

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040315\
 Data File : BF078245.D
 Acq On : 3 Apr 2015 16:46
 Operator : TP/IZ
 Sample : G1731-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Apr 03 22:50:41 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 23:29:56 2015
 Response via : Initial Calibration

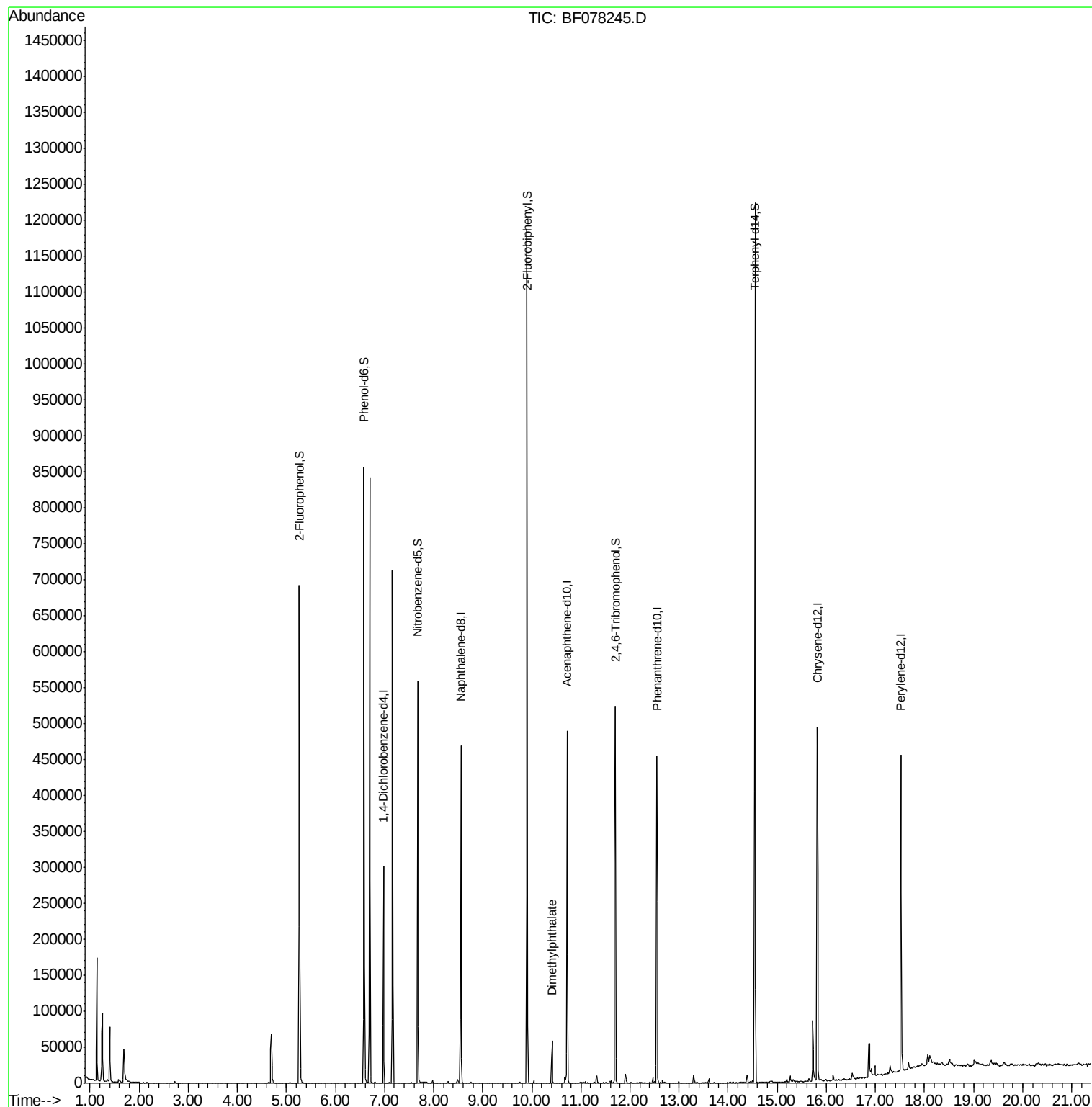
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	49731	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	208460	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	106944	20.00	ng	-0.01
63) Phenanthrene-d10	12.55	188	210955	20.00	ng	-0.01
75) Chrysene-d12	15.81	240	224634	20.00	ng	-0.02
86) Perylene-d12	17.52	264	205959	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	229660	76.14	ng	0.00
7) Phenol-d6	6.58	99	295500	78.17	ng	-0.01
23) Nitrobenzene-d5	7.68	82	173688	50.50	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	72070	81.26	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	375438	50.18	ng	0.00
78) Terphenyl-d14	14.55	244	430842	43.34	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.42	163	33951	4.23	ng	Qvalue # 95

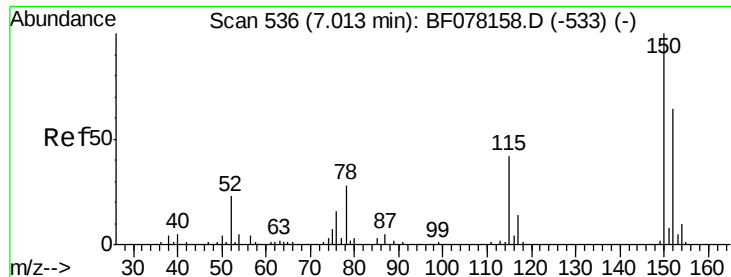
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078245.D

Acq: 3 Apr 2015 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-1

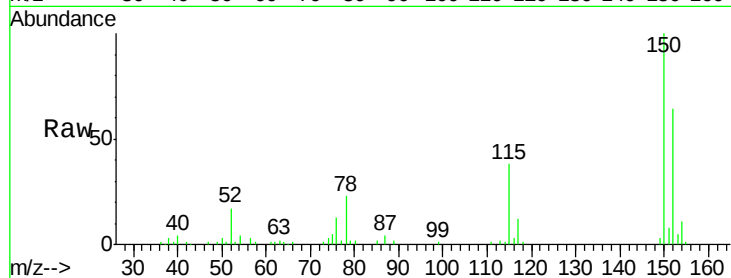
Tgt Ion:152 Resp: 49731

Ion Ratio Lower Upper

152 100

150 155.8 125.9 188.9

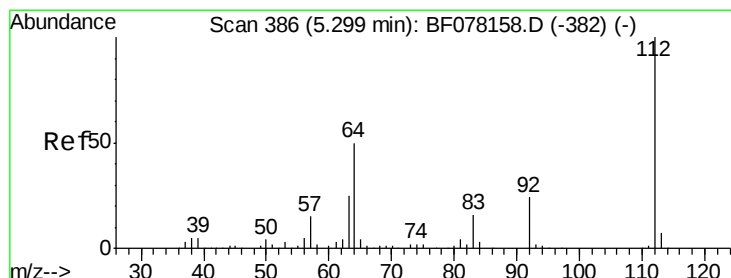
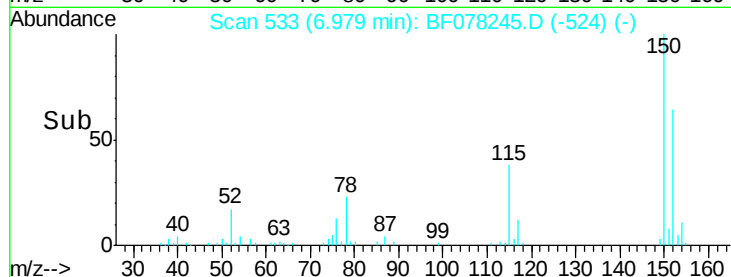
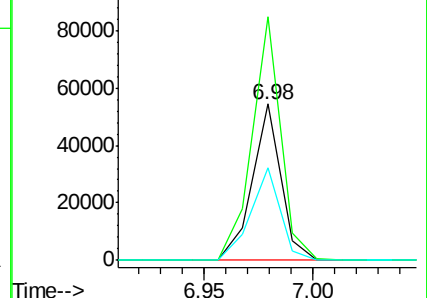
115 59.2 52.7 79.1



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: 76.14 ng

RT: 5.26 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF078245.D

Acq: 3 Apr 2015 16:46

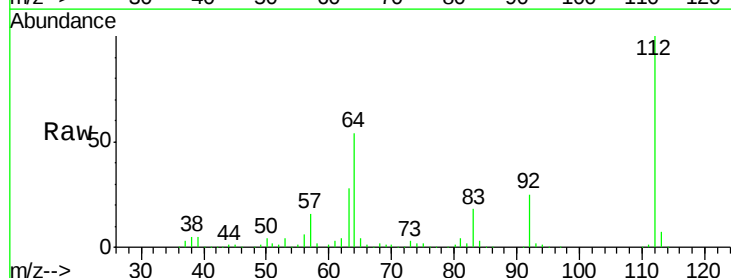
Tgt Ion:112 Resp: 229660

Ion Ratio Lower Upper

112 100

64 54.0 39.9 59.9

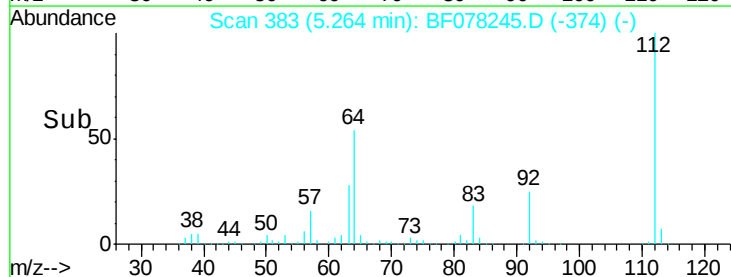
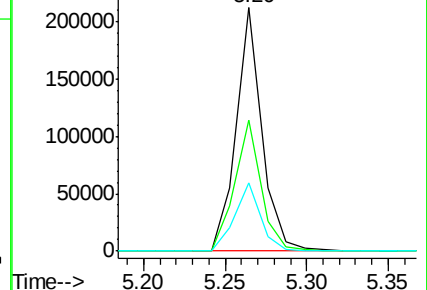
63 28.2 20.2 30.4



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: 78.17 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF078245.D

Acq: 3 Apr 2015 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-1

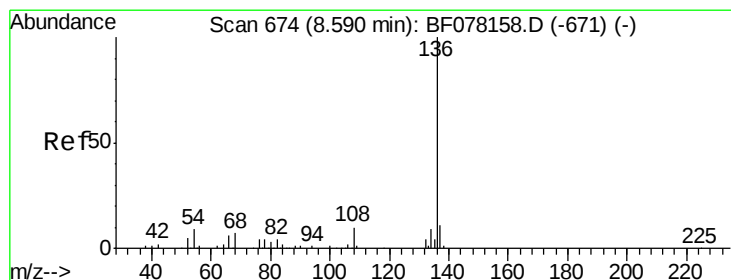
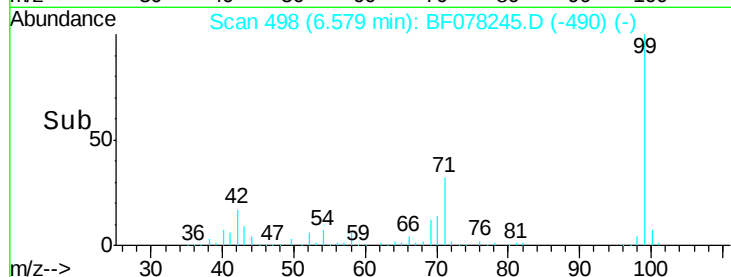
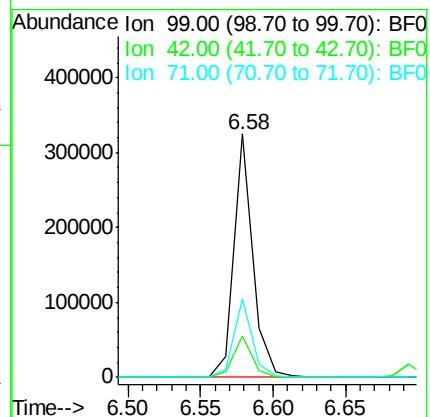
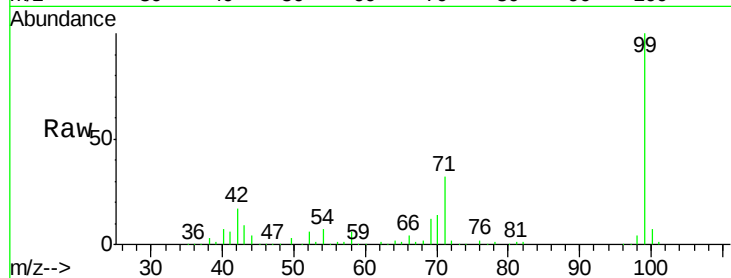
Tgt Ion: 99 Resp: 295500

Ion Ratio Lower Upper

99 100

42 17.2 14.8 22.2

71 32.3 26.6 39.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF078245.D

Acq: 3 Apr 2015 16:46

Tgt Ion: 136 Resp: 208460

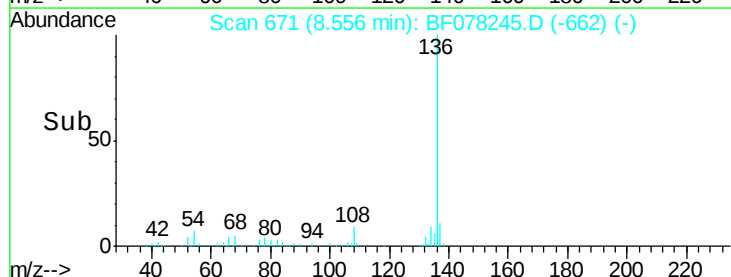
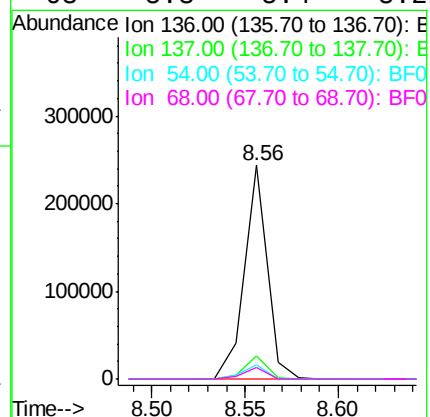
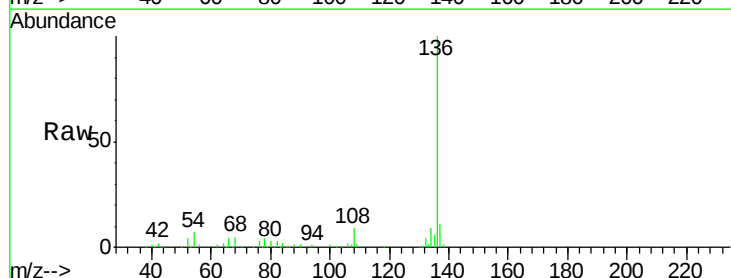
Ion Ratio Lower Upper

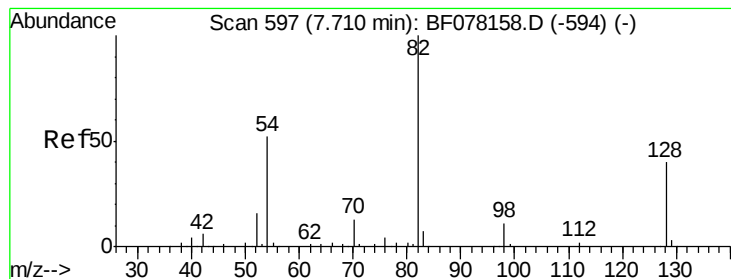
136 100

137 10.7 9.0 13.4

54 6.9 7.0 10.6#

68 5.3 5.4 8.2#





#23

Nitrobenzene-d5

Concen: 50.50 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF078245.D

Acq: 3 Apr 2015 16:46

Instrument :

BNA_F

ClientSampled :

COMP-1

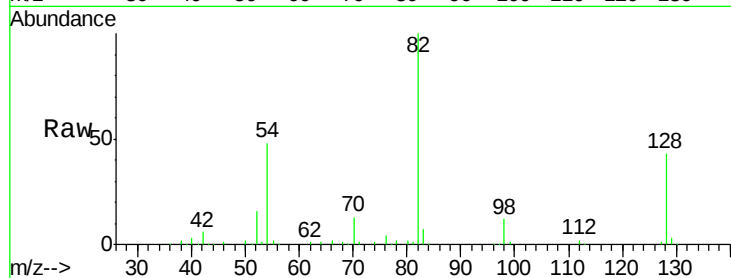
Tgt Ion: 82 Resp: 173688

Ion Ratio Lower Upper

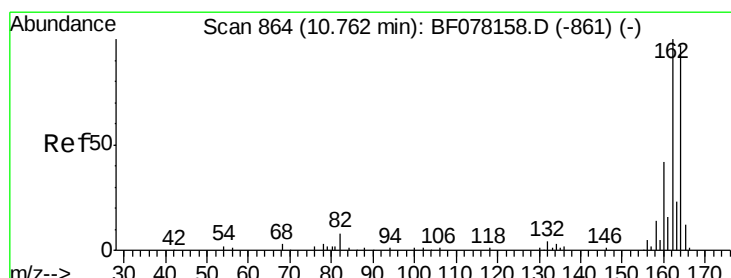
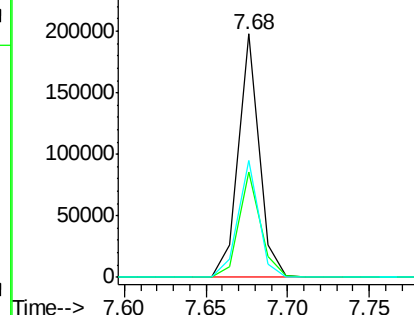
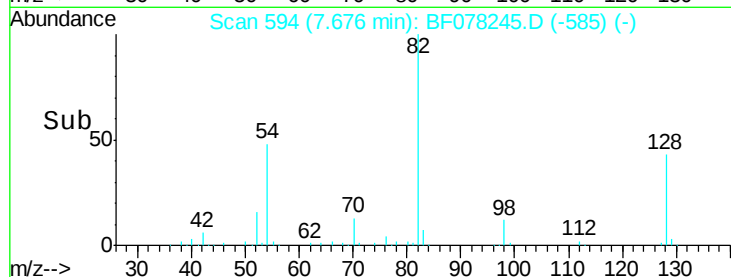
82 100

128 43.4 31.8 47.8

54 47.9 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.72 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF078245.D

Acq: 3 Apr 2015 16:46

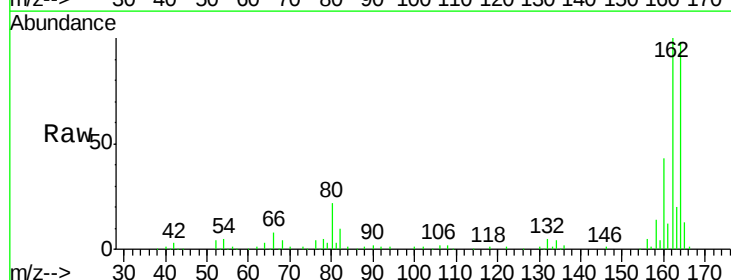
Tgt Ion: 164 Resp: 106944

Ion Ratio Lower Upper

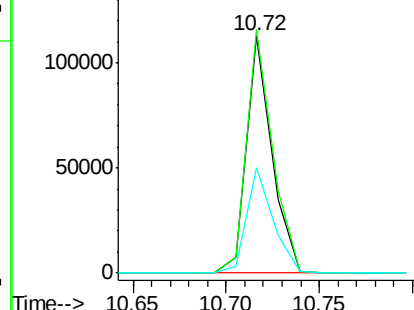
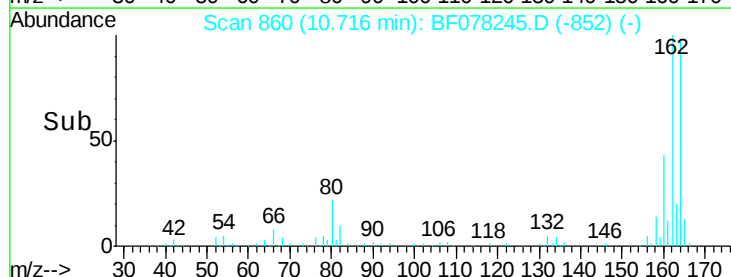
164 100

162 102.4 82.2 123.2

160 44.3 34.7 52.1



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

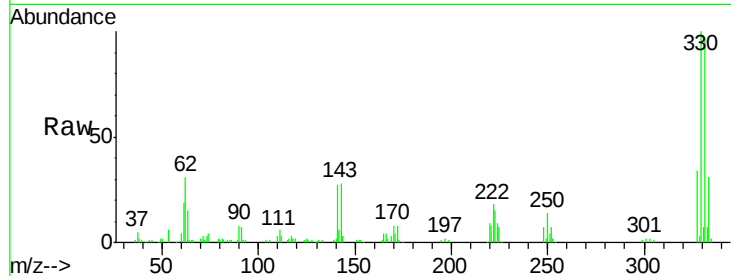




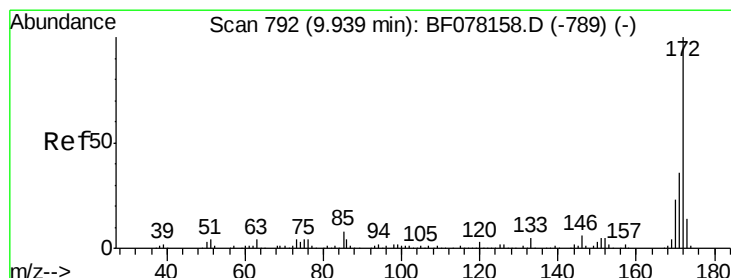
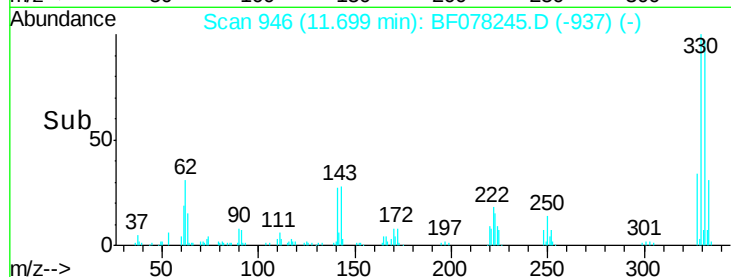
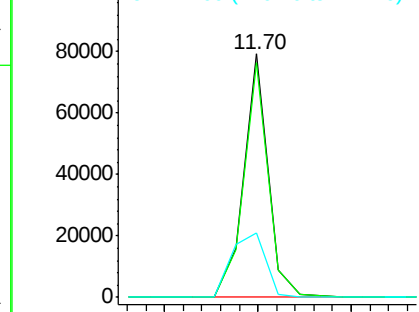
#41
 2,4,6-Tribromophenol
 Concen: 81.26 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078245.D
 Acq: 3 Apr 2015 16:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Tgt Ion: 330 Resp: 72070
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.6 117.8
 141 37.9 31.2 46.8

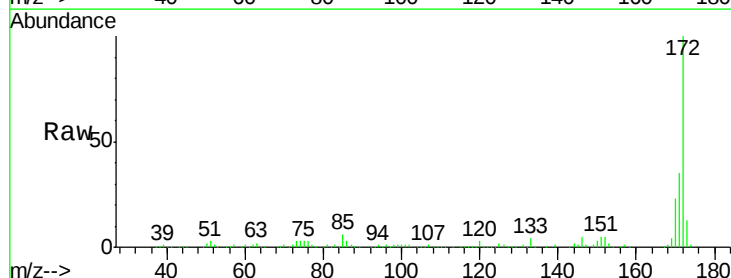


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

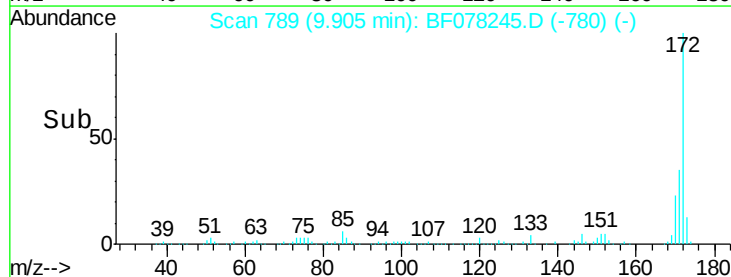
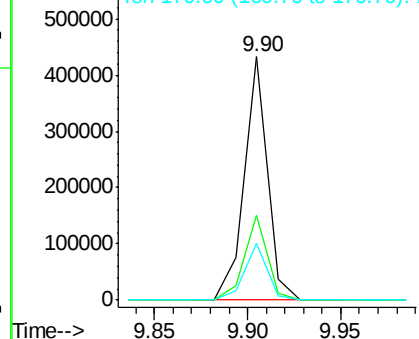


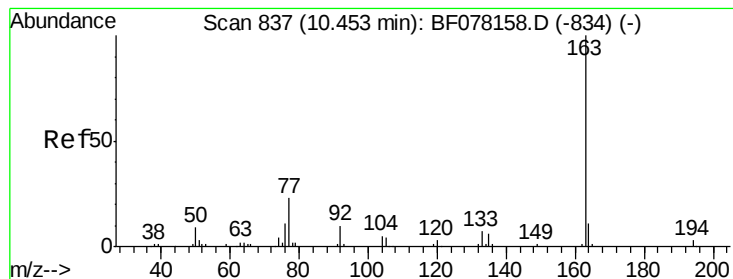
#44
 2-Fluorobiphenyl
 Concen: 50.18 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078245.D
 Acq: 3 Apr 2015 16:46

Tgt Ion: 172 Resp: 375438
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.6 42.8
 170 23.4 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





#49

Dimethylphthalate

Concen: 4.23 ng

RT: 10.42 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF078245.D

Acq: 3 Apr 2015 16:46

Instrument :

BNA_F

ClientSampleId :

COMP-1

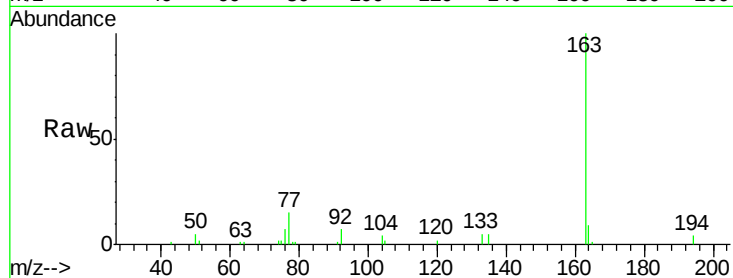
Tgt Ion:163 Resp: 33951

Ion Ratio Lower Upper

163 100

194 3.8 2.3 3.5#

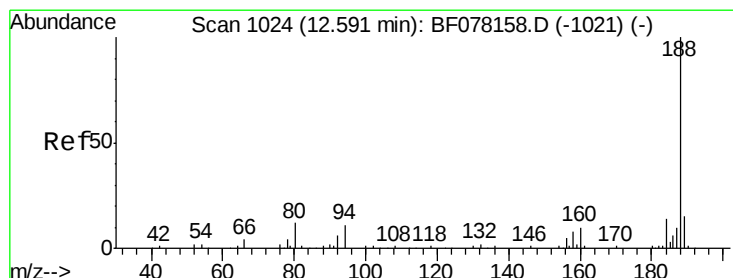
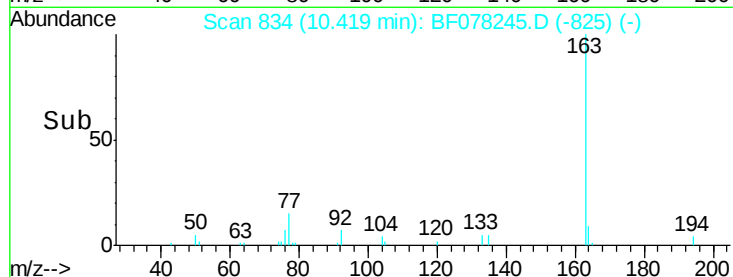
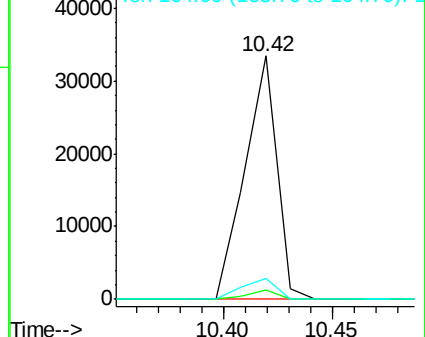
164 8.8 8.6 13.0



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: 12.55 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF078245.D

Acq: 3 Apr 2015 16:46

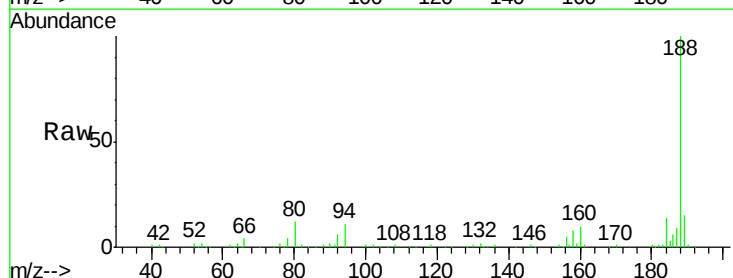
Tgt Ion:188 Resp: 210955

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.4

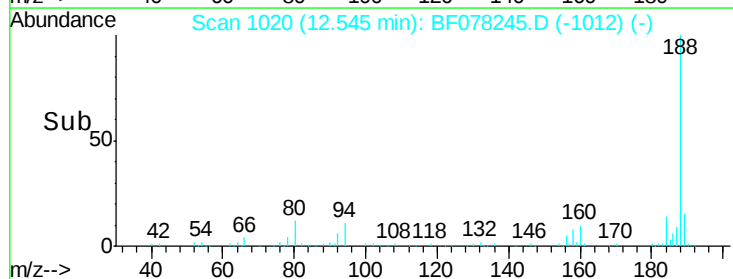
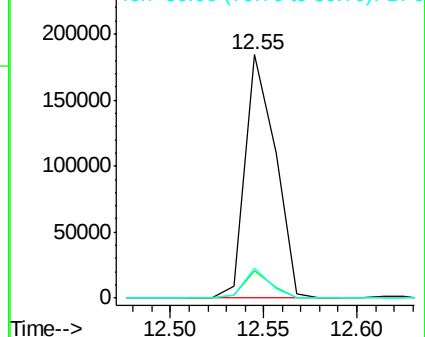
80 12.4 9.5 14.3

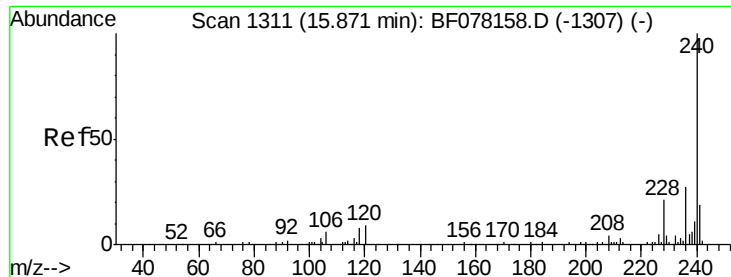


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

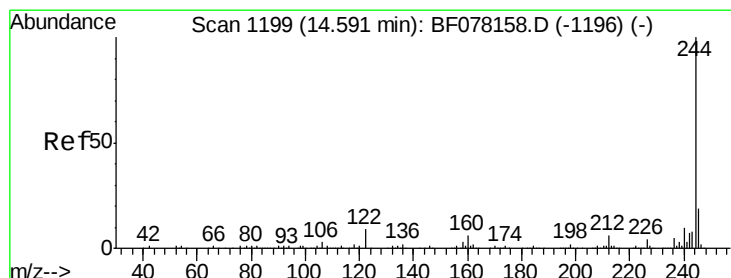
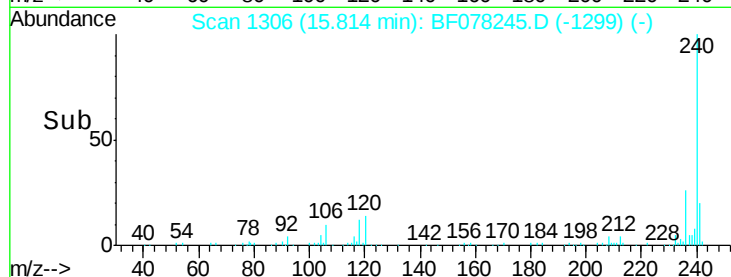
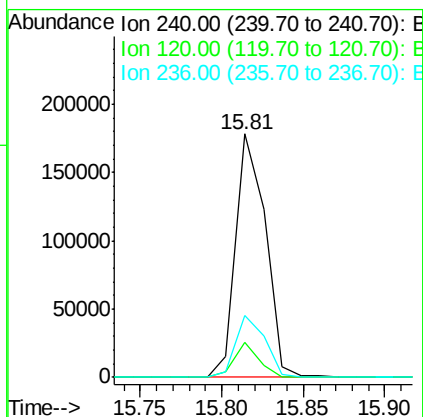
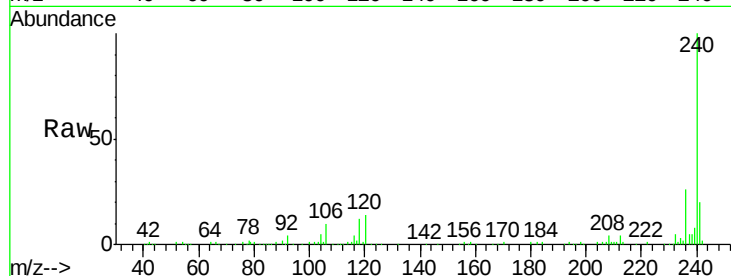




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF078245.D
Acq: 3 Apr 2015 16:46

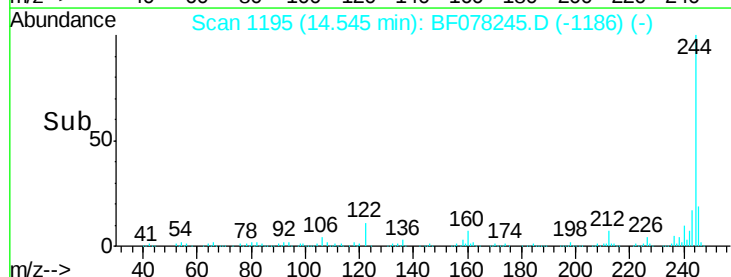
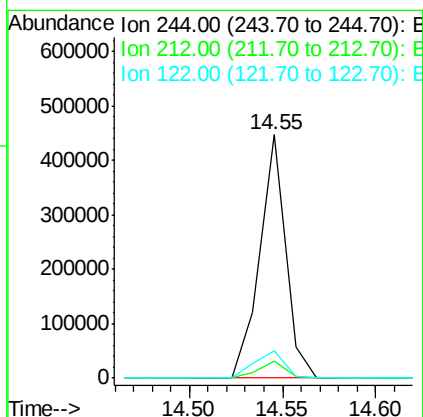
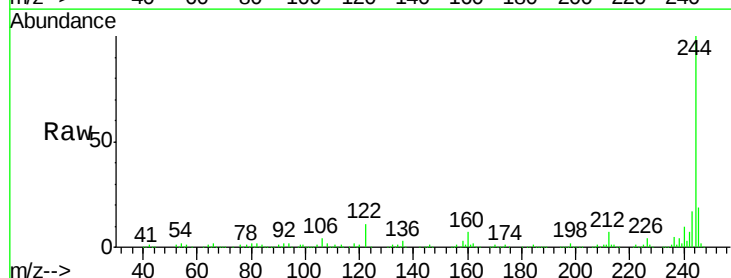
Instrument :
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COMP-1

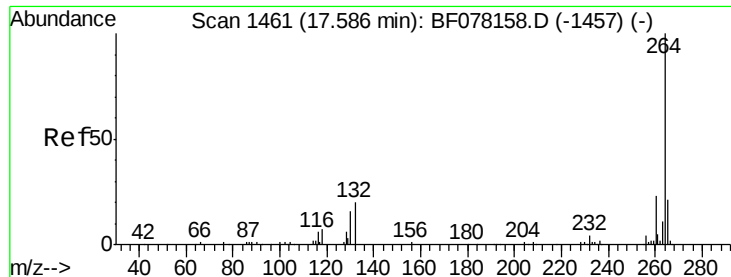
Tgt Ion:240 Resp: 224634
Ion Ratio Lower Upper
240 100
120 14.4 7.1 10.7#
236 25.5 21.4 32.2



#78
Terphenyl-d14
Concen: 43.34 ng
RT: 14.55 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF078245.D
Acq: 3 Apr 2015 16:46

Tgt Ion:244 Resp: 430842
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 11.3 7.1 10.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.52 min Scan# 1455
Delta R.T. -0.08 min
Lab File: BF078245.D
Acq: 3 Apr 2015 16:46

Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 264 Resp: 205959
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 22.4 17.0 25.6

