

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078818.D
 Acq On : 29 Apr 2015 17:32
 Operator : TP/IZ
 Sample : G2018-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0441

Quant Time: Apr 30 01:43:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	69277	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	292099	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	130289	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	268698	20.00	ng	0.00
75) Chrysene-d12	16.29	240	276241	20.00	ng	-0.01
86) Perylene-d12	18.07	264	280312	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	234274	62.11	ng	0.00
7) Phenol-d6	6.92	99	192361	38.19	ng	0.00
23) Nitrobenzene-d5	8.07	82	390725	96.31	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	188311	144.75	ng	-0.01
44) 2-Fluorobiphenyl	10.31	172	868664	91.30	ng	0.00
78) Terphenyl-d14	14.98	244	903640	77.90	ng	0.00

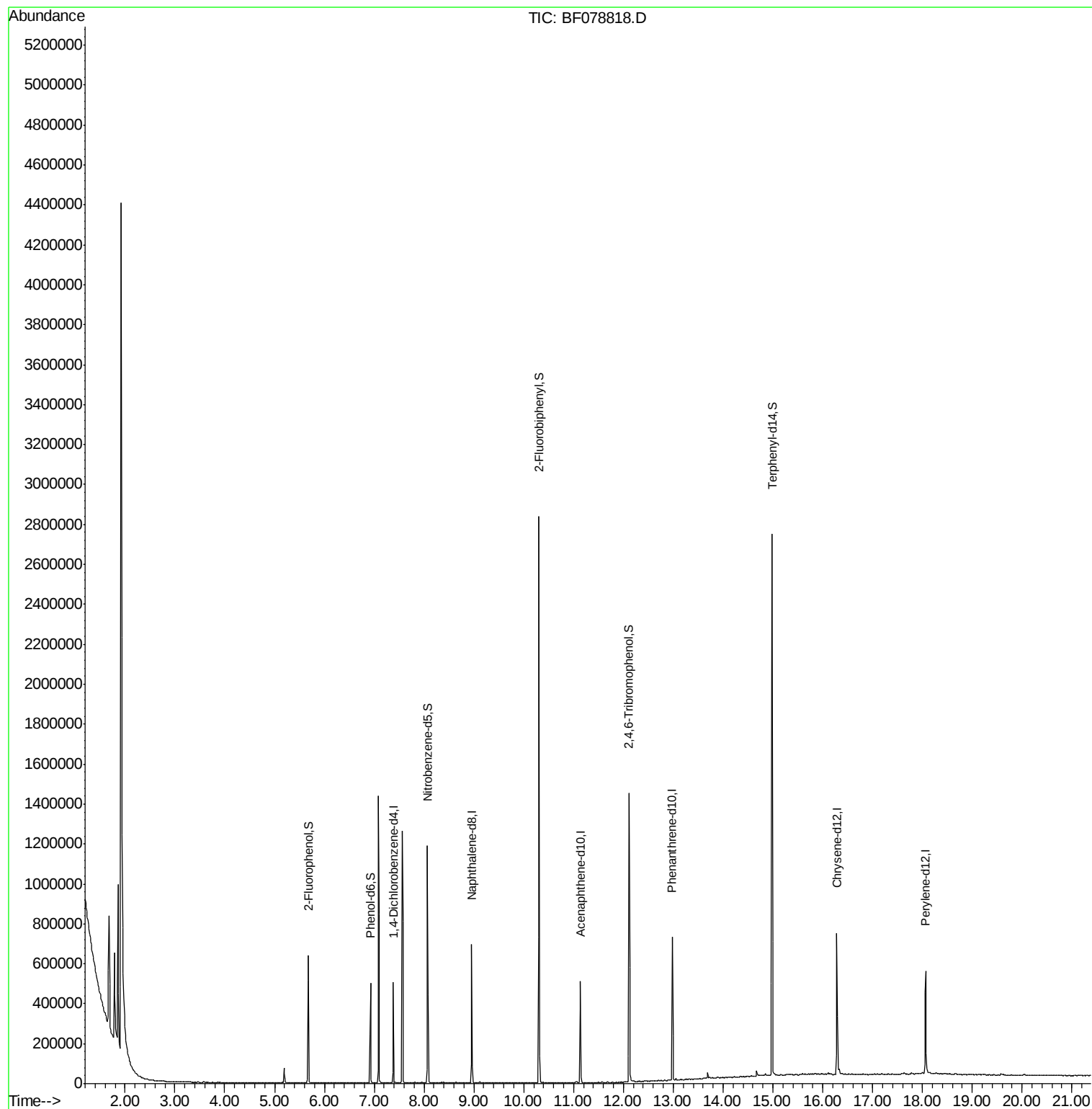
Target Compounds Qvalue

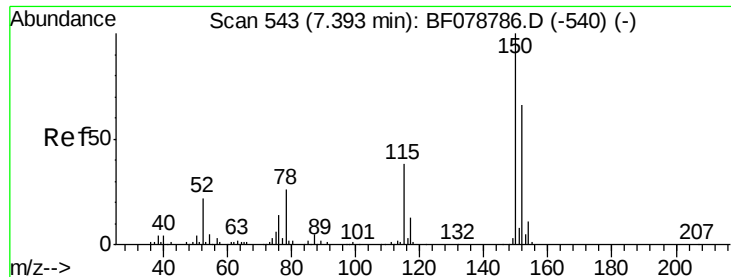
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF078818.D

Acq: 29 Apr 2015 17:32

Instrument :

BNA_F

ClientSampleId :

S8-0441

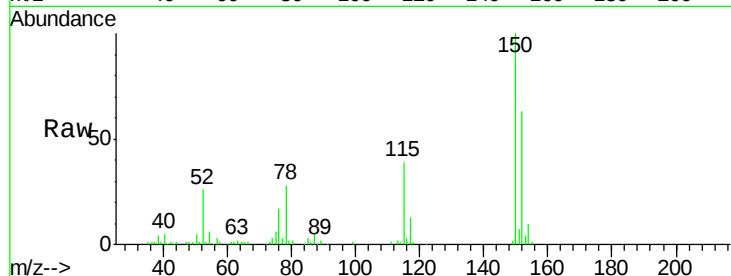
Tot Ion:152 Resp: 69277

Ion Ratio Lower Upper

152 100

150 159.6 122.0 183.0

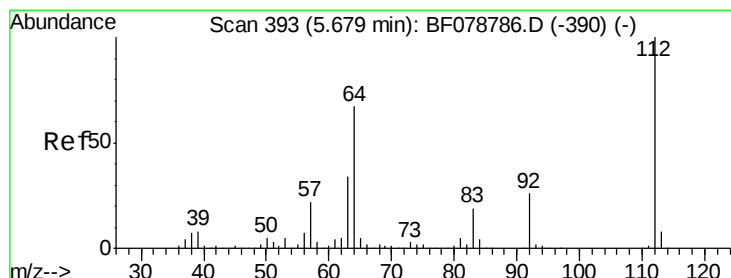
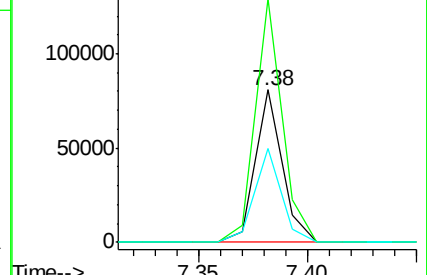
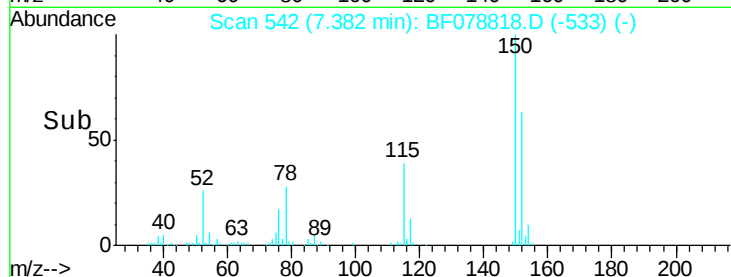
115 61.9 46.3 69.5



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: 62.11 ng

RT: 5.68 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF078818.D

Acq: 29 Apr 2015 17:32

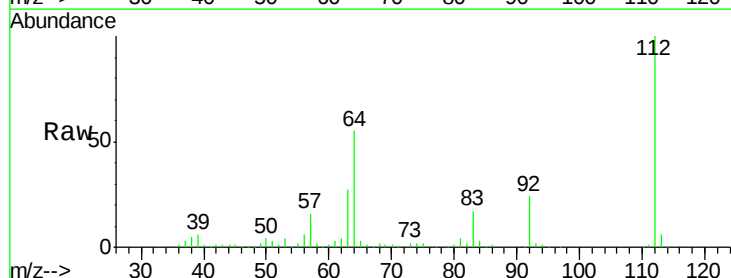
Tgt Ion:112 Resp: 234274

Ion Ratio Lower Upper

112 100

64 54.6 53.5 80.3

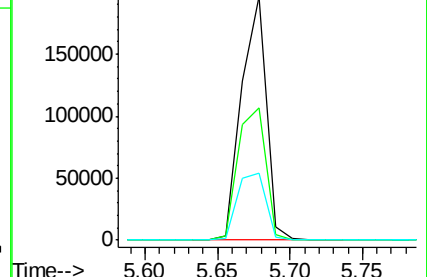
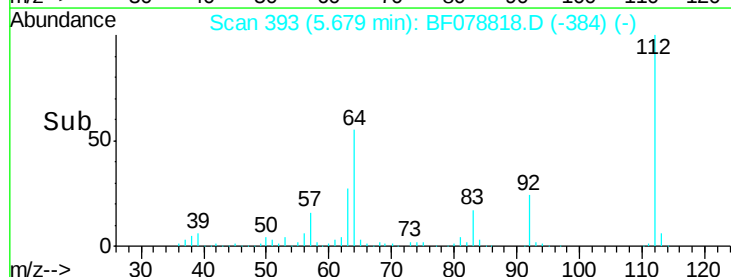
63 27.4 27.5 41.3#

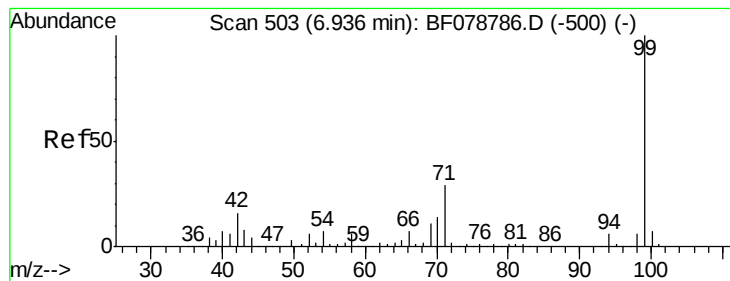


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.19 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078818.D

Acq: 29 Apr 2015 17:32

Instrument :

BNA_F

ClientSampled :

S8-0441

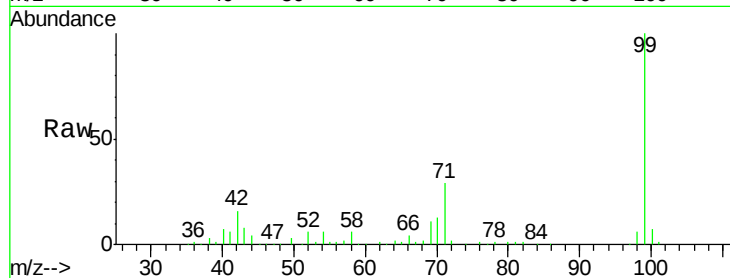
Tot Ion: 99 Resp: 192361

Ion Ratio Lower Upper

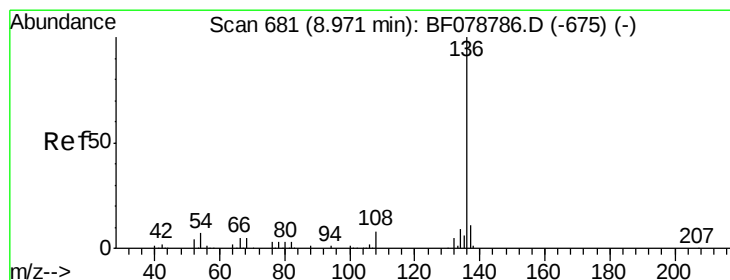
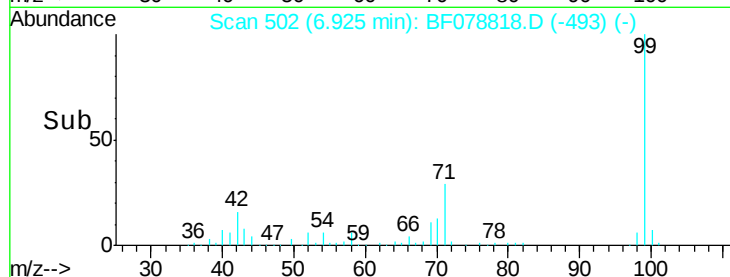
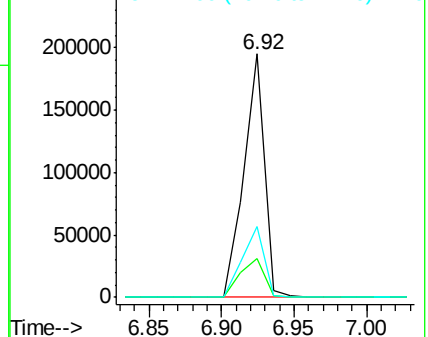
99 100

42 15.9 12.8 19.2

71 28.8 23.4 35.2



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: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078818.D

Acq: 29 Apr 2015 17:32

Tgt Ion: 136 Resp: 292099

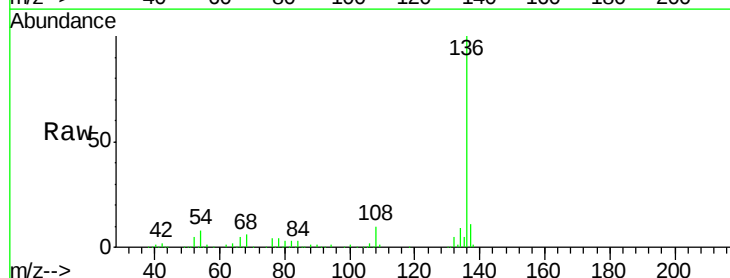
Ion Ratio Lower Upper

136 100

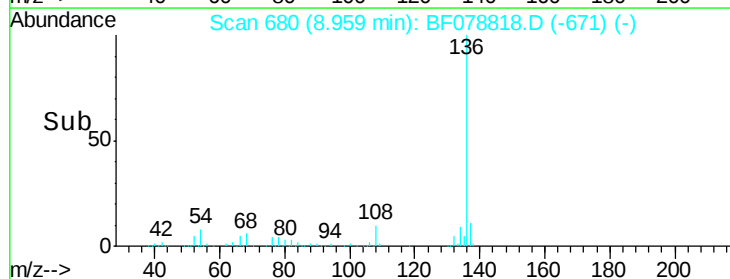
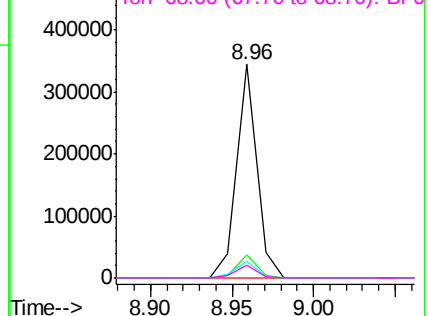
137 10.7 8.7 13.1

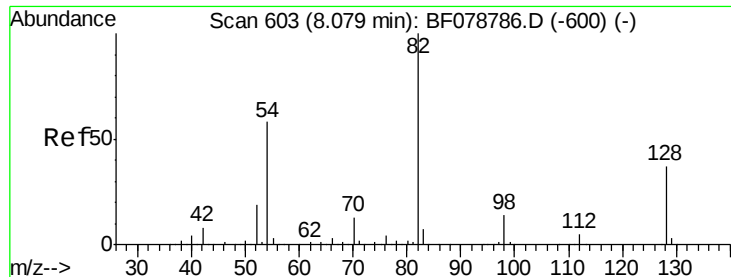
54 8.0 5.8 8.8

68 6.3 4.2 6.4



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

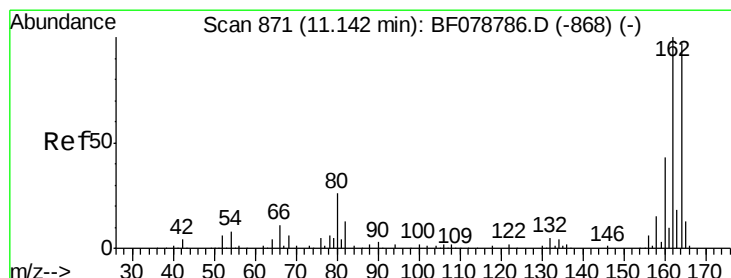
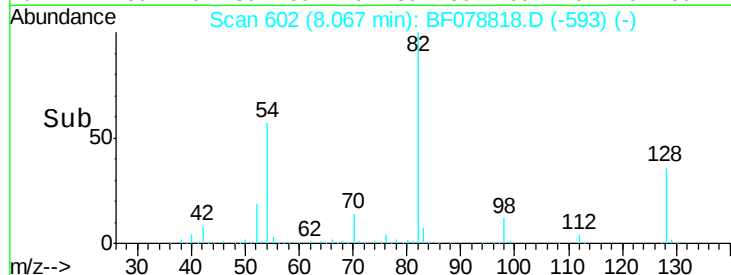
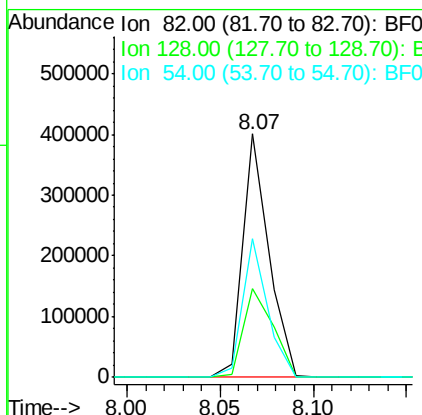
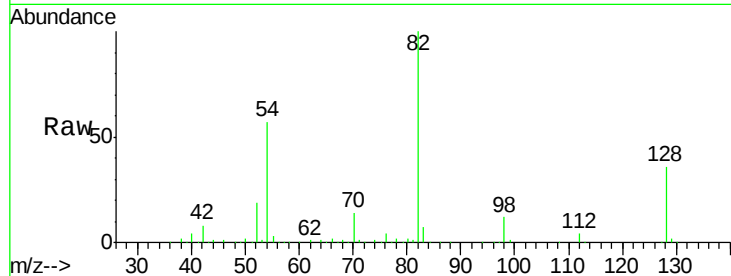




#23
 Nitrobenzene-d5
 Concen: 96.31 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078818.D
 Acq: 29 Apr 2015 17:32

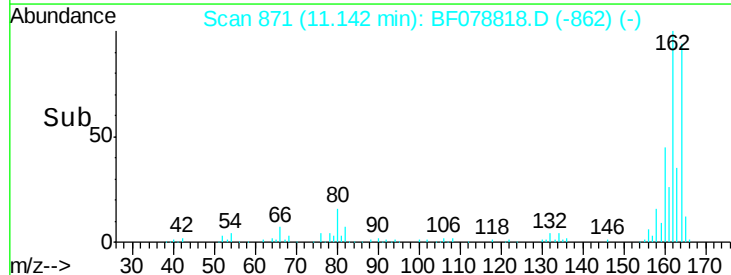
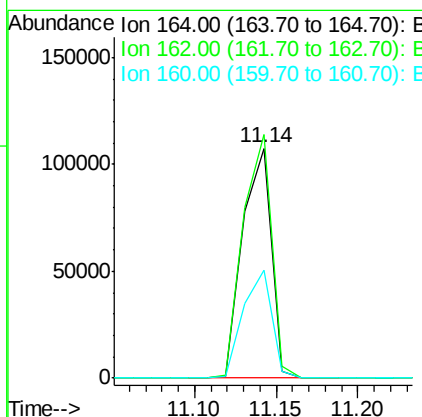
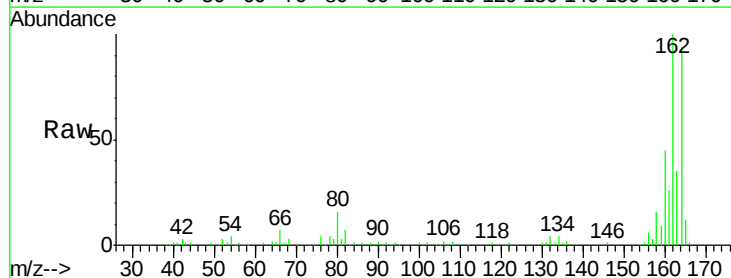
Instrument :
 BNA_F
 ClientSampled :
 S8-0441

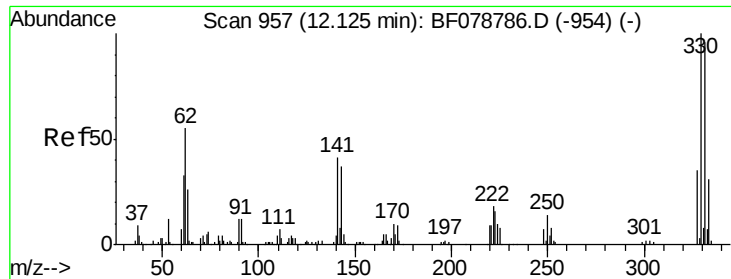
Tot Ion: 82 Resp: 390725
 Ion Ratio Lower Upper
 82 100
 128 36.5 30.0 45.0
 54 57.1 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078818.D
 Acq: 29 Apr 2015 17:32

Tgt Ion: 164 Resp: 130289
 Ion Ratio Lower Upper
 164 100
 162 106.0 82.7 124.1
 160 47.2 35.8 53.8

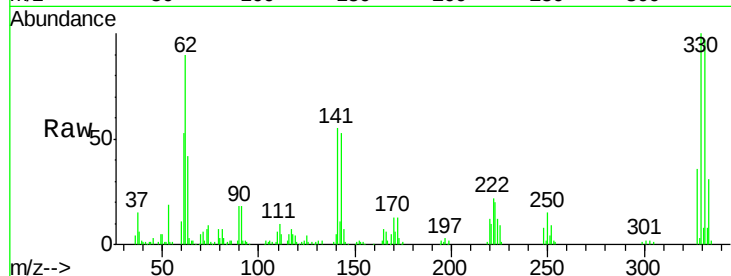




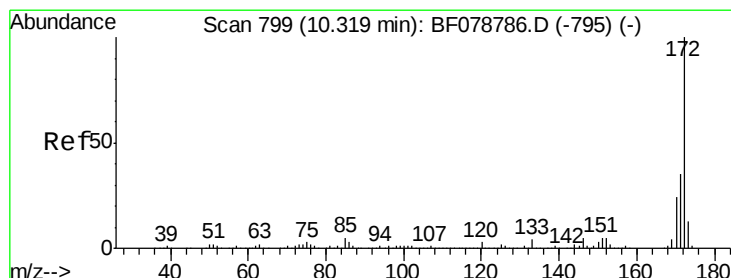
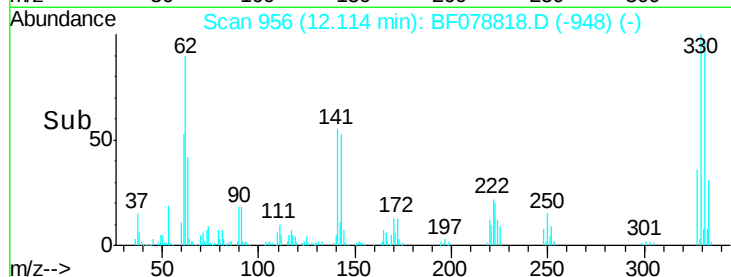
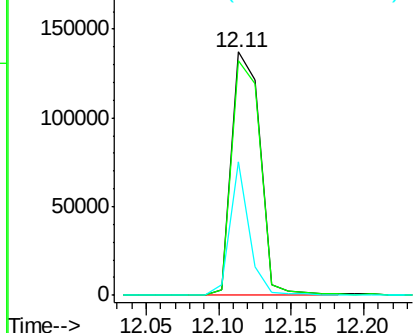
#41
 2,4,6-Tribromophenol
 Concen: 144.75 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078818.D
 Acq: 29 Apr 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 S8-0441

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	37.0	0.0	0.0#

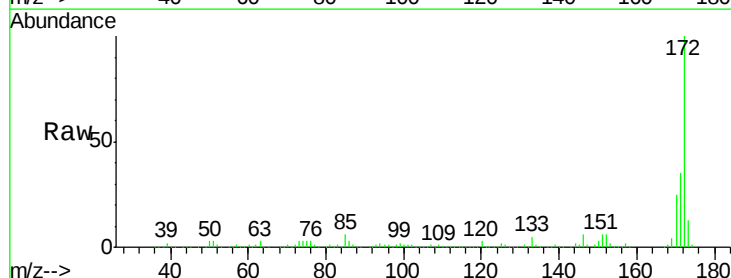


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

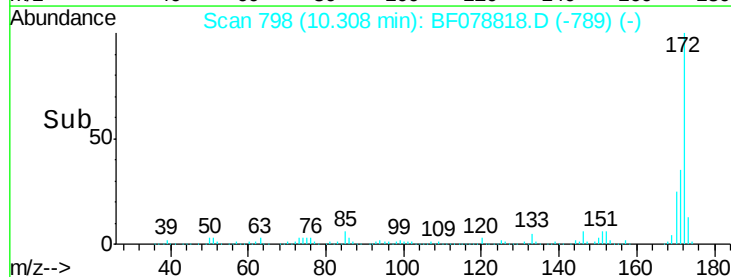
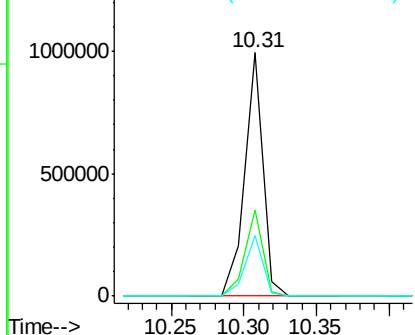


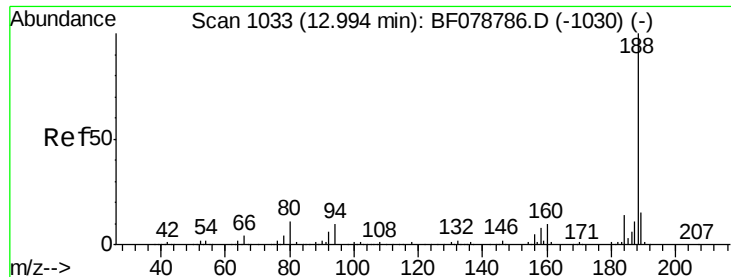
#44
 2-Fluorobiphenyl
 Concen: 91.30 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF078818.D
 Acq: 29 Apr 2015 17:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	24.7	19.4	29.0



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

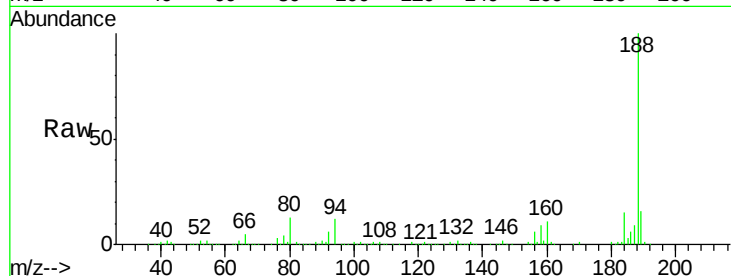




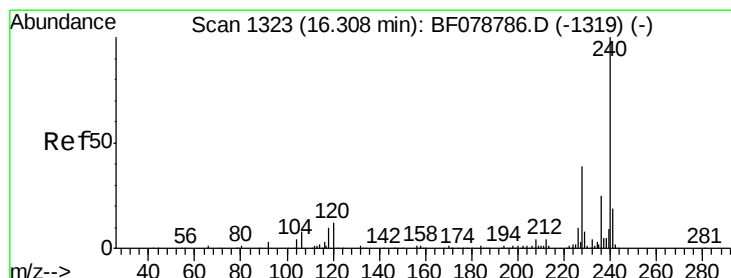
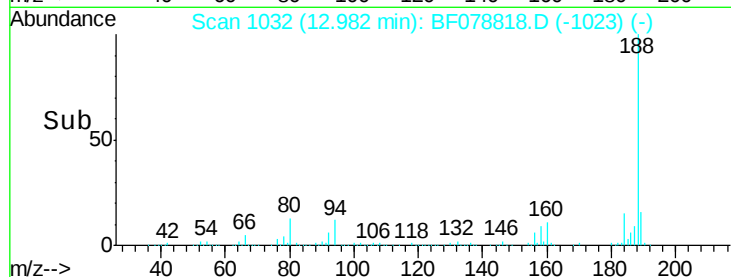
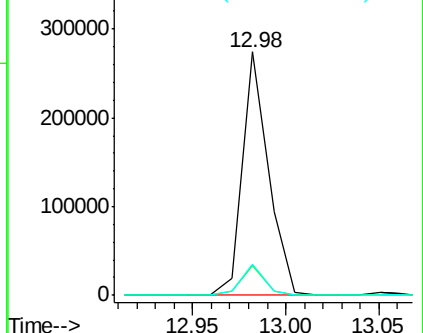
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078818.D
Acq: 29 Apr 2015 17:32

Instrument :
BNA_F
ClientSampleId :
S8-0441

Tot Ion:188 Resp: 268698
Ion Ratio Lower Upper
188 100
94 12.0 8.2 12.2
80 13.0 8.9 13.3

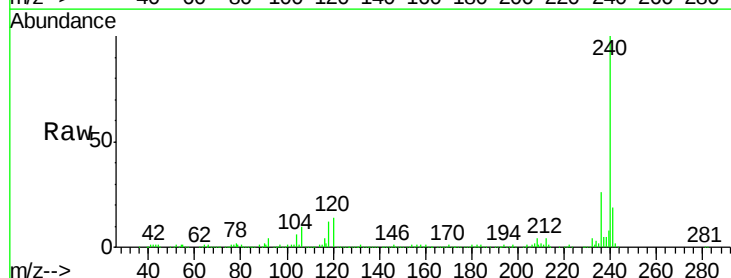


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

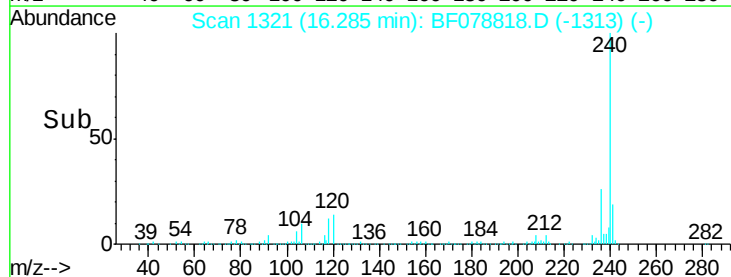
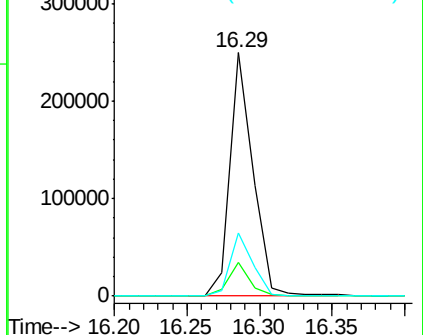


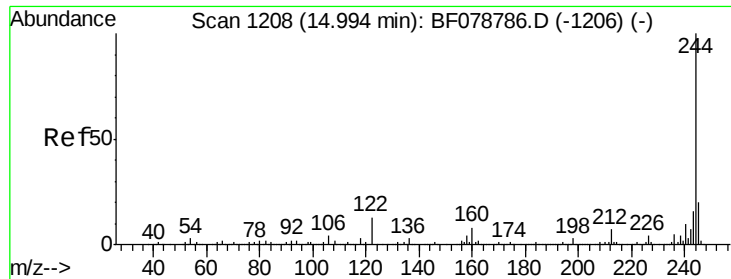
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.29 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF078818.D
Acq: 29 Apr 2015 17:32

Tgt Ion:240 Resp: 276241
Ion Ratio Lower Upper
240 100
120 13.9 9.7 14.5
236 25.8 20.2 30.4



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

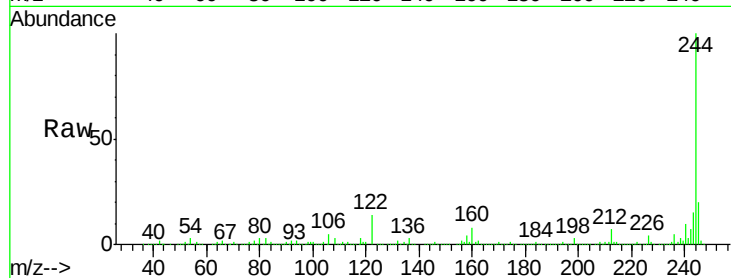




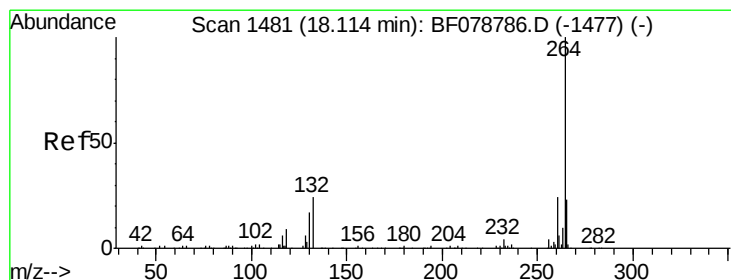
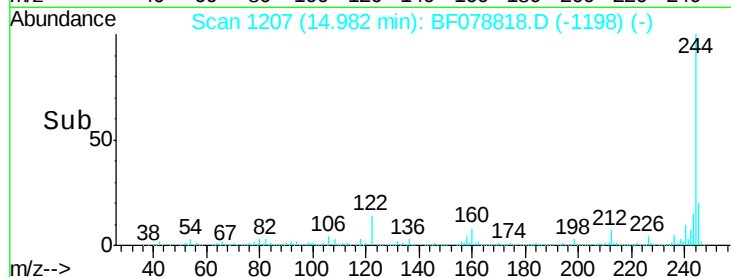
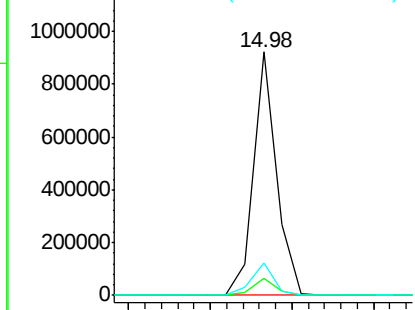
#78
 Terphenyl-d14
 Concen: 77.90 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF078818.D
 Acq: 29 Apr 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 S8-0441

Tot Ion:244 Resp: 903640
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 13.6 10.3 15.5

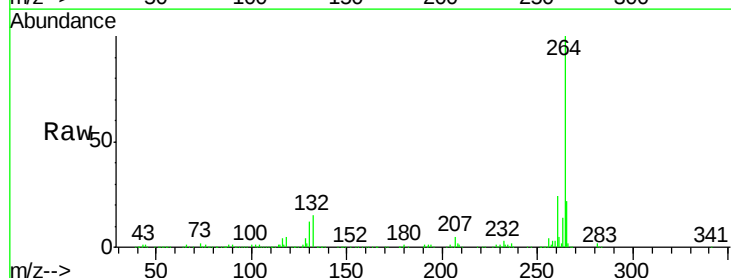


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.07 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF078818.D
 Acq: 29 Apr 2015 17:32

Tgt Ion:264 Resp: 280312
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.5 18.3 27.5



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

