

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040315\
 Data File : BF078247.D
 Acq On : 3 Apr 2015 17:43
 Operator : TP/IZ
 Sample : G1710-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Quant Time: Apr 03 23:51:27 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 23:29:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	43836	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	180633	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	92941	20.00	ng	-0.01
63) Phenanthrene-d10	12.55	188	181920	20.00	ng	-0.01
75) Chrysene-d12	15.83	240	195019	20.00	ng	-0.01
86) Perylene-d12	17.57	264	186363	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	210581	79.20	ng	0.00
7) Phenol-d6	6.58	99	167278	50.20	ng	-0.01
23) Nitrobenzene-d5	7.68	82	244531	82.05	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	103033	133.67	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	538592	82.83	ng	0.00
78) Terphenyl-d14	14.55	244	646646	74.93	ng	0.00

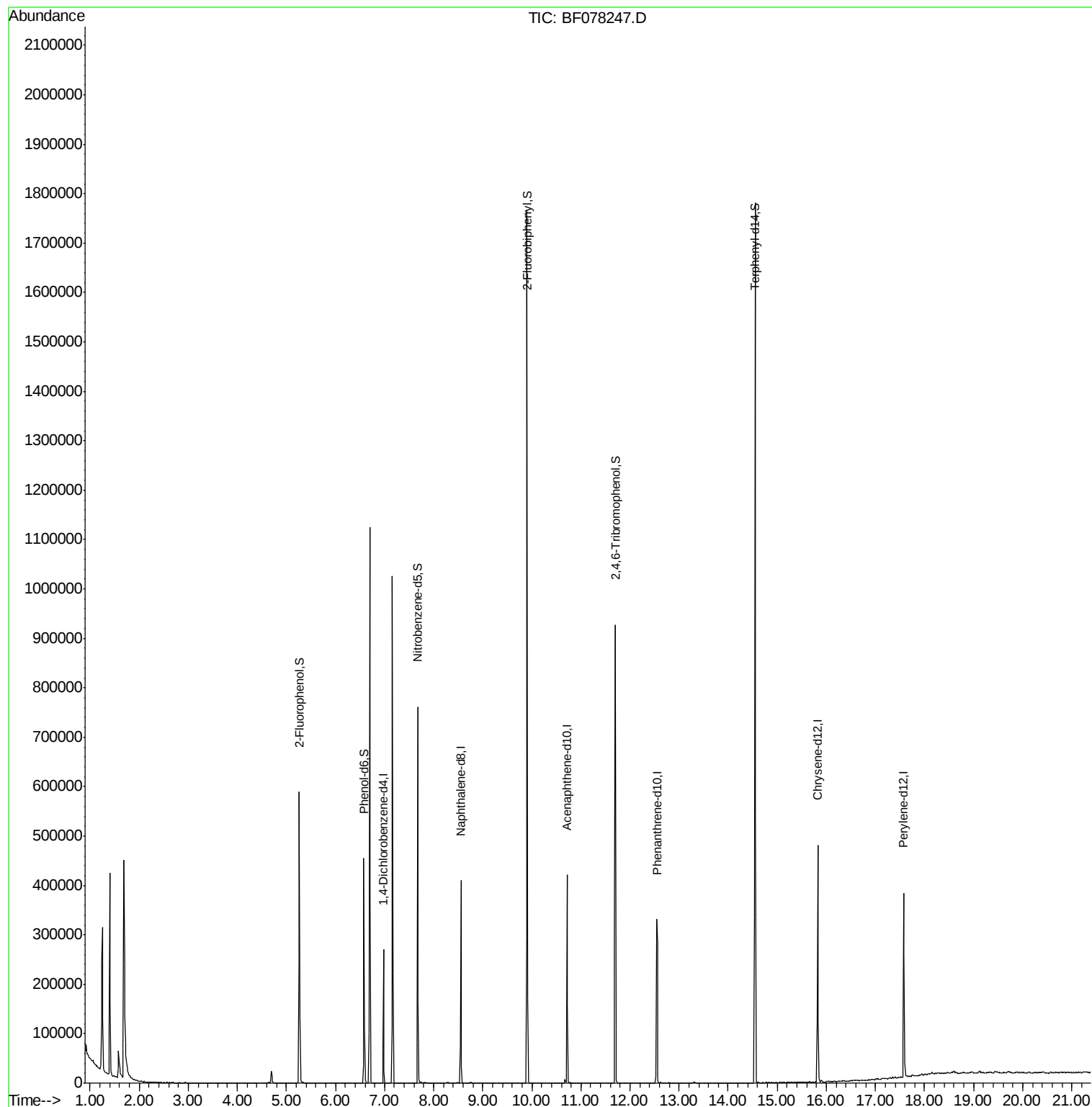
Target Compounds Qvalue

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

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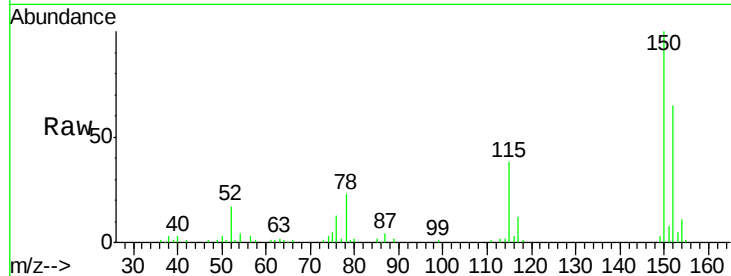


#1

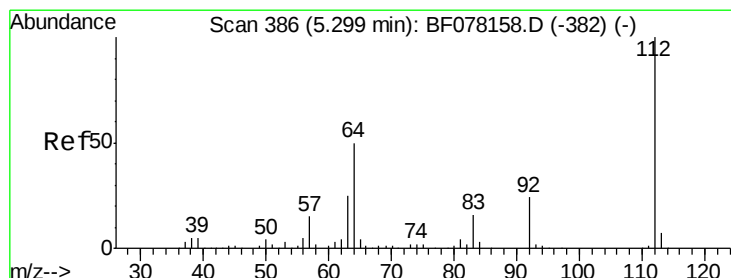
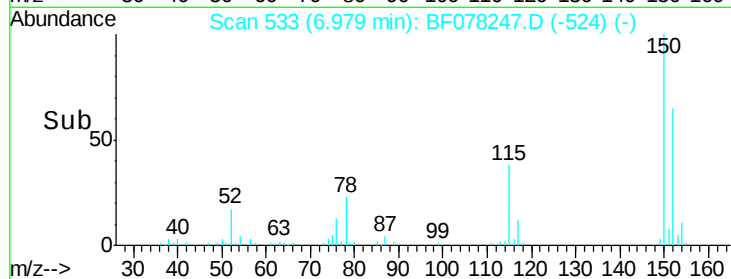
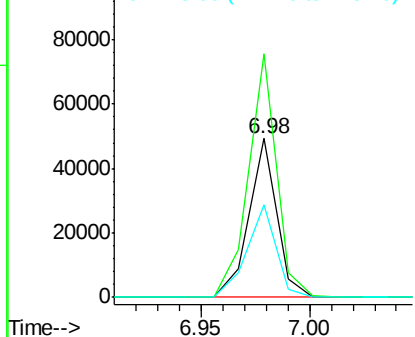
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078247.D
Acq: 3 Apr 2015 17:43

Instrument :
BNA_F
ClientSampled :
W-12

Tot Ion:152 Resp: 43836
Ion Ratio Lower Upper
152 100
150 153.4 125.9 188.9
115 58.0 52.7 79.1



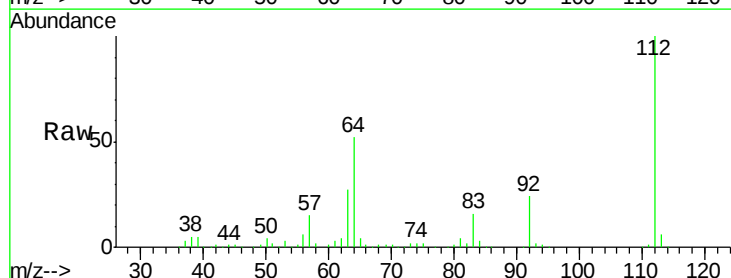
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



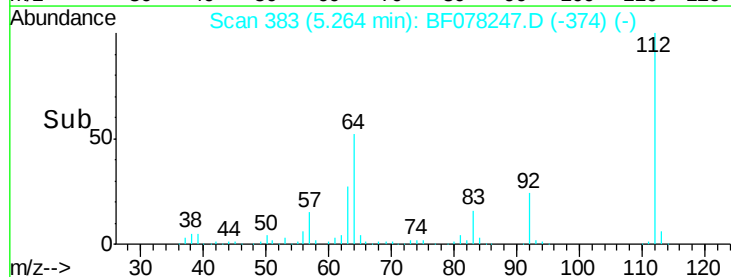
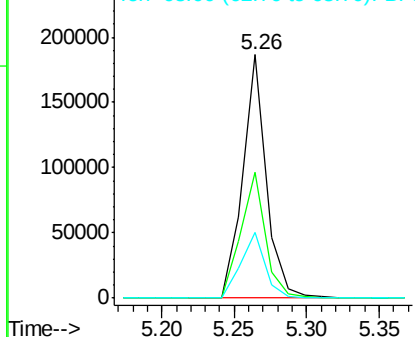
#5

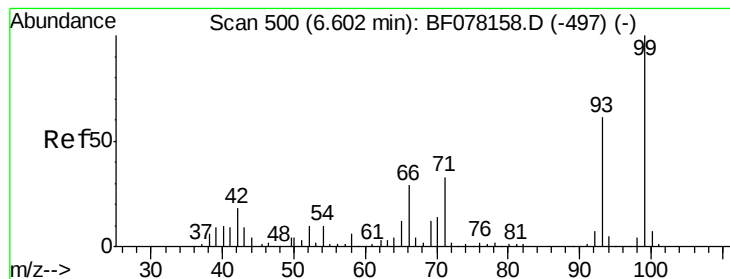
2-Fluorophenol
Concen: 79.20 ng
RT: 5.26 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF078247.D
Acq: 3 Apr 2015 17:43

Tgt Ion:112 Resp: 210581
Ion Ratio Lower Upper
112 100
64 51.7 39.9 59.9
63 26.7 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: 50.20 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF078247.D

Acq: 3 Apr 2015 17:43

Instrument :

BNA_F

ClientSampleId :

W-12

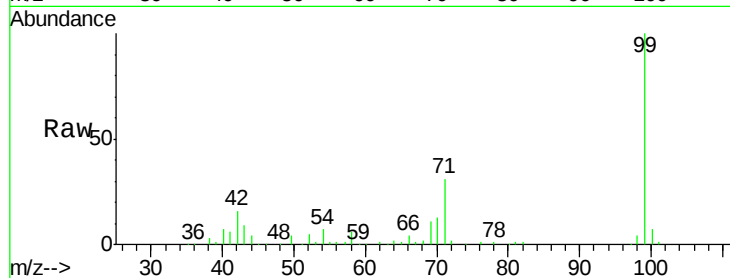
Tot Ion: 99 Resp: 167278

Ion Ratio Lower Upper

99 100

42 16.5 14.8 22.2

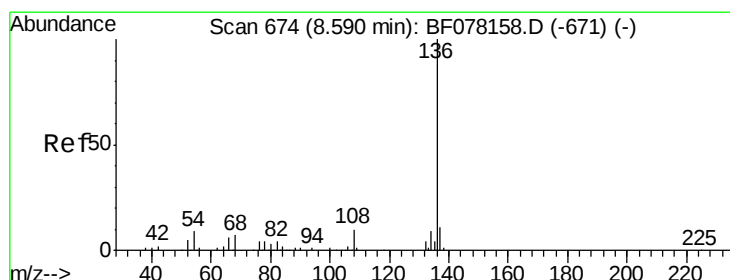
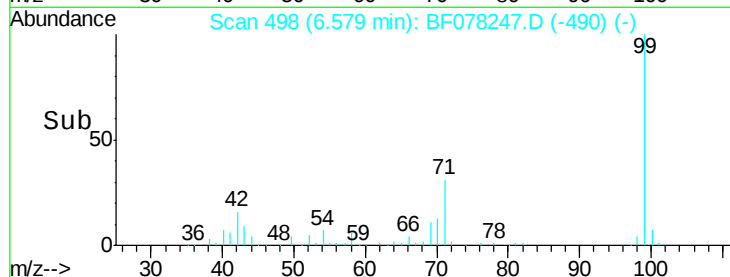
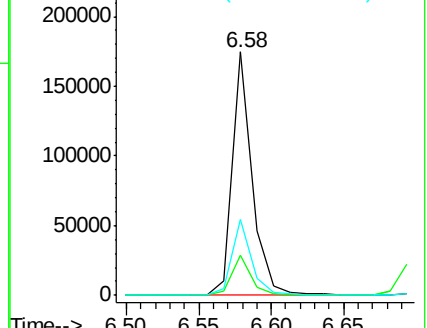
71 31.3 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF078247.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078247.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078247.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF078247.D

Acq: 3 Apr 2015 17:43

Tgt Ion: 136 Resp: 180633

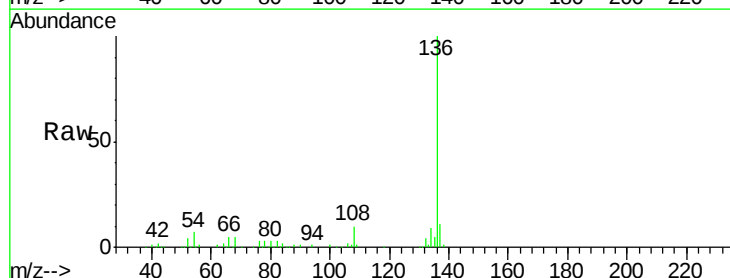
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.9 7.0 10.6#

68 5.4 5.4 8.2#

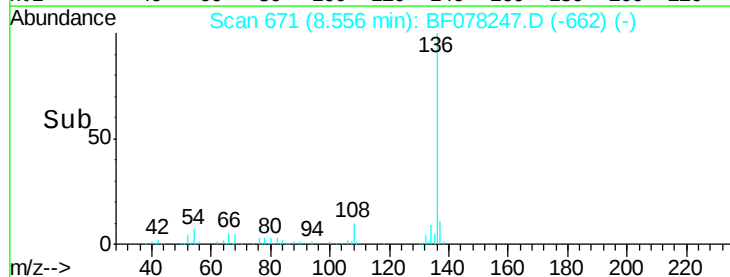
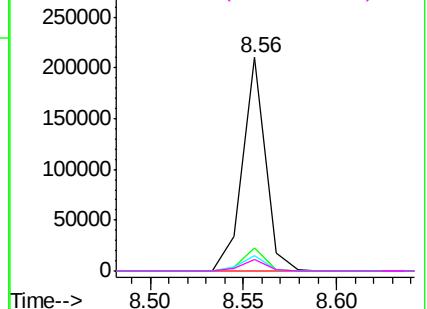


Abundance Ion 136.00 (135.70 to 136.70): BF078247.D (-672) (-)

Ion 137.00 (136.70 to 137.70): BF078247.D (-672) (-)

Ion 54.00 (53.70 to 54.70): BF078247.D (-672) (-)

Ion 68.00 (67.70 to 68.70): BF078247.D (-672) (-)

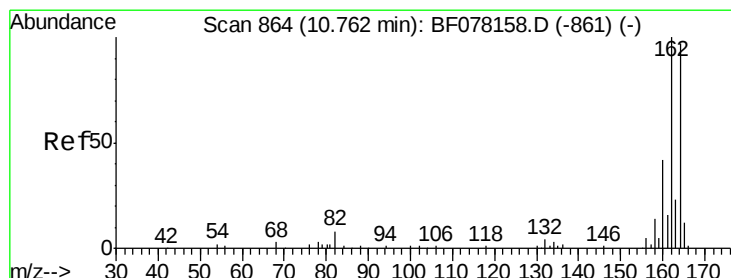
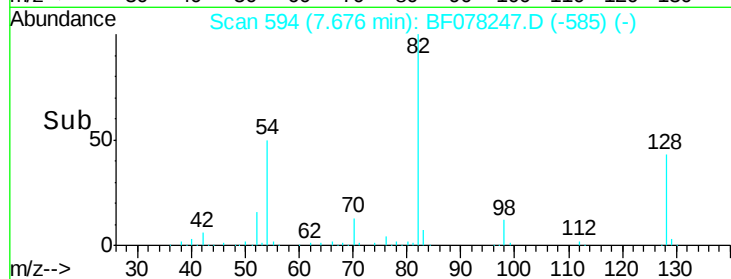
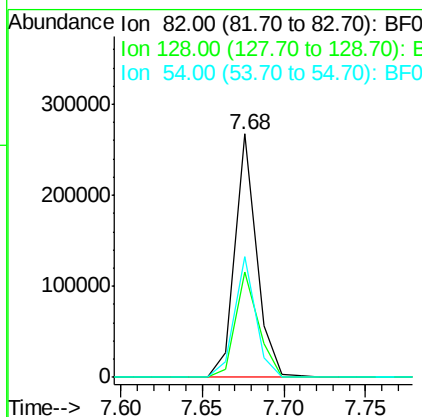
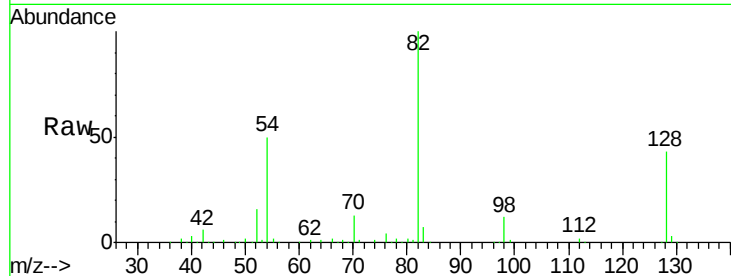




#23
 Nitrobenzene-d5
 Concen: 82.05 ng
 RT: 7.68 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF078247.D
 Acq: 3 Apr 2015 17:43

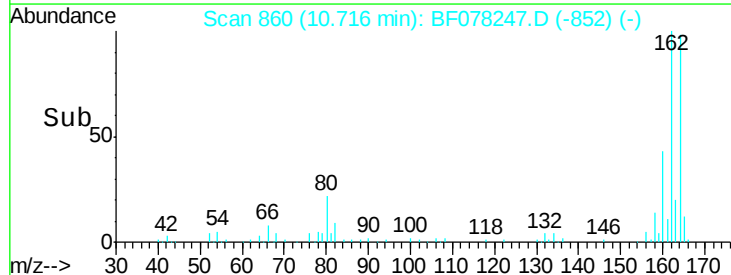
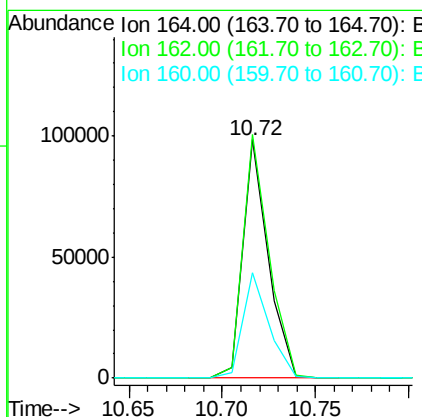
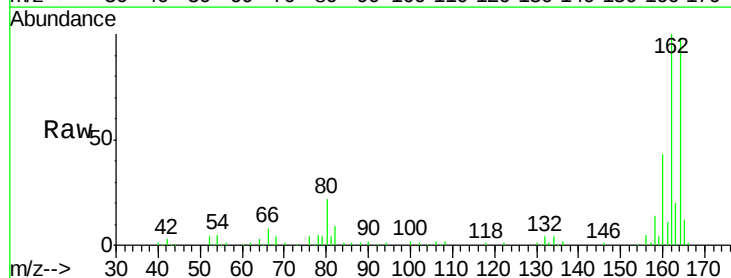
Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tot Ion: 82 Resp: 244531
 Ion Ratio Lower Upper
 82 100
 128 43.1 31.8 47.8
 54 49.6 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF078247.D
 Acq: 3 Apr 2015 17:43

Tgt Ion:164 Resp: 92941
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.2 123.2
 160 44.4 34.7 52.1

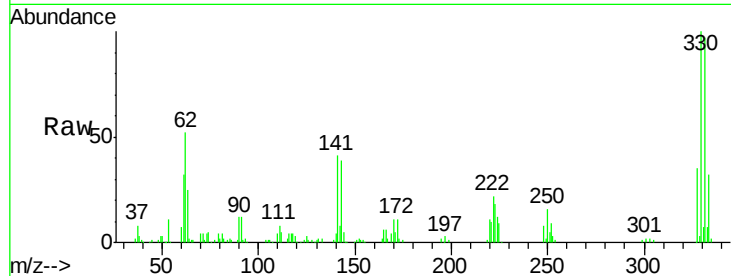




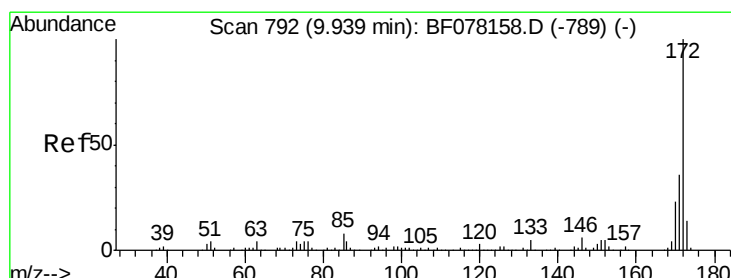
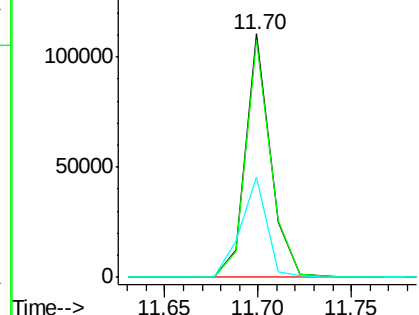
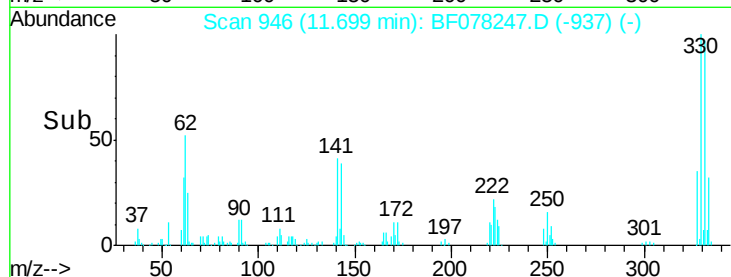
#41
 2,4,6-Tribromophenol
 Concen: 133.67 ng
 RT: 11.70 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF078247.D
 Acq: 3 Apr 2015 17:43

Instrument :
 BNA_F
 ClientSampled :
 W-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.6	117.8
141	43.1	31.2	46.8

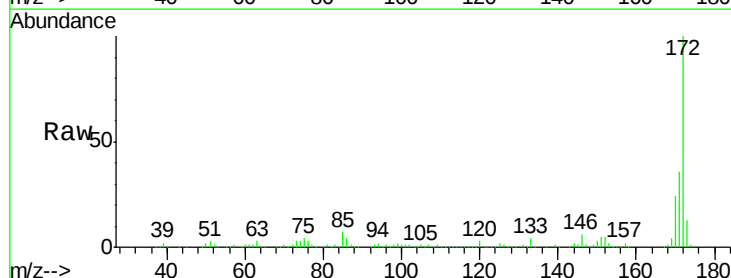


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

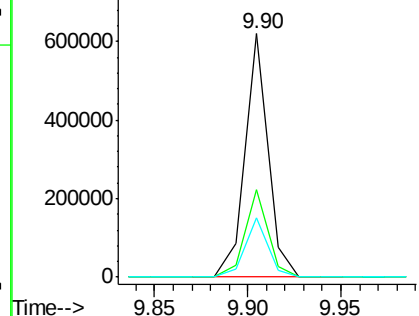
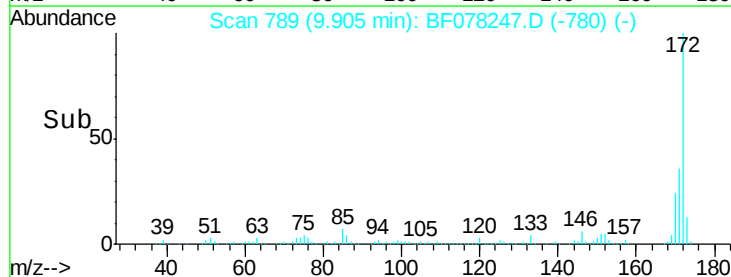


#44
 2-Fluorobiphenyl
 Concen: 82.83 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078247.D
 Acq: 3 Apr 2015 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	24.3	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

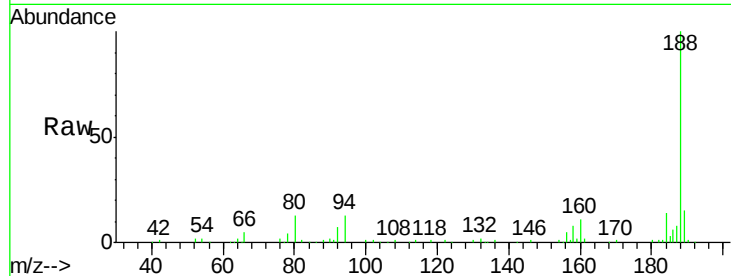




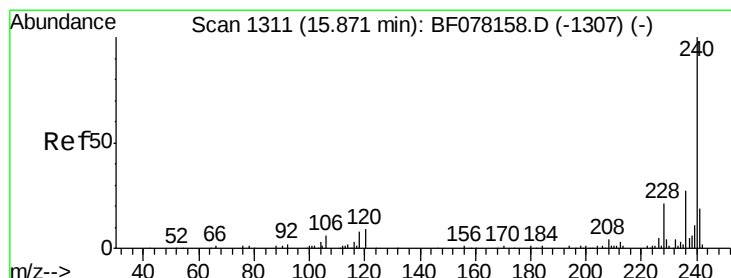
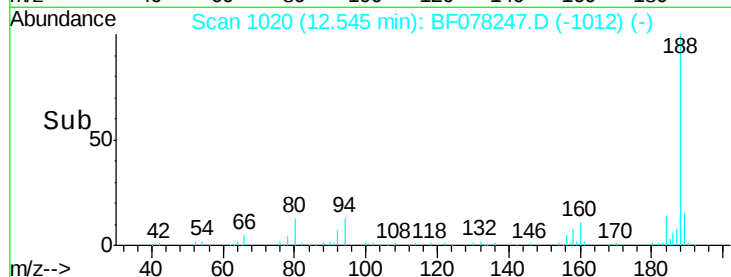
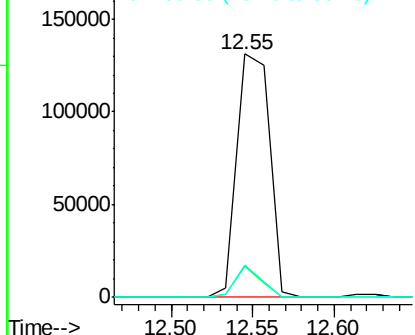
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF078247.D
Acq: 3 Apr 2015 17:43

Instrument :
BNA_F
ClientSampleId :
W-12

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.0	13.4
80	13.5	9.5	14.3

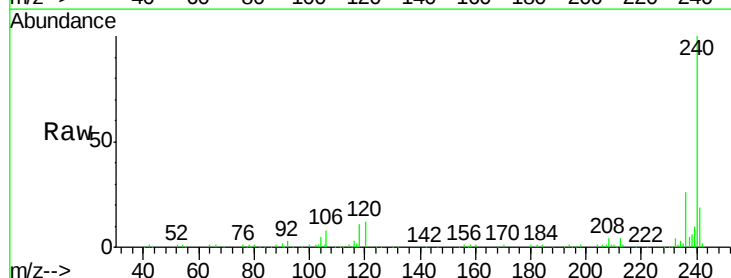


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

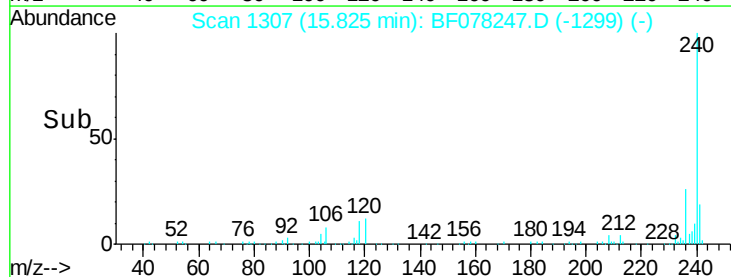
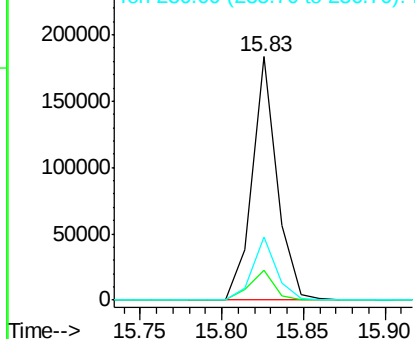


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF078247.D
Acq: 3 Apr 2015 17:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	7.1	10.7#
236	26.2	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

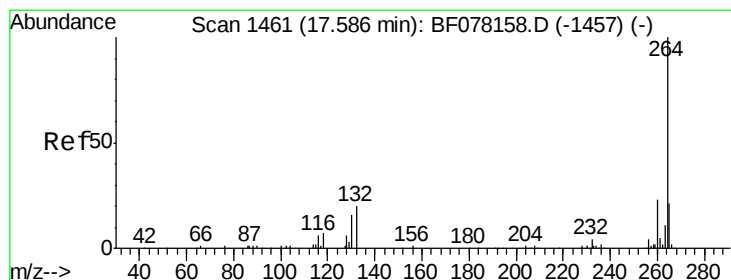
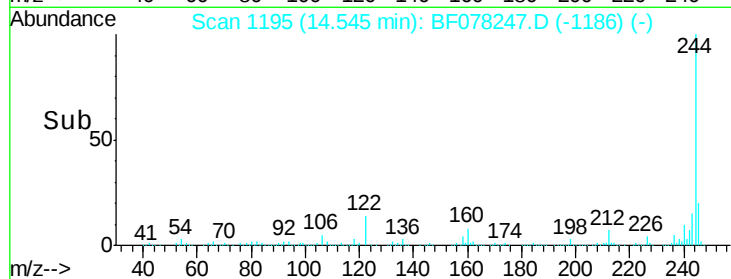
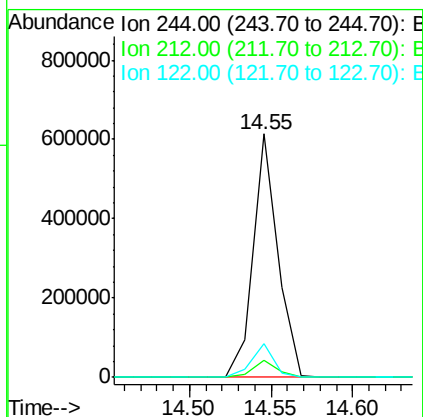
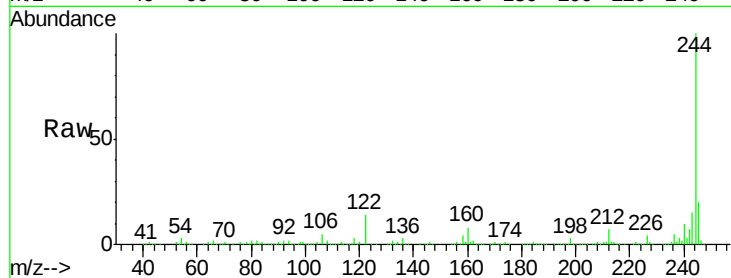




#78
 Terphenyl-d14
 Concen: 74.93 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF078247.D
 Acq: 3 Apr 2015 17:43

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tot Ion:244 Resp: 646646
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 13.7 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. -0.02 min
 Lab File: BF078247.D
 Acq: 3 Apr 2015 17:43

Tgt Ion:264 Resp: 186363
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 20.9 17.0 25.6

