

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077256.D
 Acq On : 11 Feb 2015 16:24
 Operator : TP/IZ
 Sample : PB81702BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81702BL

Quant Time: Feb 12 00:06:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	66763	20.00	ng	-0.06
21) Naphthalene-d8	10.45	136	267902	20.00	ng	-0.05
38) Acenaphthene-d10	14.57	164	136251	20.00	ng	-0.06
63) Phenanthrene-d10	17.47	188	259456	20.00	ng	-0.03
75) Chrysene-d12	20.98	240	240117	20.00	ng	-0.03
86) Perylene-d12	22.63	264	222724	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.54	112	209337	51.55	ng	-0.05
7) Phenol-d6	6.97	99	264873	51.71	ng	-0.05
23) Nitrobenzene-d5	8.85	82	161001	33.29	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	59443	53.75	ng	-0.03
44) 2-Fluorobiphenyl	13.11	172	341400	38.13	ng	-0.06
78) Terphenyl-d14	19.72	244	360815	34.59	ng	-0.03

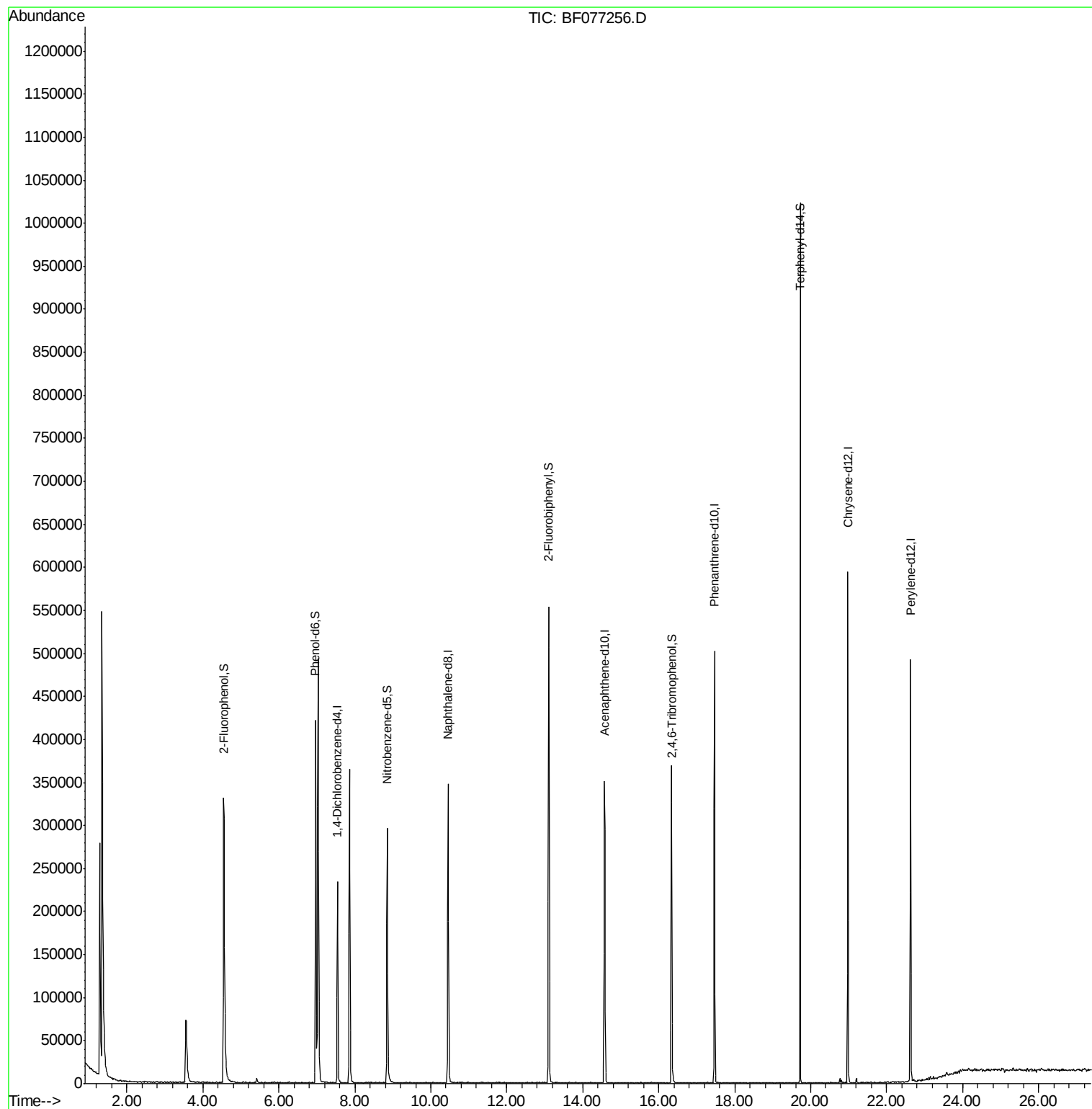
Target Compounds	Qvalue
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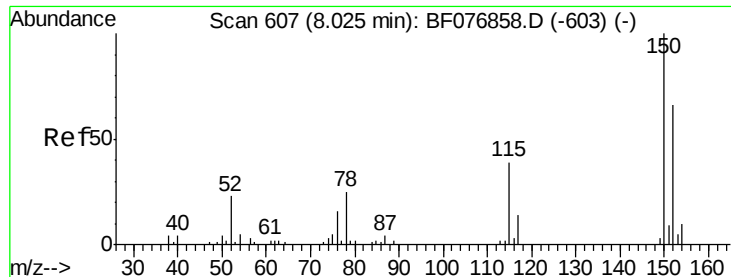
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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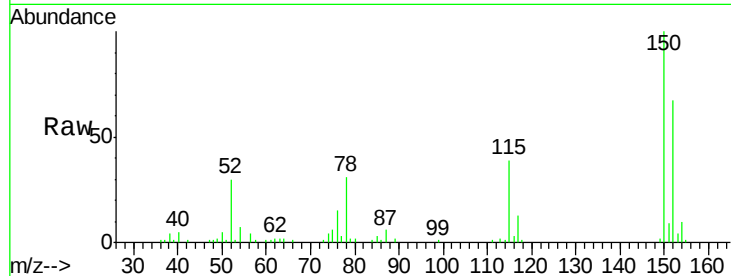




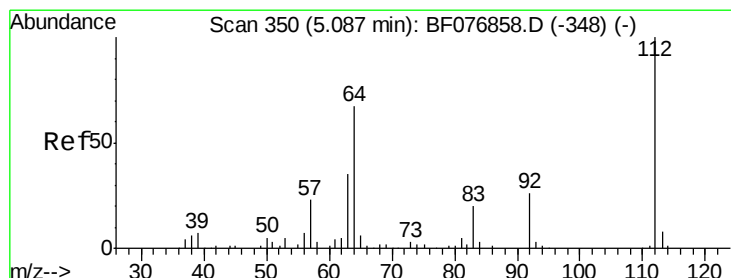
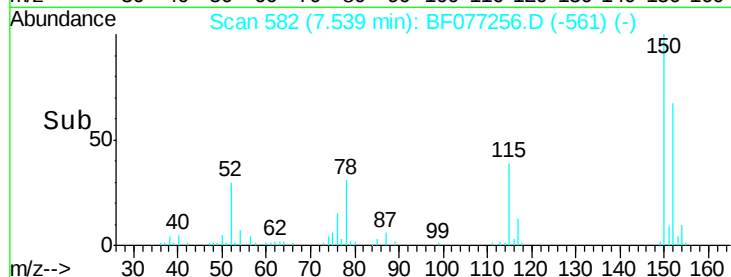
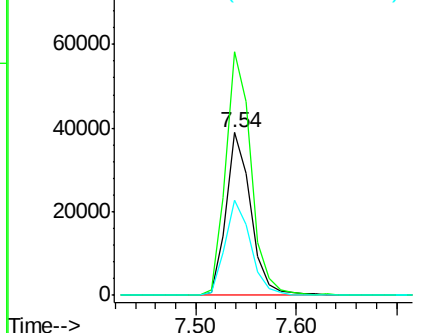
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.54 min Scan# 582
 Delta R.T. -0.06 min
 Lab File: BF077256.D
 Acq: 11 Feb 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81702BL

Tgt Ion:152 Resp: 66763
 Ion Ratio Lower Upper
 152 100
 150 149.9 121.7 182.5
 115 58.7 47.0 70.6

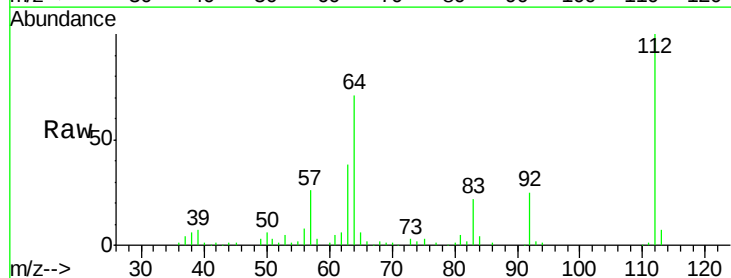


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

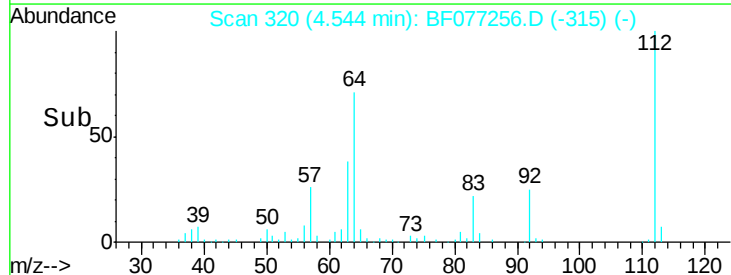
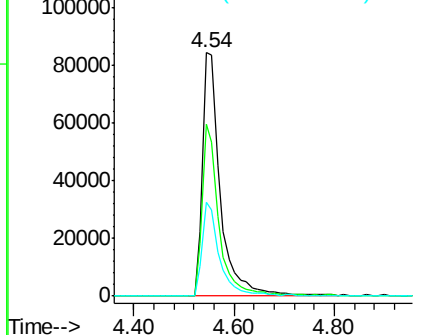


#5
 2-Fluorophenol
 Concen: 51.55 ng
 RT: 4.54 min Scan# 320
 Delta R.T. -0.05 min
 Lab File: BF077256.D
 Acq: 11 Feb 2015 16:24

Tgt Ion:112 Resp: 209337
 Ion Ratio Lower Upper
 112 100
 64 70.7 54.2 81.4
 63 38.4 28.4 42.6



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: 51.71 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF077256.D

Acq: 11 Feb 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB81702BL

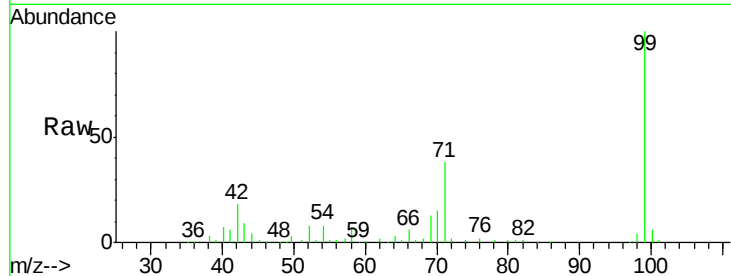
Tgt Ion: 99 Resp: 264873

Ion Ratio Lower Upper

99 100

42 18.0 15.0 22.4

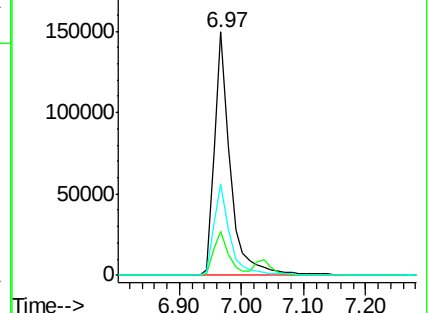
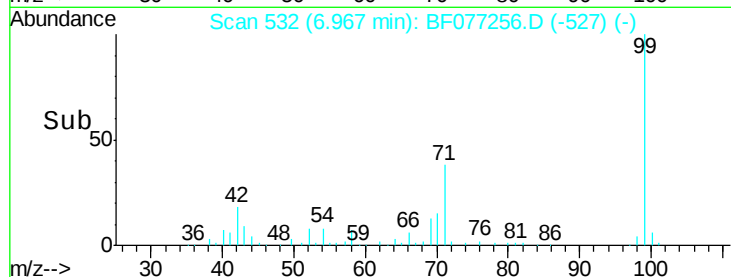
71 37.5 30.5 45.7



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: 10.45 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF077256.D

Acq: 11 Feb 2015 16:24

Tgt Ion: 136 Resp: 267902

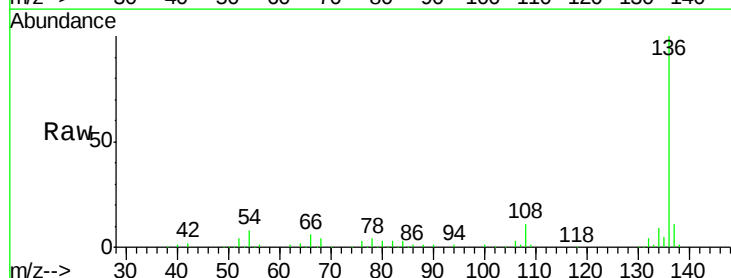
Ion Ratio Lower Upper

136 100

137 11.0 8.1 12.1

54 8.1 7.0 10.4

68 4.5 3.7 5.5

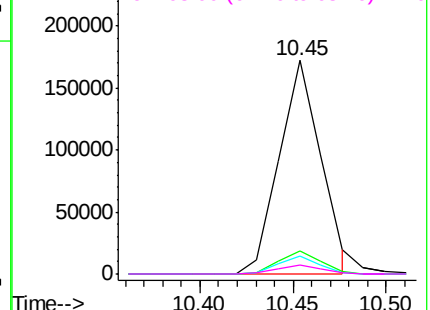
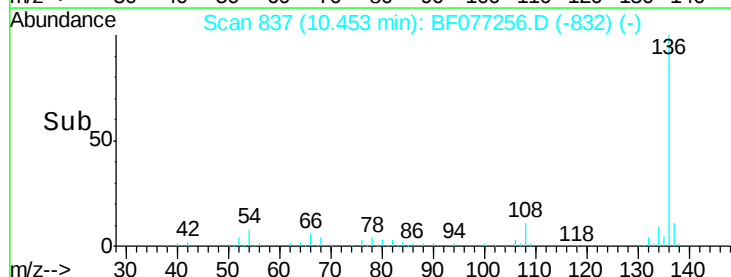


Abundance Ion 136.00 (135.70 to 136.70): E

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

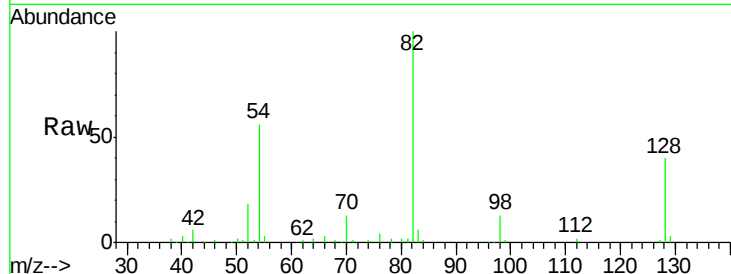




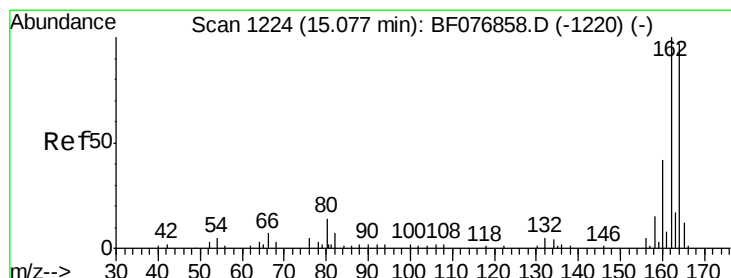
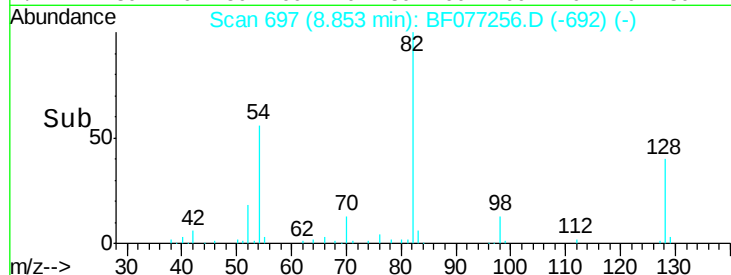
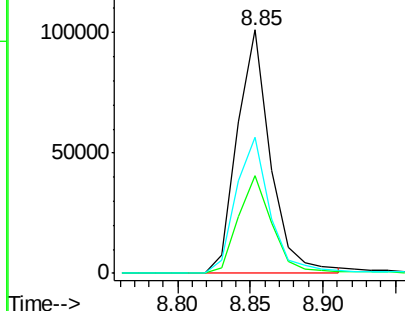
#23
 Nitrobenzene-d5
 Concen: 33.29 ng
 RT: 8.85 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF077256.D
 Acq: 11 Feb 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81702BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.1	49.7
54	55.7	48.3	72.5

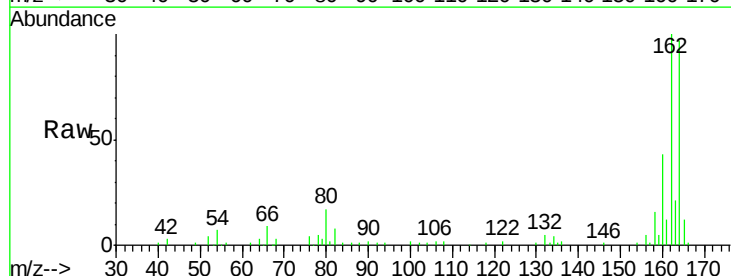


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

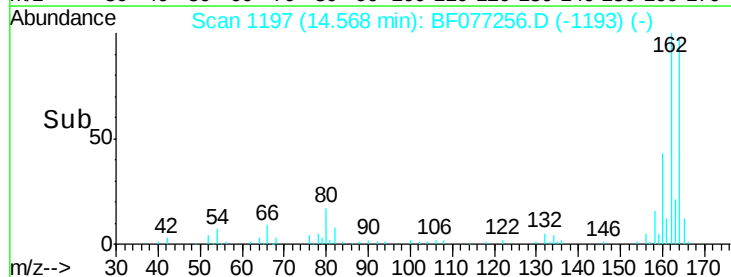
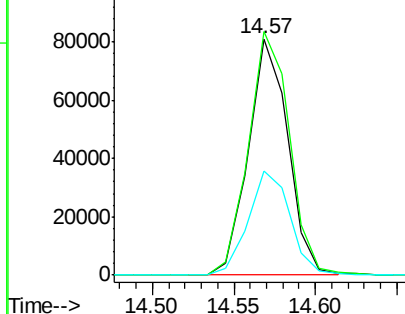


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1197
 Delta R.T. -0.06 min
 Lab File: BF077256.D
 Acq: 11 Feb 2015 16:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	44.1	34.8	52.2



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

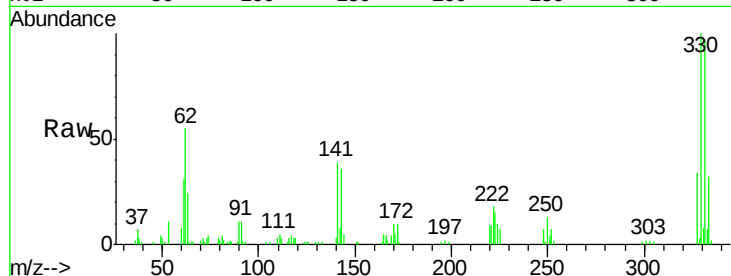




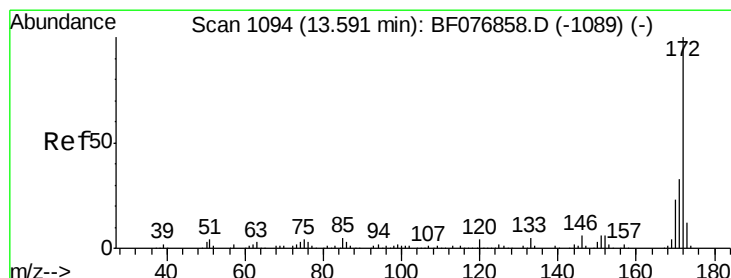
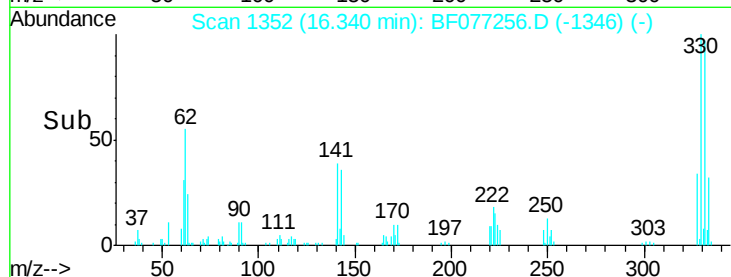
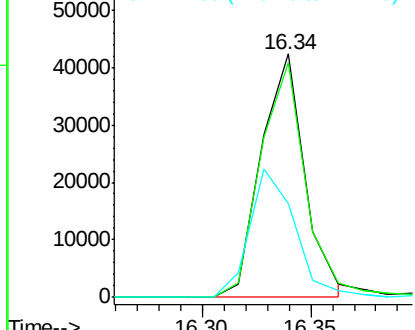
#41
 2,4,6-Tribromophenol
 Concen: 53.75 ng
 RT: 16.34 min Scan# 1352
 Delta R.T. -0.03 min
 Lab File: BF077256.D
 Acq: 11 Feb 2015 16:24

Instrument :
 BNA_F
 ClientSampled :
 PB81702BL

Tgt Ion:330 Resp: 59443
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.8 116.6
 141 54.5 38.5 57.7

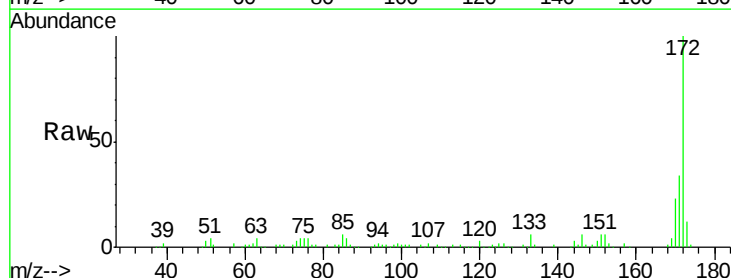


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

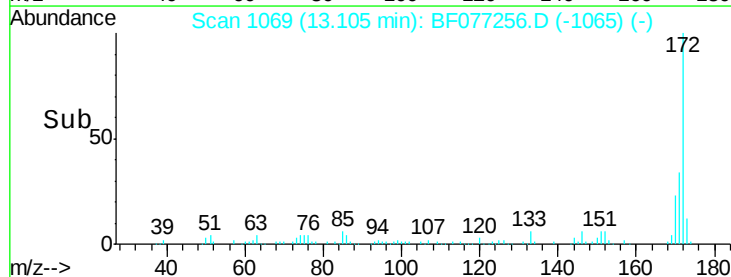
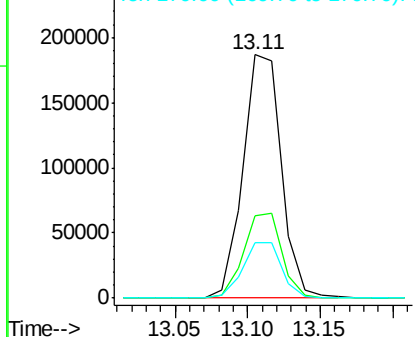


#44
 2-Fluorobiphenyl
 Concen: 38.13 ng
 RT: 13.11 min Scan# 1069
 Delta R.T. -0.06 min
 Lab File: BF077256.D
 Acq: 11 Feb 2015 16:24

Tgt Ion:172 Resp: 341400
 Ion Ratio Lower Upper
 172 100
 171 34.0 26.6 40.0
 170 23.0 18.0 27.0



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

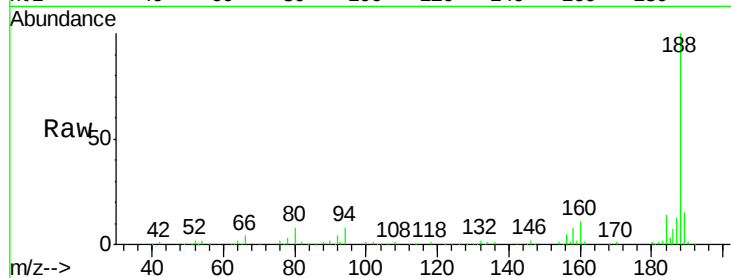




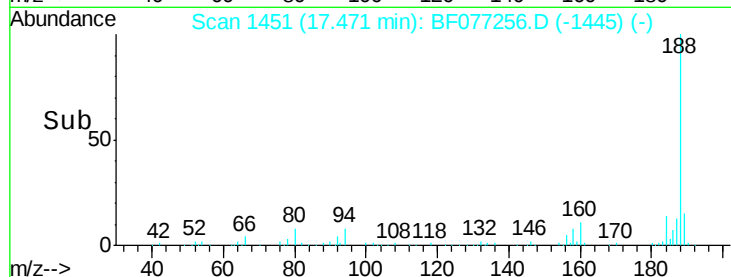
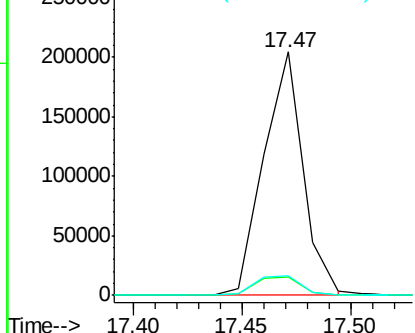
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.03 min
Lab File: BF077256.D
Acq: 11 Feb 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB81702BL

Tgt Ion:188 Resp: 259456
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 7.8 6.9 10.3

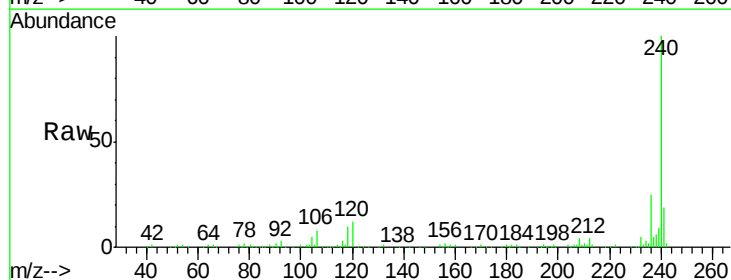


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

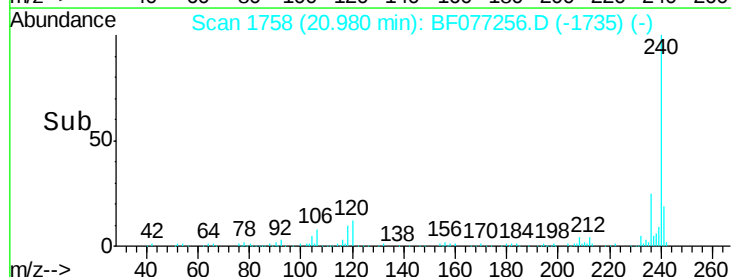
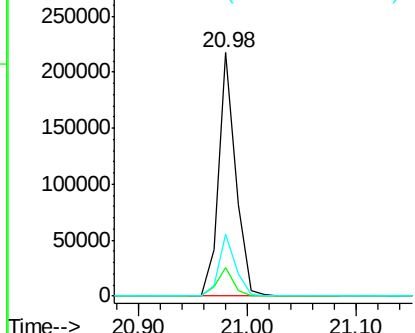


#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.98 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BF077256.D
Acq: 11 Feb 2015 16:24

Tgt Ion:240 Resp: 240117
Ion Ratio Lower Upper
240 100
120 11.7 10.4 15.6
236 25.3 20.2 30.2



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

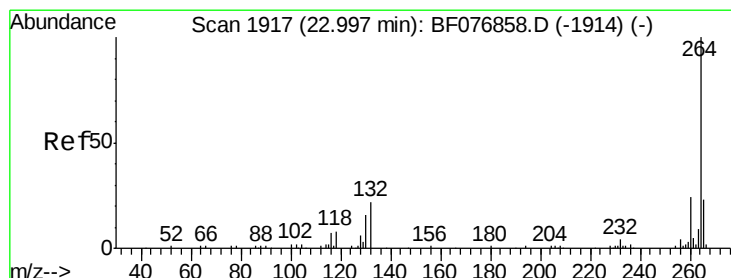
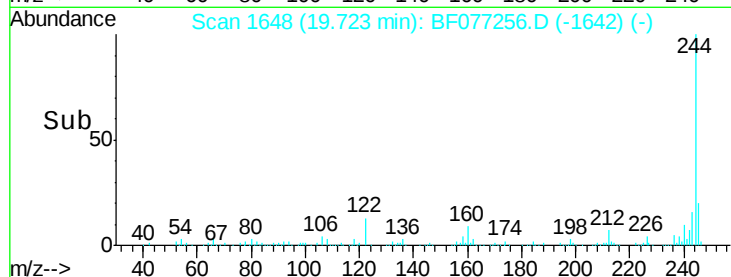
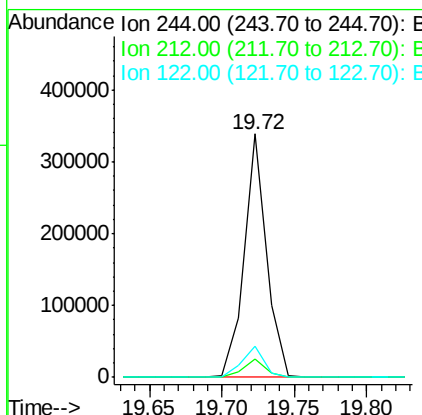
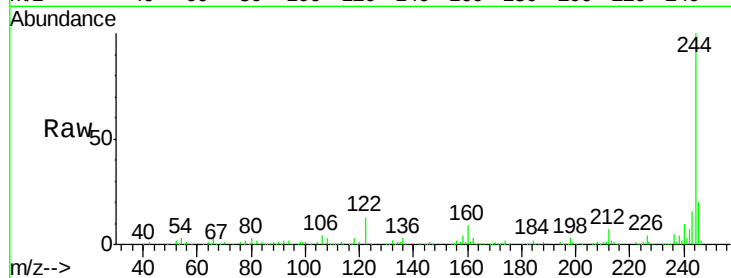




#78
 Terphenyl-d14
 Concen: 34.59 ng
 RT: 19.72 min Scan# 1648
 Delta R.T. -0.03 min
 Lab File: BF077256.D
 Acq: 11 Feb 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81702BL

Tgt Ion: 244 Resp: 360815
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 12.9 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.63 min Scan# 1902
 Delta R.T. -0.03 min
 Lab File: BF077256.D
 Acq: 11 Feb 2015 16:24

Tgt Ion: 264 Resp: 222724
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 22.1 18.1 27.1

