

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
 Data File : BF078820.D
 Acq On : 29 Apr 2015 18:29
 Operator : TP/IZ
 Sample : G2021-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-20-25

Quant Time: Apr 30 01:15:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

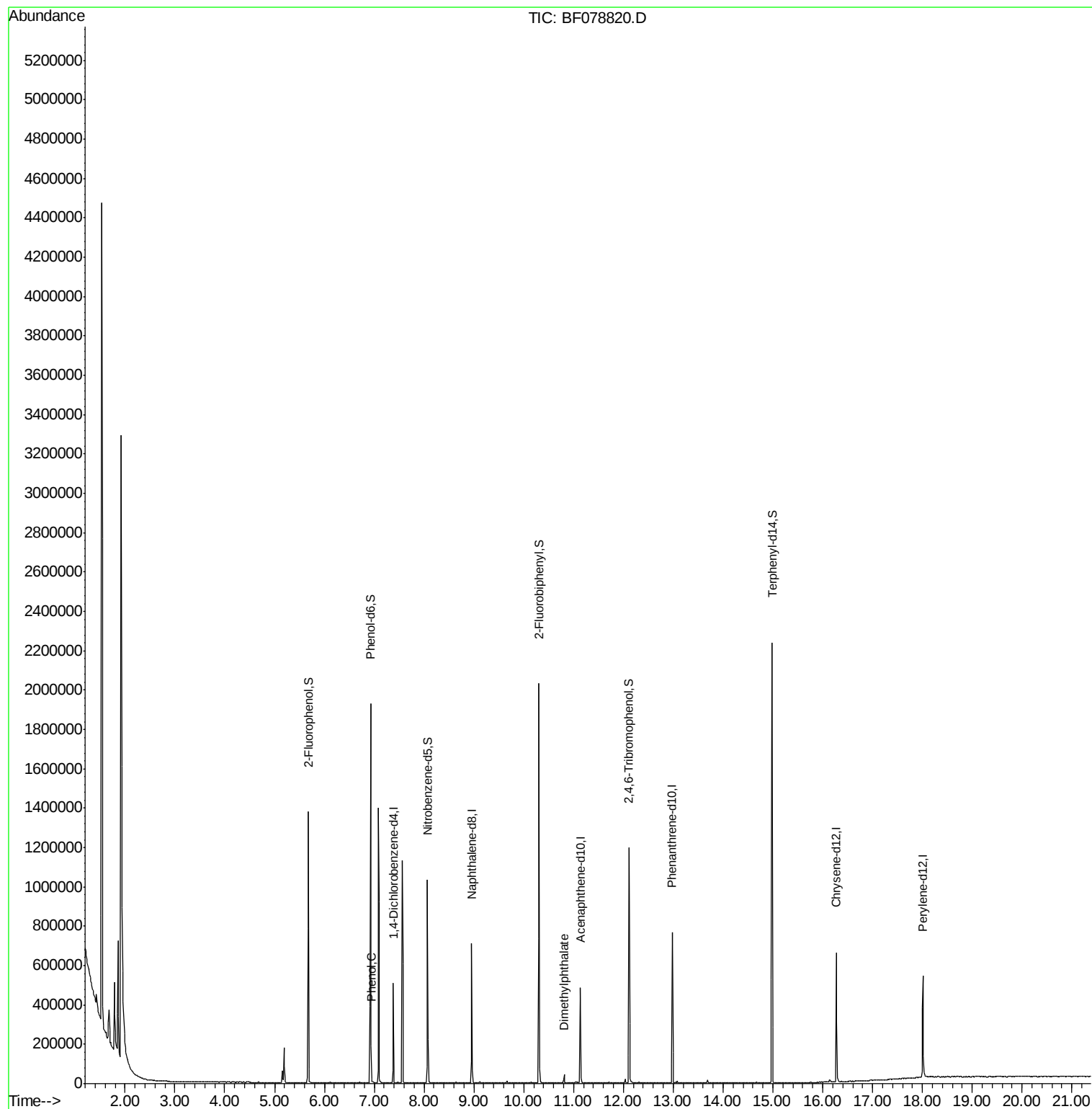
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	71878	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	299438	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	135568	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	276275	20.00	ng	0.00
75) Chrysene-d12	16.27	240	273542	20.00	ng	-0.02
86) Perylene-d12	18.01	264	270168	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	446971	114.21	ng	0.00
7) Phenol-d6	6.92	99	604637	115.68	ng	0.00
23) Nitrobenzene-d5	8.07	82	307577	73.96	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	140235	105.10	ng	-0.01
44) 2-Fluorobiphenyl	10.31	172	672752	67.96	ng	0.00
78) Terphenyl-d14	14.98	244	732039	63.73	ng	0.00
Target Compounds						
10) Phenol	6.94	94	20236	3.28	ng	86
49) Dimethylphthalate	10.81	163	19315	2.00	ng	98

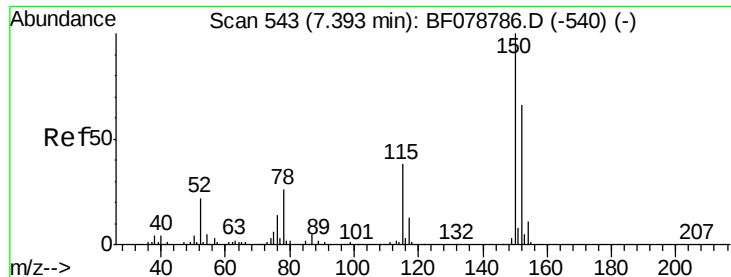
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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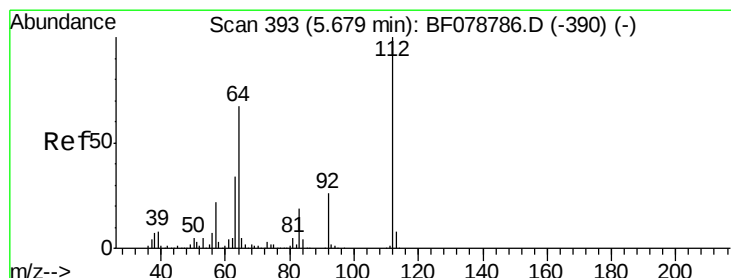
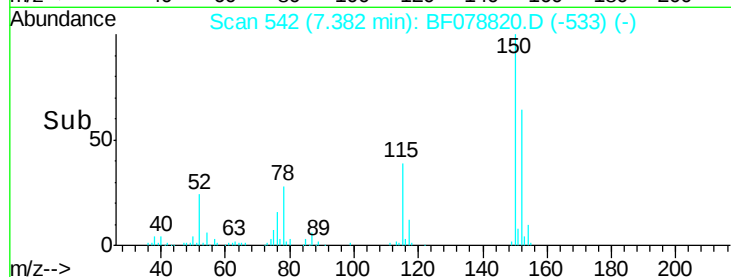
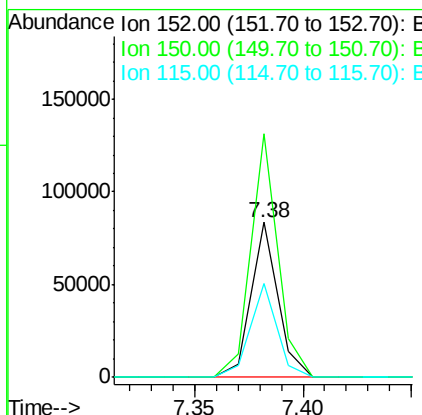
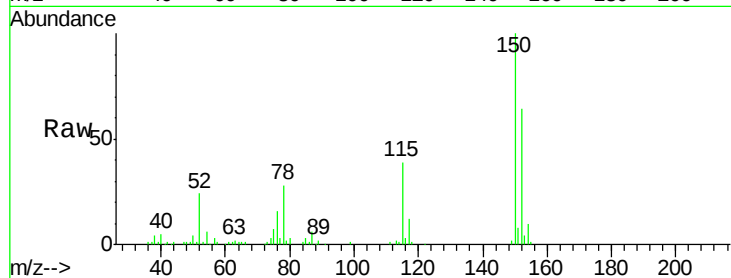


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078820.D
Acq: 29 Apr 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PS-25-20-25

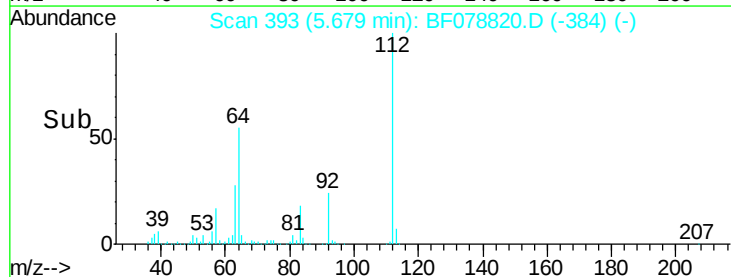
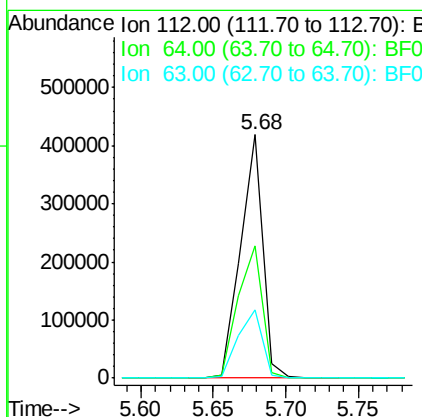
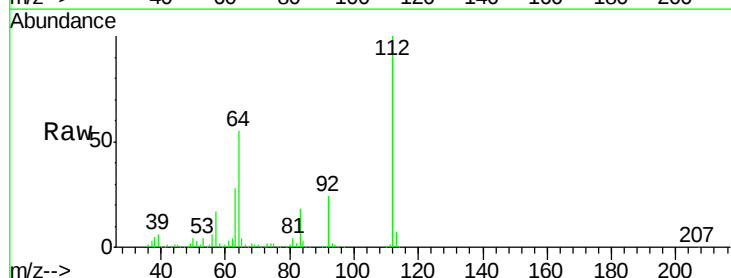
Tgt Ion:152 Resp: 71878
Ion Ratio Lower Upper
152 100
150 157.4 122.0 183.0
115 61.0 46.3 69.5

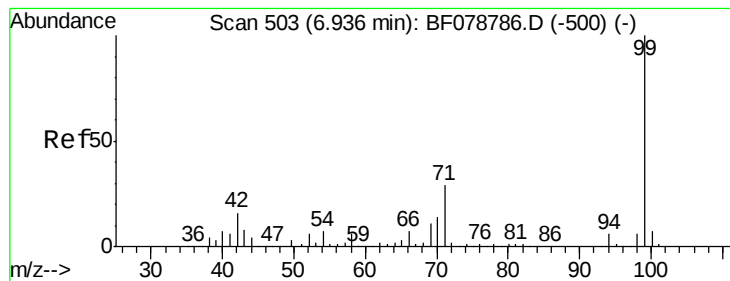


#5

2-Fluorophenol
Concen: 114.21 ng
RT: 5.68 min Scan# 393
Delta R.T. 0.00 min
Lab File: BF078820.D
Acq: 29 Apr 2015 18:29

Tgt Ion:112 Resp: 446971
Ion Ratio Lower Upper
112 100
64 54.6 53.5 80.3
63 27.9 27.5 41.3





#7

Phenol-d6

Concen: 115.68 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078820.D

Acq: 29 Apr 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PS-25-20-25

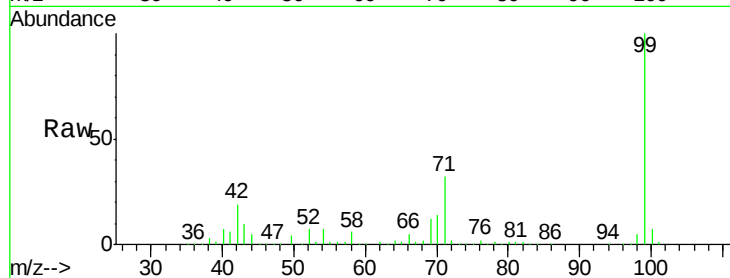
Tgt Ion: 99 Resp: 604637

Ion Ratio Lower Upper

99 100

42 19.0 12.8 19.2

71 31.8 23.4 35.2



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

800000

600000

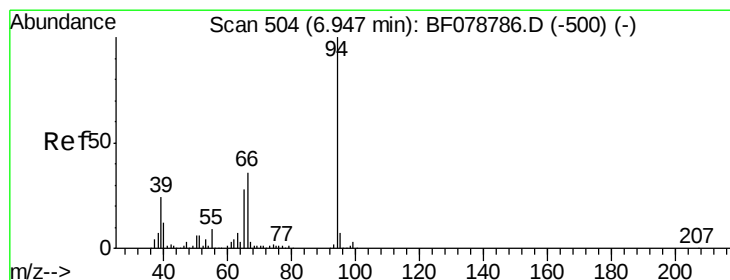
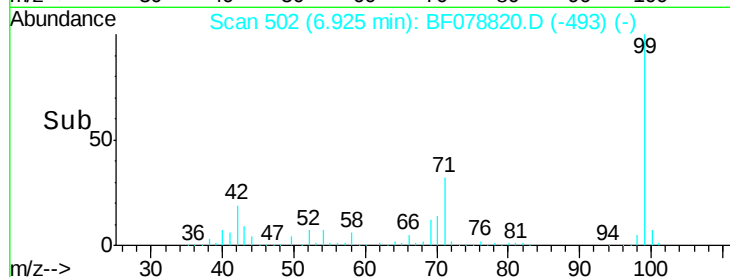
400000

200000

0

6.85 6.90 6.95 7.00

Time-->



#10

Phenol

Concen: 3.28 ng

RT: 6.94 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078820.D

Acq: 29 Apr 2015 18:29

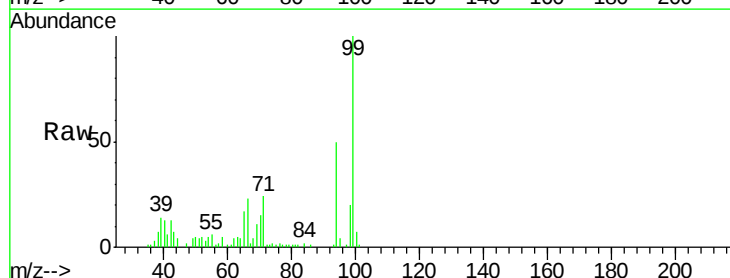
Tgt Ion: 94 Resp: 20236

Ion Ratio Lower Upper

94 100

65 34.5 8.5 48.5

66 45.3 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

40000

30000

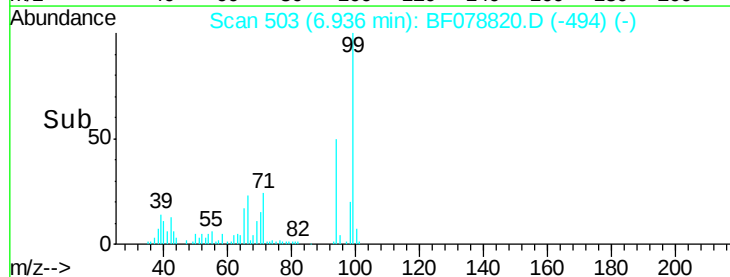
20000

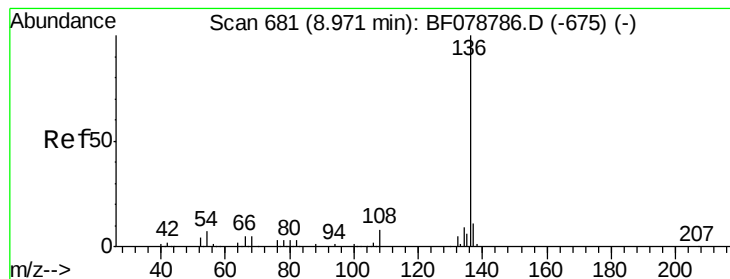
10000

0

6.90 6.95

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078820.D

Acq: 29 Apr 2015 18:29

Instrument :

BNA_F

ClientSampleId :

PS-25-20-25

Tgt Ion:136 Resp: 299438

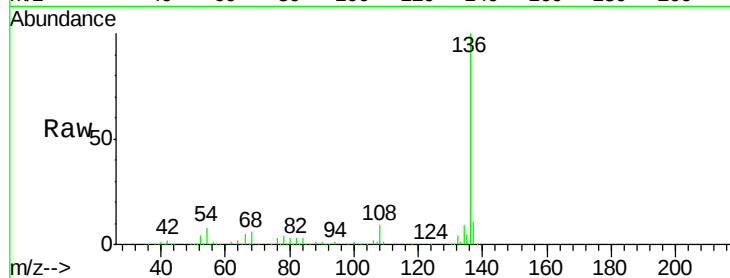
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.1 5.8 8.8

68 6.0 4.2 6.4

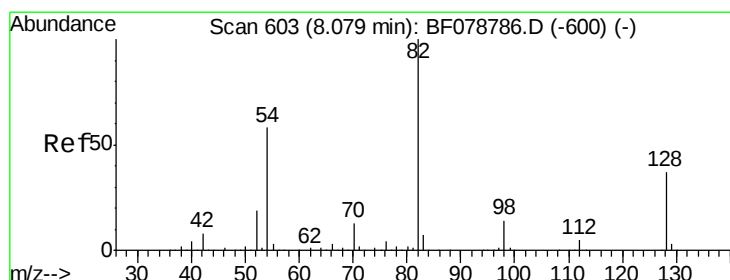
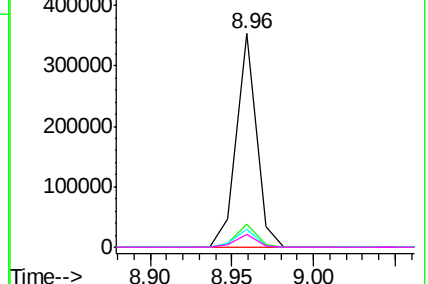
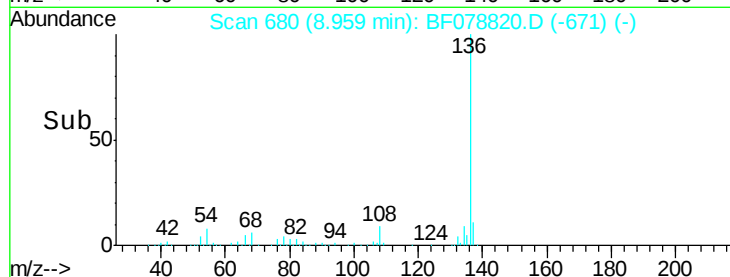


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.96 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF078820.D

Acq: 29 Apr 2015 18:29

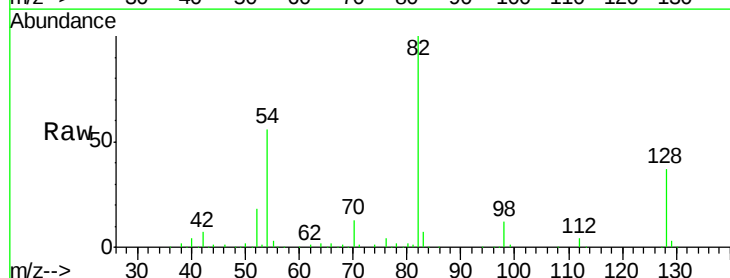
Tgt Ion: 82 Resp: 307577

Ion Ratio Lower Upper

82 100

128 37.1 30.0 45.0

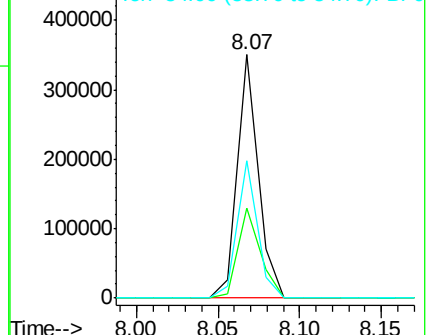
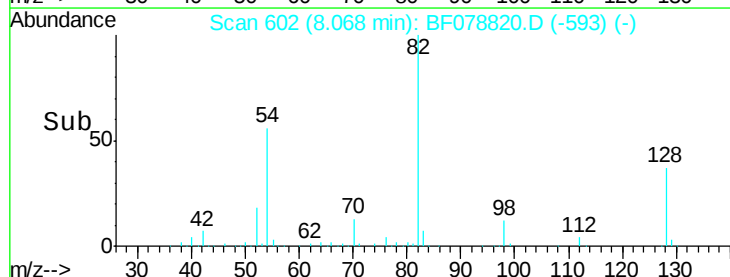
54 56.3 46.4 69.6

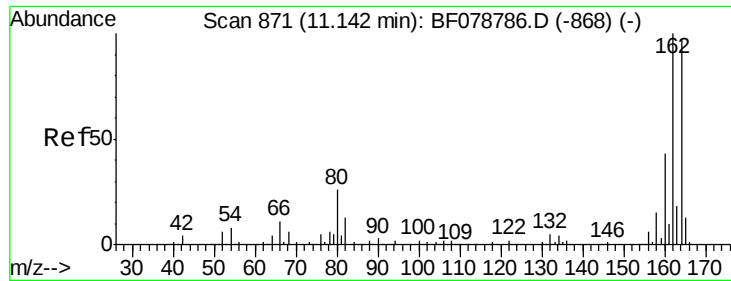


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

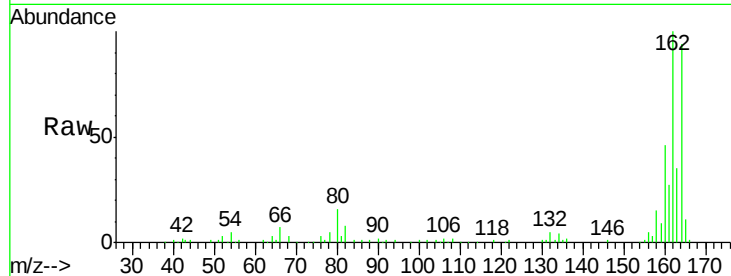




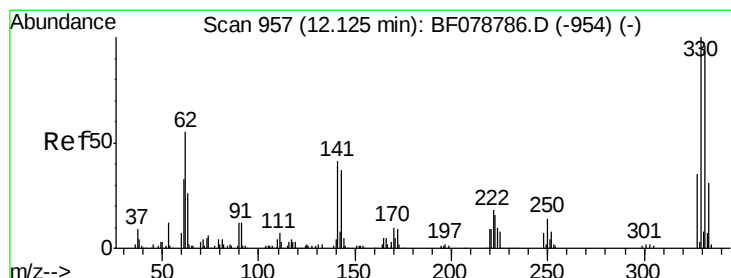
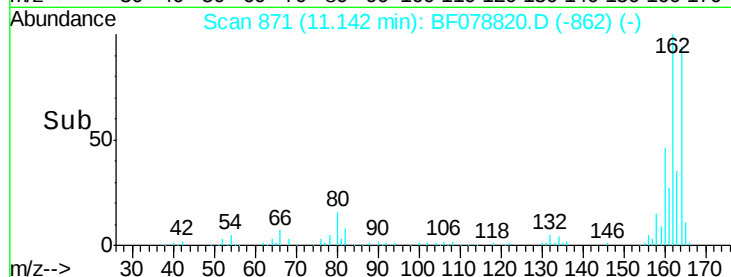
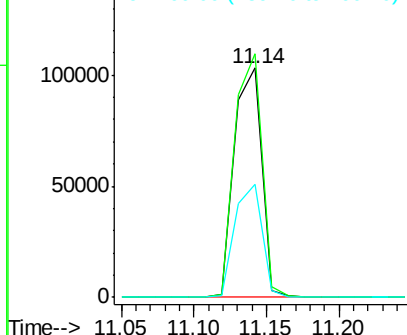
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF078820.D
Acq: 29 Apr 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PS-25-20-25

Tgt Ion:164 Resp: 135568
Ion Ratio Lower Upper
164 100
162 106.1 82.7 124.1
160 49.1 35.8 53.8

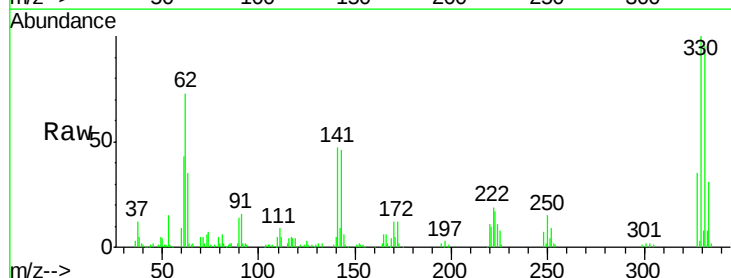


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

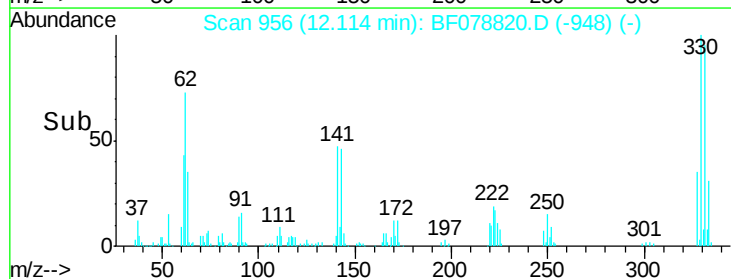
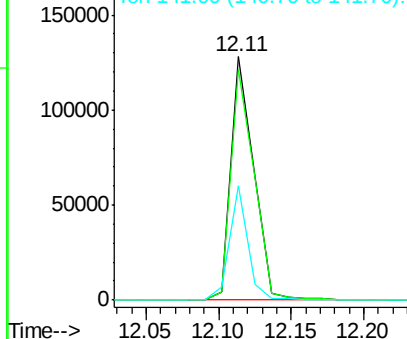


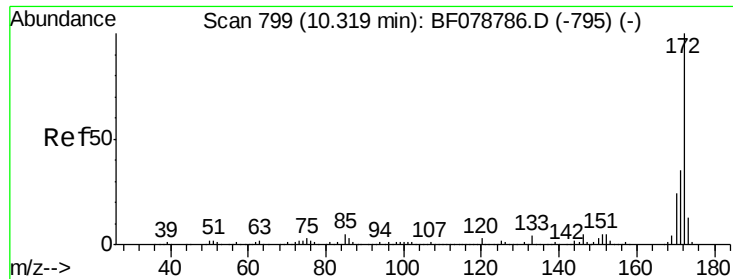
#41
2,4,6-Tribromophenol
Concen: 105.10 ng
RT: 12.11 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF078820.D
Acq: 29 Apr 2015 18:29

Tgt Ion:330 Resp: 140235
Ion Ratio Lower Upper
330 100
332 96.6 0.0 0.0#
141 38.0 0.0 0.0#



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

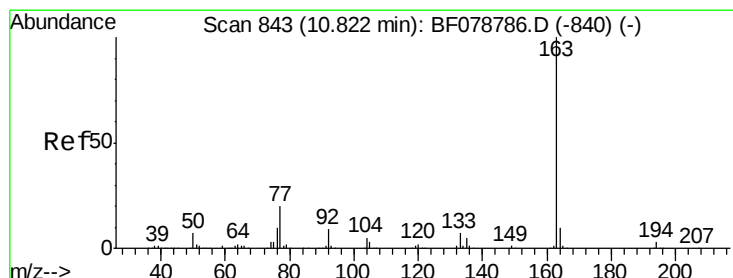
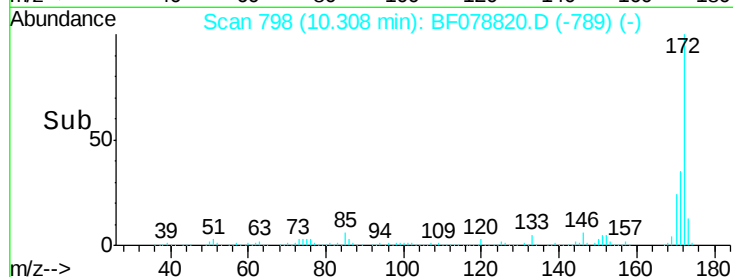
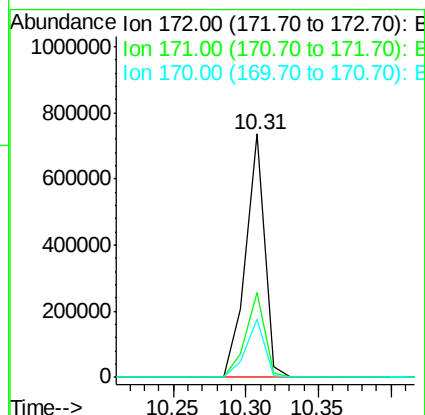
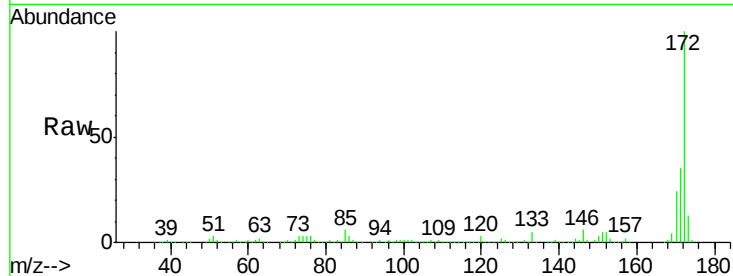




#44
 2-Fluorobiphenyl
 Concen: 67.96 ng
 RT: 10.31 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF078820.D
 Acq: 29 Apr 2015 18:29

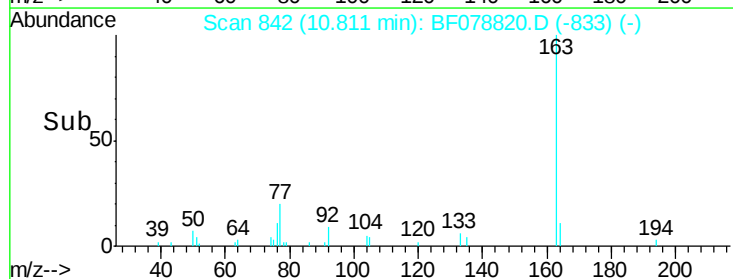
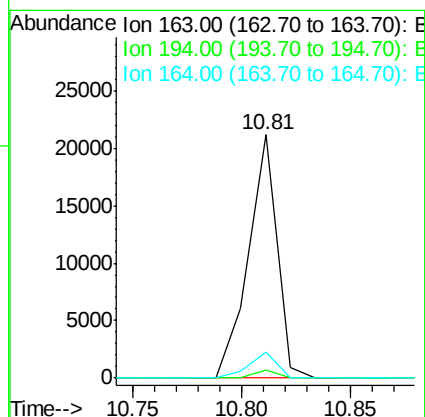
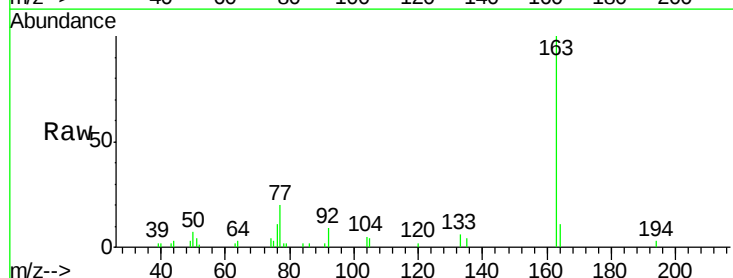
Instrument :
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 PS-25-20-25

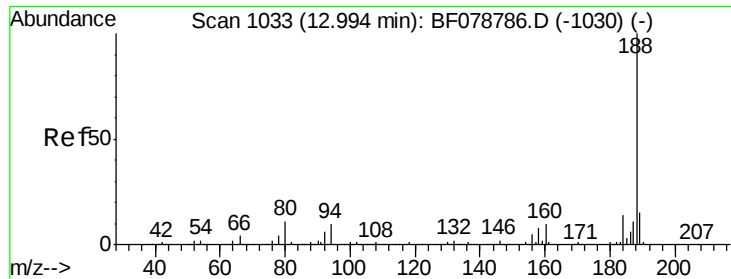
Tgt Ion:172 Resp: 672752
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.9 41.9
 170 23.8 19.4 29.0



#49
 Dimethylphthalate
 Concen: 2.00 ng
 RT: 10.81 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF078820.D
 Acq: 29 Apr 2015 18:29

Tgt Ion:163 Resp: 19315
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.8 8.1 12.1

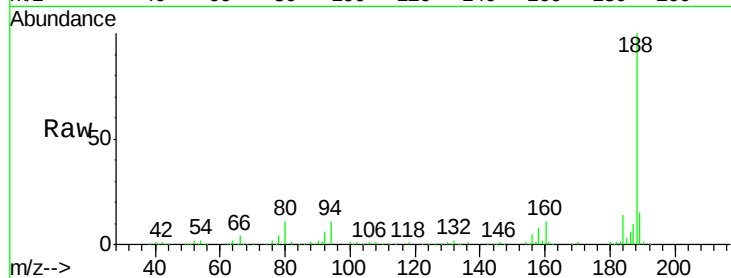




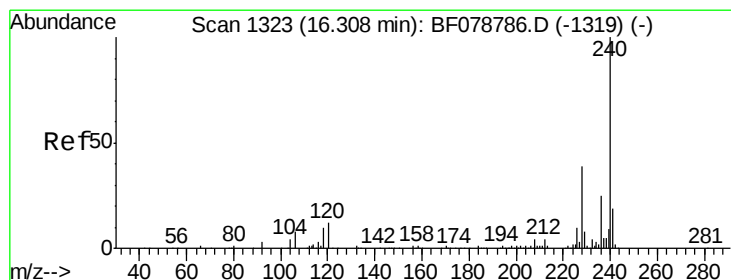
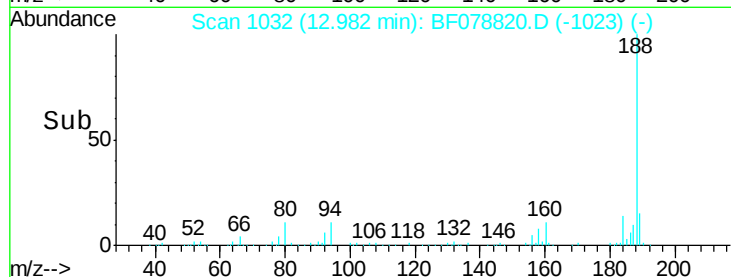
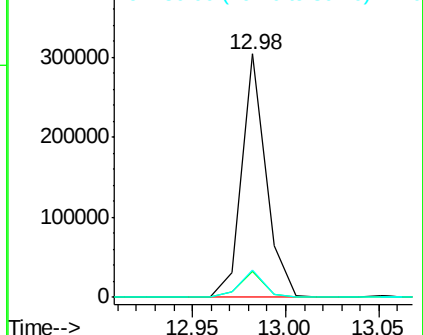
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078820.D
Acq: 29 Apr 2015 18:29

Instrument :
BNA_F
ClientSampleId :
PS-25-20-25

Tgt Ion:188 Resp: 276275
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 11.2 8.9 13.3

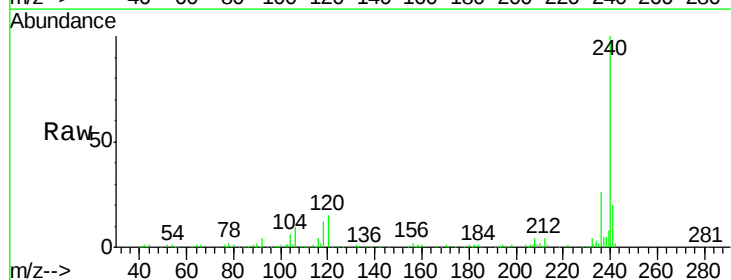


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

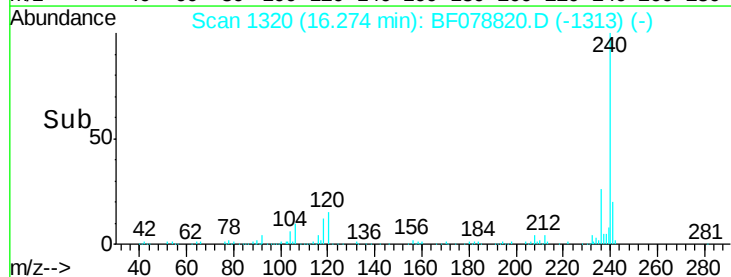
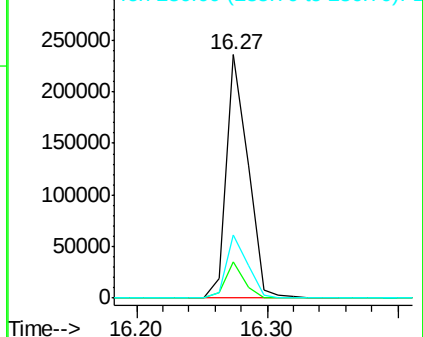


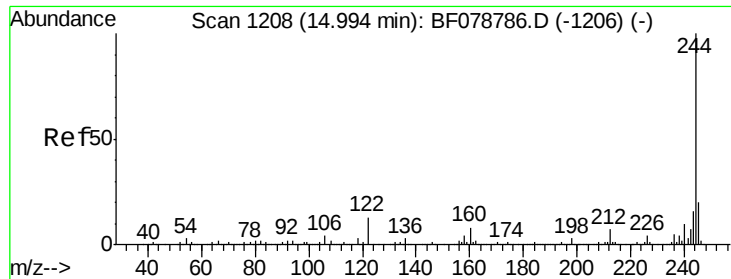
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF078820.D
Acq: 29 Apr 2015 18:29

Tgt Ion:240 Resp: 273542
Ion Ratio Lower Upper
240 100
120 14.8 9.7 14.5#
236 26.1 20.2 30.4



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

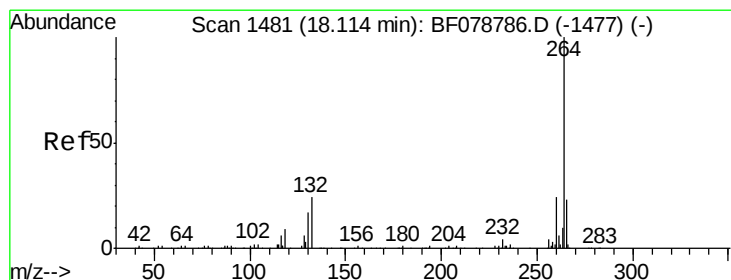
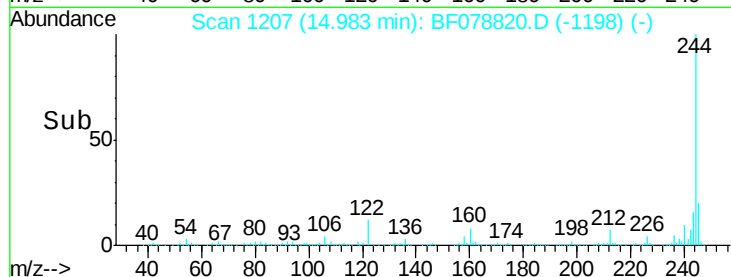
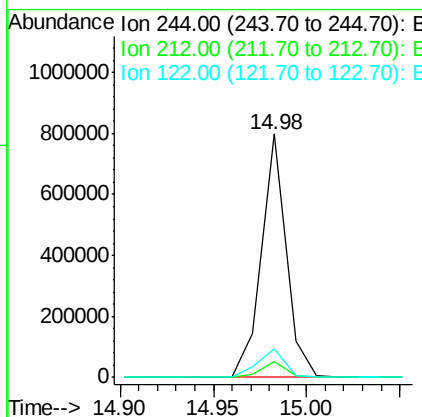
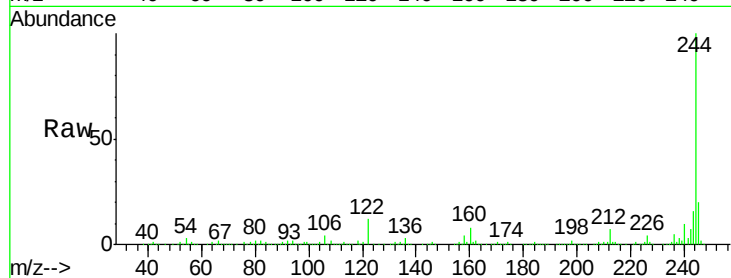




#78
 Terphenyl-d14
 Concen: 63.73 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF078820.D
 Acq: 29 Apr 2015 18:29

Instrument :
 BNA_F
 ClientSampled :
 PS-25-20-25

Tgt Ion:244 Resp: 732039
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1472
 Delta R.T. -0.07 min
 Lab File: BF078820.D
 Acq: 29 Apr 2015 18:29

Tgt Ion:264 Resp: 270168
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 20.9 18.3 27.5

