

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
 Data File : BF078127.D
 Acq On : 31 Mar 2015 21:29
 Operator : TP/IZ
 Sample : G1696-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S32-0461

Quant Time: Apr 01 01:25:09 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	38001	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	154561	20.00	ng	0.00
38) Acenaphthene-d10	10.79	164	78695	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	158204	20.00	ng	0.00
75) Chrysene-d12	15.89	240	157327	20.00	ng	0.00
86) Perylene-d12	17.56	264	148842	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	118652	54.50	ng	0.00
7) Phenol-d6	6.64	99	82369	30.62	ng	0.00
23) Nitrobenzene-d5	7.74	82	239235	101.46	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	94830	125.95	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	511085	95.44	ng	0.00
78) Terphenyl-d14	14.61	244	487218	75.65	ng	0.00

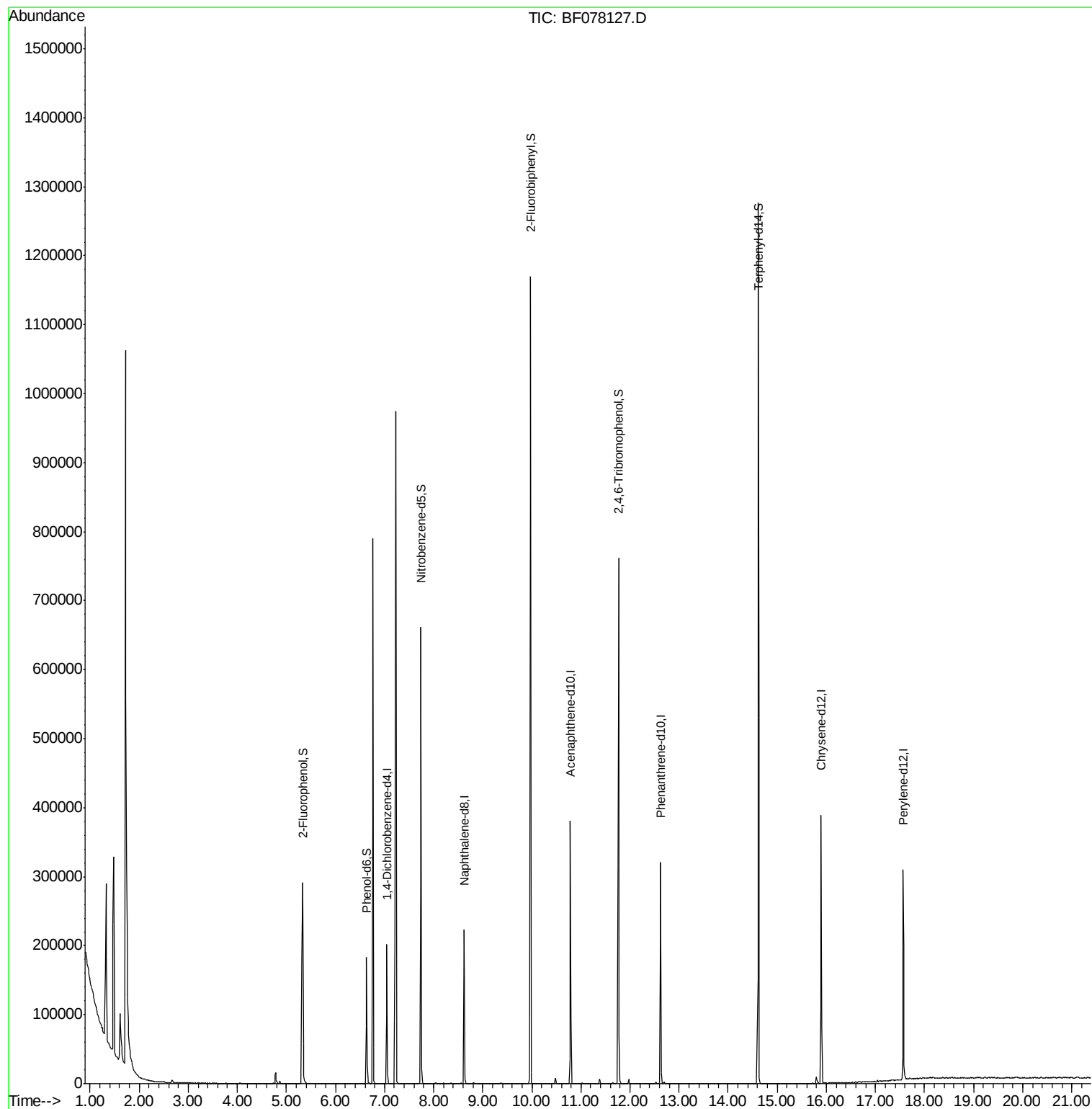
Target Compounds Qvalue

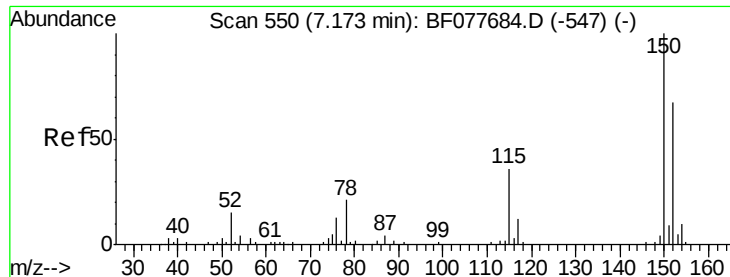
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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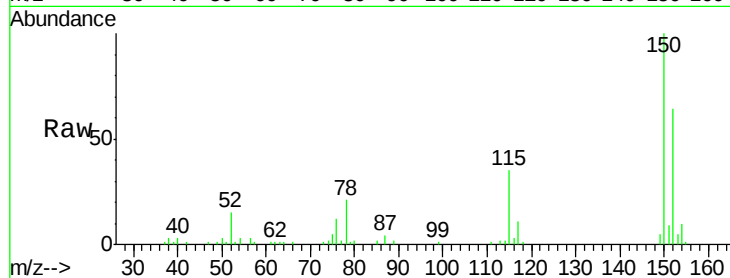


#1

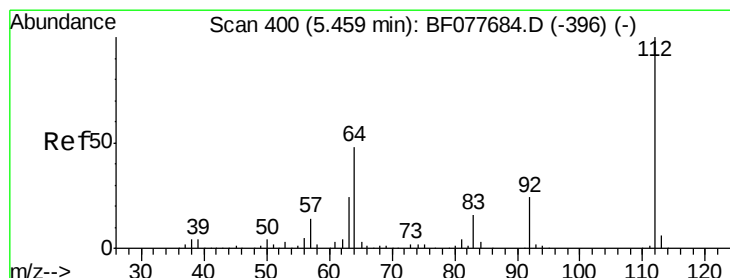
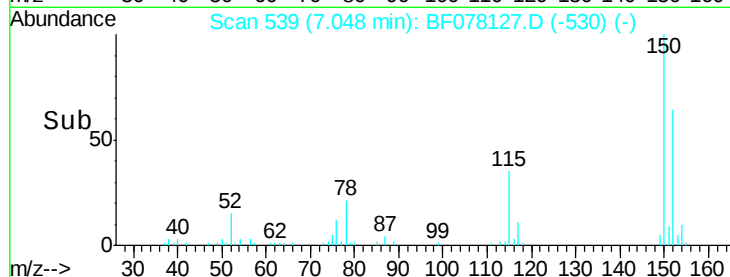
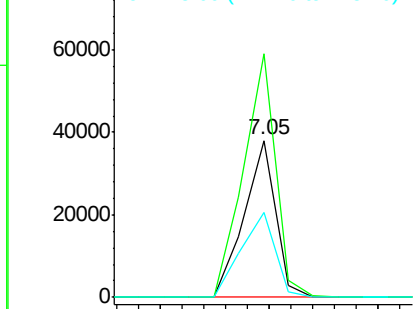
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF078127.D
Acq: 31 Mar 2015 21:29

Instrument :
BNA_F
ClientSampleId :
S32-0461

Tot Ion:152 Resp: 38001
Ion Ratio Lower Upper
152 100
150 155.1 119.5 179.3
115 54.2 43.0 64.4



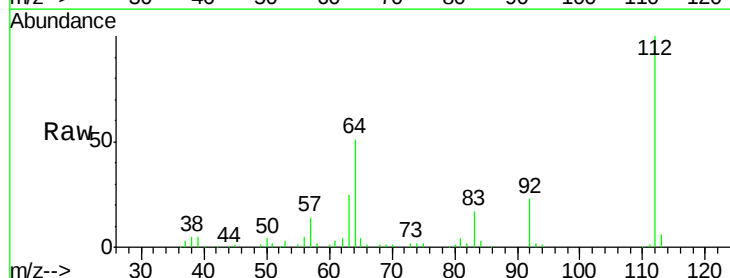
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



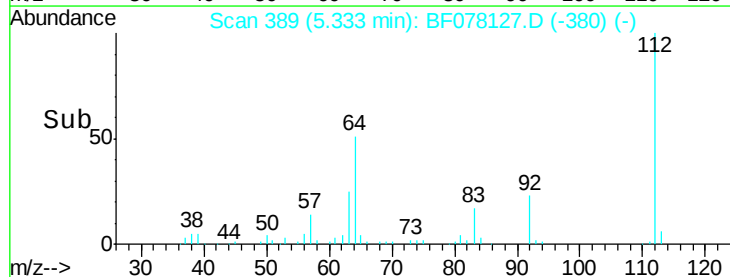
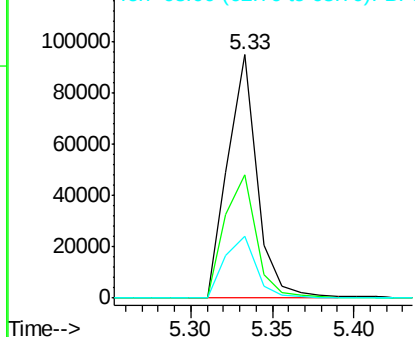
#5

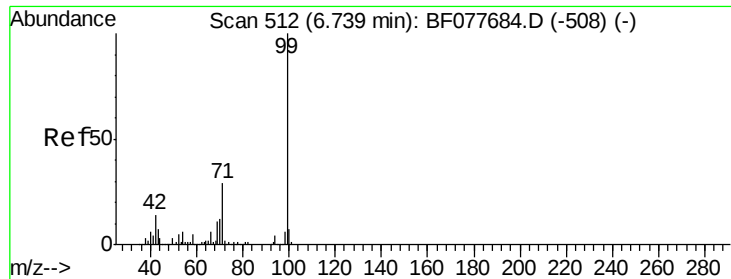
2-Fluorophenol
Concen: 54.50 ng
RT: 5.33 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF078127.D
Acq: 31 Mar 2015 21:29

Tgt Ion:112 Resp: 118652
Ion Ratio Lower Upper
112 100
64 50.8 38.6 57.8
63 25.2 19.3 28.9



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: 30.62 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078127.D

Acq: 31 Mar 2015 21:29

Instrument :

BNA_F

ClientSampleId :

S32-0461

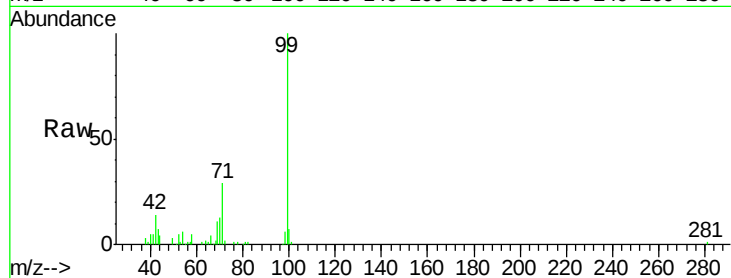
Tot Ion: 99 Resp: 82369

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

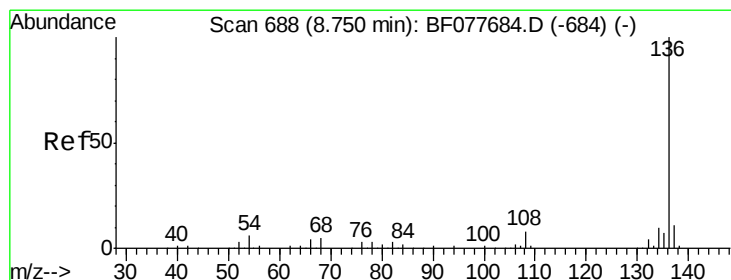
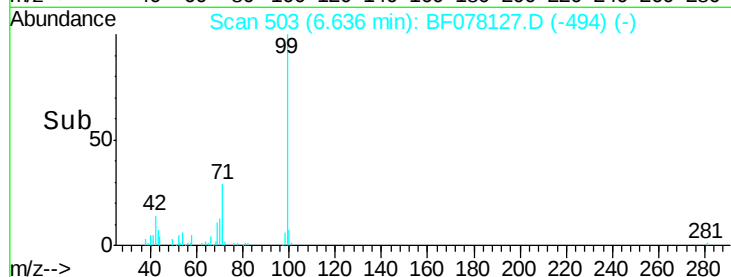
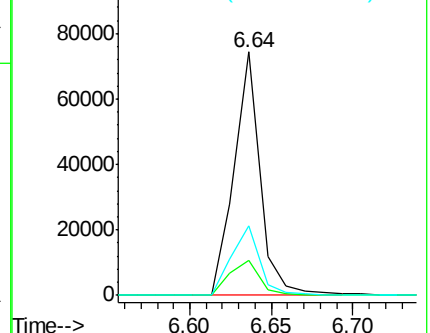
71 28.7 23.4 35.2



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: BF078127.D

Acq: 31 Mar 2015 21:29

Tgt Ion: 136 Resp: 154561

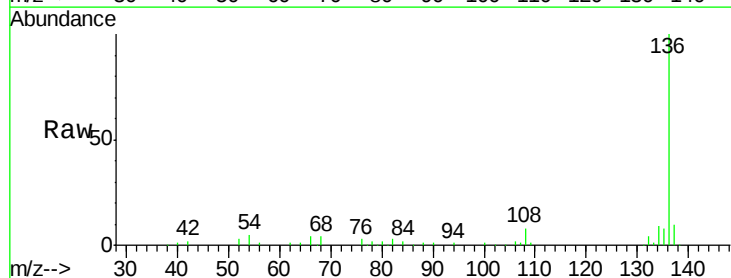
Ion Ratio Lower Upper

136 100

137 10.1 8.7 13.1

54 5.2 4.6 6.8

68 4.3 3.7 5.5

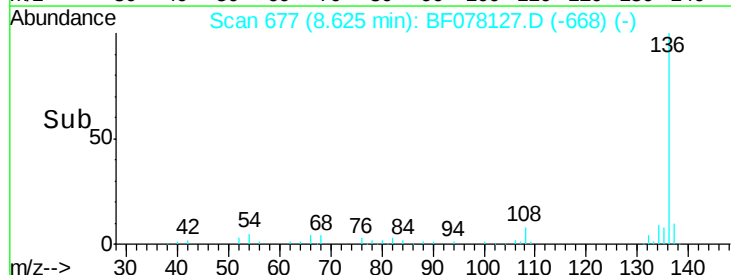
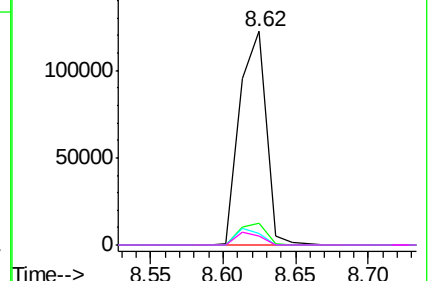


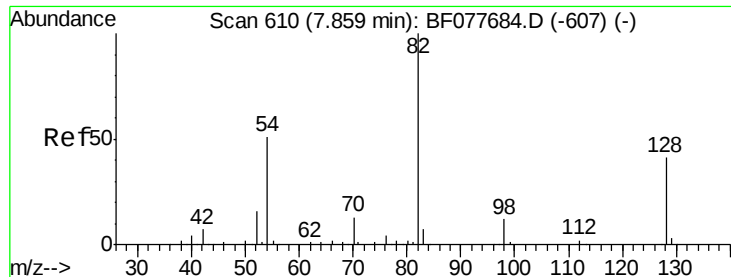
Abundance Ion 136.00 (135.70 to 136.70): E

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

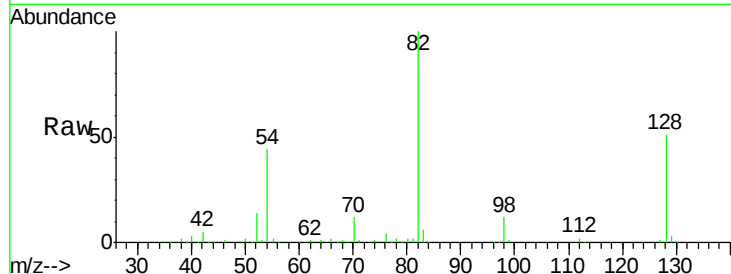




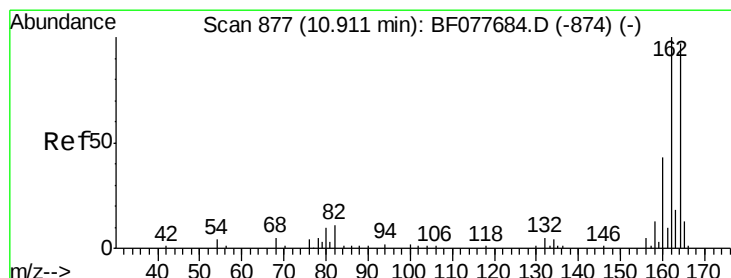
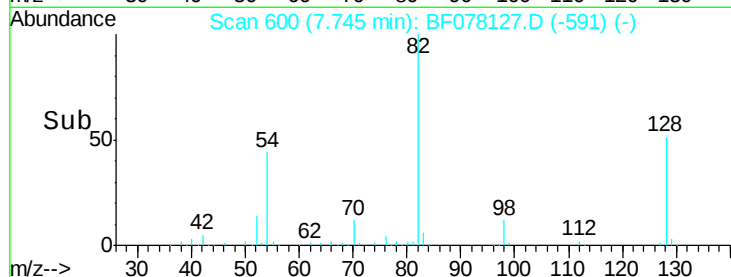
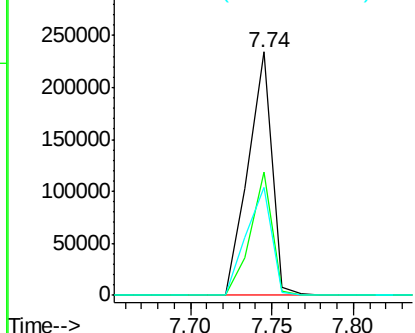
#23
 Nitrobenzene-d5
 Concen: 101.46 ng
 RT: 7.74 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078127.D
 Acq: 31 Mar 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 S32-0461

Tot Ion: 82 Resp: 239235
 Ion Ratio Lower Upper
 82 100
 128 50.7 32.8 49.2#
 54 44.3 40.6 60.8

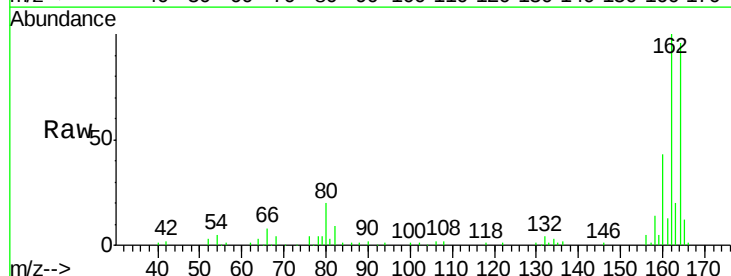


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

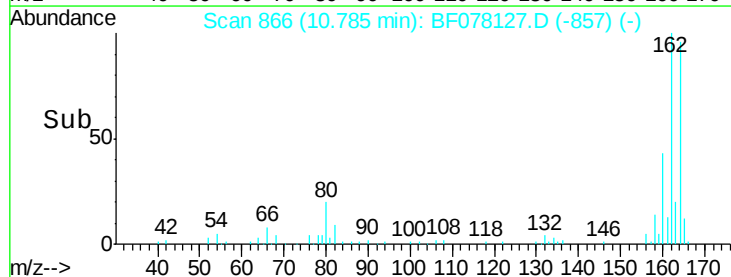
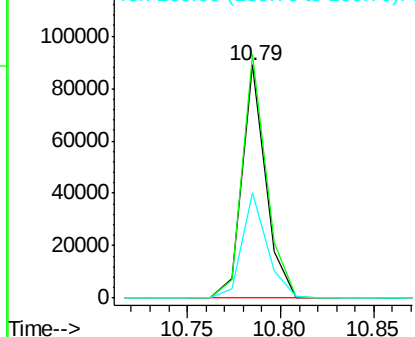


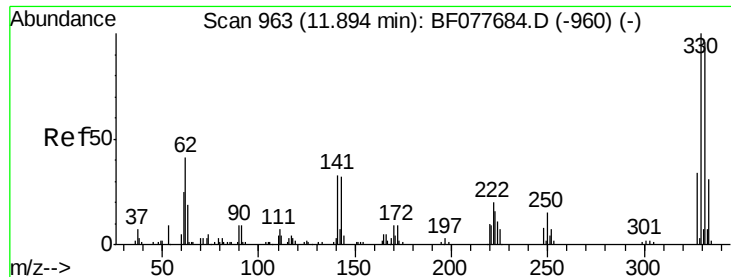
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.79 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF078127.D
 Acq: 31 Mar 2015 21:29

Tgt Ion:164 Resp: 78695
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.4 123.6
 160 45.0 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

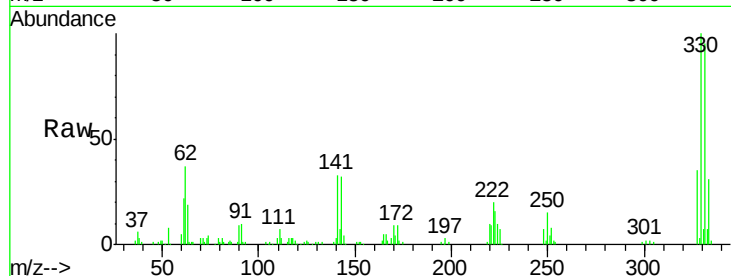




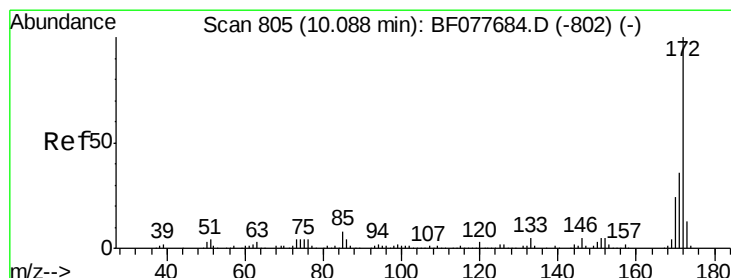
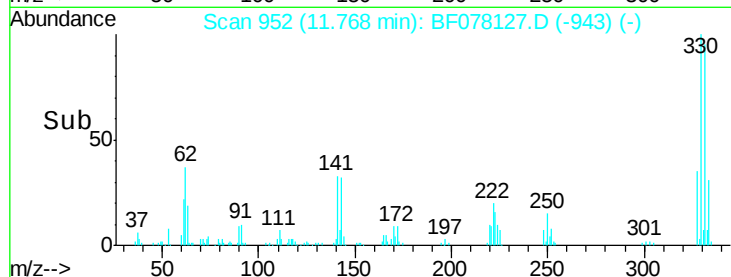
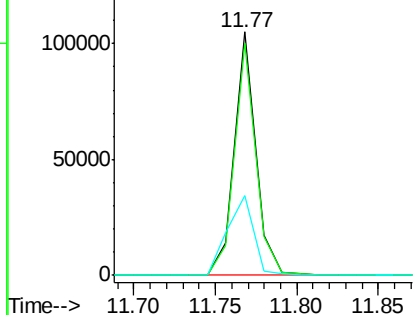
#41
 2,4,6-Tribromophenol
 Concen: 125.95 ng
 RT: 11.77 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF078127.D
 Acq: 31 Mar 2015 21:29

Instrument :
 BNA_F
 ClientSampled :
 S32-0461

Tot Ion:330 Resp: 94830
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 39.7 0.0 0.0#

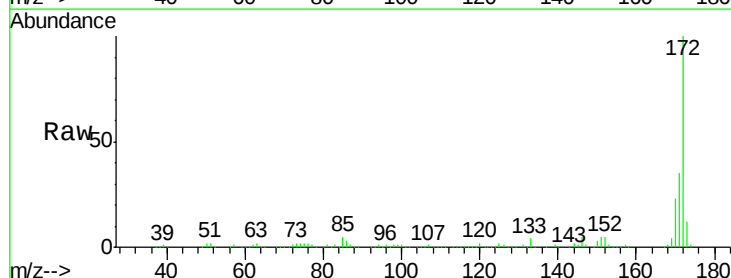


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

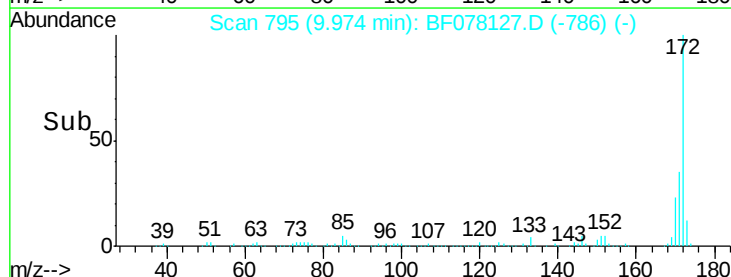
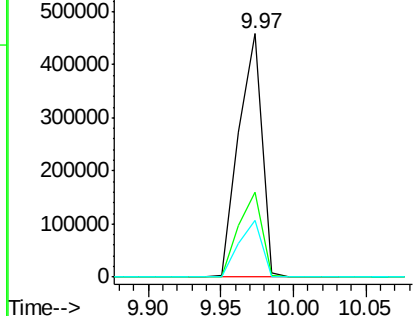


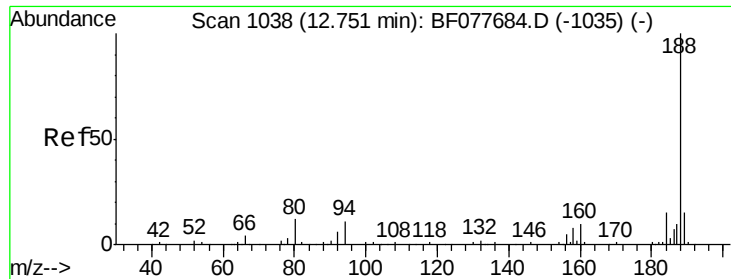
#44
 2-Fluorobiphenyl
 Concen: 95.44 ng
 RT: 9.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF078127.D
 Acq: 31 Mar 2015 21:29

Tgt Ion:172 Resp: 511085
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.3 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

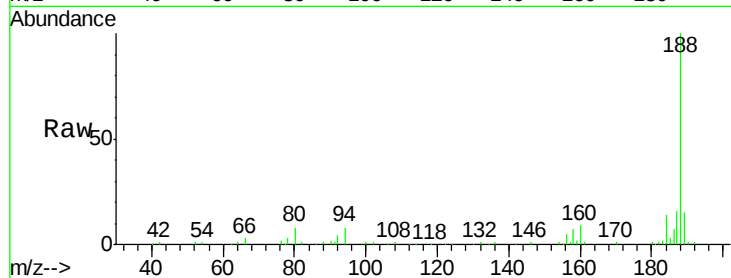




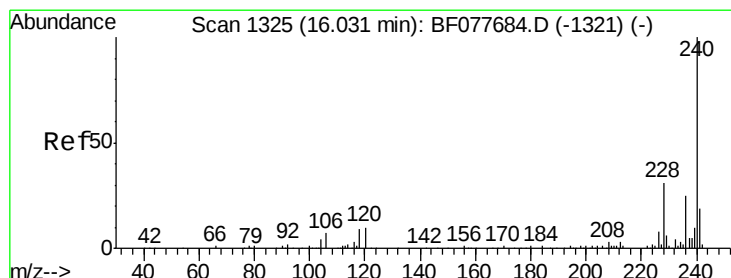
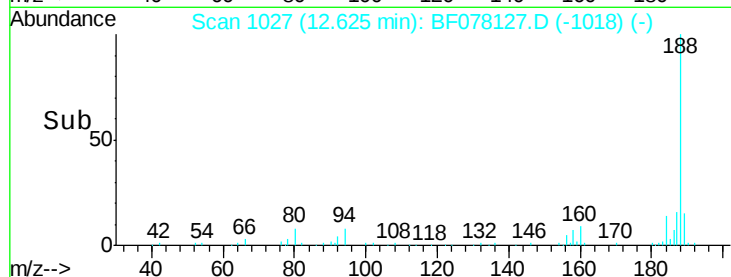
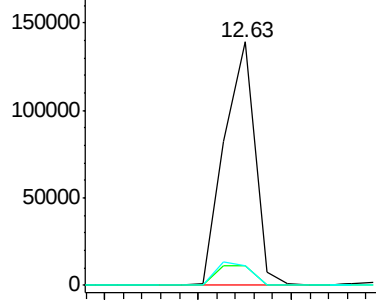
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF078127.D
Acq: 31 Mar 2015 21:29

Instrument :
BNA_F
ClientSampleId :
S32-0461

Tot Ion:188 Resp: 158204
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 8.1 9.3 13.9#

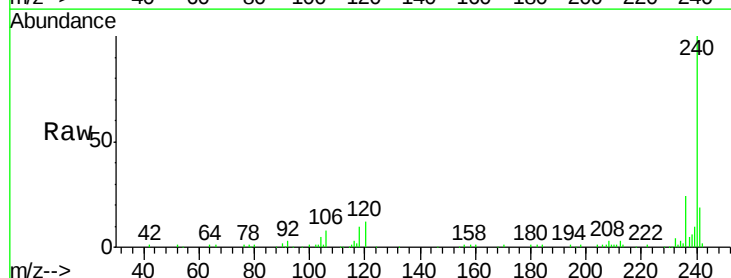


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

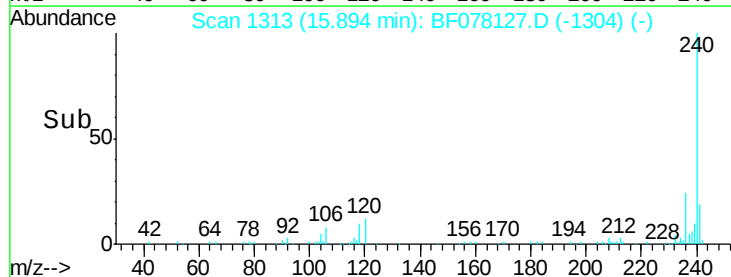
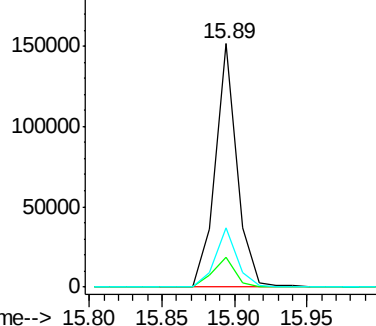


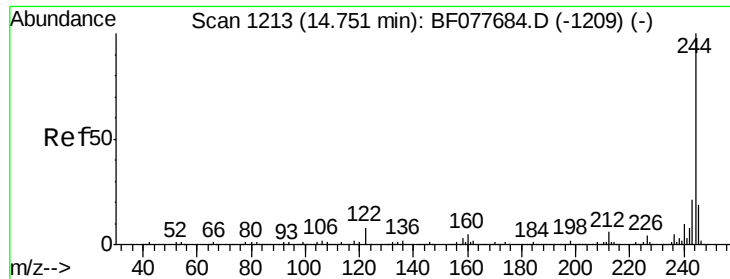
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.89 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF078127.D
Acq: 31 Mar 2015 21:29

Tgt Ion:240 Resp: 157327
Ion Ratio Lower Upper
240 100
120 12.3 8.2 12.2#
236 24.5 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: 75.65 ng

RT: 14.61 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF078127.D

Acq: 31 Mar 2015 21:29

Instrument :

BNA_F

ClientSampled :

S32-0461

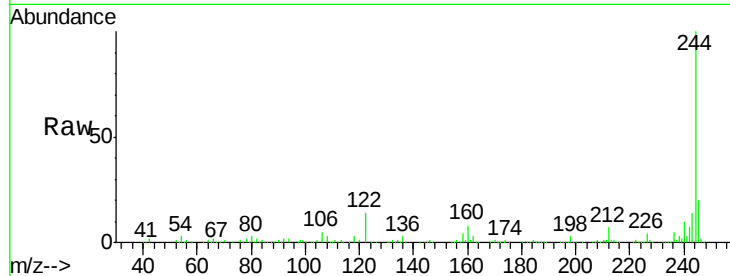
Tot Ion:244 Resp: 487218

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3#

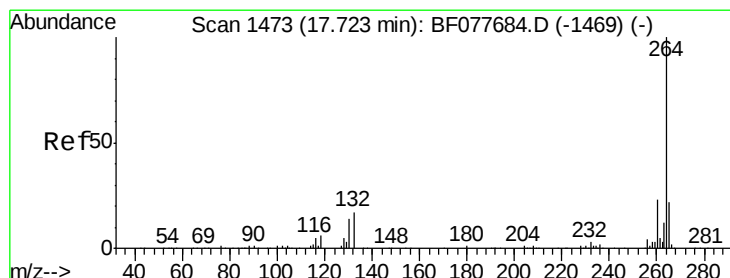
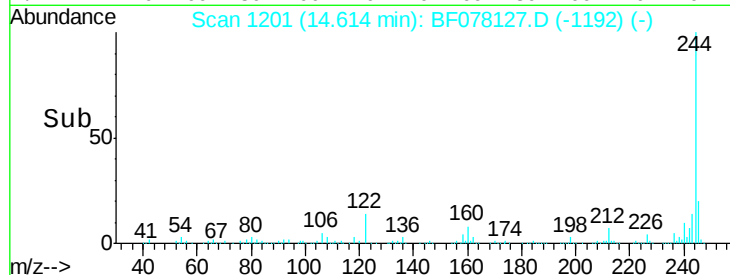
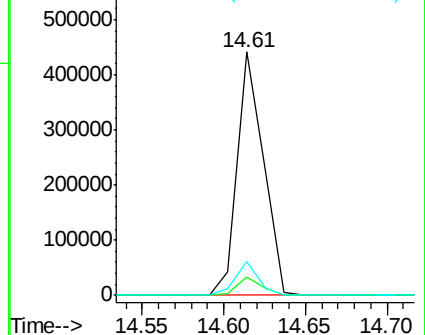
122 14.1 6.2 9.4#



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: 17.56 min Scan# 1459

Delta R.T. -0.05 min

Lab File: BF078127.D

Acq: 31 Mar 2015 21:29

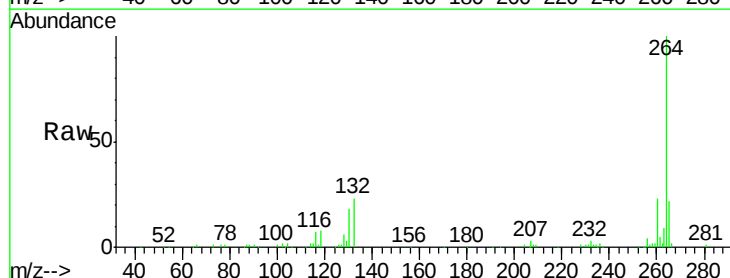
Tgt Ion:264 Resp: 148842

Ion Ratio Lower Upper

264 100

260 22.7 18.6 27.8

265 21.6 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

