

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050115\
 Data File : BF078904.D
 Acq On : 1 May 2015 20:43
 Operator : TP/IZ
 Sample : PB83061BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83061BL

Quant Time: May 01 23:13:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 22:48:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	76322	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	308223	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	151047	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	308469	20.00	ng	0.00
75) Chrysene-d12	16.26	240	318182	20.00	ng	-0.02
86) Perylene-d12	18.07	264	318170	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	541908	122.22	ng	0.00
7) Phenol-d6	6.90	99	651051	111.09	ng	0.00
23) Nitrobenzene-d5	8.04	82	399484	74.49	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	197755	121.02	ng	0.00
44) 2-Fluorobiphenyl	10.28	172	806918	74.43	ng	0.00
78) Terphenyl-d14	14.96	244	1041339	78.36	ng	0.00

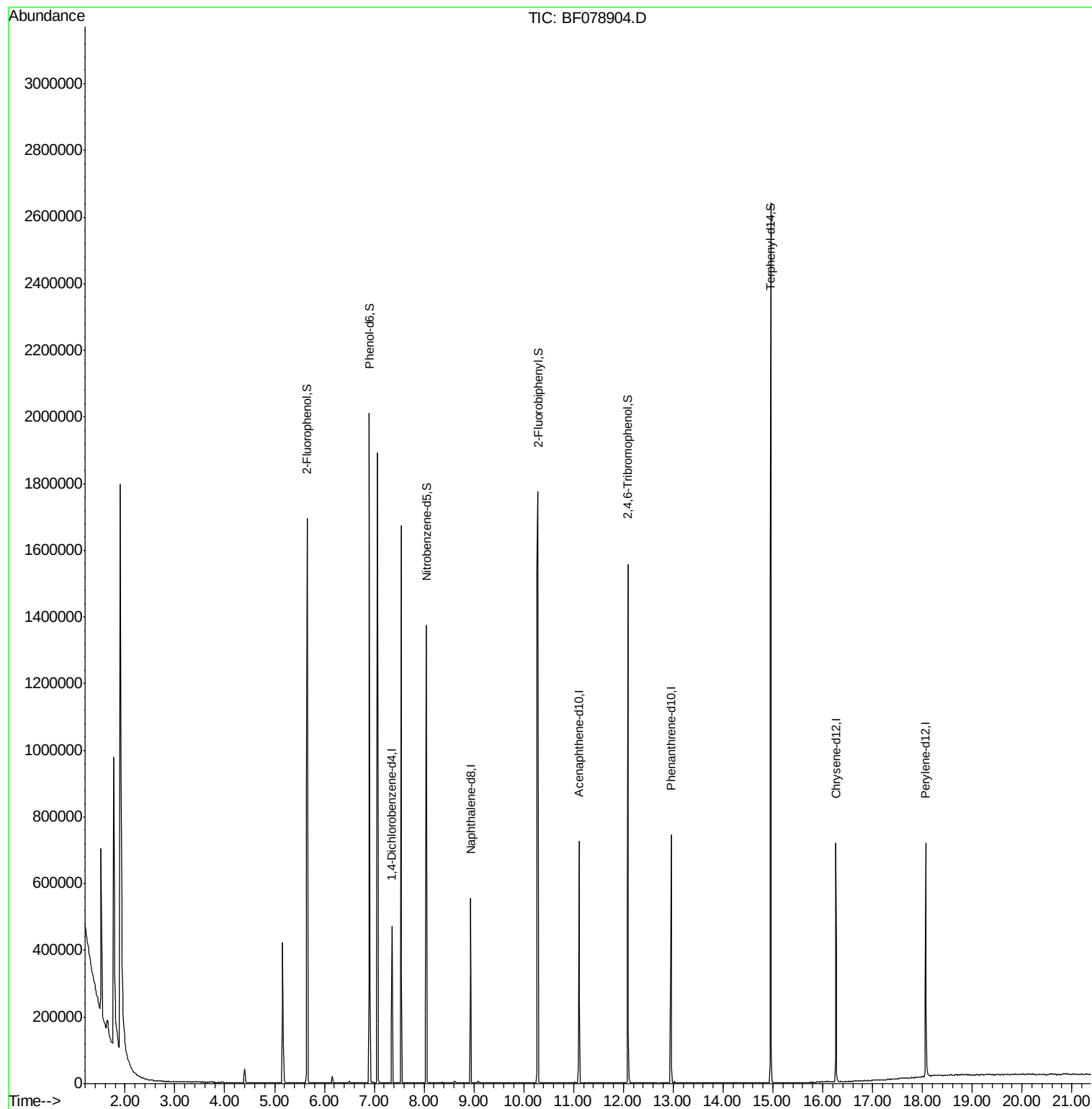
Target Compounds	Qvalue
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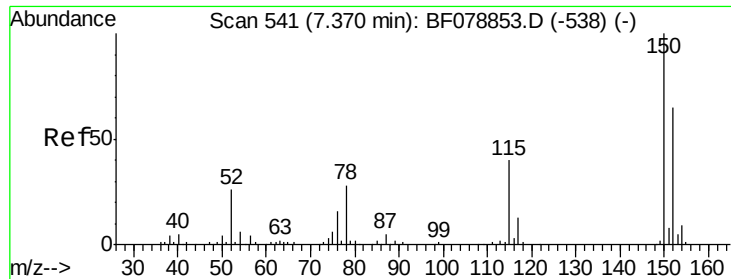
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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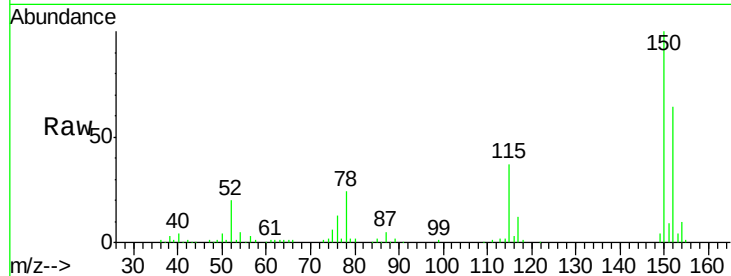


#1

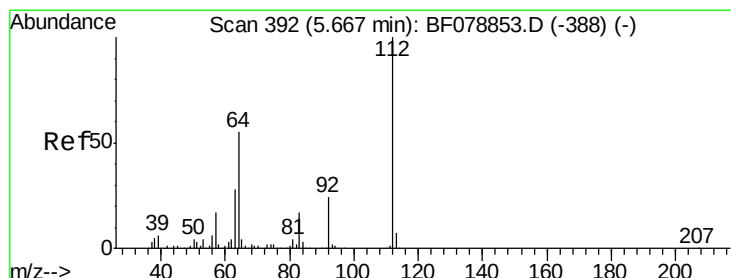
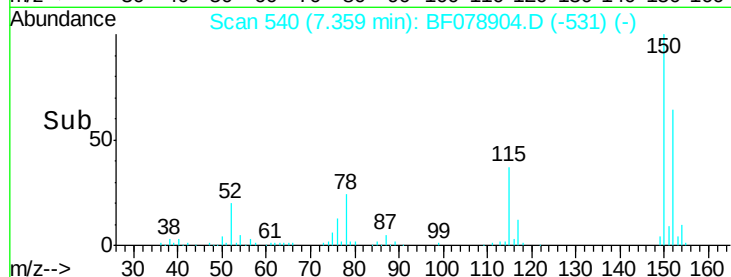
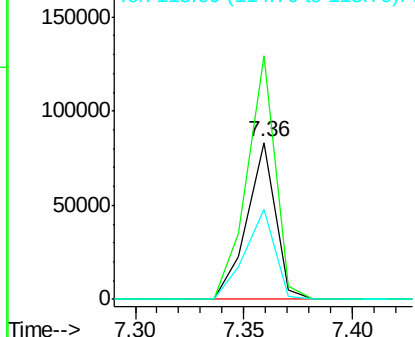
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF078904.D
Acq: 1 May 2015 20:43

Instrument :
BNA_F
ClientSampleId :
PB83061BL

Tgt Ion:152 Resp: 76322
Ion Ratio Lower Upper
152 100
150 155.5 122.0 183.0
115 57.2 46.3 69.5



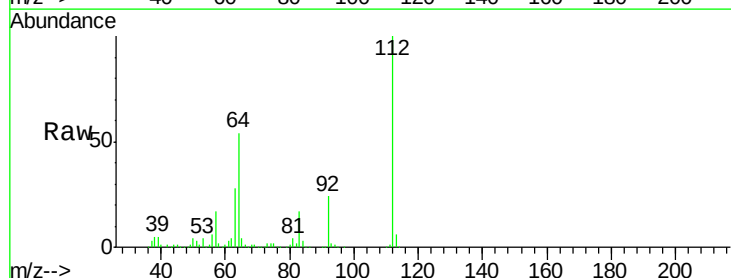
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



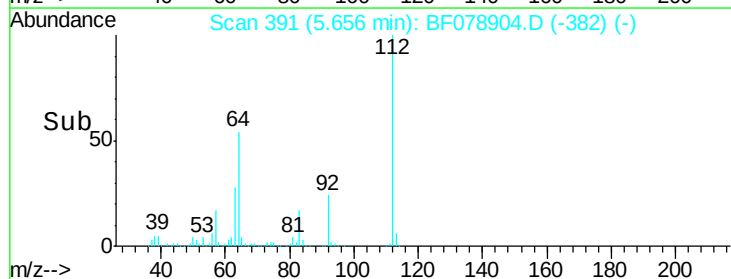
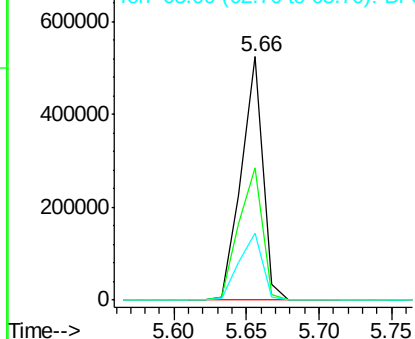
#5

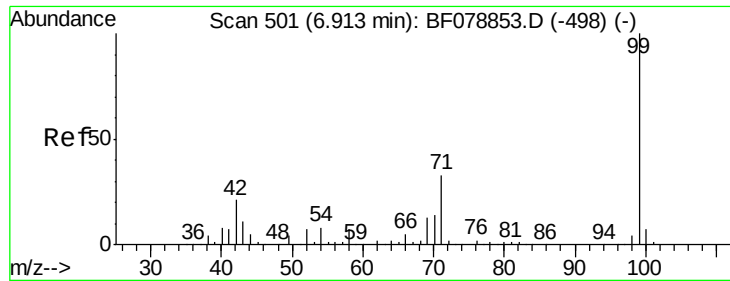
2-Fluorophenol
Concen: 122.22 ng
RT: 5.66 min Scan# 391
Delta R.T. -0.00 min
Lab File: BF078904.D
Acq: 1 May 2015 20:43

Tgt Ion:112 Resp: 541908
Ion Ratio Lower Upper
112 100
64 54.2 53.5 80.3
63 27.5 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: 111.09 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078904.D

Acq: 1 May 2015 20:43

Instrument :

BNA_F

ClientSampleId :

PB83061BL

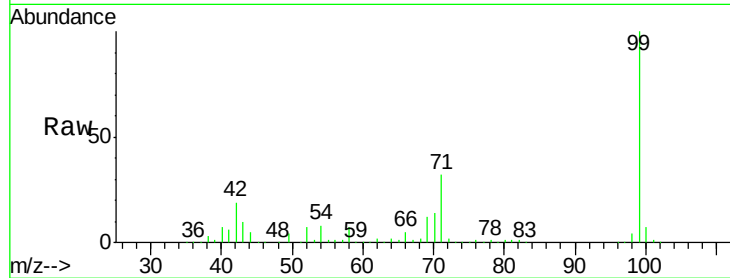
Tgt Ion: 99 Resp: 651051

Ion Ratio Lower Upper

99 100

42 19.5 12.8 19.2#

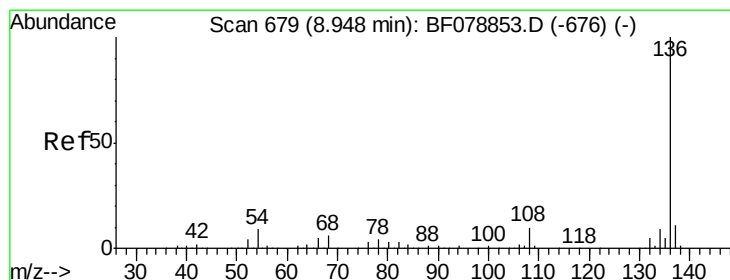
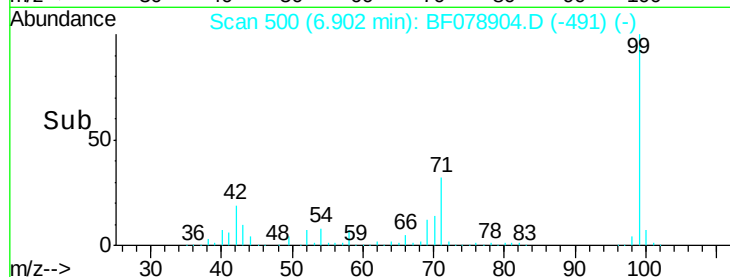
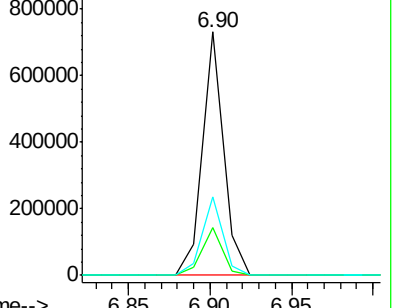
71 32.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.94 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF078904.D

Acq: 1 May 2015 20:43

Tgt Ion: 136 Resp: 308223

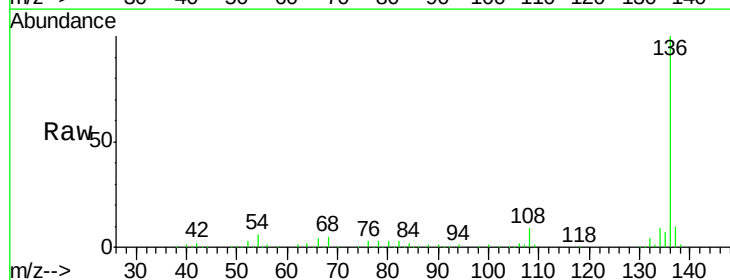
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 6.2 5.8 8.8

68 4.7 4.2 6.4

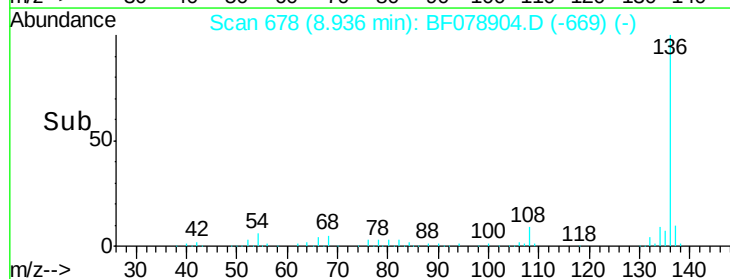
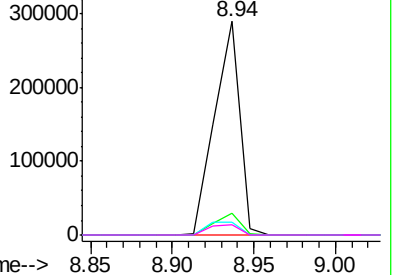


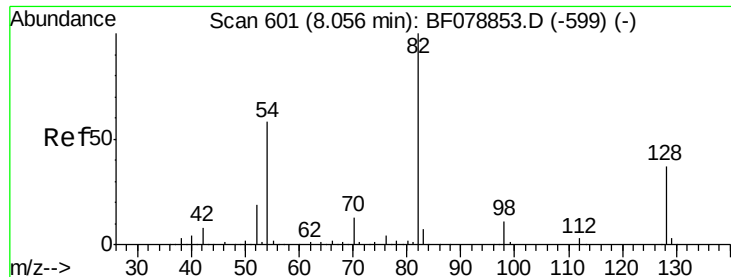
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)

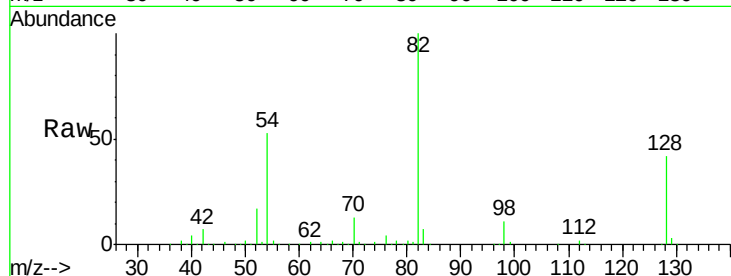




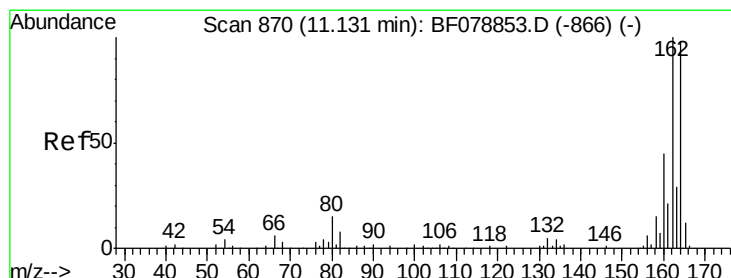
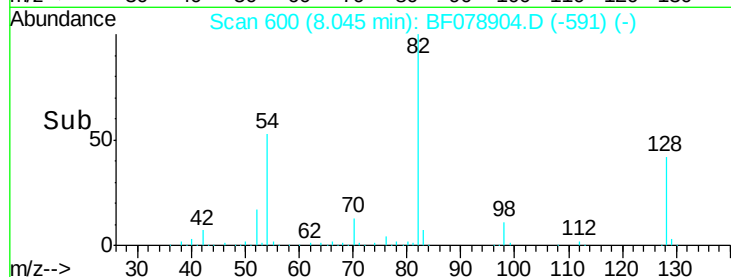
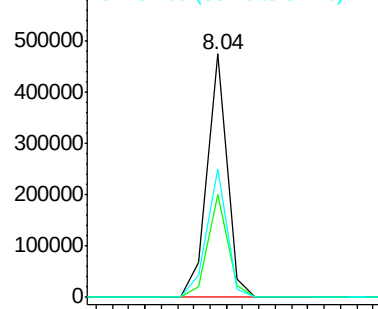
#23
 Nitrobenzene-d5
 Concen: 74.49 ng
 RT: 8.04 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF078904.D
 Acq: 1 May 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 PB83061BL

Tgt Ion: 82 Resp: 399484
 Ion Ratio Lower Upper
 82 100
 128 42.2 30.0 45.0
 54 52.7 46.4 69.6

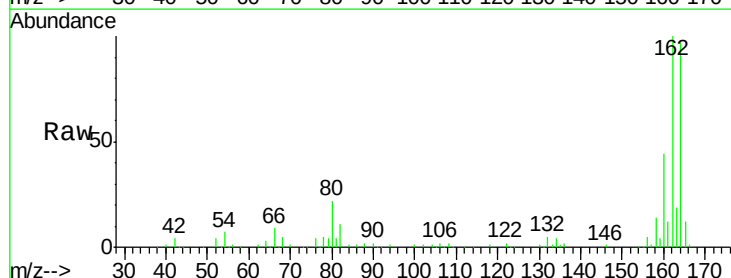


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

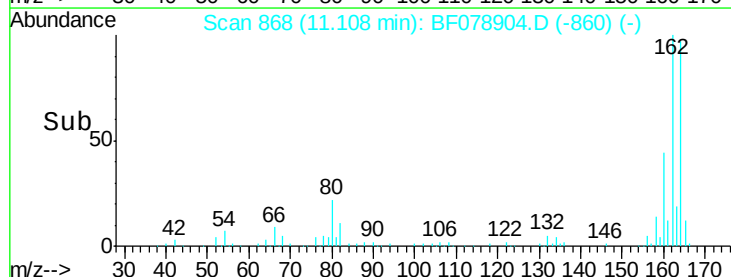
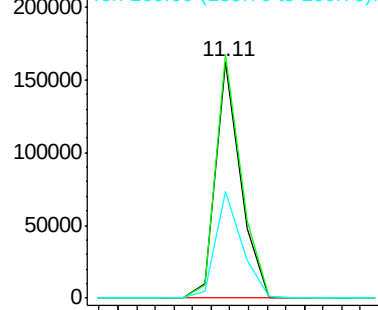


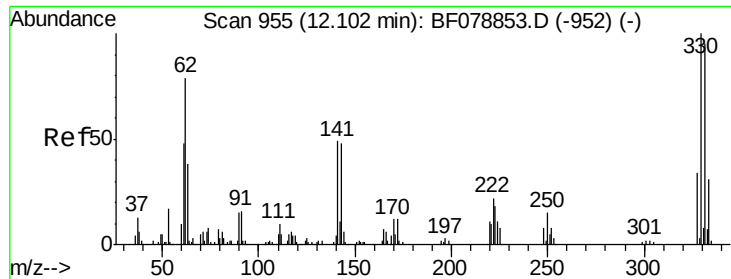
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078904.D
 Acq: 1 May 2015 20:43

Tgt Ion: 164 Resp: 151047
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.7 124.1
 160 45.4 35.8 53.8



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

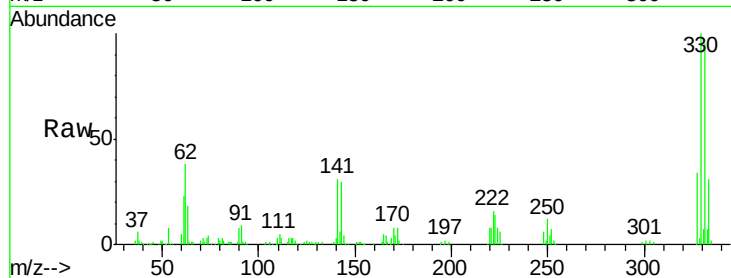




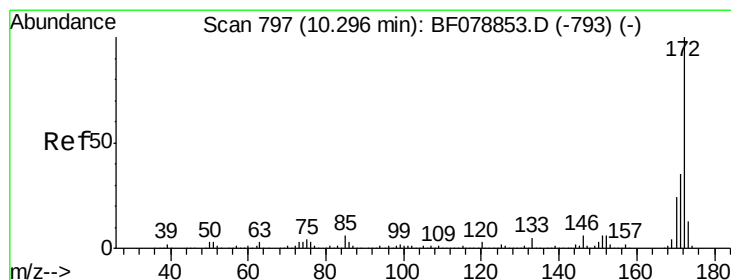
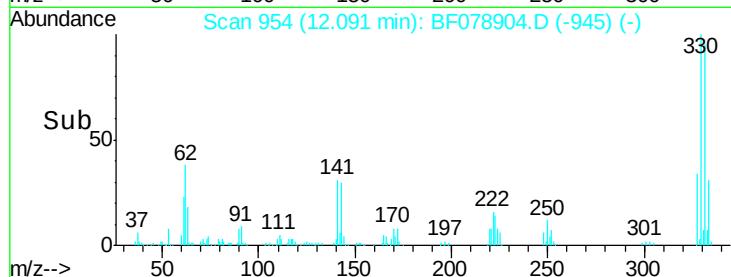
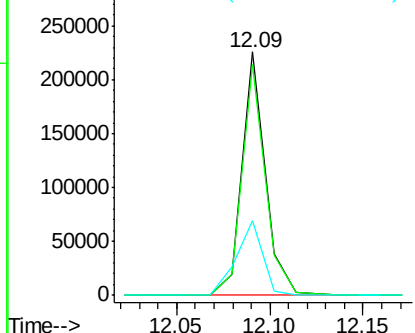
#41
 2,4,6-Tribromophenol
 Concen: 121.02 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF078904.D
 Acq: 1 May 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 PB83061BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	34.9	0.0	0.0#

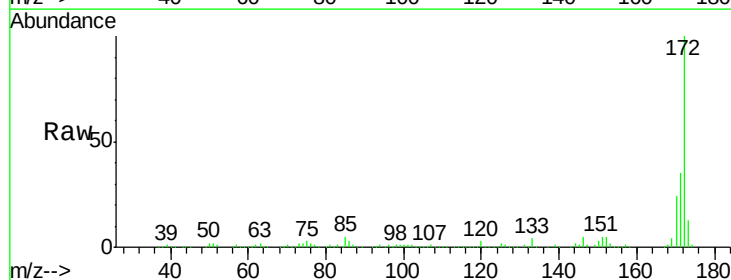


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

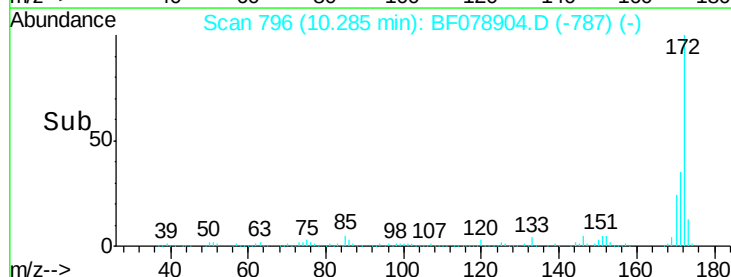
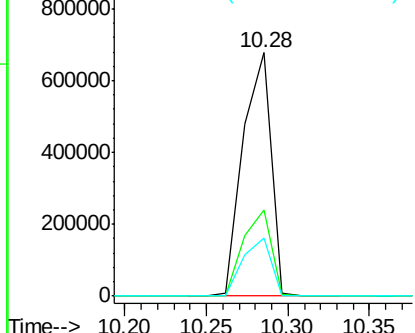


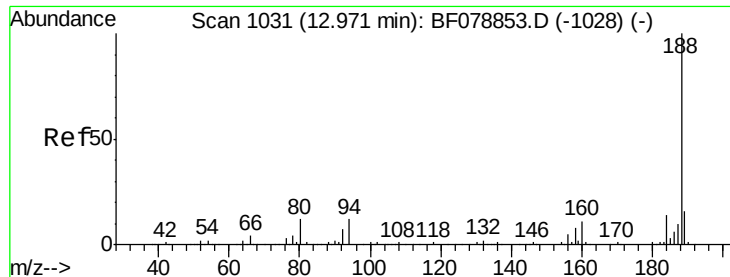
#44
 2-Fluorobiphenyl
 Concen: 74.43 ng
 RT: 10.28 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF078904.D
 Acq: 1 May 2015 20:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.7	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

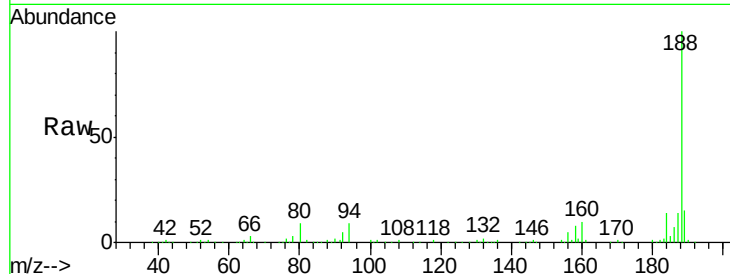




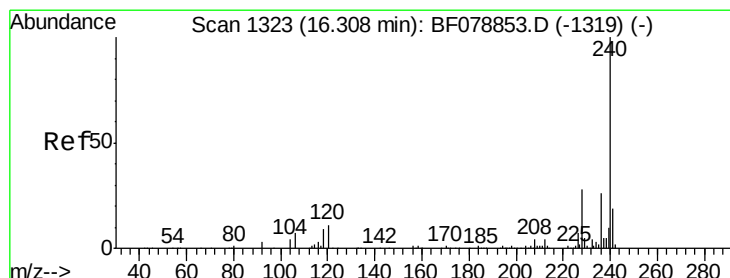
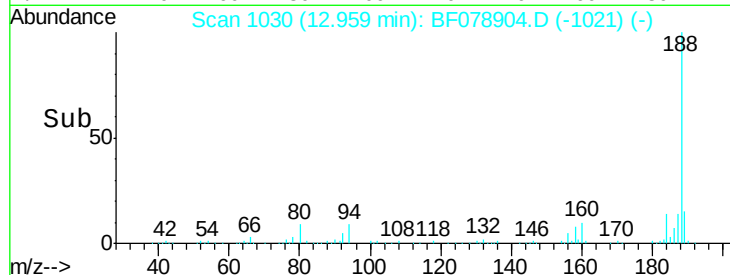
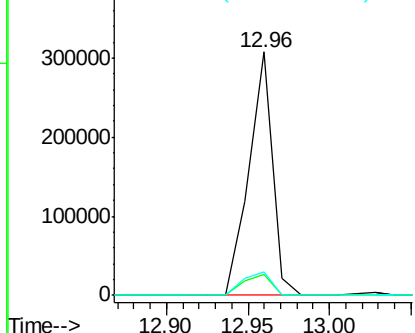
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF078904.D
Acq: 1 May 2015 20:43

Instrument :
BNA_F
ClientSampleId :
PB83061BL

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	308469		
94	8.7		8.2	12.2
80	9.5		8.9	13.3

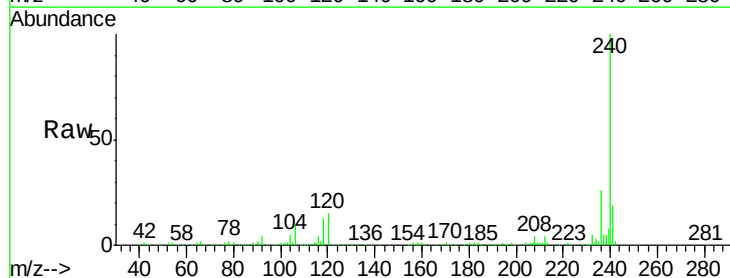


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

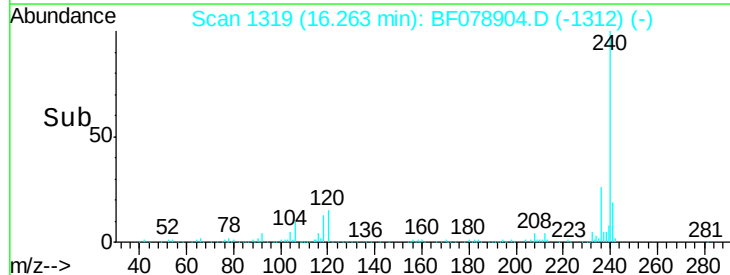
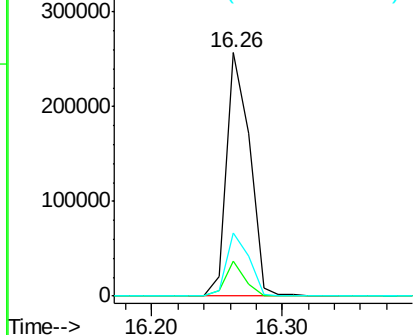


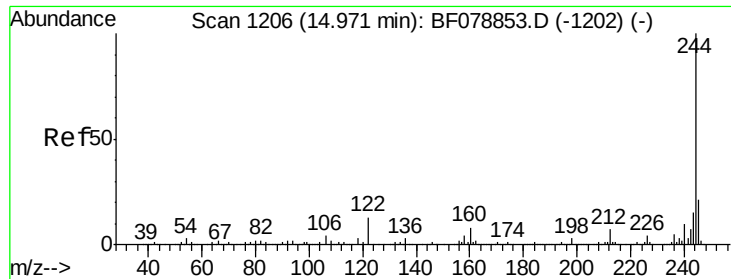
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BF078904.D
Acq: 1 May 2015 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	318182		
120	14.6		9.7	14.5#
236	25.7		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: 78.36 ng

RT: 14.96 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF078904.D

Acq: 1 May 2015 20:43

Instrument :

BNA_F

ClientSampleId :

PB83061BL

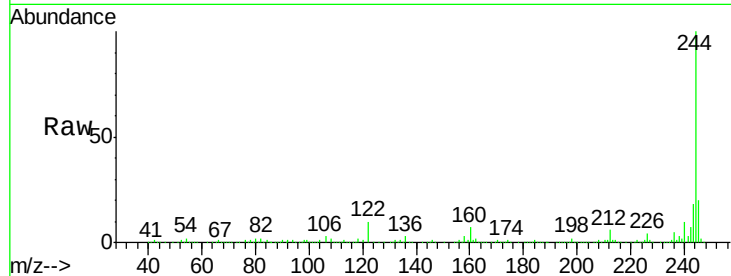
Tgt Ion:244 Resp: 1041339

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

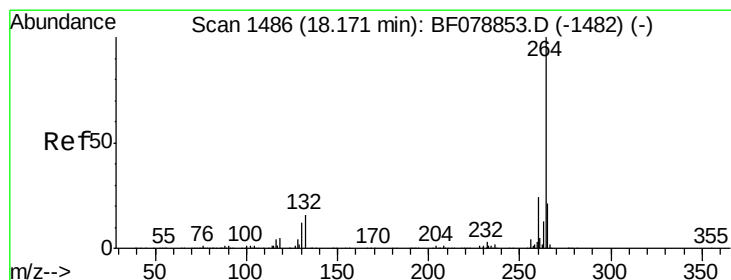
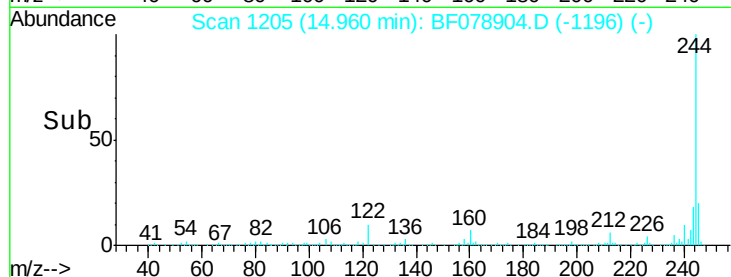
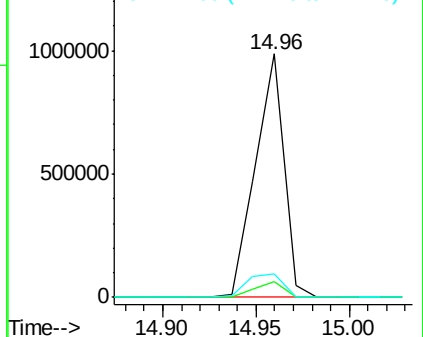
122 9.7 10.3 15.5#



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. -0.06 min

Lab File: BF078904.D

Acq: 1 May 2015 20:43

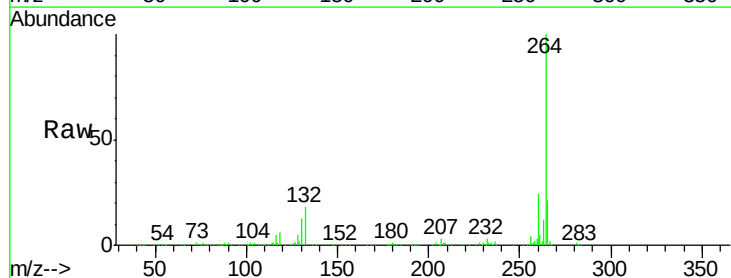
Tgt Ion:264 Resp: 318170

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.3 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

