

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040915\
 Data File : BF078371.D
 Acq On : 9 Apr 2015 21:15
 Operator : TP/IZ
 Sample : G1782-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03

Quant Time: Apr 10 01:20:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 00:58:40 2015
 Response via : Initial Calibration

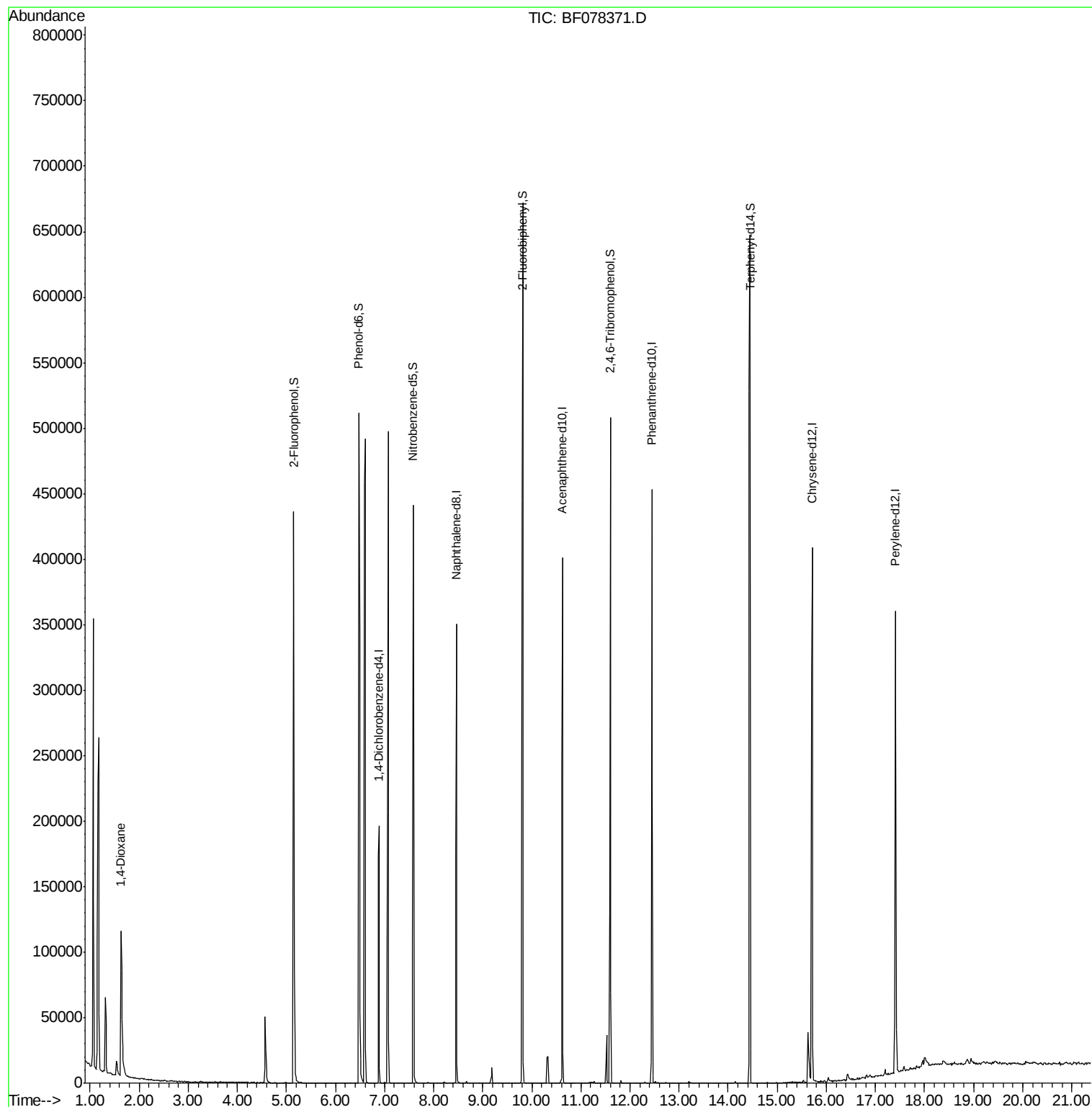
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	45736	20.00	ng	0.00
21) Naphthalene-d8	8.46	136	192965	20.00	ng	0.00
38) Acenaphthene-d10	10.62	164	102092	20.00	ng	0.00
63) Phenanthrene-d10	12.44	188	203231	20.00	ng	-0.01
75) Chrysene-d12	15.71	240	206621	20.00	ng	-0.01
86) Perylene-d12	17.40	264	188726	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	193243	69.66	ng	0.00
7) Phenol-d6	6.48	99	244318	70.28	ng	-0.01
23) Nitrobenzene-d5	7.58	82	144408	45.36	ng	0.00
41) 2,4,6-Tribromophenol	11.60	330	60624	71.60	ng	-0.01
44) 2-Fluorobiphenyl	9.81	172	284452	39.83	ng	0.00
78) Terphenyl-d14	14.44	244	305655	33.43	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.63	88	5067	4.04	ng	Qvalue # 23

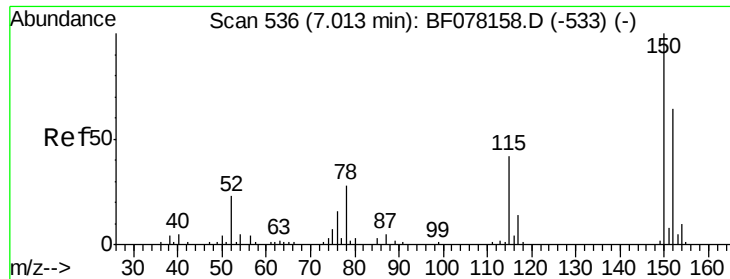
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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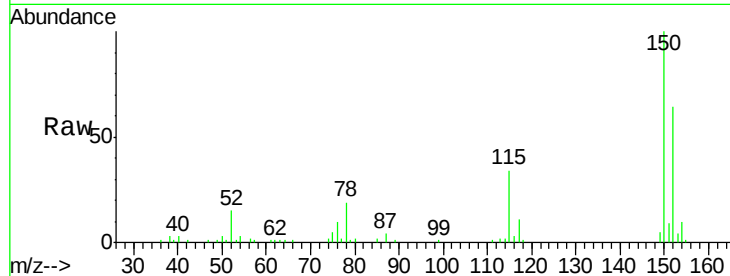


#1

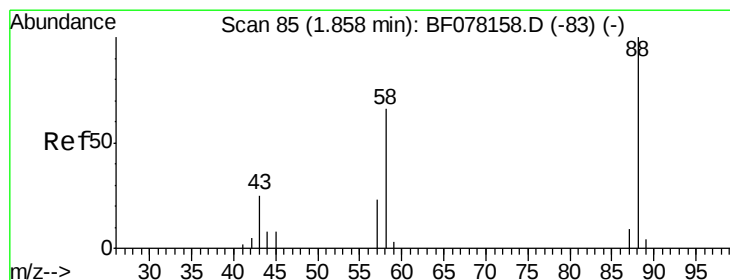
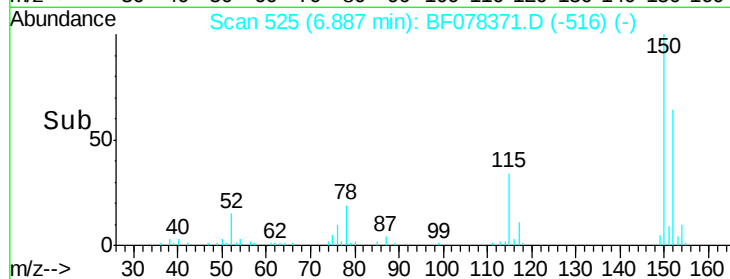
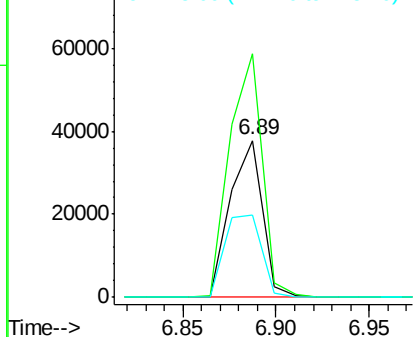
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF078371.D
Acq: 9 Apr 2015 21:15

Instrument :
BNA_F
ClientSampleId :
SB03

Tgt Ion:152 Resp: 45736
Ion Ratio Lower Upper
152 100
150 155.3 125.9 188.9
115 52.3 52.7 79.1#



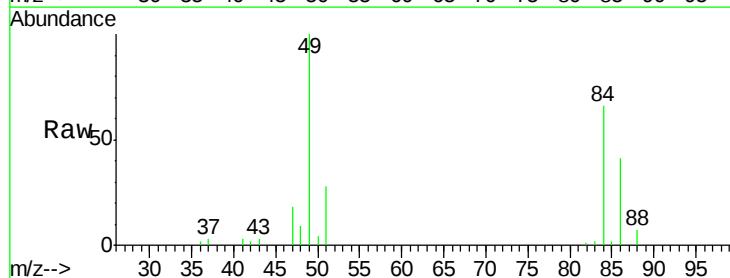
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



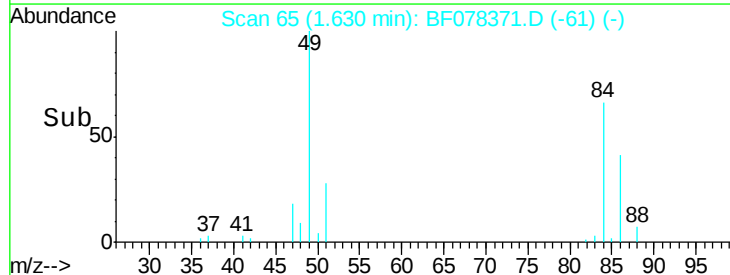
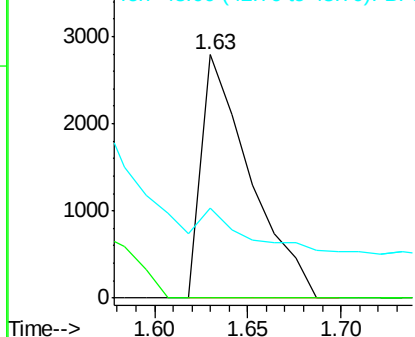
#2

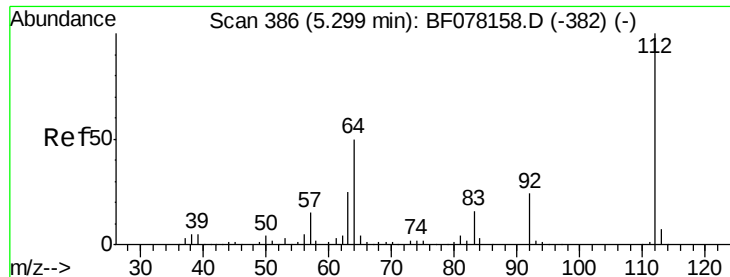
1,4-Dioxane
Concen: 4.04 ng
RT: 1.63 min Scan# 65
Delta R.T. -0.06 min
Lab File: BF078371.D
Acq: 9 Apr 2015 21:15

Tgt Ion: 88 Resp: 5067
Ion Ratio Lower Upper
88 100
58 0.0 56.9 85.3#
43 0.0 21.4 32.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 69.66 ng

RT: 5.15 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF078371.D

Acq: 9 Apr 2015 21:15

Instrument :

BNA_F

ClientSampled :

SB03

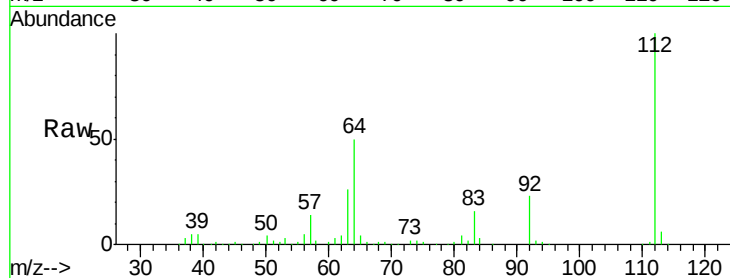
Tgt Ion: 112 Resp: 193243

Ion Ratio Lower Upper

112 100

64 50.4 39.9 59.9

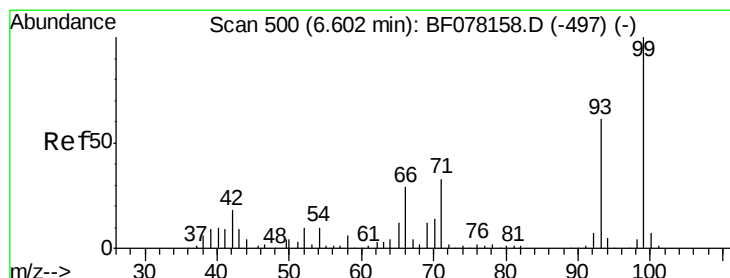
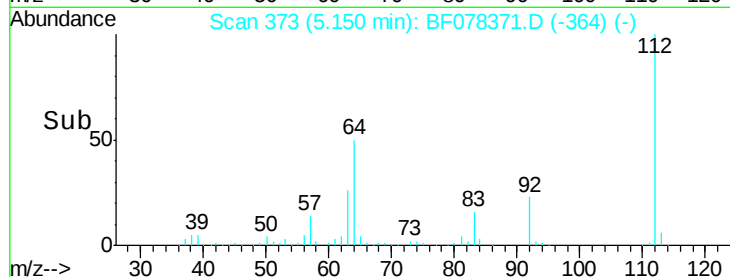
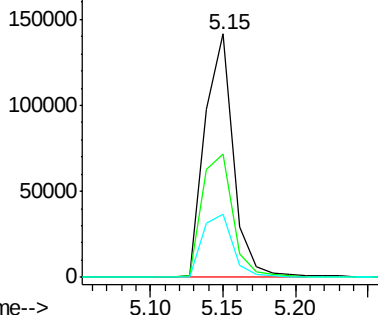
63 25.7 20.2 30.4



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: 70.28 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF078371.D

Acq: 9 Apr 2015 21:15

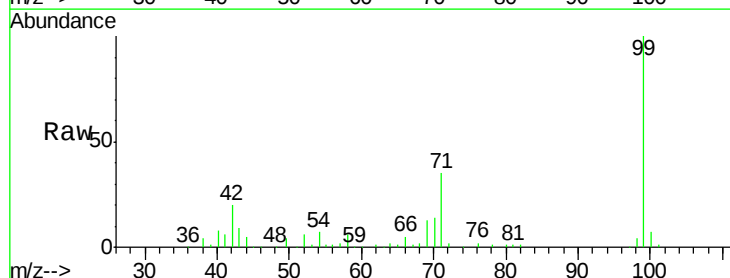
Tgt Ion: 99 Resp: 244318

Ion Ratio Lower Upper

99 100

42 19.6 14.8 22.2

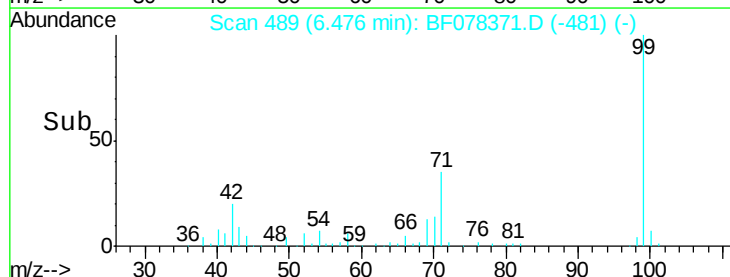
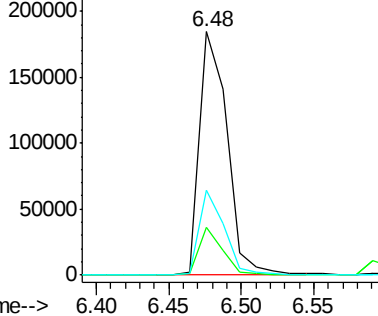
71 34.9 26.6 39.8

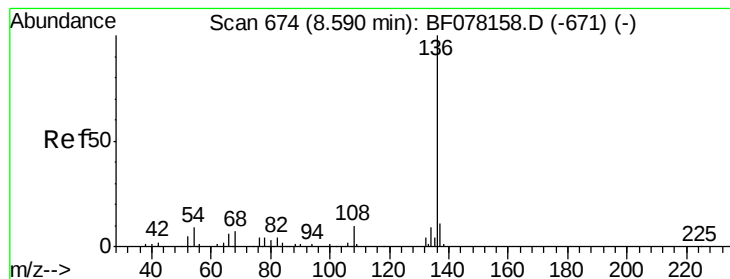


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078371.D

Acq: 9 Apr 2015 21:15

Instrument :

BNA_F

ClientSampleId :

SB03

Tgt Ion: 136 Resp: 192965

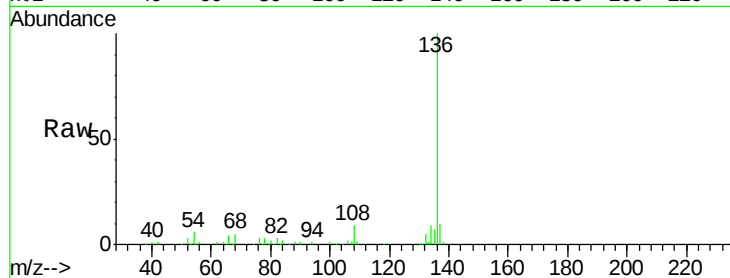
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 5.8 7.0 10.6#

68 5.0 5.4 8.2#

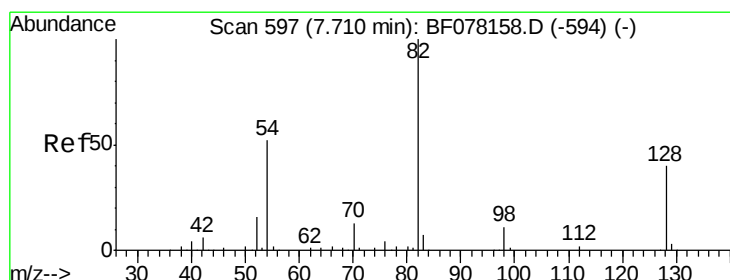
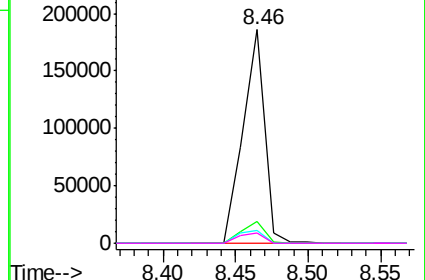
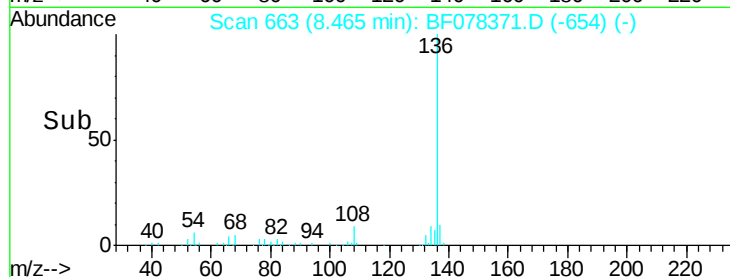


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.36 ng

RT: 7.58 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF078371.D

Acq: 9 Apr 2015 21:15

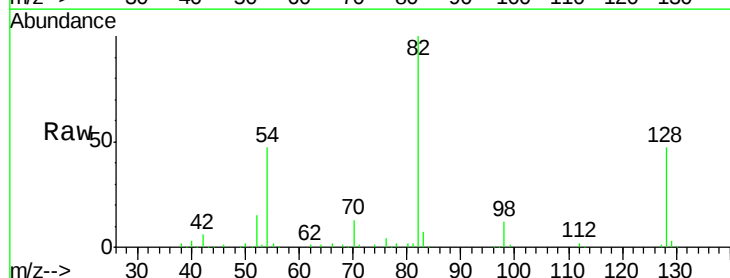
Tgt Ion: 82 Resp: 144408

Ion Ratio Lower Upper

82 100

128 47.1 31.8 47.8

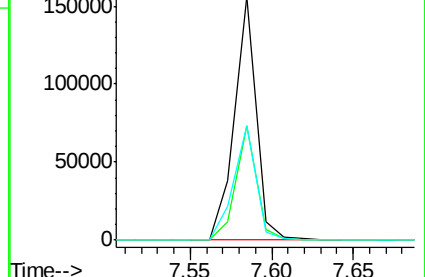
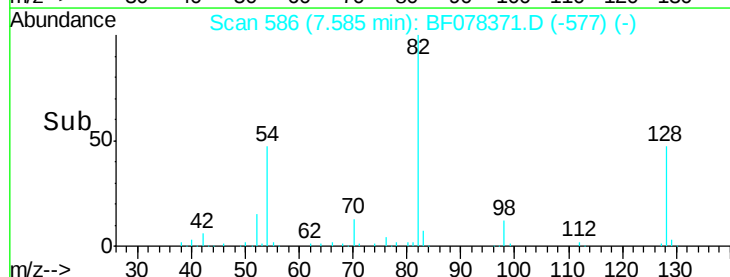
54 47.0 41.5 62.3

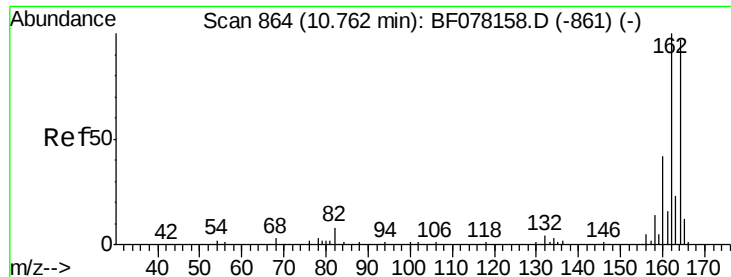


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.62 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF078371.D

Acq: 9 Apr 2015 21:15

Instrument :

BNA_F

ClientSampleId :

SB03

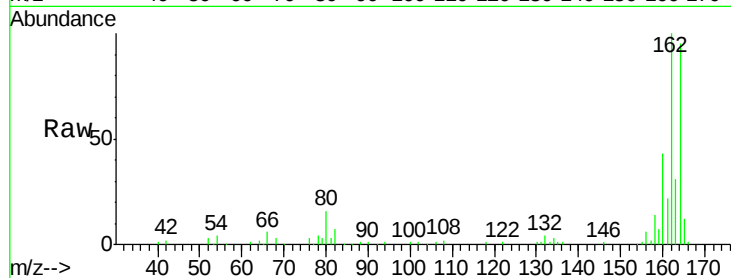
Tgt Ion:164 Resp: 102092

Ion Ratio Lower Upper

164 100

162 105.0 82.2 123.2

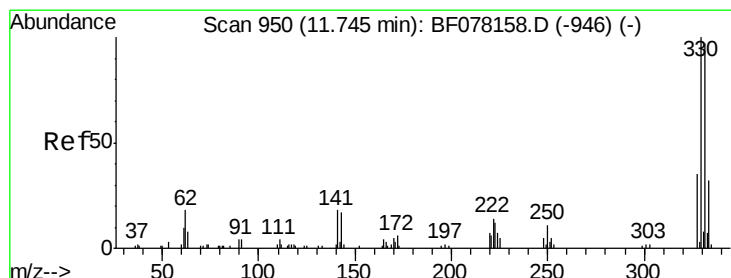
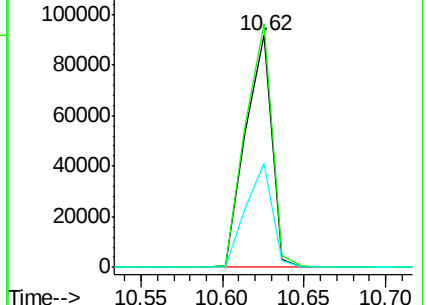
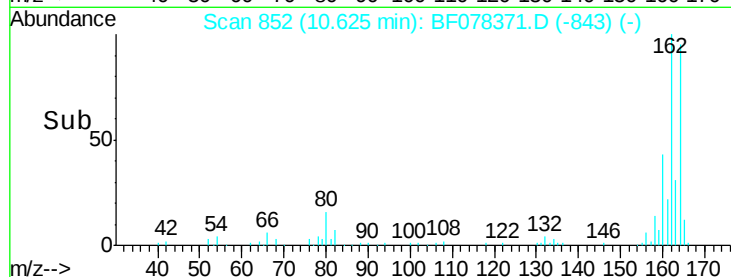
160 45.0 34.7 52.1



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: 71.60 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF078371.D

Acq: 9 Apr 2015 21:15

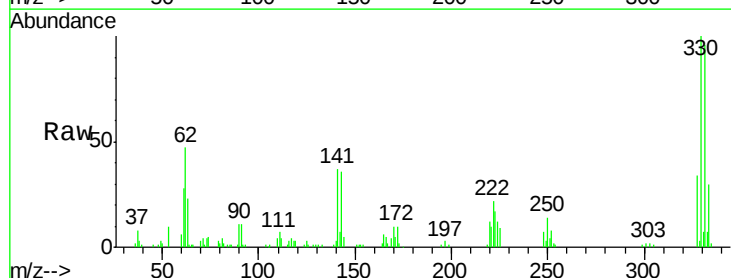
Tgt Ion:330 Resp: 60624

Ion Ratio Lower Upper

330 100

332 95.5 78.6 117.8

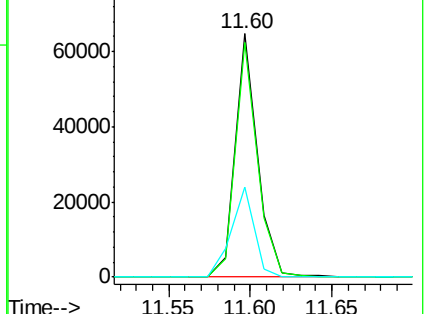
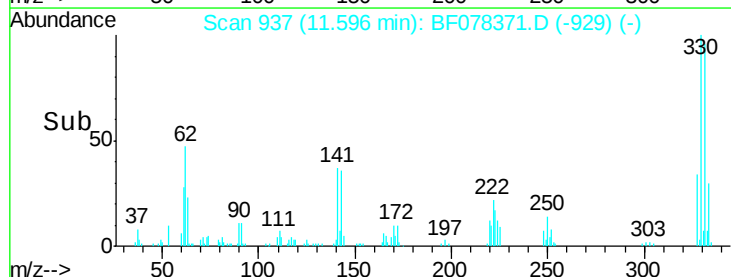
141 38.1 31.2 46.8



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

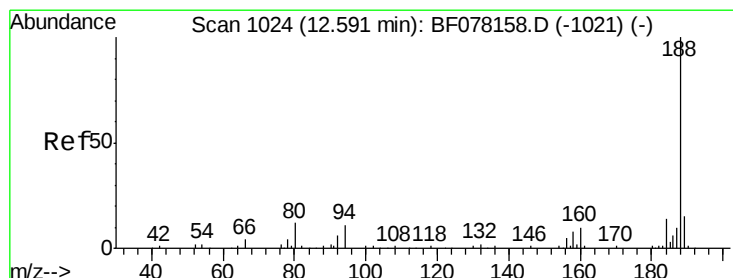
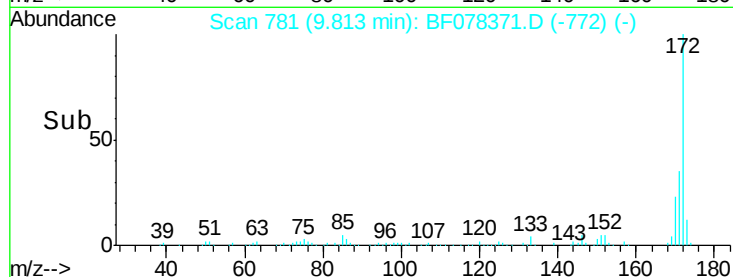
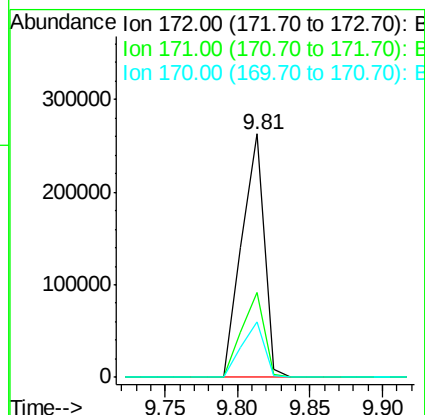
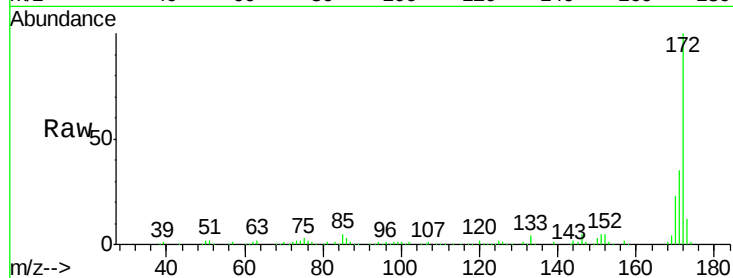




#44
 2-Fluorobiphenyl
 Concen: 39.83 ng
 RT: 9.81 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF078371.D
 Acq: 9 Apr 2015 21:15

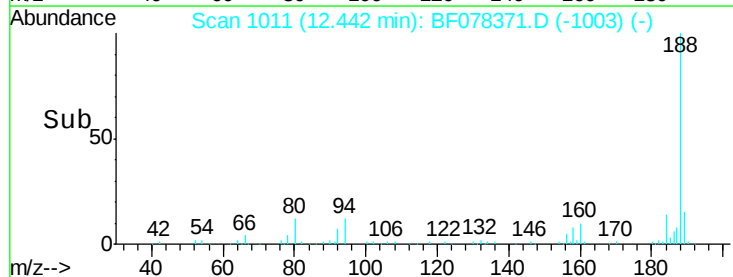
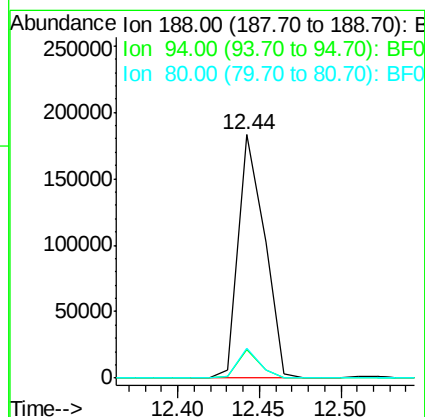
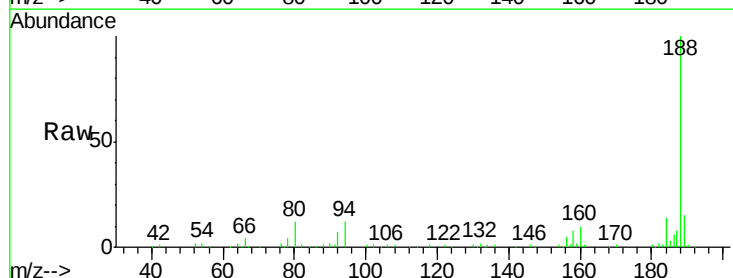
Instrument :
 BNA_F
 ClientSampleId :
 SB03

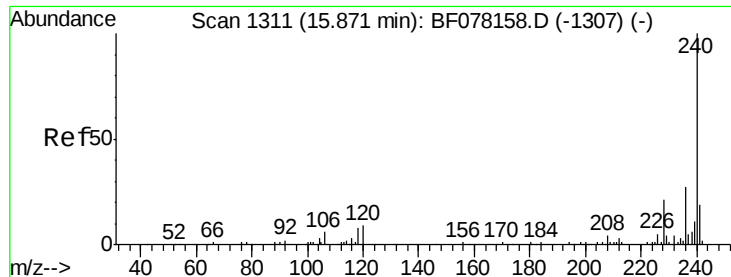
Tgt Ion:172 Resp: 284452
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 42.8
 170 22.7 18.5 27.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078371.D
 Acq: 9 Apr 2015 21:15

Tgt Ion:188 Resp: 203231
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.0 13.4
 80 12.0 9.5 14.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.71 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF078371.D

Acq: 9 Apr 2015 21:15

Instrument :

BNA_F

ClientSampleId :

SB03

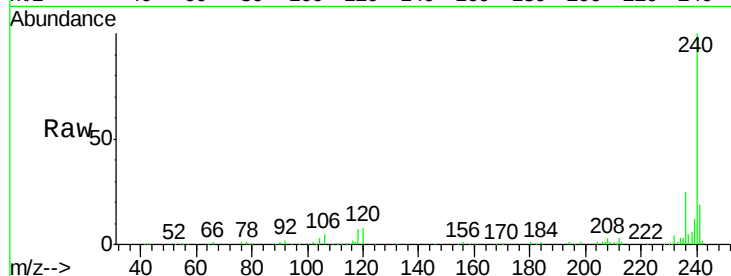
Tgt Ion:240 Resp: 206621

Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

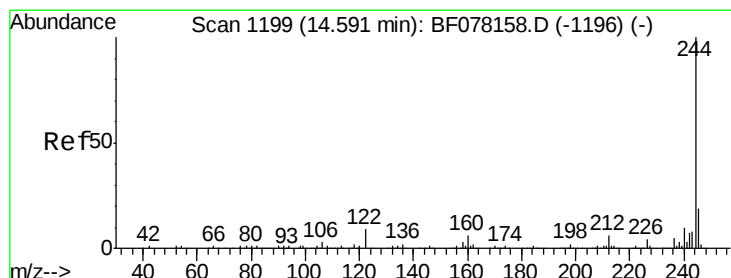
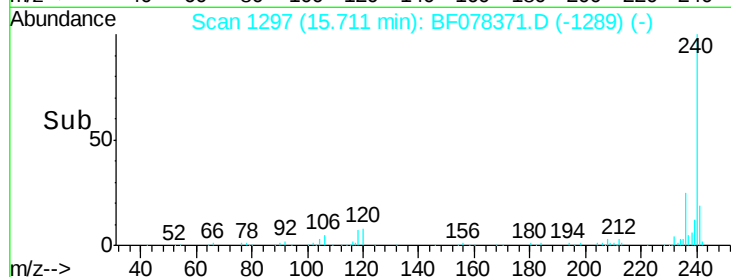
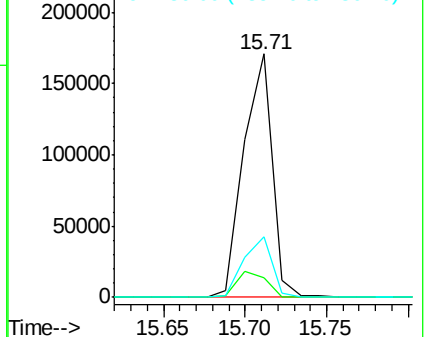
236 25.1 21.4 32.2



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: 33.43 ng

RT: 14.44 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF078371.D

Acq: 9 Apr 2015 21:15

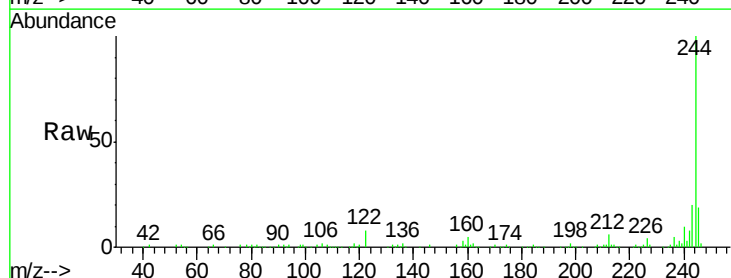
Tgt Ion:244 Resp: 305655

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

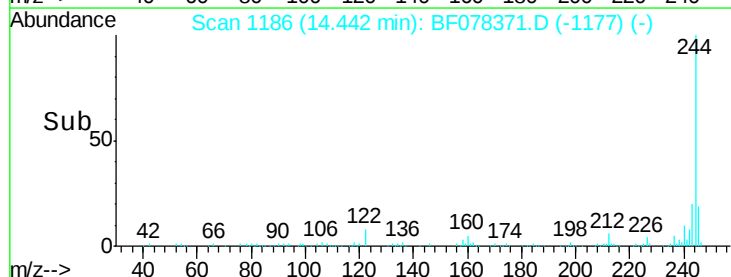
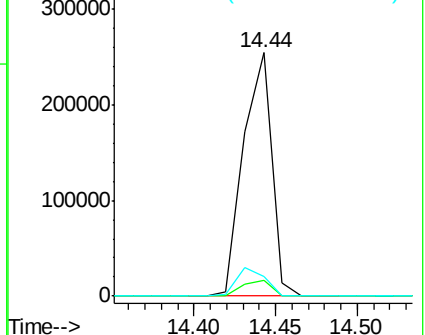
122 8.1 7.1 10.7

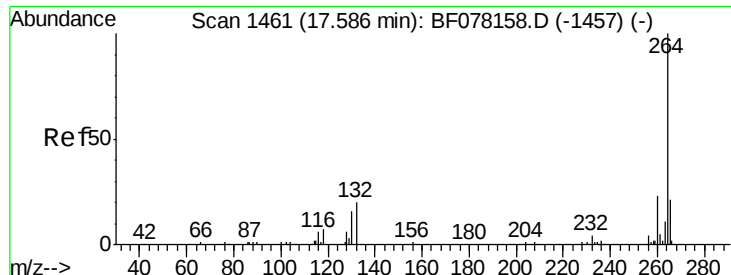


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

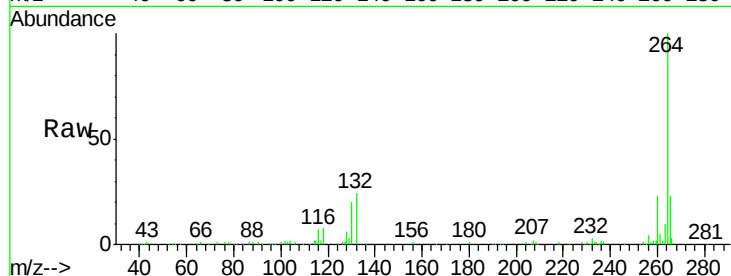




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.40 min Scan# 1445
Delta R.T. -0.08 min
Lab File: BF078371.D
Acq: 9 Apr 2015 21:15

Instrument :
BNA_F
ClientSampleId :
SB03

Tgt Ion: 264 Resp: 188726
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 22.5 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

