

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078536.D
 Acq On : 15 Apr 2015 11:05
 Operator : TP/IZ
 Sample : G1823-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Quant Time: Apr 15 12:06:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:39:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	21961	20.00	ng	-0.01
21) Naphthalene-d8	8.38	136	90764	20.00	ng	-0.01
38) Acenaphthene-d10	10.54	164	47229	20.00	ng	-0.01
63) Phenanthrene-d10	12.37	188	95035	20.00	ng	0.00
75) Chrysene-d12	15.62	240	107957	20.00	ng	-0.01
86) Perylene-d12	17.38	264	108317	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	166079	124.69	ng	0.00
7) Phenol-d6	6.40	99	190390	114.06	ng	-0.01
23) Nitrobenzene-d5	7.51	82	136466	91.13	ng	-0.01
41) 2,4,6-Tribromophenol	11.52	330	55359	141.33	ng	0.00
44) 2-Fluorobiphenyl	9.74	172	296708	89.80	ng	0.00
78) Terphenyl-d14	14.35	244	382704	80.10	ng	-0.01

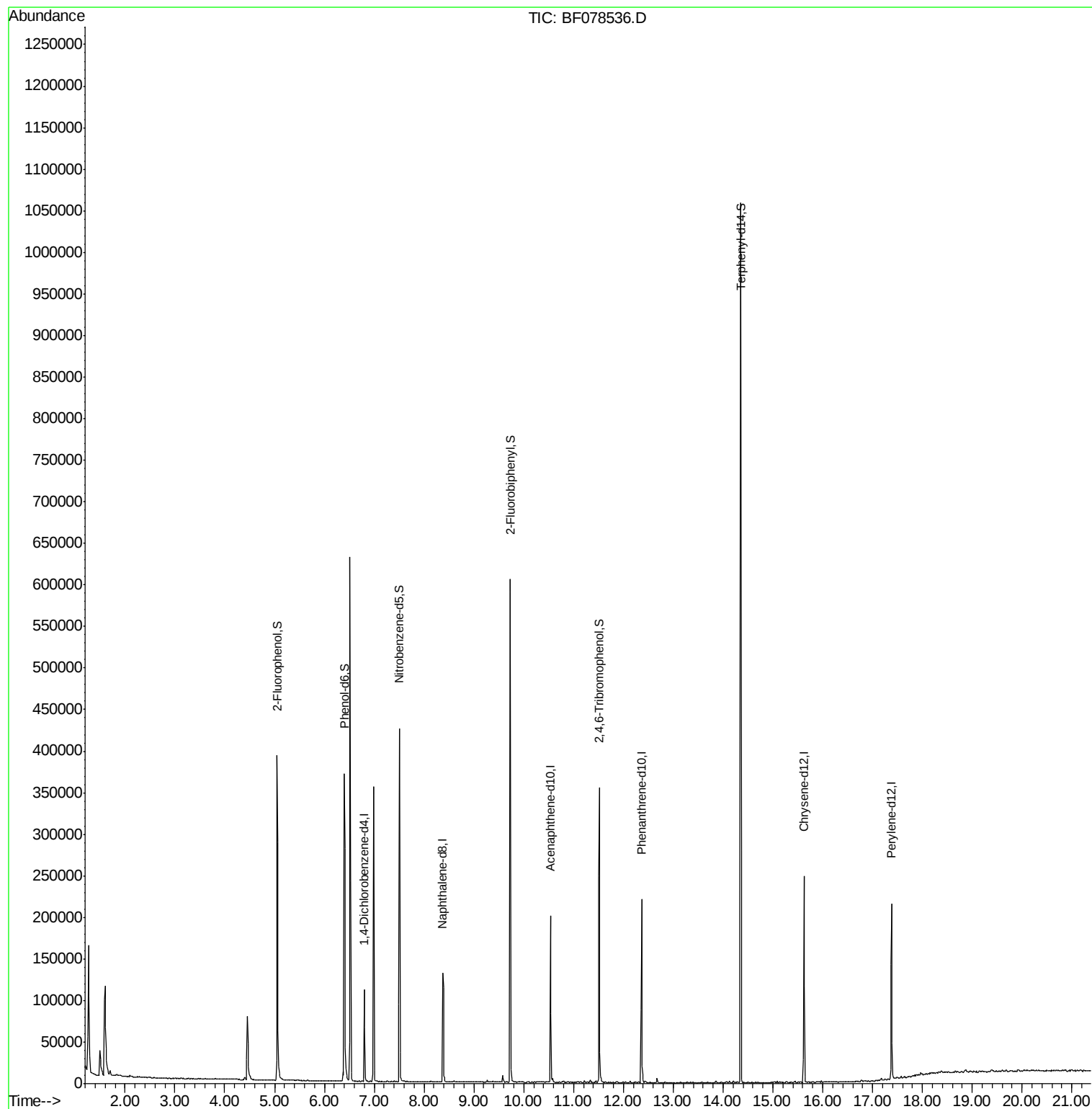
Target Compounds	Qvalue
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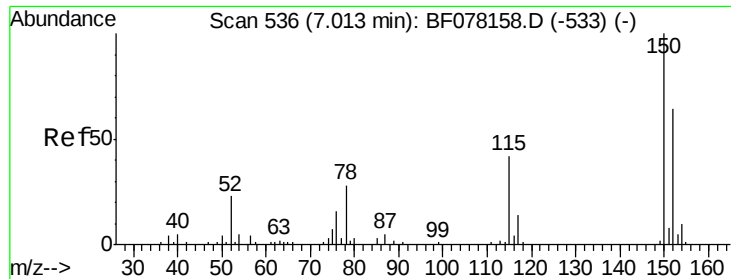
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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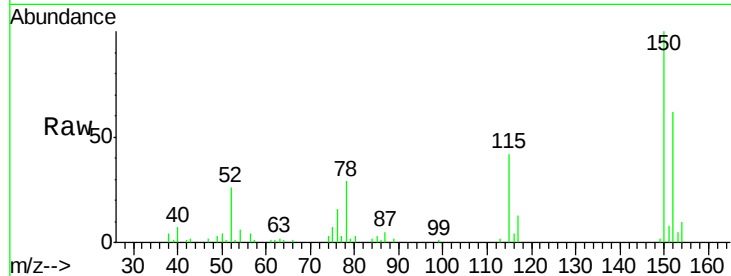




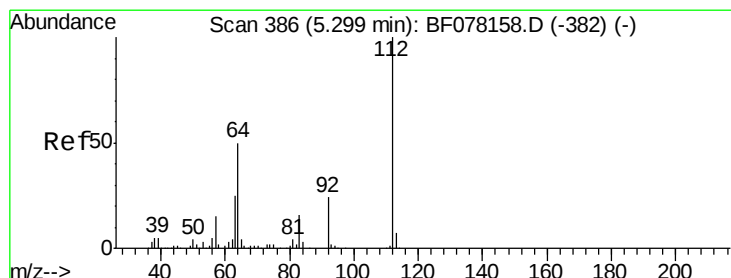
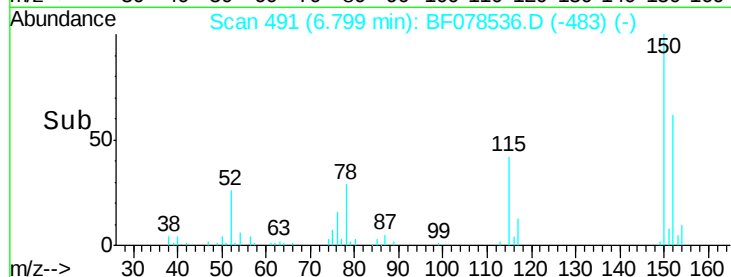
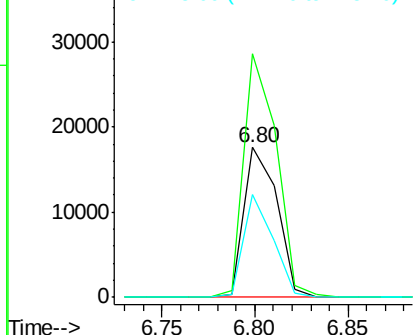
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF078536.D
 Acq: 15 Apr 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tgt Ion:152 Resp: 21961
 Ion Ratio Lower Upper
 152 100
 150 162.3 125.9 188.9
 115 68.1 52.7 79.1

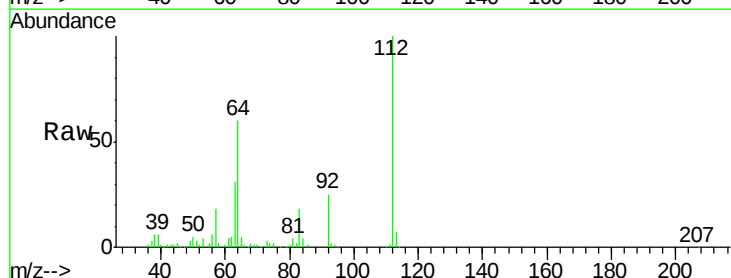


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

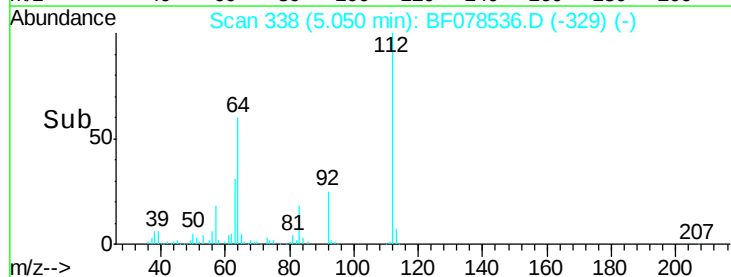
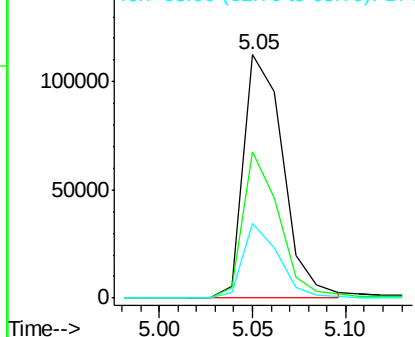


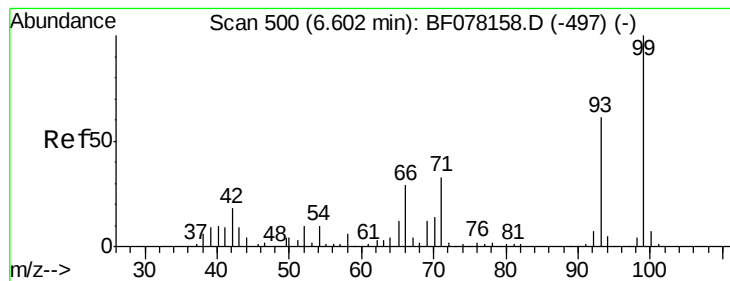
#5
 2-Fluorophenol
 Concen: 124.69 ng
 RT: 5.05 min Scan# 338
 Delta R.T. 0.00 min
 Lab File: BF078536.D
 Acq: 15 Apr 2015 11:05

Tgt Ion:112 Resp: 166079
 Ion Ratio Lower Upper
 112 100
 64 59.9 39.9 59.9#
 63 30.6 20.2 30.4#



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: 114.06 ng

RT: 6.40 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF078536.D

Acq: 15 Apr 2015 11:05

Instrument :

BNA_F

ClientSampleId :

SP-4

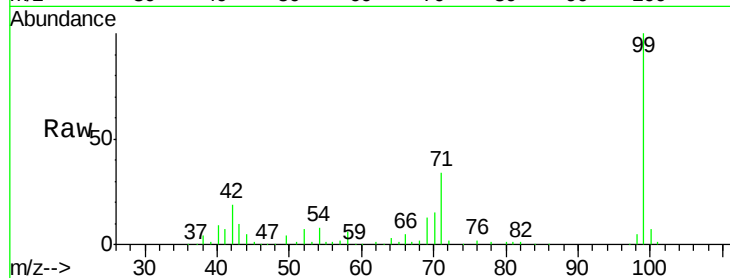
Tgt Ion: 99 Resp: 190390

Ion Ratio Lower Upper

99 100

42 19.0 14.8 22.2

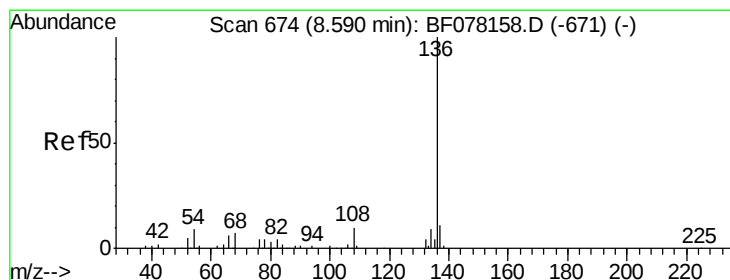
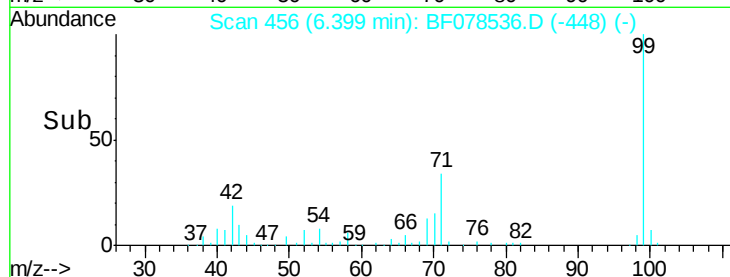
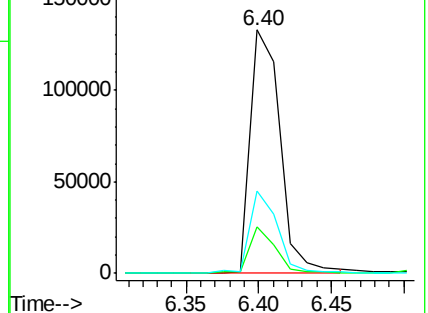
71 33.9 26.6 39.8



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: 8.38 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF078536.D

Acq: 15 Apr 2015 11:05

Tgt Ion: 136 Resp: 90764

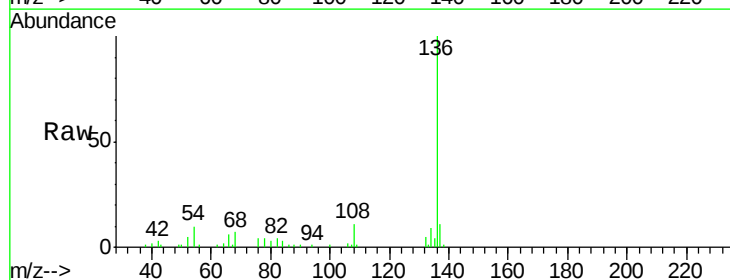
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 9.5 7.0 10.6

68 6.7 5.4 8.2

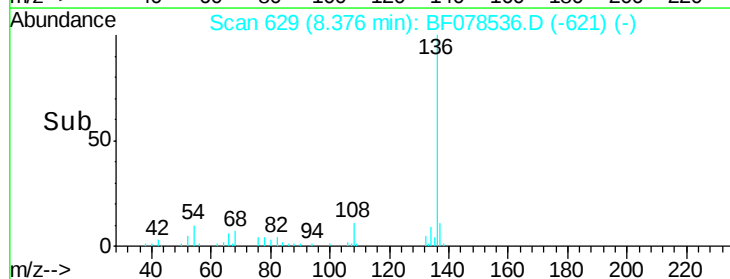
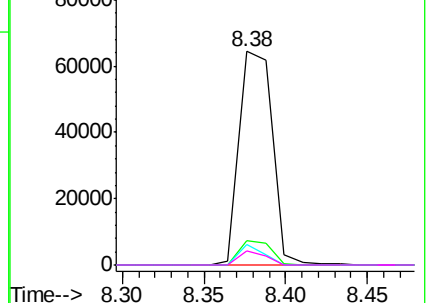


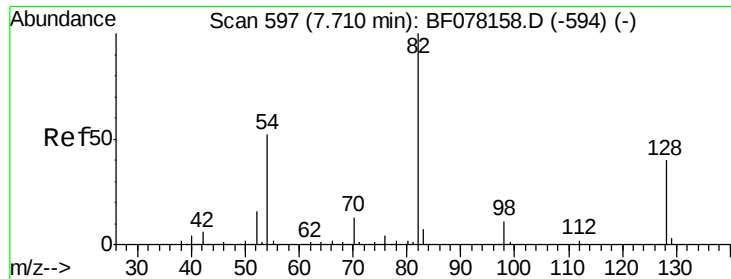
Abundance Ion 136.00 (135.70 to 136.70): E

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

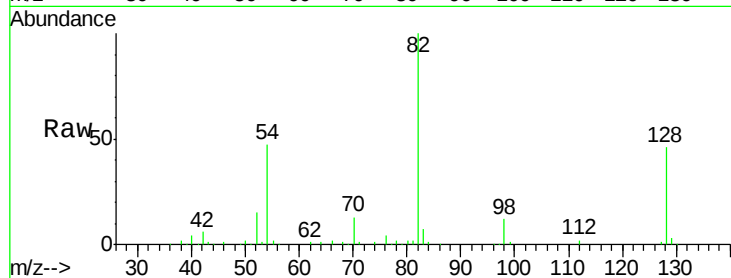




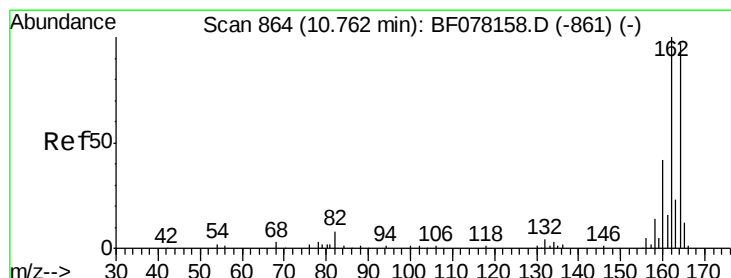
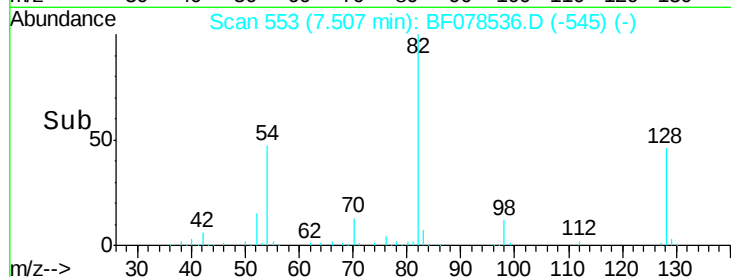
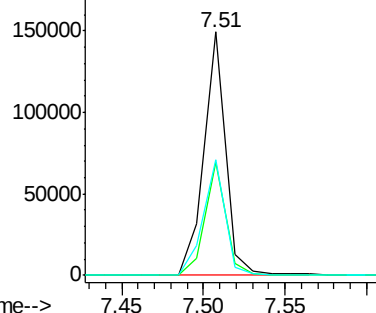
#23
 Nitrobenzene-d5
 Concen: 91.13 ng
 RT: 7.51 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF078536.D
 Acq: 15 Apr 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tgt Ion: 82 Resp: 136466
 Ion Ratio Lower Upper
 82 100
 128 46.4 31.8 47.8
 54 47.4 41.5 62.3

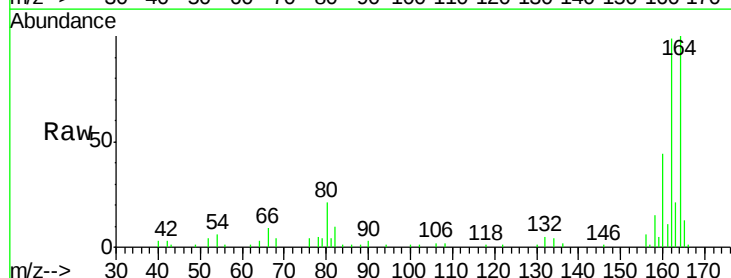


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

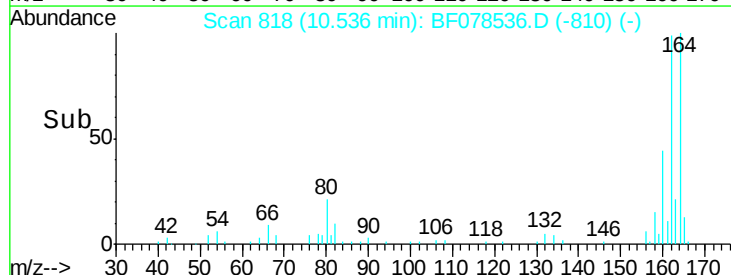
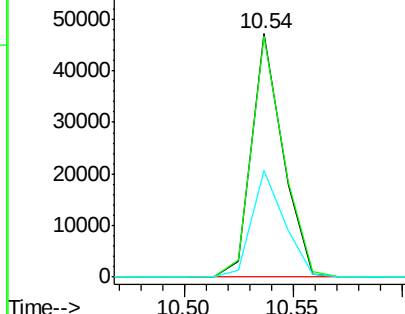


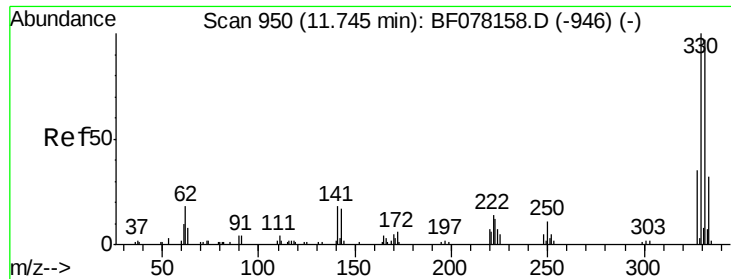
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.54 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF078536.D
 Acq: 15 Apr 2015 11:05

Tgt Ion: 164 Resp: 47229
 Ion Ratio Lower Upper
 164 100
 162 99.1 82.2 123.2
 160 43.8 34.7 52.1



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

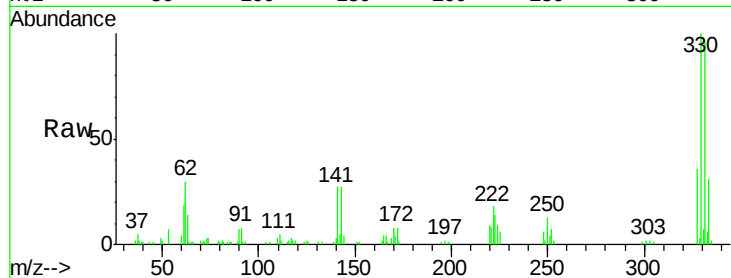




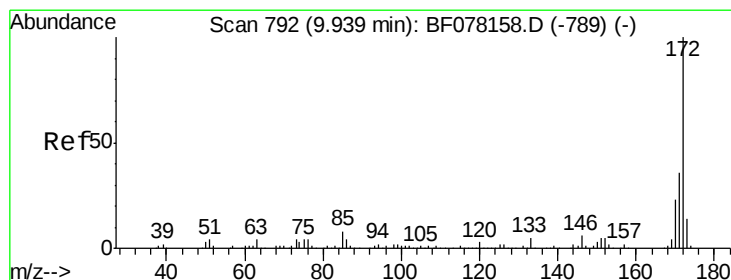
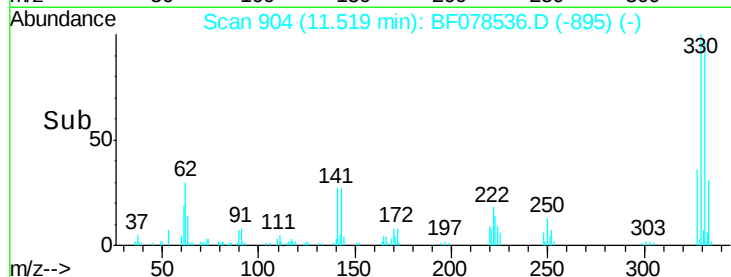
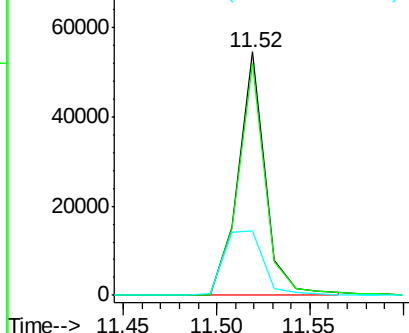
#41
 2,4,6-Tribromophenol
 Concen: 141.33 ng
 RT: 11.52 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF078536.D
 Acq: 15 Apr 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tgt Ion:330 Resp: 55359
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.6 117.8
 141 38.8 31.2 46.8

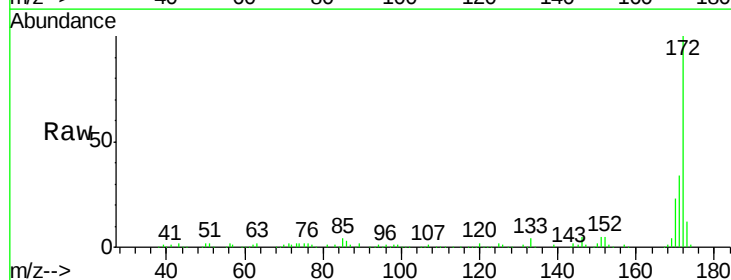


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

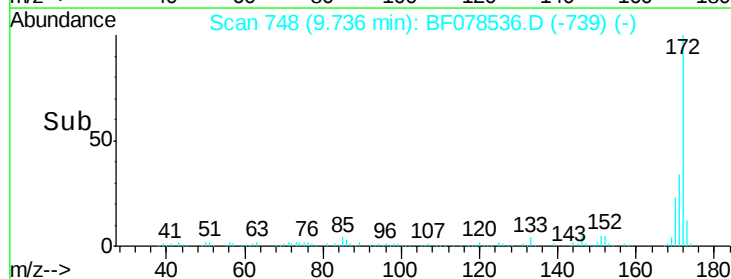
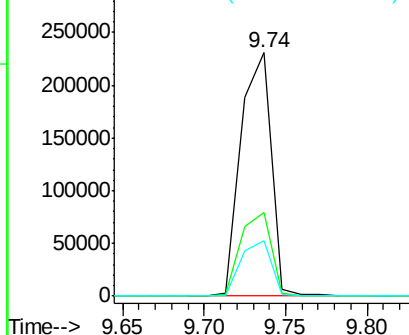


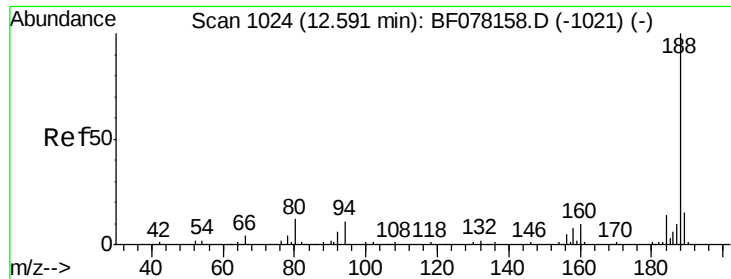
#44
 2-Fluorobiphenyl
 Concen: 89.80 ng
 RT: 9.74 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF078536.D
 Acq: 15 Apr 2015 11:05

Tgt Ion:172 Resp: 296708
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.6 42.8
 170 22.6 18.5 27.7



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

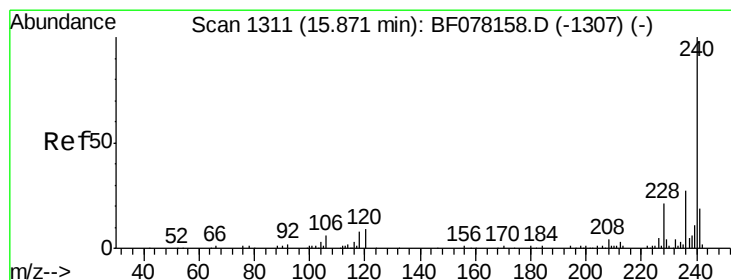
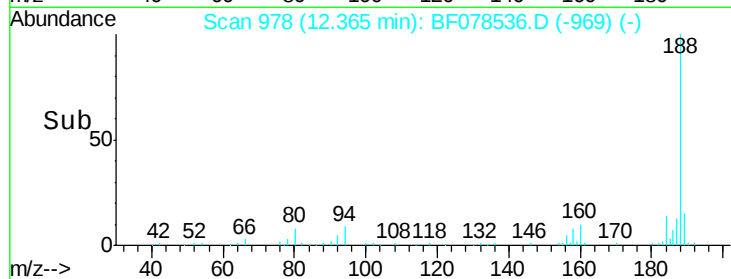
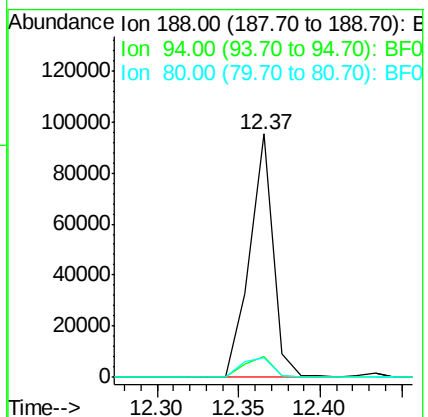
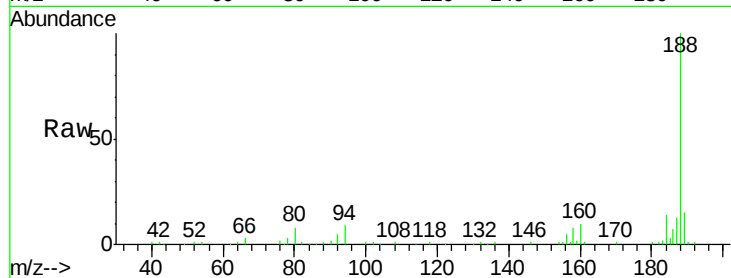




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.37 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF078536.D
Acq: 15 Apr 2015 11:05

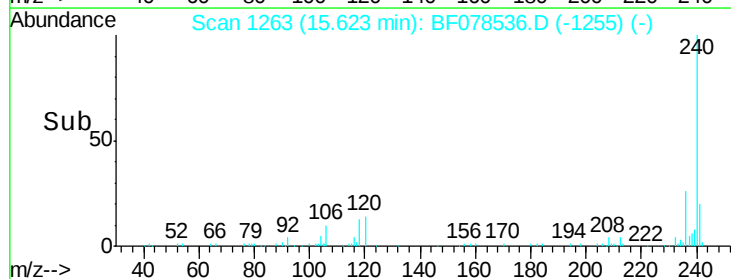
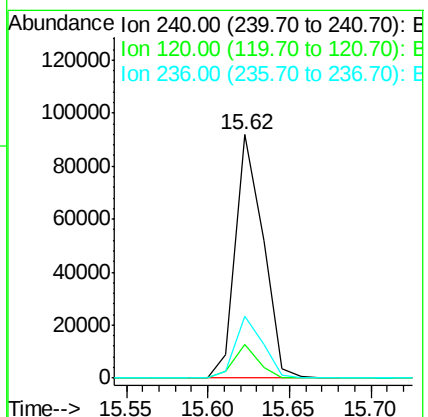
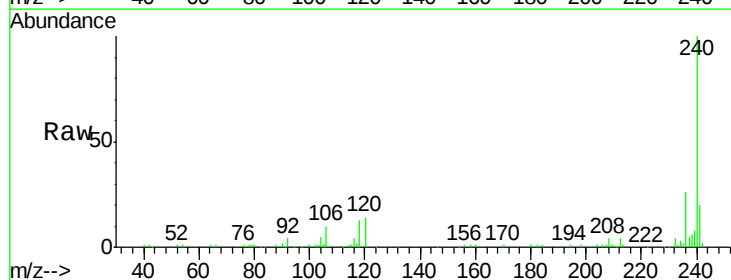
Instrument :
BNA_F
ClientSampleId :
SP-4

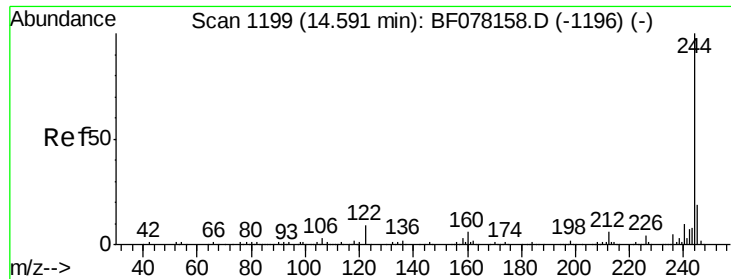
Tgt Ion:188 Resp: 95035
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.4#
80 8.3 9.5 14.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF078536.D
Acq: 15 Apr 2015 11:05

Tgt Ion:240 Resp: 107957
Ion Ratio Lower Upper
240 100
120 14.1 7.1 10.7#
236 25.6 21.4 32.2





#78

Terphenyl-d14

Concen: 80.10 ng

RT: 14.35 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF078536.D

Acq: 15 Apr 2015 11:05

Instrument :

BNA_F

ClientSampleId :

SP-4

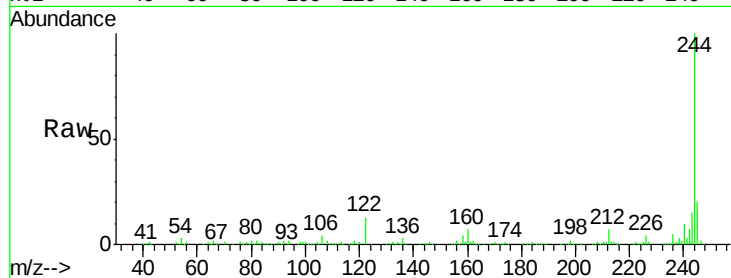
Tgt Ion:244 Resp: 382704

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

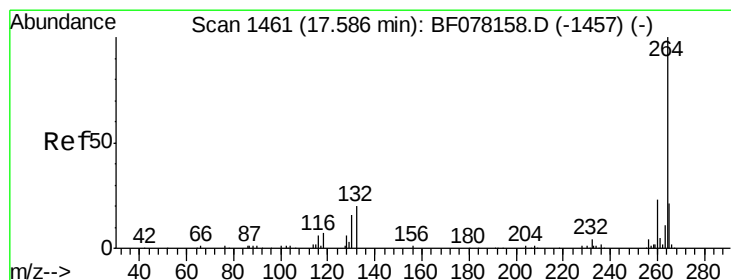
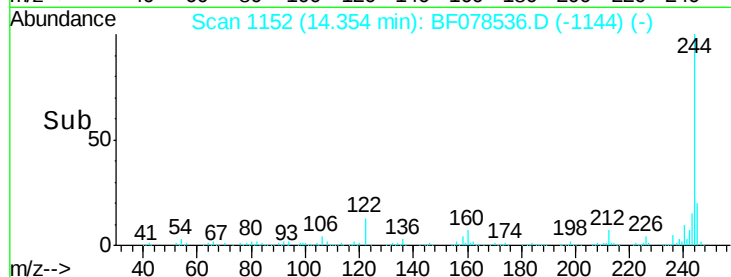
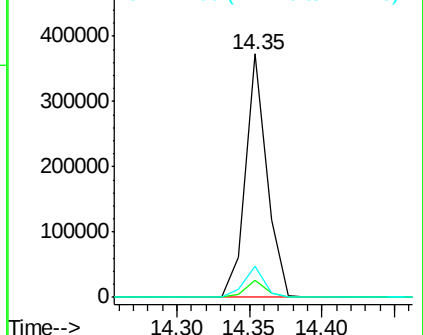
122 12.8 7.1 10.7#



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: 17.38 min Scan# 1417

Delta R.T. 0.06 min

Lab File: BF078536.D

Acq: 15 Apr 2015 11:05

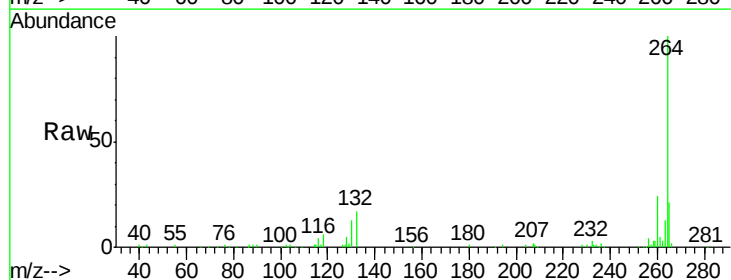
Tgt Ion:264 Resp: 108317

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 21.4 17.0 25.6



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

