

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078293.D
 Acq On : 7 Apr 2015 9:54
 Operator : TP/IZ
 Sample : G1779-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(6-8)

Quant Time: Apr 07 13:03:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 14:42:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	38349	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	164022	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	83012	20.00	ng	-0.01
63) Phenanthrene-d10	12.55	188	157575	20.00	ng	-0.01
75) Chrysene-d12	15.81	240	170094	20.00	ng	-0.02
86) Perylene-d12	17.54	264	170434	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	218943	94.13	ng	-0.01
7) Phenol-d6	6.58	99	279511	95.89	ng	0.01
23) Nitrobenzene-d5	7.68	82	162740	60.14	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	66987	97.30	ng	-0.01
44) 2-Fluorobiphenyl	9.90	172	321973	55.44	ng	0.00
78) Terphenyl-d14	14.53	244	338202	44.93	ng	-0.02

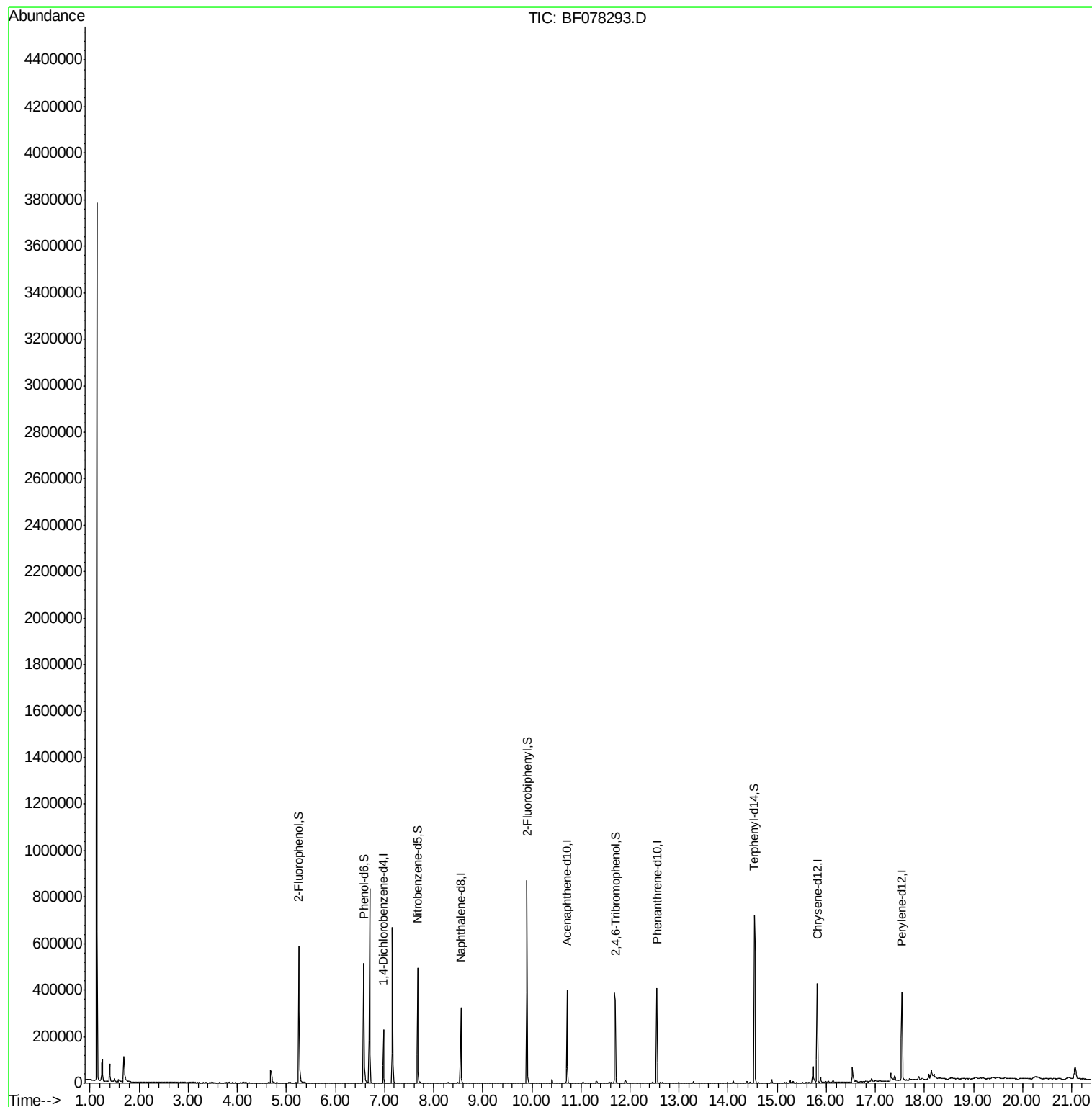
Target Compounds Qvalue

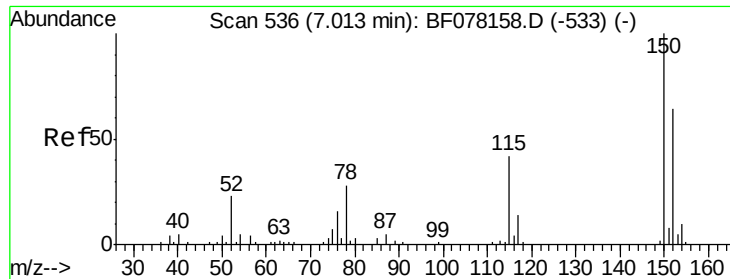
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078293.D

Acq: 7 Apr 2015 9:54

Instrument :

BNA_F

ClientSampleId :

SB-4(6-8)

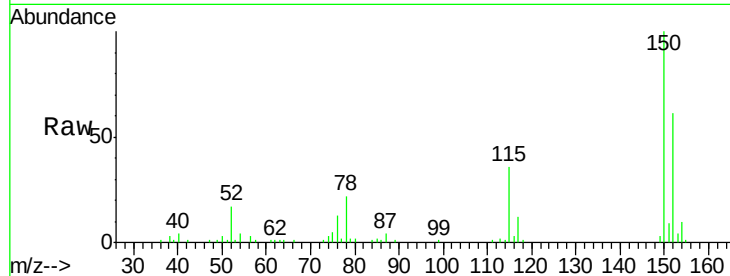
Tot Ion:152 Resp: 38349

Ion Ratio Lower Upper

152 100

150 163.3 125.9 188.9

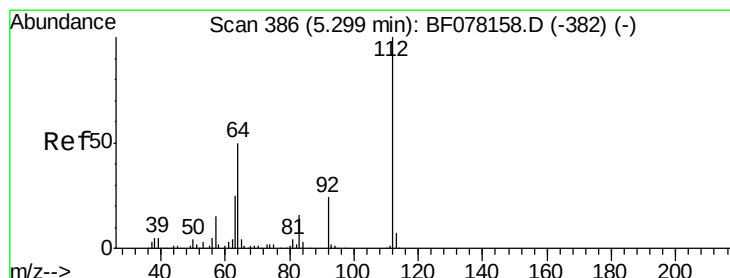
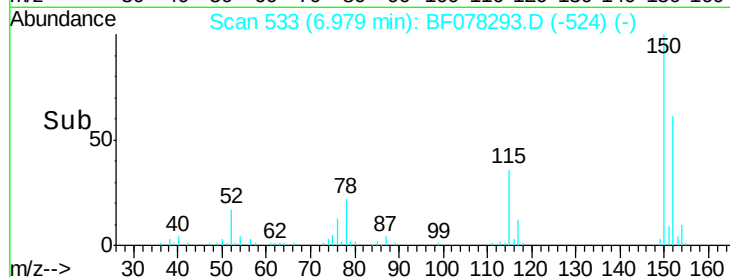
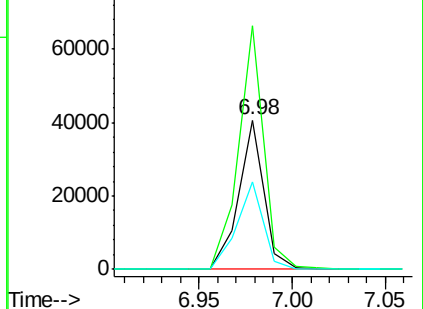
115 58.7 52.7 79.1



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: 94.13 ng

RT: 5.25 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF078293.D

Acq: 7 Apr 2015 9:54

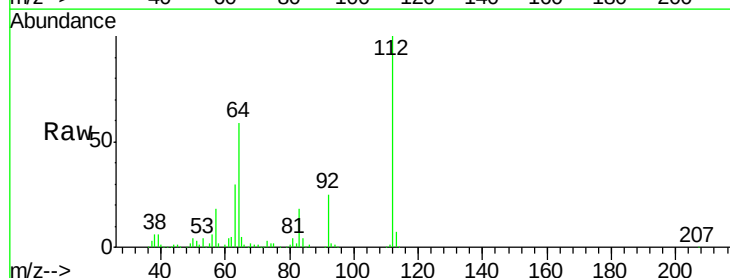
Tgt Ion:112 Resp: 218943

Ion Ratio Lower Upper

112 100

64 58.9 39.9 59.9

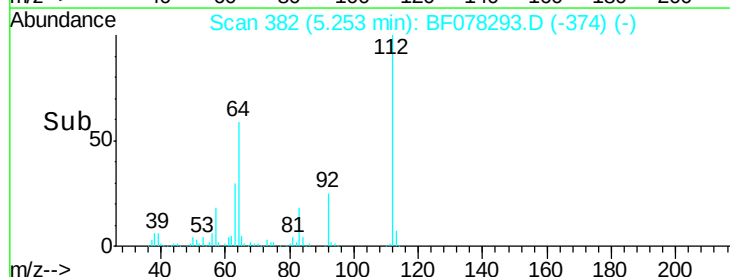
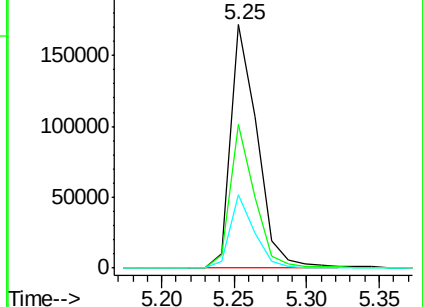
63 30.3 20.2 30.4

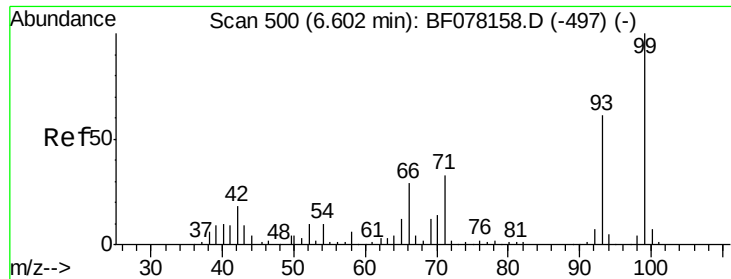


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.89 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF078293.D

Acq: 7 Apr 2015 9:54

Instrument :

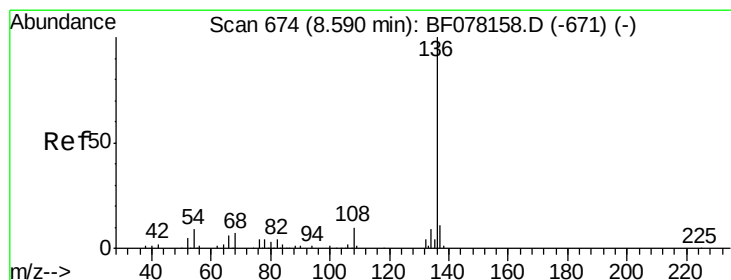
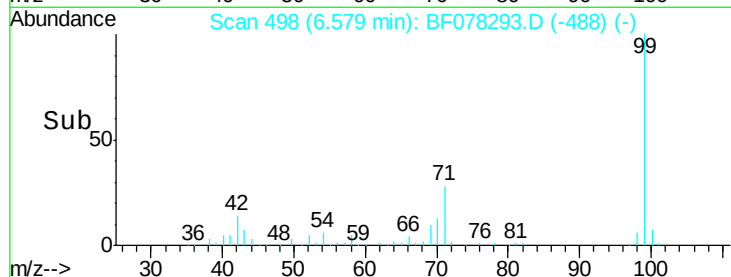
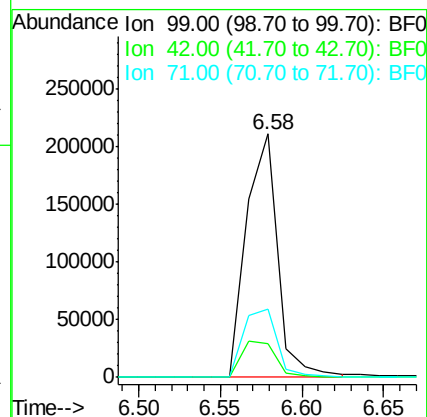
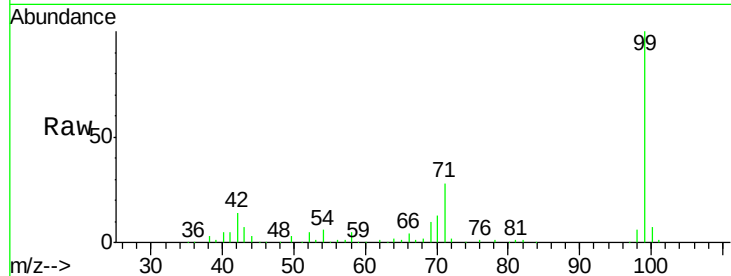
BNA_F

ClientSampleId :

SB-4(6-8)

Tot Ion: 99 Resp: 279511

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.8	22.2#
71	28.3	26.6	39.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

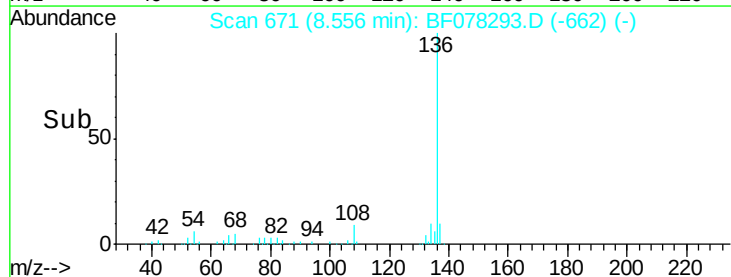
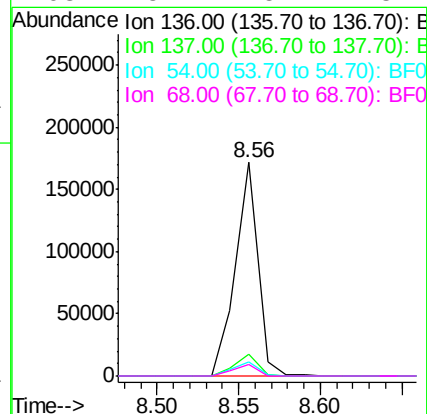
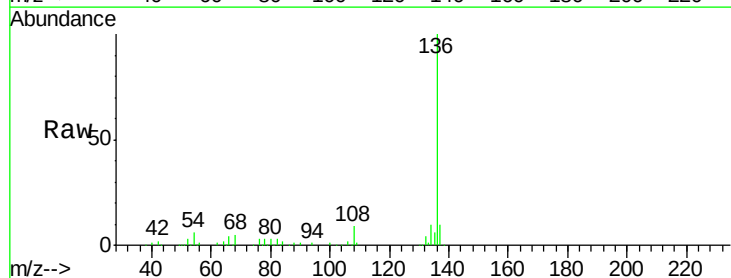
Delta R.T. -0.00 min

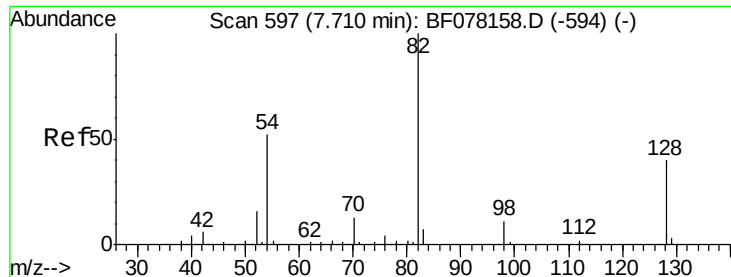
Lab File: BF078293.D

Acq: 7 Apr 2015 9:54

Tgt Ion: 136 Resp: 164022

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.5	7.0	10.6#
68	5.2	5.4	8.2#





#23

Nitrobenzene-d5

Concen: 60.14 ng

RT: 7.68 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF078293.D

Acq: 7 Apr 2015 9:54

Instrument :

BNA_F

ClientSampled :

SB-4(6-8)

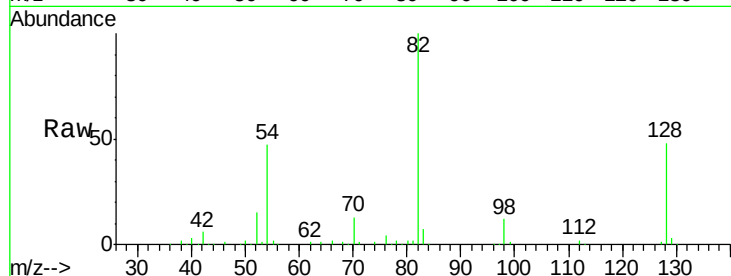
Tot Ion: 82 Resp: 162740

Ion Ratio Lower Upper

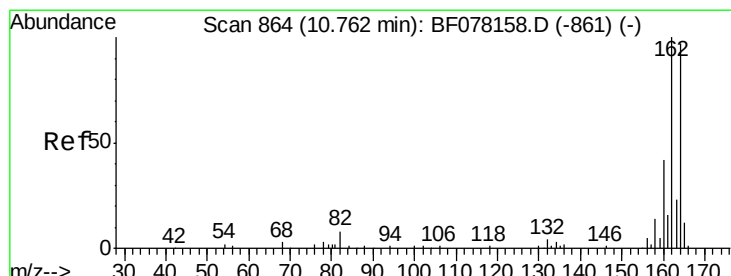
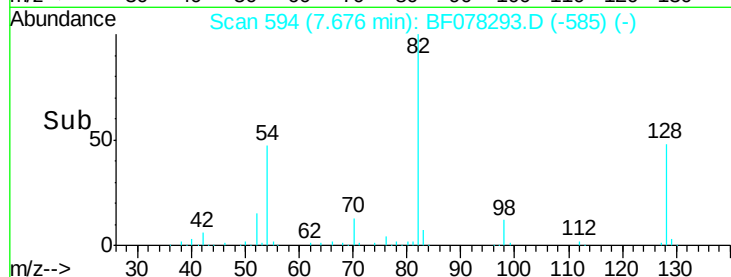
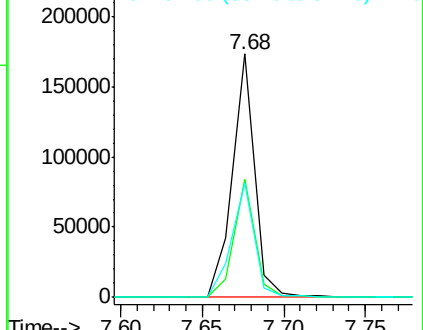
82 100

128 48.4 31.8 47.8#

54 46.7 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: 10.72 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF078293.D

Acq: 7 Apr 2015 9:54

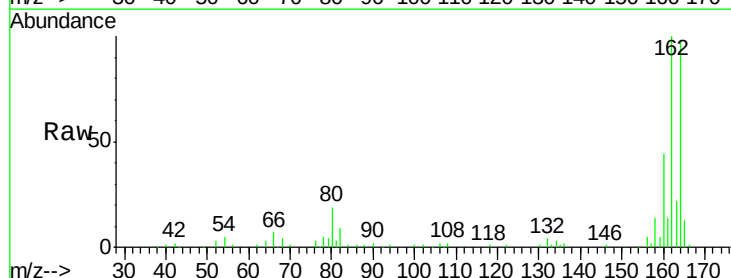
Tgt Ion:164 Resp: 83012

Ion Ratio Lower Upper

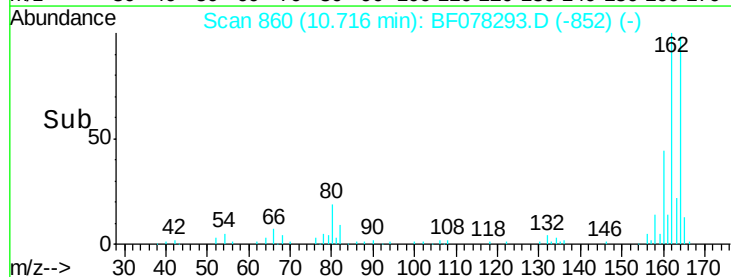
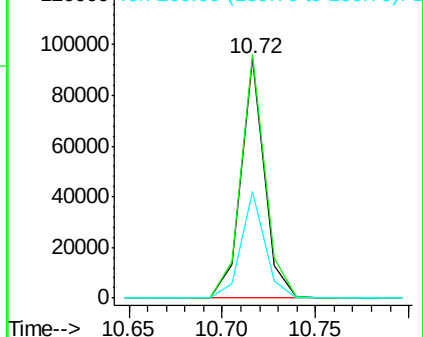
164 100

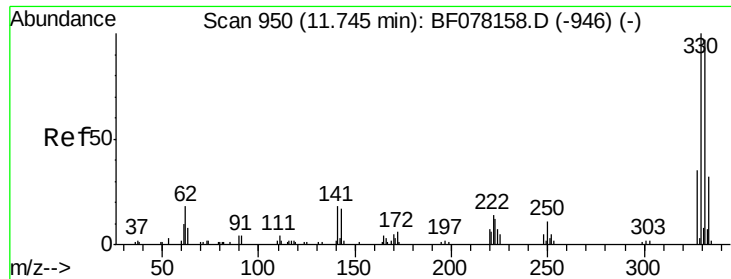
162 101.8 82.2 123.2

160 44.6 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

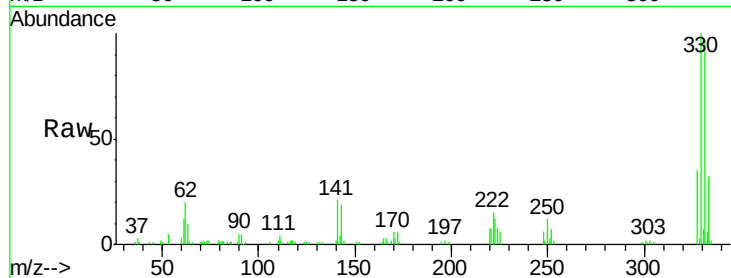




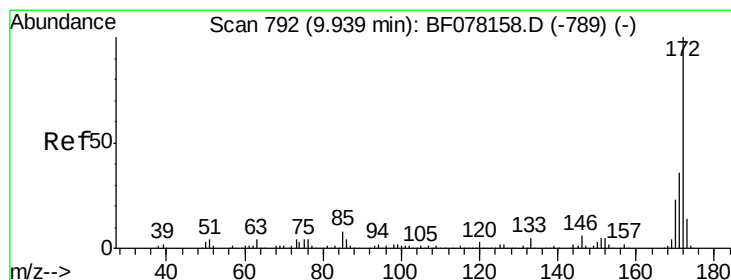
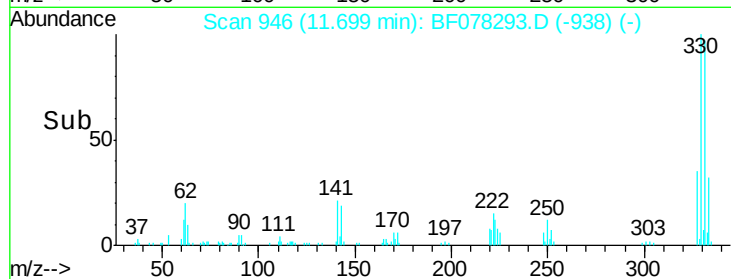
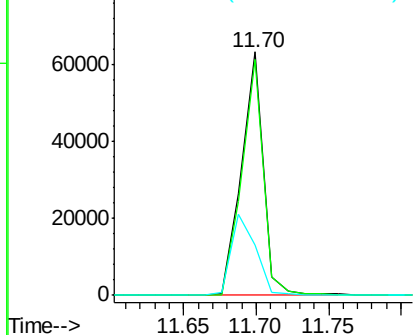
#41
 2,4,6-Tribromophenol
 Concen: 97.30 ng
 RT: 11.70 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF078293.D
 Acq: 7 Apr 2015 9:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(6-8)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	78.6	117.8
141	37.4	31.2	46.8

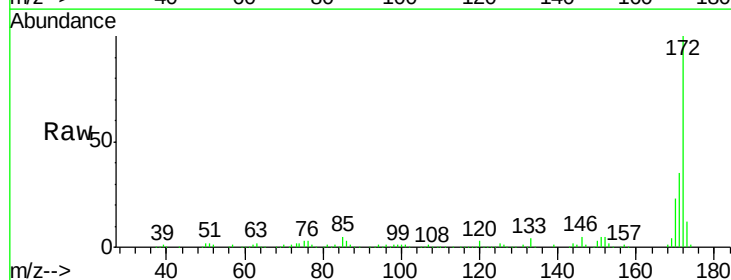


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

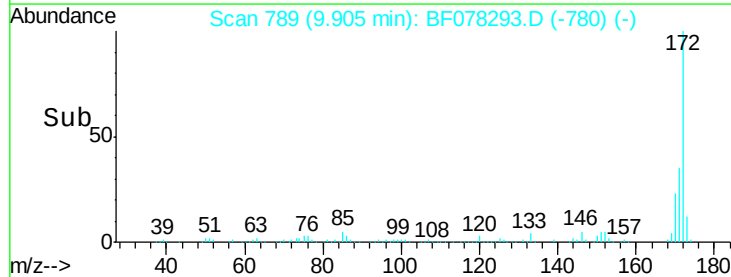
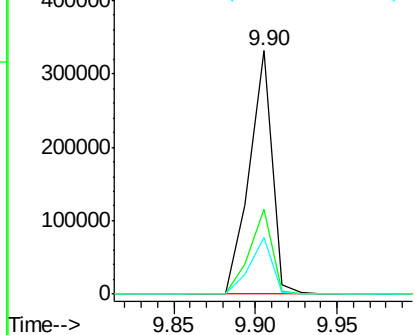


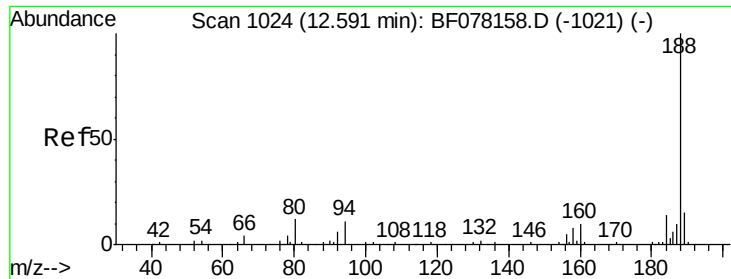
#44
 2-Fluorobiphenyl
 Concen: 55.44 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078293.D
 Acq: 7 Apr 2015 9:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.1	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

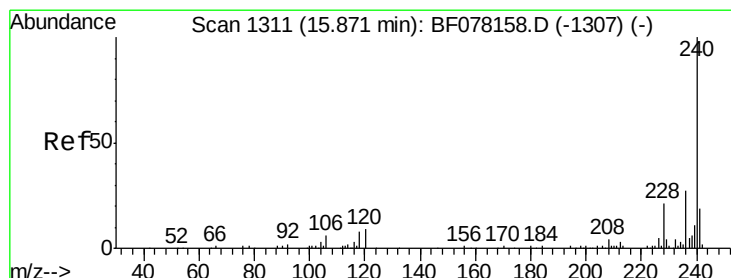
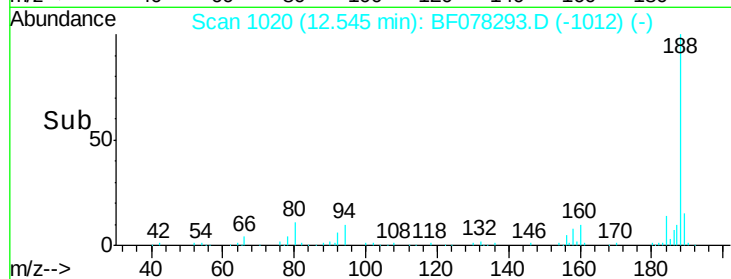
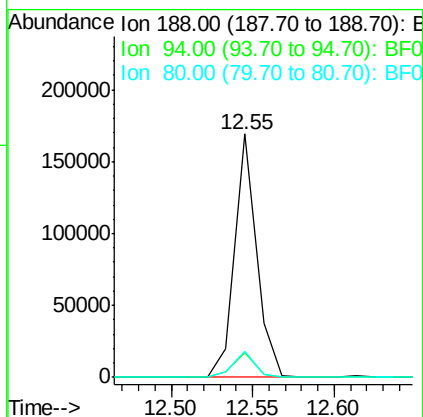
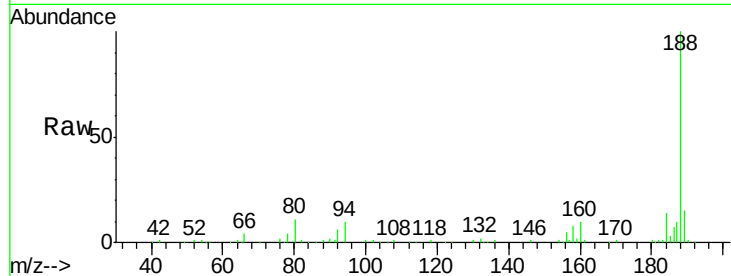




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078293.D
Acq: 7 Apr 2015 9:54

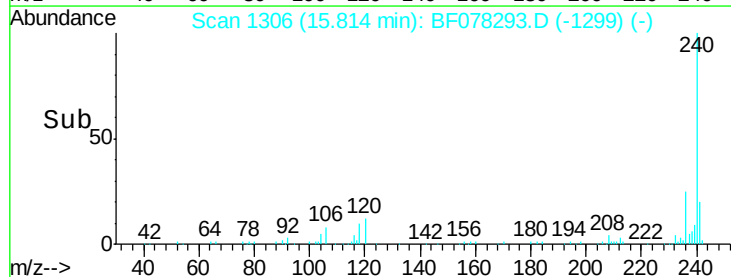
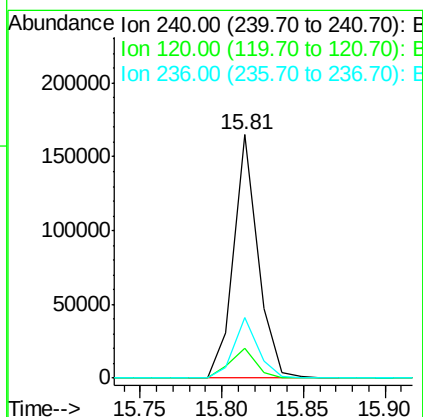
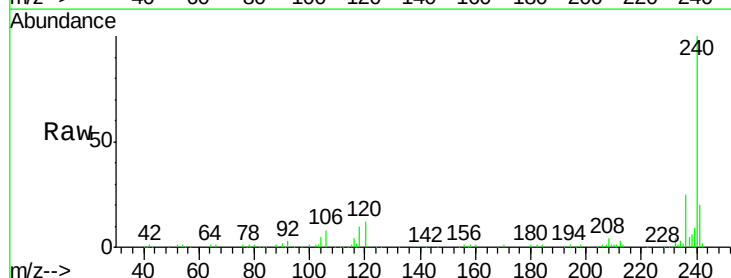
Instrument :
BNA_F
ClientSampleId :
SB-4(6-8)

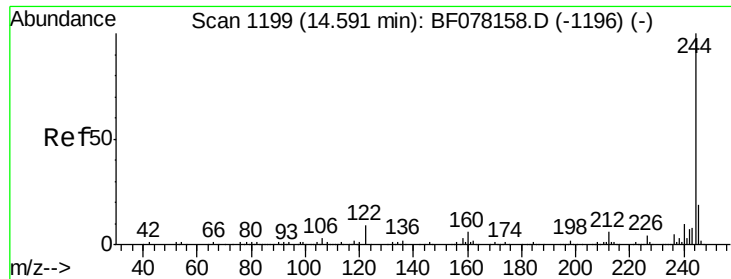
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.0	13.4
80	10.7	9.5	14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF078293.D
Acq: 7 Apr 2015 9:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	7.1	10.7#
236	24.9	21.4	32.2

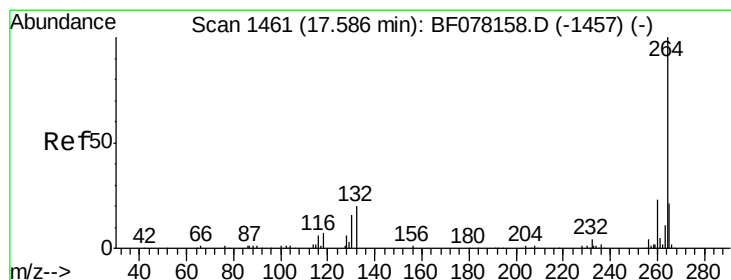
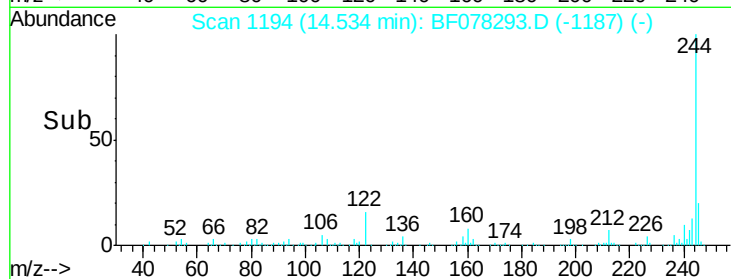
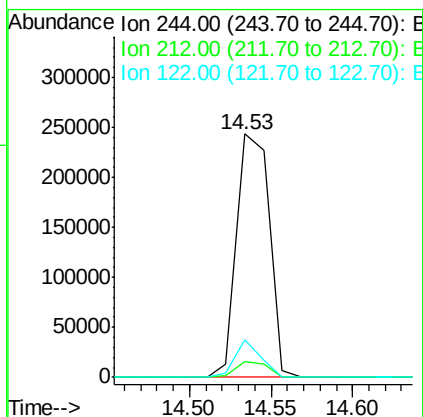
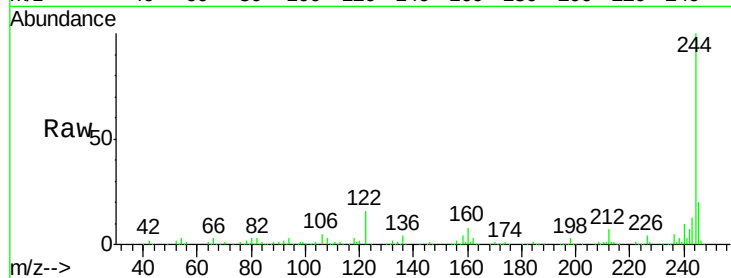




#78
 Terphenyl-d14
 Concen: 44.93 ng
 RT: 14.53 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF078293.D
 Acq: 7 Apr 2015 9:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(6-8)

Tot Ion:244 Resp: 338202
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 15.6 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF078293.D
 Acq: 7 Apr 2015 9:54

Tgt Ion:264 Resp: 170434
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 21.2 17.0 25.6

