

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079024.D
 Acq On : 8 May 2015 6:35
 Operator : TP/IZ
 Sample : G2077-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-24

Quant Time: May 08 07:26:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 07:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	67842	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	288302	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	148977	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	292821	20.00	ng	0.00
75) Chrysene-d12	16.25	240	332962	20.00	ng	0.00
86) Perylene-d12	18.02	264	333524	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	261590	66.37	ng	0.00
7) Phenol-d6	6.90	99	235340	45.17	ng	0.00
23) Nitrobenzene-d5	8.03	82	422035	84.13	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	197336	122.44	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	800197	74.83	ng	0.00
78) Terphenyl-d14	14.95	244	935889	67.29	ng	0.00

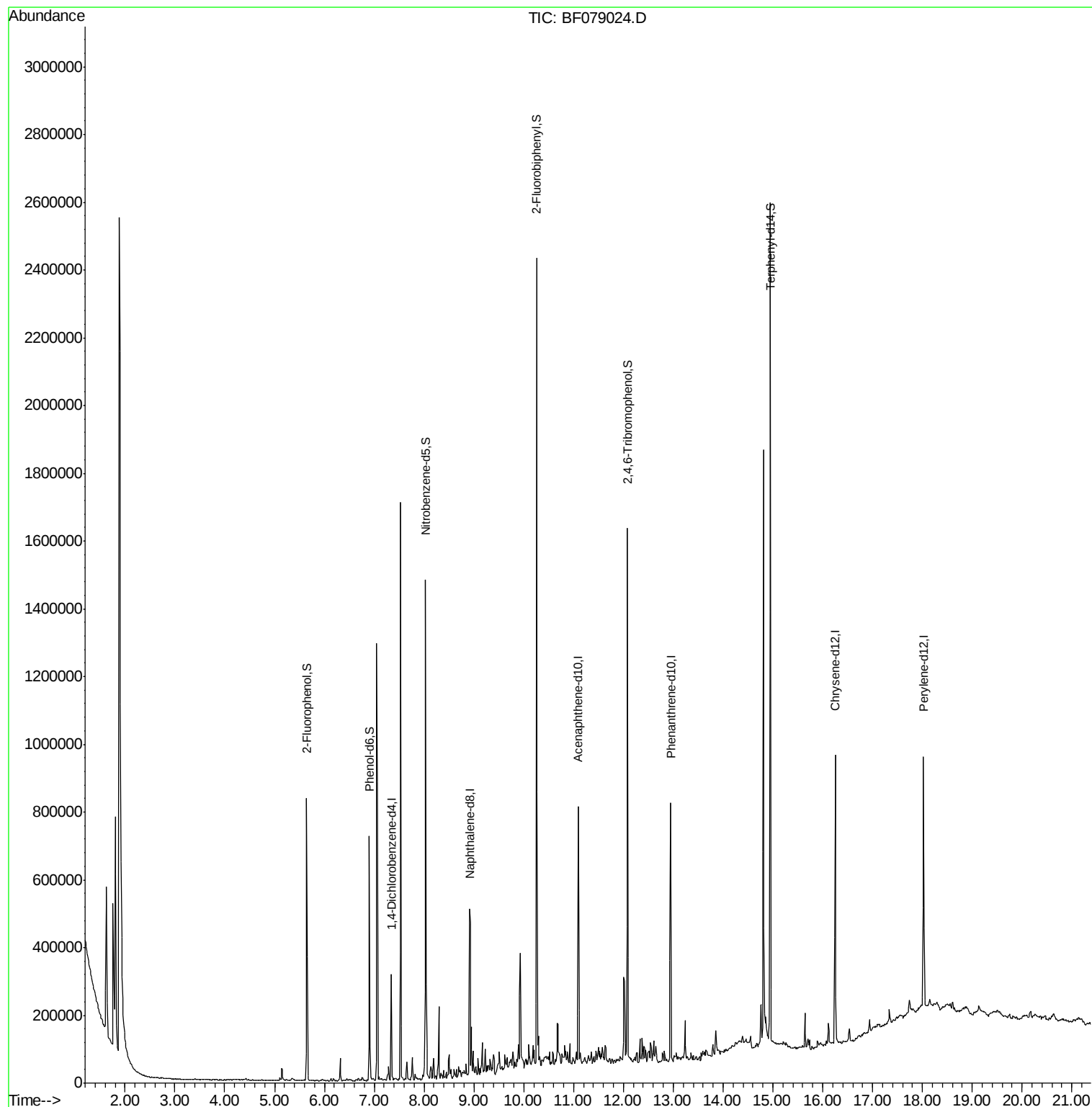
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF079024.D

Acq: 8 May 2015 6:35

Instrument :

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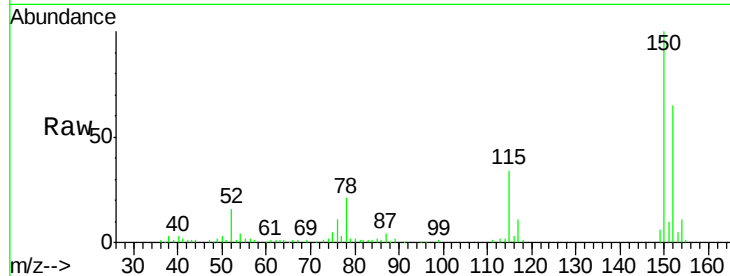
Tot Ion:152 Resp: 67842

Ion Ratio Lower Upper

152 100

150 155.0 122.0 183.0

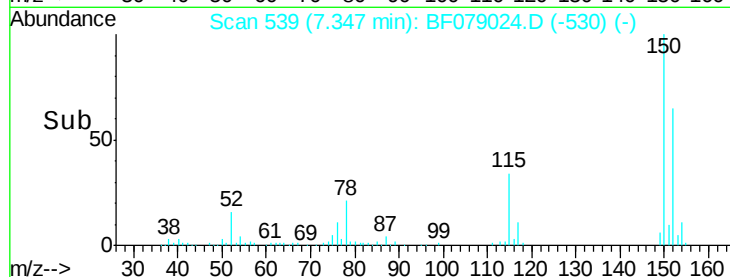
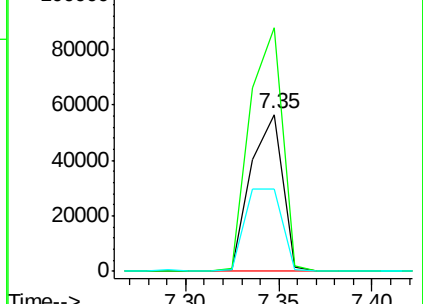
115 52.7 46.3 69.5



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: 66.37 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF079024.D

Acq: 8 May 2015 6:35

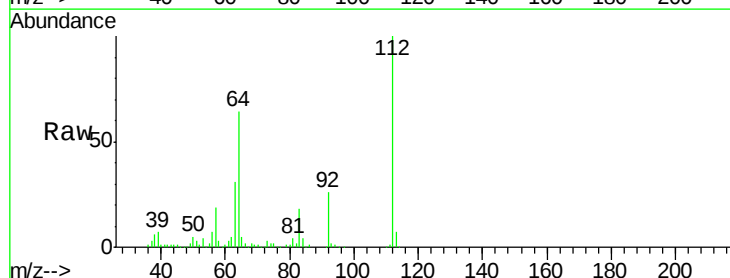
Tgt Ion:112 Resp: 261590

Ion Ratio Lower Upper

112 100

64 63.8 53.5 80.3

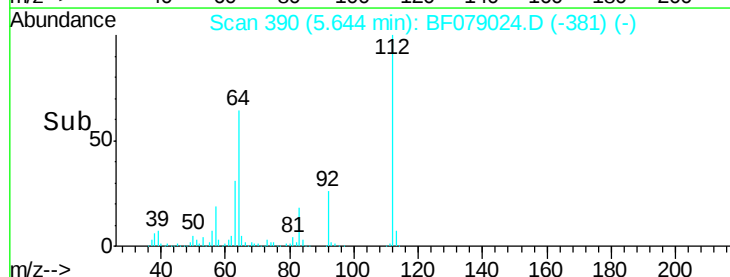
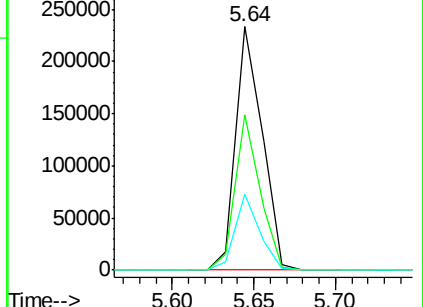
63 31.4 27.5 41.3

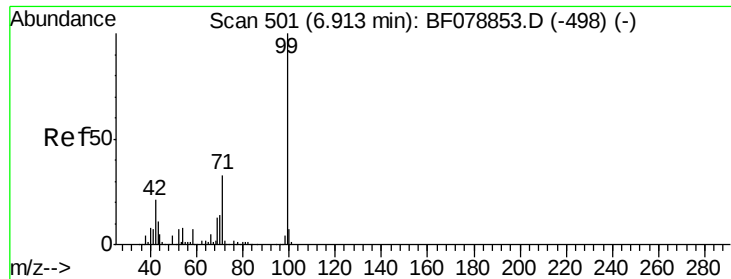


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.17 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079024.D

Acq: 8 May 2015 6:35

Instrument :

BNA_F

ClientSampleId :

W-24

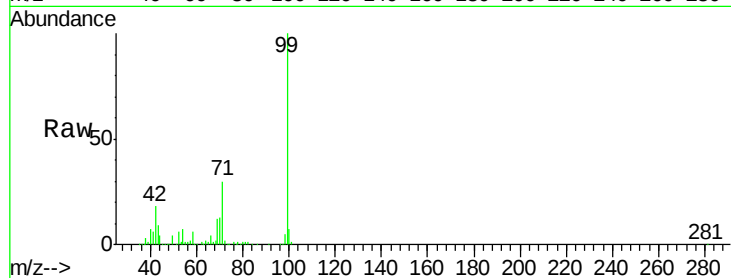
Tot Ion: 99 Resp: 235340

Ion Ratio Lower Upper

99 100

42 17.9 12.8 19.2

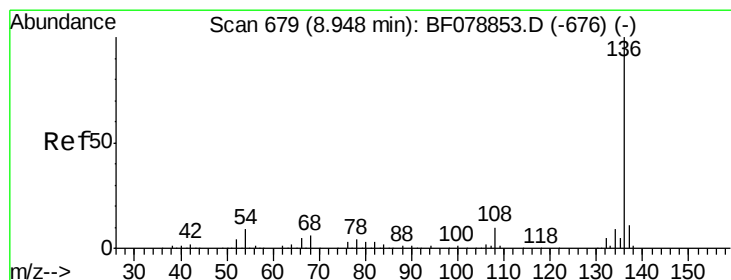
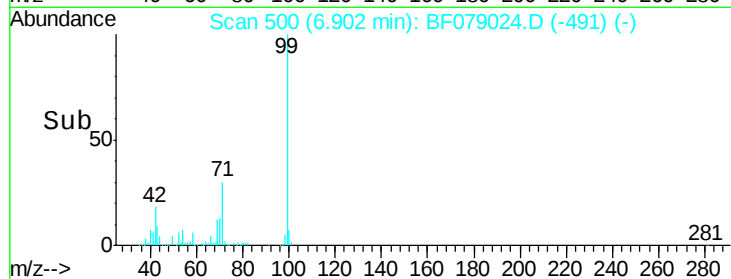
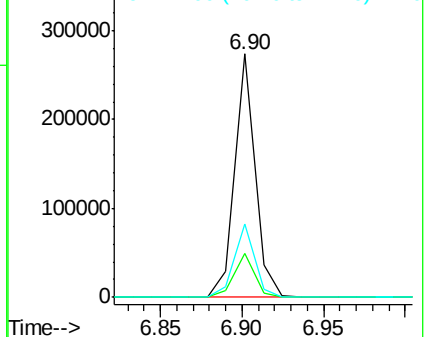
71 30.4 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF079024.D

Acq: 8 May 2015 6:35

Tgt Ion: 136 Resp: 288302

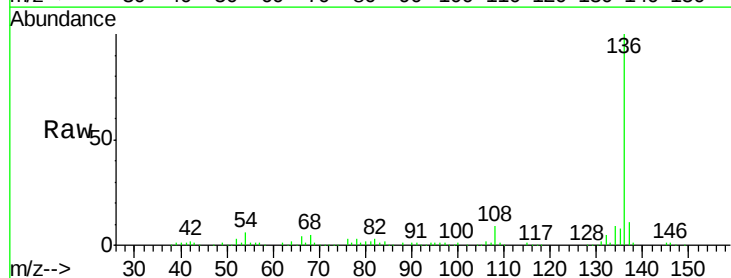
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 6.4 5.8 8.8

68 5.2 4.2 6.4

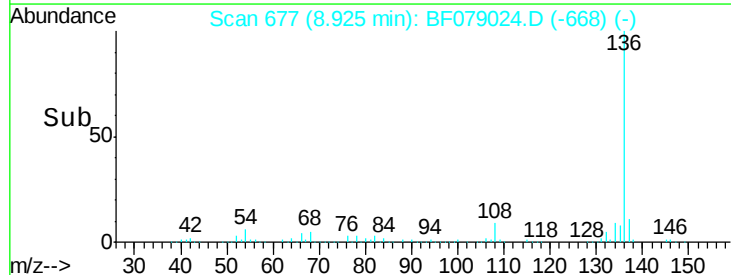
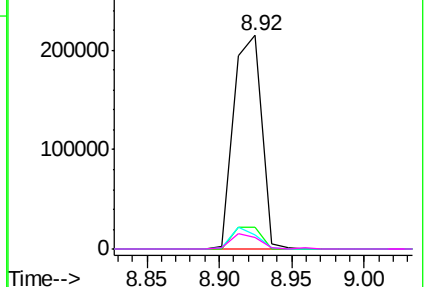


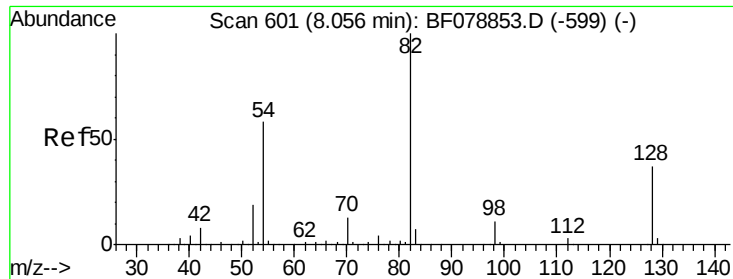
Abundance Ion 136.00 (135.70 to 136.70): E

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

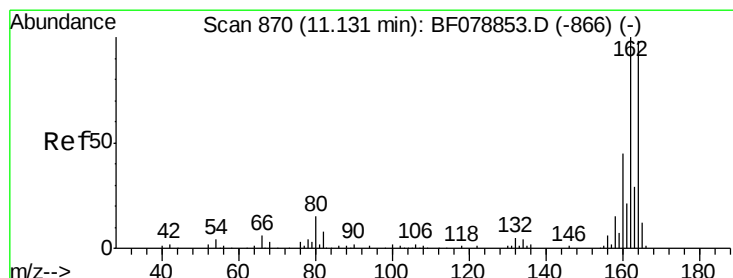
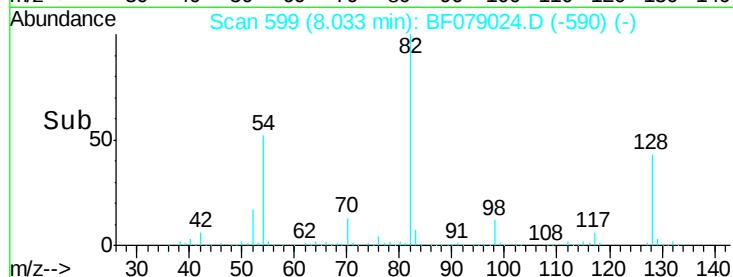
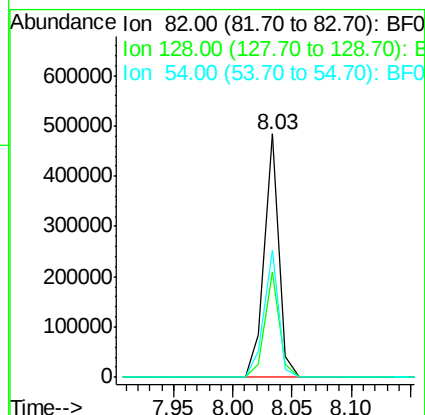
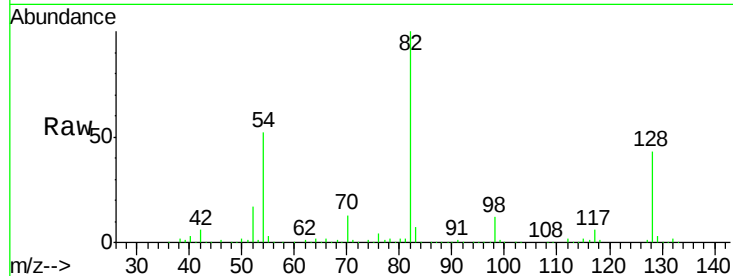




#23
 Nitrobenzene-d5
 Concen: 84.13 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079024.D
 Acq: 8 May 2015 6:35

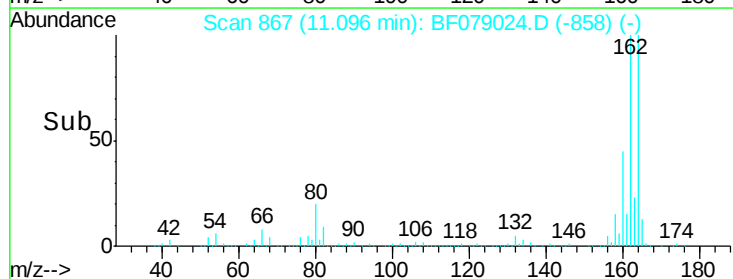
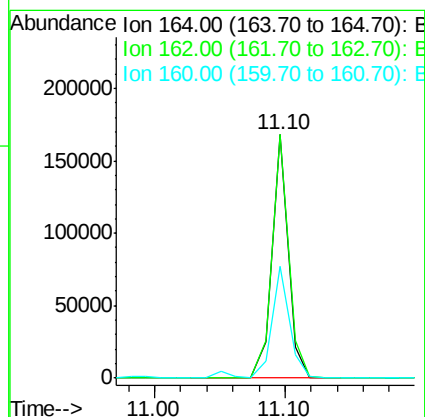
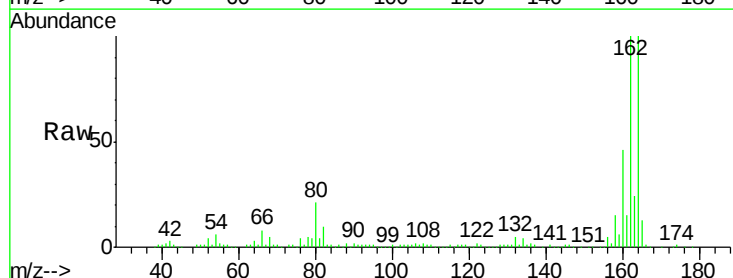
Instrument :
 BNA_F
 ClientSampleId :
 W-24

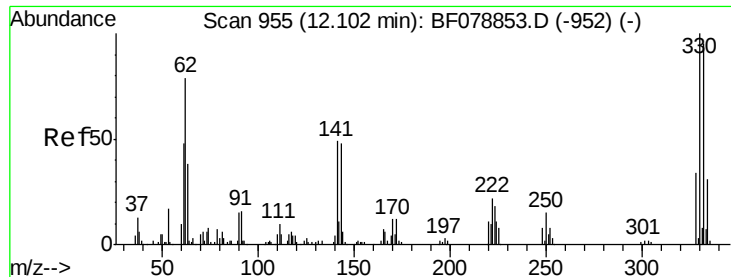
Tot Ion: 82 Resp: 422035
 Ion Ratio Lower Upper
 82 100
 128 43.0 30.0 45.0
 54 52.3 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF079024.D
 Acq: 8 May 2015 6:35

Tgt Ion:164 Resp: 148977
 Ion Ratio Lower Upper
 164 100
 162 99.9 82.7 124.1
 160 45.9 35.8 53.8

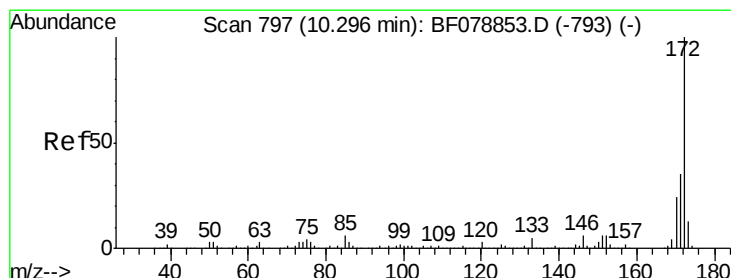
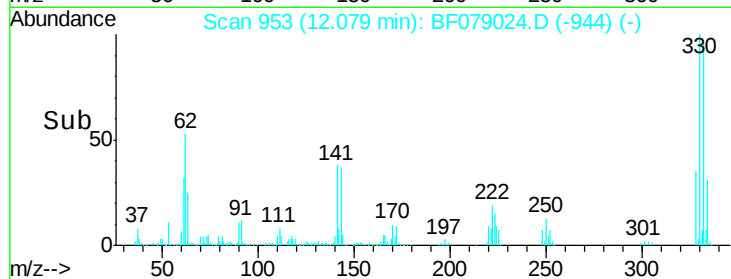
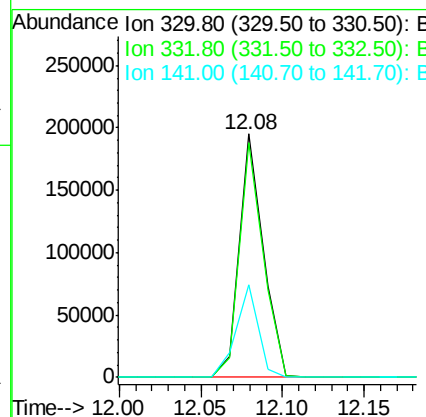
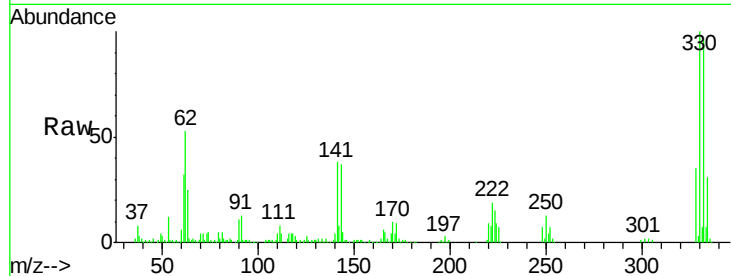




#41
 2,4,6-Tribromophenol
 Concen: 122.44 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF079024.D
 Acq: 8 May 2015 6:35

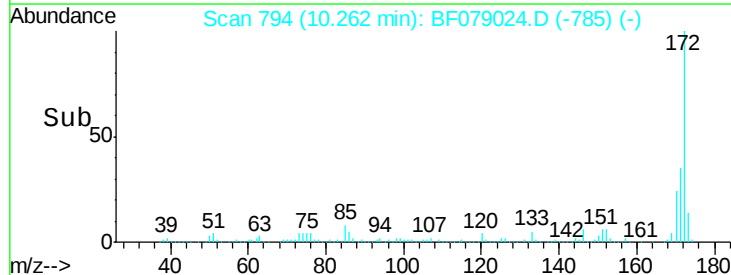
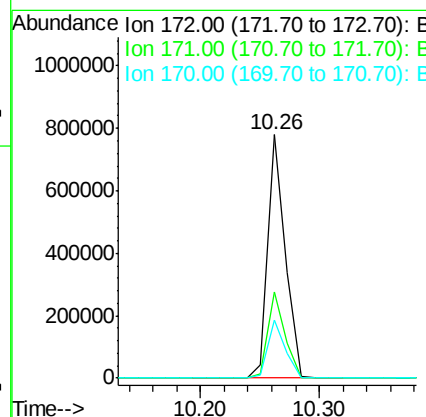
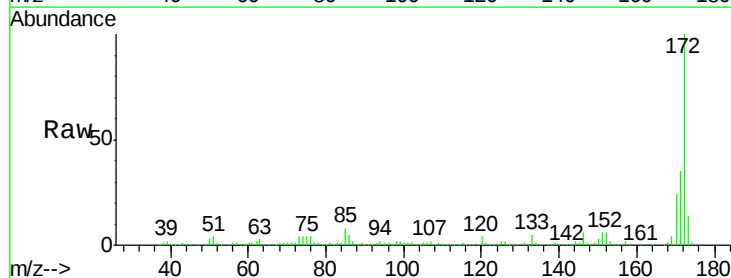
Instrument :
 BNA_F
 ClientSampleId :
 W-24

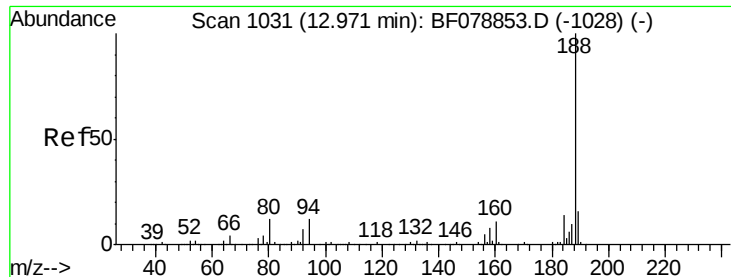
Tot Ion:330 Resp: 197336
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 34.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 74.83 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF079024.D
 Acq: 8 May 2015 6:35

Tgt Ion:172 Resp: 800197
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.9 41.9
 170 24.1 19.4 29.0

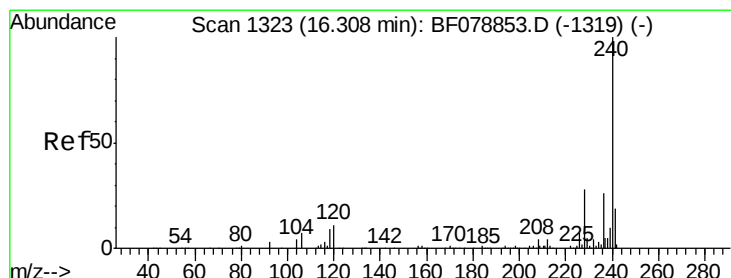
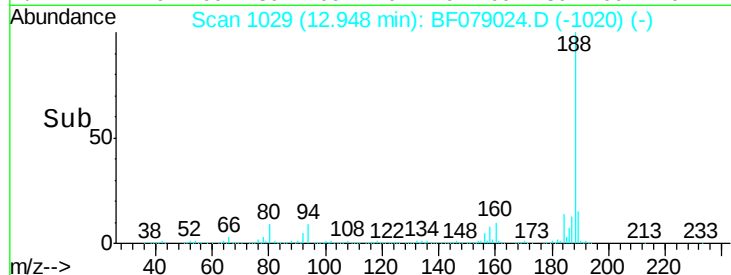
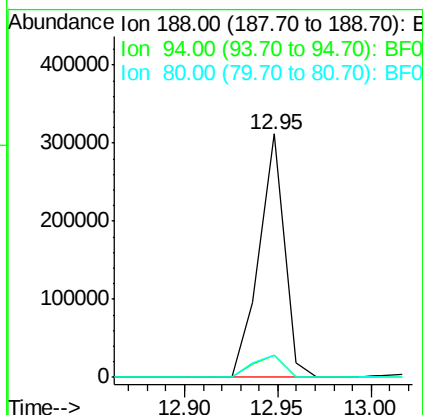
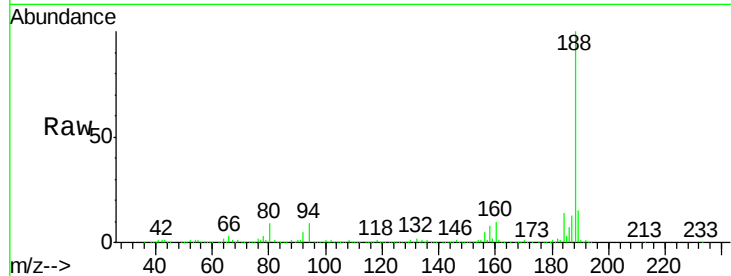




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF079024.D
Acq: 8 May 2015 6:35

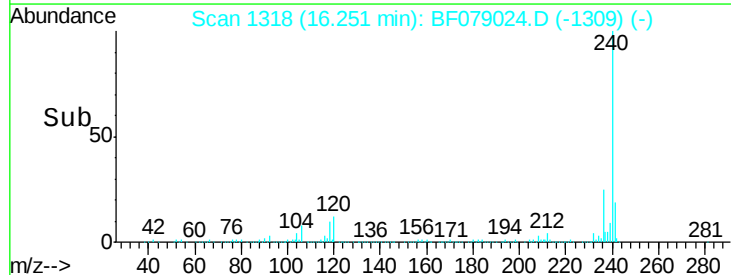
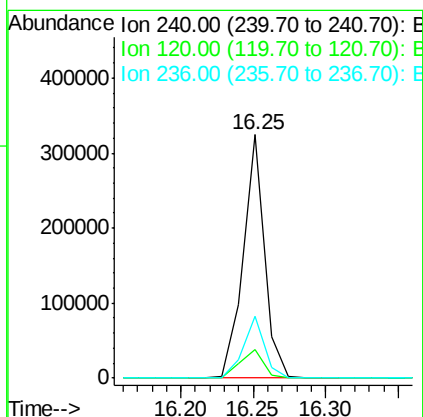
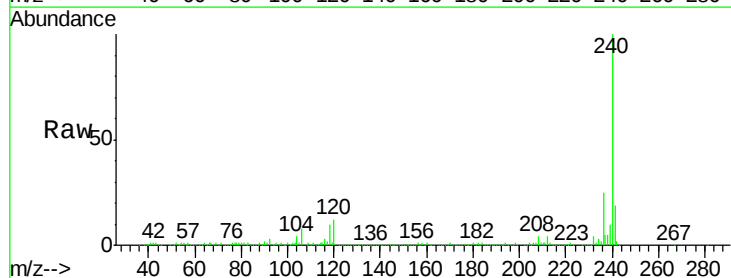
Instrument :
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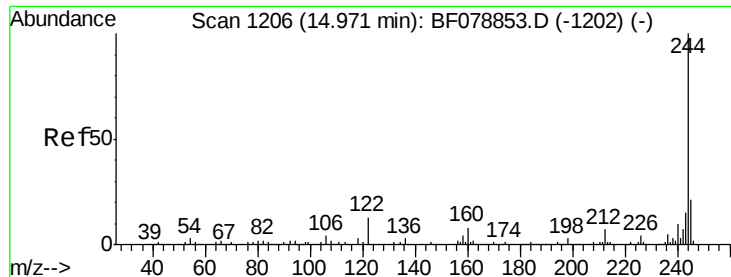
Tot Ion:188 Resp: 292821
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.3 8.9 13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF079024.D
Acq: 8 May 2015 6:35

Tgt Ion:240 Resp: 332962
Ion Ratio Lower Upper
240 100
120 11.7 9.7 14.5
236 25.2 20.2 30.4

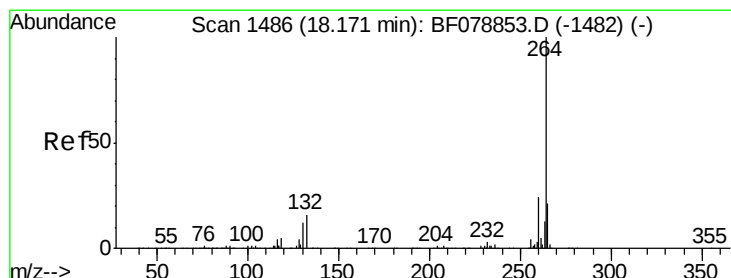
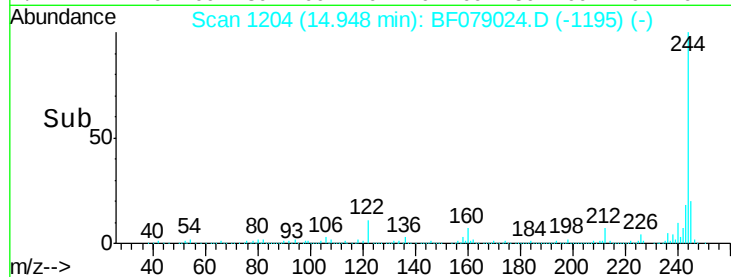
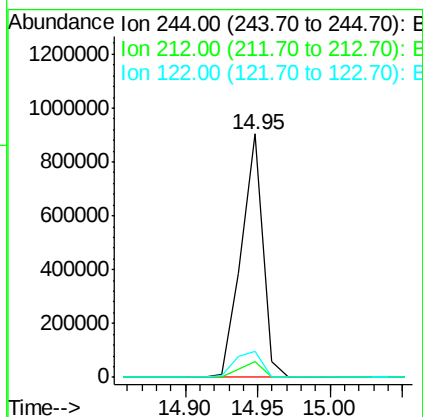
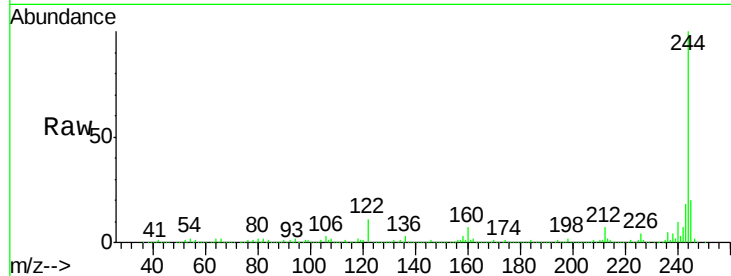




#78
 Terphenyl-d14
 Concen: 67.29 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF079024.D
 Acq: 8 May 2015 6:35

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 935889
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.02 min Scan# 1473
 Delta R.T. 0.03 min
 Lab File: BF079024.D
 Acq: 8 May 2015 6:35

Tgt Ion:264 Resp: 333524
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.5 18.3 27.5

