

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078259.D
 Acq On : 6 Apr 2015 16:19
 Operator : TP/IZ
 Sample : G1710-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-04

Quant Time: Apr 07 01:25:16 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	46595	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	190590	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	98126	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	192629	20.00	ng	-0.01
75) Chrysene-d12	15.83	240	204191	20.00	ng	-0.02
86) Perylene-d12	17.55	264	186218	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	145406	51.45	ng	0.00
7) Phenol-d6	6.58	99	108725	30.70	ng	0.00
23) Nitrobenzene-d5	7.68	82	252899	80.43	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	112019	137.65	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	573958	83.61	ng	0.00
78) Terphenyl-d14	14.55	244	647034	71.60	ng	0.00

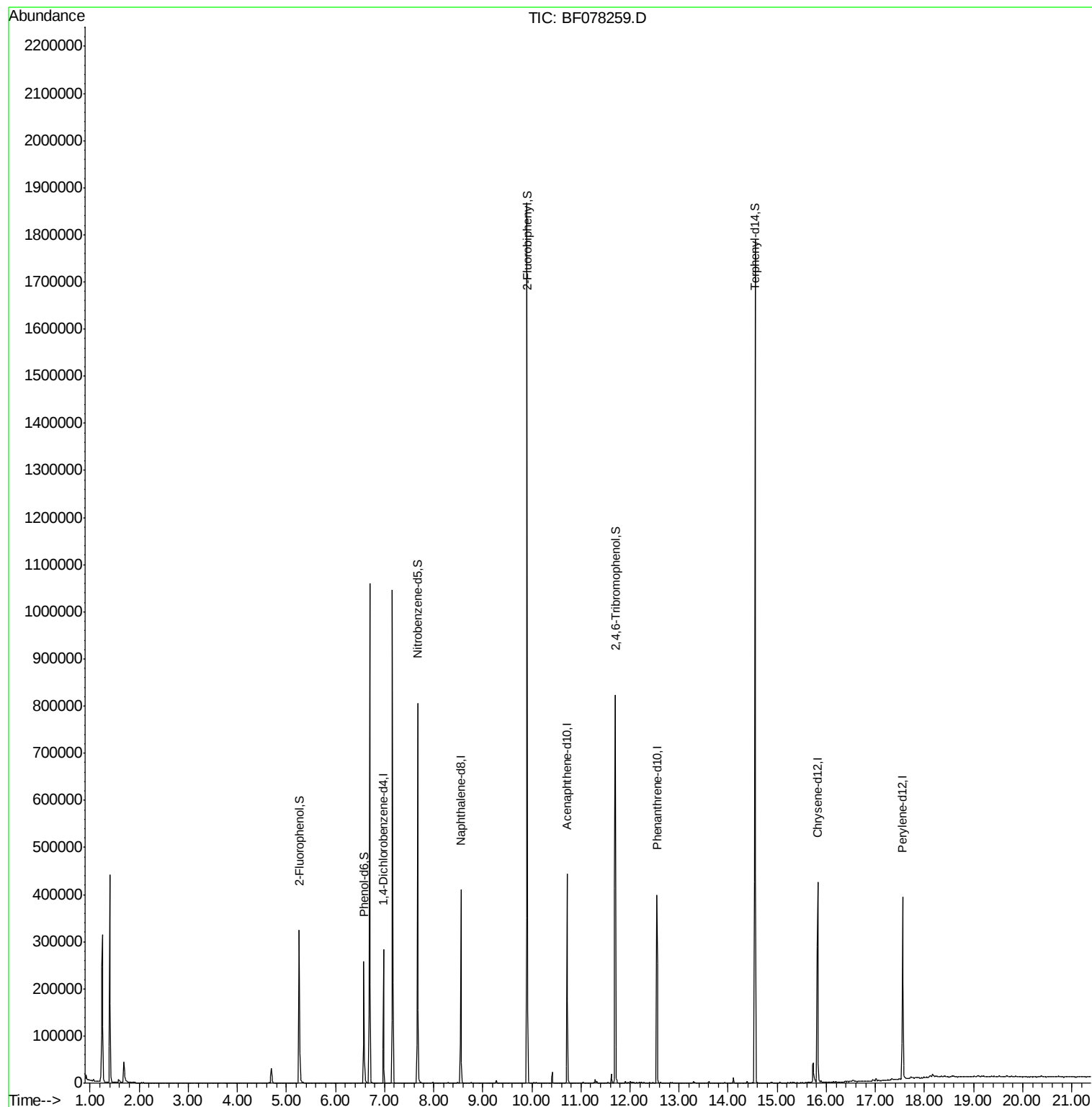
Target Compounds Qvalue

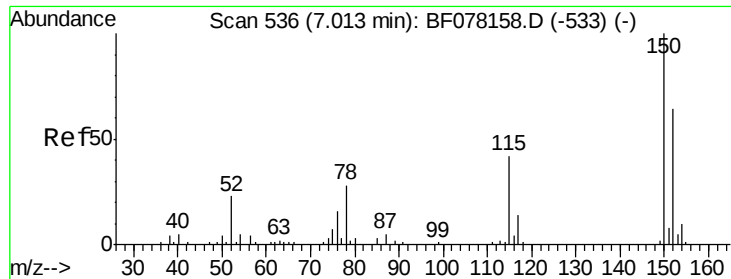
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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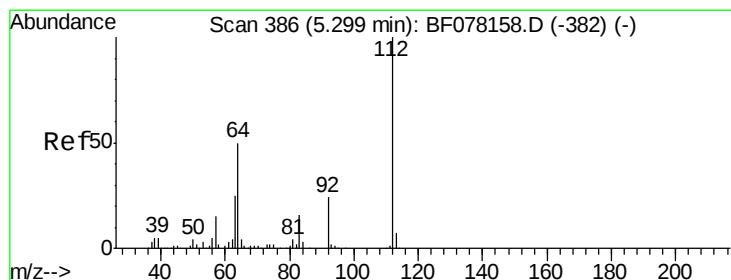
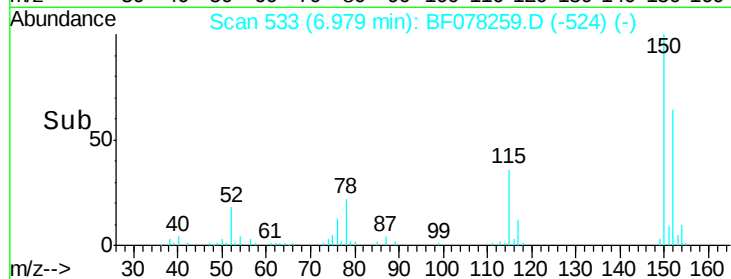
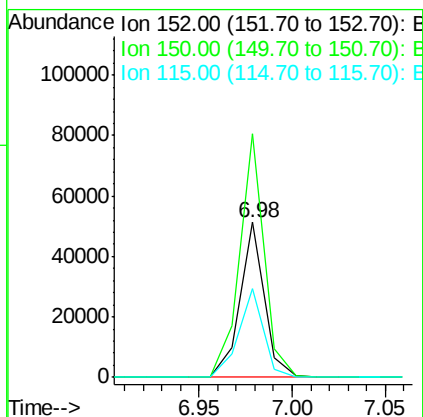
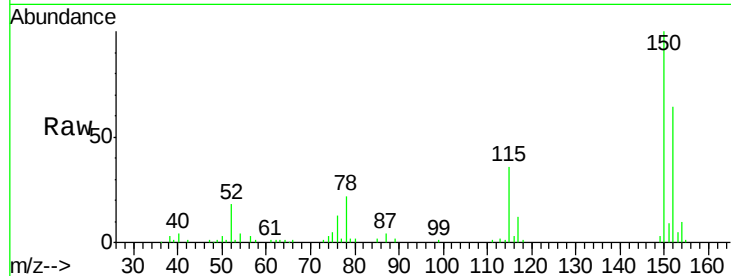


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF078259.D
Acq: 6 Apr 2015 16:19

Instrument :
BNA_F
ClientSampled :
W-04

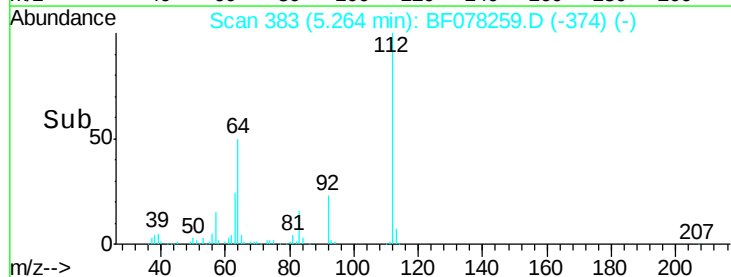
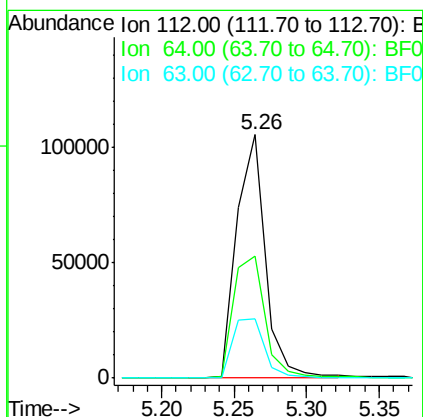
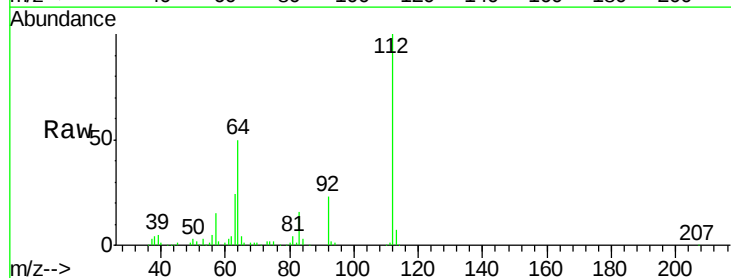
Tot Ion:152 Resp: 46595
Ion Ratio Lower Upper
152 100
150 157.0 125.9 188.9
115 57.1 52.7 79.1

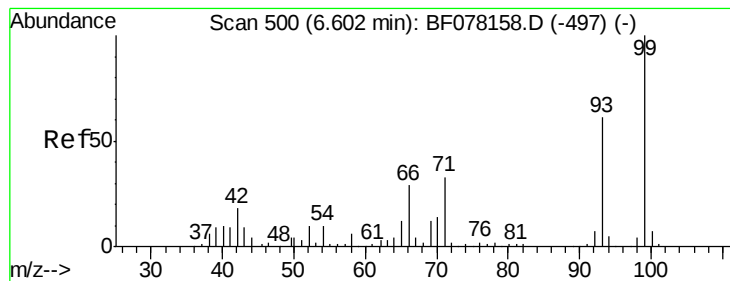


#5

2-Fluorophenol
Concen: 51.45 ng
RT: 5.26 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF078259.D
Acq: 6 Apr 2015 16:19

Tgt Ion:112 Resp: 145406
Ion Ratio Lower Upper
112 100
64 50.0 39.9 59.9
63 24.4 20.2 30.4





#7

Phenol-d6

Concen: 30.70 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078259.D

Acq: 6 Apr 2015 16:19

Instrument :

BNA_F

ClientSampled :

W-04

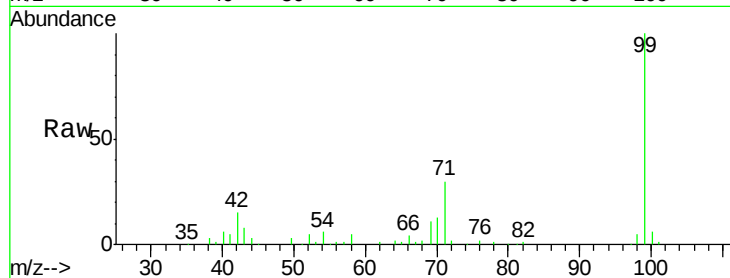
Tot Ion: 99 Resp: 108725

Ion Ratio Lower Upper

99 100

42 14.8 14.8 22.2

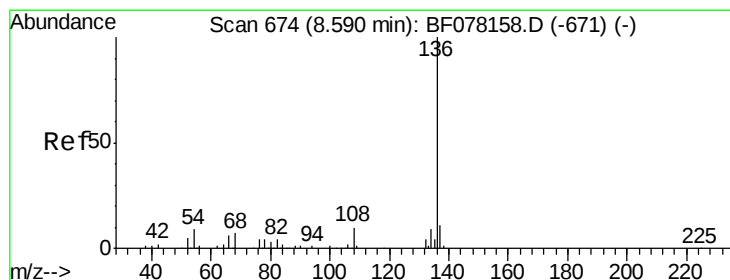
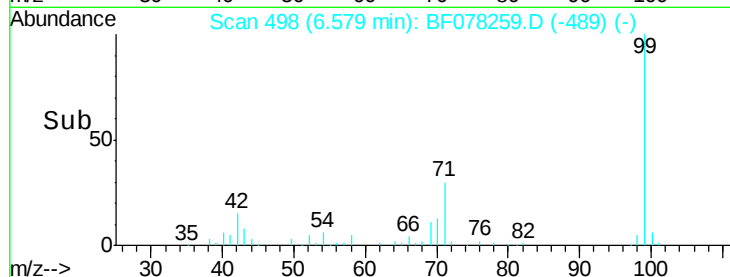
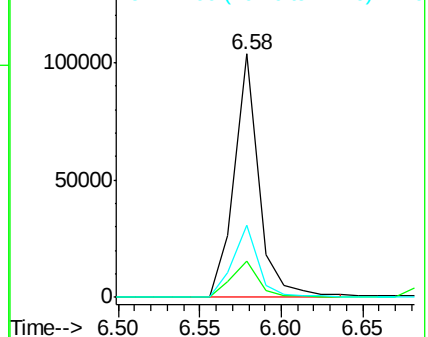
71 29.8 26.6 39.8



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: BF078259.D

Acq: 6 Apr 2015 16:19

Tgt Ion: 136 Resp: 190590

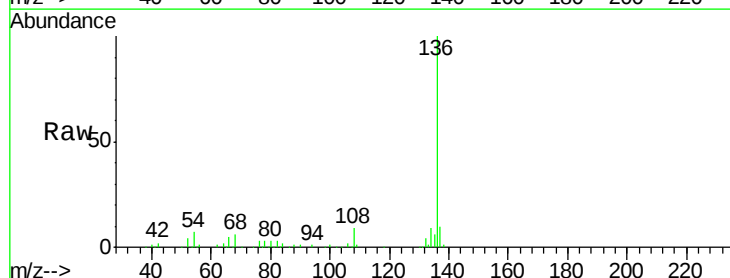
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.4

54 7.0 7.0 10.6#

68 5.5 5.4 8.2

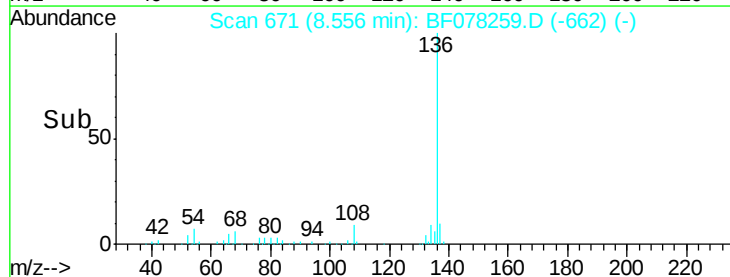
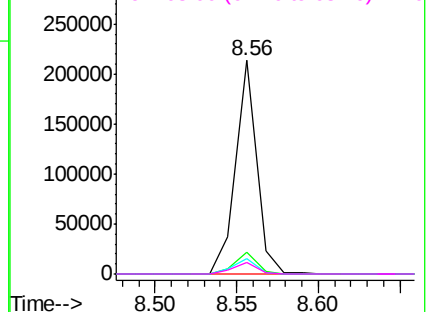


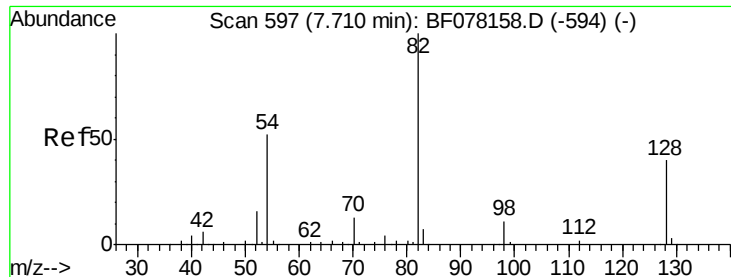
Abundance Ion 136.00 (135.70 to 136.70): E

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

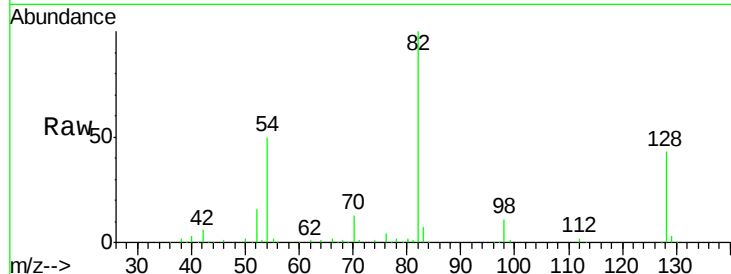




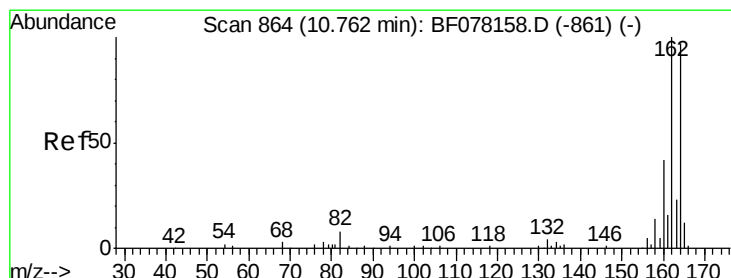
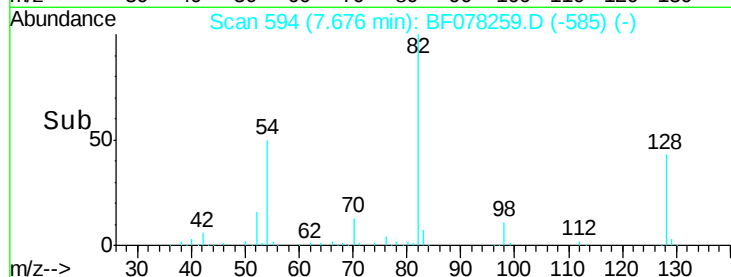
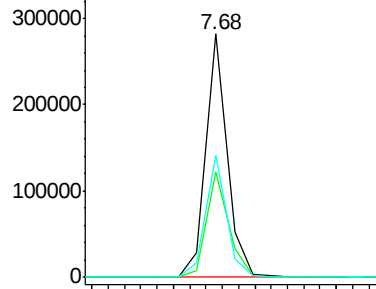
#23
 Nitrobenzene-d5
 Concen: 80.43 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF078259.D
 Acq: 6 Apr 2015 16:19

Instrument :
 BNA_F
 ClientSampled :
 W-04

Tot Ion	82	Resp	252899
Ion Ratio	Lower	Upper	
82	100		
128	43.1	31.8	47.8
54	50.3	41.5	62.3

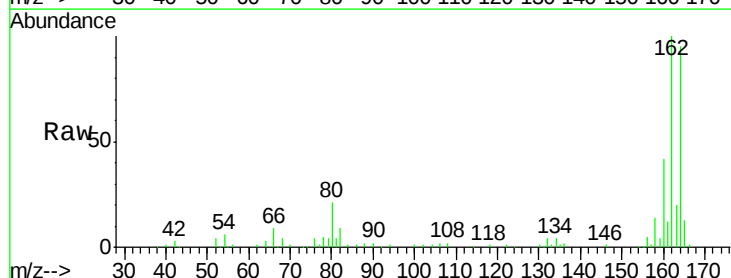


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

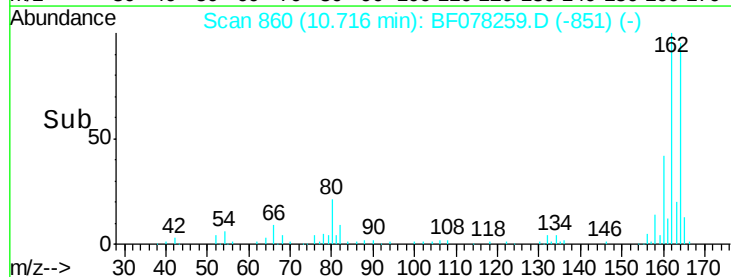
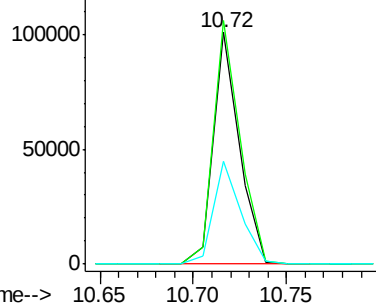


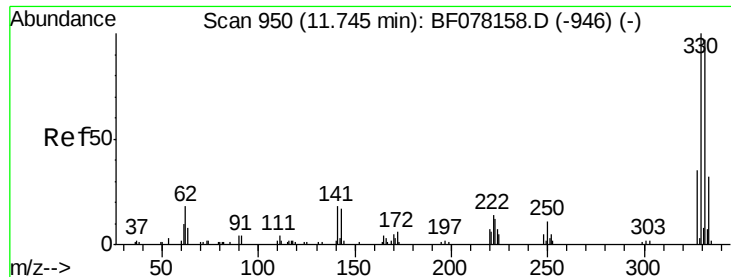
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF078259.D
 Acq: 6 Apr 2015 16:19

Tgt Ion	164	Resp	98126
Ion Ratio	Lower	Upper	
164	100		
162	105.1	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

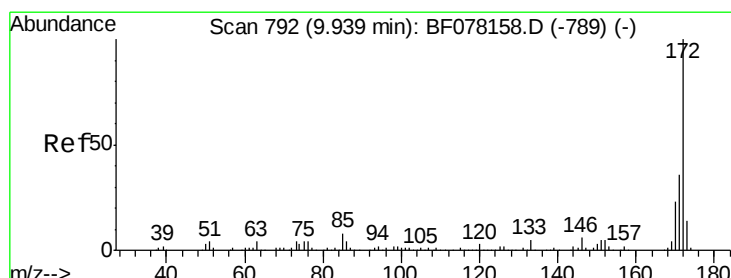
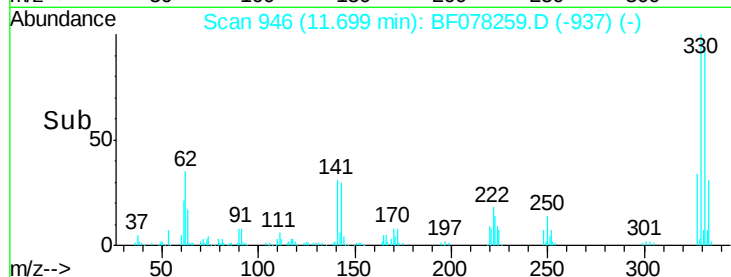
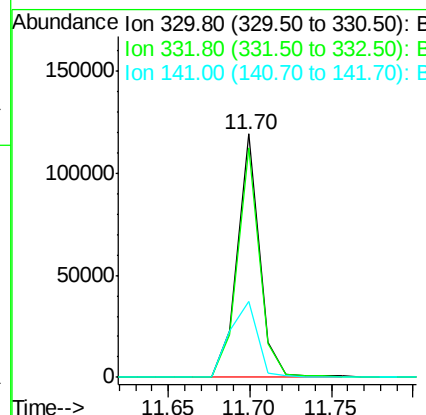
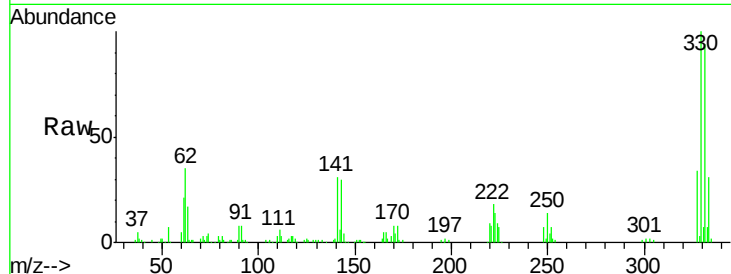




#41
 2,4,6-Tribromophenol
 Concen: 137.65 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078259.D
 Acq: 6 Apr 2015 16:19

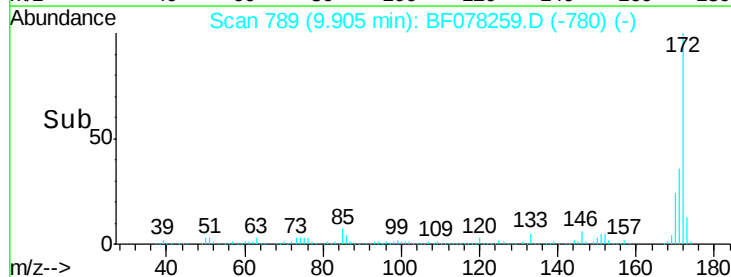
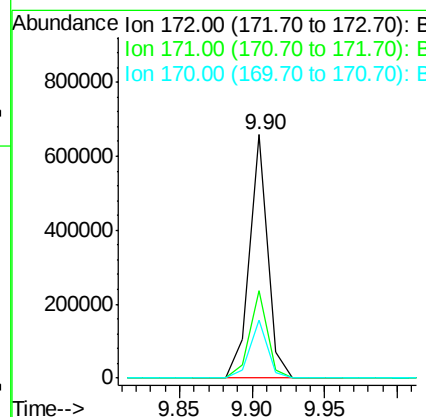
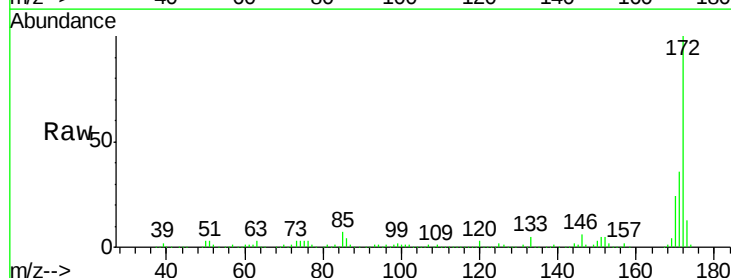
Instrument :
 BNA_F
 ClientSampleId :
 W-04

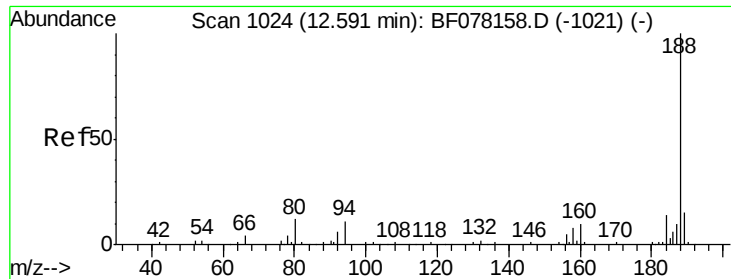
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	78.6	117.8
141	38.7	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 83.61 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078259.D
 Acq: 6 Apr 2015 16:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.6	18.5	27.7

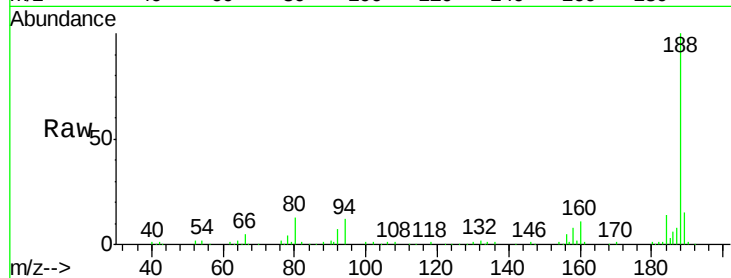




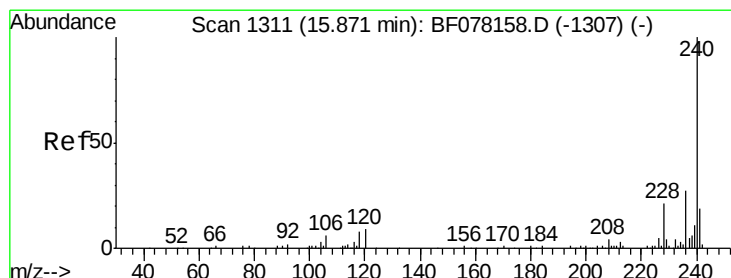
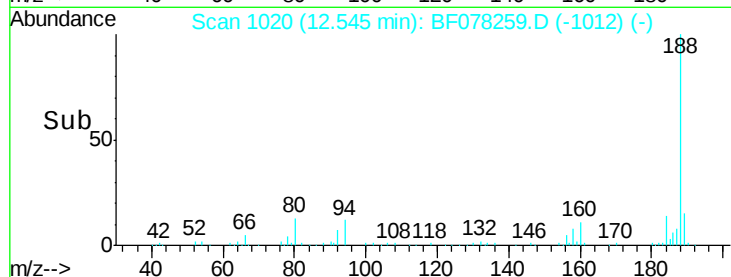
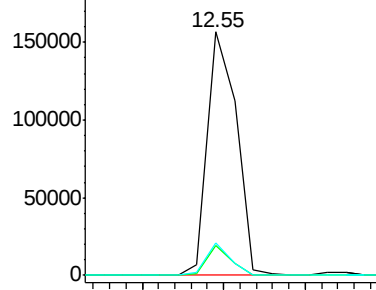
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078259.D
Acq: 6 Apr 2015 16:19

Instrument :
BNA_F
ClientSampleId :
W-04

Tot Ion:188 Resp: 192629
Ion Ratio Lower Upper
188 100
94 12.1 9.0 13.4
80 13.3 9.5 14.3

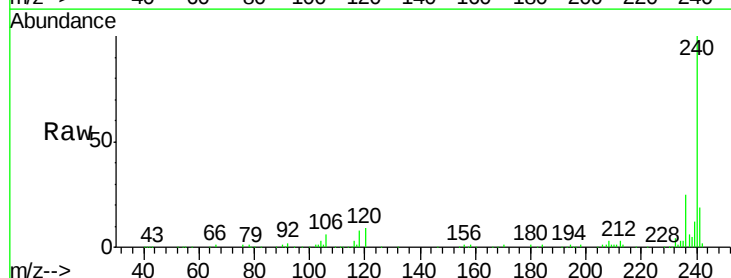


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

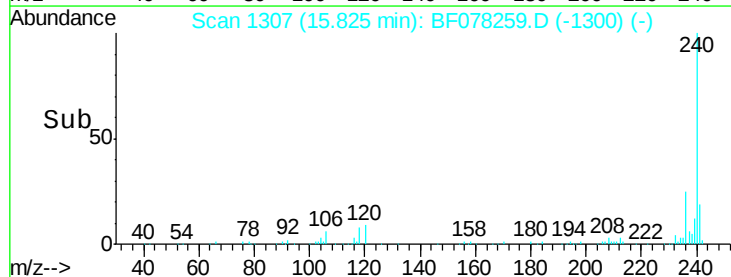
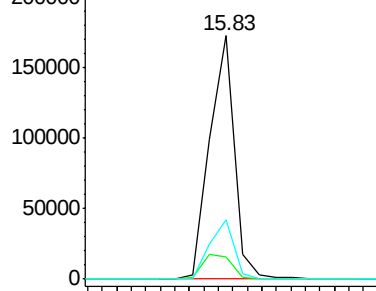


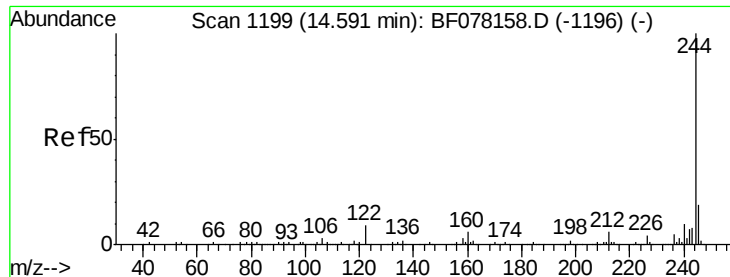
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF078259.D
Acq: 6 Apr 2015 16:19

Tgt Ion:240 Resp: 204191
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 24.6 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: 71.60 ng

RT: 14.55 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF078259.D

Acq: 6 Apr 2015 16:19

Instrument :

BNA_F

ClientSampleId :

W-04

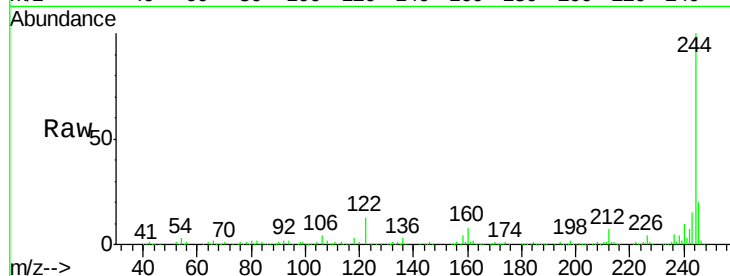
Tot Ion:244 Resp: 647034

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

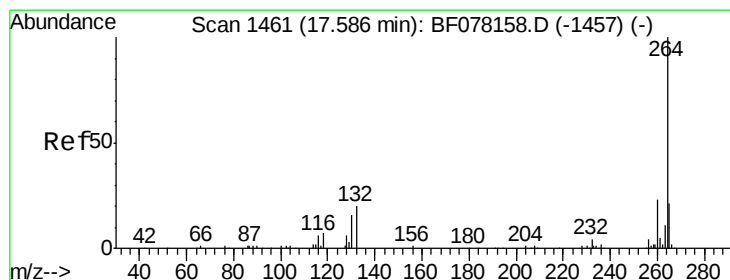
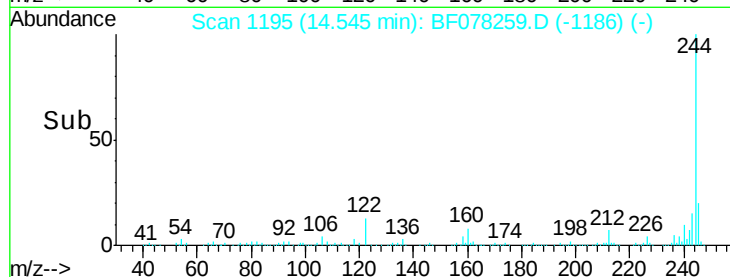
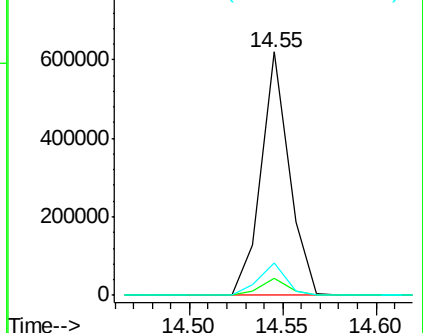
122 13.4 7.1 10.7#



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. -0.09 min

Lab File: BF078259.D

Acq: 6 Apr 2015 16:19

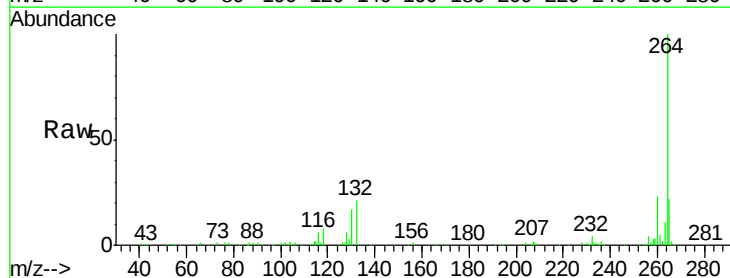
Tgt Ion:264 Resp: 186218

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.8 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

