

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
 Data File : BF078607.D
 Acq On : 17 Apr 2015 16:06
 Operator : TP/IZ
 Sample : G1860-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Quant Time: Apr 17 23:42:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 23:28:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	40079	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	168018	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	84661	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	179655	20.00	ng	0.00
75) Chrysene-d12	15.47	240	203075	20.00	ng	0.01
86) Perylene-d12	17.21	264	195783	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	118048	48.56	ng	0.00
7) Phenol-d6	6.28	99	89475	29.37	ng	0.00
23) Nitrobenzene-d5	7.38	82	253419	91.42	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	118383	168.60	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	524361	88.53	ng	0.00
78) Terphenyl-d14	14.22	244	688259	76.58	ng	0.01

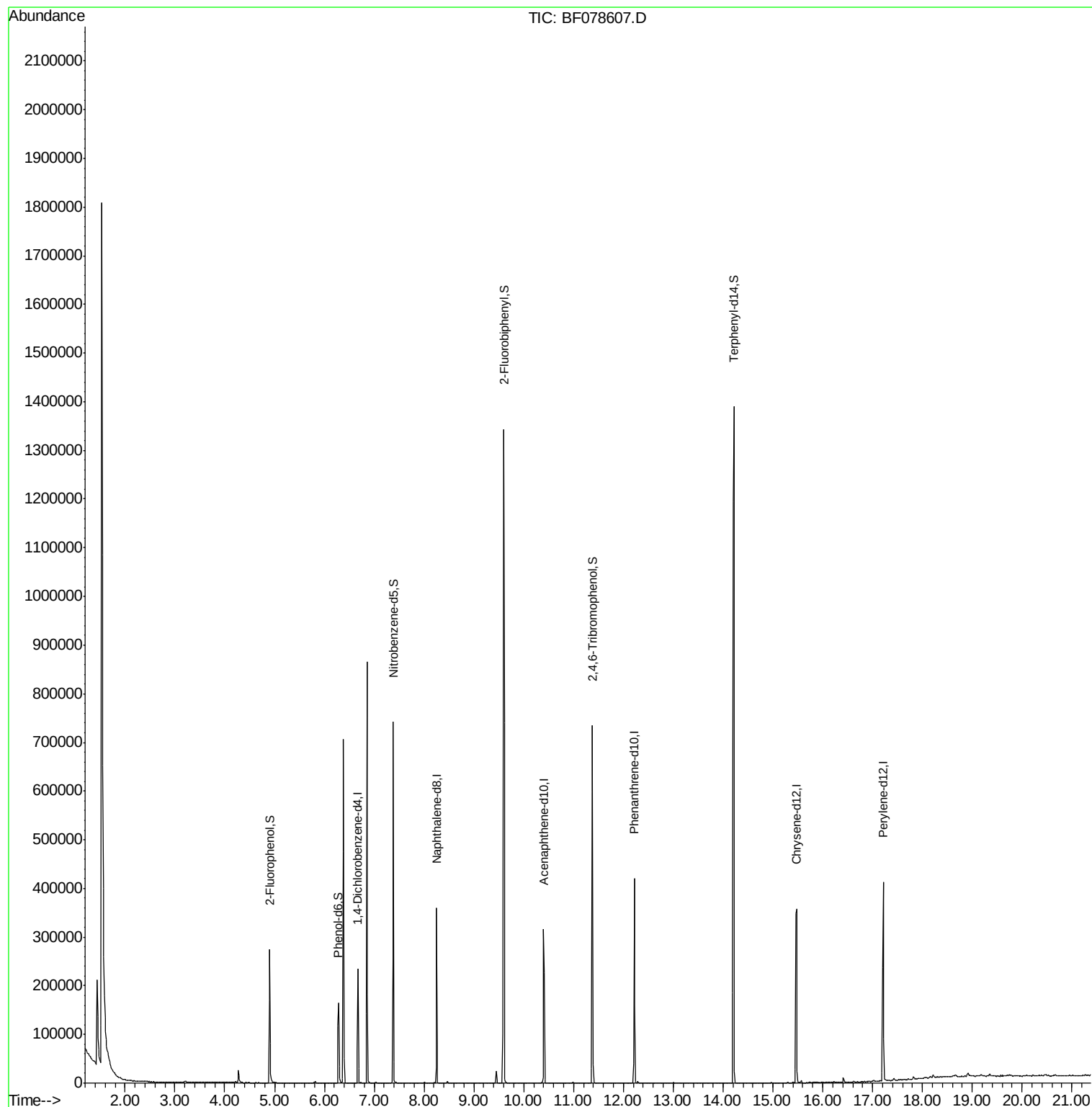
Target Compounds	Qvalue
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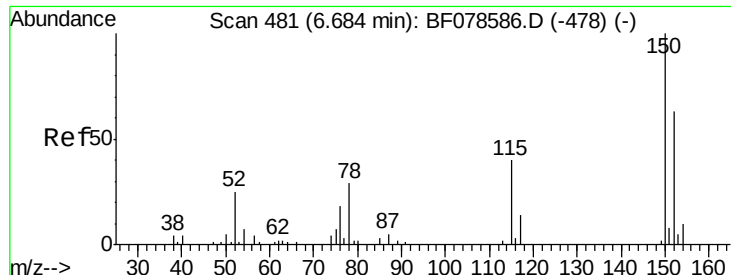
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078607.D

Acq: 17 Apr 2015 16:06

Instrument :

BNA_F

ClientSampled :

DUP

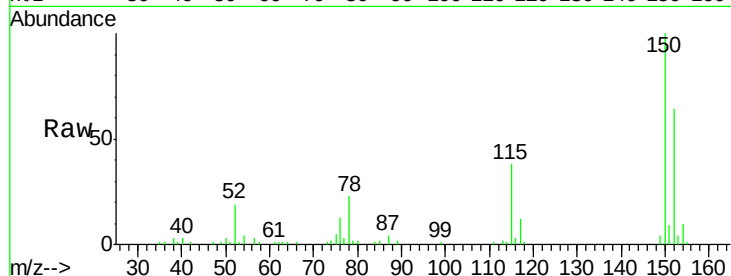
Tgt Ion:152 Resp: 40079

Ion Ratio Lower Upper

152 100

150 156.6 125.9 188.9

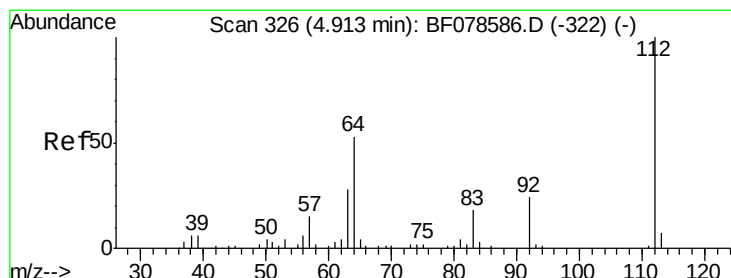
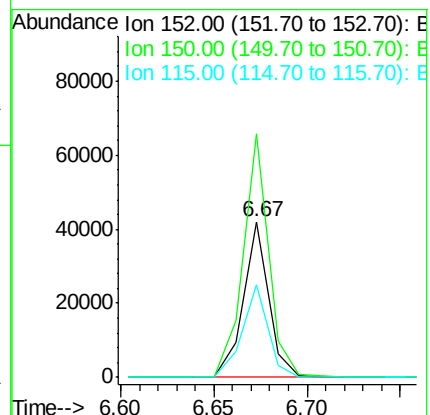
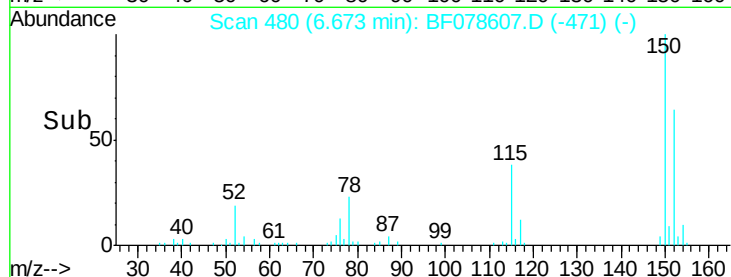
115 59.5 52.7 79.1



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: 48.56 ng

RT: 4.90 min Scan# 325

Delta R.T. -0.00 min

Lab File: BF078607.D

Acq: 17 Apr 2015 16:06

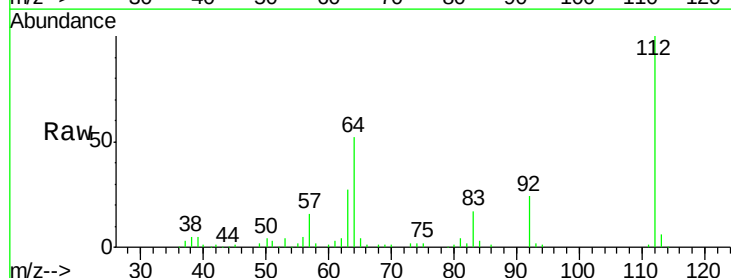
Tgt Ion:112 Resp: 118048

Ion Ratio Lower Upper

112 100

64 52.5 39.9 59.9

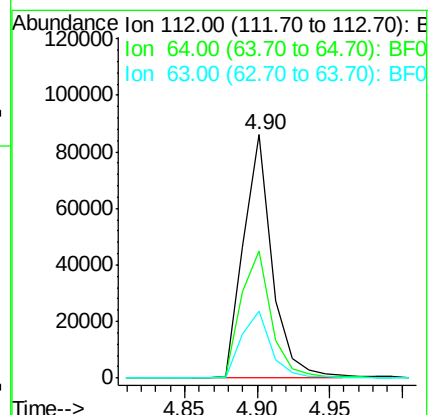
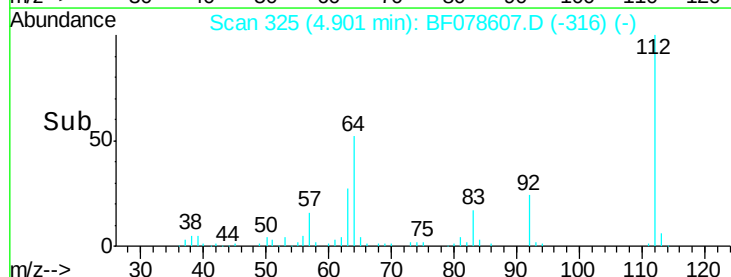
63 27.4 20.2 30.4

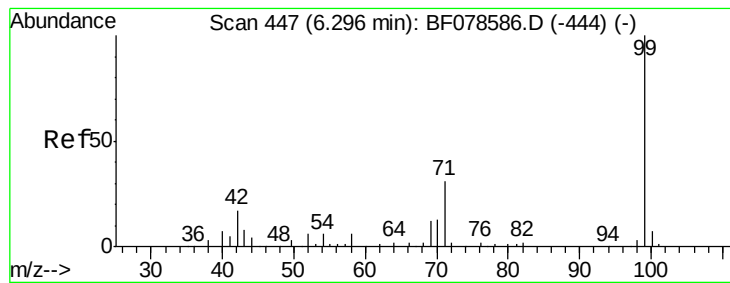


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.37 ng

RT: 6.28 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF078607.D

Acq: 17 Apr 2015 16:06

Instrument :

BNA_F

ClientSampleId :

DUP

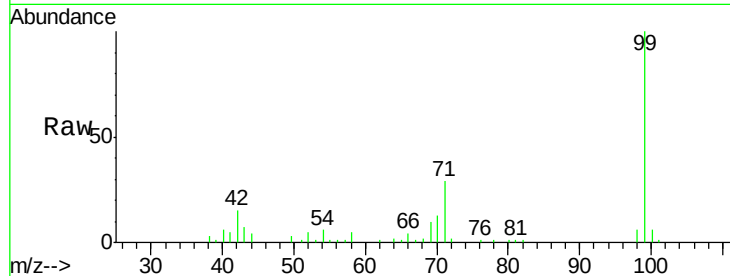
Tgt Ion: 99 Resp: 89475

Ion Ratio Lower Upper

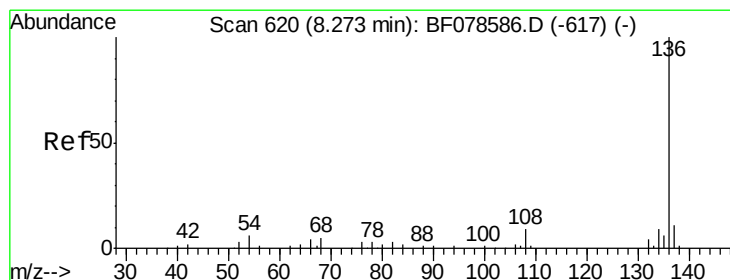
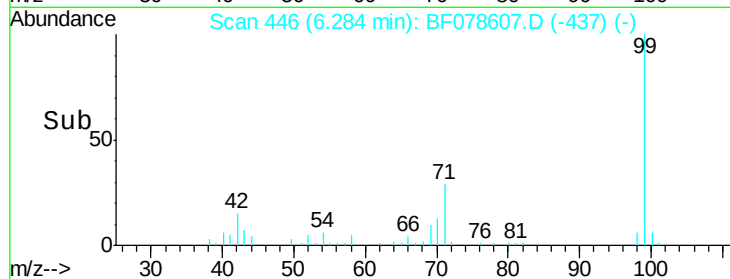
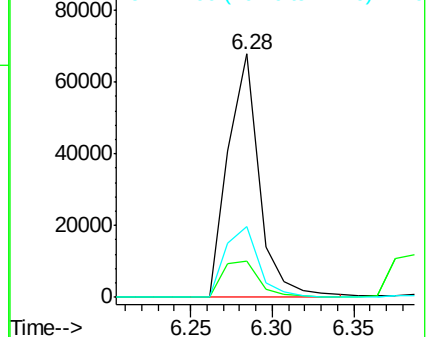
99 100

42 15.0 14.8 22.2

71 28.9 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: BF078607.D

Acq: 17 Apr 2015 16:06

Tgt Ion: 136 Resp: 168018

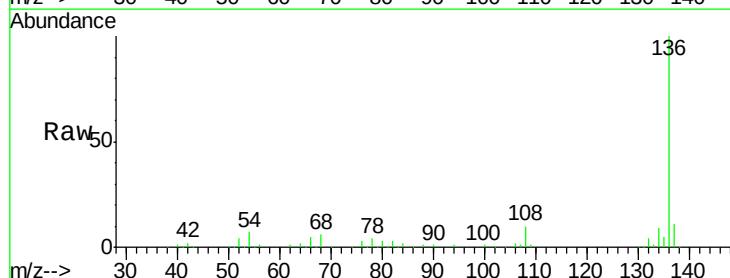
Ion Ratio Lower Upper

136 100

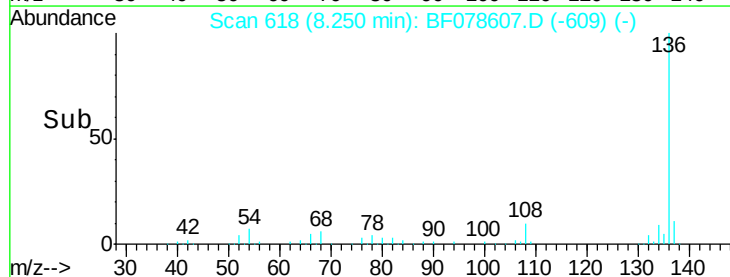
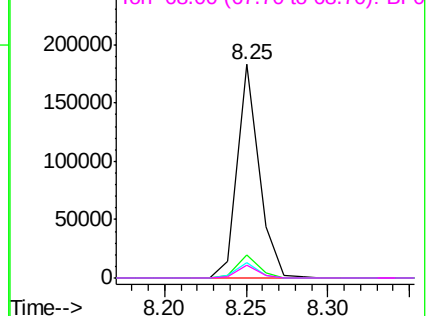
137 10.8 9.0 13.4

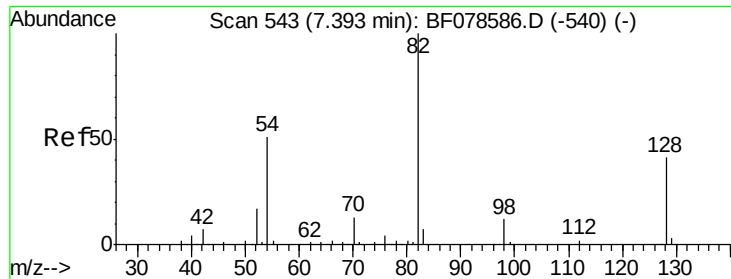
54 7.3 7.0 10.6

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

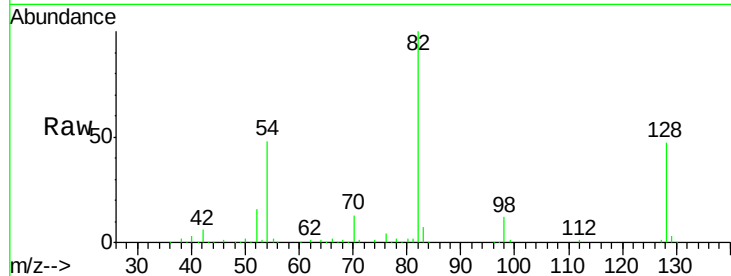




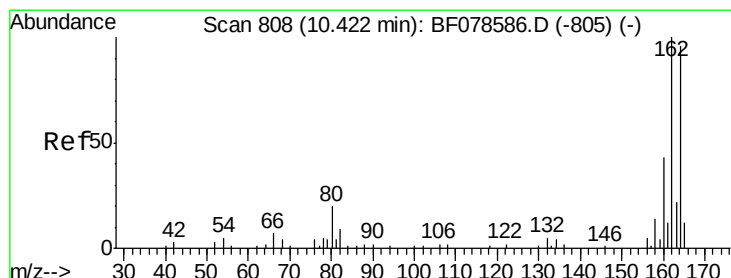
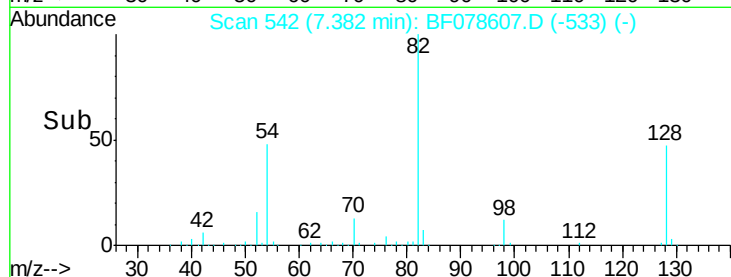
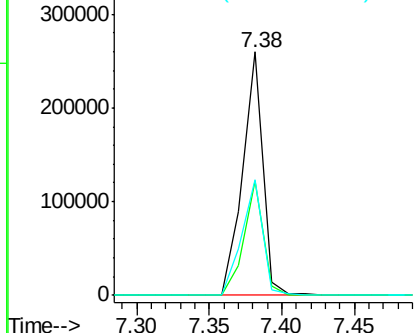
#23
 Nitrobenzene-d5
 Concen: 91.42 ng
 RT: 7.38 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF078607.D
 Acq: 17 Apr 2015 16:06

Instrument :
 BNA_F
 ClientSampleID :
 DUP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	31.8	47.8
54	47.6	41.5	62.3

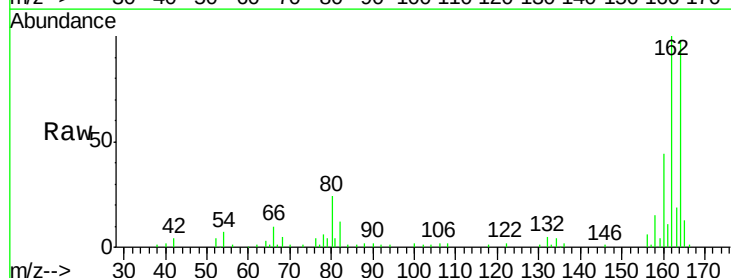


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

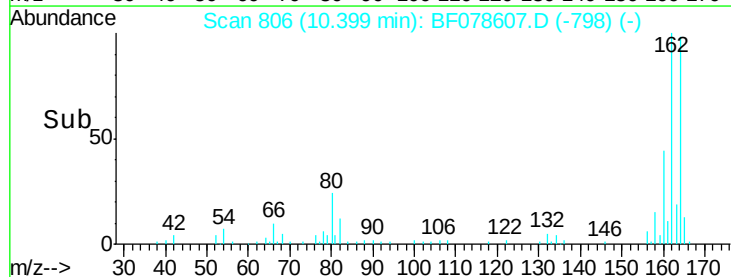
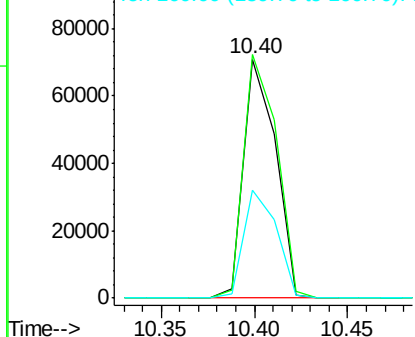


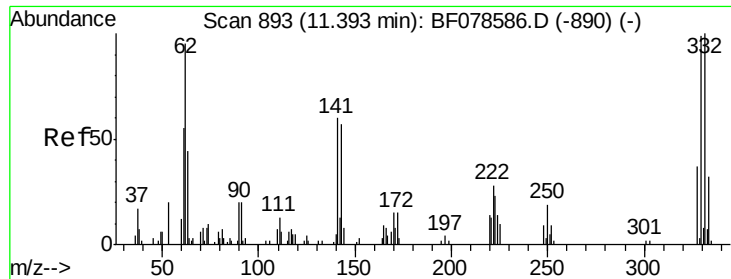
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.40 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF078607.D
 Acq: 17 Apr 2015 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.2	123.2
160	45.0	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

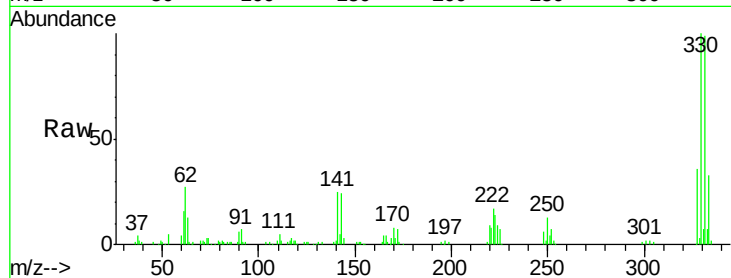




#41
 2,4,6-Tribromophenol
 Concen: 168.60 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF078607.D
 Acq: 17 Apr 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.7	78.6	117.8
141	37.2	31.2	46.8

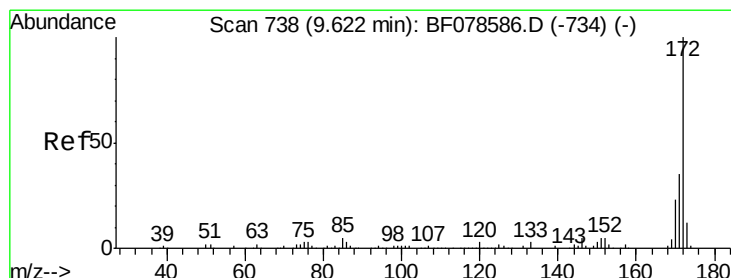
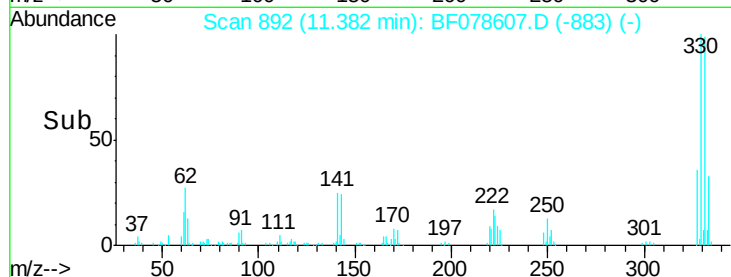
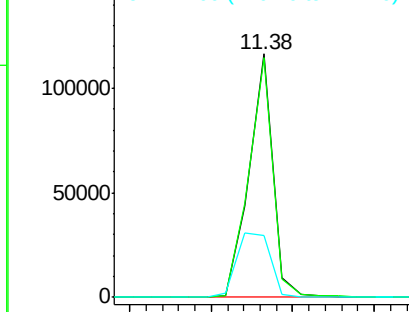


Abundance

Ion 329.80 (329.50 to 330.50): E

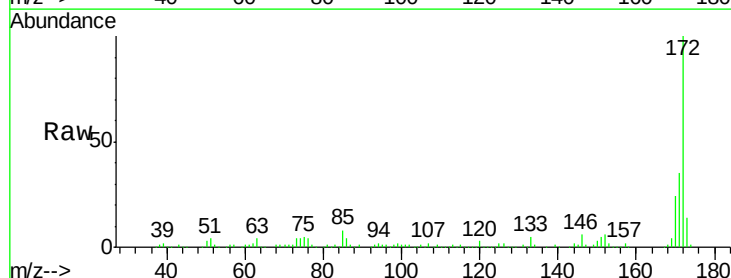
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.53 ng
 RT: 9.60 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF078607.D
 Acq: 17 Apr 2015 16:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	24.0	18.5	27.7

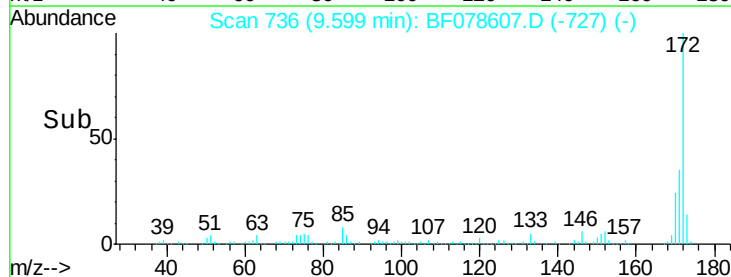
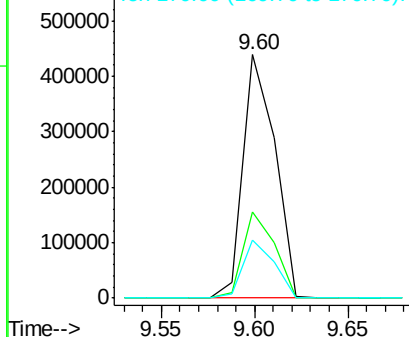


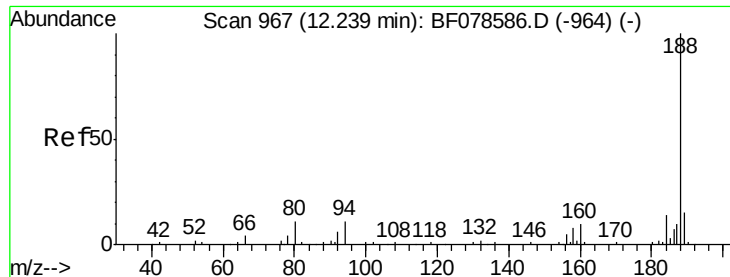
Abundance

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

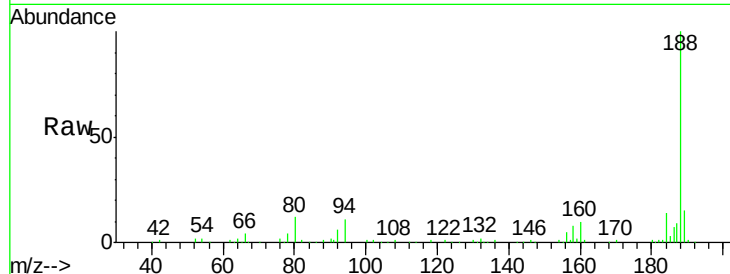




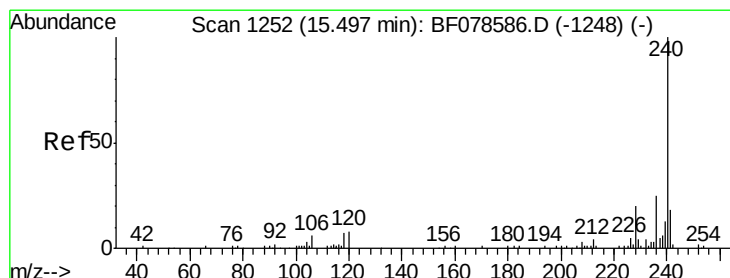
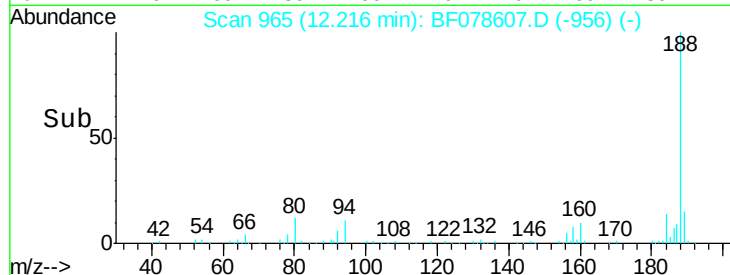
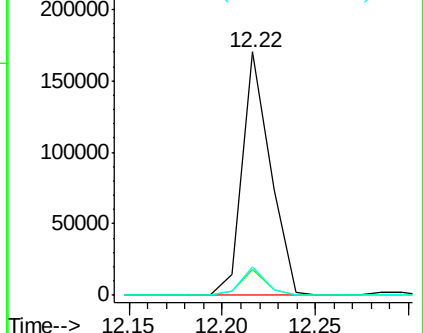
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF078607.D
 Acq: 17 Apr 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tgt Ion:188 Resp: 179655
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.0 13.4
 80 11.6 9.5 14.3

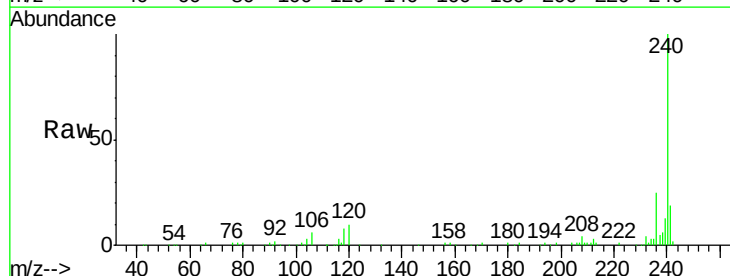


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

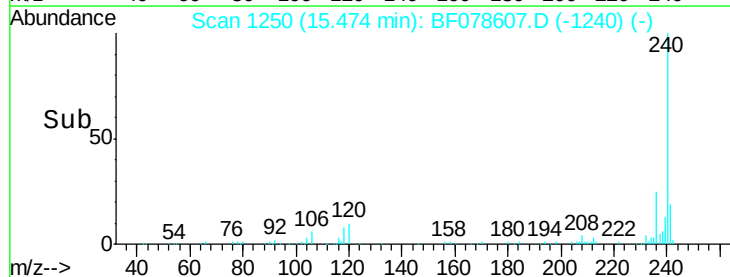
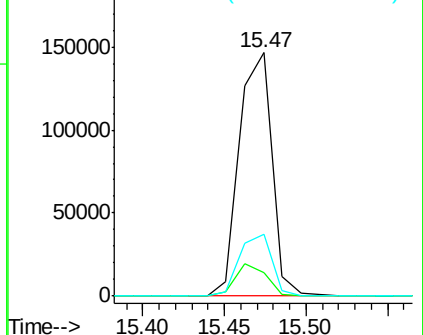


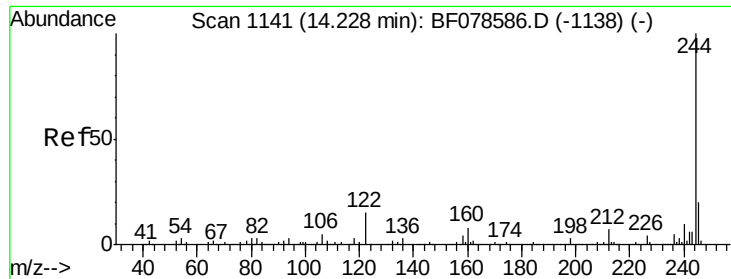
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF078607.D
 Acq: 17 Apr 2015 16:06

Tgt Ion:240 Resp: 203075
 Ion Ratio Lower Upper
 240 100
 120 9.5 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

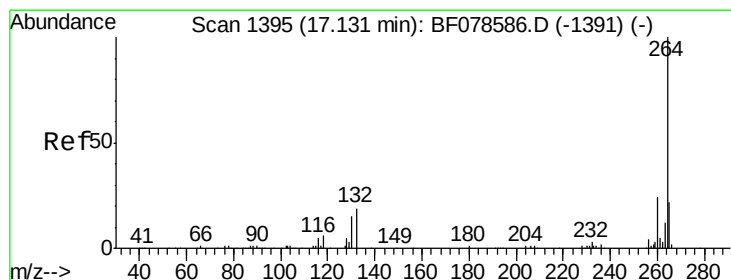
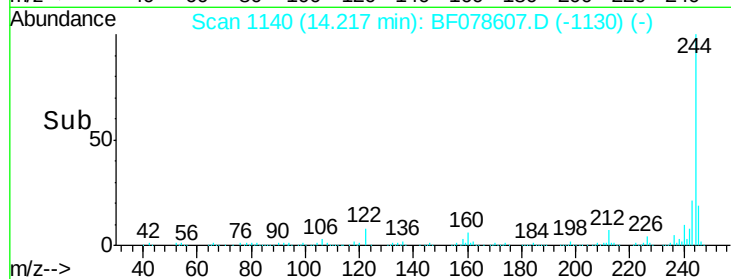
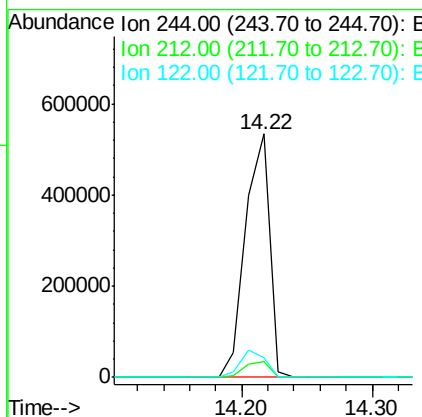
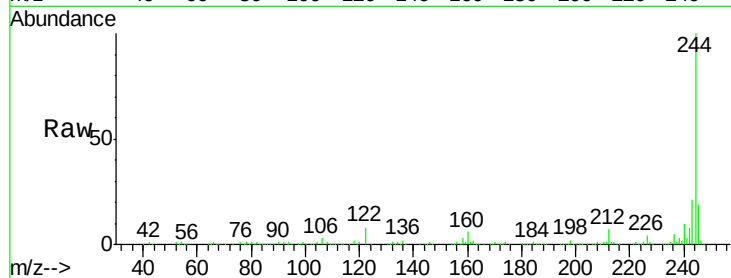




#78
 Terphenyl-d14
 Concen: 76.58 ng
 RT: 14.22 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF078607.D
 Acq: 17 Apr 2015 16:06

Instrument :
 BNA_F
 ClientSampleId :
 DUP

Tgt Ion:244 Resp: 688259
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 8.0 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.21 min Scan# 1402
 Delta R.T. 0.06 min
 Lab File: BF078607.D
 Acq: 17 Apr 2015 16:06

Tgt Ion:264 Resp: 195783
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 21.3 17.0 25.6

