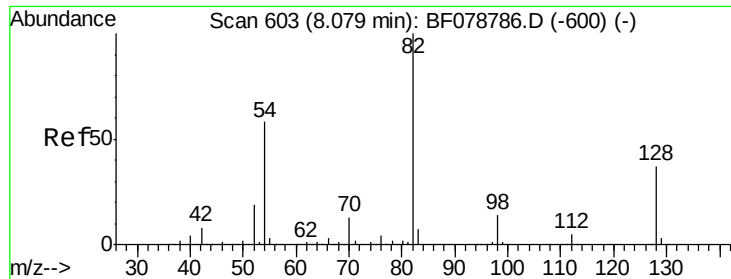
Lab File: BF078793.D

Acq: 29 Apr 2015 00:14

Tgt Ion: 136 Resp: 385631

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.8	5.8	8.8
68	5.2	4.2	6.4

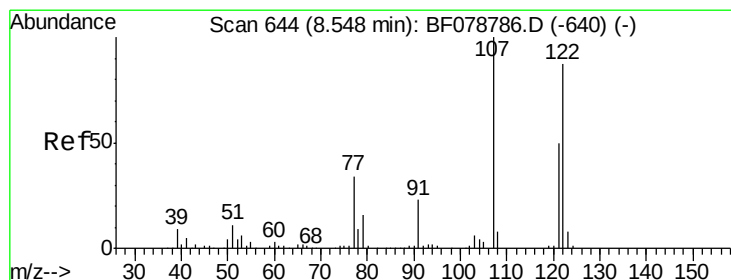
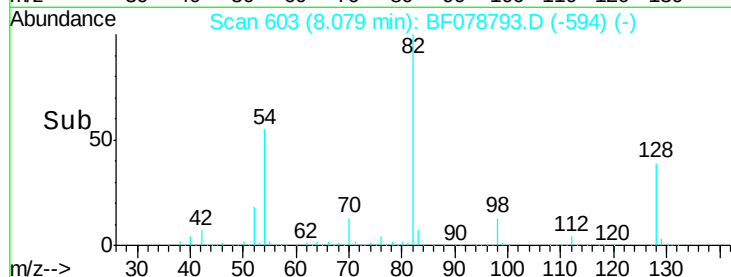
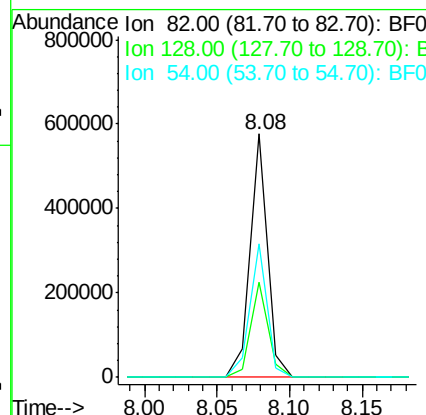
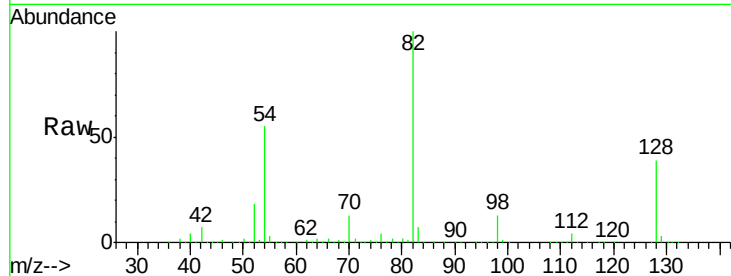




#23
 Nitrobenzene-d5
 Concen: 89.65 ng
 RT: 8.08 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF078793.D
 Acq: 29 Apr 2015 00:14

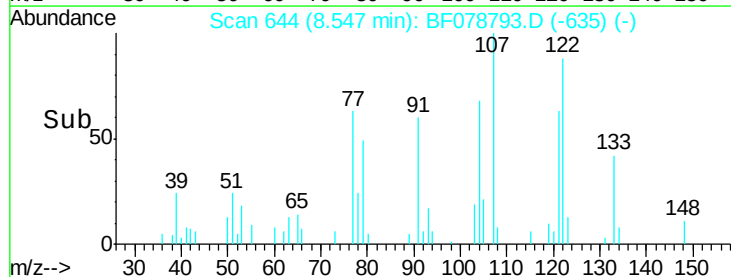
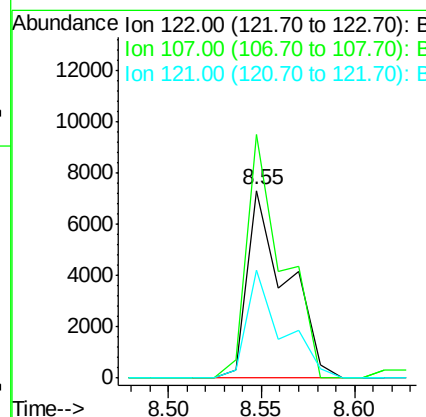
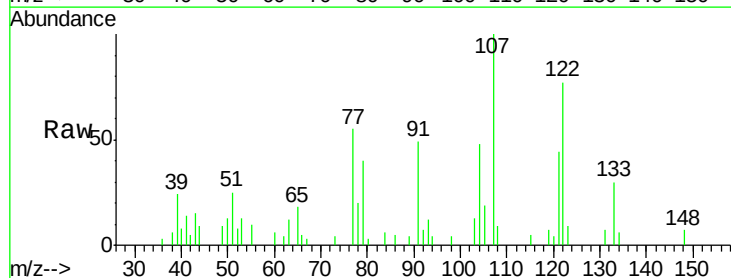
Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-120-42315

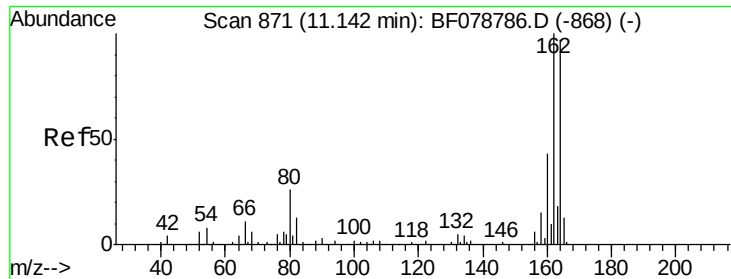
Tot Ion	82	Resp	480160
Ion Ratio	100	Lower	Upper
128	39.0	30.0	45.0
54	55.1	46.4	69.6



#27
 2,4-Dimethylphenol
 Concen: 2.02 ng
 RT: 8.55 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF078793.D
 Acq: 29 Apr 2015 00:14

Tgt Ion	122	Resp	10865
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
107	129.7	90.6	135.8
121	57.4	45.4	68.2

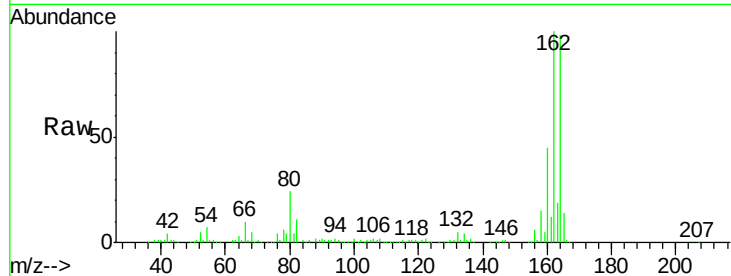




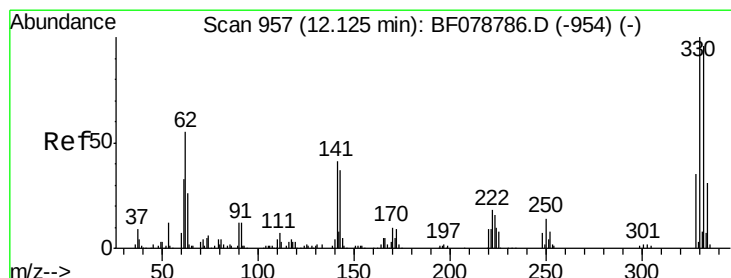
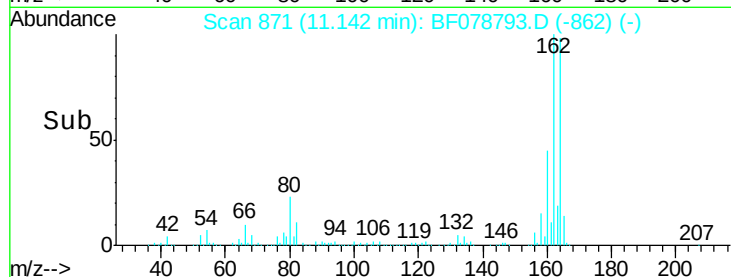
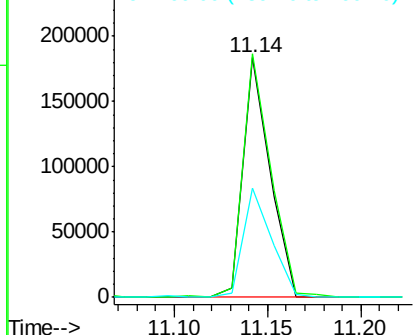
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF078793.D
Acq: 29 Apr 2015 00:14

Instrument :
BNA_F
ClientSampleId :
DCW-WW-120-42315

Tot Ion:164 Resp: 183672
Ion Ratio Lower Upper
164 100
162 101.7 82.7 124.1
160 45.8 35.8 53.8

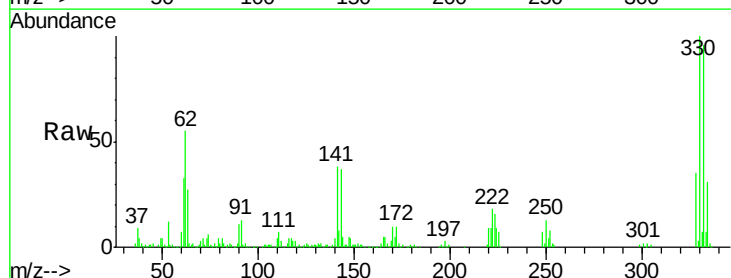


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

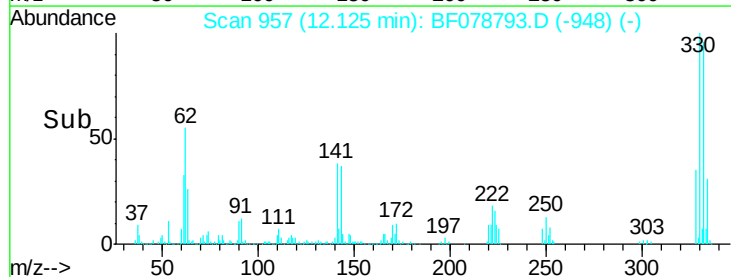
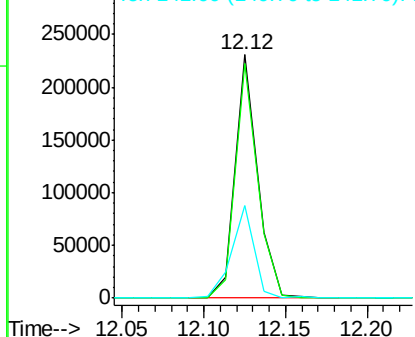


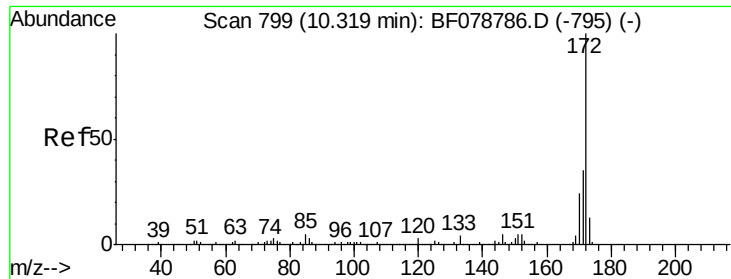
#41
2,4,6-Tribromophenol
Concen: 119.53 ng
RT: 12.12 min Scan# 957
Delta R.T. -0.00 min
Lab File: BF078793.D
Acq: 29 Apr 2015 00:14

Tgt Ion:330 Resp: 217459
Ion Ratio Lower Upper
330 100
332 96.5 0.0 0.0#
141 39.2 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

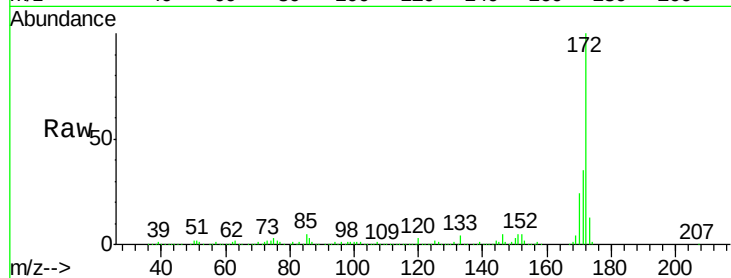




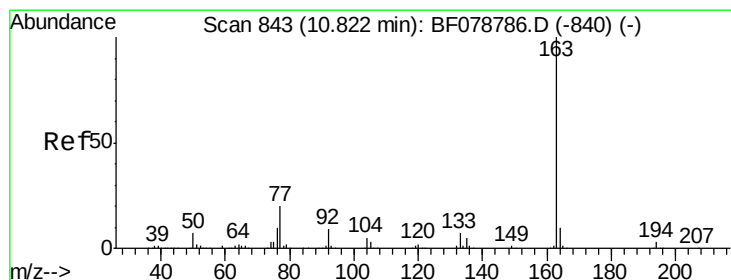
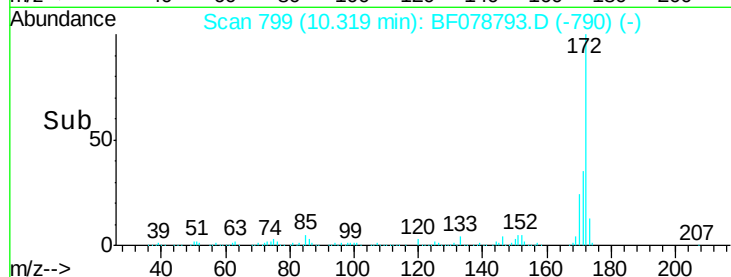
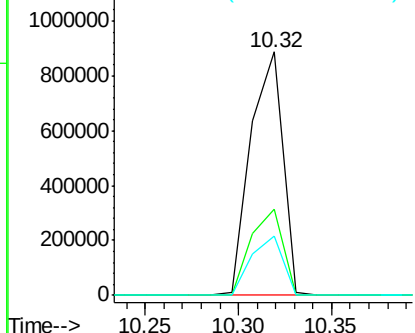
#44
2-Fluorobiphenyl
Concen: 78.91 ng
RT: 10.32 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF078793.D
Acq: 29 Apr 2015 00:14

Instrument :
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ClientSampleId :
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Tot Ion:172 Resp: 1058395
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 24.2 19.4 29.0

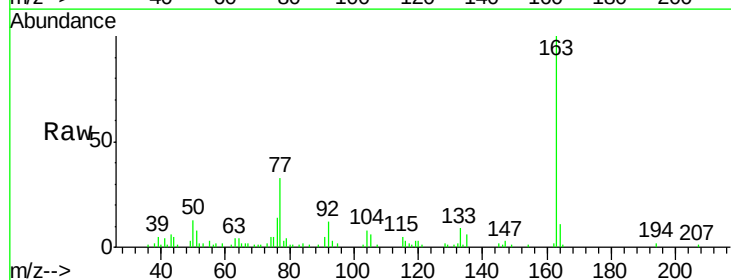


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

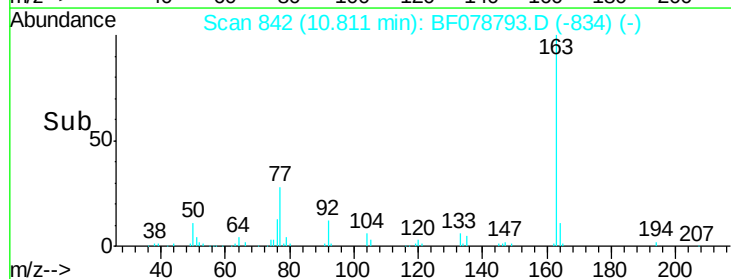
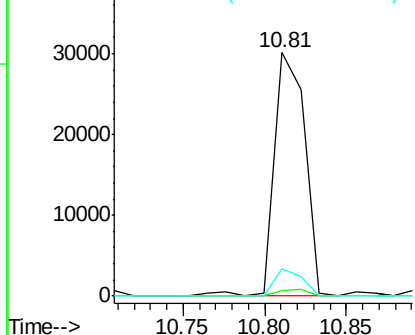


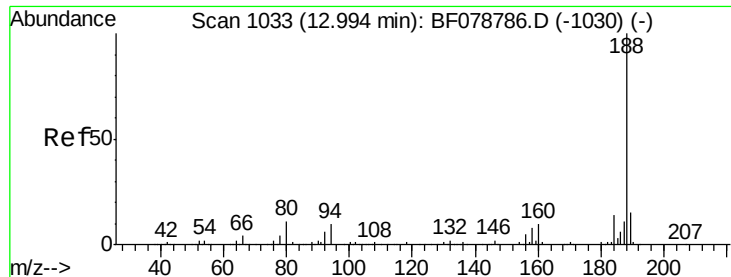
#49
Dimethylphthalate
Concen: 3.01 ng
RT: 10.81 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF078793.D
Acq: 29 Apr 2015 00:14

Tgt Ion:163 Resp: 39287
Ion Ratio Lower Upper
163 100
194 2.5 2.6 4.0#
164 11.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

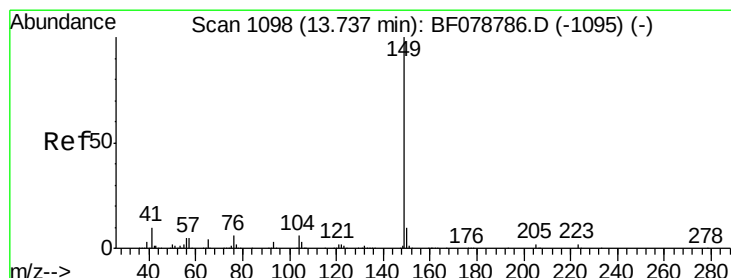
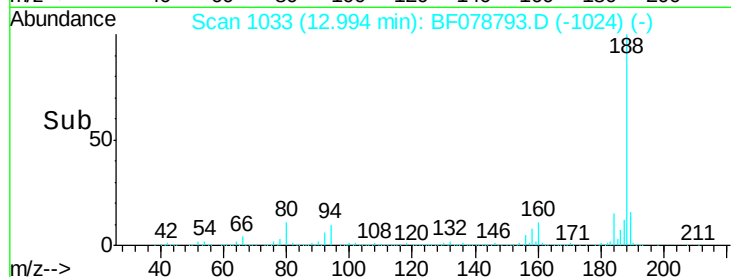
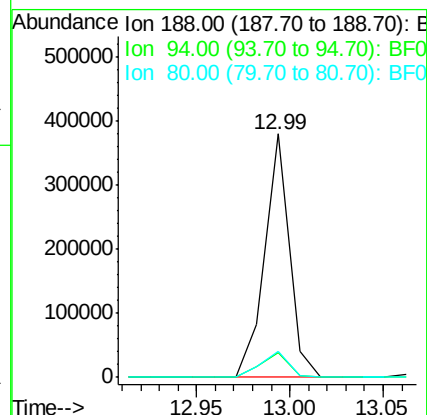
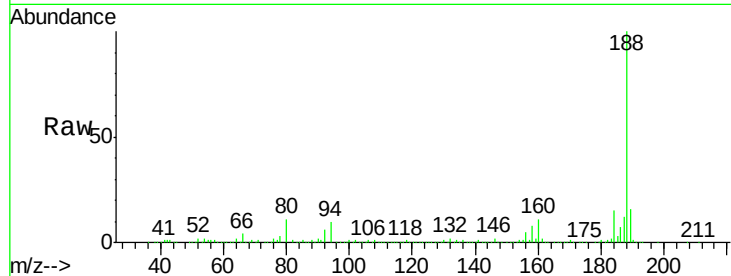




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.99 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF078793.D
 Acq: 29 Apr 2015 00:14

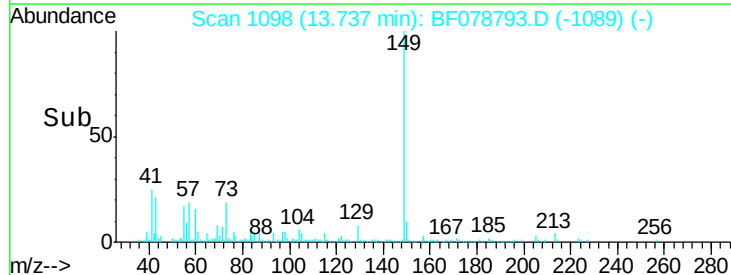
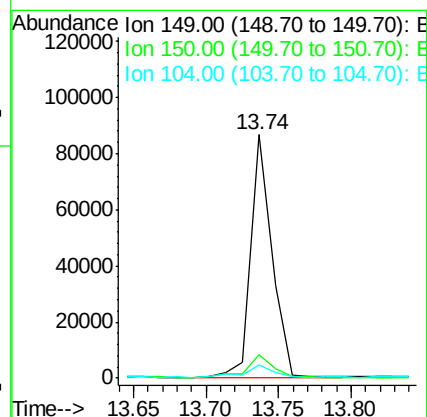
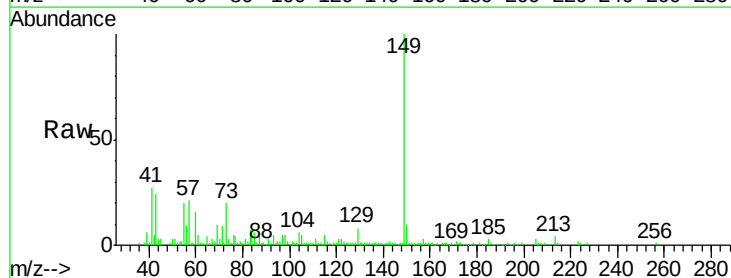
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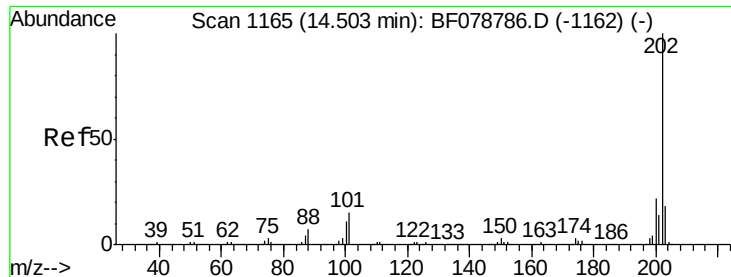
Tot Ion:188 Resp: 346640
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.2 12.2
 80 10.8 8.9 13.3



#73
 Di-n-butylphthalate
 Concen: 4.46 ng
 RT: 13.74 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF078793.D
 Acq: 29 Apr 2015 00:14

Tgt Ion:149 Resp: 89427
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.6 4.6 7.0





#74

Fluoranthene

Concen: 2.15 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF078793.D

Acq: 29 Apr 2015 00:14

Instrument :

BNA_F

ClientSampleId :

DCW-WW-120-42315

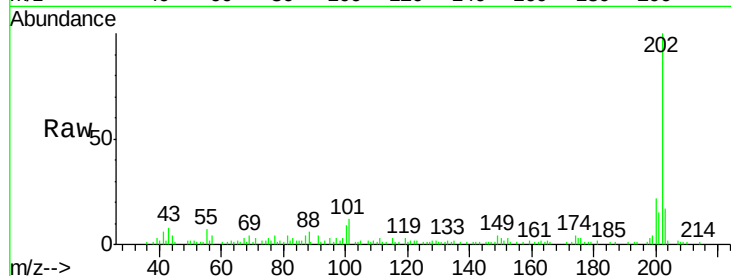
Tot Ion:202 Resp: 40233

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.6

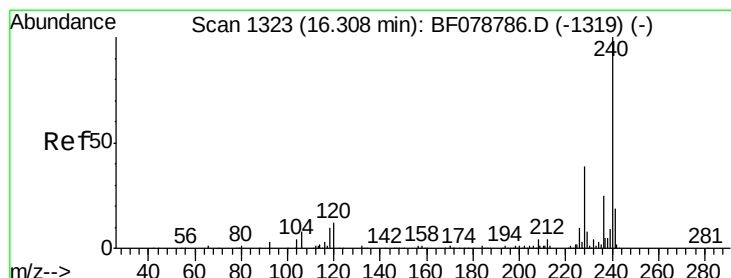
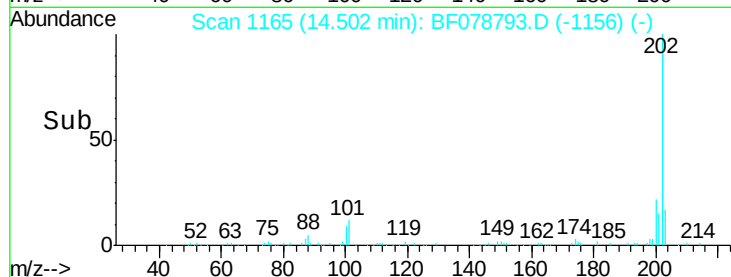
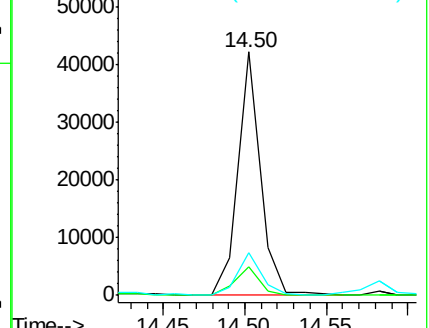
203 17.3 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF078793.D

Acq: 29 Apr 2015 00:14

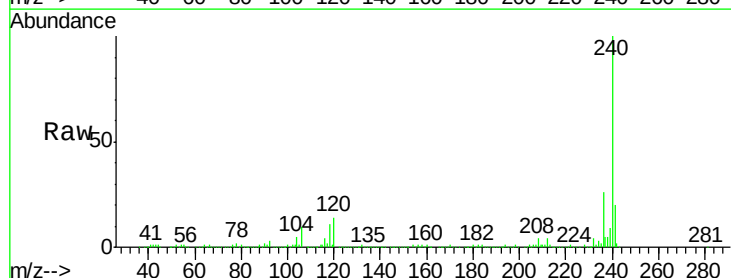
Tgt Ion:240 Resp: 340747

Ion Ratio Lower Upper

240 100

120 13.7 9.7 14.5

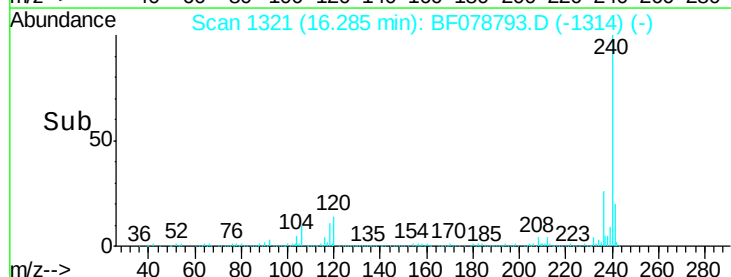
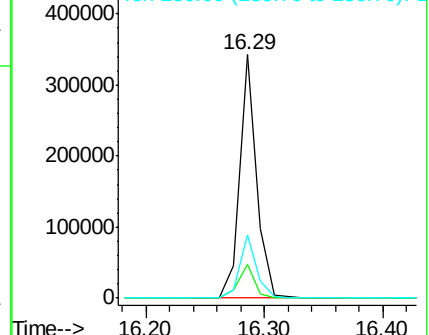
236 25.7 20.2 30.4

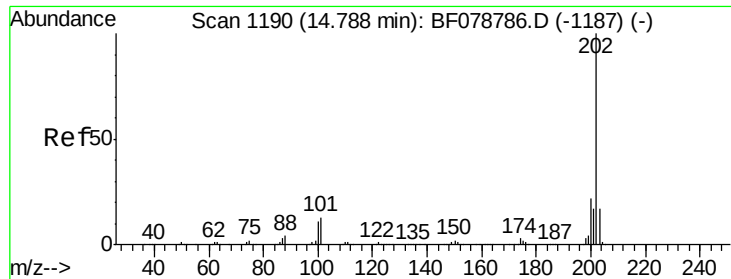


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.22 ng

RT: 14.79 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BF078793.D

Acq: 29 Apr 2015 00:14

Instrument :

BNA_F

ClientSampleId :

DCW-WW-120-42315

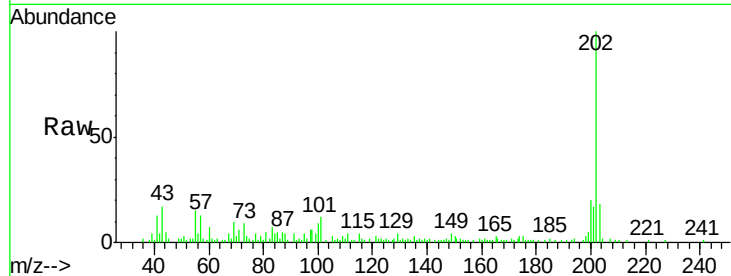
Tot Ion:202 Resp: 44146

Ion Ratio Lower Upper

202 100

200 19.8 17.5 26.3

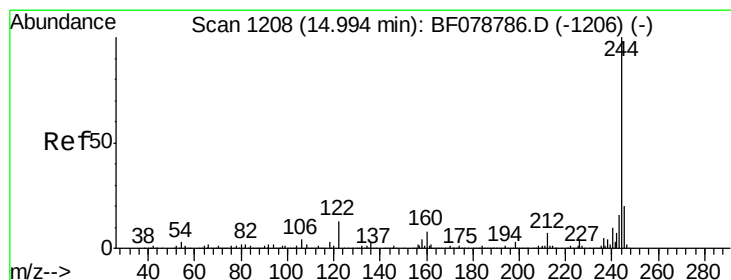
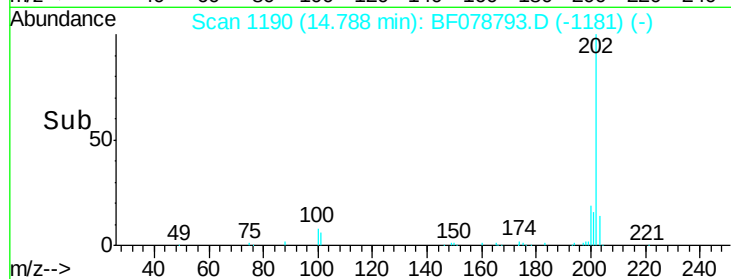
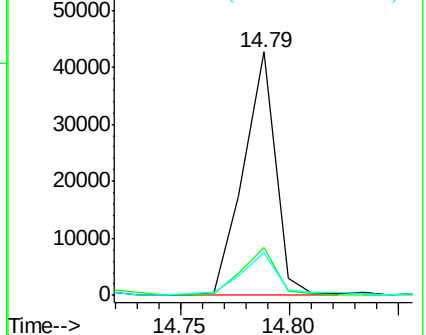
203 17.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.48 ng

RT: 14.99 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF078793.D

Acq: 29 Apr 2015 00:14

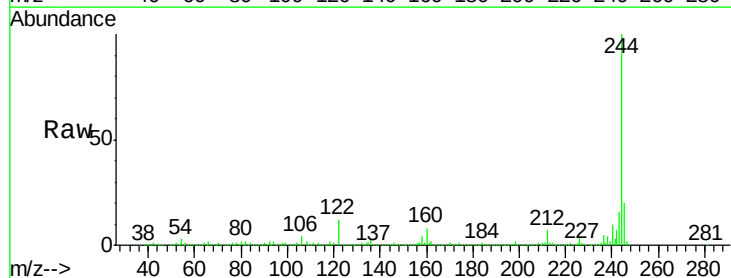
Tgt Ion:244 Resp: 1079897

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

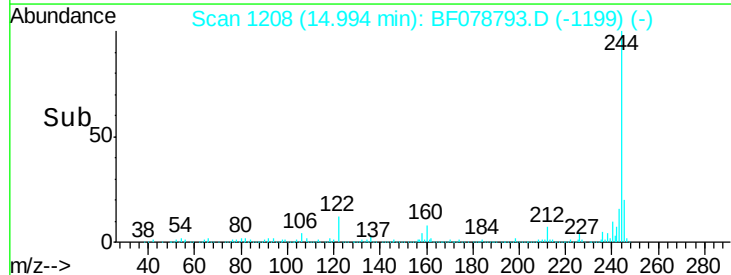
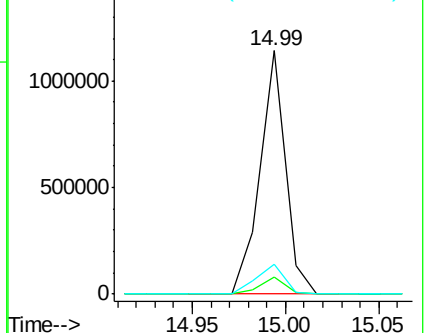
122 12.2 10.3 15.5

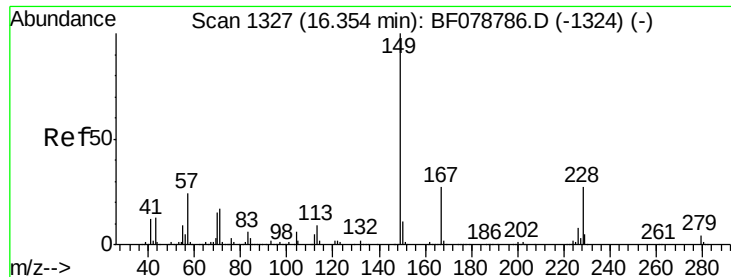


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

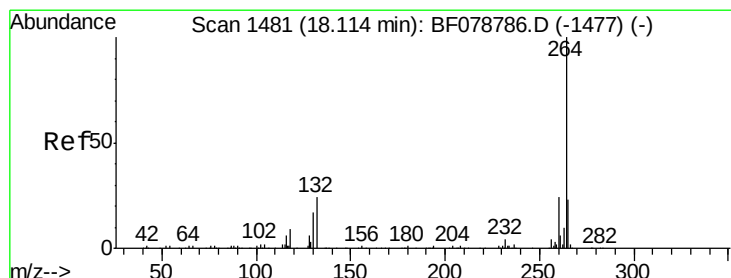
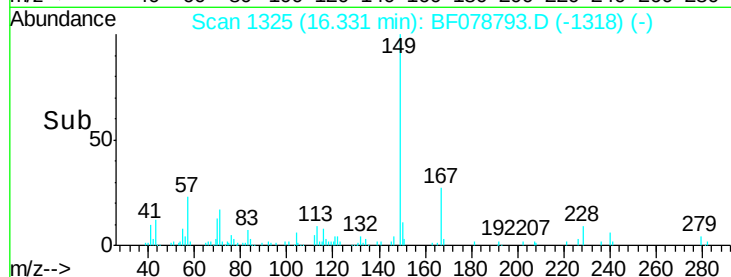
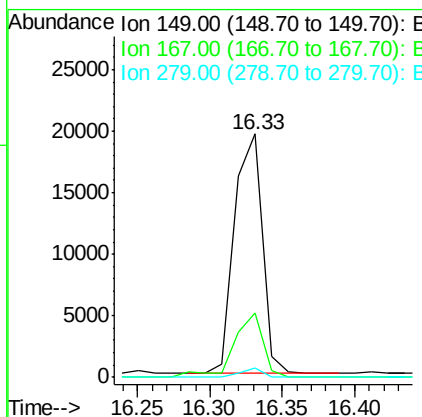
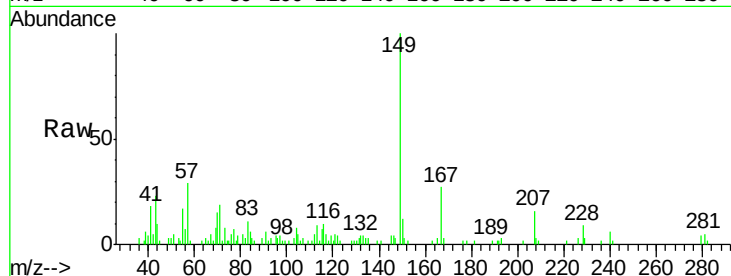




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.11 ng
 RT: 16.33 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF078793.D
 Acq: 29 Apr 2015 00:14

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-120-42315

Tot Ion:149 Resp: 25852
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.8 32.8
 279 3.8 2.9 4.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.00 min Scan# 1471
 Delta R.T. -0.11 min
 Lab File: BF078793.D
 Acq: 29 Apr 2015 00:14

Tgt Ion:264 Resp: 321790
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 21.9 18.3 27.5

