

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078620.D
 Acq On : 18 Apr 2015 00:04
 Operator : TP/IZ
 Sample : G1872-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Quant Time: Apr 18 01:54:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 00:02:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	28721	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	124758	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	62808	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	131279	20.00	ng	0.00
75) Chrysene-d12	15.46	240	161767	20.00	ng	0.00
86) Perylene-d12	17.12	264	160127	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	100521	57.71	ng	-0.01
7) Phenol-d6	6.27	99	83415	38.21	ng	-0.01
23) Nitrobenzene-d5	7.38	82	156693	76.13	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	73431	140.97	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	337604	76.83	ng	0.00
78) Terphenyl-d14	14.21	244	458288	64.02	ng	0.00

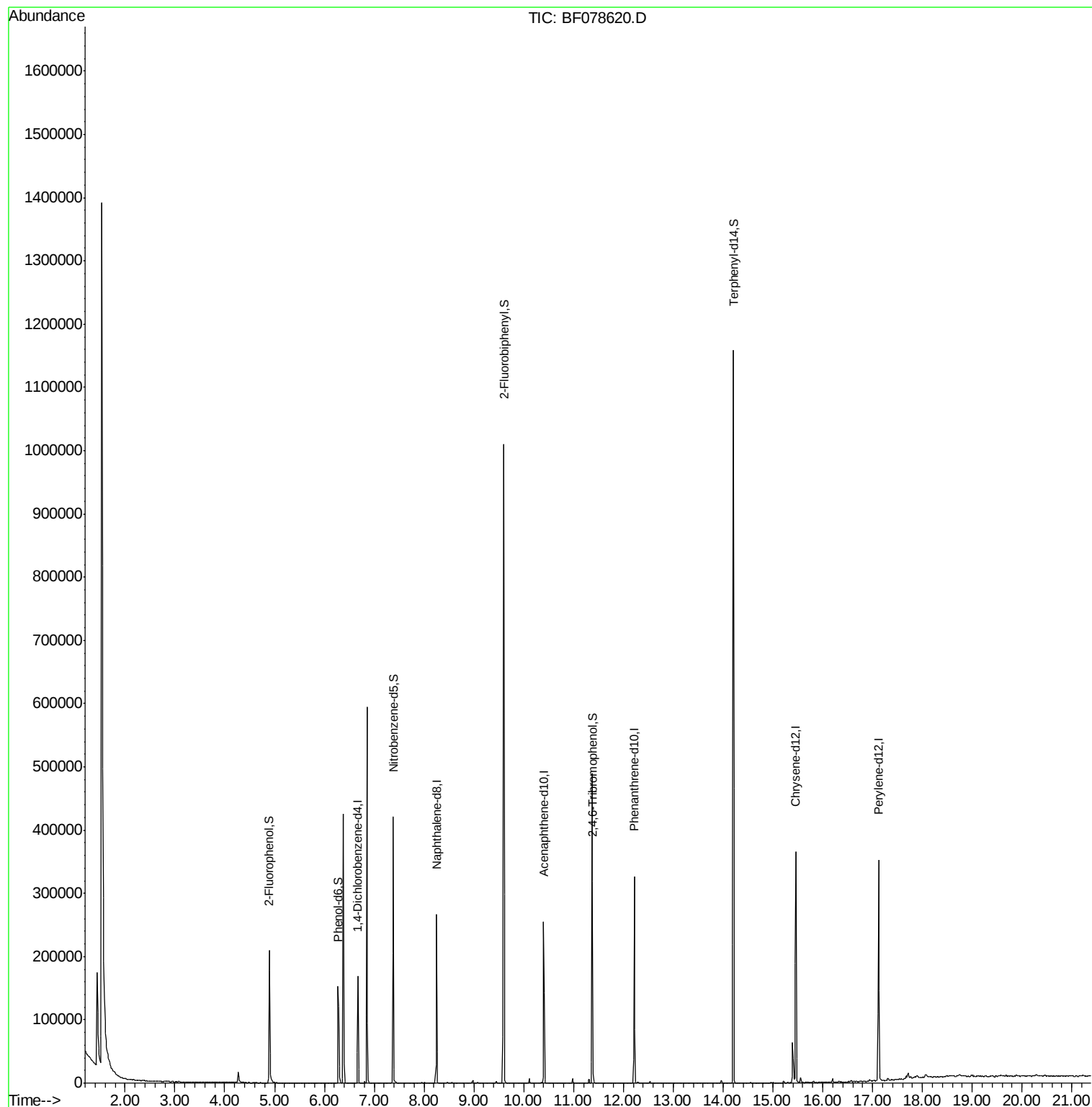
Target Compounds Qvalue

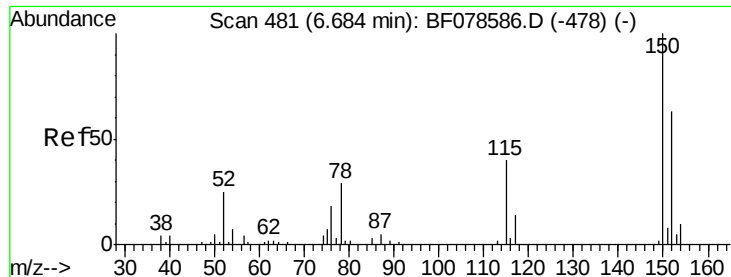
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF078620.D

Acq: 18 Apr 2015 00:04

Instrument :

BNA_F

ClientSampleId :

MW-33

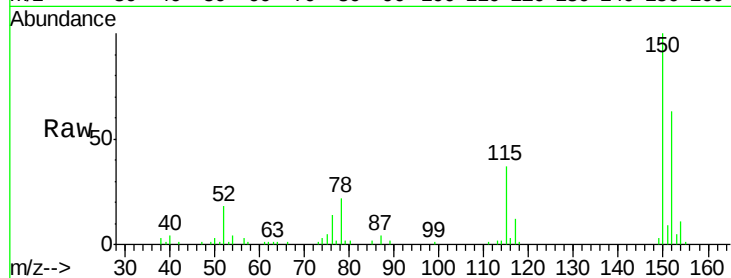
Tot Ion:152 Resp: 28721

Ion Ratio Lower Upper

152 100

150 158.2 125.9 188.9

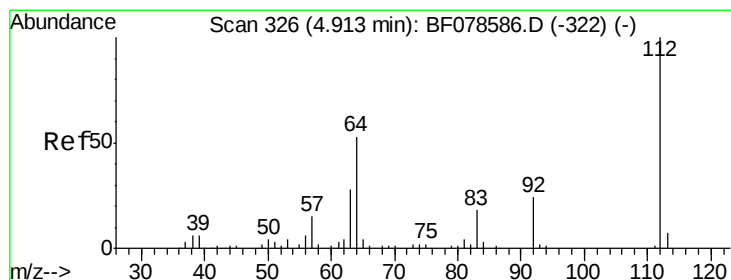
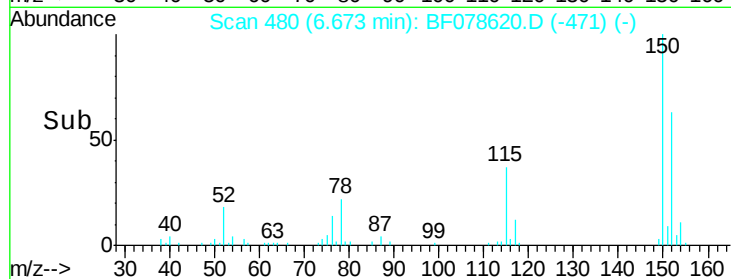
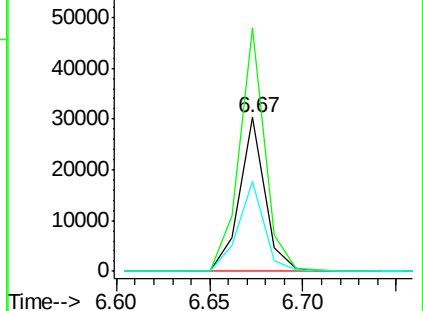
115 58.3 52.7 79.1



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: 57.71 ng

RT: 4.89 min Scan# 324

Delta R.T. -0.01 min

Lab File: BF078620.D

Acq: 18 Apr 2015 00:04

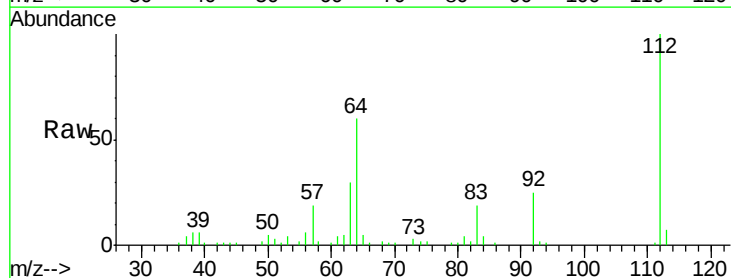
Tgt Ion:112 Resp: 100521

Ion Ratio Lower Upper

112 100

64 59.9 39.9 59.9#

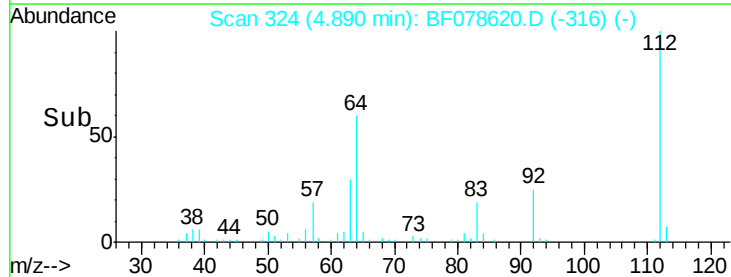
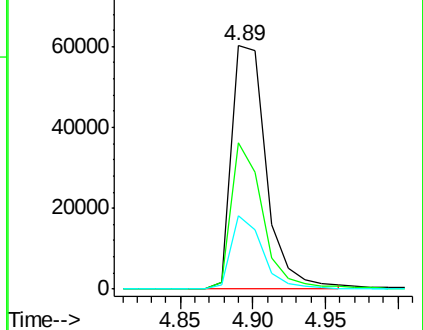
63 30.3 20.2 30.4



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: 38.21 ng

RT: 6.27 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF078620.D

Acq: 18 Apr 2015 00:04

Instrument :

BNA_F

ClientSampleId :

MW-33

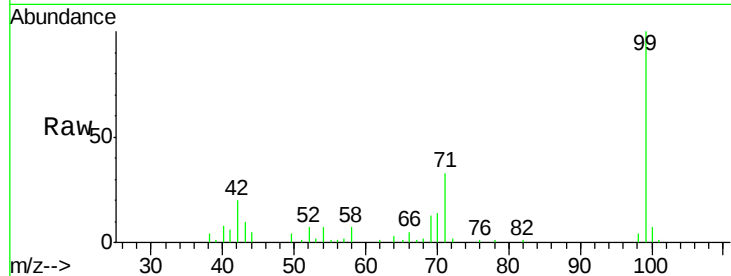
Tot Ion: 99 Resp: 83415

Ion Ratio Lower Upper

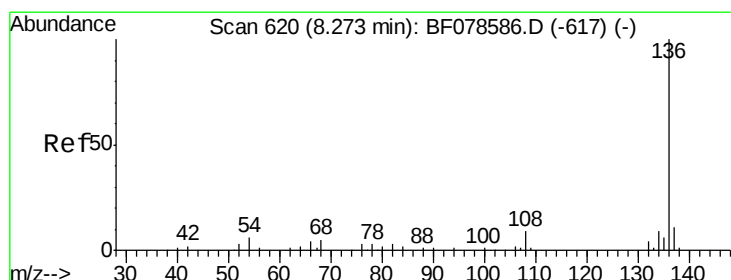
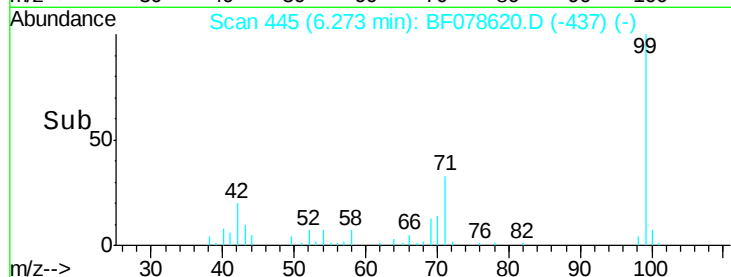
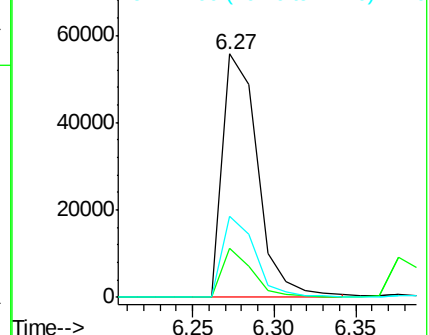
99 100

42 20.1 14.8 22.2

71 33.3 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF078620.D

Acq: 18 Apr 2015 00:04

Tgt Ion: 136 Resp: 124758

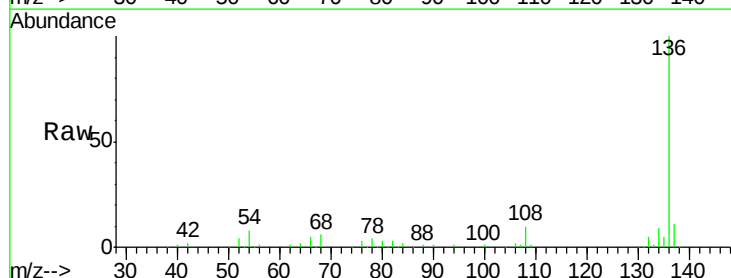
Ion Ratio Lower Upper

136 100

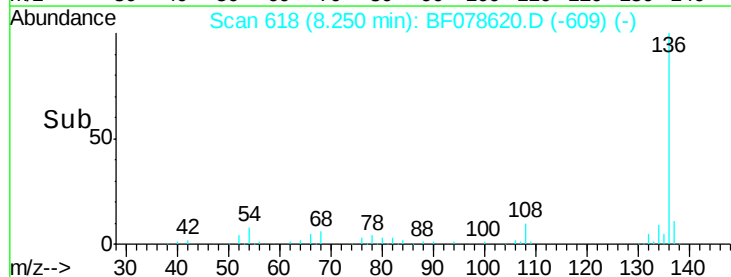
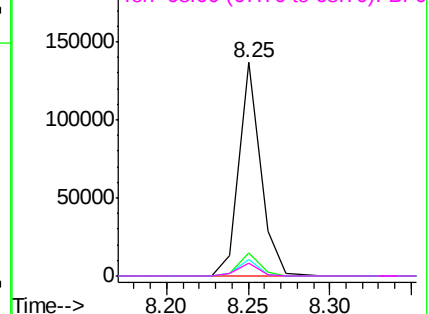
137 10.8 9.0 13.4

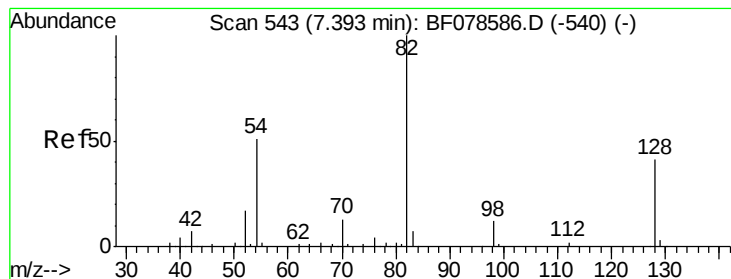
54 7.5 7.0 10.6

68 5.7 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 76.13 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078620.D

Acq: 18 Apr 2015 00:04

Instrument :

BNA_F

ClientSampleID :

MW-33

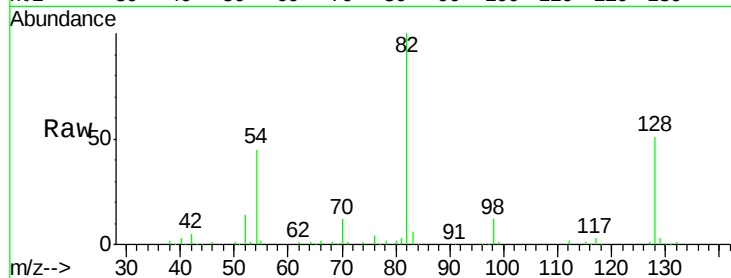
Tot Ion: 82 Resp: 156693

Ion Ratio Lower Upper

82 100

128 50.8 31.8 47.8#

54 44.9 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078586.D (-540) (-)

Ion 128.00 (127.70 to 128.70): BF078586.D (-540) (-)

Ion 54.00 (53.70 to 54.70): BF078586.D (-540) (-)

7.38

150000

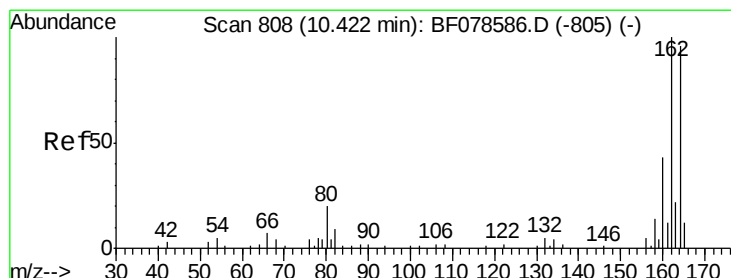
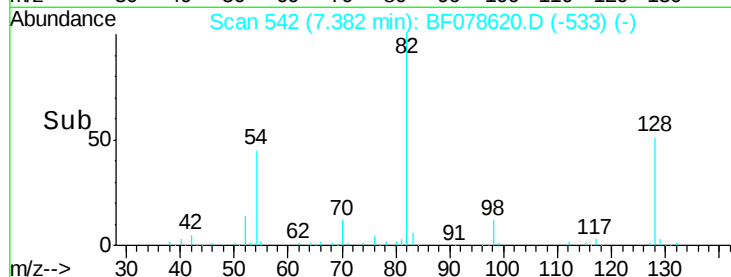
100000

50000

0

7.30 7.35 7.40 7.45

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF078620.D

Acq: 18 Apr 2015 00:04

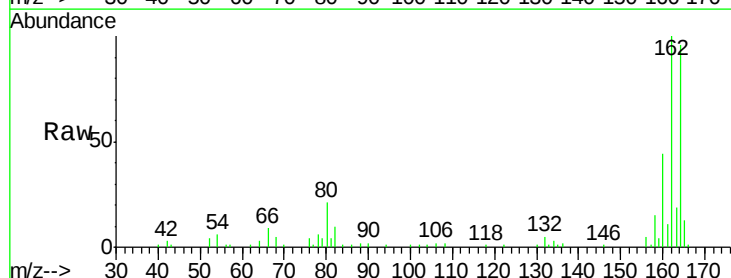
Tgt Ion:164 Resp: 62808

Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.2

160 45.3 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BF078586.D (-805) (-)

Ion 162.00 (161.70 to 162.70): BF078586.D (-805) (-)

Ion 160.00 (159.70 to 160.70): BF078586.D (-805) (-)

10.40

80000

60000

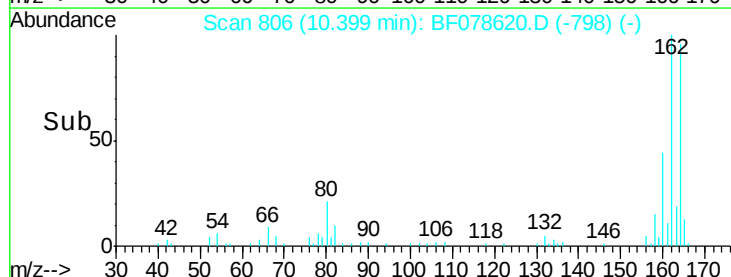
40000

20000

0

10.35 10.40 10.45

Time-->

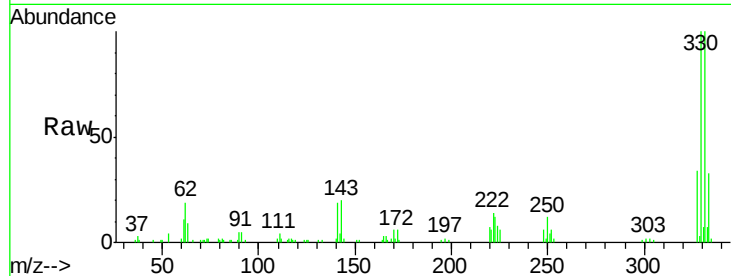




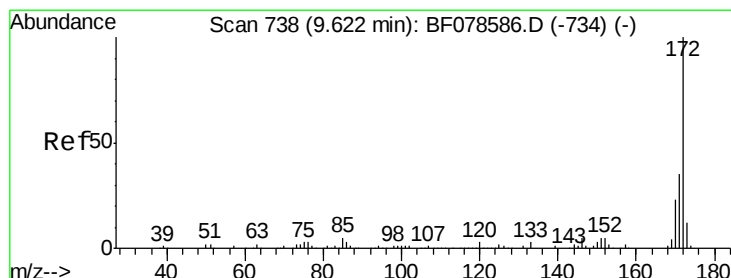
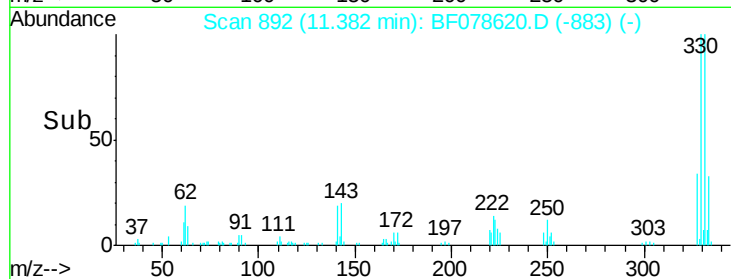
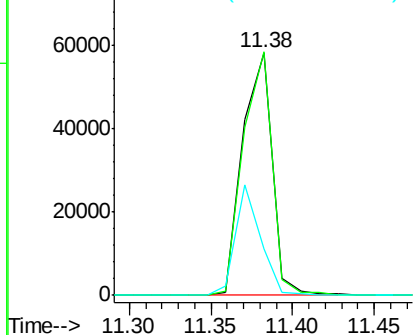
#41
 2,4,6-Tribromophenol
 Concen: 140.97 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF078620.D
 Acq: 18 Apr 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Tot Ion:330 Resp: 73431
 Ion Ratio Lower Upper
 330 100
 332 97.7 78.6 117.8
 141 38.3 31.2 46.8

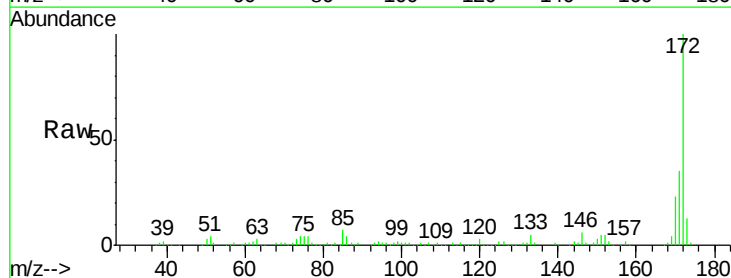


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

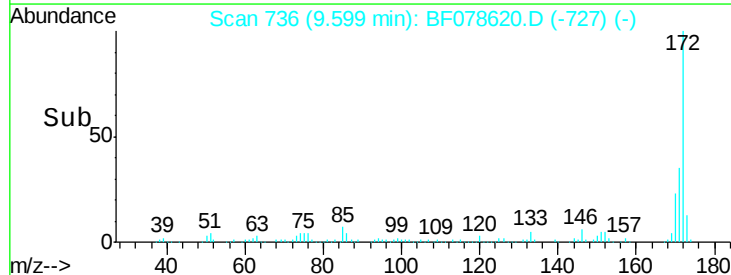
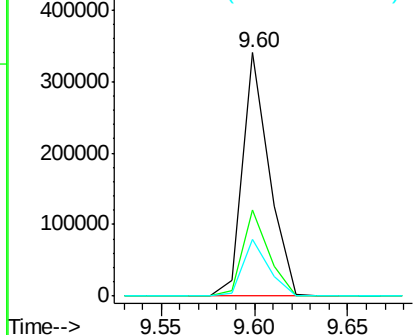


#44
 2-Fluorobiphenyl
 Concen: 76.83 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF078620.D
 Acq: 18 Apr 2015 00:04

Tgt Ion:172 Resp: 337604
 Ion Ratio Lower Upper
 172 100
 171 35.3 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

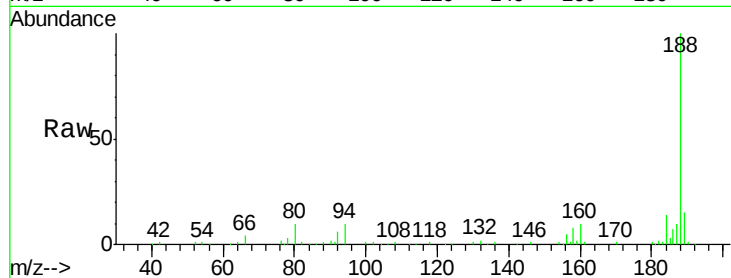




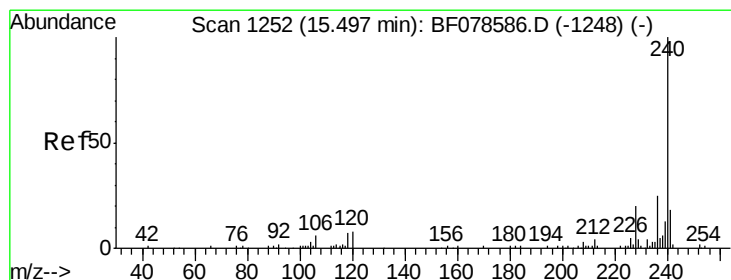
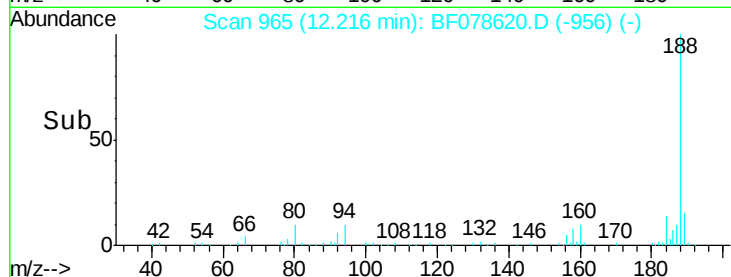
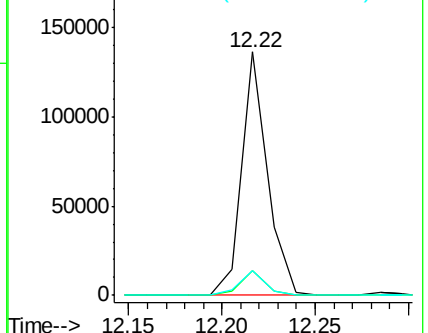
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF078620.D
Acq: 18 Apr 2015 00:04

Instrument :
BNA_F
ClientSampleId :
MW-33

Tot Ion:188 Resp: 131279
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.4
80 10.4 9.5 14.3

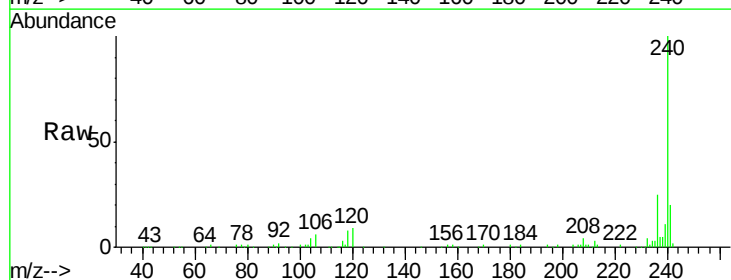


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

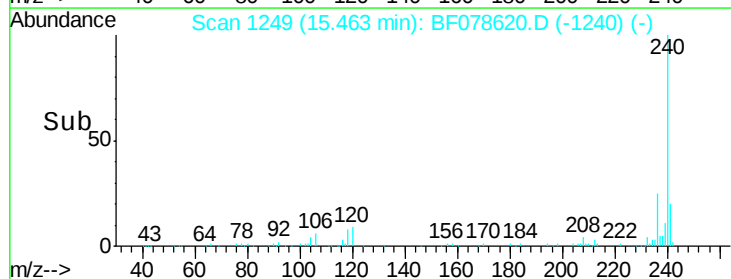
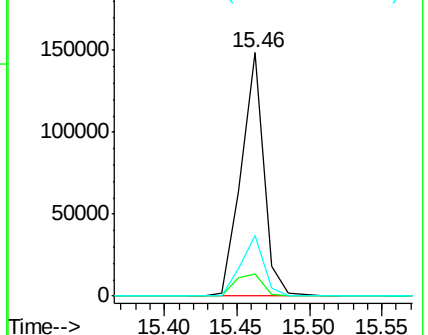


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF078620.D
Acq: 18 Apr 2015 00:04

Tgt Ion:240 Resp: 161767
Ion Ratio Lower Upper
240 100
120 9.2 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

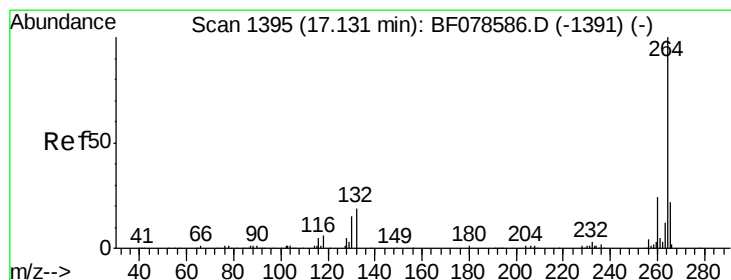
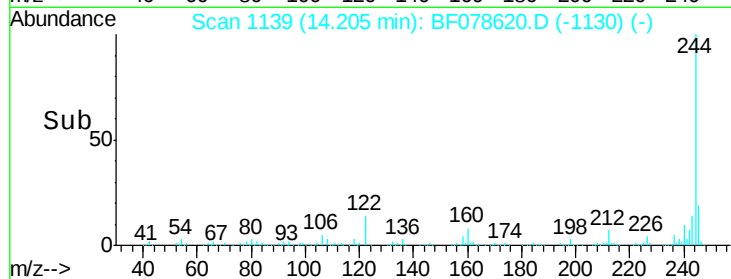
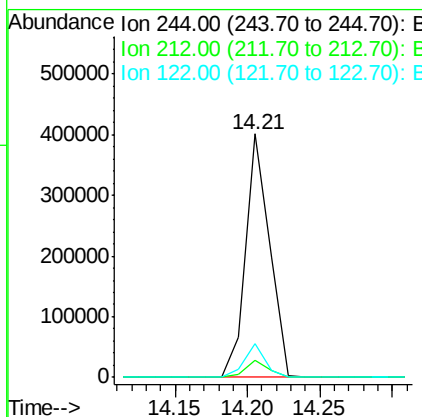
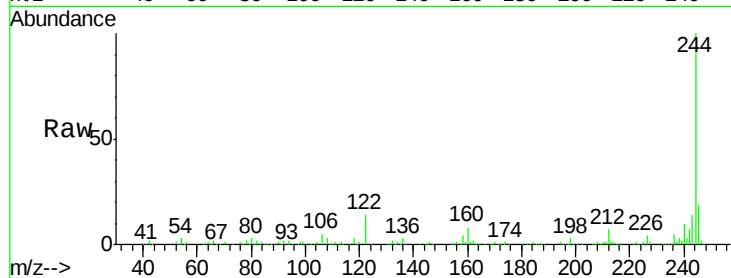




#78
 Terphenyl-d14
 Concen: 64.02 ng
 RT: 14.21 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF078620.D
 Acq: 18 Apr 2015 00:04

Instrument :
 BNA_F
 ClientSampleId :
 MW-33

Tot Ion:244 Resp: 458288
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 13.6 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.12 min Scan# 1394
 Delta R.T. -0.03 min
 Lab File: BF078620.D
 Acq: 18 Apr 2015 00:04

Tgt Ion:264 Resp: 160127
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 21.6 17.0 25.6

