

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122915\
 Data File : BM003829.D
 Acq On : 28 Dec 2015 15:33
 Operator : UM/SJ
 Sample : PB87573BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 4

Instrument :
 BNA_M
 ClientSampleId :
 PB87573BL

Quant Time: Dec 29 12:58:04 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 10:08:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	277837	20.00	ng	0.00
7) Naphthalene-d8	10.46	136	1098982	20.00	ng	-0.02
13) Acenaphthene-d10	14.33	164	556823	20.00	ng	0.00
19) Phenanthrene-d10	17.06	188	859143	20.00	ng	0.00
26) Chrysene-d12	21.29	240	706675	20.00	ng	0.00
35) Perylene-d12	23.53	264	614201	20.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	1659715	101.13	ng	0.02
5) Phenol-d6	6.87	99	2002279	99.62	ng	0.00
8) Nitrobenzene-d5	8.85	82	1172591	80.54	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	419777	94.69	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	2750786	64.59	ng	0.00
29) Terphenyl-d14	19.72	244	1494694	53.97	ng	0.00

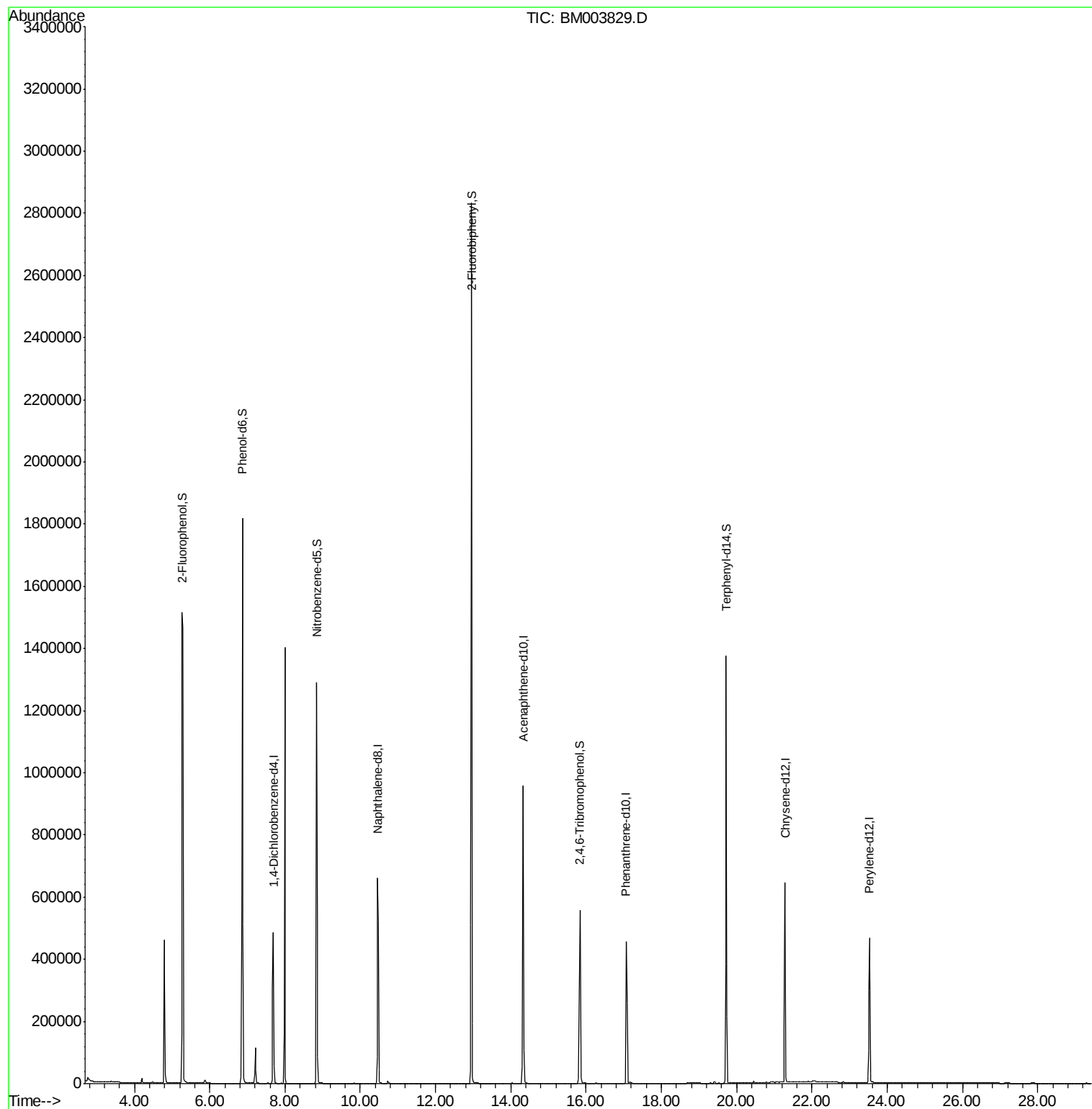
Target Compounds Qvalue

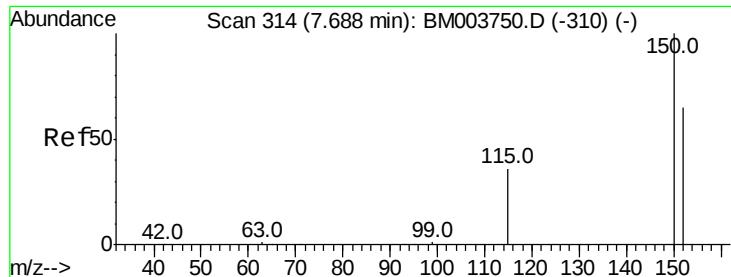
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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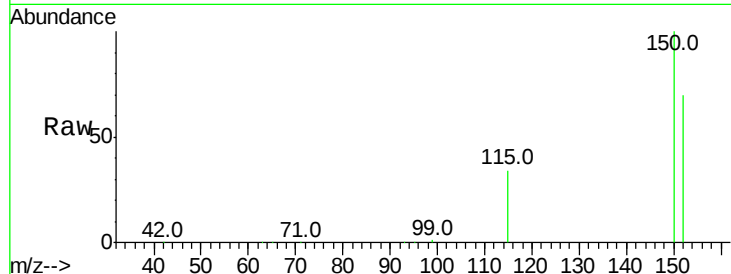


#1

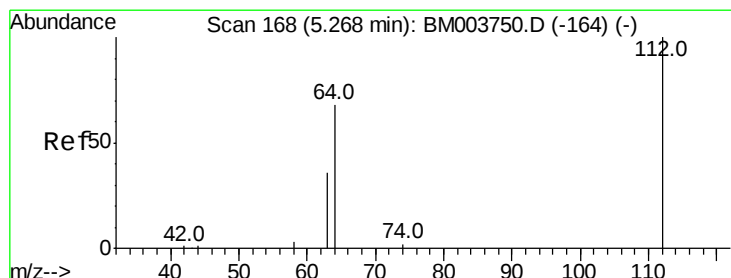
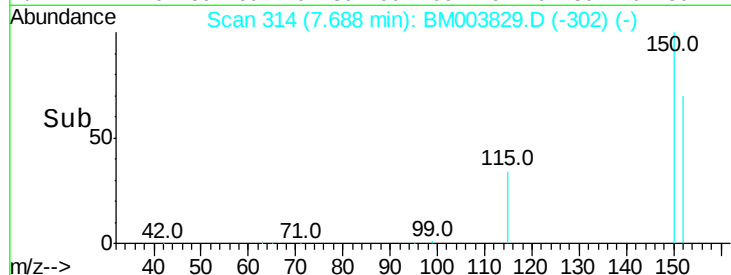
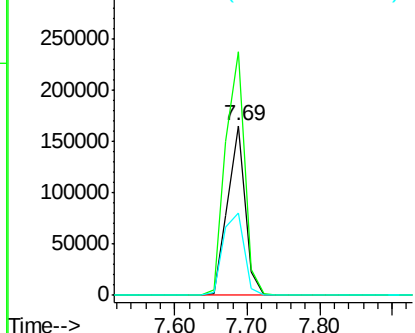
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 314
 Delta R.T. 0.00 min
 Lab File: BM003829.D
 Acq: 28 Dec 2015 15:33

Instrument :
 BNA_M
 ClientSampleId :
 PB87573BL

Tot Ion:152 Resp: 277837
 Ion Ratio Lower Upper
 152 100
 150 143.5 122.9 184.3
 115 48.6 44.4 66.6



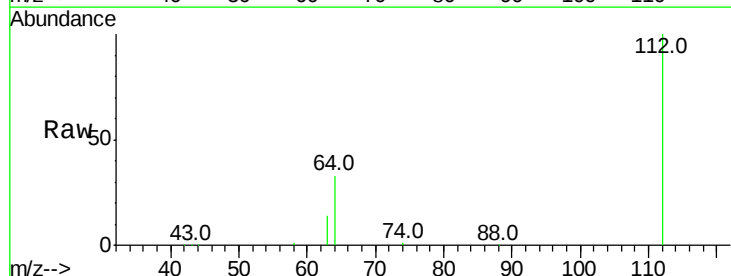
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



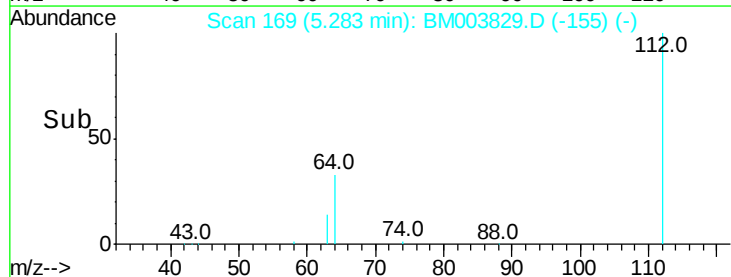
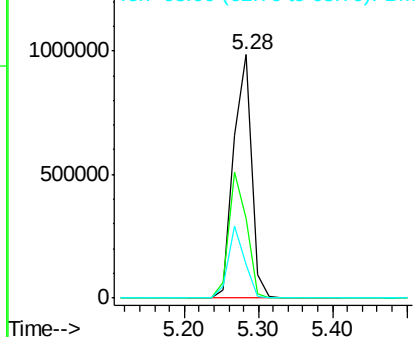
#4

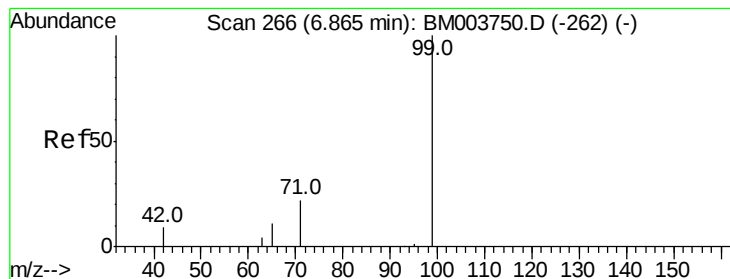
2-Fluorophenol
 Concen: 101.13 ng
 RT: 5.28 min Scan# 169
 Delta R.T. 0.02 min
 Lab File: BM003829.D
 Acq: 28 Dec 2015 15:33

Tgt Ion:112 Resp: 1659715
 Ion Ratio Lower Upper
 112 100
 64 51.3 41.8 62.8
 63 26.9 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 99.62 ng

RT: 6.87 min Scan# 266

Delta R.T. 0.00 min

Lab File: BM003829.D

Acq: 28 Dec 2015 15:33

Instrument :

BNA_M

ClientSampleId :

PB87573BL

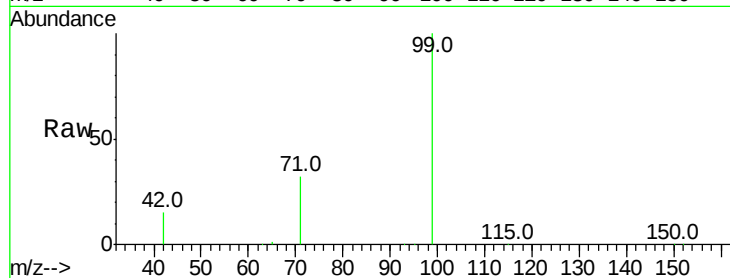
Tot Ion: 99 Resp: 2002279

Ion Ratio Lower Upper

99 100

42 18.6 16.2 24.2

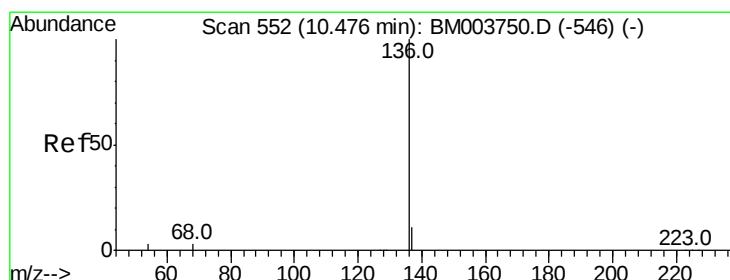
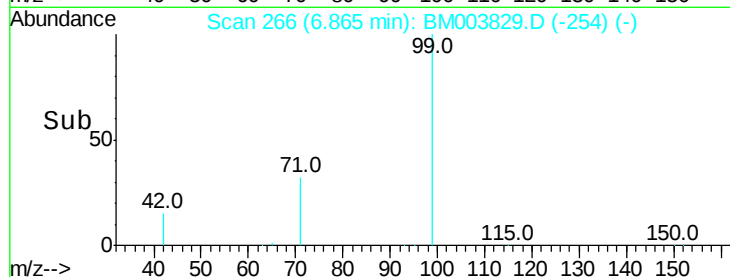
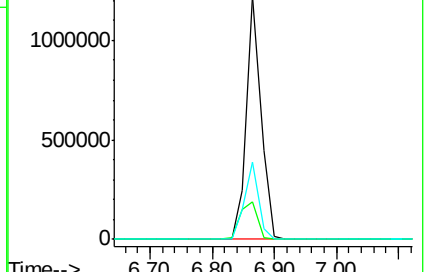
71 31.0 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BM003750.D (-262) (-)

Ion 42.00 (41.70 to 42.70): BM003750.D (-262) (-)

Ion 71.00 (70.70 to 71.70): BM003750.D (-262) (-)



#7

Naphthalene-d8

Concen: 20.00 ng

RT: 10.46 min Scan# 551

Delta R.T. -0.02 min

Lab File: BM003829.D

Acq: 28 Dec 2015 15:33

Tgt Ion: 136 Resp: 1098982

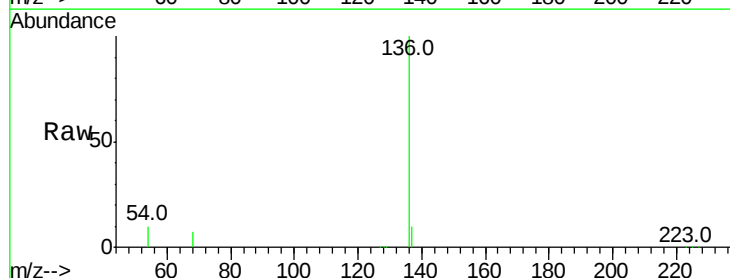
Ion Ratio Lower Upper

136 100

137 10.1 9.2 13.8

54 9.7 2.8 4.2#

68 7.1 2.5 3.7#

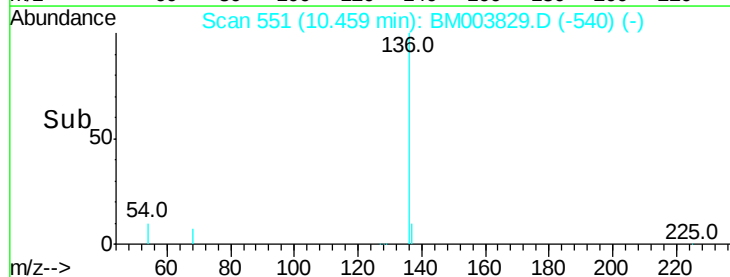
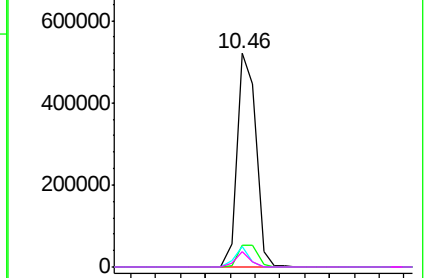


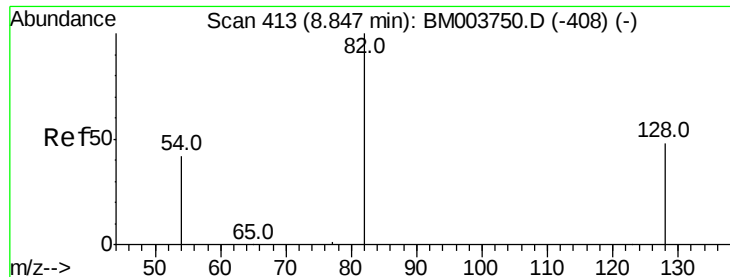
Abundance Ion 136.00 (135.70 to 136.70): BM003750.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM003750.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM003750.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM003750.D (-546) (-)





#8

Nitrobenzene-d5

Concen: 80.54 ng

RT: 8.85 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM003829.D

Acq: 28 Dec 2015 15:33

Instrument :

BNA_M

ClientSampleId :

PB87573BL

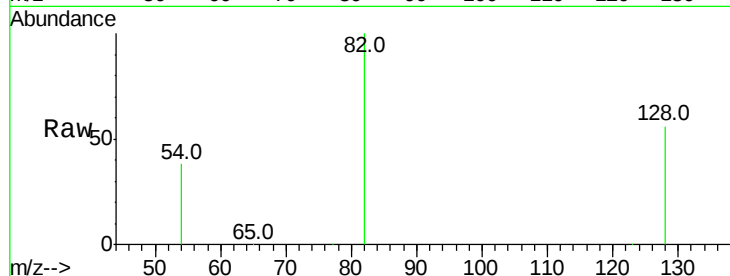
Tot Ion: 82 Resp: 1172591

Ion Ratio Lower Upper

82 100

128 55.8 39.1 58.7

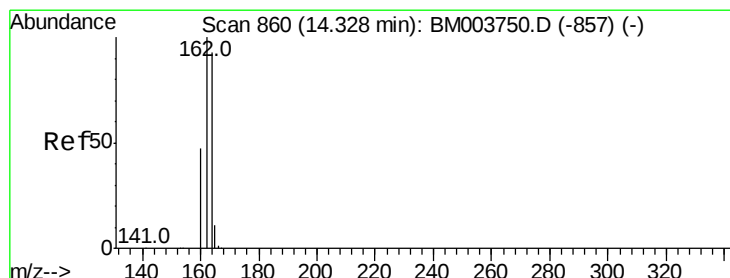
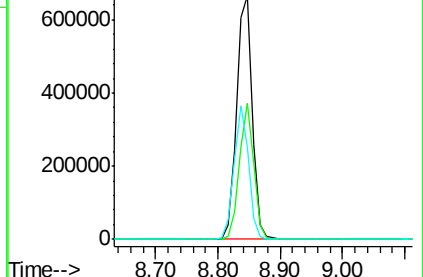
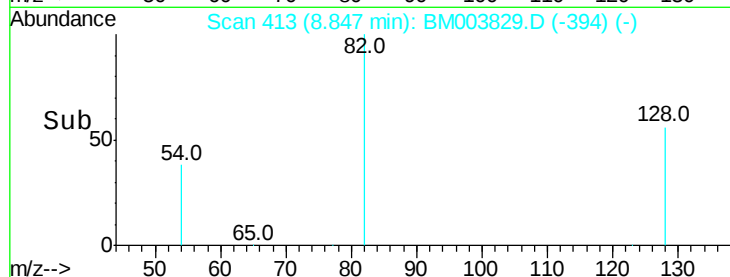
54 37.9 34.8 52.2



Abundance Ion 82.00 (81.70 to 82.70): BM003750.D (-408) (-)

Ion 128.00 (127.70 to 128.70): BM003750.D (-408) (-)

Ion 54.00 (53.70 to 54.70): BM003750.D (-408) (-)



#13

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003829.D

Acq: 28 Dec 2015 15:33

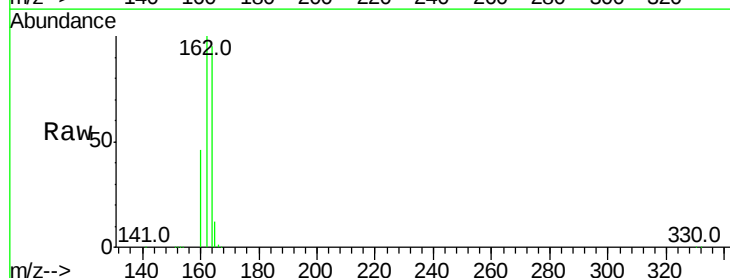
Tgt Ion: 164 Resp: 556823

Ion Ratio Lower Upper

164 100

162 105.2 86.0 129.0

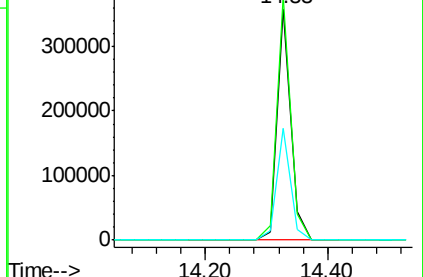
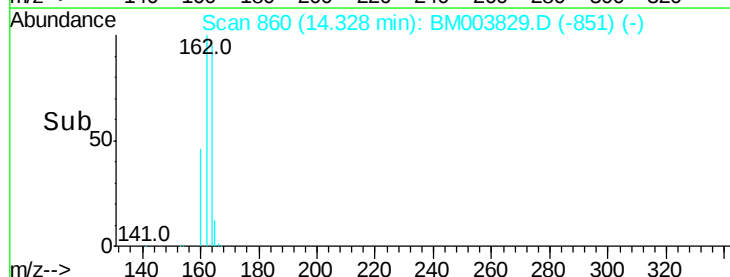
160 48.4 40.3 60.5

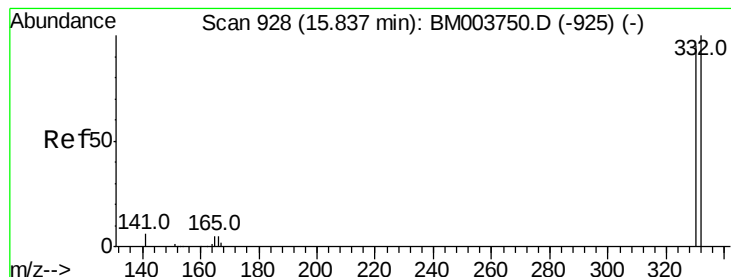


Abundance Ion 164.00 (163.70 to 164.70): BM003750.D (-857) (-)

Ion 162.00 (161.70 to 162.70): BM003750.D (-857) (-)

Ion 160.00 (159.70 to 160.70): BM003750.D (-857) (-)

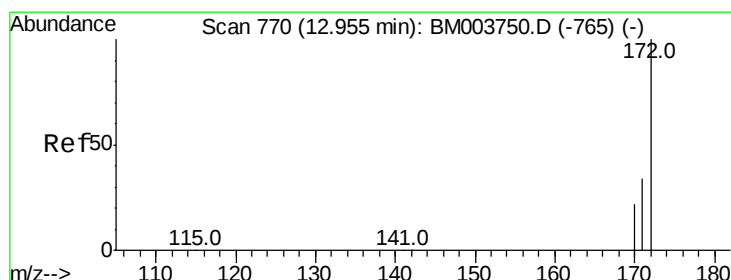
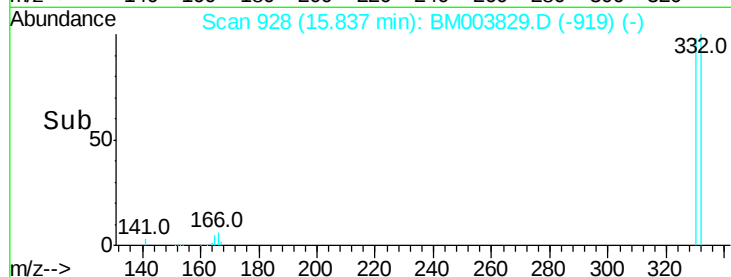
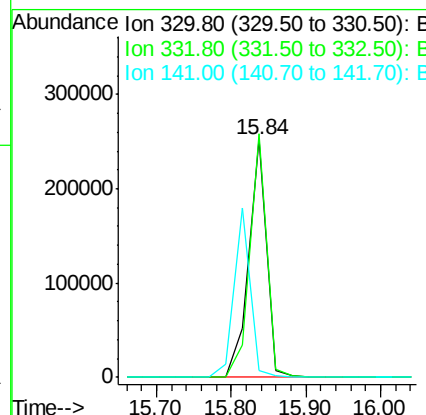
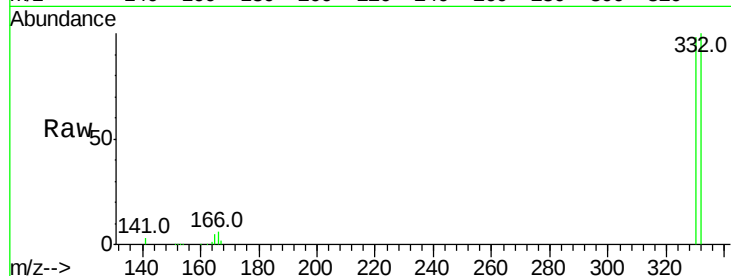




#14
 2,4,6-Tribromophenol
 Concen: 94.69 ng
 RT: 15.84 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BM003829.D
 Acq: 28 Dec 2015 15:33

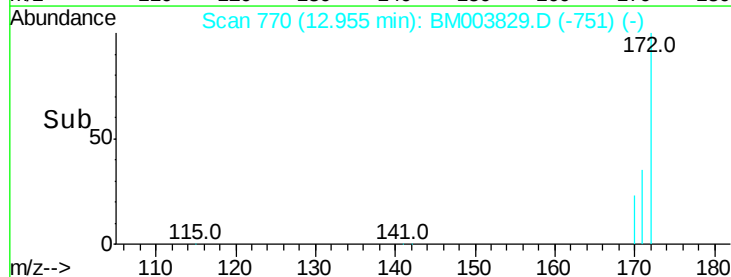
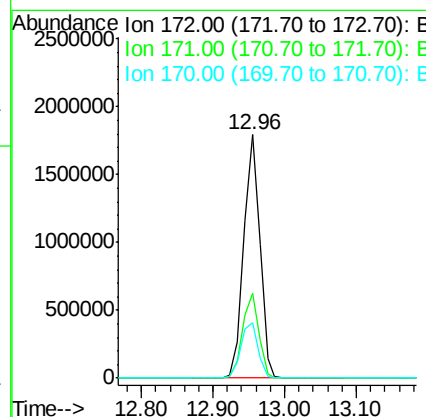
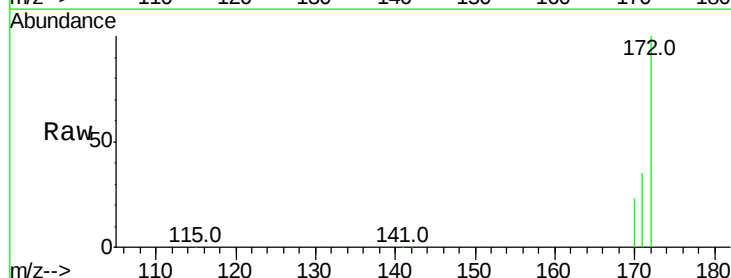
Instrument :
 BNA_M
 ClientSampleId :
 PB87573BL

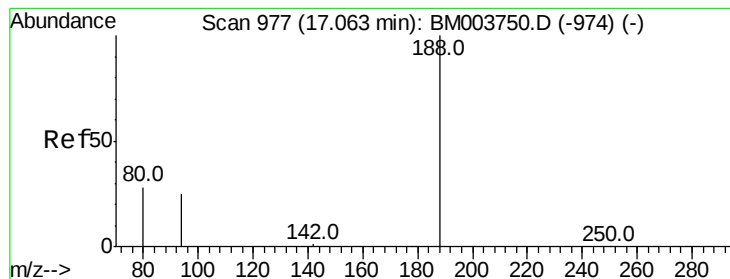
Tot Ion:330 Resp: 419777
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 0.0 0.0 0.0



#15
 2-Fluorobiphenyl
 Concen: 64.59 ng
 RT: 12.96 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BM003829.D
 Acq: 28 Dec 2015 15:33

Tgt Ion:172 Resp: 2750786
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.0 40.6
 170 22.8 17.9 26.9





#19

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM003829.D

Acq: 28 Dec 2015 15:33

Instrument :

BNA_M

ClientSampleId :

PB87573BL

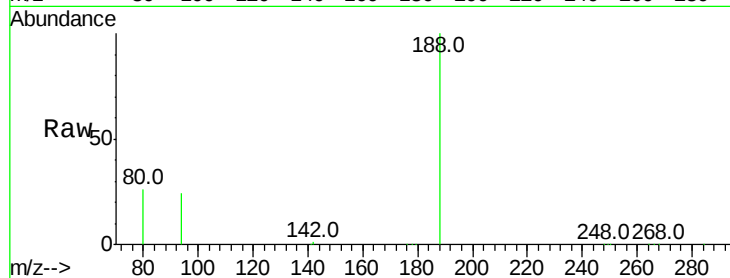
Tot Ion:188 Resp: 859143

Ion Ratio Lower Upper

188 100

94 23.8 20.3 30.5

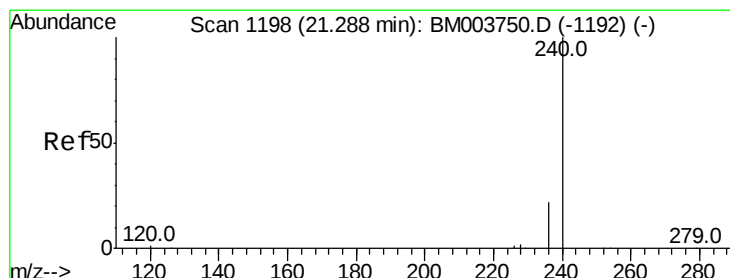
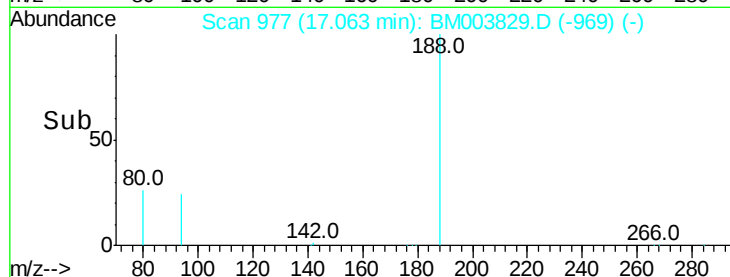
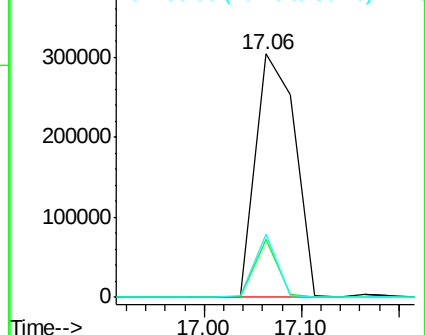
80 26.0 22.2 33.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#26

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BM003829.D

Acq: 28 Dec 2015 15:33

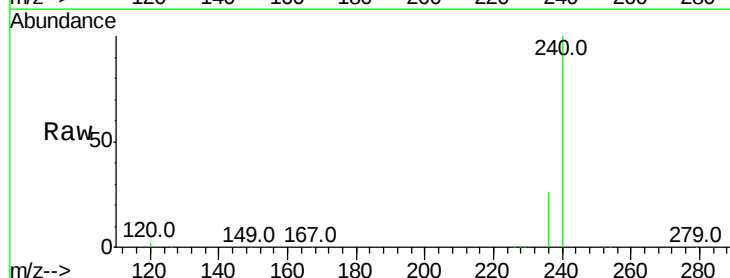
Tgt Ion:240 Resp: 706675

Ion Ratio Lower Upper

240 100

120 2.4 0.9 1.3#

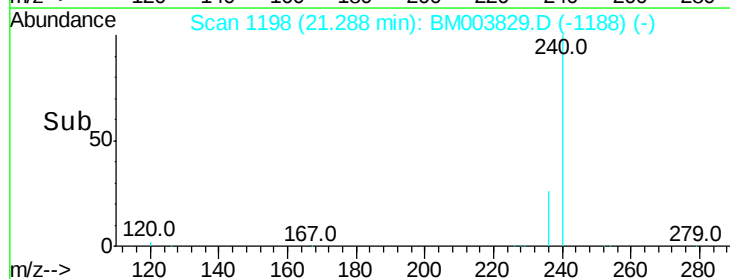
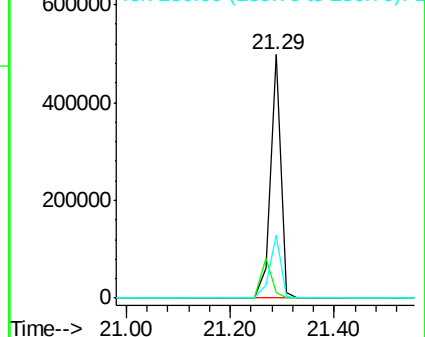
236 26.0 17.3 25.9#

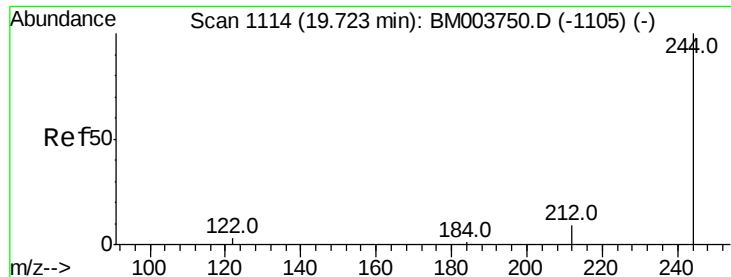


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



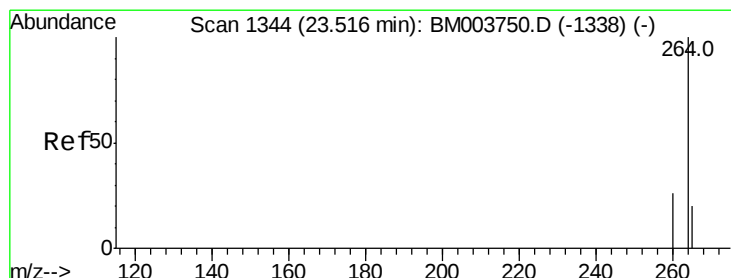
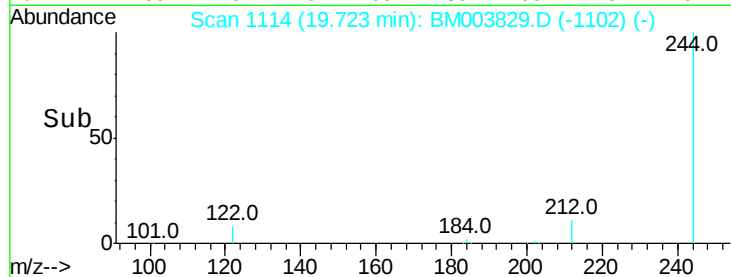
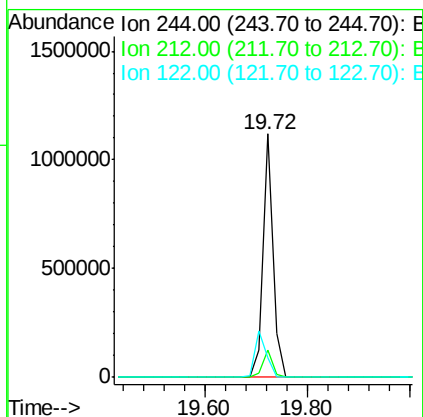
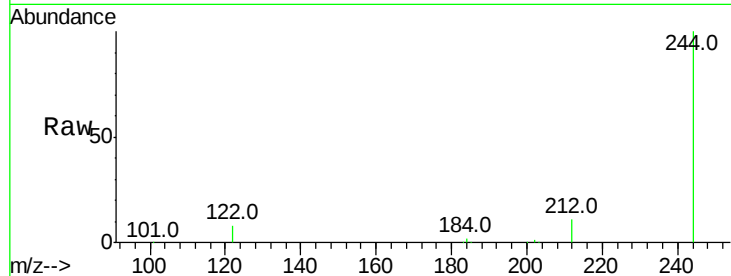


#29
 Terphenyl-d14
 Concen: 53.97 ng
 RT: 19.72 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BM003829.D
 Acq: 28 Dec 2015 15:33

Instrument :
 BNA_M
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Tot Ion:244 Resp: 1494694

Ion	Ratio	Lower	Upper
244	100		
212	11.4	7.0	10.6
122	8.2	3.0	4.6



#35
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.53 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: BM003829.D
 Acq: 28 Dec 2015 15:33

Tgt Ion:264 Resp: 614201

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.2	31.8
265	21.2	16.7	25.1

