

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078270.D
 Acq On : 6 Apr 2015 21:34
 Operator : TP/IZ
 Sample : G1757-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SW03

Quant Time: Apr 07 01:28:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 02:08:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	44833	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	182206	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	91279	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	178427	20.00	ng	-0.01
75) Chrysene-d12	15.83	240	189858	20.00	ng	-0.02
86) Perylene-d12	17.62	264	174548	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	151358	55.66	ng	0.00
7) Phenol-d6	6.58	99	117003	34.33	ng	0.00
23) Nitrobenzene-d5	7.68	82	246281	81.93	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	103768	137.07	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	550007	86.13	ng	0.00
78) Terphenyl-d14	14.55	244	648823	77.22	ng	0.00

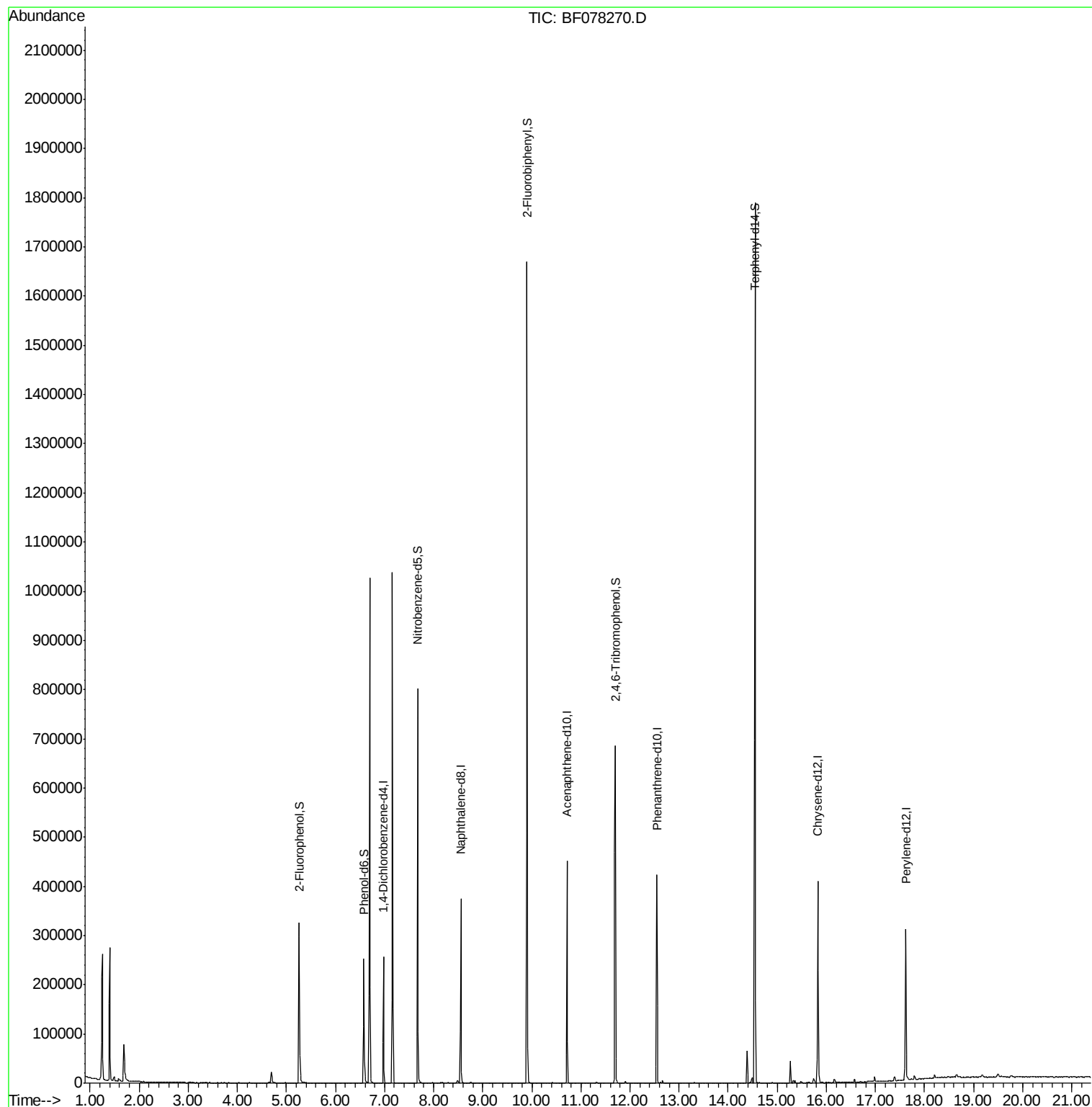
Target Compounds Qvalue

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

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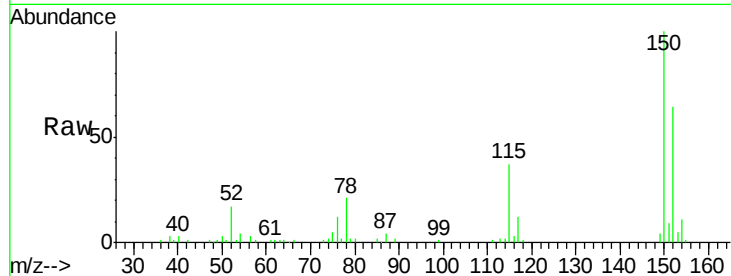


#1

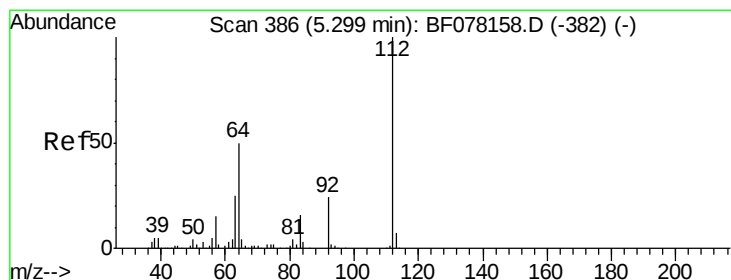
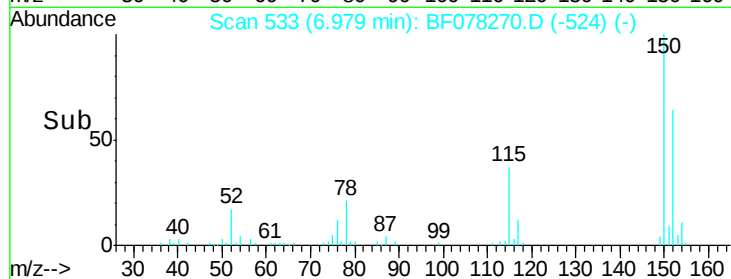
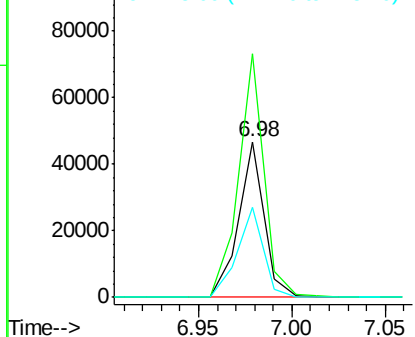
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF078270.D
Acq: 6 Apr 2015 21:34

Instrument :
BNA_F
ClientSampleId :
LS-SW03

Tot Ion:152 Resp: 44833
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 57.6 52.7 79.1



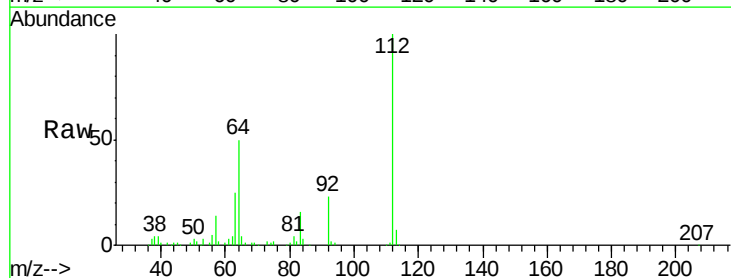
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



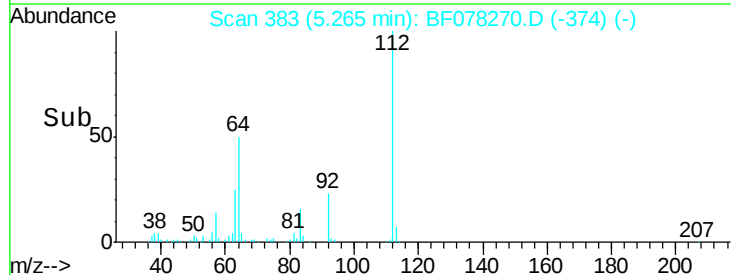
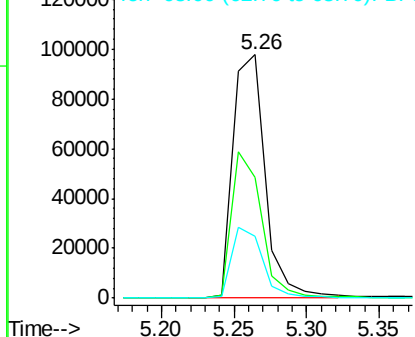
#5

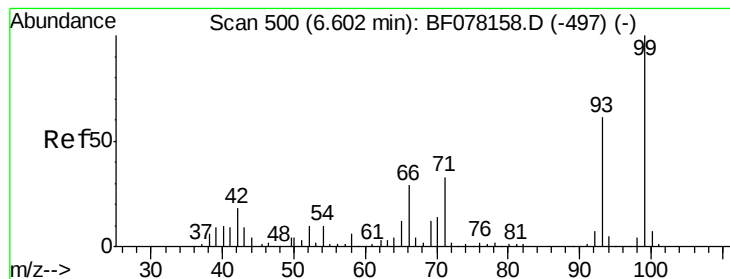
2-Fluorophenol
Concen: 55.66 ng
RT: 5.26 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF078270.D
Acq: 6 Apr 2015 21:34

Tgt Ion:112 Resp: 151358
Ion Ratio Lower Upper
112 100
64 49.7 39.9 59.9
63 25.2 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: 34.33 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078270.D

Acq: 6 Apr 2015 21:34

Instrument :

BNA_F

ClientSampleId :

LS-SW03

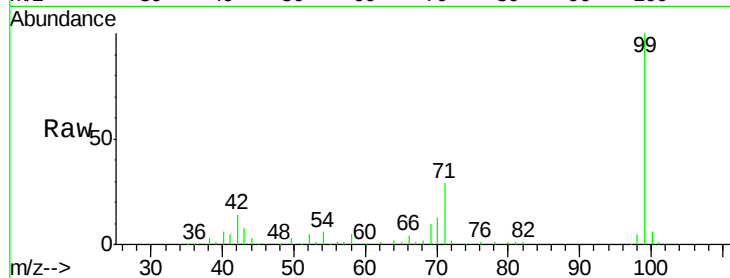
Tot Ion: 99 Resp: 117003

Ion Ratio Lower Upper

99 100

42 14.2 14.8 22.2#

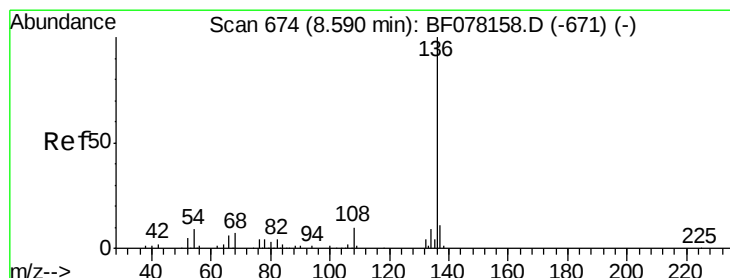
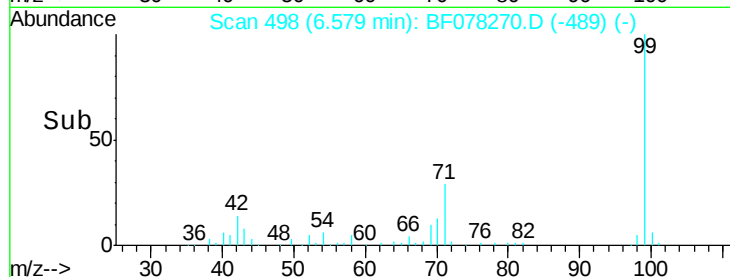
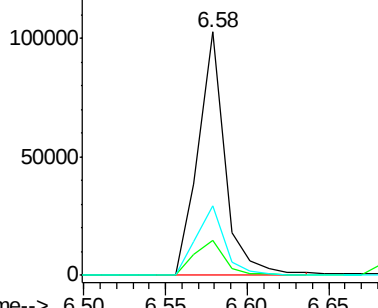
71 28.5 26.6 39.8



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: 8.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF078270.D

Acq: 6 Apr 2015 21:34

Tgt Ion: 136 Resp: 182206

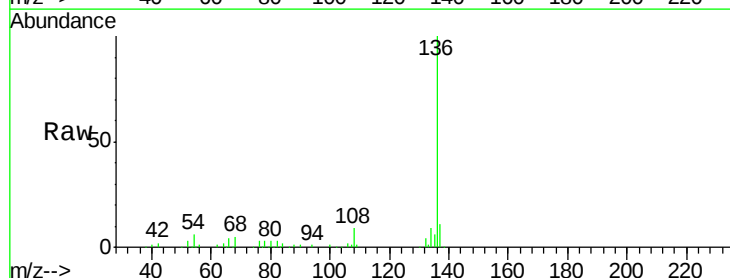
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 5.9 7.0 10.6#

68 5.1 5.4 8.2#

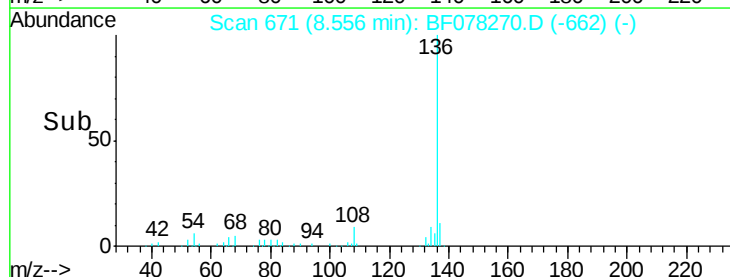
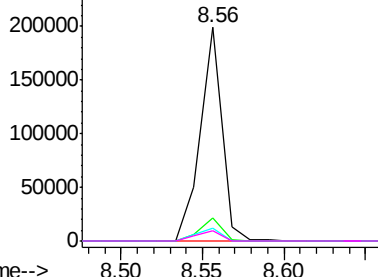


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.93 ng

RT: 7.68 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF078270.D

Acq: 6 Apr 2015 21:34

Instrument :

BNA_F

ClientSampleId :

LS-SW03

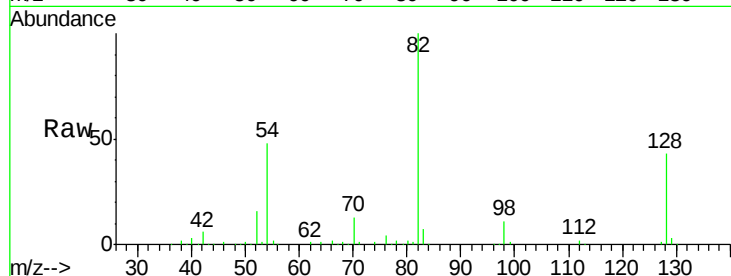
Tot Ion: 82 Resp: 246281

Ion Ratio Lower Upper

82 100

128 43.2 31.8 47.8

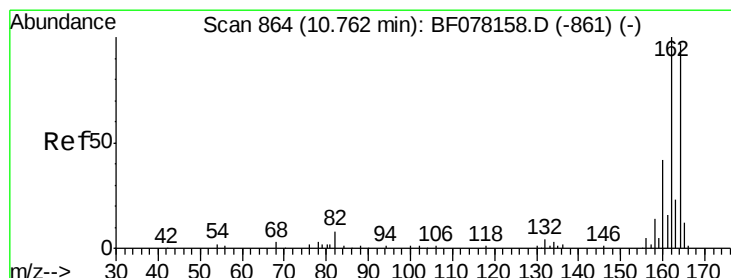
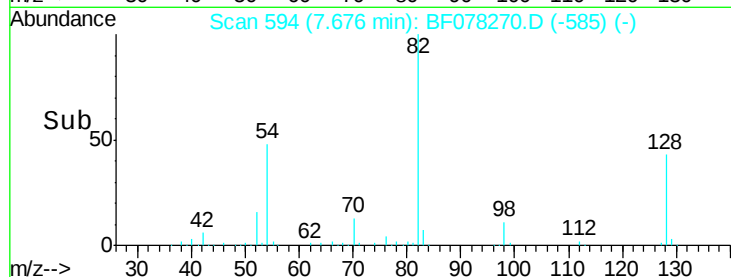
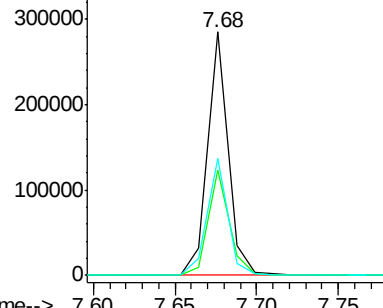
54 48.0 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078158.D (-594) (-)

Ion 128.00 (127.70 to 128.70): BF078158.D (-594) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-594) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.72 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF078270.D

Acq: 6 Apr 2015 21:34

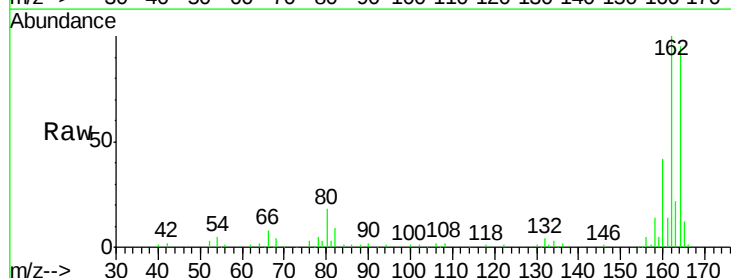
Tgt Ion:164 Resp: 91279

Ion Ratio Lower Upper

164 100

162 104.8 82.2 123.2

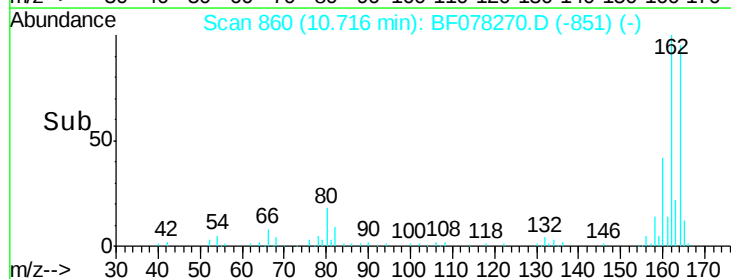
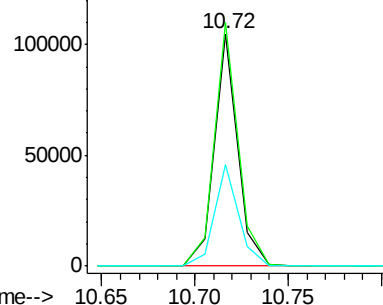
160 43.8 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BF078158.D (-861) (-)

Ion 162.00 (161.70 to 162.70): BF078158.D (-861) (-)

Ion 160.00 (159.70 to 160.70): BF078158.D (-861) (-)

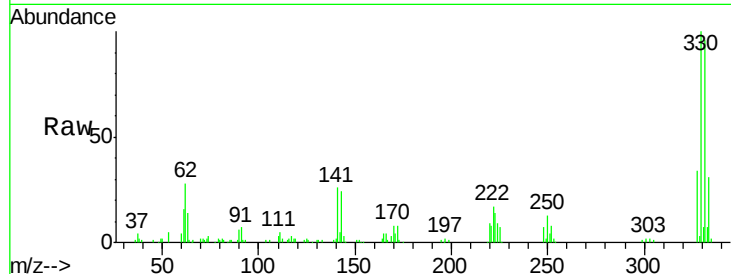




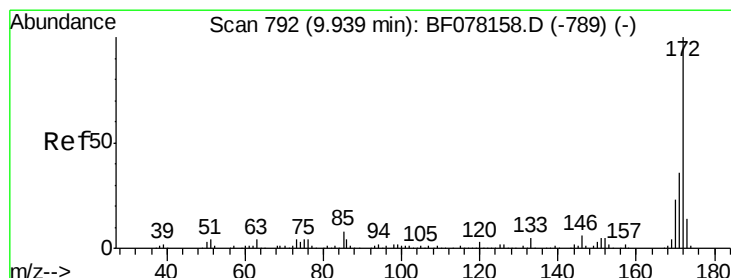
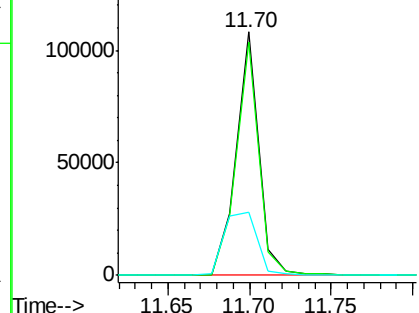
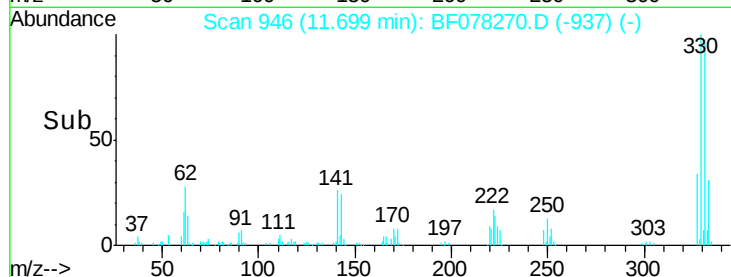
#41
 2,4,6-Tribromophenol
 Concen: 137.07 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078270.D
 Acq: 6 Apr 2015 21:34

Instrument :
 BNA_F
 ClientSampleId :
 LS-SW03

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.6	117.8
141	37.8	31.2	46.8

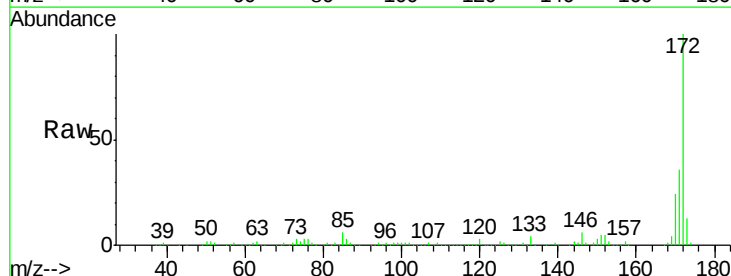


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

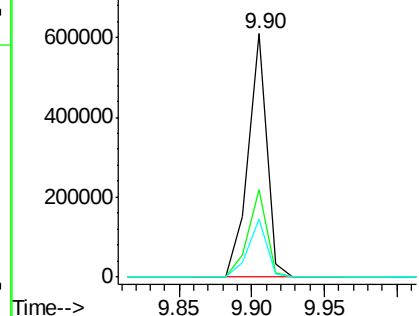
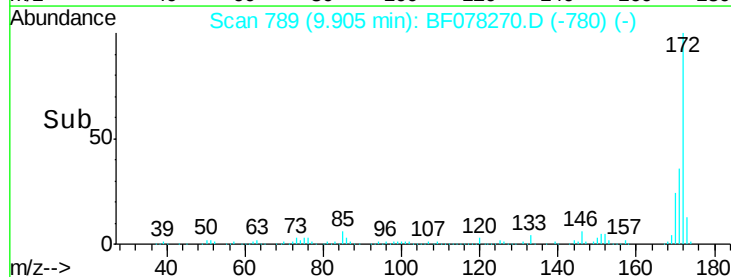


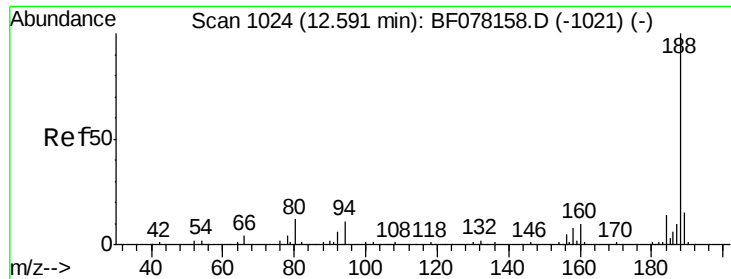
#44
 2-Fluorobiphenyl
 Concen: 86.13 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078270.D
 Acq: 6 Apr 2015 21:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.7	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

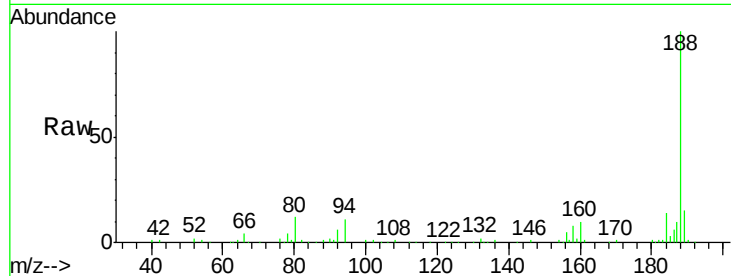




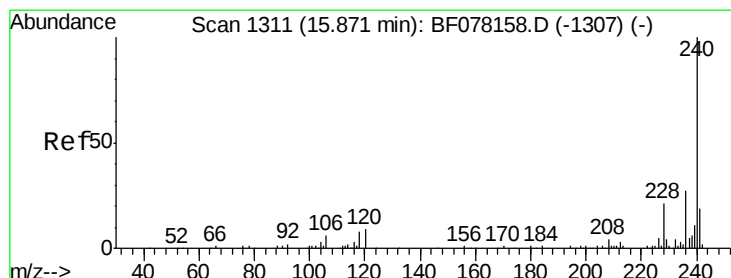
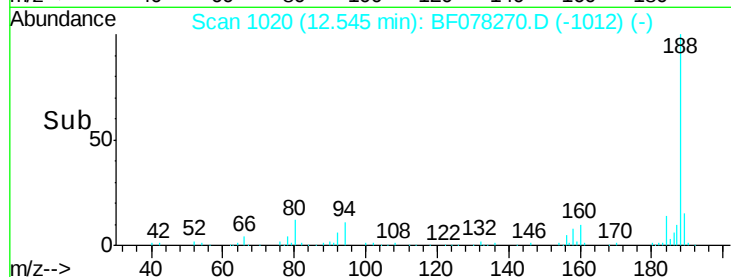
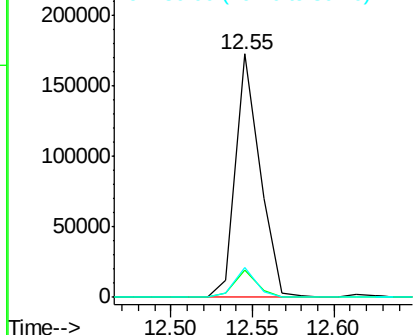
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078270.D
Acq: 6 Apr 2015 21:34

Instrument :
BNA_F
ClientSampleId :
LS-SW03

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.0	13.4
80	12.2	9.5	14.3

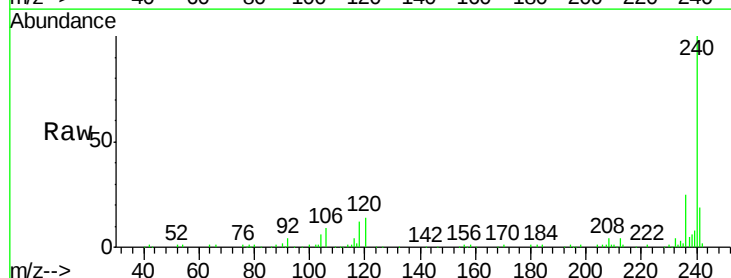


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

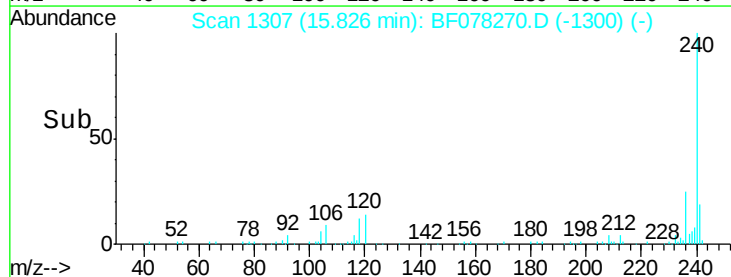
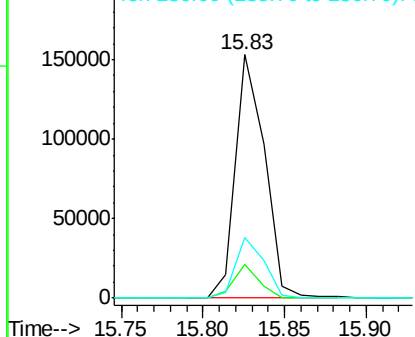


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF078270.D
Acq: 6 Apr 2015 21:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.0	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

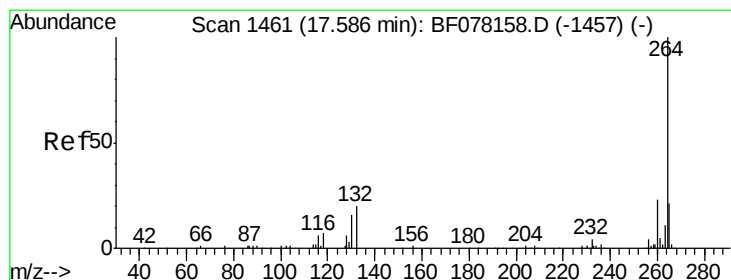
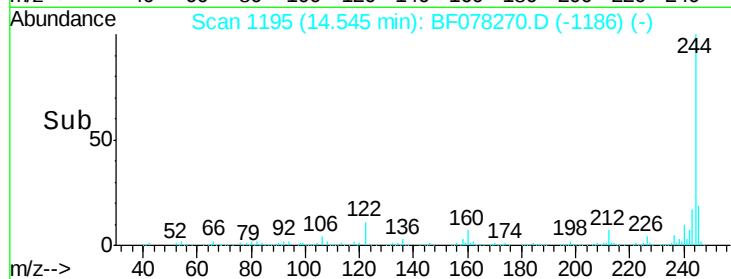
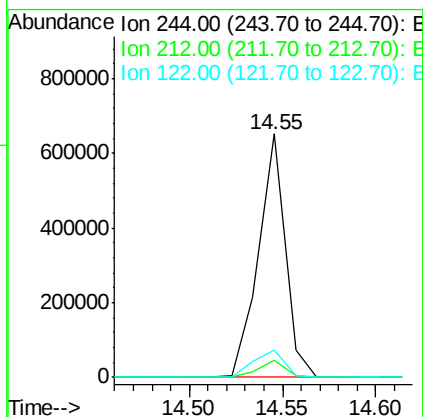
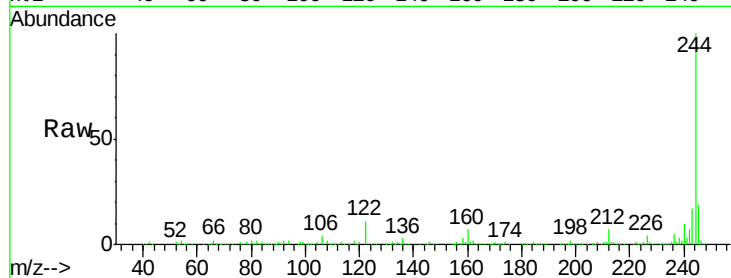




#78
 Terphenyl-d14
 Concen: 77.22 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF078270.D
 Acq: 6 Apr 2015 21:34

Instrument :
 BNA_F
 ClientSampleId :
 LS-SW03

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.0	7.4
122	11.2	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.62 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF078270.D
 Acq: 6 Apr 2015 21:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	20.8	17.0	25.6

