

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078611.D
 Acq On : 17 Apr 2015 18:00
 Operator : TP/IZ
 Sample : G1871-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Quant Time: Apr 18 00:18:52 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	40627	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	166180	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	85226	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	174766	20.00	ng	0.00
75) Chrysene-d12	15.46	240	205579	20.00	ng	0.00
86) Perylene-d12	17.18	264	204634	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	130671	53.03	ng	0.00
7) Phenol-d6	6.27	99	104819	33.94	ng	-0.01
23) Nitrobenzene-d5	7.38	82	218708	79.77	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	102575	145.12	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	447476	75.05	ng	0.00
78) Terphenyl-d14	14.21	244	598206	65.75	ng	0.00

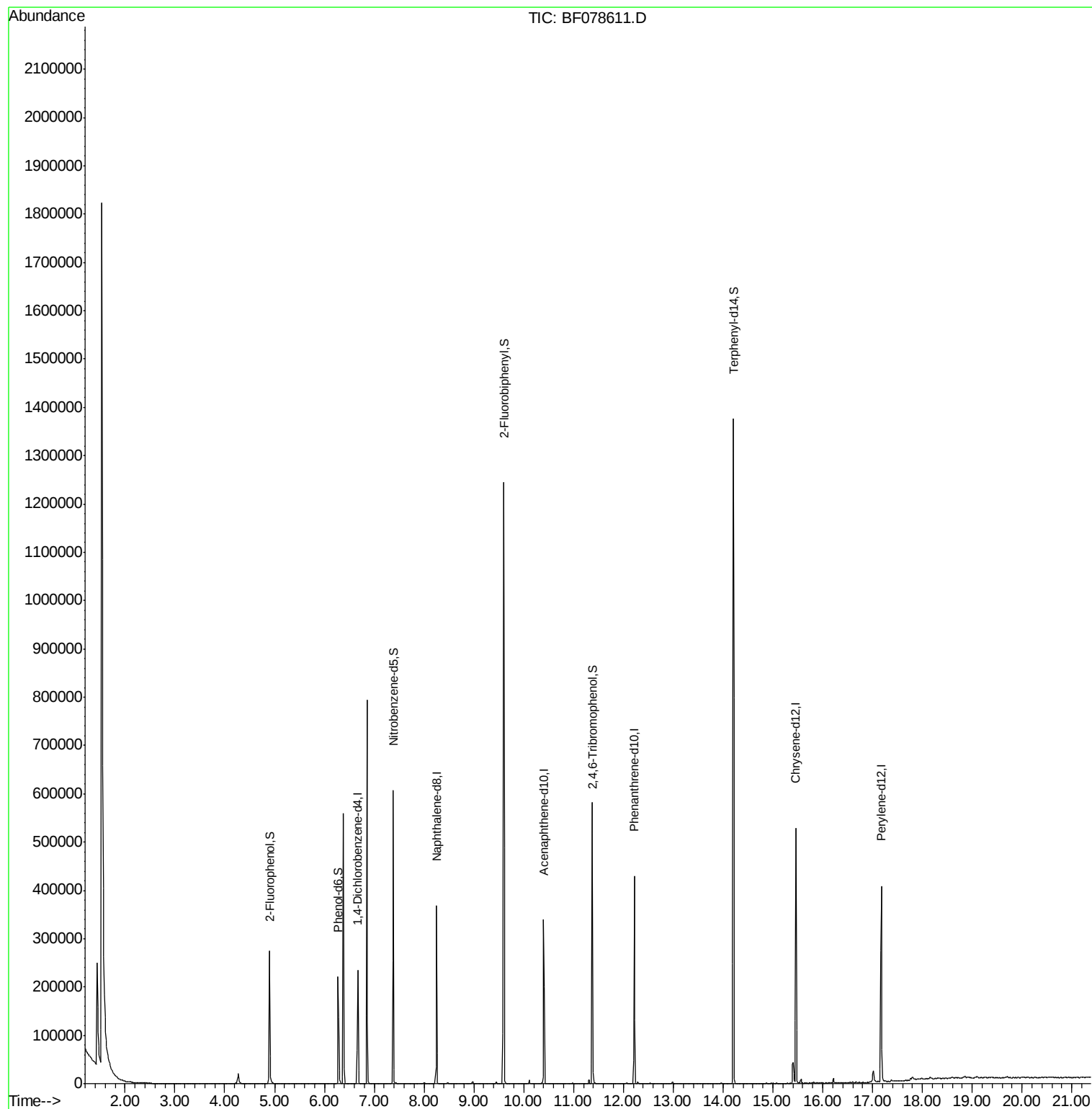
Target Compounds Qvalue

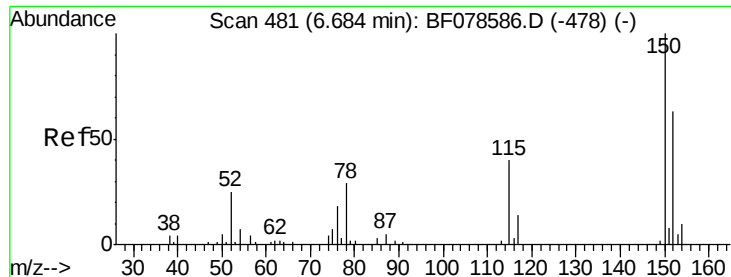
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078611.D

Acq: 17 Apr 2015 18:00

Instrument :

BNA_F

ClientSampleId :

MW-35

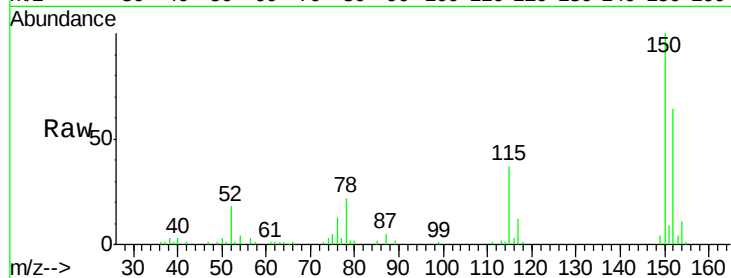
Tot Ion:152 Resp: 40627

Ion Ratio Lower Upper

152 100

150 156.0 125.9 188.9

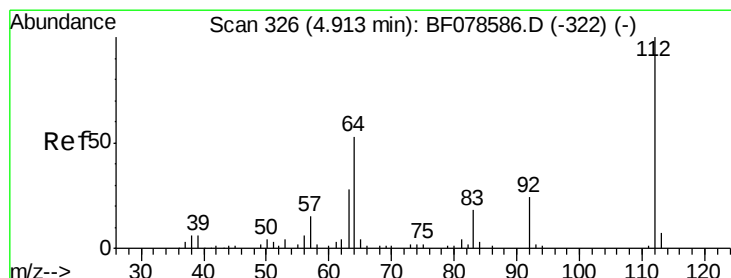
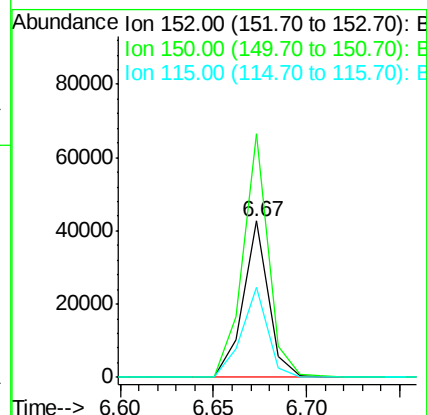
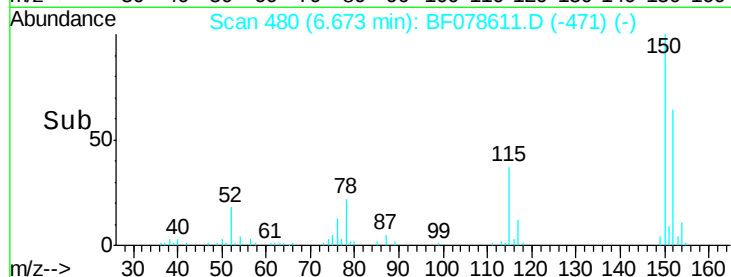
115 57.9 52.7 79.1



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: 53.03 ng

RT: 4.90 min Scan# 325

Delta R.T. 0.00 min

Lab File: BF078611.D

Acq: 17 Apr 2015 18:00

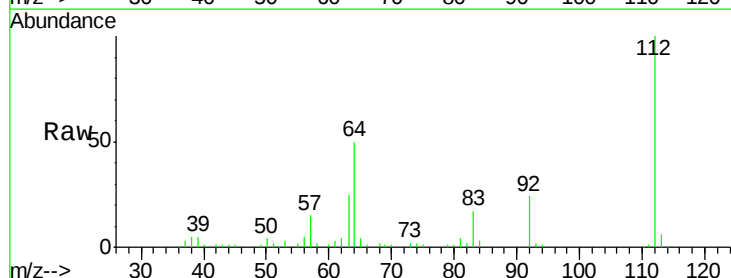
Tgt Ion:112 Resp: 130671

Ion Ratio Lower Upper

112 100

64 49.7 39.9 59.9

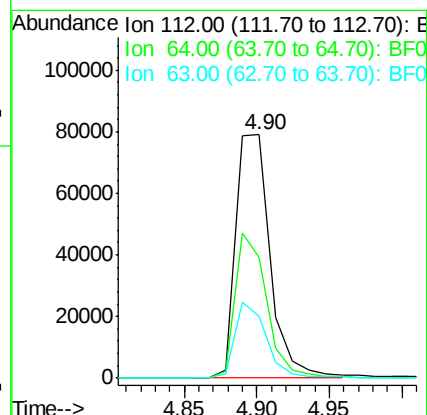
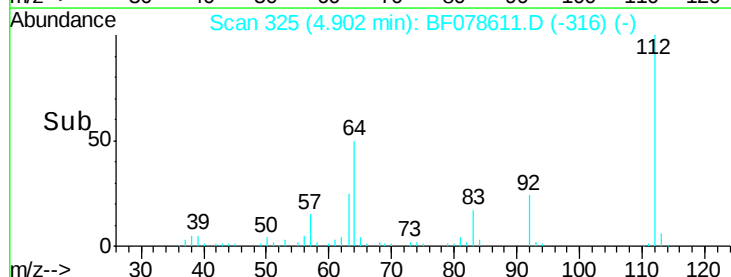
63 25.3 20.2 30.4

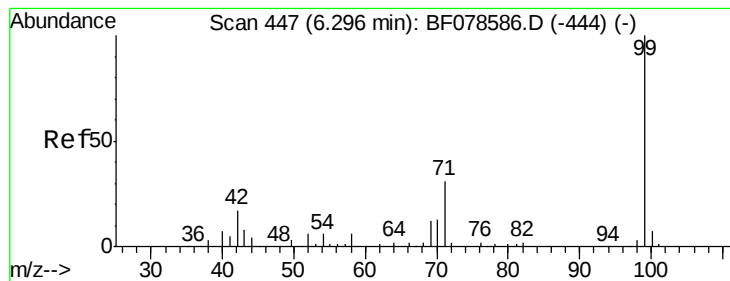


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.94 ng

RT: 6.27 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF078611.D

Acq: 17 Apr 2015 18:00

Instrument :

BNA_F

ClientSampleId :

MW-35

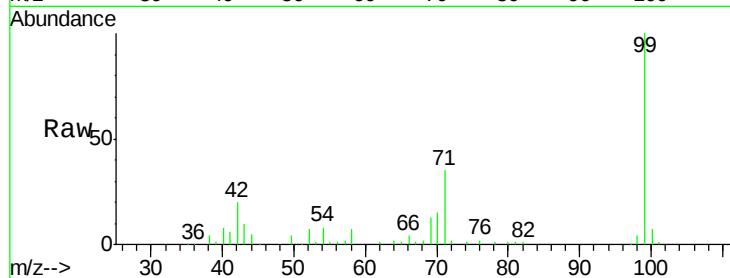
Tot Ion: 99 Resp: 104819

Ion Ratio Lower Upper

99 100

42 19.8 14.8 22.2

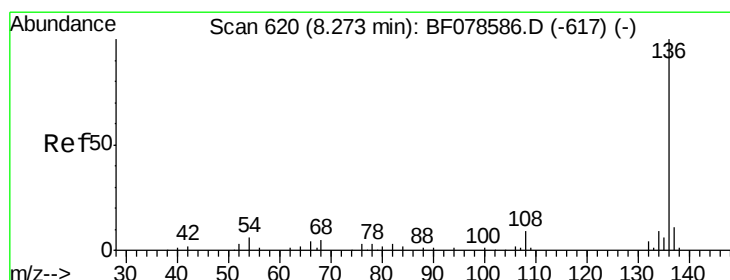
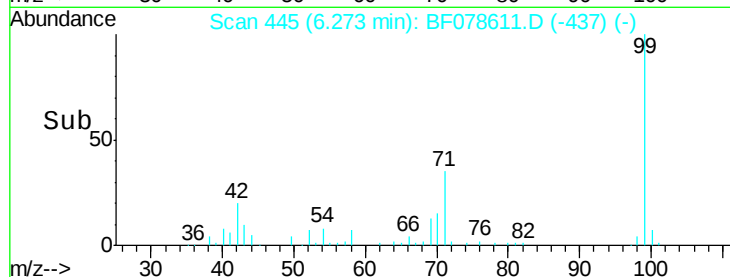
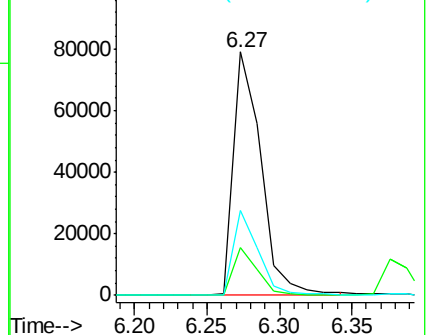
71 35.0 26.6 39.8



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: BF078611.D

Acq: 17 Apr 2015 18:00

Tgt Ion: 136 Resp: 166180

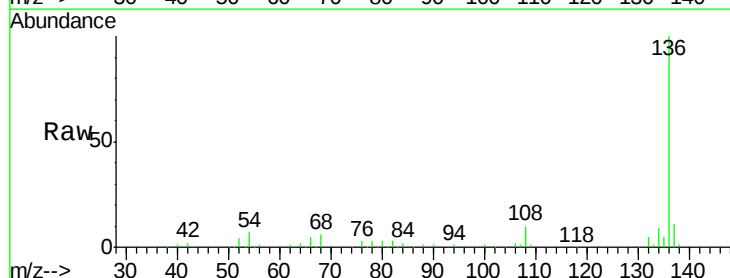
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.4 7.0 10.6

68 5.5 5.4 8.2

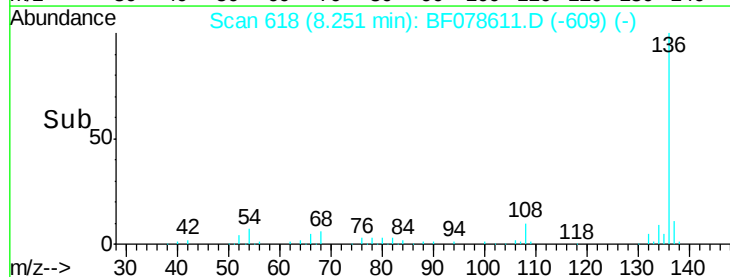
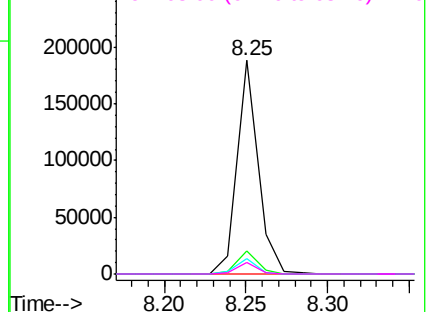


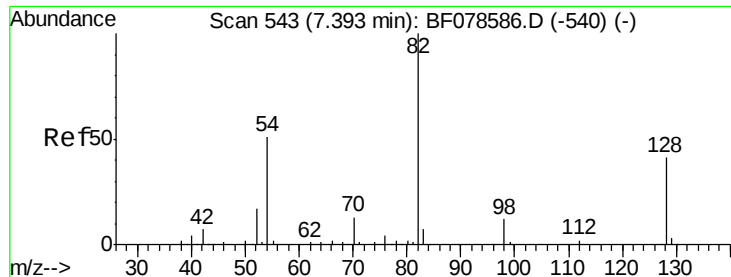
Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.77 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078611.D

Acq: 17 Apr 2015 18:00

Instrument :

BNA_F

ClientSampleId :

MW-35

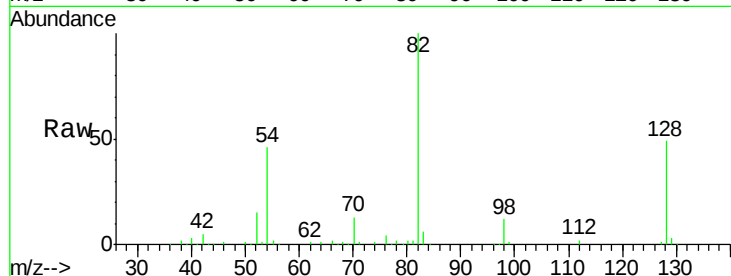
Tot Ion: 82 Resp: 218708

Ion Ratio Lower Upper

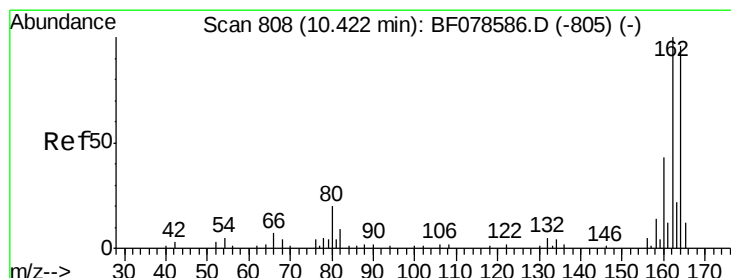
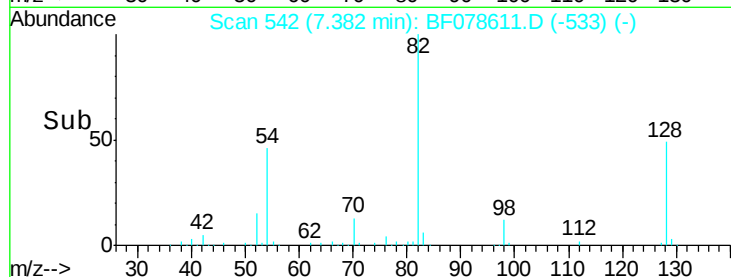
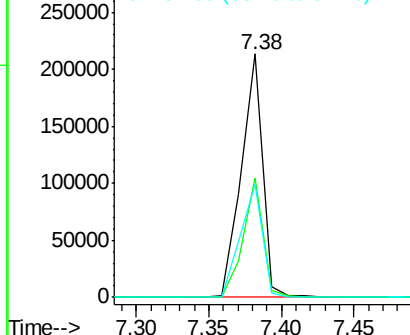
82 100

128 49.2 31.8 47.8#

54 46.4 41.5 62.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF078611.D

Acq: 17 Apr 2015 18:00

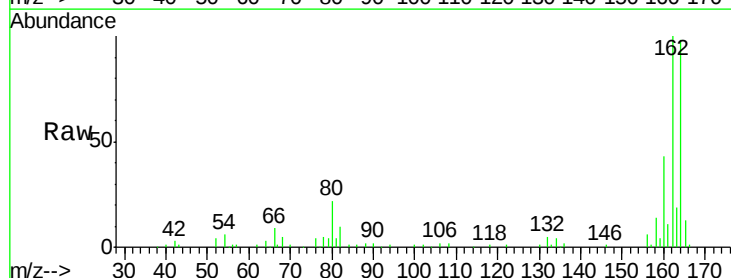
Tgt Ion: 164 Resp: 85226

Ion Ratio Lower Upper

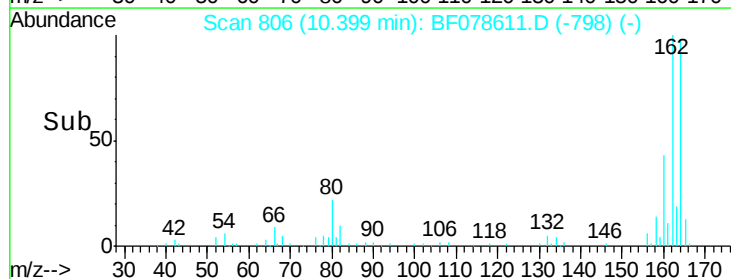
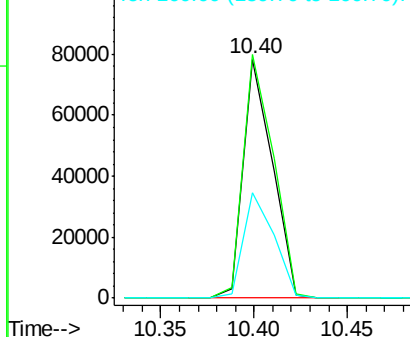
164 100

162 102.1 82.2 123.2

160 44.2 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

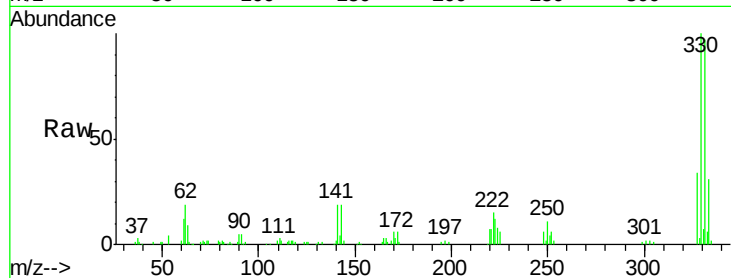




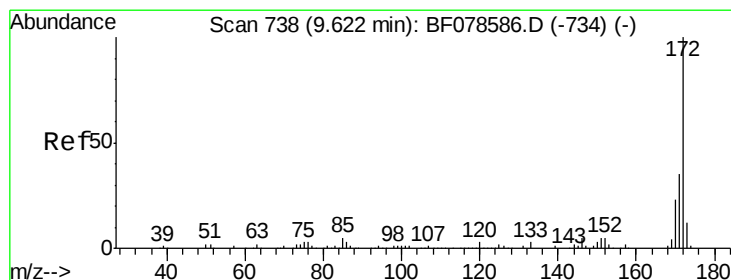
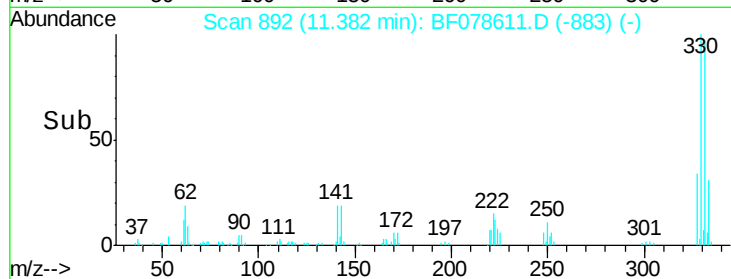
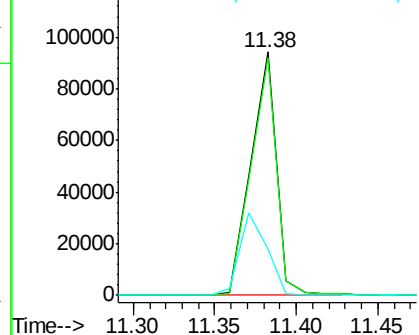
#41
 2,4,6-Tribromophenol
 Concen: 145.12 ng
 RT: 11.38 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: BF078611.D
 Acq: 17 Apr 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.6	117.8
141	35.8	31.2	46.8

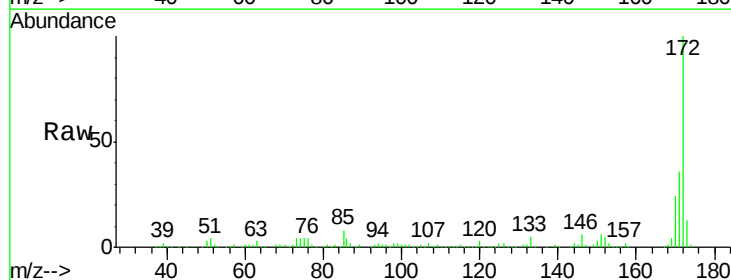


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

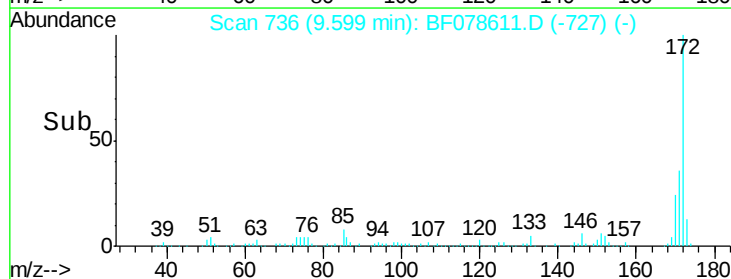
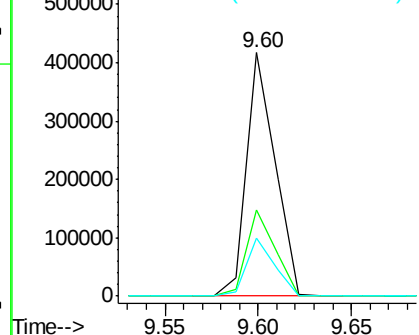


#44
 2-Fluorobiphenyl
 Concen: 75.05 ng
 RT: 9.60 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF078611.D
 Acq: 17 Apr 2015 18:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.6	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

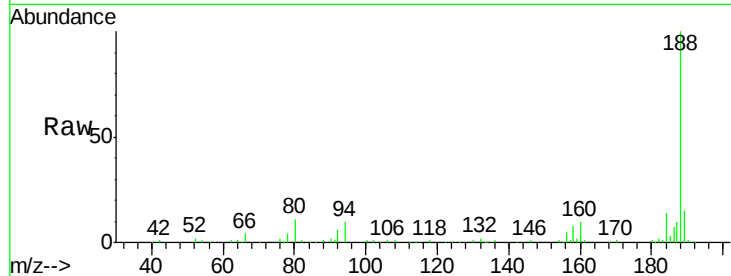




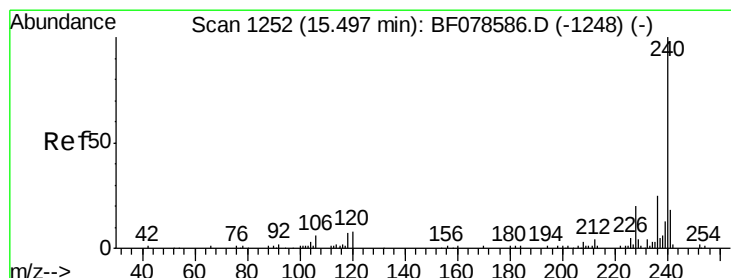
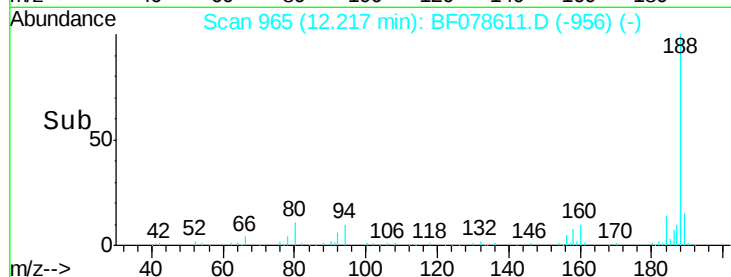
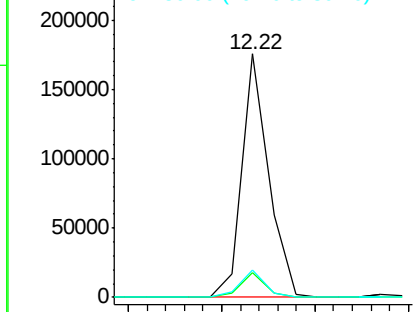
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF078611.D
Acq: 17 Apr 2015 18:00

Instrument :
BNA_F
ClientSampleId :
MW-35

Tot Ion:188 Resp: 174766
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 11.1 9.5 14.3

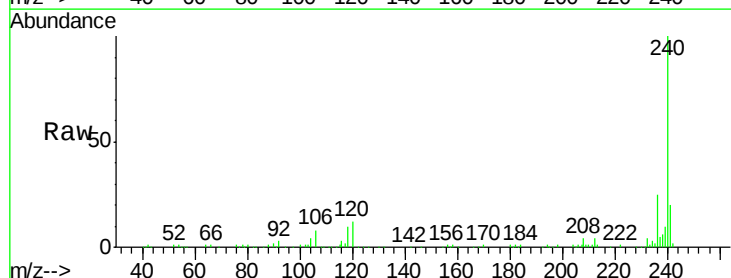


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

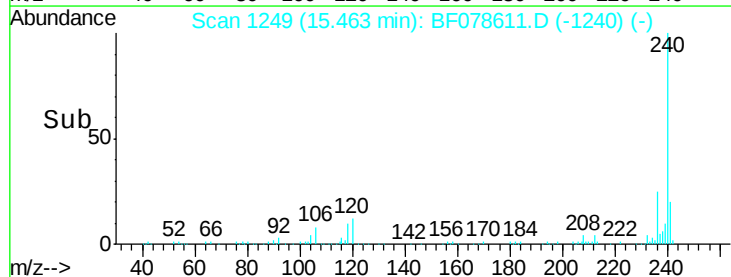
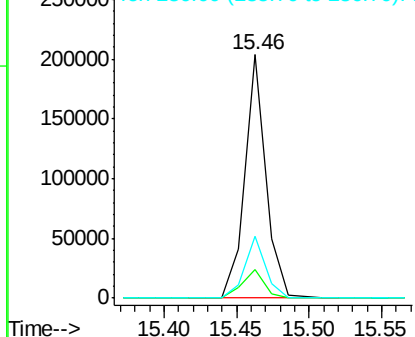


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF078611.D
Acq: 17 Apr 2015 18:00

Tgt Ion:240 Resp: 205579
Ion Ratio Lower Upper
240 100
120 11.6 7.1 10.7#
236 25.4 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

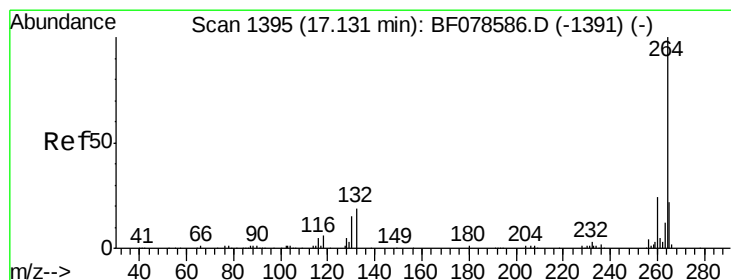
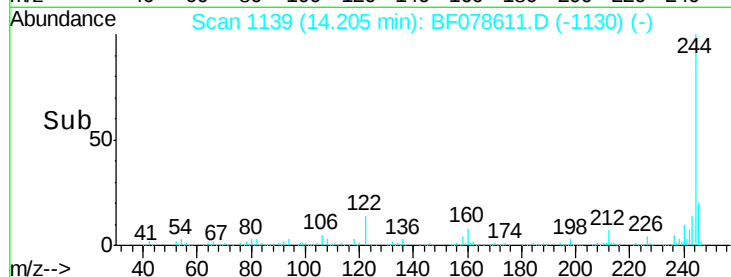
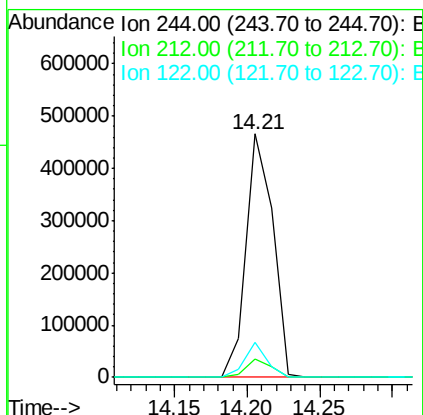
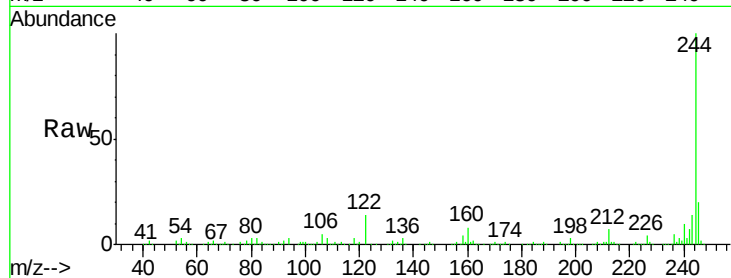




#78
 Terphenyl-d14
 Concen: 65.75 ng
 RT: 14.21 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BF078611.D
 Acq: 17 Apr 2015 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Tot Ion:244 Resp: 598206
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.0 7.4#
 122 14.3 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.18 min Scan# 1399
 Delta R.T. 0.02 min
 Lab File: BF078611.D
 Acq: 17 Apr 2015 18:00

Tgt Ion:264 Resp: 204634
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.6 27.8
 265 21.4 17.0 25.6

