

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078537.D
 Acq On : 15 Apr 2015 11:34
 Operator : TP/IZ
 Sample : G1823-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5

Quant Time: Apr 15 12:07:30 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	20754	20.00	ng	-0.01
21) Naphthalene-d8	8.38	136	86510	20.00	ng	-0.01
38) Acenaphthene-d10	10.54	164	43866	20.00	ng	-0.01
63) Phenanthrene-d10	12.36	188	92523	20.00	ng	0.00
75) Chrysene-d12	15.62	240	107135	20.00	ng	-0.01
86) Perylene-d12	17.33	264	108108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	162528	129.12	ng	0.00
7) Phenol-d6	6.40	99	190104	120.51	ng	-0.01
23) Nitrobenzene-d5	7.51	82	133771	93.73	ng	-0.01
41) 2,4,6-Tribromophenol	11.52	330	53454	146.93	ng	0.00
44) 2-Fluorobiphenyl	9.74	172	289694	94.40	ng	0.00
78) Terphenyl-d14	14.35	244	387117	81.65	ng	-0.01

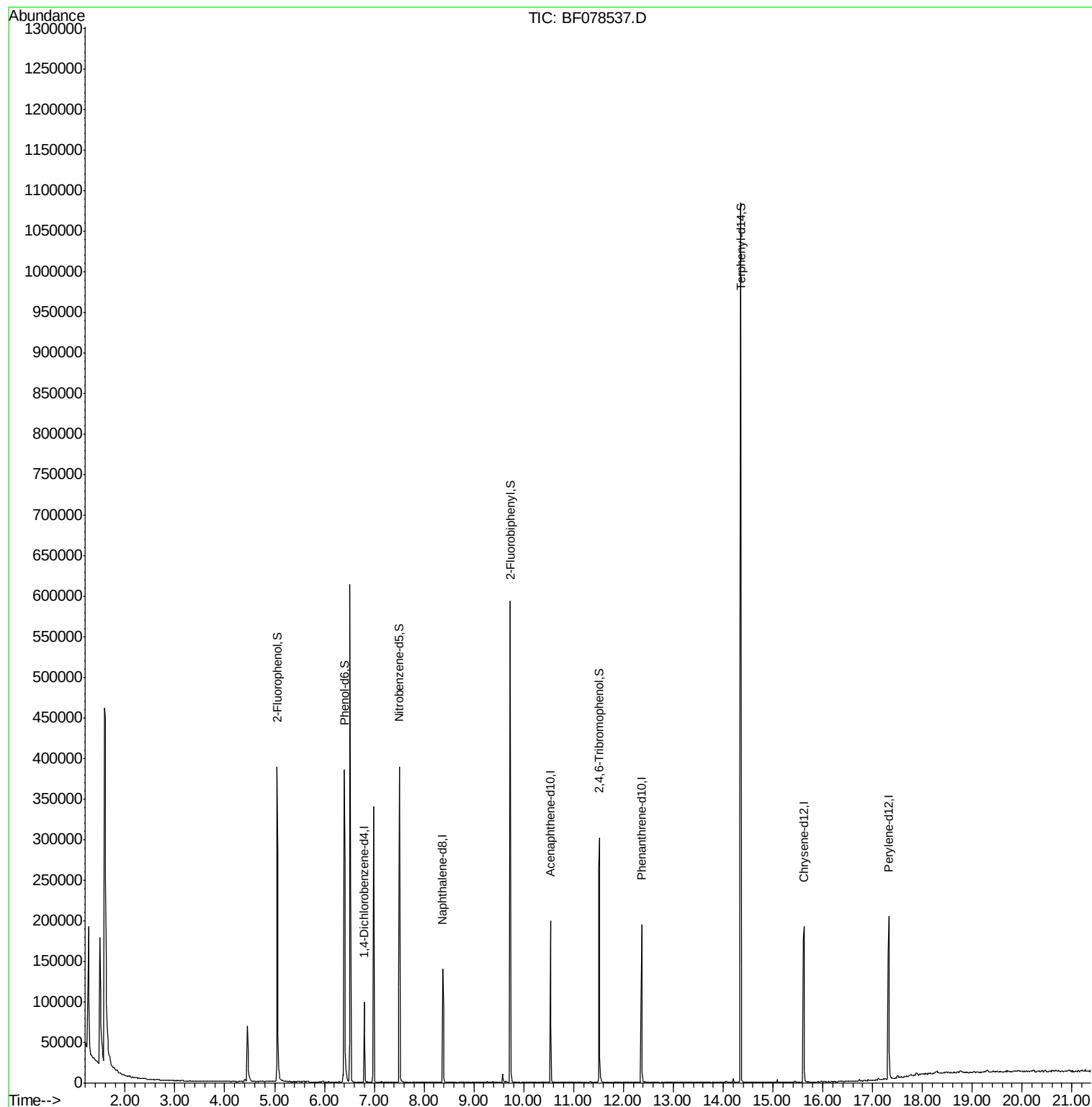
Target Compounds	Qvalue
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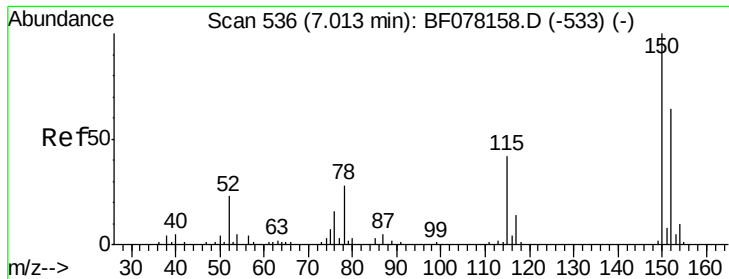
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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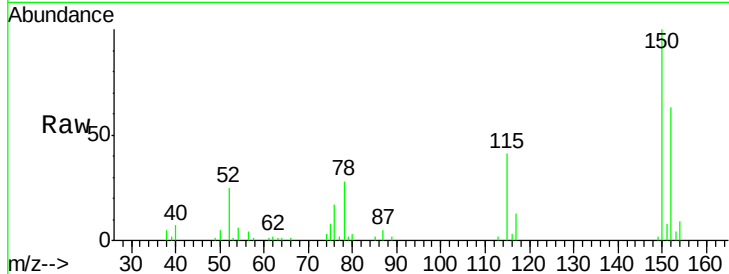


#1

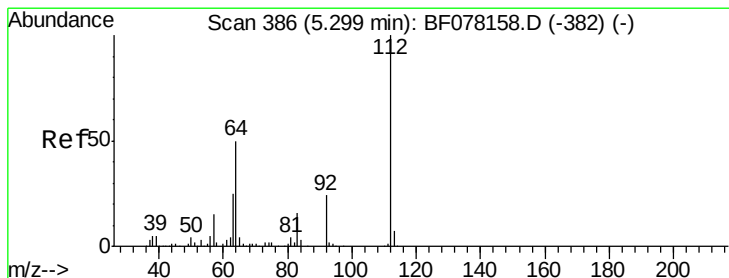
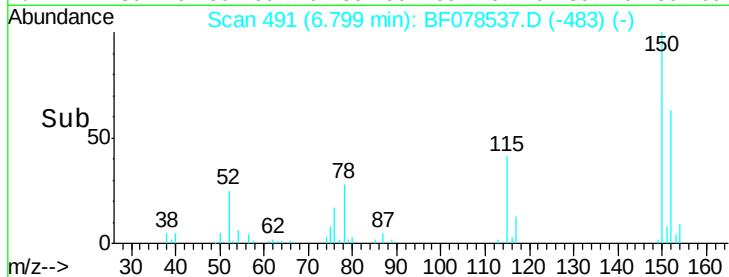
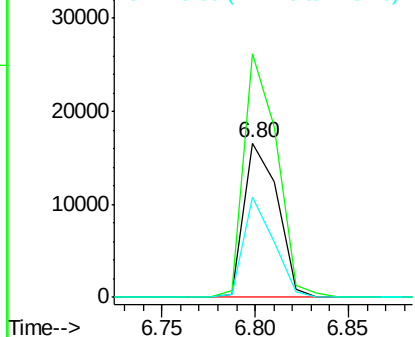
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF078537.D
Acq: 15 Apr 2015 11:34

Instrument :
BNA_F
ClientSampleId :
SP-5

Tgt Ion:152 Resp: 20754
Ion Ratio Lower Upper
152 100
150 157.8 125.9 188.9
115 65.0 52.7 79.1



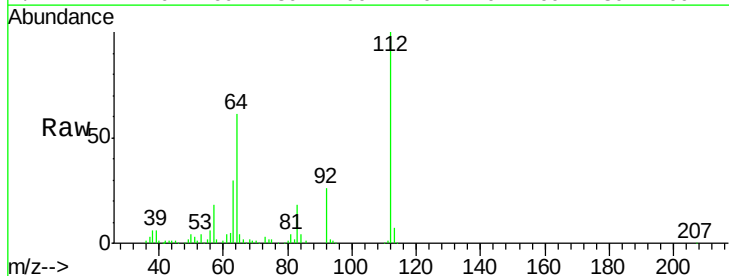
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



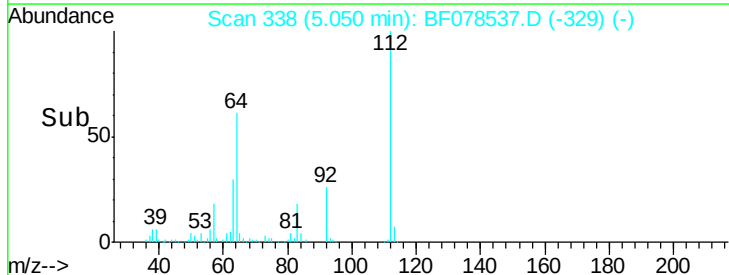
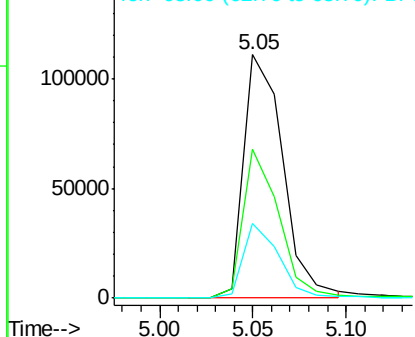
#5

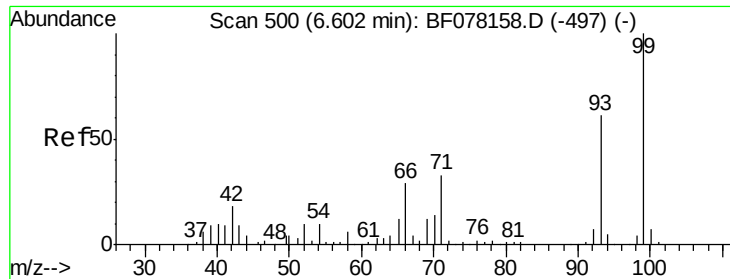
2-Fluorophenol
Concen: 129.12 ng
RT: 5.05 min Scan# 338
Delta R.T. -0.00 min
Lab File: BF078537.D
Acq: 15 Apr 2015 11:34

Tgt Ion:112 Resp: 162528
Ion Ratio Lower Upper
112 100
64 61.0 39.9 59.9#
63 30.5 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: 120.51 ng

RT: 6.40 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF078537.D

Acq: 15 Apr 2015 11:34

Instrument :

BNA_F

ClientSampleId :

SP-5

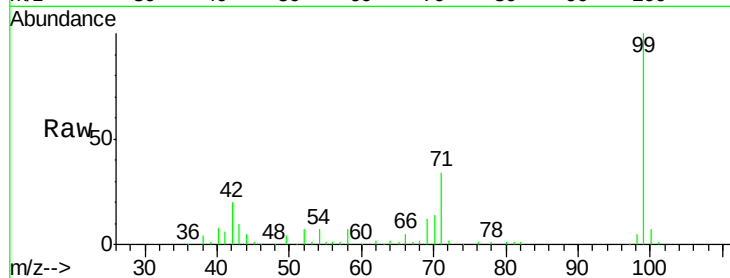
Tgt Ion: 99 Resp: 190104

Ion Ratio Lower Upper

99 100

42 19.7 14.8 22.2

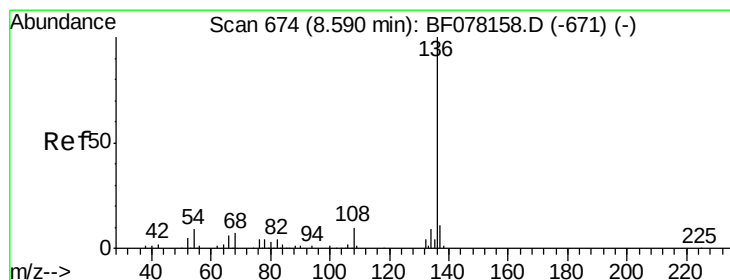
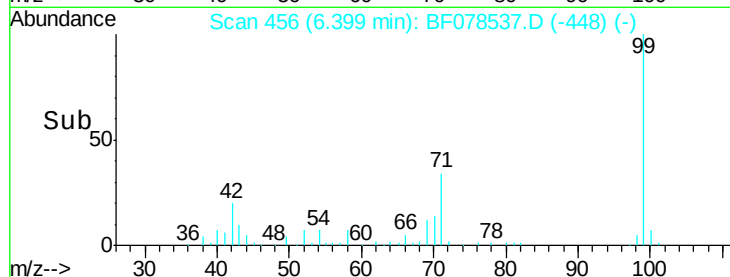
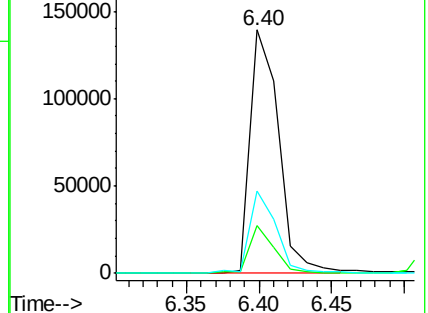
71 34.0 26.6 39.8



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: BF078537.D

Acq: 15 Apr 2015 11:34

Tgt Ion: 136 Resp: 86510

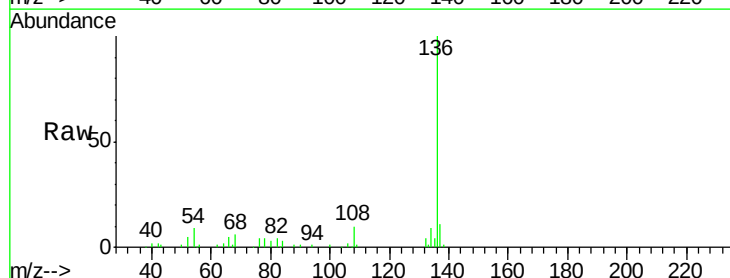
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.6 7.0 10.6

68 6.4 5.4 8.2

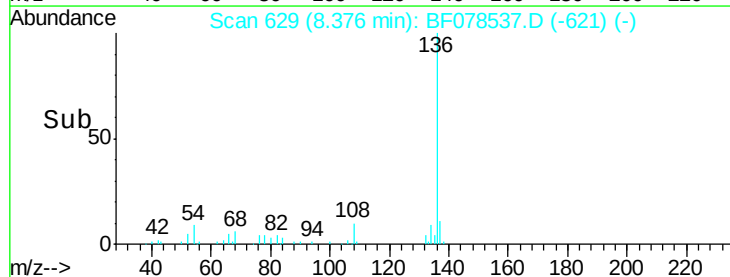
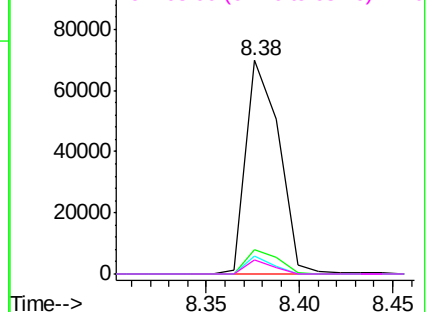


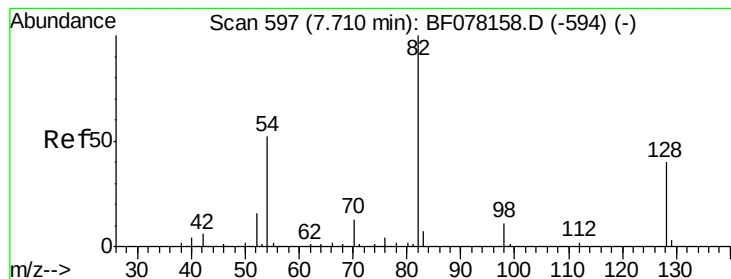
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.73 ng

RT: 7.51 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF078537.D

Acq: 15 Apr 2015 11:34

Instrument :

BNA_F

ClientSampleId :

SP-5

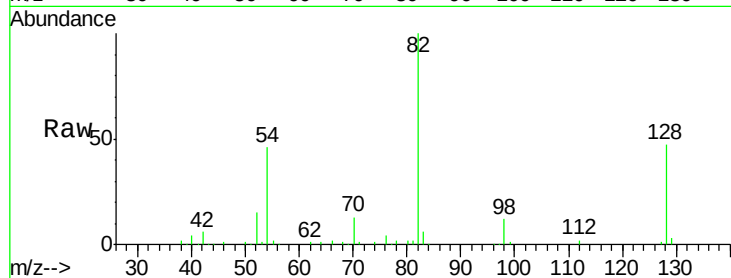
Tgt Ion: 82 Resp: 133771

Ion Ratio Lower Upper

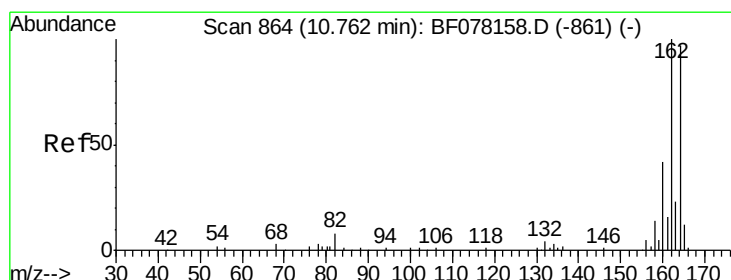
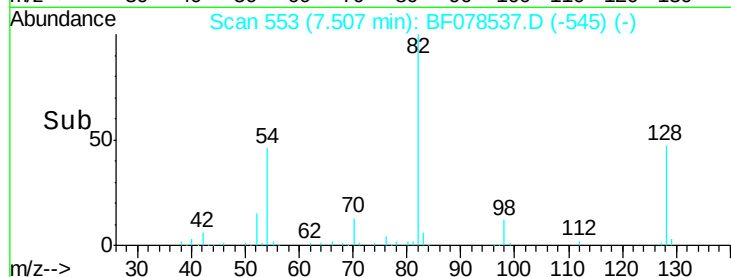
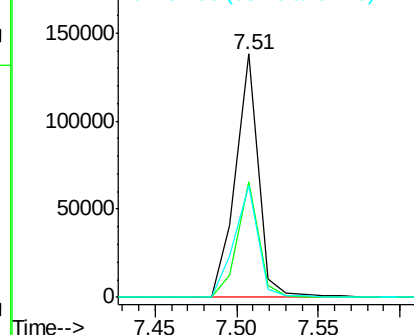
82 100

128 47.5 31.8 47.8

54 46.1 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: BF078537.D

Acq: 15 Apr 2015 11:34

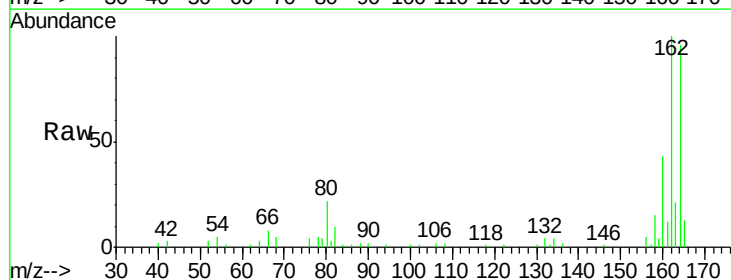
Tgt Ion: 164 Resp: 43866

Ion Ratio Lower Upper

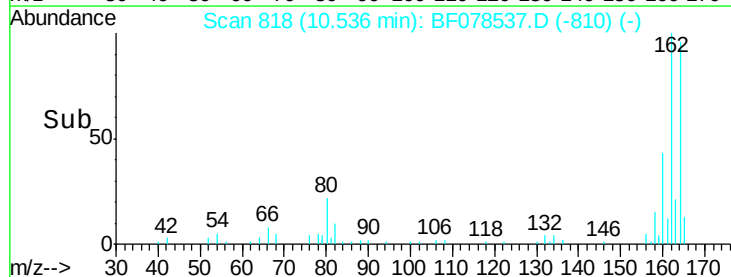
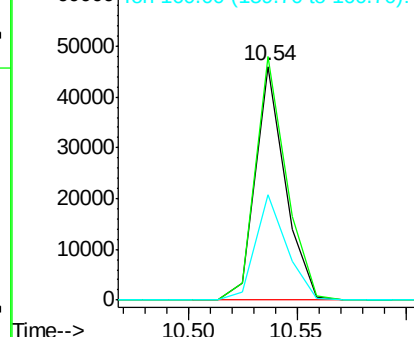
164 100

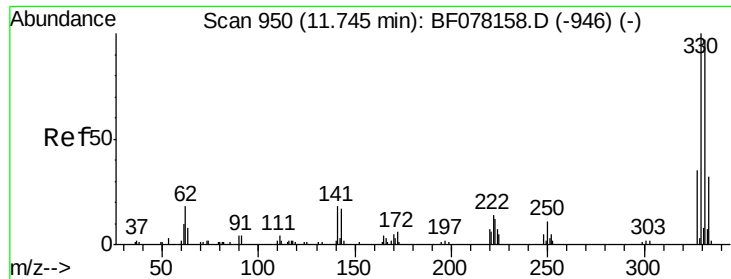
162 104.2 82.2 123.2

160 45.3 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

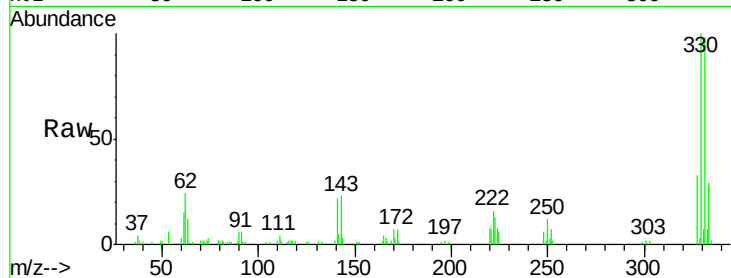




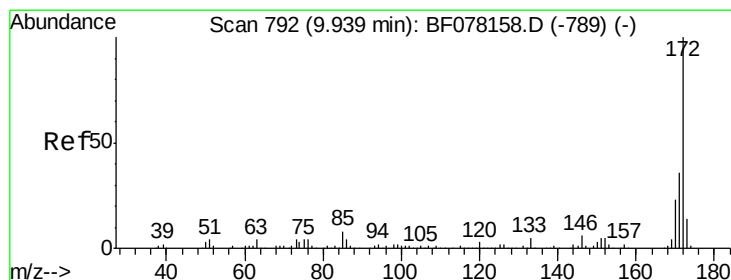
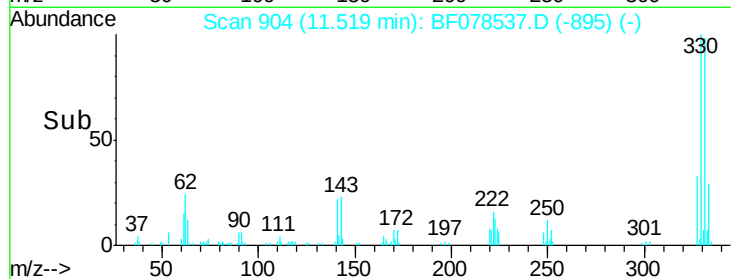
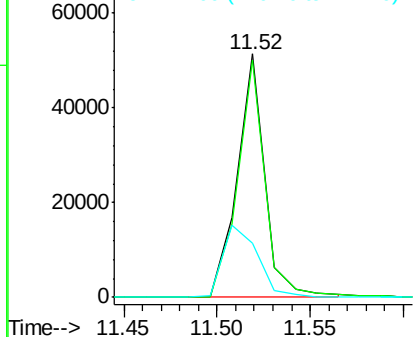
#41
 2,4,6-Tribromophenol
 Concen: 146.93 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF078537.D
 Acq: 15 Apr 2015 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SP-5

Tgt Ion:330 Resp: 53454
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.6 117.8
 141 37.5 31.2 46.8

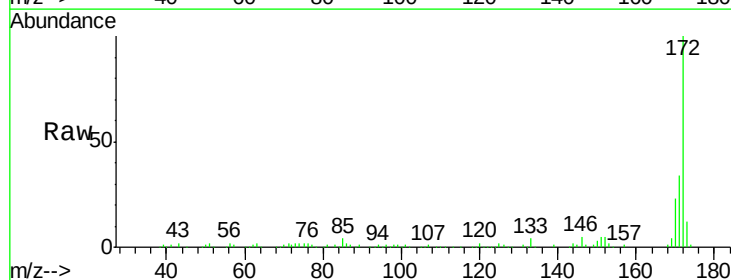


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

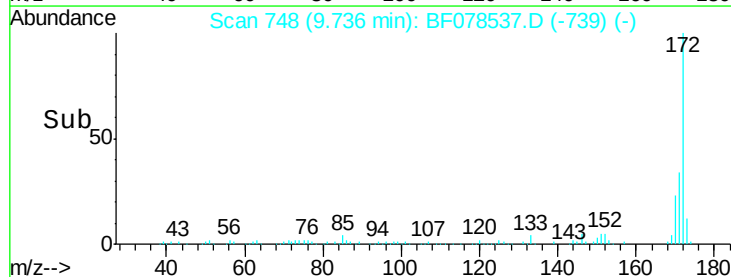
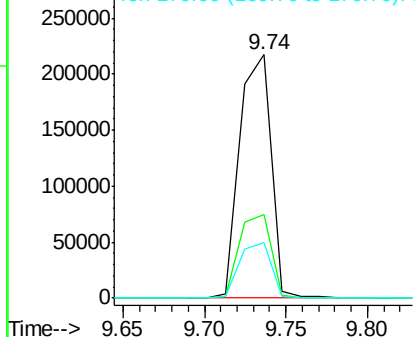


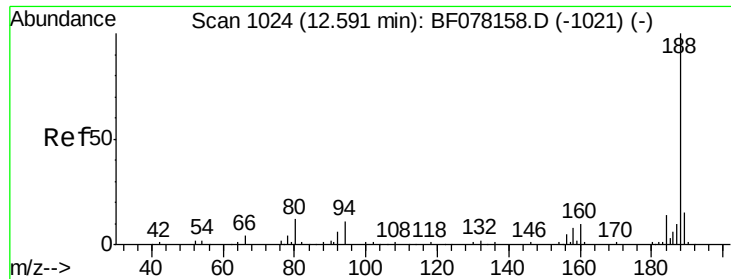
#44
 2-Fluorobiphenyl
 Concen: 94.40 ng
 RT: 9.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF078537.D
 Acq: 15 Apr 2015 11:34

Tgt Ion:172 Resp: 289694
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.6 42.8
 170 22.9 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

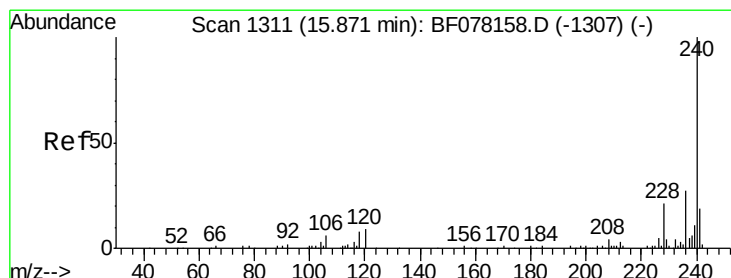
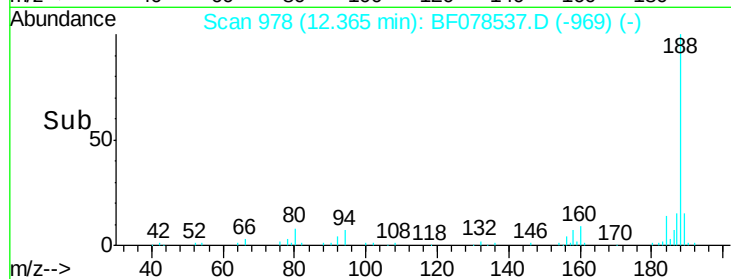
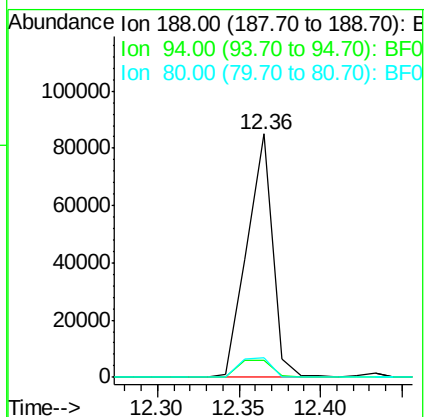
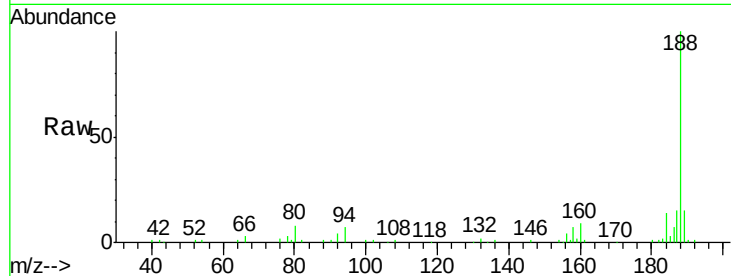




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.36 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF078537.D
 Acq: 15 Apr 2015 11:34

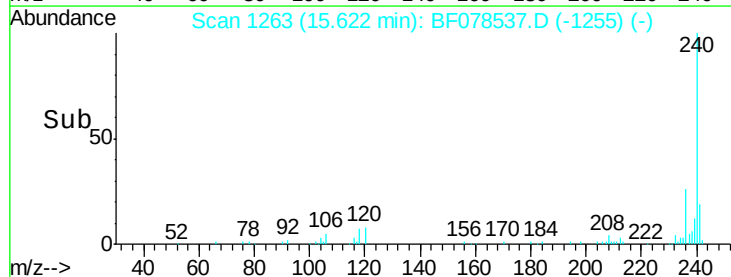
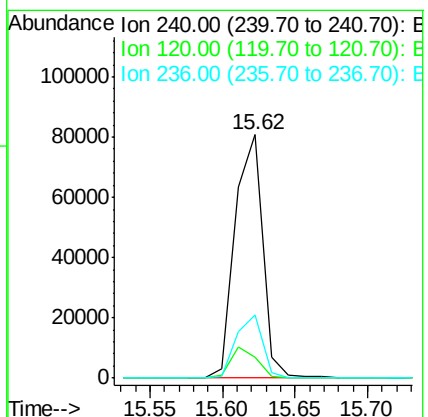
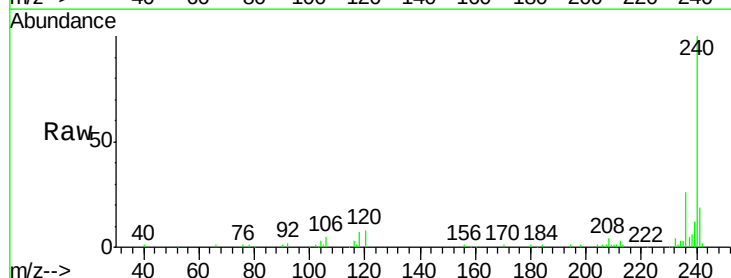
Instrument :
 BNA_F
 ClientSampled :
 SP-5

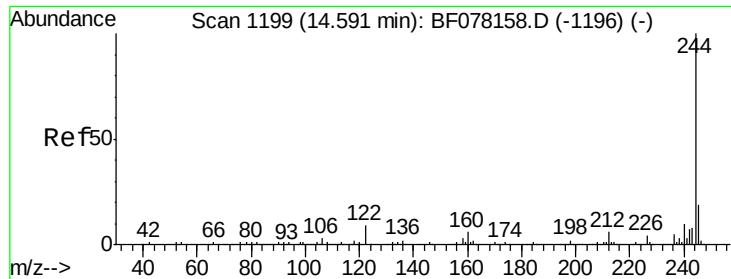
Tgt Ion:188 Resp: 92523
 Ion Ratio Lower Upper
 188 100
 94 7.2 9.0 13.4#
 80 8.0 9.5 14.3#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF078537.D
 Acq: 15 Apr 2015 11:34

Tgt Ion:240 Resp: 107135
 Ion Ratio Lower Upper
 240 100
 120 8.3 7.1 10.7
 236 25.8 21.4 32.2

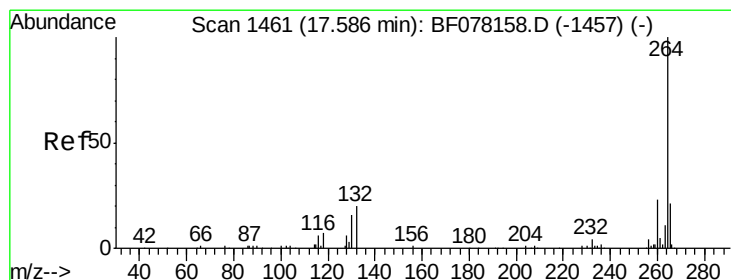
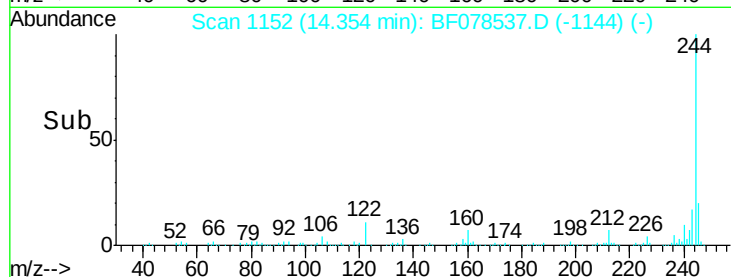
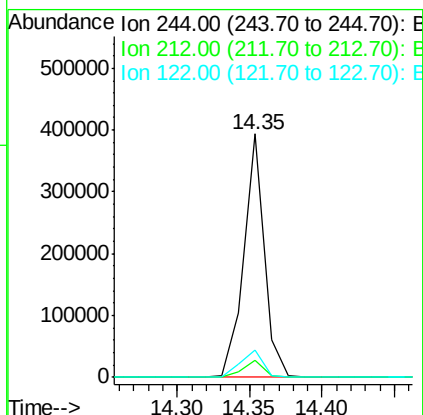
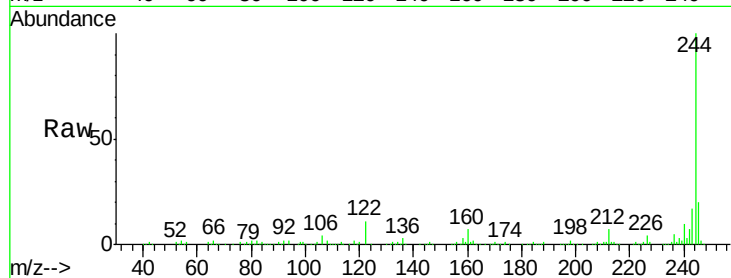




#78
 Terphenyl-d14
 Concen: 81.65 ng
 RT: 14.35 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF078537.D
 Acq: 15 Apr 2015 11:34

Instrument :
 BNA_F
 ClientSampled :
 SP-5

Tgt Ion:244 Resp: 387117
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 11.4 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.33 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF078537.D
 Acq: 15 Apr 2015 11:34

Tgt Ion:264 Resp: 108108
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 20.8 17.0 25.6

