

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077252.D
 Acq On : 11 Feb 2015 14:05
 Operator : TP/IZ
 Sample : PB81706BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BL

Quant Time: Feb 12 00:05:12 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	58448	20.00	ng	-0.06
21) Naphthalene-d8	10.45	136	245225	20.00	ng	-0.05
38) Acenaphthene-d10	14.57	164	123447	20.00	ng	-0.06
63) Phenanthrene-d10	17.47	188	223640	20.00	ng	-0.03
75) Chrysene-d12	20.98	240	207365	20.00	ng	-0.03
86) Perylene-d12	22.61	264	183729	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.56	112	206924	58.21	ng	-0.03
7) Phenol-d6	6.97	99	258574	57.66	ng	-0.05
23) Nitrobenzene-d5	8.85	82	159146	35.95	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	53786	53.68	ng	-0.03
44) 2-Fluorobiphenyl	13.12	172	324459	40.00	ng	-0.05
78) Terphenyl-d14	19.72	244	319185	35.44	ng	-0.03

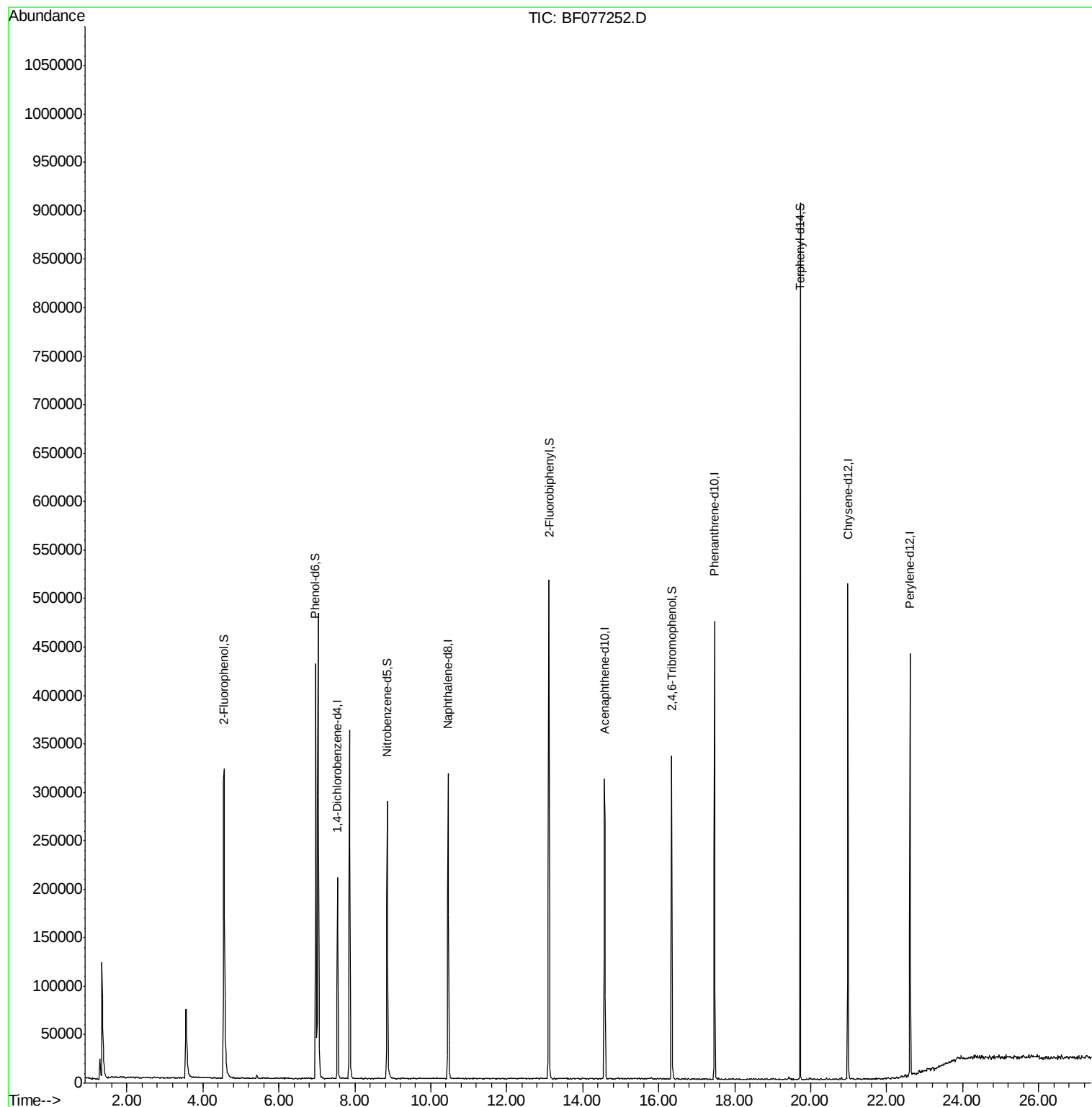
Target Compounds	Qvalue
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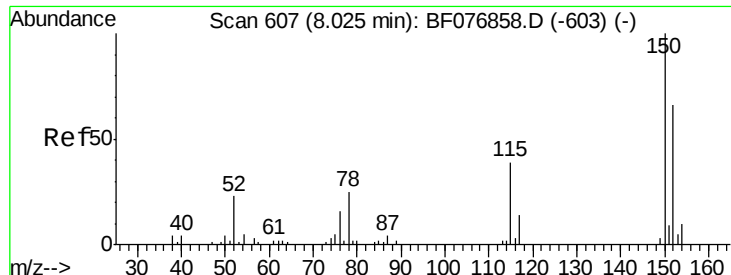
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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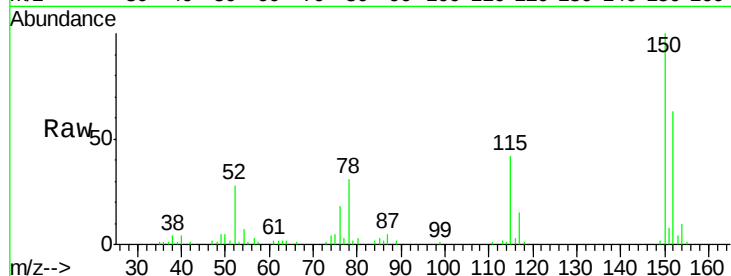


#1

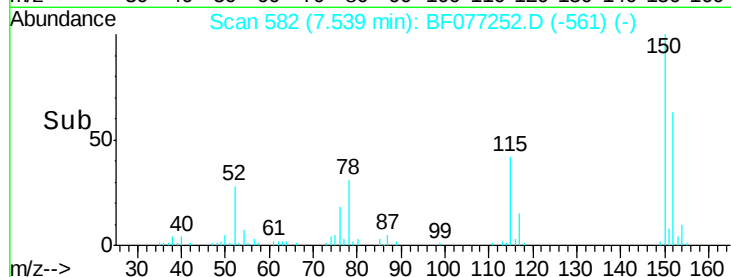
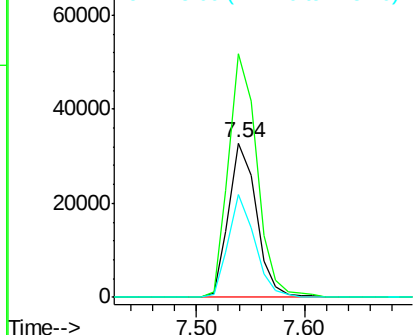
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF077252.D
Acq: 11 Feb 2015 14:05

Instrument :
BNA_F
ClientSampleId :
PB81706BL

Tgt Ion:152 Resp: 58448
Ion Ratio Lower Upper
152 100
150 157.6 121.7 182.5
115 66.4 47.0 70.6



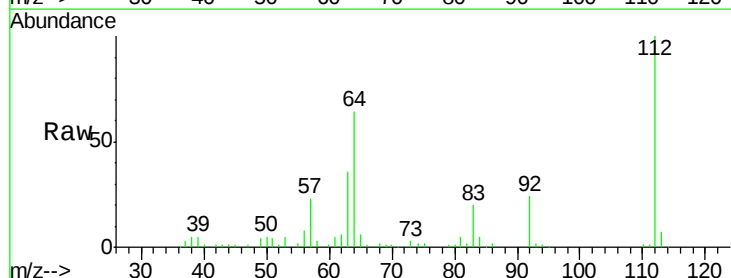
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



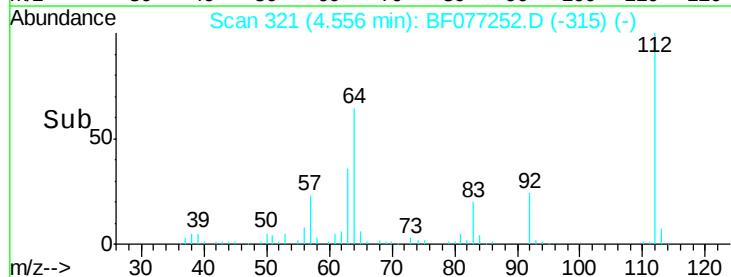
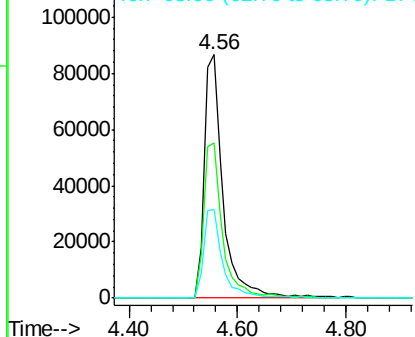
#5

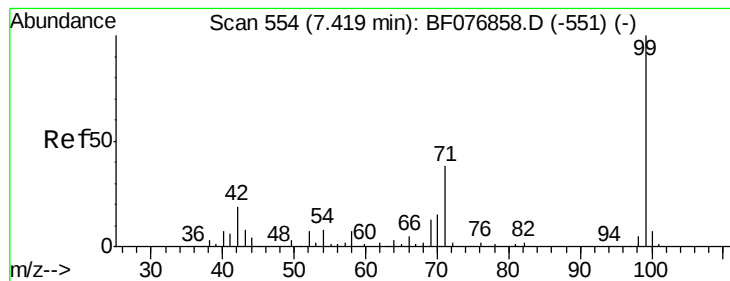
2-Fluorophenol
Concen: 58.21 ng
RT: 4.56 min Scan# 321
Delta R.T. -0.03 min
Lab File: BF077252.D
Acq: 11 Feb 2015 14:05

Tgt Ion:112 Resp: 206924
Ion Ratio Lower Upper
112 100
64 63.5 54.2 81.4
63 36.4 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: 57.66 ng

RT: 6.97 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF077252.D

Acq: 11 Feb 2015 14:05

Instrument :

BNA_F

ClientSampleId :

PB81706BL

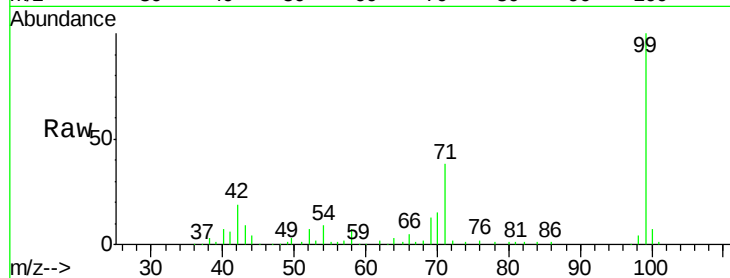
Tgt Ion: 99 Resp: 258574

Ion Ratio Lower Upper

99 100

42 19.2 15.0 22.4

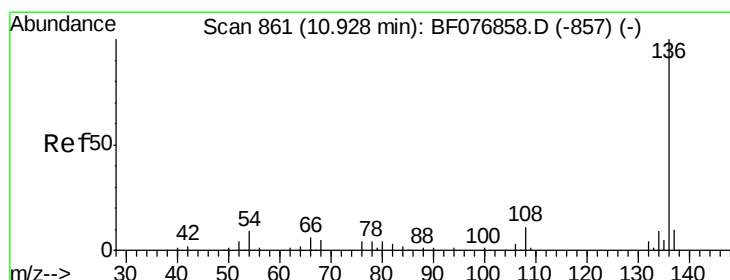
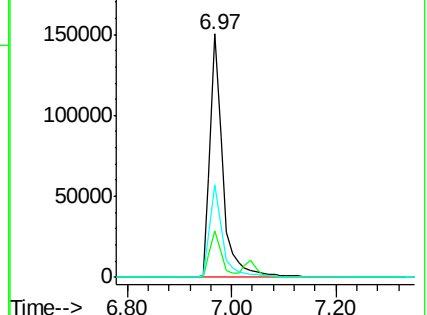
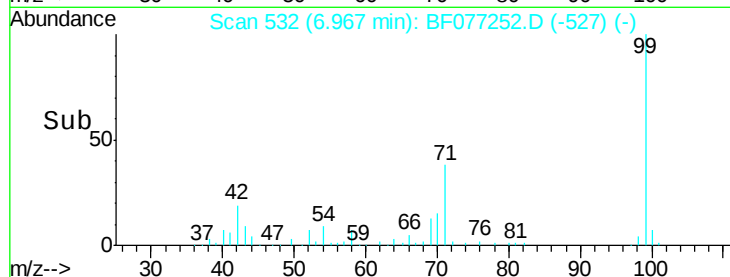
71 38.2 30.5 45.7



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: BF077252.D

Acq: 11 Feb 2015 14:05

Tgt Ion: 136 Resp: 245225

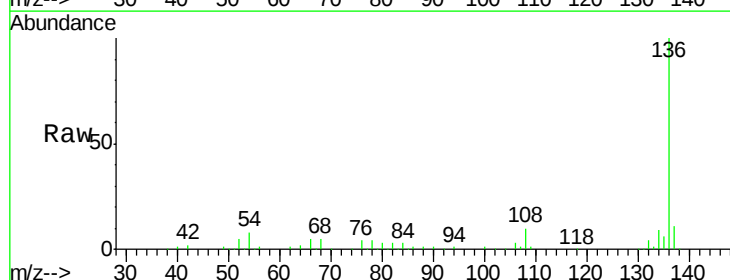
Ion Ratio Lower Upper

136 100

137 10.6 8.1 12.1

54 7.5 7.0 10.4

68 4.5 3.7 5.5

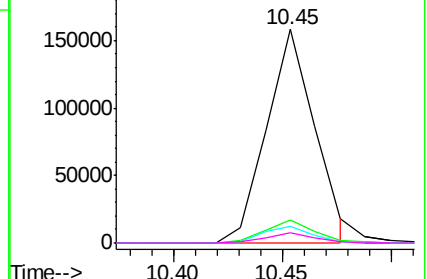
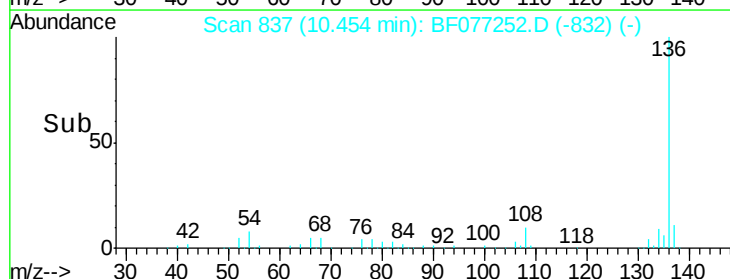


Abundance Ion 136.00 (135.70 to 136.70): E

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

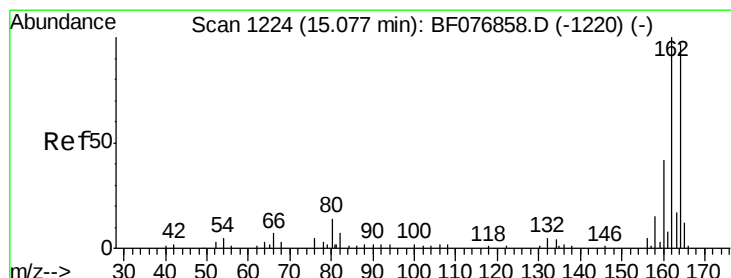
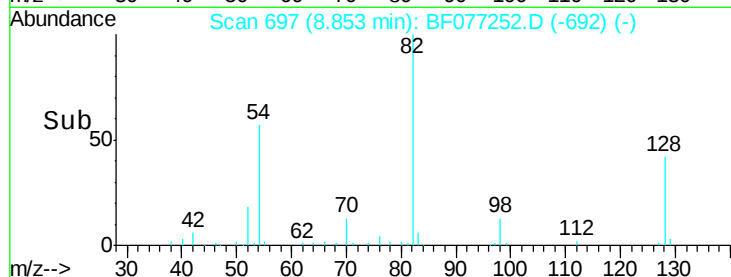
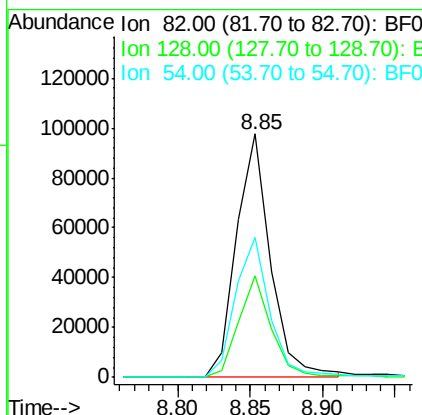
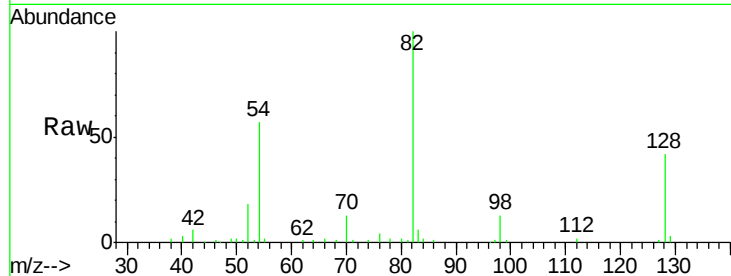




#23
 Nitrobenzene-d5
 Concen: 35.95 ng
 RT: 8.85 min Scan# 697
 Delta R.T. -0.05 min
 Lab File: BF077252.D
 Acq: 11 Feb 2015 14:05

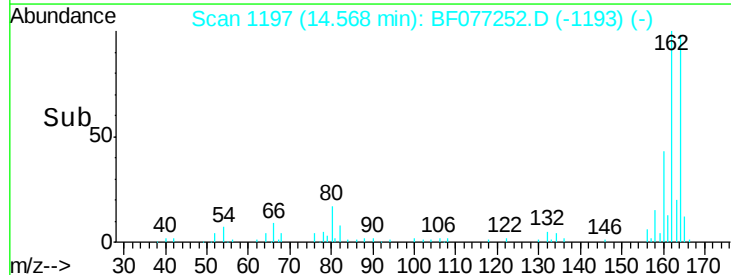
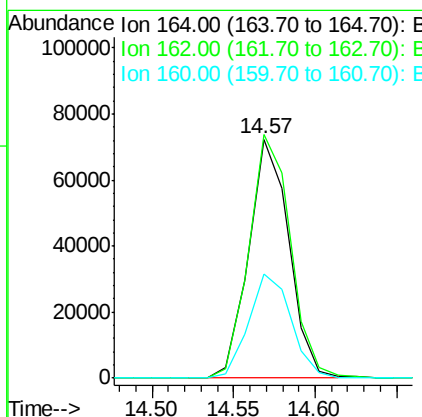
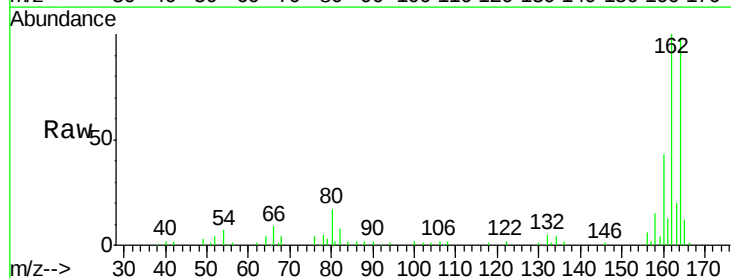
Instrument :
 BNA_F
 ClientSampled :
 PB81706BL

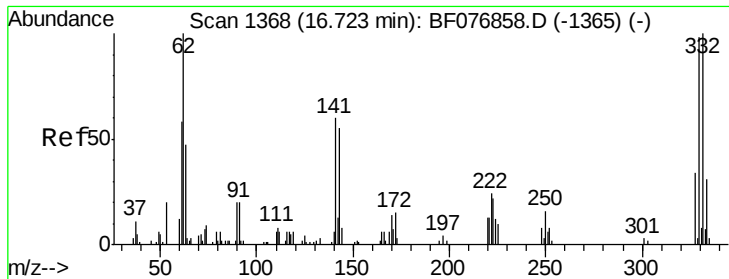
Tgt Ion: 82 Resp: 159146
 Ion Ratio Lower Upper
 82 100
 128 41.9 33.1 49.7
 54 57.5 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1197
 Delta R.T. -0.06 min
 Lab File: BF077252.D
 Acq: 11 Feb 2015 14:05

Tgt Ion: 164 Resp: 123447
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.4 123.6
 160 43.9 34.8 52.2

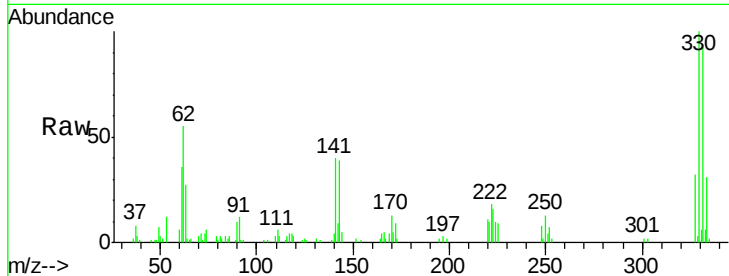




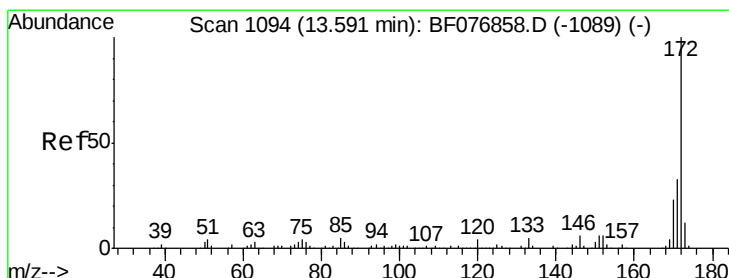
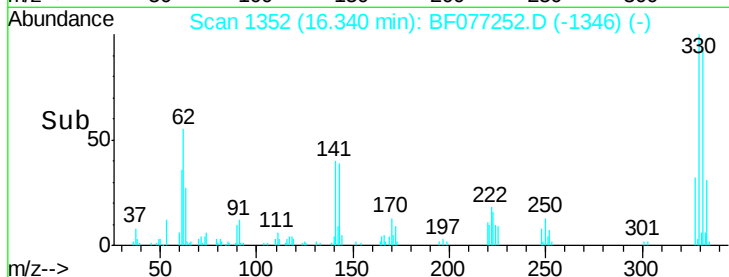
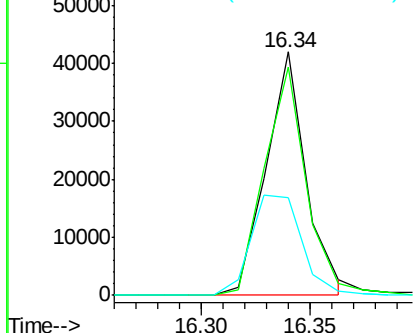
#41
 2,4,6-Tribromophenol
 Concen: 53.68 ng
 RT: 16.34 min Scan# 1352
 Delta R.T. -0.03 min
 Lab File: BF077252.D
 Acq: 11 Feb 2015 14:05

Instrument :
 BNA_F
 ClientSampled :
 PB81706BL

Tgt Ion:330 Resp: 53786
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.8 116.6
 141 51.9 38.5 57.7

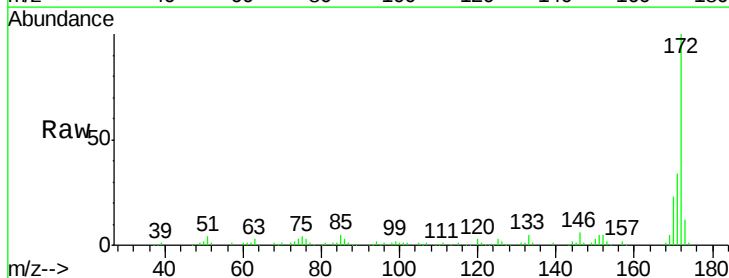


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

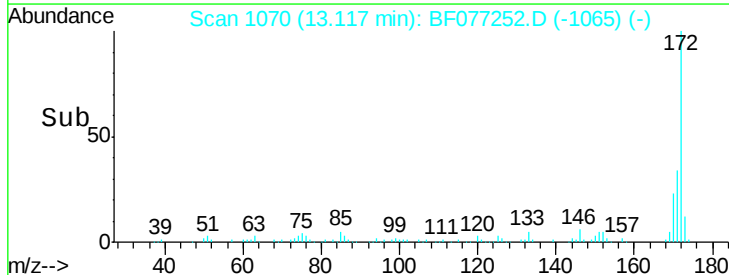
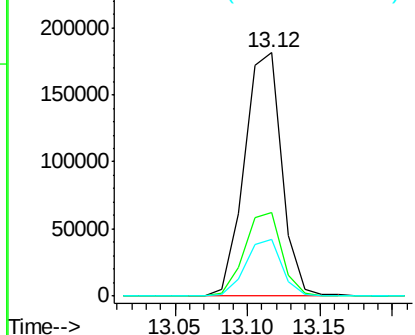


#44
 2-Fluorobiphenyl
 Concen: 40.00 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. -0.05 min
 Lab File: BF077252.D
 Acq: 11 Feb 2015 14:05

Tgt Ion:172 Resp: 324459
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.6 40.0
 170 23.3 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

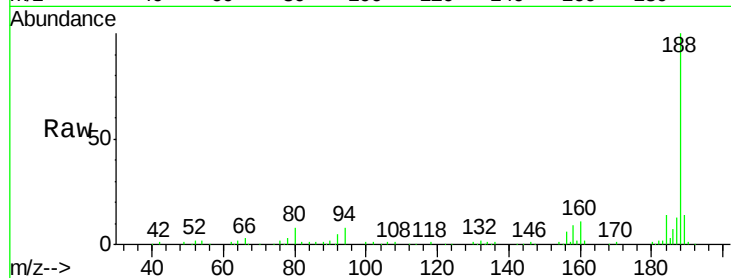




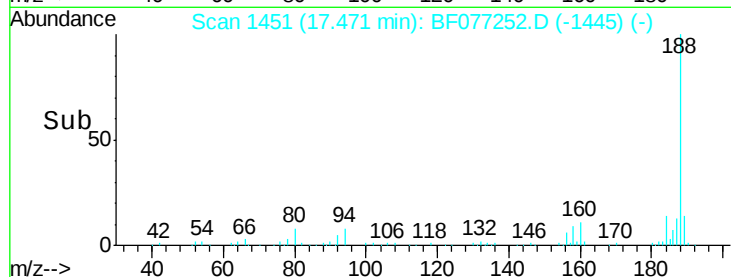
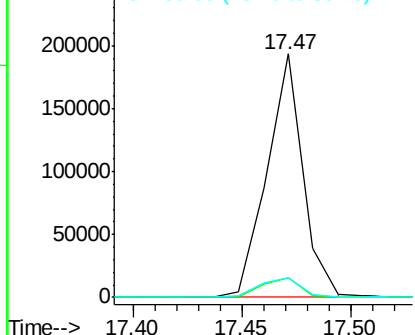
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.03 min
Lab File: BF077252.D
Acq: 11 Feb 2015 14:05

Instrument :
BNA_F
ClientSampleID :
PB81706BL

Tgt Ion:188 Resp: 223640
Ion Ratio Lower Upper
188 100
94 8.2 6.0 9.0
80 8.1 6.9 10.3

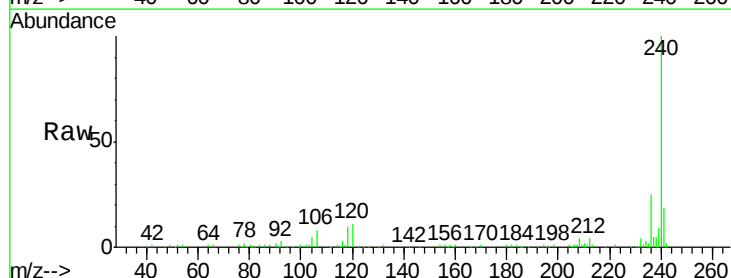


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

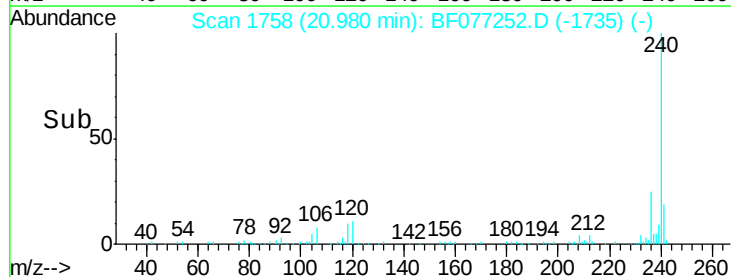
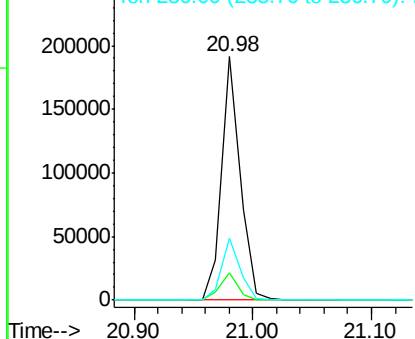


#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.98 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BF077252.D
Acq: 11 Feb 2015 14:05

Tgt Ion:240 Resp: 207365
Ion Ratio Lower Upper
240 100
120 11.4 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

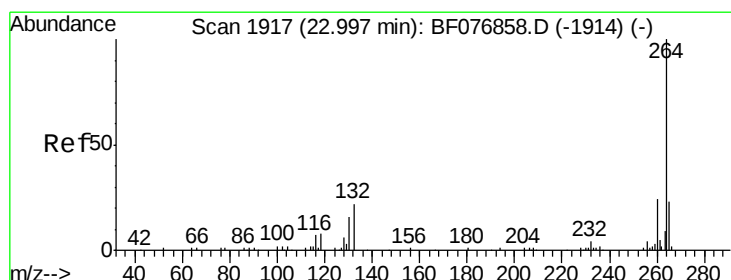
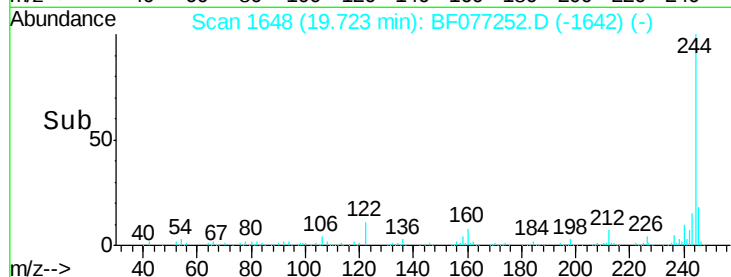
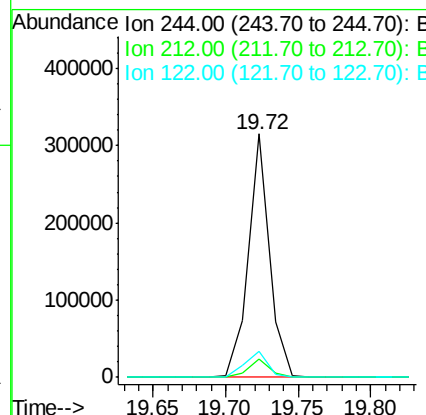
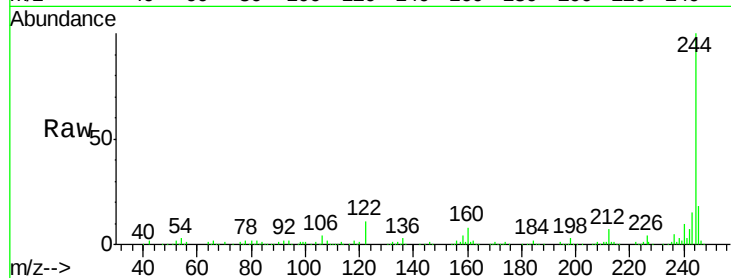




#78
 Terphenyl-d14
 Concen: 35.44 ng
 RT: 19.72 min Scan# 1648
 Delta R.T. -0.03 min
 Lab File: BF077252.D
 Acq: 11 Feb 2015 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	10.9	10.1	15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.61 min Scan# 1901
 Delta R.T. -0.05 min
 Lab File: BF077252.D
 Acq: 11 Feb 2015 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.1	18.1	27.1

