

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078864.D
 Acq On : 30 Apr 2015 23:12
 Operator : TP/IZ
 Sample : G2044-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-59D

Quant Time: May 01 01:17:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

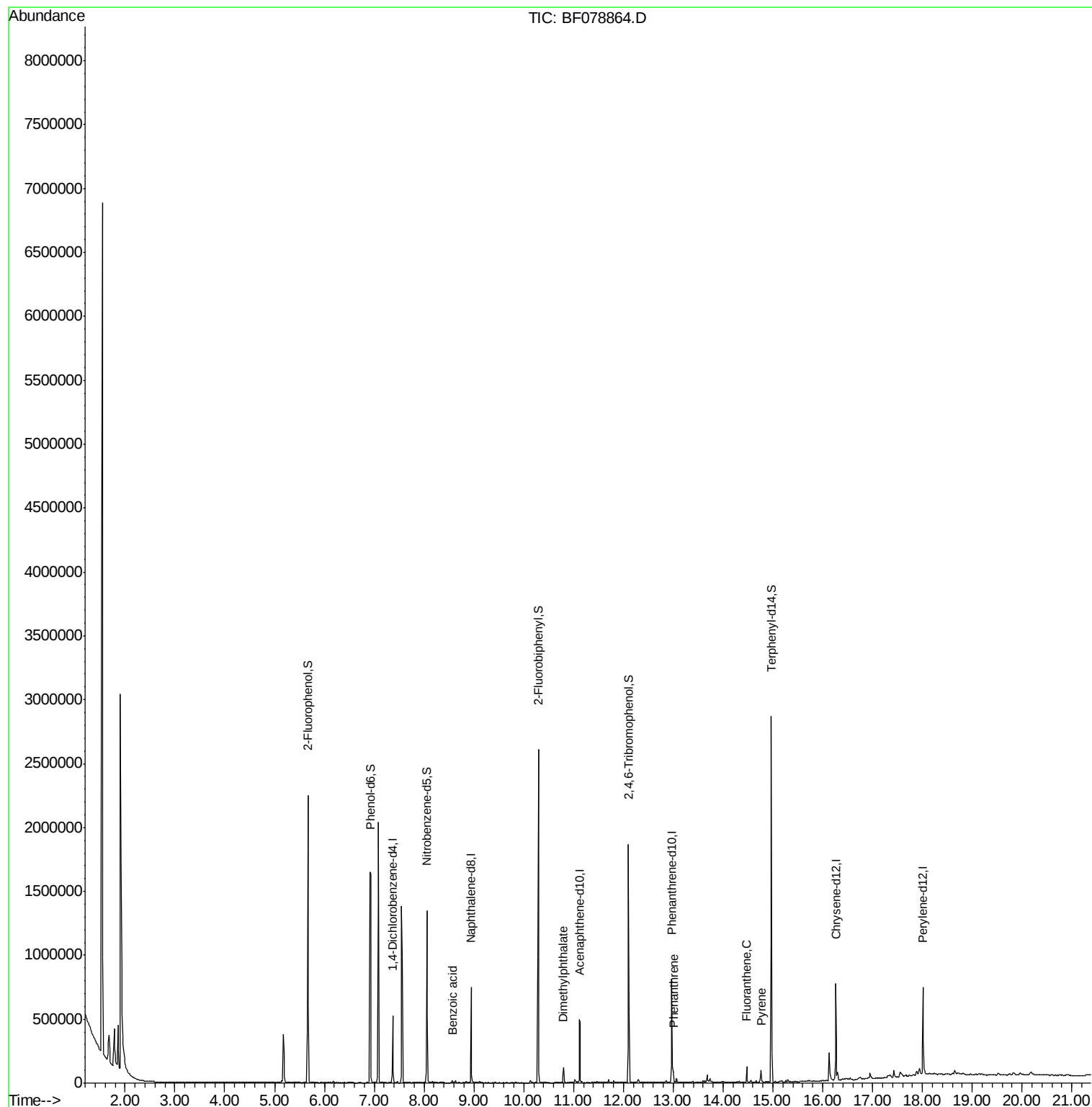
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	75832	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	317203	20.00	ng	0.00
38) Acenaphthene-d10	11.12	164	146451	20.00	ng	-0.01
63) Phenanthrene-d10	12.97	188	289227	20.00	ng	0.00
75) Chrysene-d12	16.26	240	289505	20.00	ng	-0.01
86) Perylene-d12	18.01	264	303492	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	641723	145.67	ng	0.00
7) Phenol-d6	6.92	99	876250	150.48	ng	0.01
23) Nitrobenzene-d5	8.06	82	458756	83.12	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	235951	148.93	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	862950	82.09	ng	0.00
78) Terphenyl-d14	14.97	244	998711	82.59	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	8.57	122	5108	7.87	ng	96
49) Dimethylphthalate	10.80	163	54660	5.09	ng	98
70) Phenanthrene	13.01	178	49146	3.04	ng	98
74) Fluoranthene	14.48	202	50829	3.01	ng	93
77) Pyrene	14.77	202	52079	3.12	ng	97

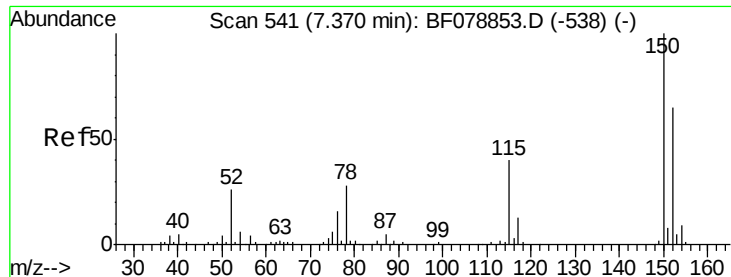
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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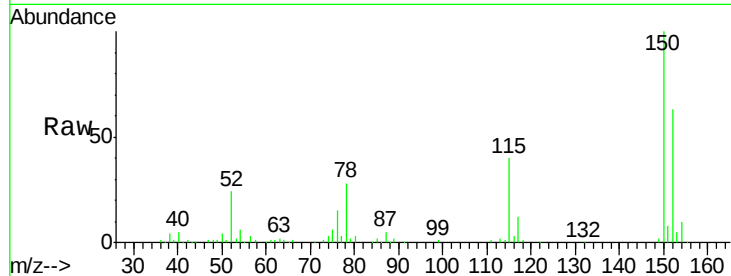


#1

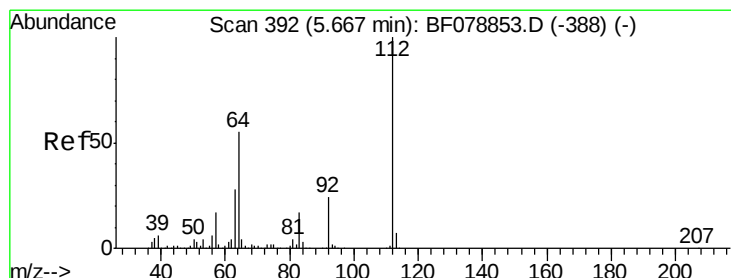
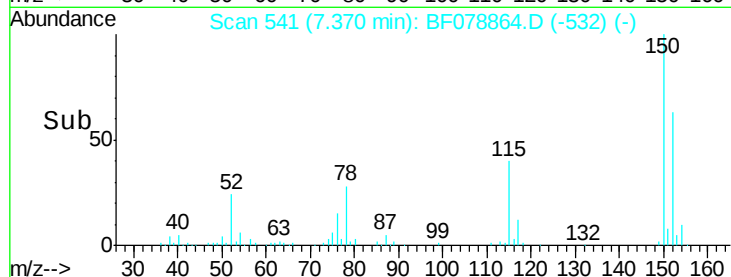
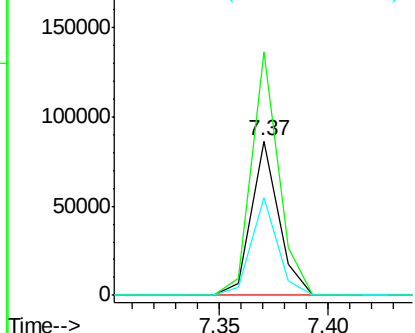
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Instrument :
BNA_F
ClientSampleId :
SB-59D

Tot Ion:152 Resp: 75832
Ion Ratio Lower Upper
152 100
150 157.6 122.0 183.0
115 63.3 46.3 69.5



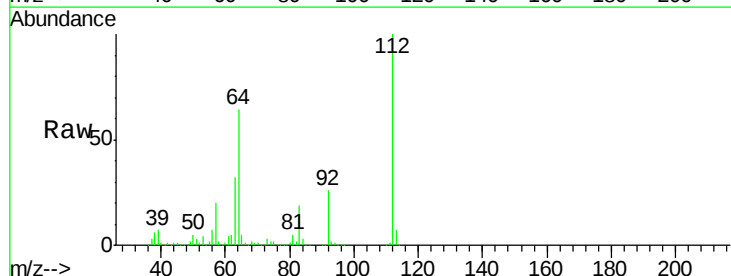
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



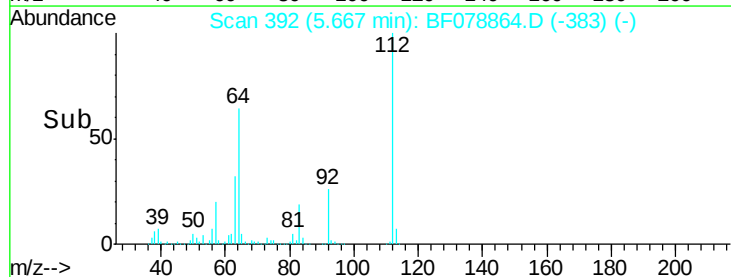
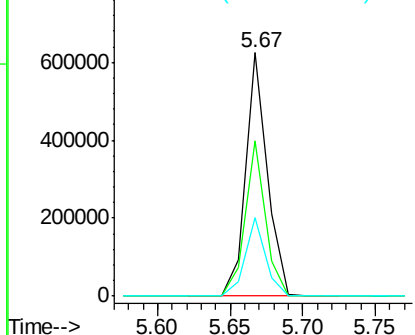
#5

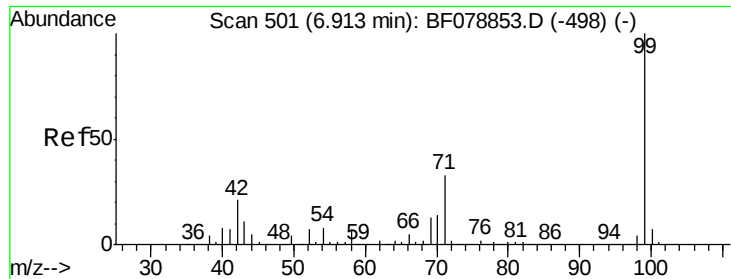
2-Fluorophenol
Concen: 145.67 ng
RT: 5.67 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Tgt Ion:112 Resp: 641723
Ion Ratio Lower Upper
112 100
64 63.8 53.5 80.3
63 32.1 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: 150.48 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

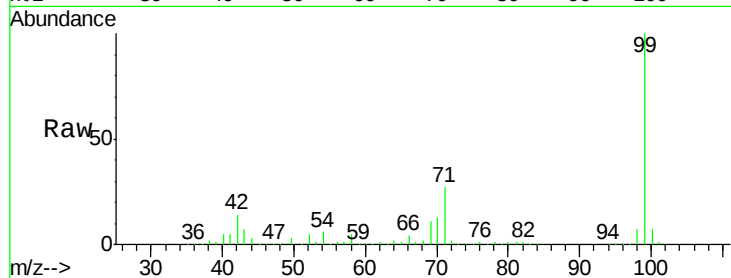
Tot Ion: 99 Resp: 876250

Ion Ratio Lower Upper

99 100

42 14.4 12.8 19.2

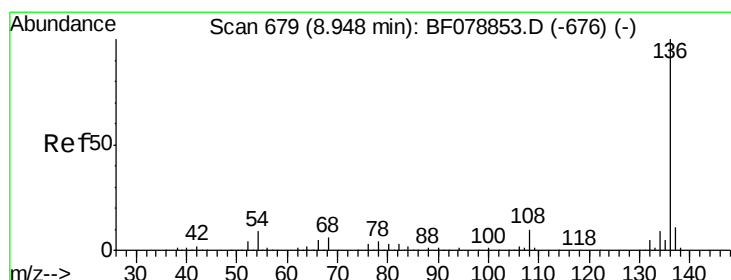
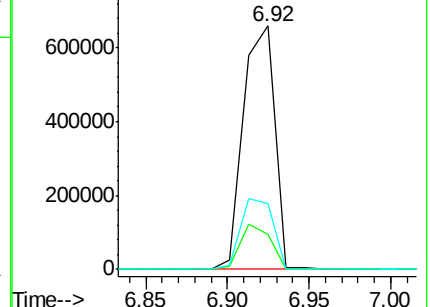
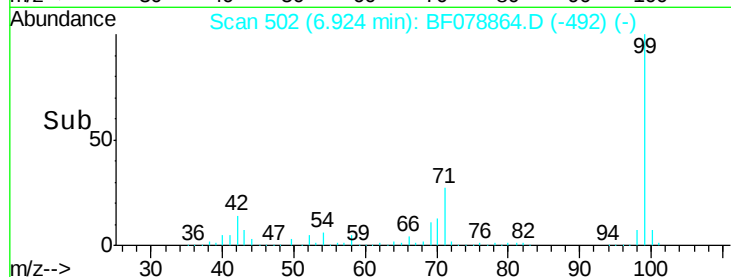
71 27.1 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Tgt Ion: 136 Resp: 317203

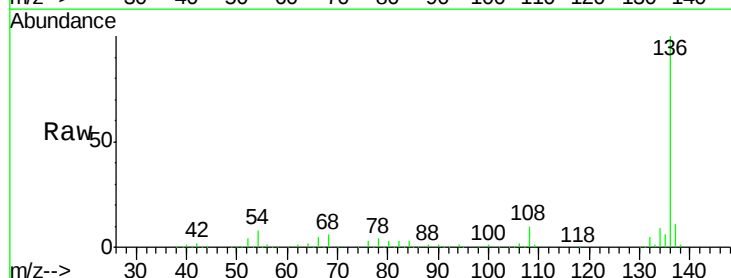
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.9 5.8 8.8

68 5.7 4.2 6.4

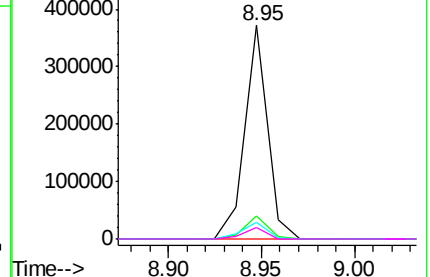
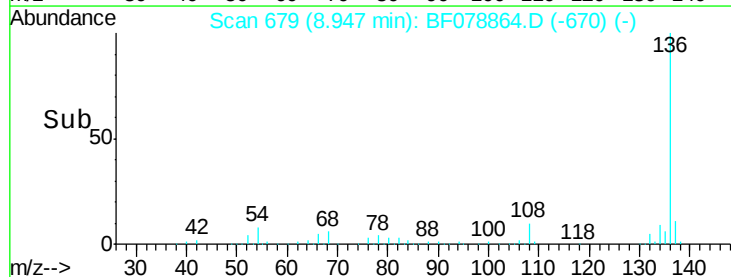


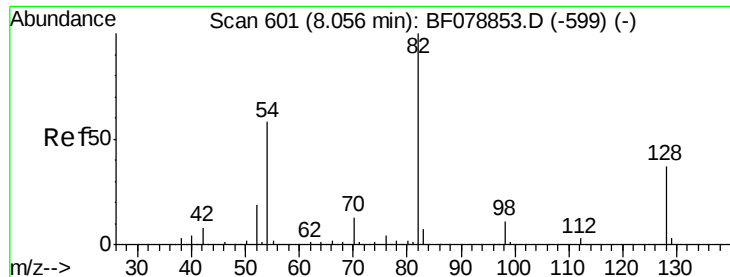
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

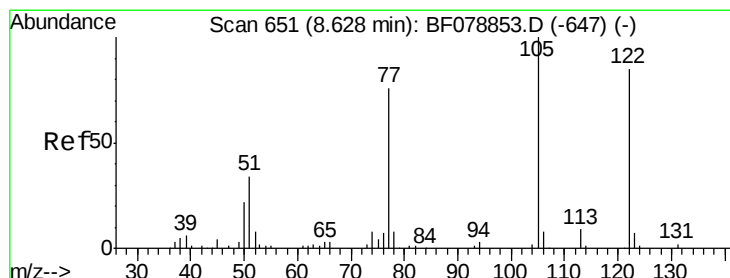
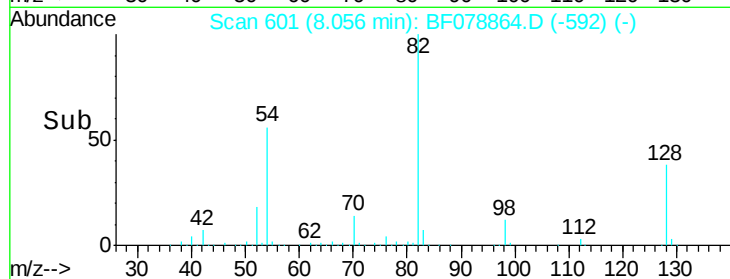
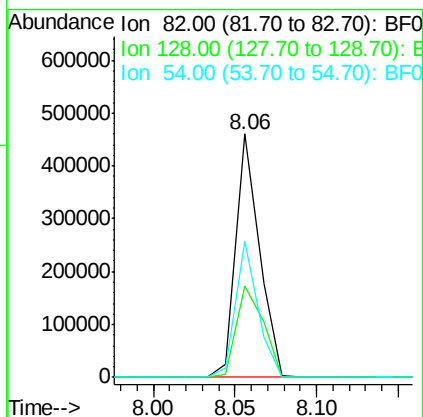
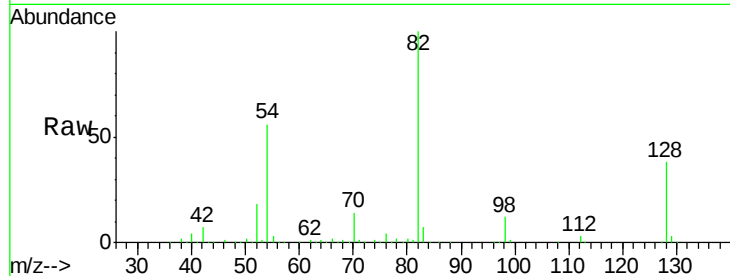




#23
Nitrobenzene-d5
Concen: 83.12 ng
RT: 8.06 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

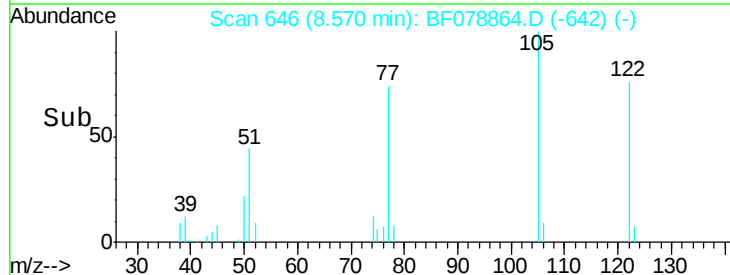
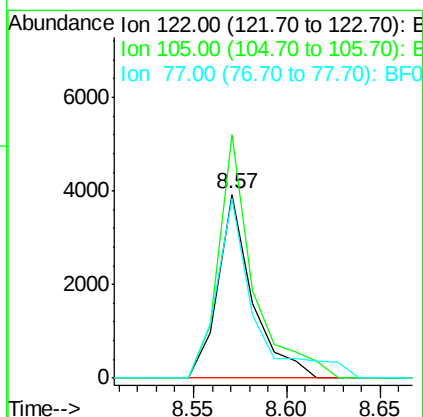
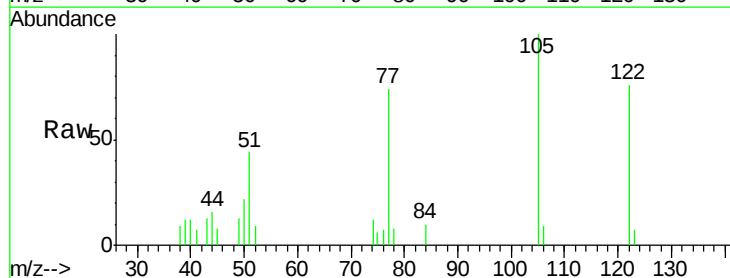
Instrument :
BNA_F
ClientSampleID :
SB-59D

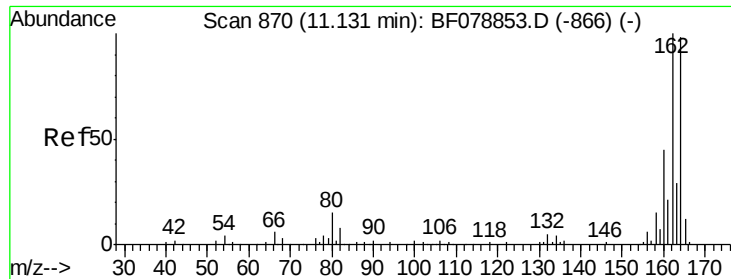
Tot Ion	82	Resp	458756
Ion Ratio	100	Lower	Upper
128	37.7	30.0	45.0
54	56.0	46.4	69.6



#32
Benzoic acid
Concen: 7.87 ng
RT: 8.57 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Tgt Ion	122	Resp	5108
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	132.4	107.1	147.1
77	97.8	73.9	113.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

Instrument :

BNA_F

ClientSampleId :

SB-59D

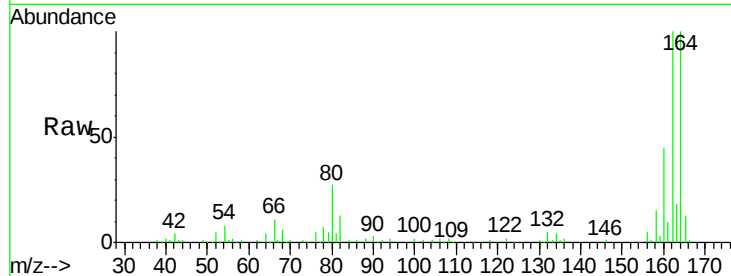
Tot Ion:164 Resp: 146451

Ion Ratio Lower Upper

164 100

162 99.9 82.7 124.1

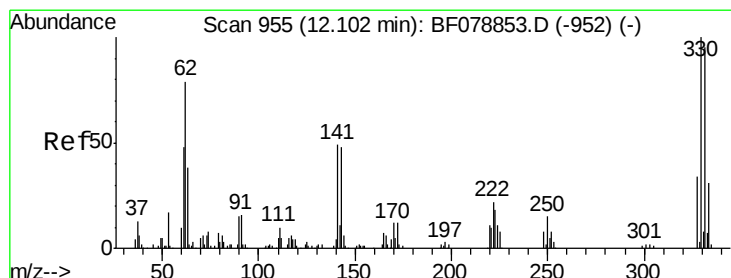
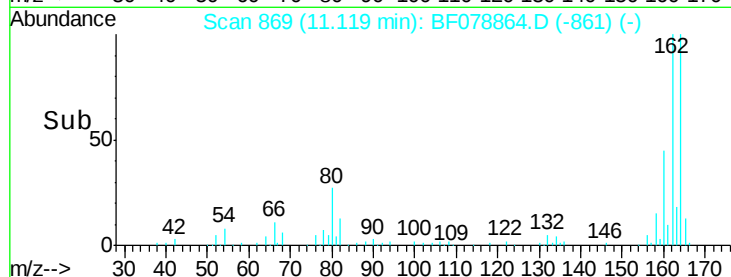
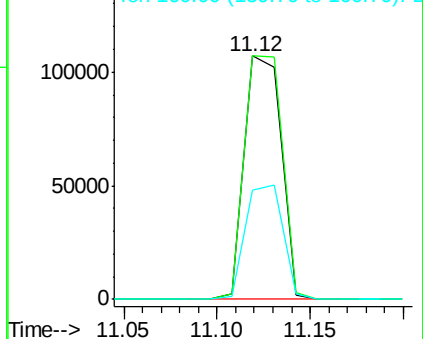
160 45.0 35.8 53.8



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: 148.93 ng

RT: 12.10 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF078864.D

Acq: 30 Apr 2015 23:12

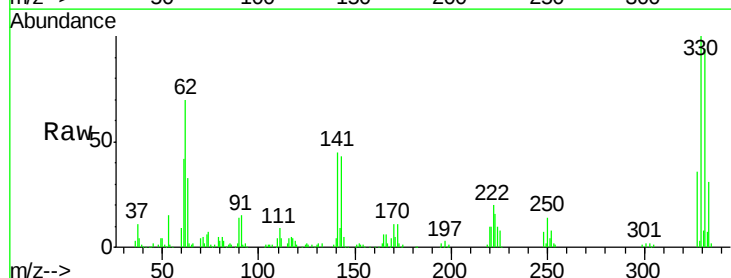
Tgt Ion:330 Resp: 235951

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

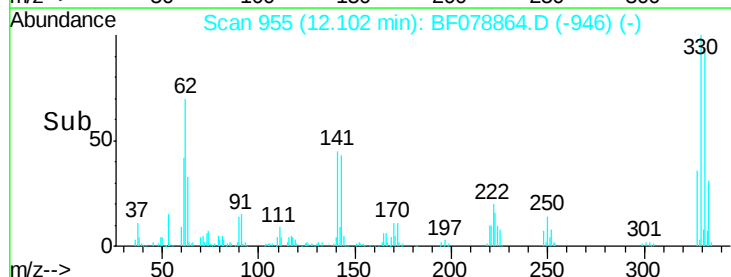
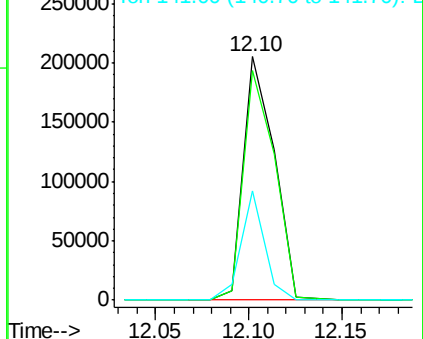
141 34.5 0.0 0.0#

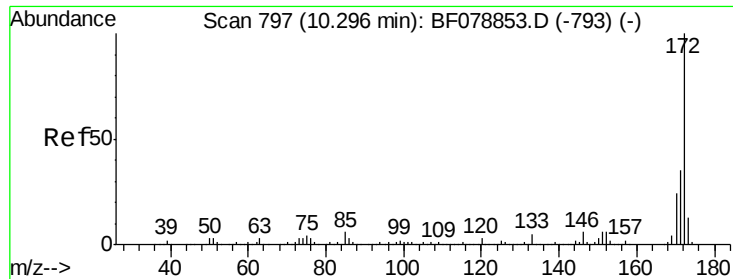


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

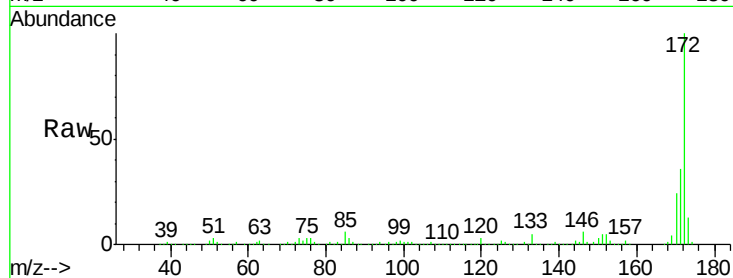




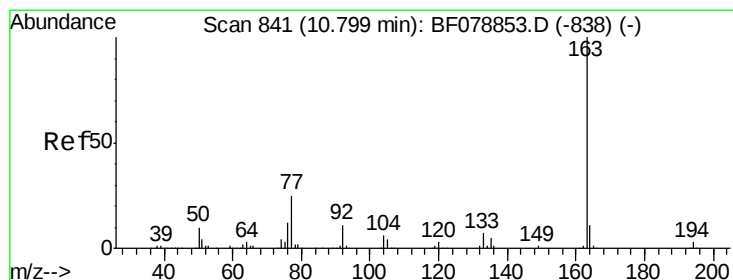
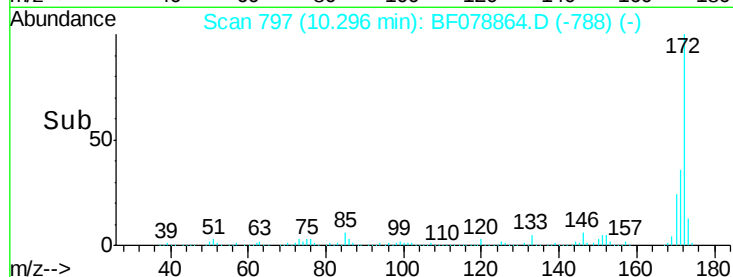
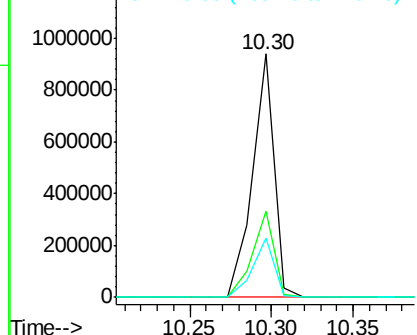
#44
2-Fluorobiphenyl
Concen: 82.09 ng
RT: 10.30 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Instrument :
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ClientSampleId :
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Tot Ion:172 Resp: 862950
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 24.3 19.4 29.0

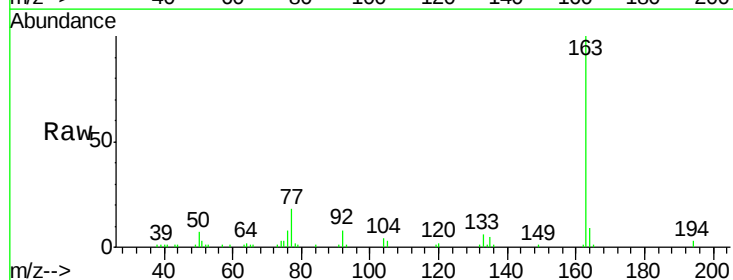


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

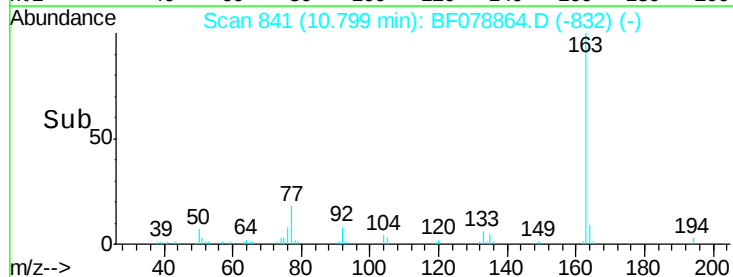
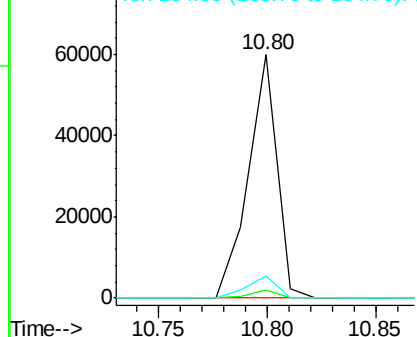


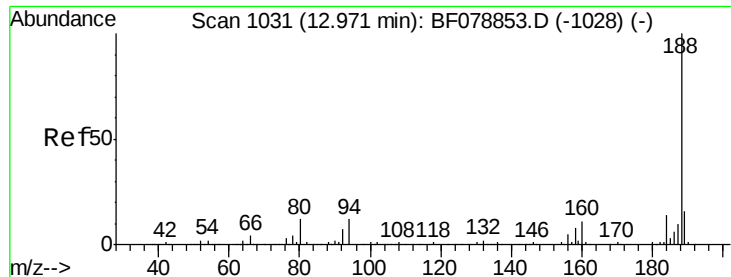
#49
Dimethylphthalate
Concen: 5.09 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Tgt Ion:163 Resp: 54660
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.2 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

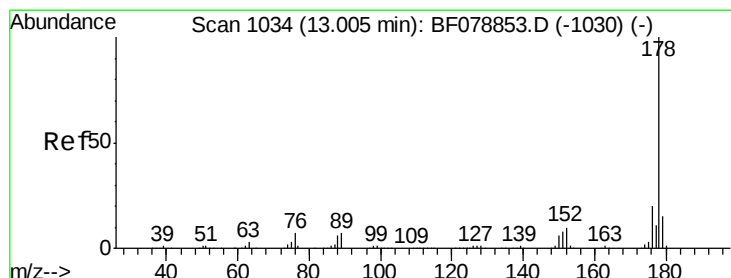
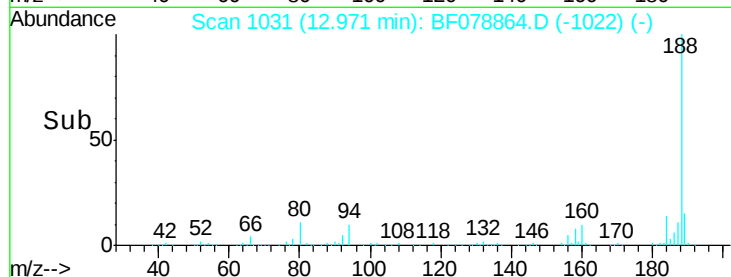
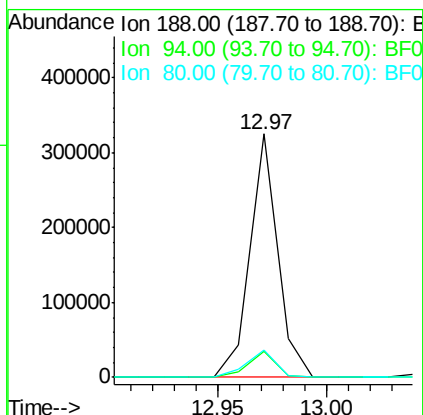
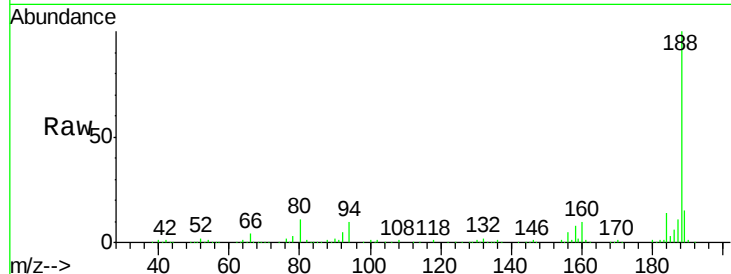




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

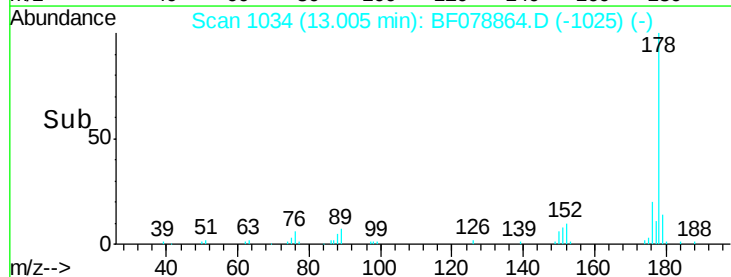
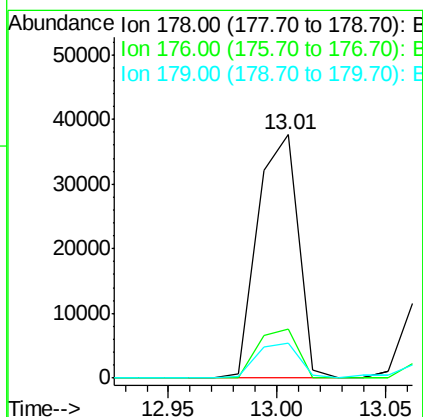
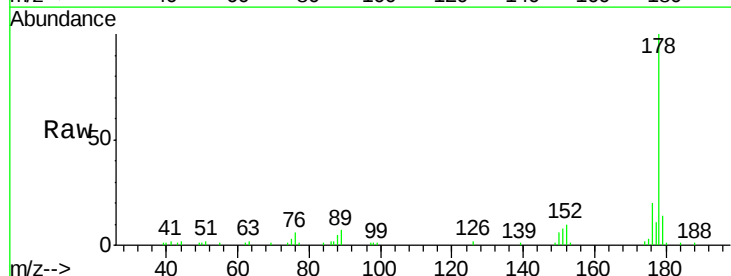
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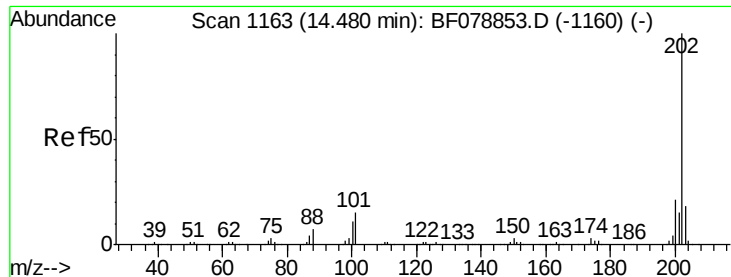
Tot Ion:188 Resp: 289227
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 11.3 8.9 13.3



#70
Phenanthrene
Concen: 3.04 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Tgt Ion:178 Resp: 49146
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 14.1 12.5 18.7

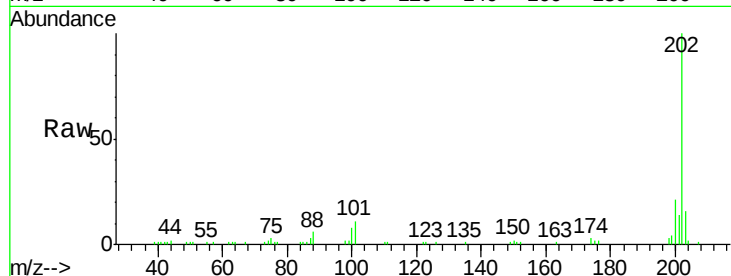




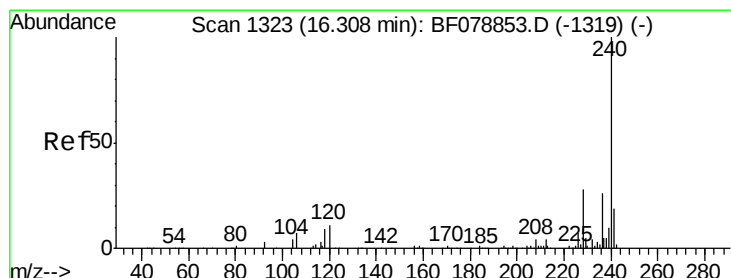
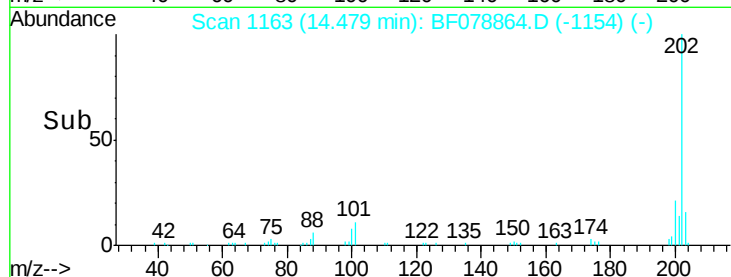
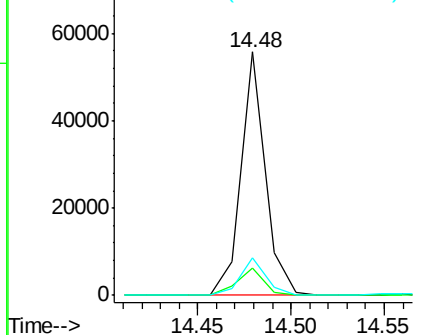
#74
 Fluoranthene
 Concen: 3.01 ng
 RT: 14.48 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF078864.D
 Acq: 30 Apr 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-59D

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.6
203	15.7	0.0	38.4

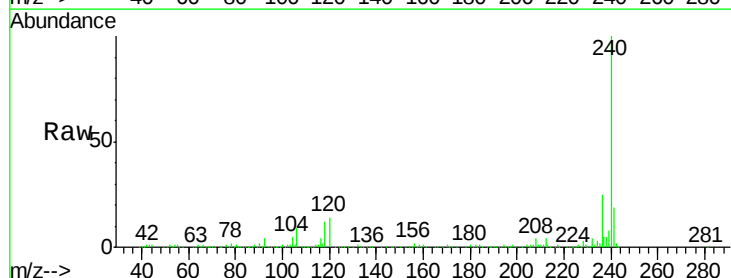


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

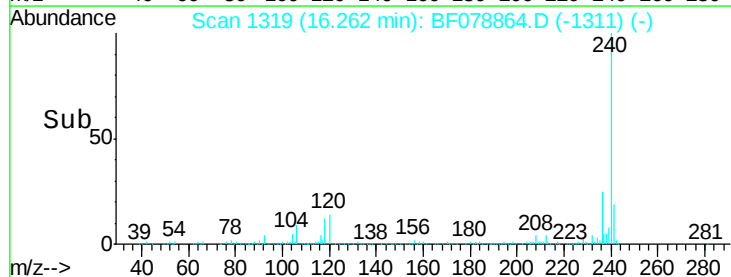
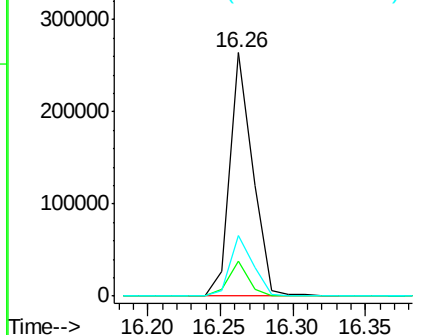


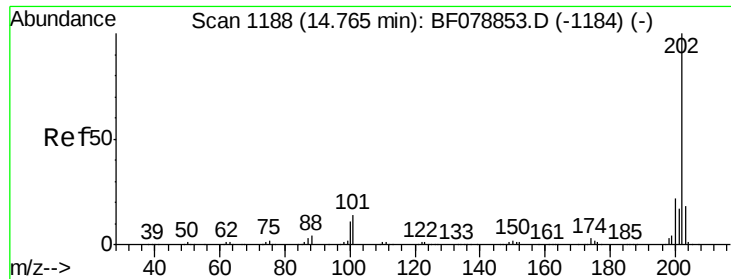
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF078864.D
 Acq: 30 Apr 2015 23:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.7	14.5
236	24.9	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

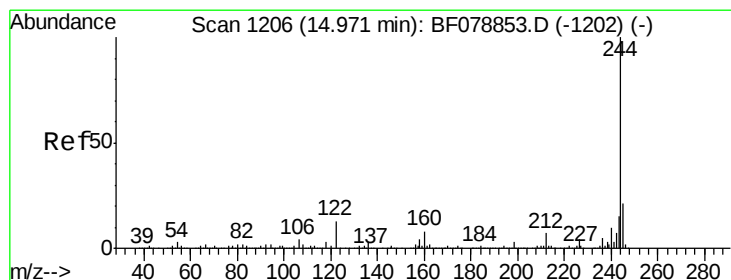
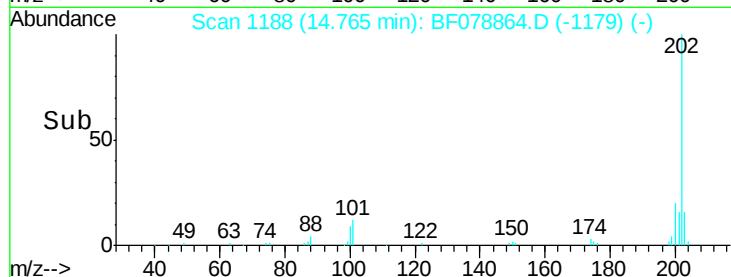
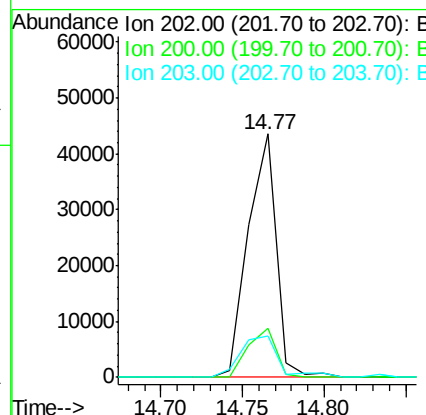
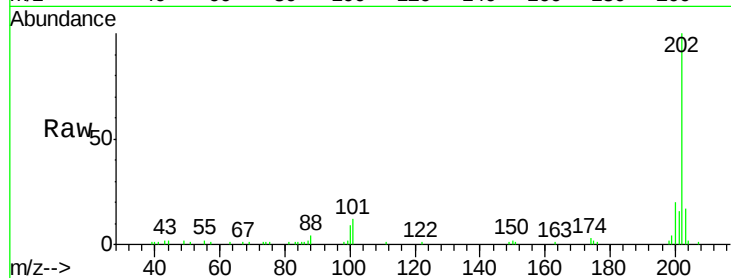




#77
Pvrene
Concen: 3.12 ng
RT: 14.77 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

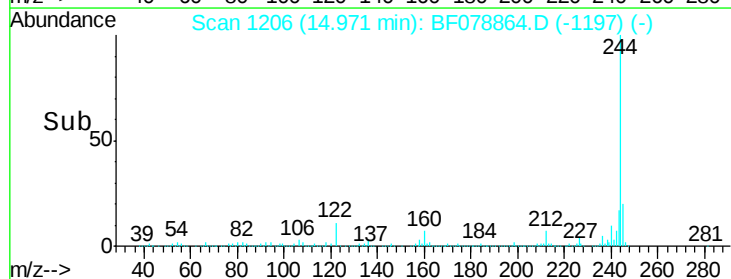
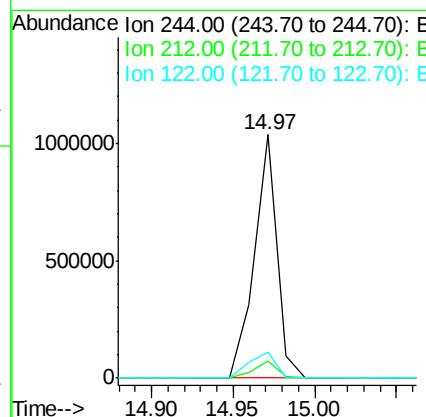
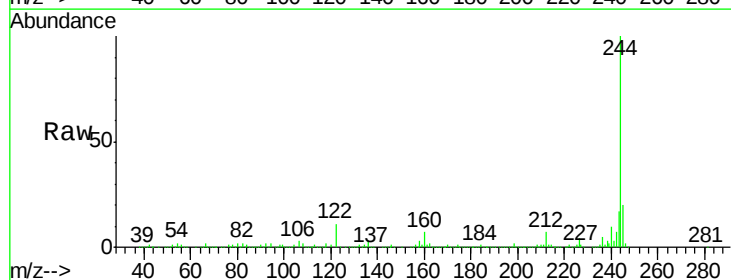
Instrument :
BNA_F
ClientSampleId :
SB-59D

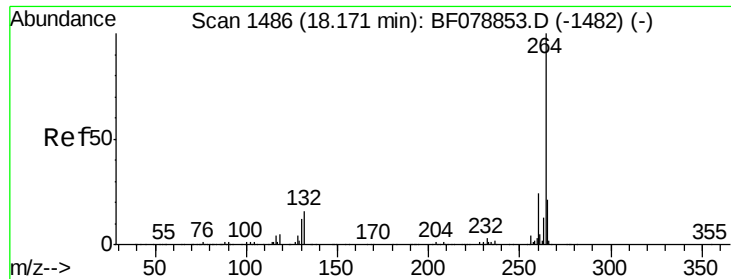
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.5	26.3
203	17.1	13.9	20.9



#78
Terphenyl-d14
Concen: 82.59 ng
RT: 14.97 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF078864.D
Acq: 30 Apr 2015 23:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.7	10.3	15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF078864.D
 Acq: 30 Apr 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-59D

Tot Ion:264 Resp: 303492
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.7 18.3 27.5

