

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
 Data File : BF078126.D
 Acq On : 31 Mar 2015 21:01
 Operator : TP/IZ
 Sample : G1696-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S32-0462

Quant Time: Apr 01 02:06:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	42466	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	170584	20.00	ng	0.00
38) Acenaphthene-d10	10.79	164	86717	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	175052	20.00	ng	0.00
75) Chrysene-d12	15.89	240	176365	20.00	ng	0.00
86) Perylene-d12	17.62	264	161080	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	124166	51.04	ng	0.00
7) Phenol-d6	6.64	99	89436	29.75	ng	0.00
23) Nitrobenzene-d5	7.74	82	256095	98.41	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	102699	123.78	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	566487	96.00	ng	0.00
78) Terphenyl-d14	14.61	244	588216	81.47	ng	0.00

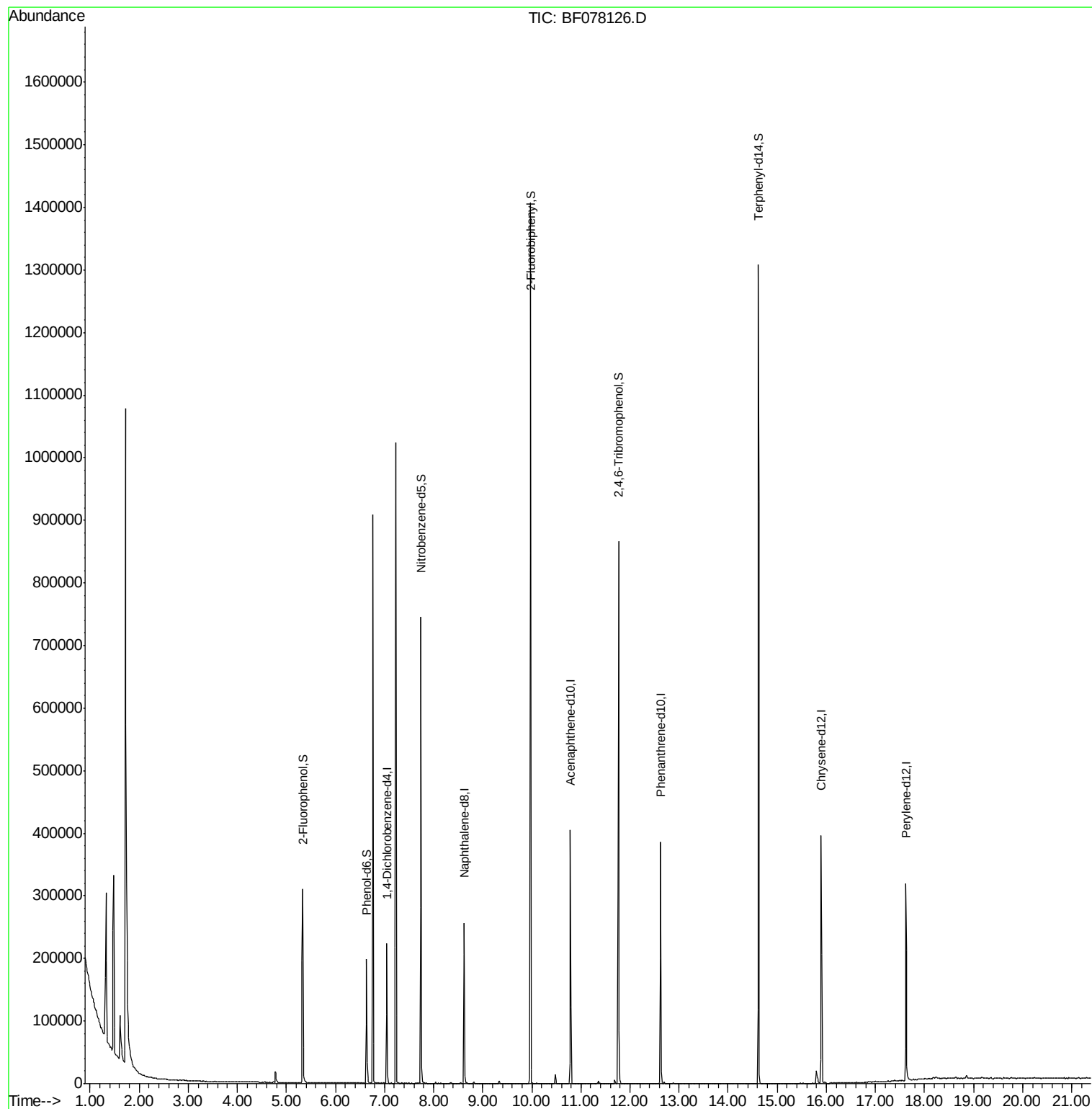
Target Compounds Qvalue

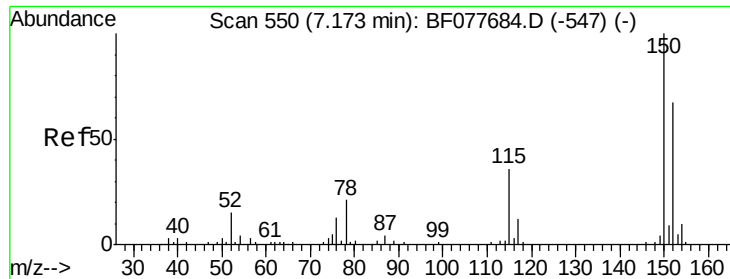
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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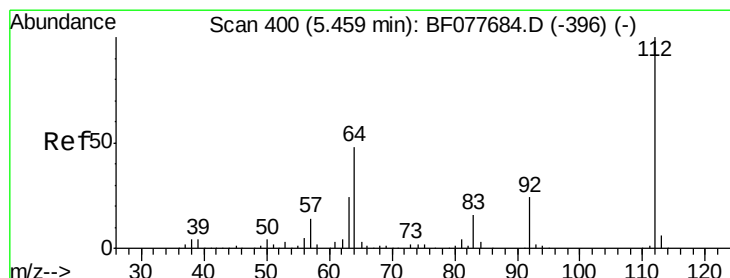
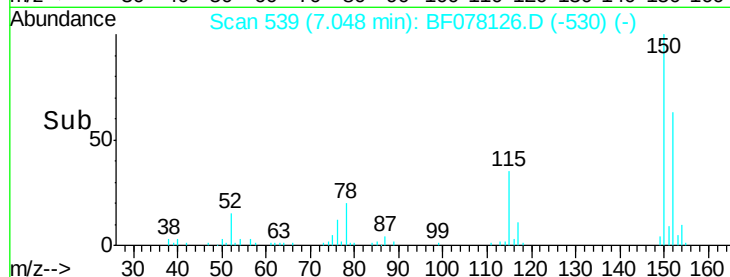
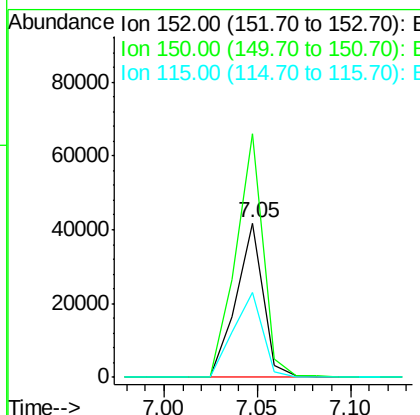
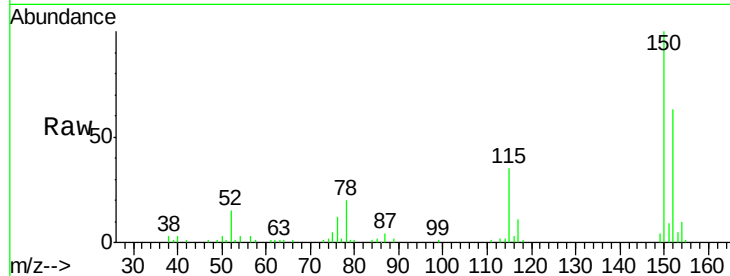


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF078126.D
 Acq: 31 Mar 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 S32-0462

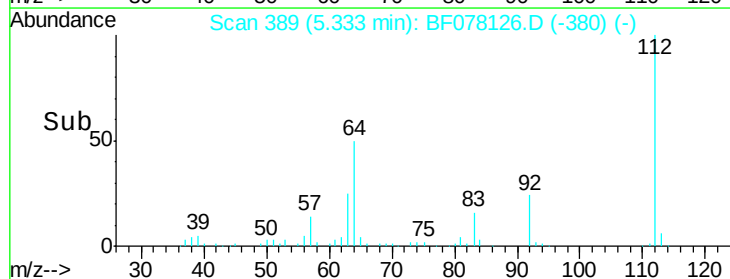
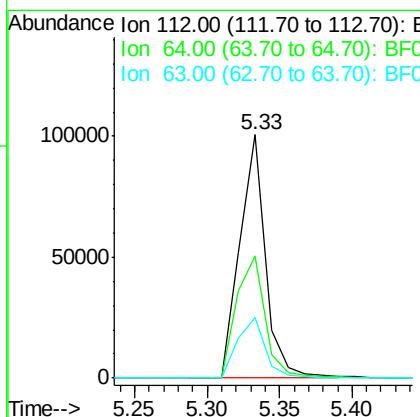
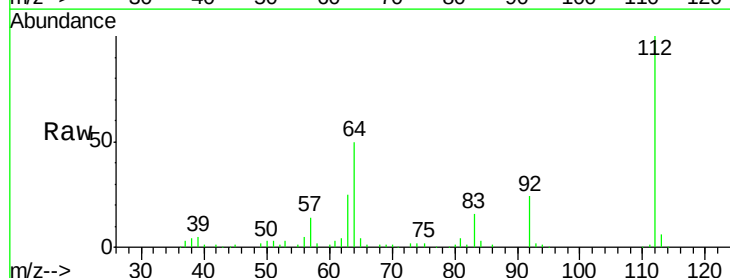
Tot Ion:152 Resp: 42466
 Ion Ratio Lower Upper
 152 100
 150 157.6 119.5 179.3
 115 54.9 43.0 64.4

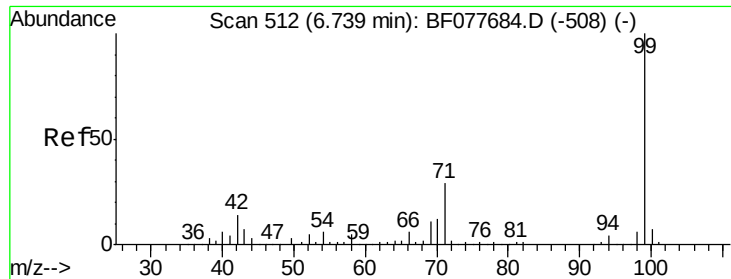


#5

2-Fluorophenol
 Concen: 51.04 ng
 RT: 5.33 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: BF078126.D
 Acq: 31 Mar 2015 21:01

Tgt Ion:112 Resp: 124166
 Ion Ratio Lower Upper
 112 100
 64 50.1 38.6 57.8
 63 24.9 19.3 28.9





#7

Phenol-d6

Concen: 29.75 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078126.D

Acq: 31 Mar 2015 21:01

Instrument :

BNA_F

ClientSampled :

S32-0462

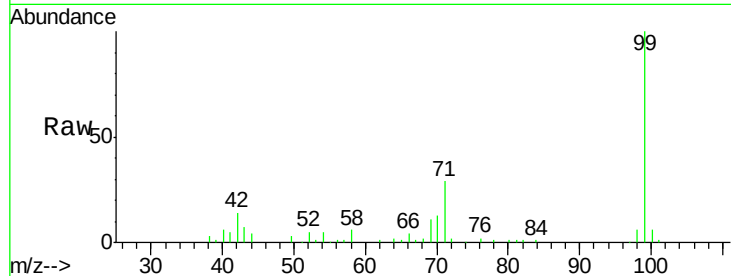
Tot Ion: 99 Resp: 89436

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

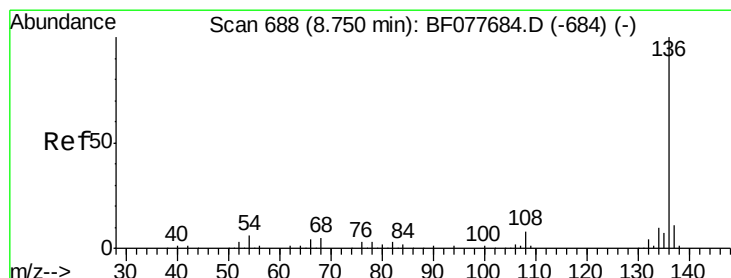
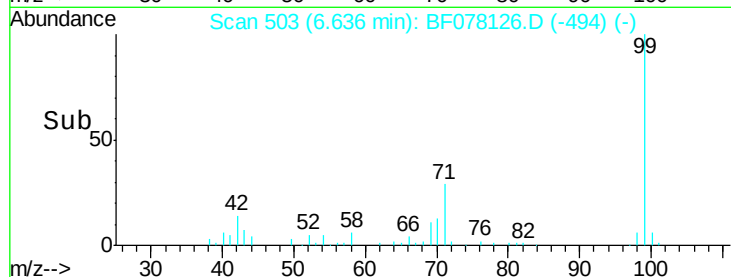
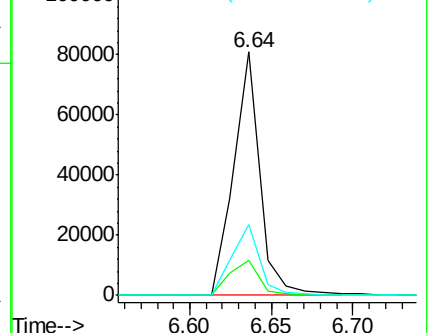
71 29.1 23.4 35.2



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: 8.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF078126.D

Acq: 31 Mar 2015 21:01

Tgt Ion:136 Resp: 170584

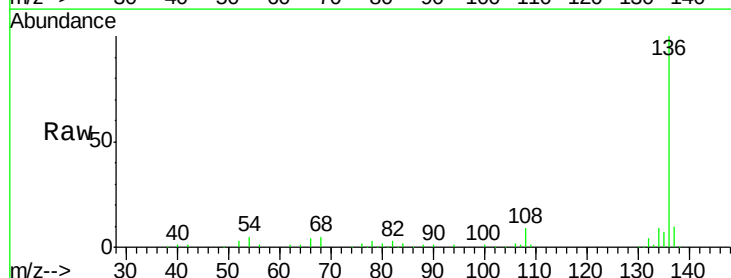
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 5.4 4.6 6.8

68 4.6 3.7 5.5

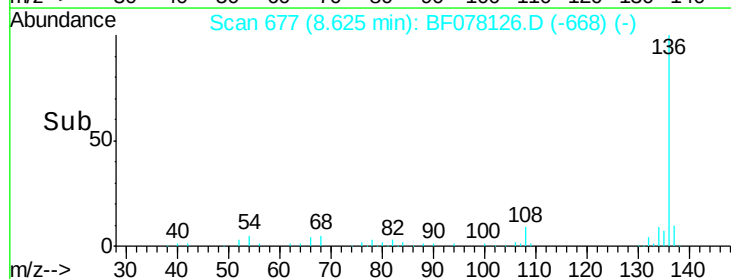
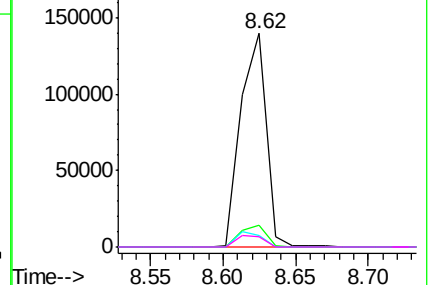


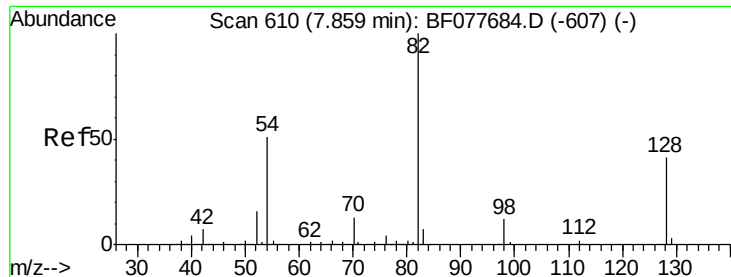
Abundance Ion 136.00 (135.70 to 136.70): E

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

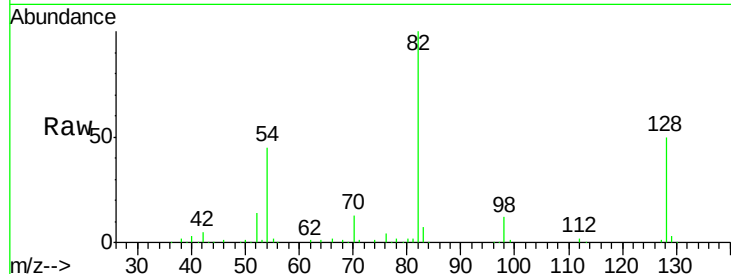




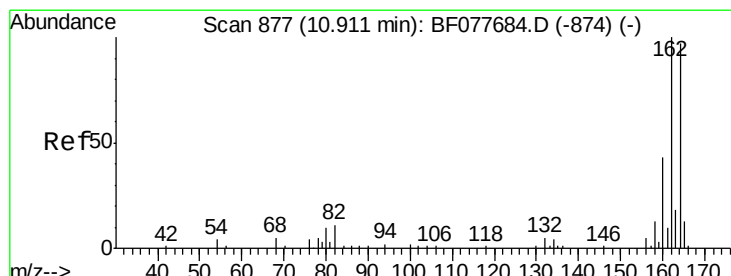
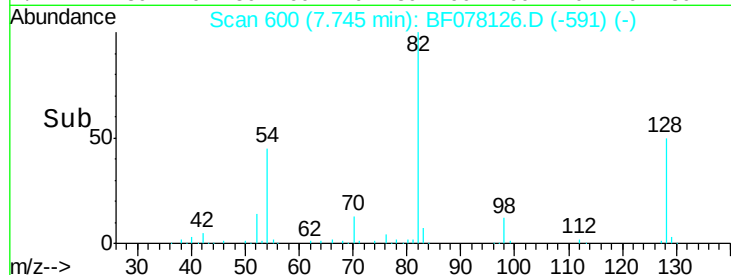
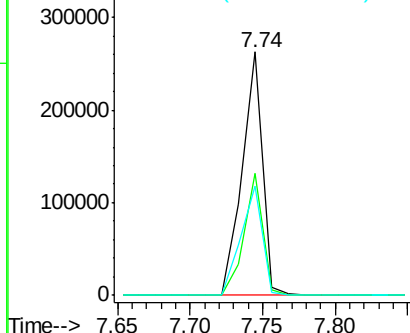
#23
 Nitrobenzene-d5
 Concen: 98.41 ng
 RT: 7.74 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078126.D
 Acq: 31 Mar 2015 21:01

Instrument :
 BNA_F
 ClientSampleId :
 S32-0462

Tot Ion: 82 Resp: 256095
 Ion Ratio Lower Upper
 82 100
 128 50.3 32.8 49.2#
 54 45.1 40.6 60.8

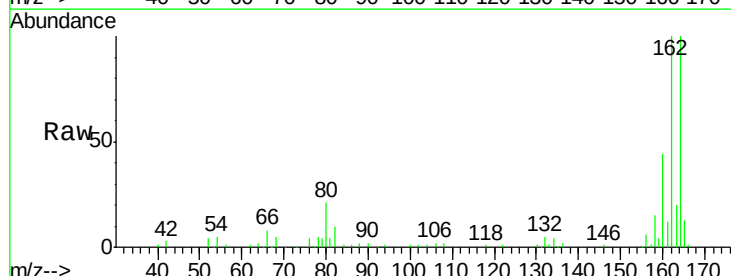


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

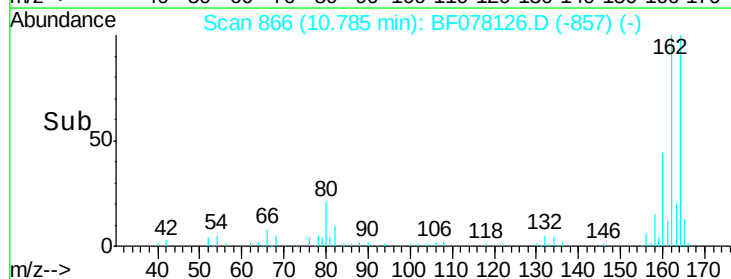
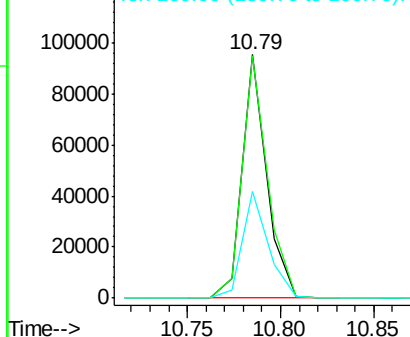


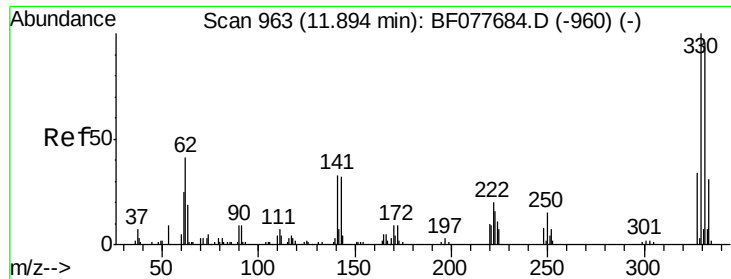
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.79 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF078126.D
 Acq: 31 Mar 2015 21:01

Tgt Ion:164 Resp: 86717
 Ion Ratio Lower Upper
 164 100
 162 99.8 82.4 123.6
 160 43.7 35.8 53.6



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: 123.78 ng

RT: 11.77 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF078126.D

Acq: 31 Mar 2015 21:01

Instrument :

BNA_F

ClientSampleId :

S32-0462

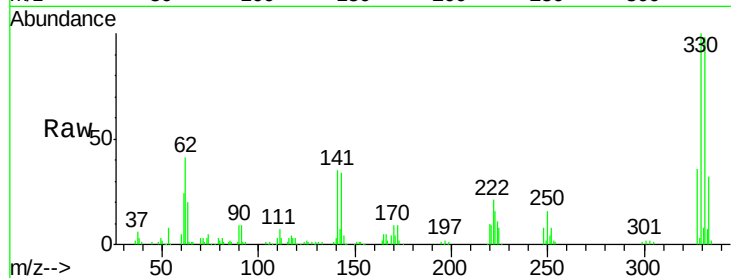
Tot Ion:330 Resp: 102699

Ion Ratio Lower Upper

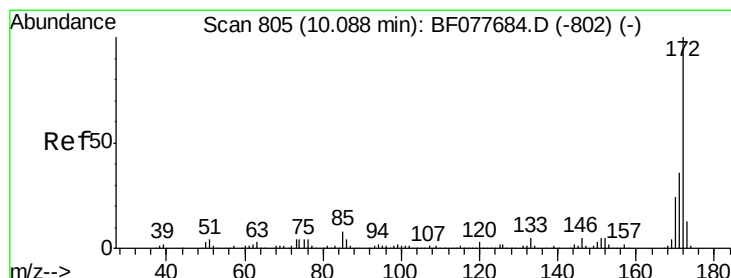
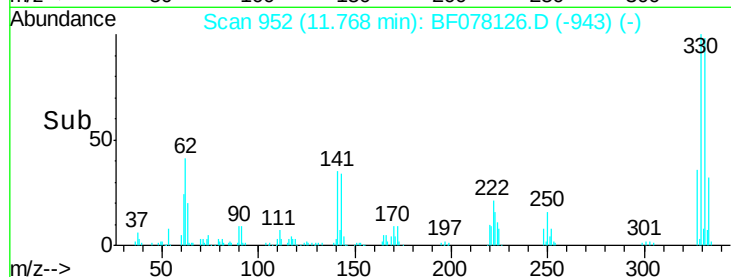
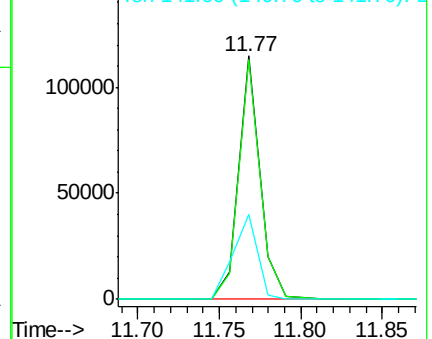
330 100

332 98.7 0.0 0.0#

141 40.3 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: 96.00 ng

RT: 9.97 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF078126.D

Acq: 31 Mar 2015 21:01

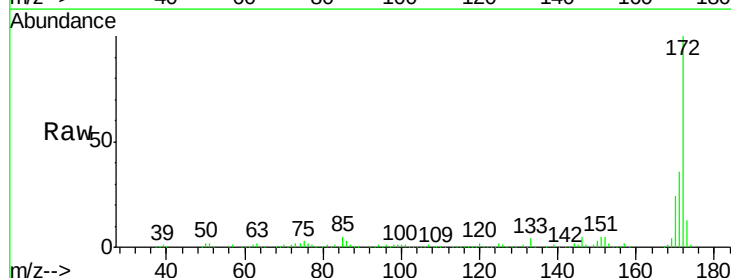
Tgt Ion:172 Resp: 566487

Ion Ratio Lower Upper

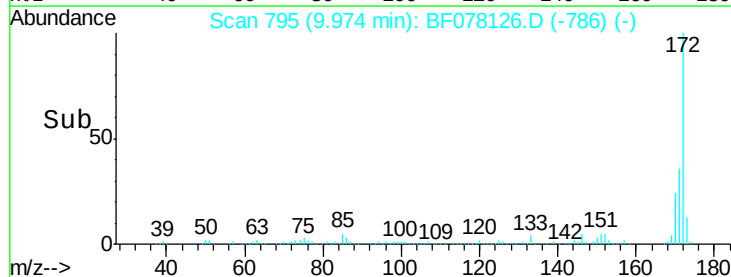
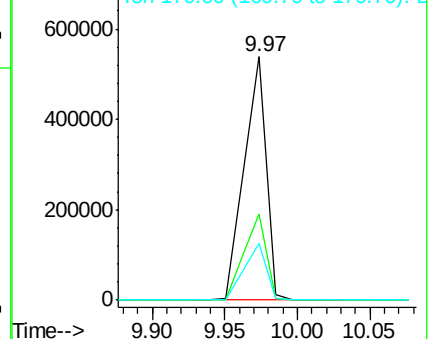
172 100

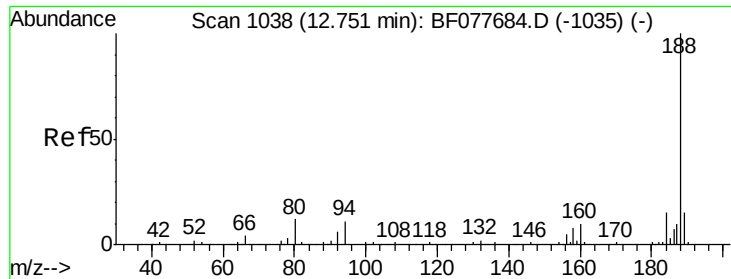
171 35.5 28.5 42.7

170 23.5 18.8 28.2



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

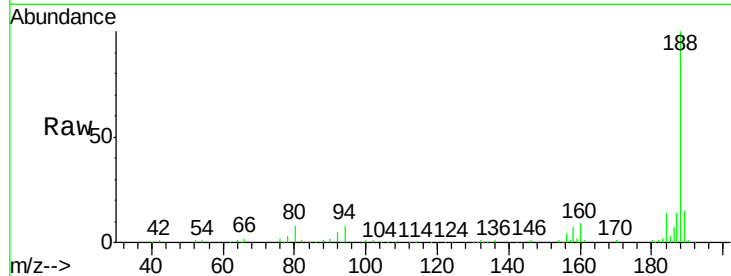




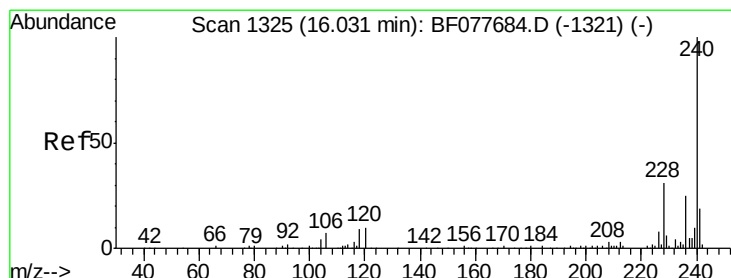
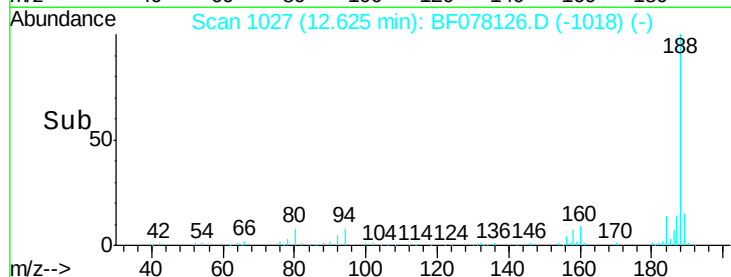
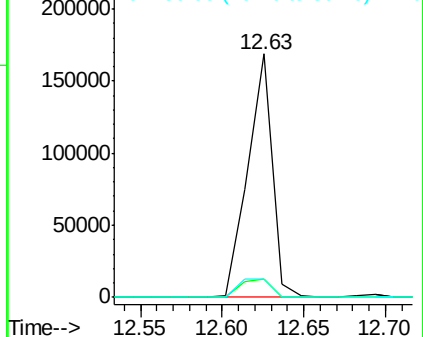
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF078126.D
Acq: 31 Mar 2015 21:01

Instrument :
BNA_F
ClientSampleId :
S32-0462

Tot Ion:188 Resp: 175052
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 7.7 9.3 13.9#

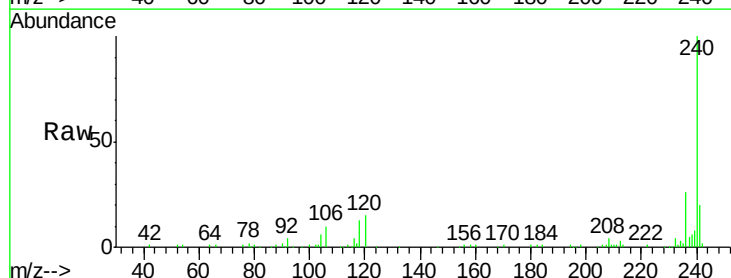


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

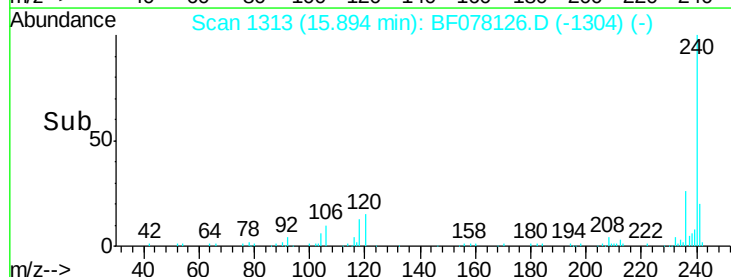
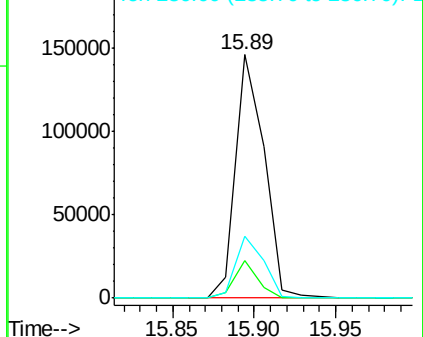


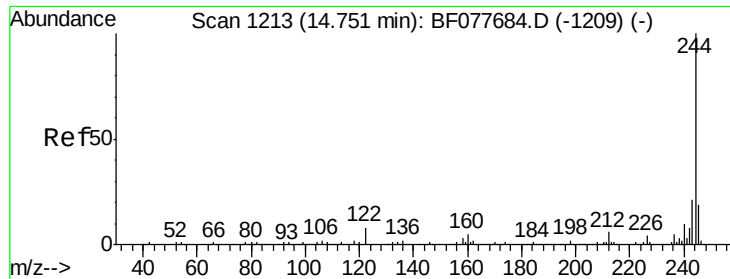
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.89 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF078126.D
Acq: 31 Mar 2015 21:01

Tgt Ion:240 Resp: 176365
Ion Ratio Lower Upper
240 100
120 15.3 8.2 12.2#
236 25.6 20.0 30.0



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: 81.47 ng

RT: 14.61 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF078126.D

Acq: 31 Mar 2015 21:01

Instrument :

BNA_F

ClientSampled :

S32-0462

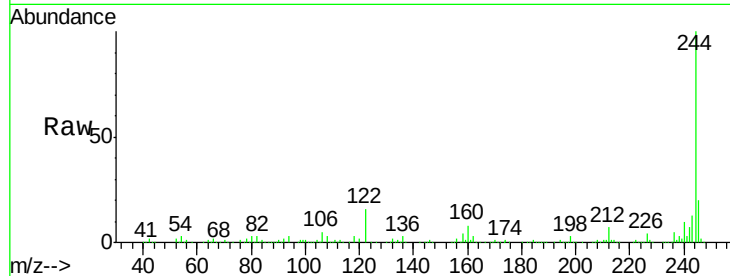
Tot Ion:244 Resp: 588216

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

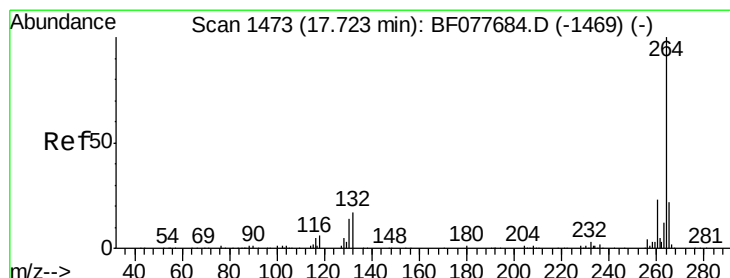
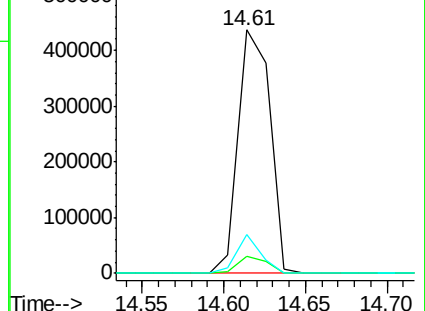
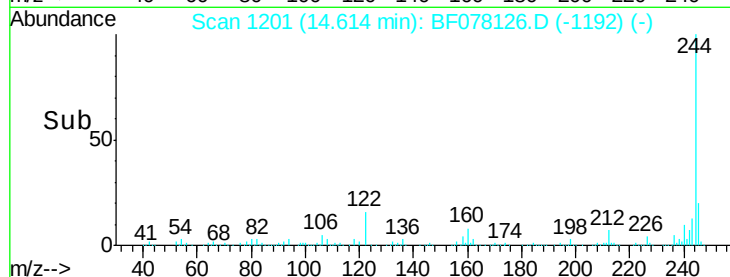
122 15.8 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.62 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF078126.D

Acq: 31 Mar 2015 21:01

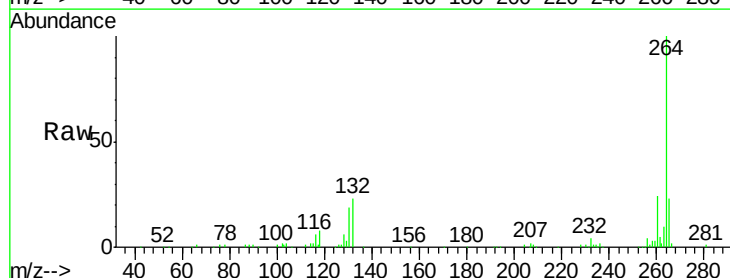
Tgt Ion:264 Resp: 161080

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 22.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

