

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078292.D
 Acq On : 7 Apr 2015 9:25
 Operator : TP/IZ
 Sample : G1779-07
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

Quant Time: Apr 07 13:01:19 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	44445	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	180701	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	91663	20.00	ng	-0.01
63) Phenanthrene-d10	12.54	188	176519	20.00	ng	-0.01
75) Chrysene-d12	15.81	240	187249	20.00	ng	-0.02
86) Perylene-d12	17.55	264	182659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	290223	107.66	ng	-0.01
7) Phenol-d6	6.58	99	377030	111.60	ng	0.01
23) Nitrobenzene-d5	7.68	82	217250	72.87	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	91535	120.41	ng	-0.01
44) 2-Fluorobiphenyl	9.90	172	457929	71.41	ng	0.00
78) Terphenyl-d14	14.55	244	533533	64.38	ng	-0.01

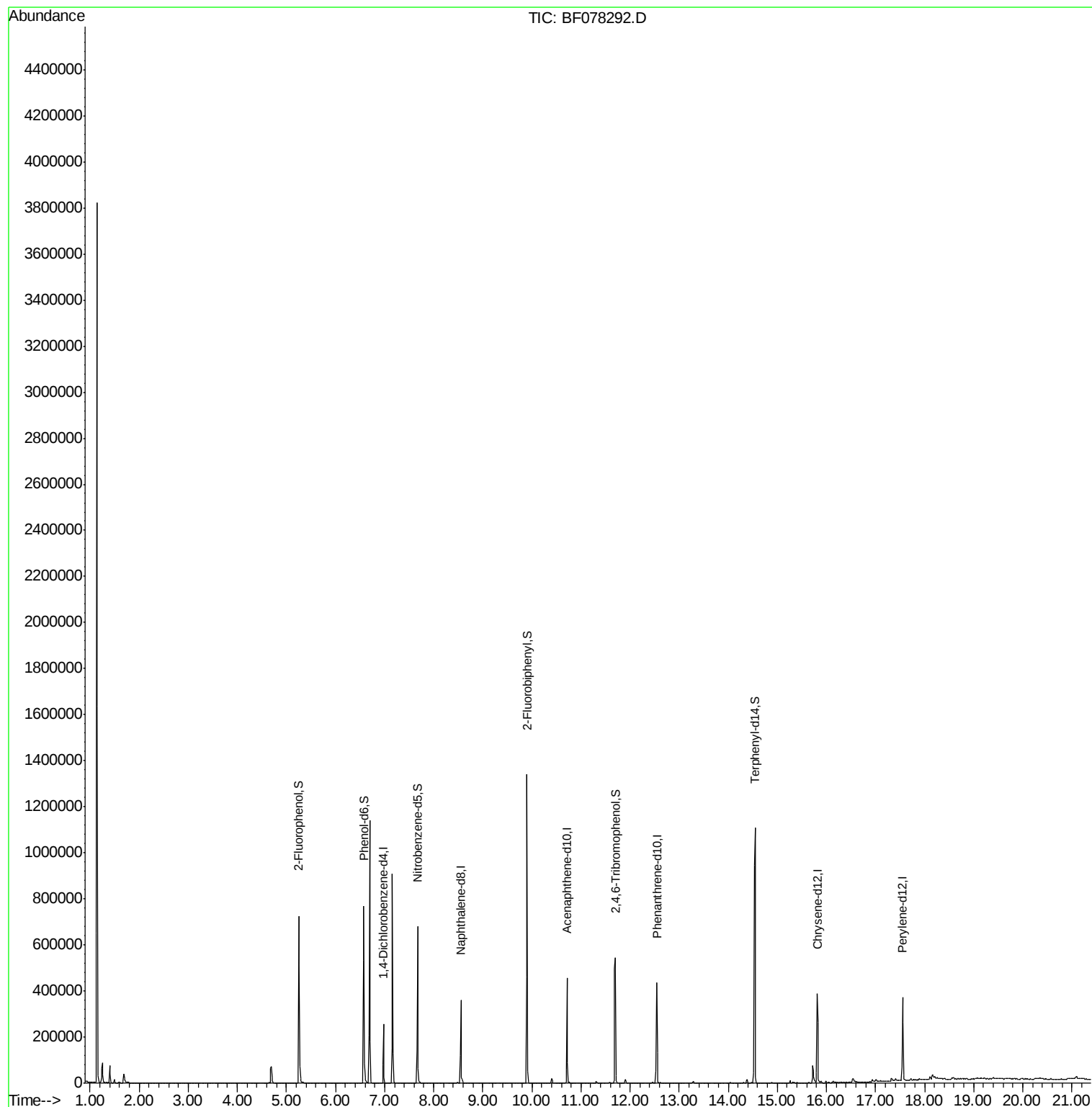
Target Compounds Qvalue

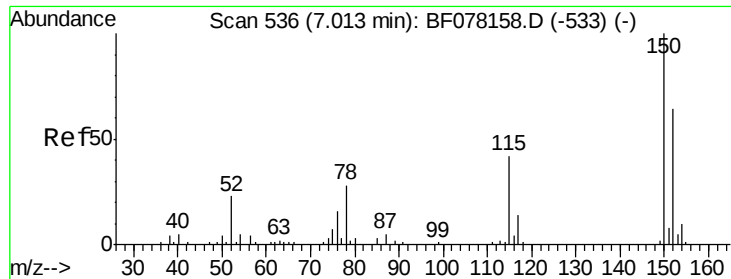
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078292.D

Acq: 7 Apr 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

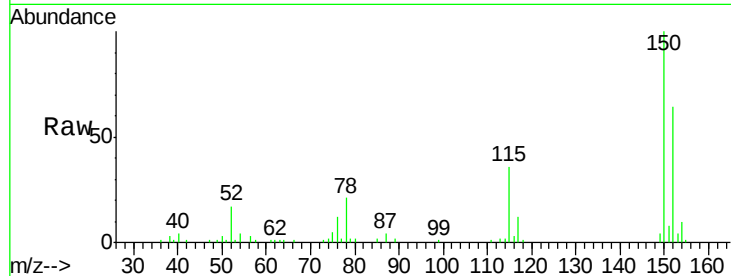
Tot Ion:152 Resp: 44445

Ion Ratio Lower Upper

152 100

150 155.7 125.9 188.9

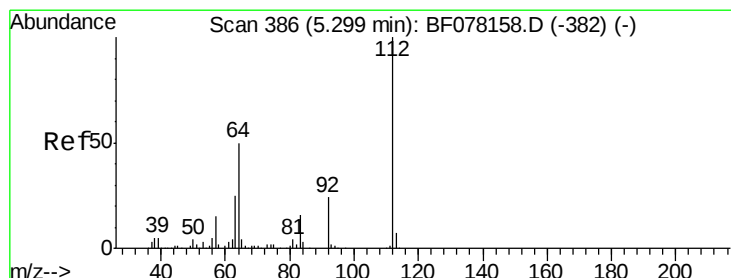
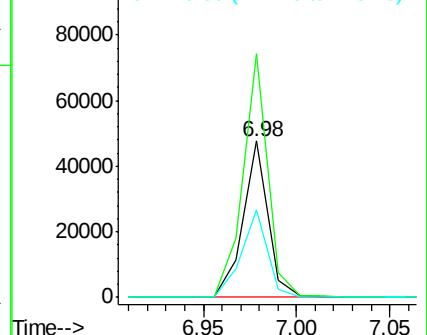
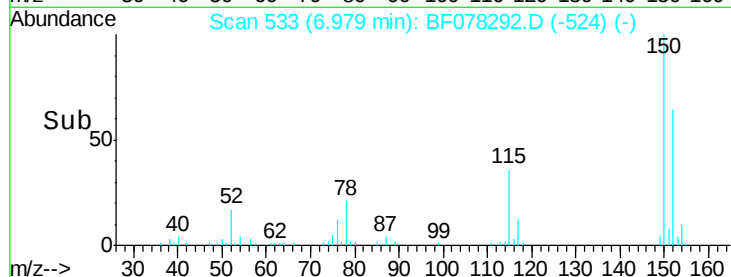
115 55.6 52.7 79.1



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: 107.66 ng

RT: 5.25 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF078292.D

Acq: 7 Apr 2015 9:25

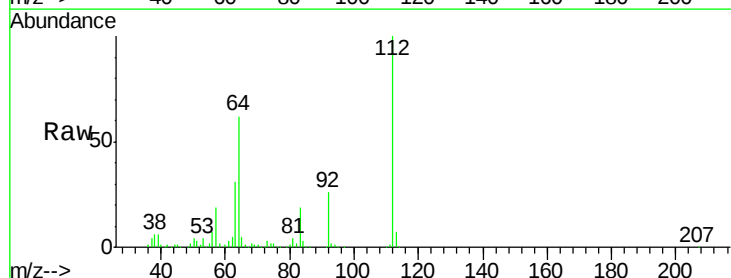
Tgt Ion:112 Resp: 290223

Ion Ratio Lower Upper

112 100

64 62.1 39.9 59.9#

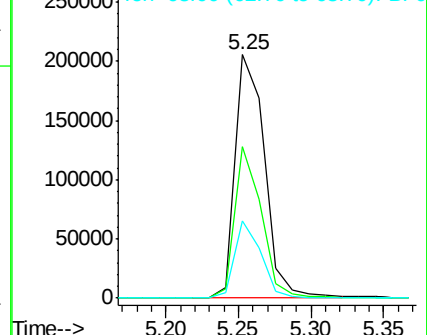
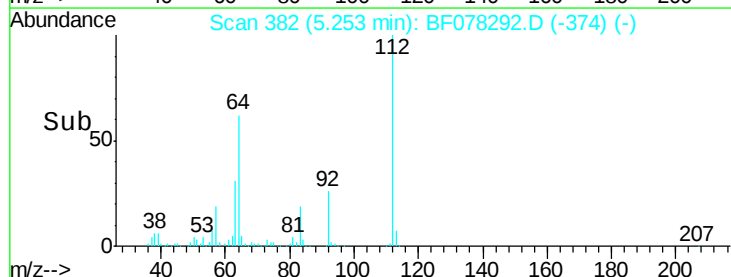
63 31.5 20.2 30.4#

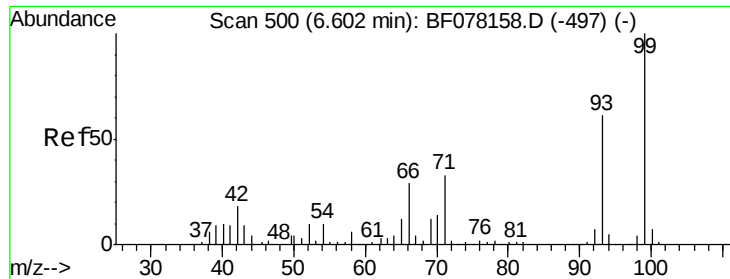


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.60 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF078292.D

Acq: 7 Apr 2015 9:25

Instrument :

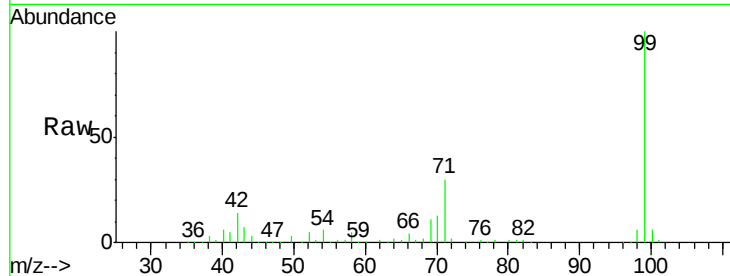
BNA_F

ClientSampleId :

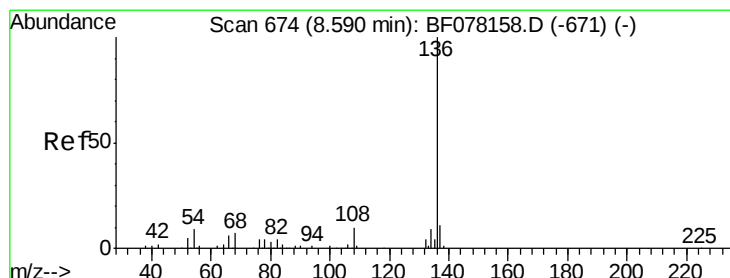
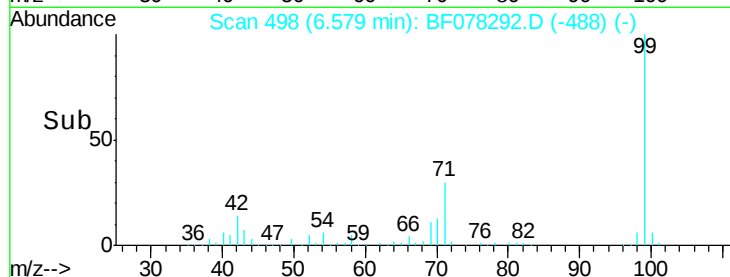
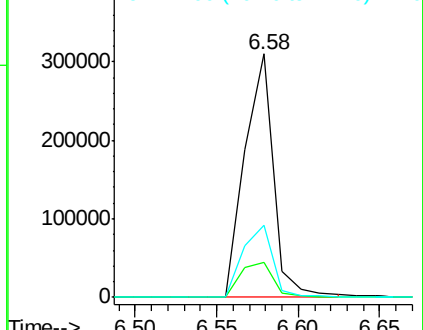
SB-4(0-2)

Tot Ion: 99 Resp: 377030

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.8	22.2#
71	29.7	26.6	39.8



Abundance Ion 99.00 (98.70 to 99.70): BF078158.D (-497) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

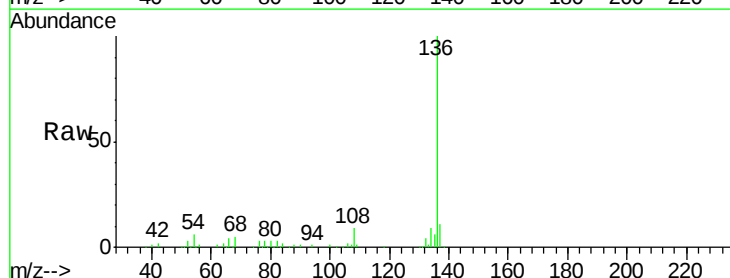
Delta R.T. -0.00 min

Lab File: BF078292.D

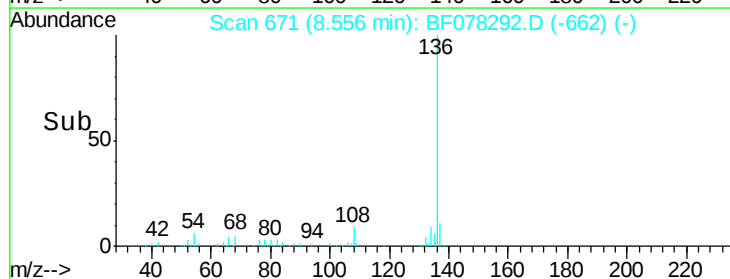
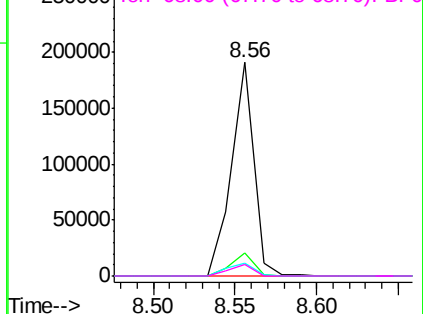
Acq: 7 Apr 2015 9:25

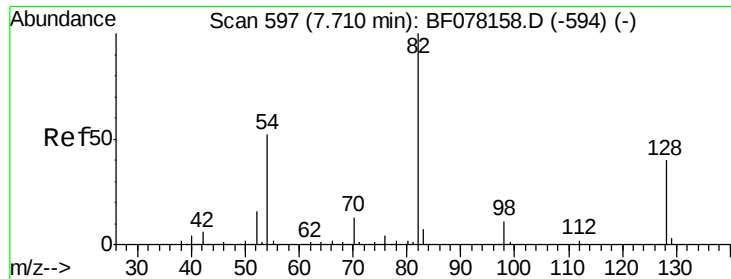
Tgt Ion: 136 Resp: 180701

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.1	7.0	10.6#
68	5.3	5.4	8.2#



Abundance Ion 136.00 (135.70 to 136.70): BF078158.D (-671) (-)

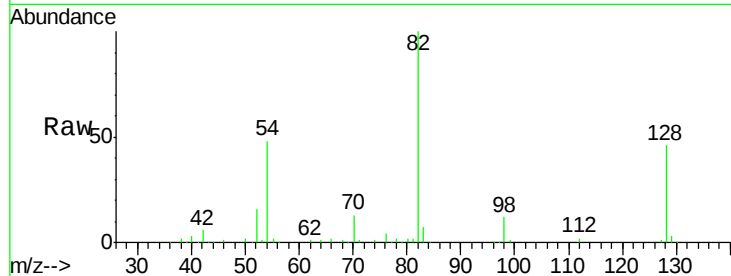




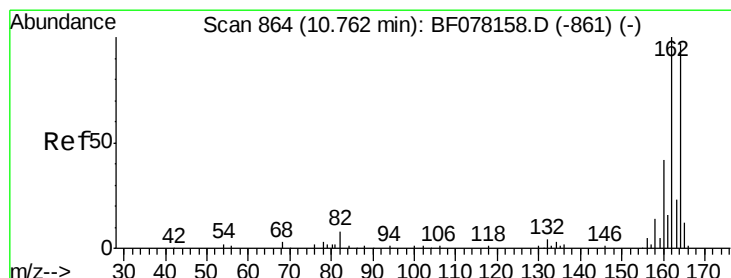
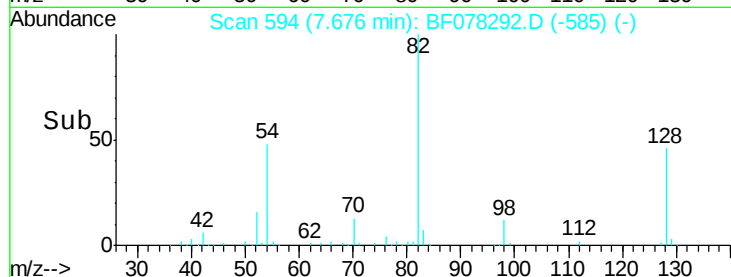
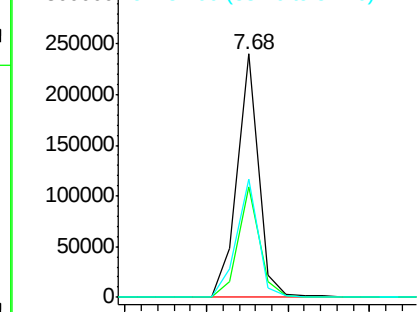
#23
Nitrobenzene-d5
Concen: 72.87 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF078292.D
Acq: 7 Apr 2015 9:25

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

Tot Ion: 82 Resp: 217250
Ion Ratio Lower Upper
82 100
128 45.5 31.8 47.8
54 48.3 41.5 62.3

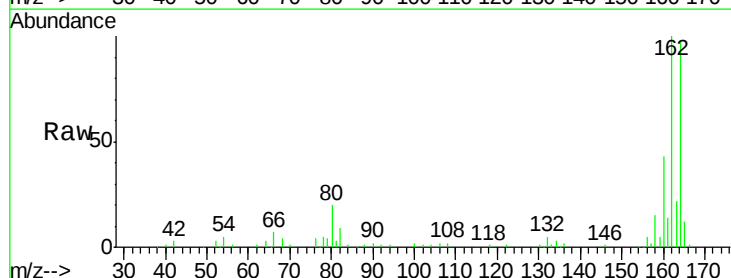


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

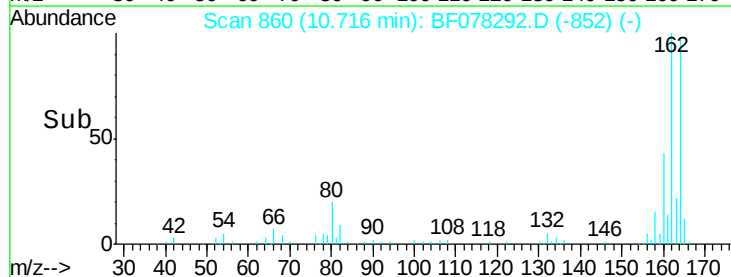
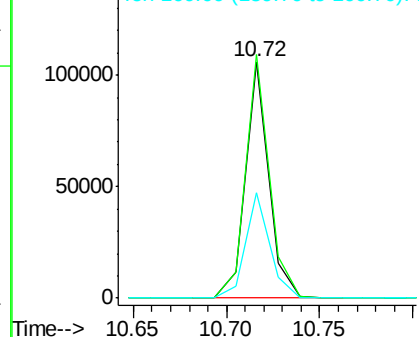


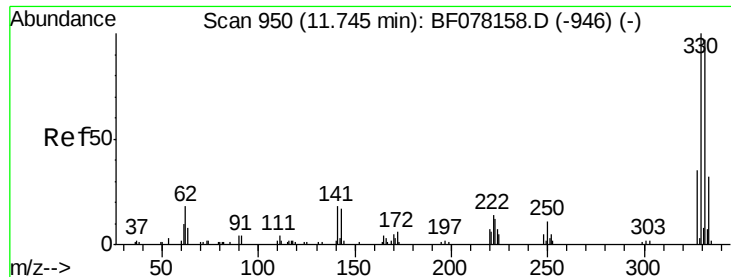
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.72 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF078292.D
Acq: 7 Apr 2015 9:25

Tgt Ion:164 Resp: 91663
Ion Ratio Lower Upper
164 100
162 103.2 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

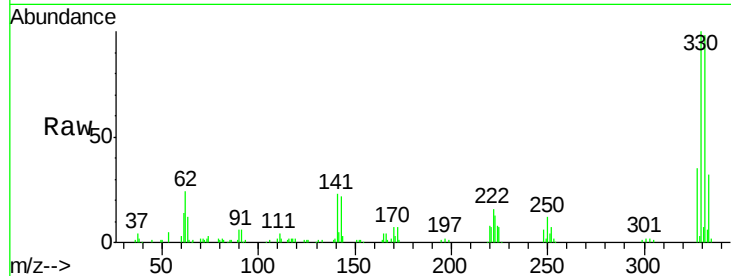




#41
 2,4,6-Tribromophenol
 Concen: 120.41 ng
 RT: 11.70 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF078292.D
 Acq: 7 Apr 2015 9:25

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.6	117.8
141	38.0	31.2	46.8

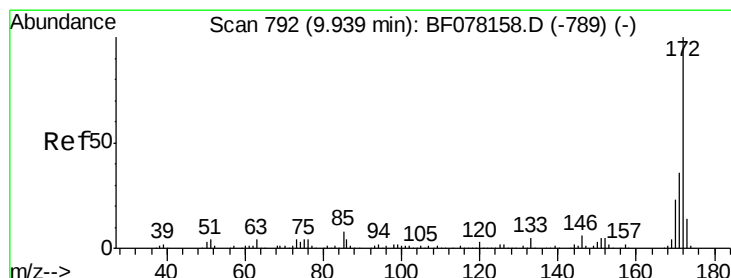
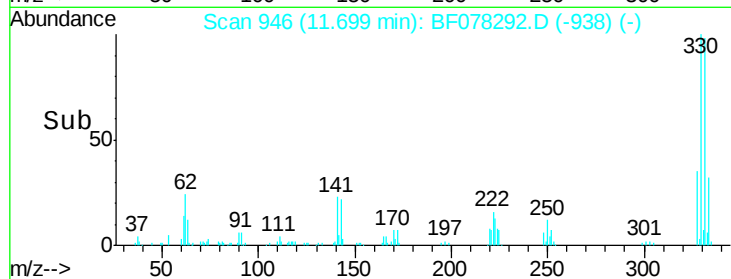
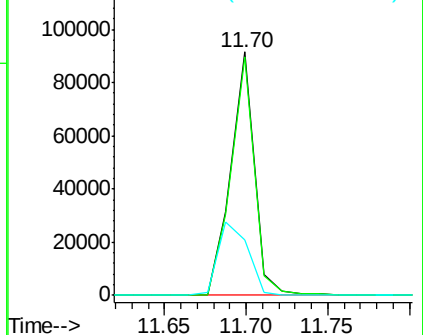


Abundance

Ion 329.80 (329.50 to 330.50): E

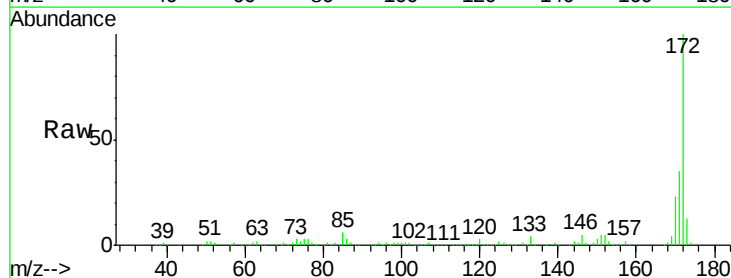
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.41 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078292.D
 Acq: 7 Apr 2015 9:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.4	18.5	27.7

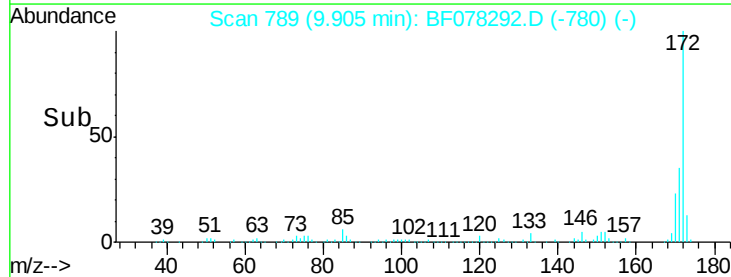
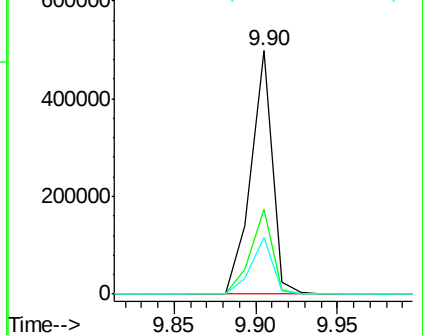


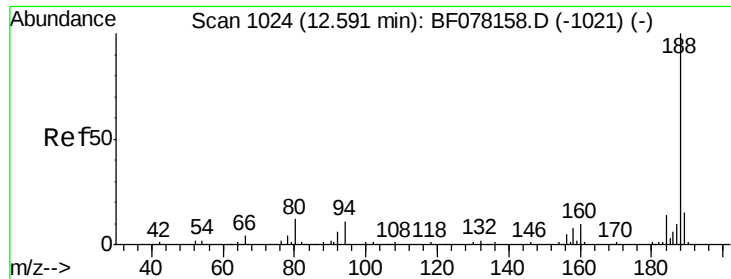
Abundance

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

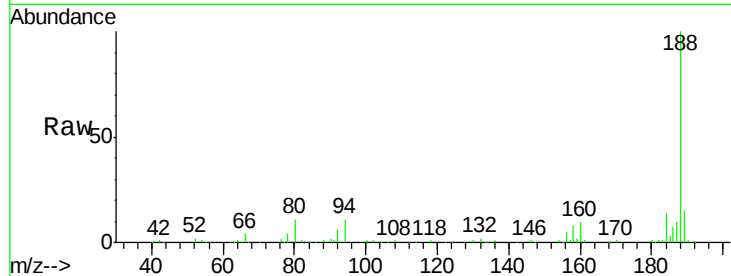




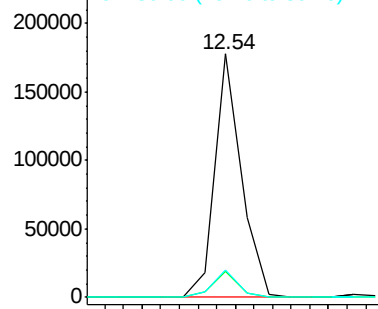
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.54 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078292.D
Acq: 7 Apr 2015 9:25

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)

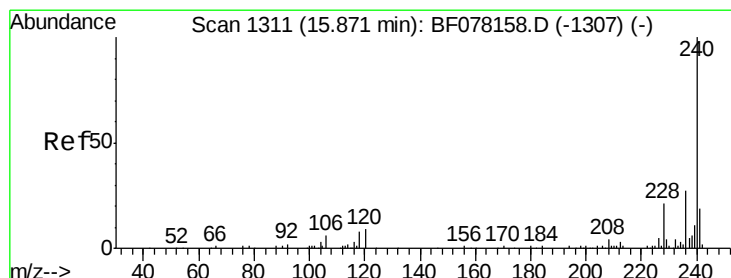
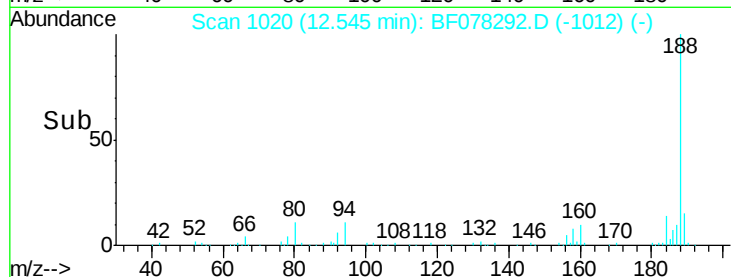
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.4
80	11.4	9.5	14.3



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

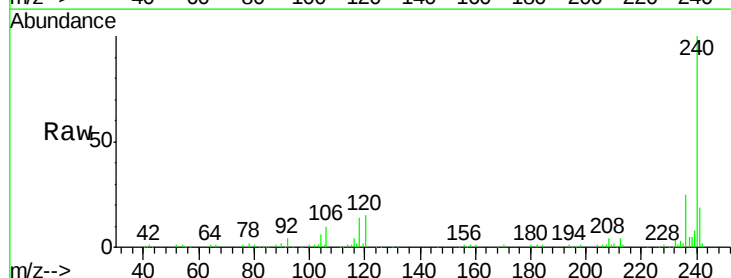


Time-->

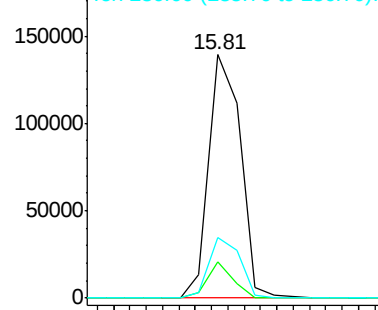


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF078292.D
Acq: 7 Apr 2015 9:25

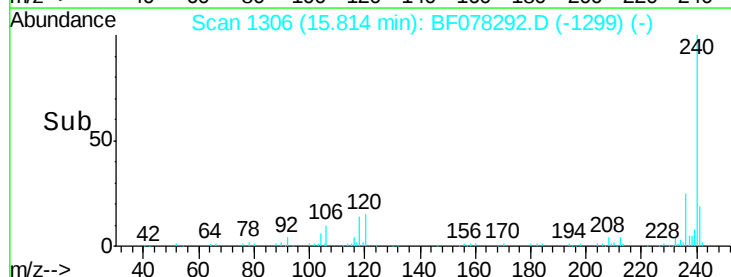
Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	7.1	10.7#
236	25.1	21.4	32.2

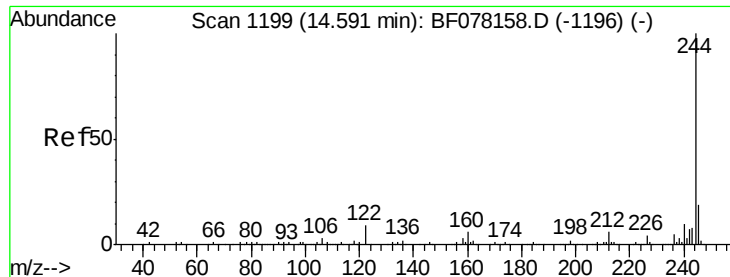


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 64.38 ng

RT: 14.55 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF078292.D

Acq: 7 Apr 2015 9:25

Instrument :

BNA_F

ClientSampleId :

SB-4(0-2)

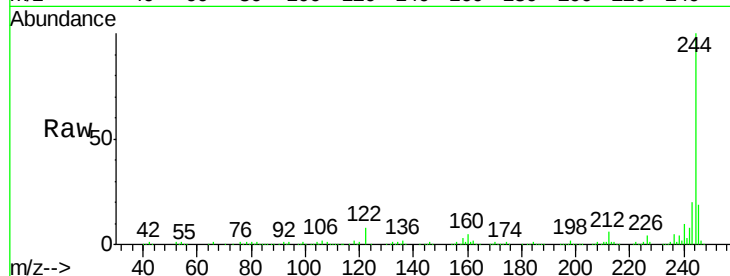
Tot Ion:244 Resp: 533533

Ion Ratio Lower Upper

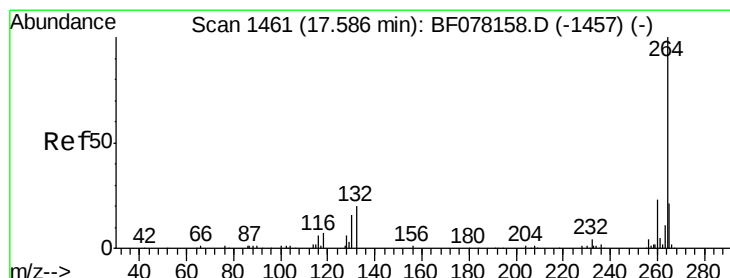
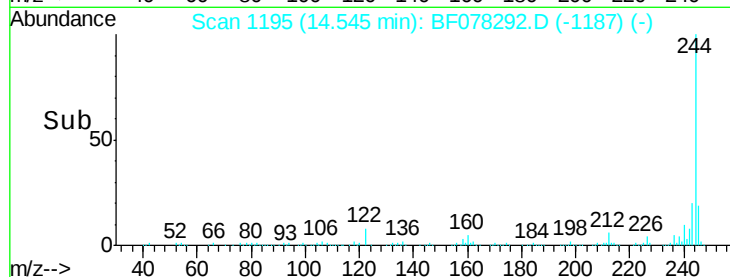
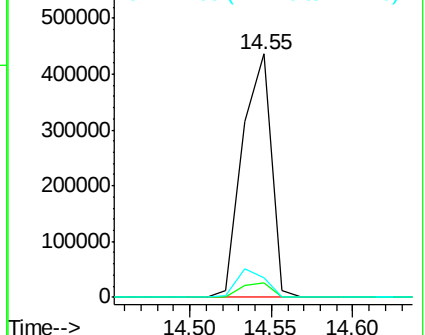
244 100

212 6.1 5.0 7.4

122 7.9 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: 17.55 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BF078292.D

Acq: 7 Apr 2015 9:25

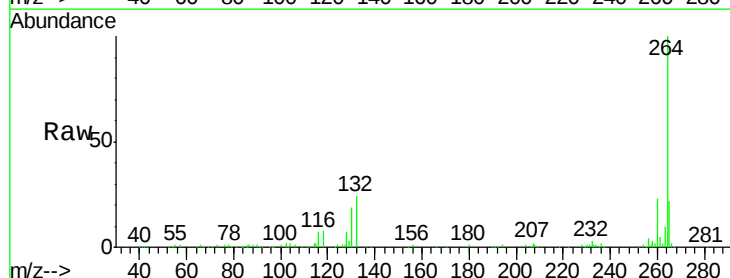
Tgt Ion:264 Resp: 182659

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.6 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

