

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
 Data File : BF078647.D
 Acq On : 20 Apr 2015 16:36
 Operator : TP/IZ
 Sample : PB82874BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BL

Quant Time: Apr 21 01:06:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	33032	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	135523	20.00	ng	0.00
38) Acenaphthene-d10	11.21	164	67597	20.00	ng	0.00
63) Phenanthrene-d10	13.94	188	133996	20.00	ng	0.00
75) Chrysene-d12	17.81	240	145740	20.00	ng	0.00
86) Perylene-d12	19.54	264	138356	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	3.87	112	231221	115.41	ng	0.00
7) Phenol-d6	5.36	99	294159	117.16	ng	0.00
23) Nitrobenzene-d5	6.80	82	172345	77.08	ng	0.00
41) 2,4,6-Tribromophenol	12.69	330	73471	131.05	ng	0.00
44) 2-Fluorobiphenyl	10.03	172	363704	76.91	ng	0.00
78) Terphenyl-d14	16.47	244	440777	68.34	ng	0.00

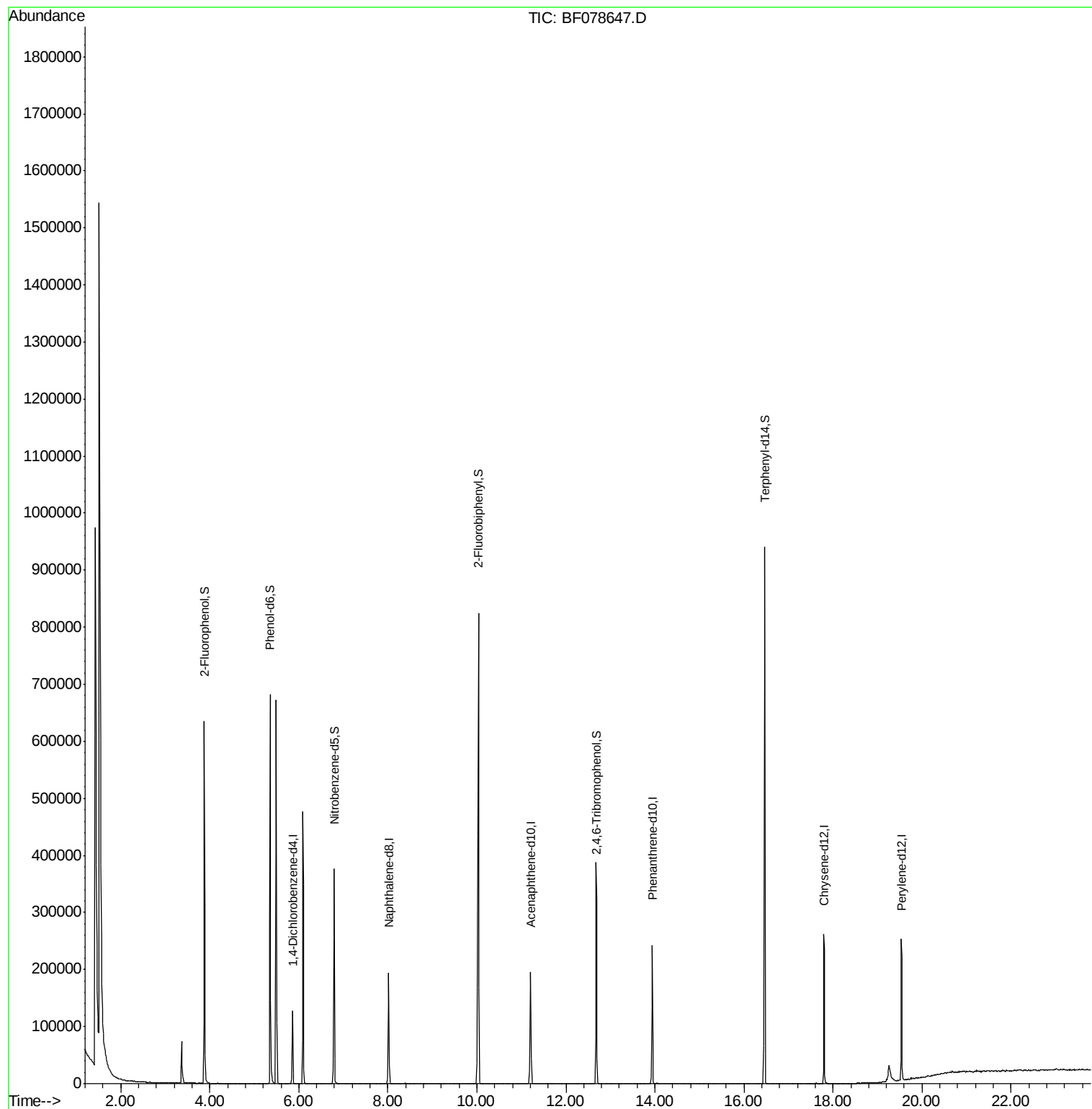
Target Compounds	Qvalue
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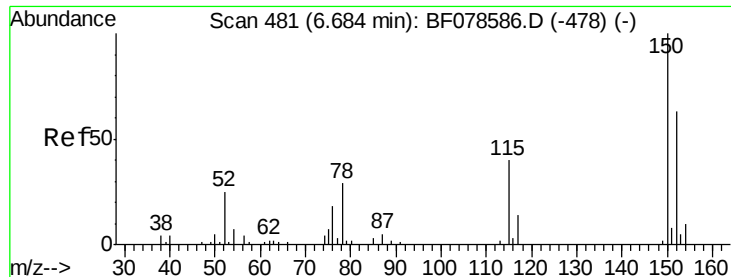
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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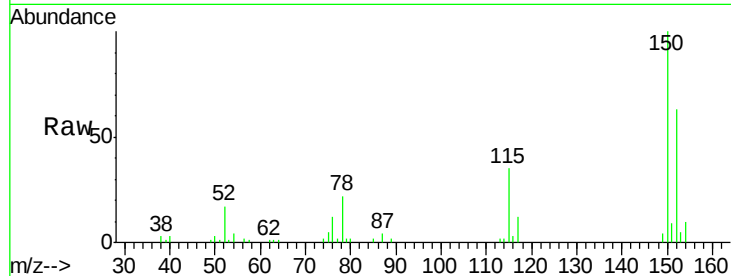




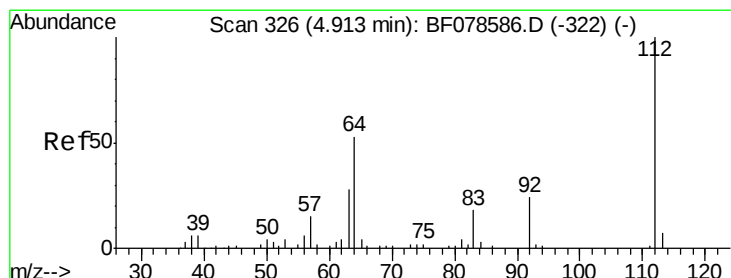
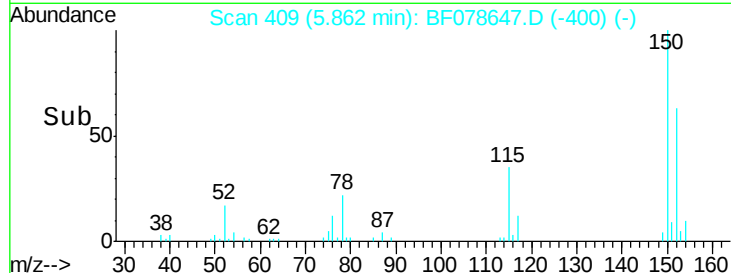
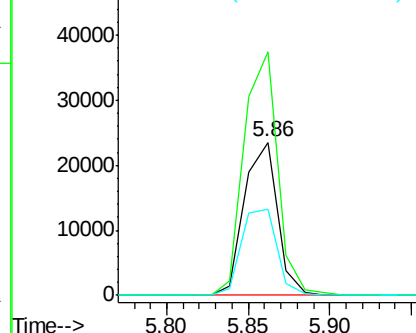
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.86 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF078647.D
 Acq: 20 Apr 2015 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB82874BL

Tgt Ion:152 Resp: 33032
 Ion Ratio Lower Upper
 152 100
 150 159.3 125.9 188.9
 115 56.1 52.7 79.1

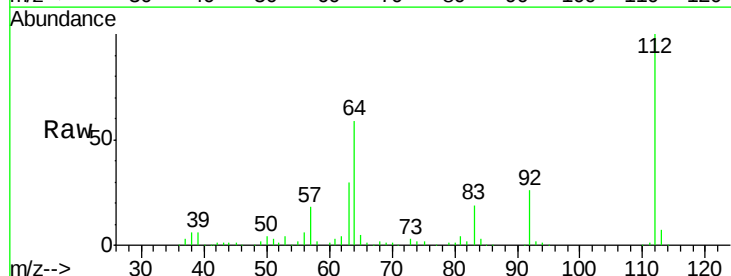


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

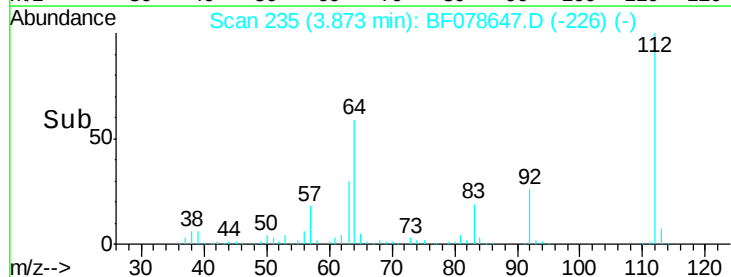
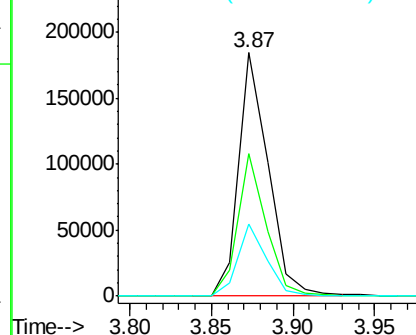


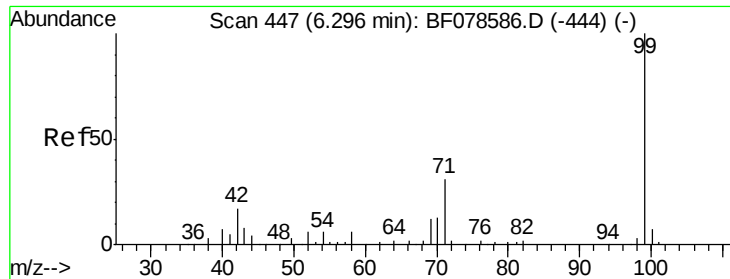
#5
 2-Fluorophenol
 Concen: 115.41 ng
 RT: 3.87 min Scan# 235
 Delta R.T. 0.00 min
 Lab File: BF078647.D
 Acq: 20 Apr 2015 16:36

Tgt Ion:112 Resp: 231221
 Ion Ratio Lower Upper
 112 100
 64 58.7 39.9 59.9
 63 29.9 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: 117.16 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078647.D

Acq: 20 Apr 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB82874BL

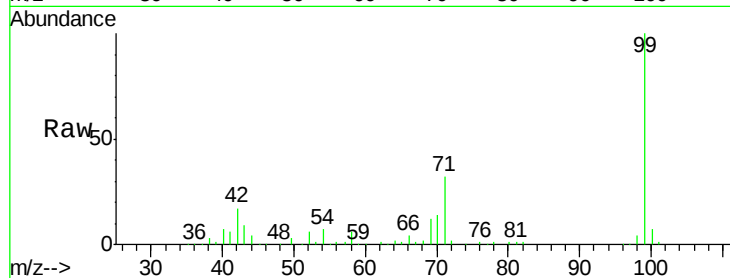
Tgt Ion: 99 Resp: 294159

Ion Ratio Lower Upper

99 100

42 17.3 14.8 22.2

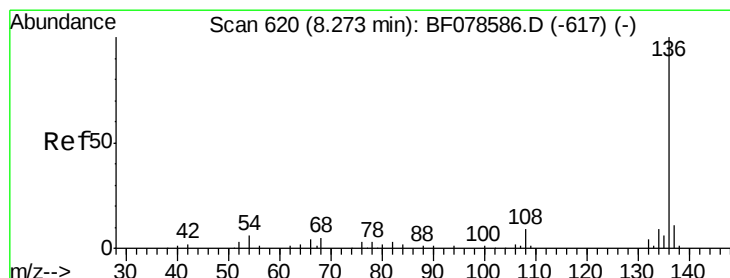
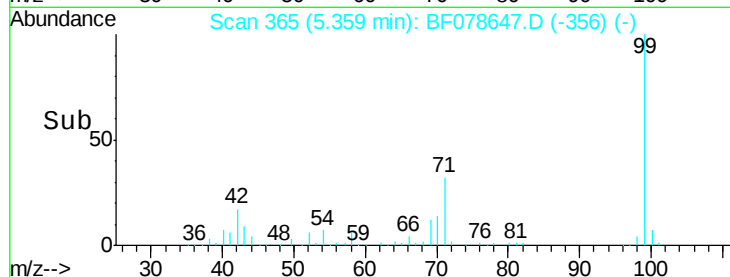
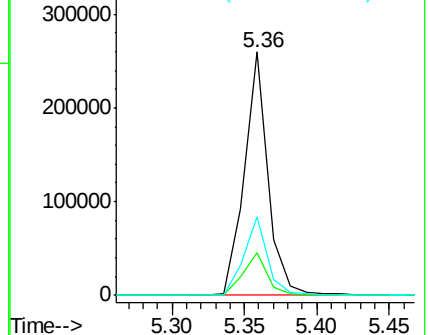
71 32.1 26.6 39.8



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: 8.02 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF078647.D

Acq: 20 Apr 2015 16:36

Tgt Ion: 136 Resp: 135523

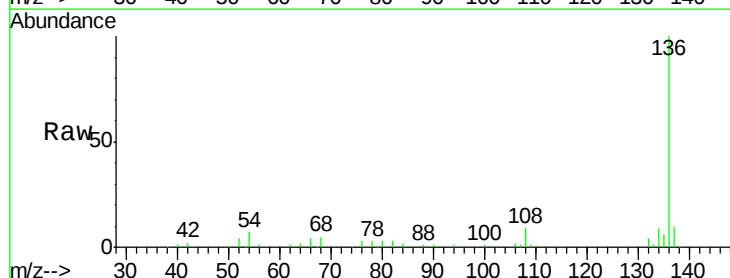
Ion Ratio Lower Upper

136 100

137 10.1 9.0 13.4

54 6.6 7.0 10.6#

68 4.7 5.4 8.2#

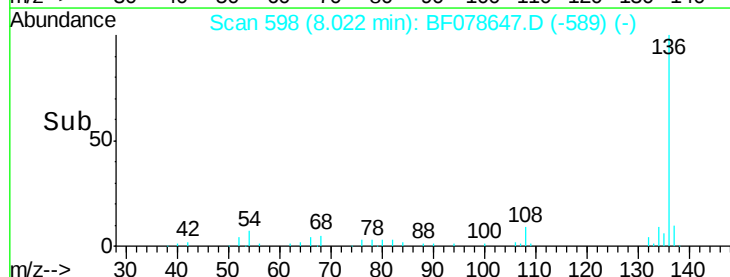
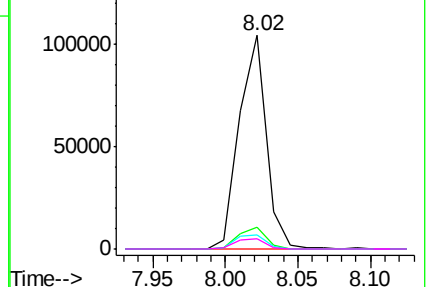


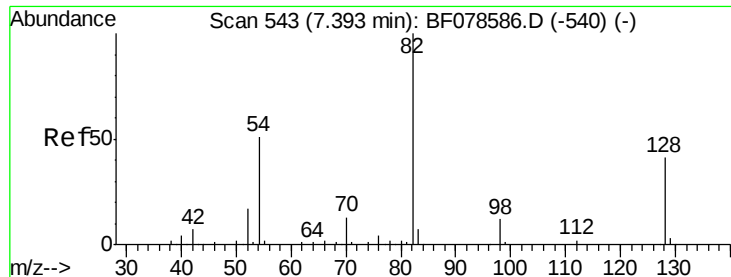
Abundance Ion 136.00 (135.70 to 136.70): E

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

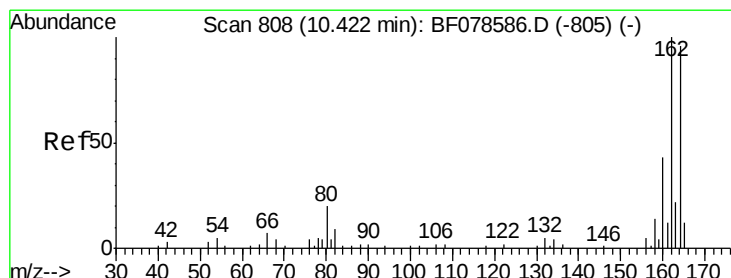
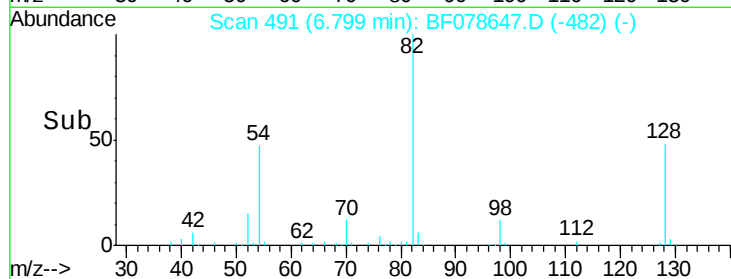
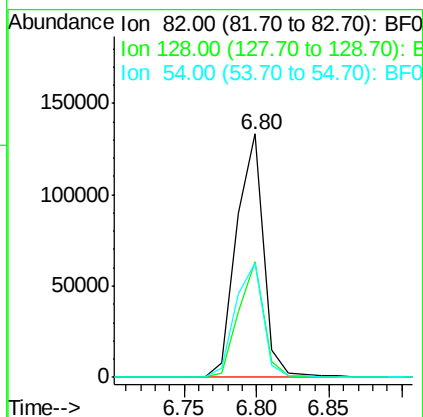
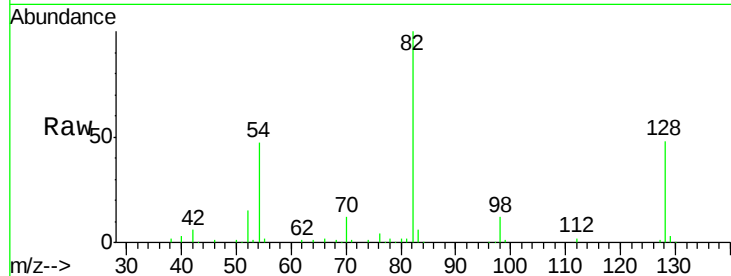




#23
 Nitrobenzene-d5
 Concen: 77.08 ng
 RT: 6.80 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF078647.D
 Acq: 20 Apr 2015 16:36

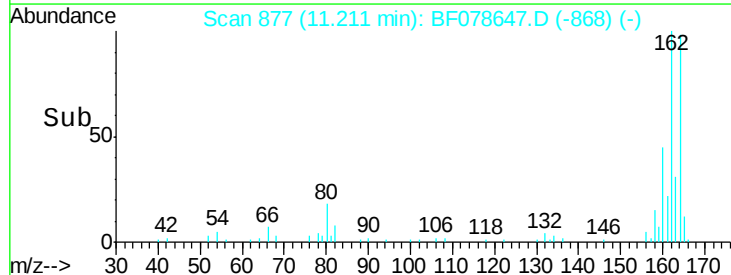
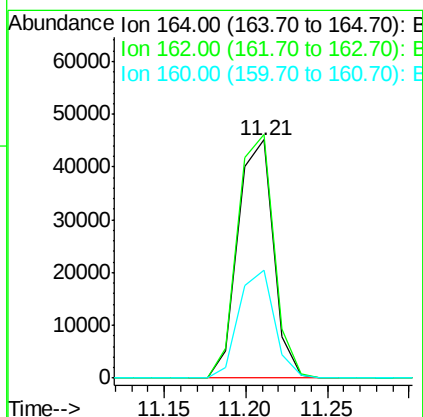
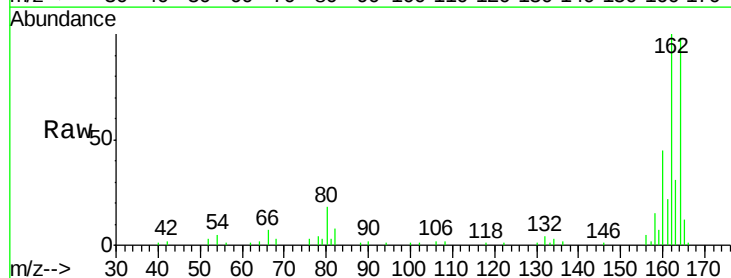
Instrument :
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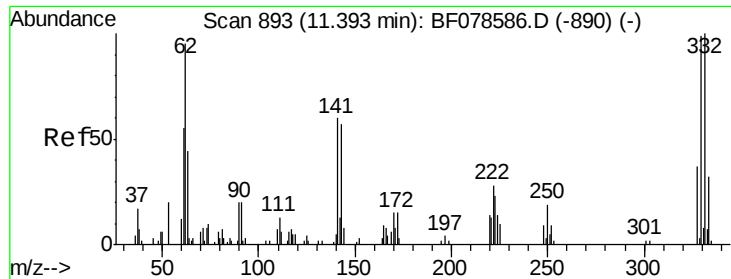
Tgt Ion: 82 Resp: 172345
 Ion Ratio Lower Upper
 82 100
 128 47.6 31.8 47.8
 54 47.0 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF078647.D
 Acq: 20 Apr 2015 16:36

Tgt Ion: 164 Resp: 67597
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.2 123.2
 160 45.6 34.7 52.1

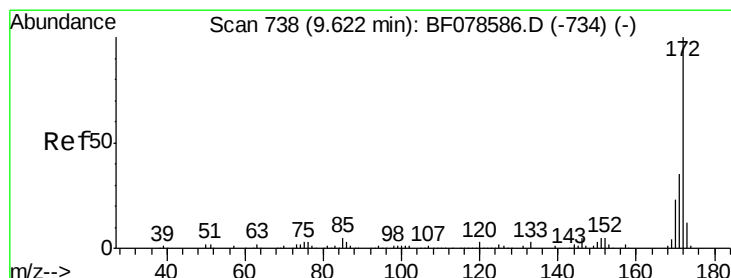
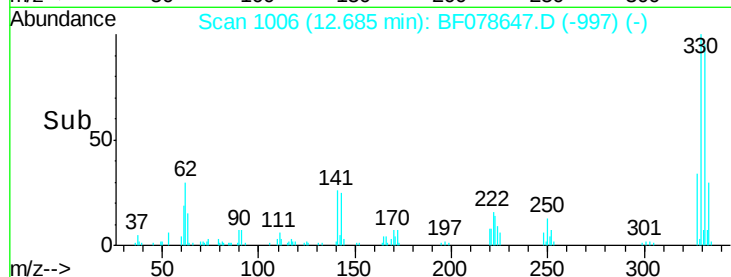
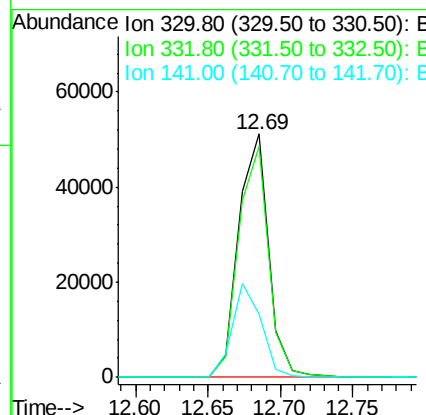
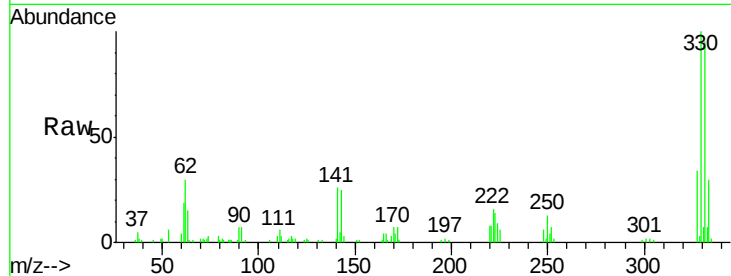




#41
 2,4,6-Tribromophenol
 Concen: 131.05 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF078647.D
 Acq: 20 Apr 2015 16:36

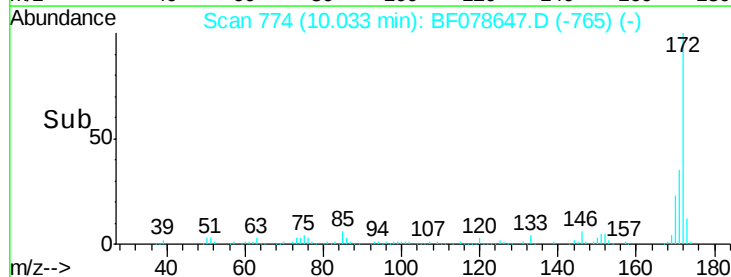
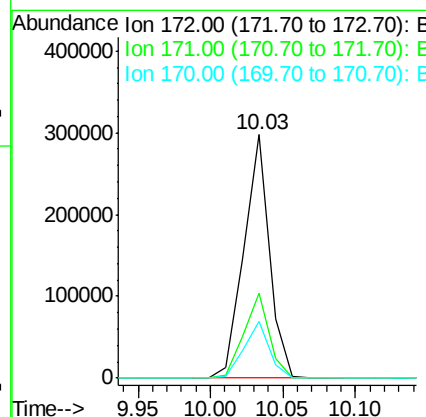
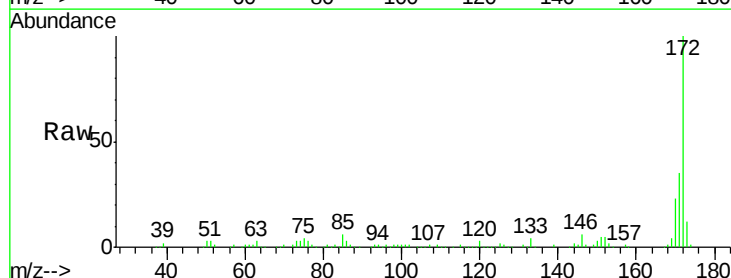
Instrument :
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 ClientSampleId :
 PB82874BL

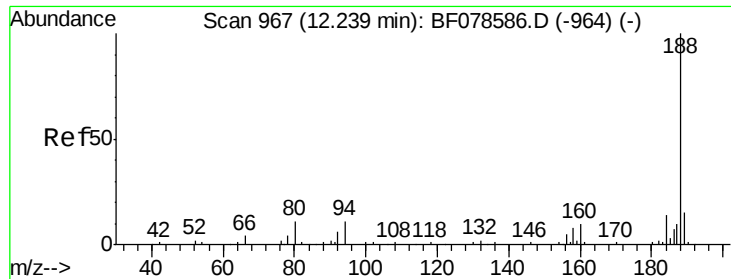
Tgt Ion:330 Resp: 73471
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.6 117.8
 141 37.1 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 76.91 ng
 RT: 10.03 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078647.D
 Acq: 20 Apr 2015 16:36

Tgt Ion:172 Resp: 363704
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 42.8
 170 23.3 18.5 27.7

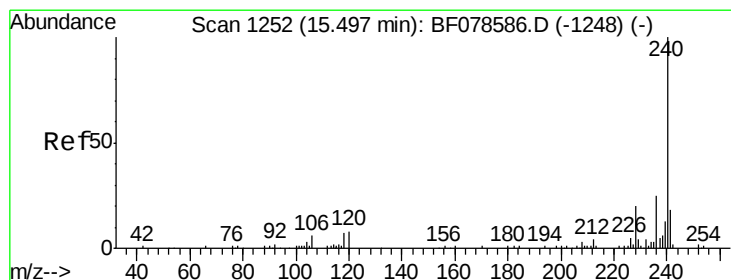
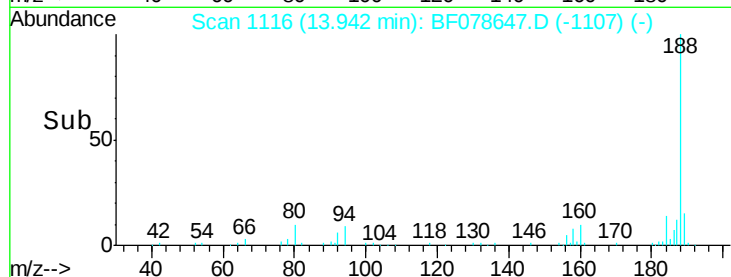
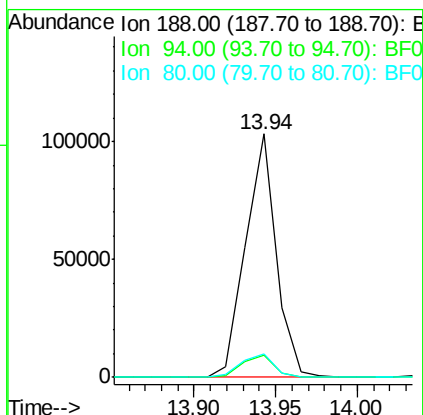
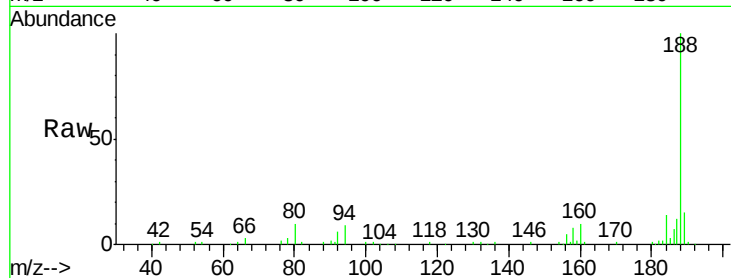




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF078647.D
 Acq: 20 Apr 2015 16:36

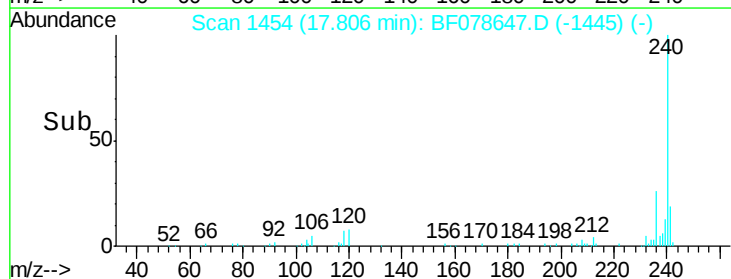
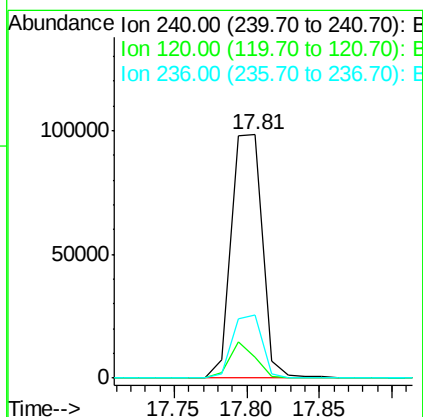
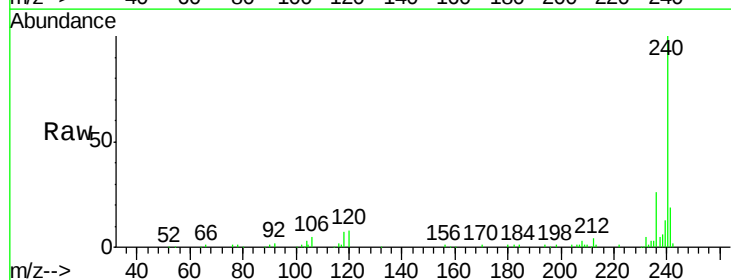
Instrument :
 BNA_F
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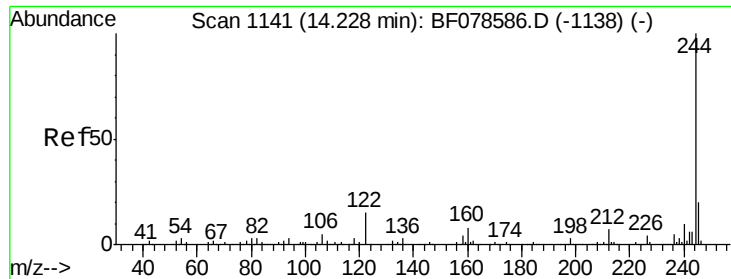
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	133996		
94	9.0		9.0	13.4
80	9.5		9.5	14.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.81 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF078647.D
 Acq: 20 Apr 2015 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	145740		
120	8.5		7.1	10.7
236	25.8		21.4	32.2





#78

Terphenyl-d14

Concen: 68.34 ng

RT: 16.47 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF078647.D

Acq: 20 Apr 2015 16:36

Instrument :

BNA_F

ClientSampleId :

PB82874BL

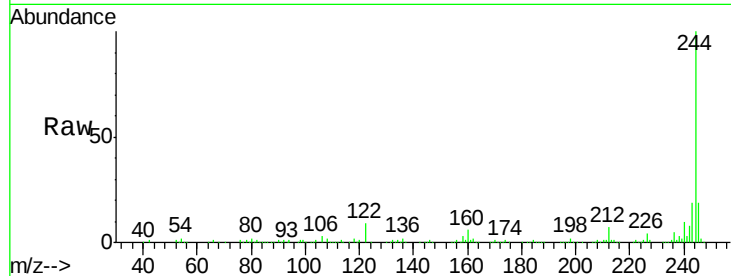
Tgt Ion:244 Resp: 440777

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

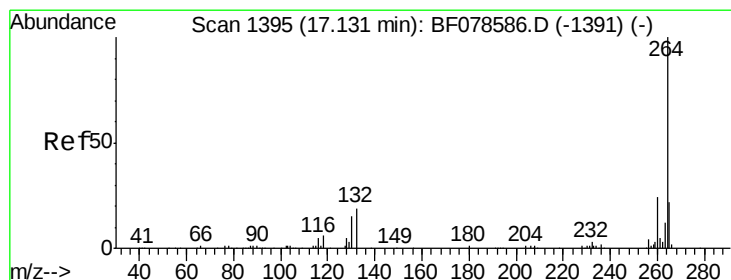
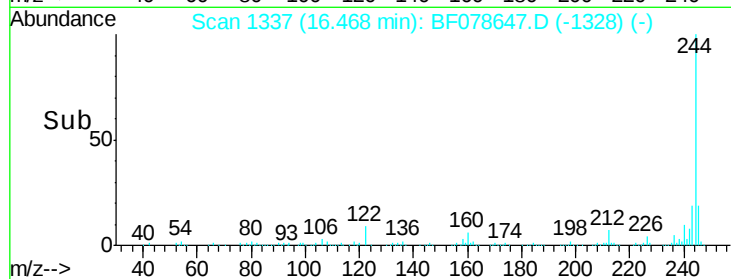
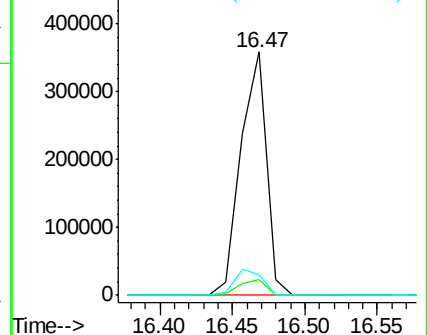
122 8.8 7.1 10.7



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: 19.54 min Scan# 1606

Delta R.T. 0.01 min

Lab File: BF078647.D

Acq: 20 Apr 2015 16:36

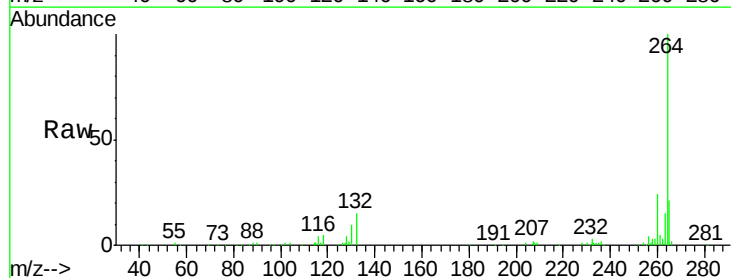
Tgt Ion:264 Resp: 138356

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 20.8 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

