

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122315\
 Data File : BM003713.D
 Acq On : 22 Dec 2015 18:11
 Operator : UM/SJ
 Sample : PB87468BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87468BL

Quant Time: Dec 22 23:34:39 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	35120	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	113186	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	67628	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	138461	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	133373	20.00	ng	-0.03
86) Perylene-d12	23.54	264	117879	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	231633	117.26	ng	-0.02
7) Phenol-d6	6.87	99	313611	114.33	ng	-0.02
23) Nitrobenzene-d5	8.85	82	157369	86.21	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	76210	112.84	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	369705	74.48	ng	-0.03
78) Terphenyl-d14	19.73	244	443868	78.48	ng	-0.02

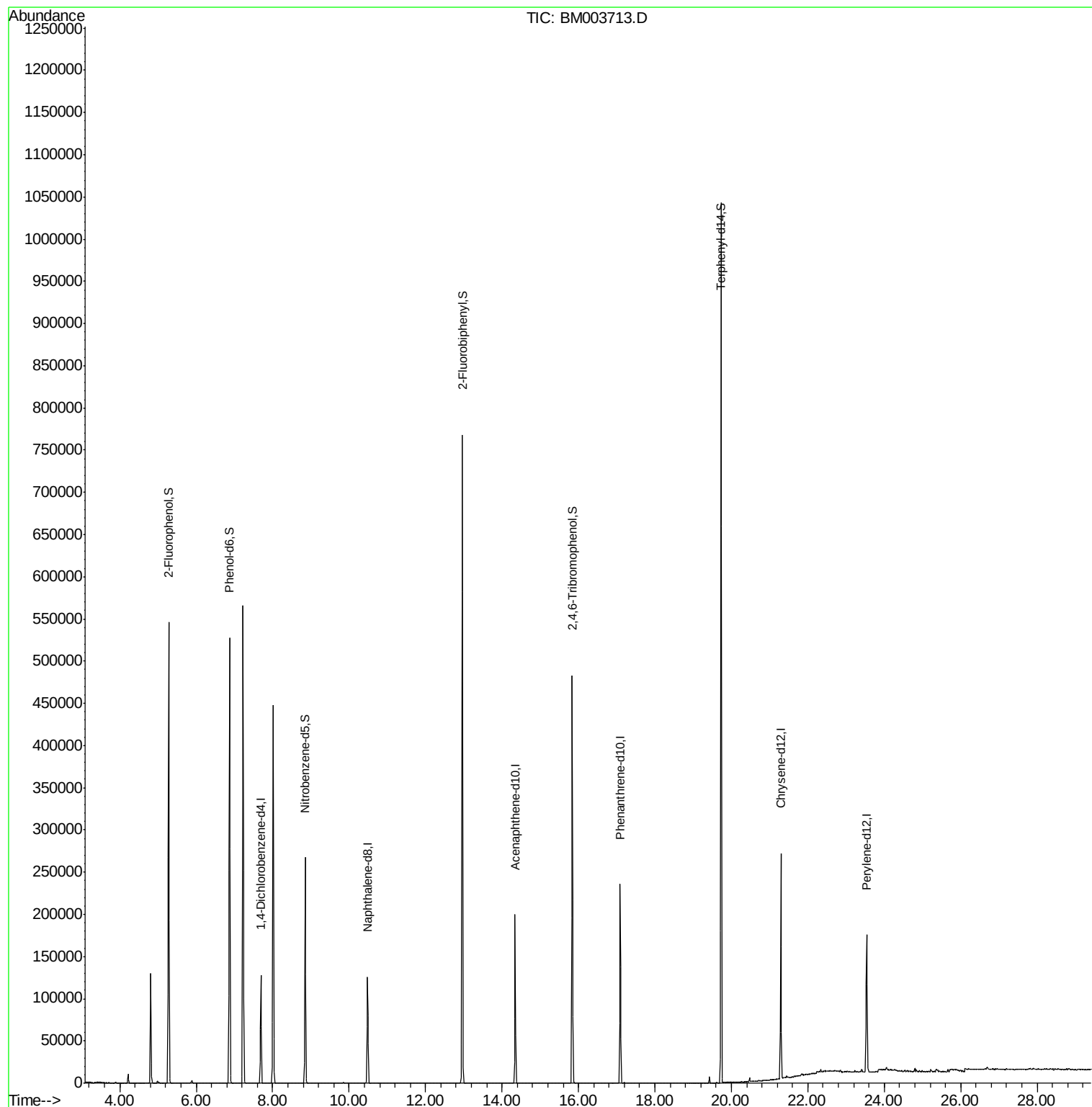
Target Compounds	Qvalue
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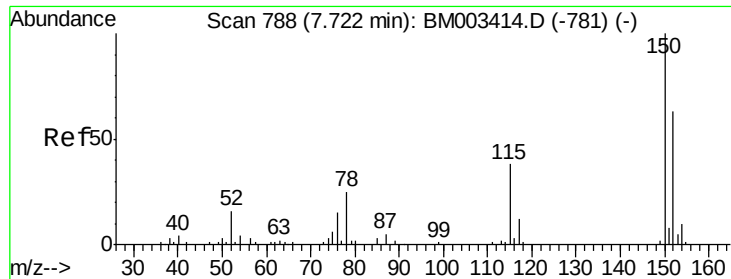
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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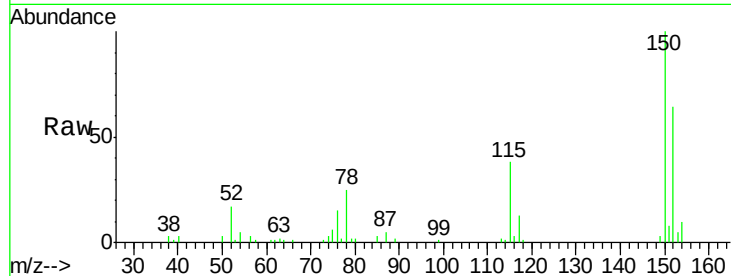


#1

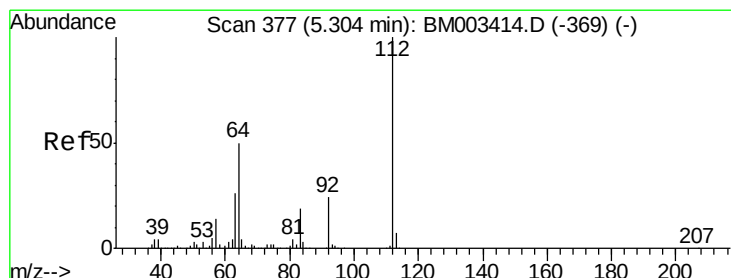
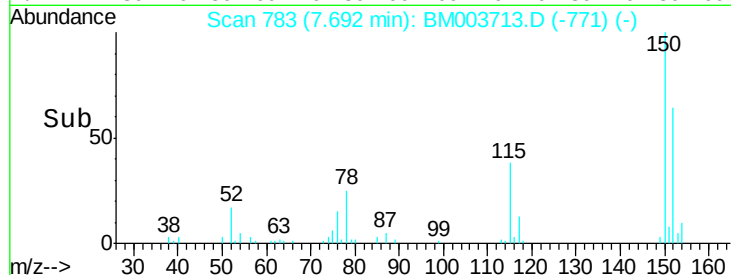
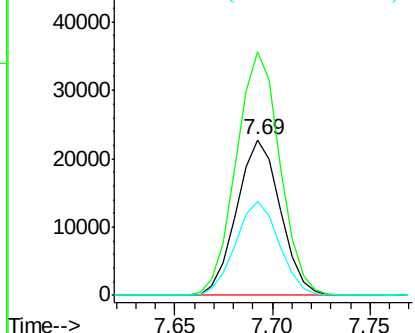
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003713.D
Acq: 22 Dec 2015 18:11

Instrument :
BNA_M
ClientSampleId :
PB87468BL

Tgt Ion:152 Resp: 35120
Ion Ratio Lower Upper
152 100
150 156.4 119.5 179.3
115 60.1 43.0 64.4



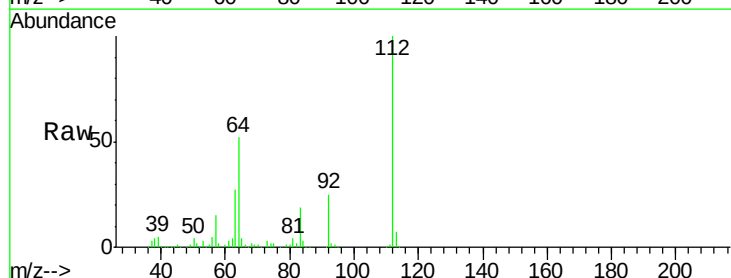
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



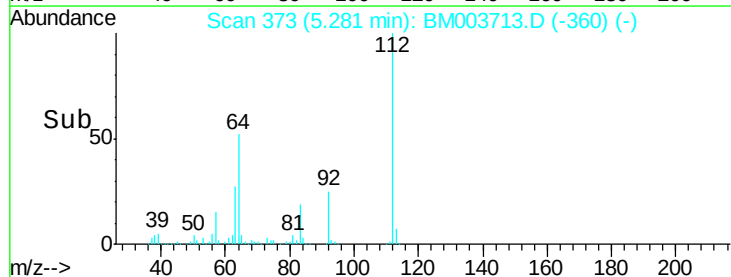
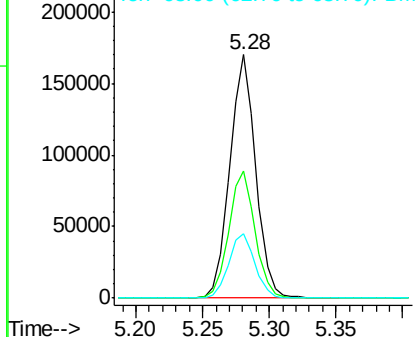
#5

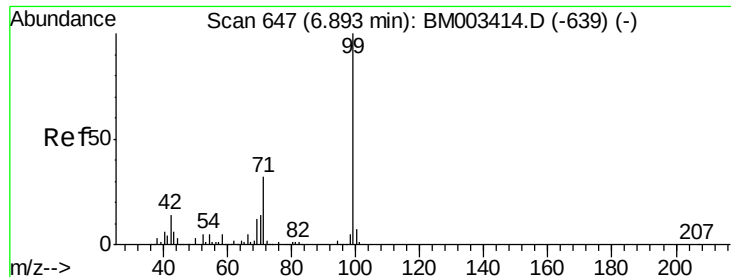
2-Fluorophenol
Concen: 117.26 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM003713.D
Acq: 22 Dec 2015 18:11

Tgt Ion:112 Resp: 231633
Ion Ratio Lower Upper
112 100
64 52.2 38.6 57.8
63 26.5 19.3 28.9



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





#7

Phenol-d6

Concen: 114.33 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003713.D

Acq: 22 Dec 2015 18:11

Instrument :

BNA_M

ClientSampleId :

PB87468BL

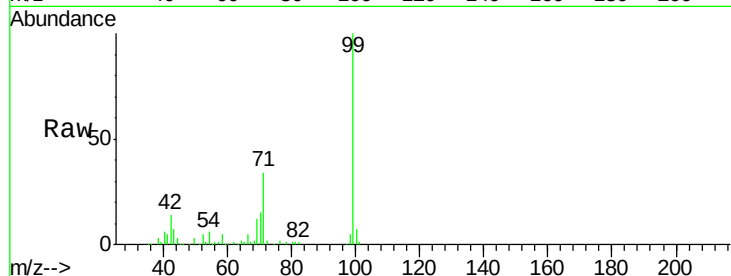
Tgt Ion: 99 Resp: 313611

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.4

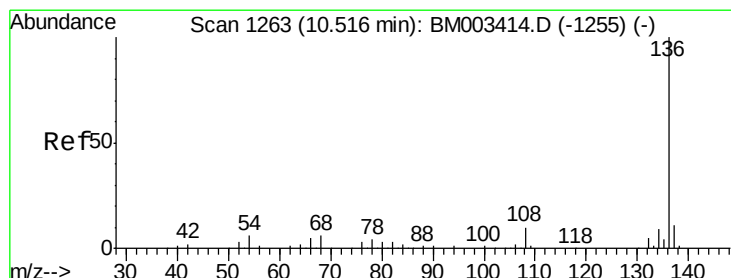
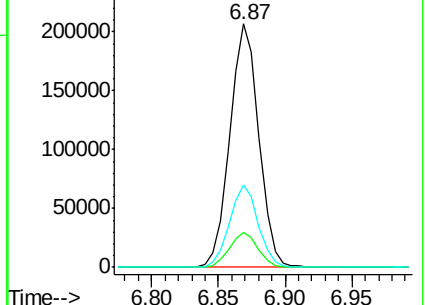
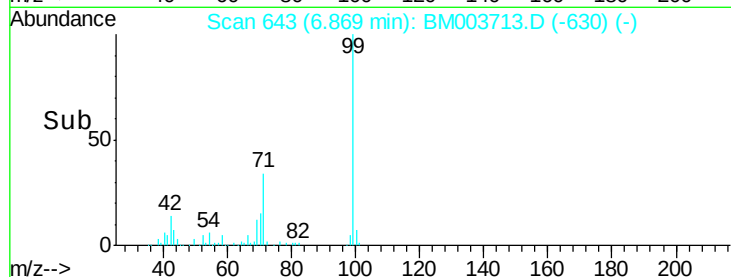
71 33.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003713.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003713.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003713.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003713.D

Acq: 22 Dec 2015 18:11

Tgt Ion: 136 Resp: 113186

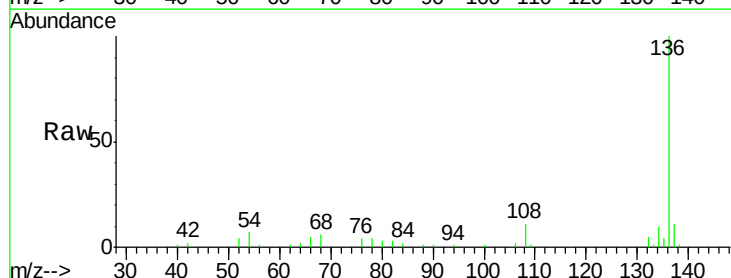
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.5 4.6 6.8

68 6.0 3.7 5.5#

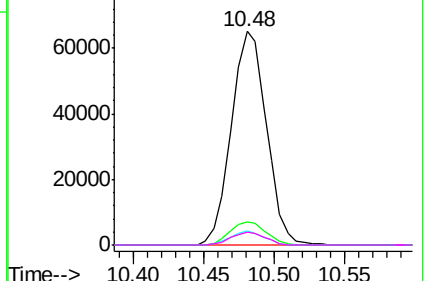
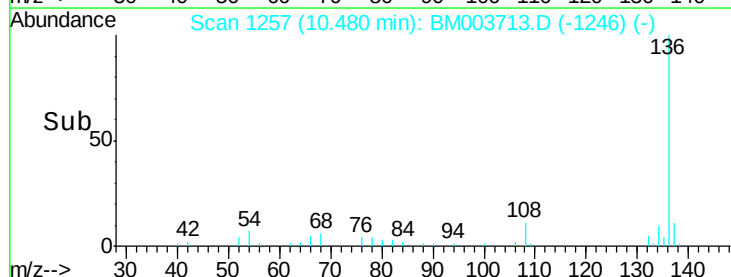


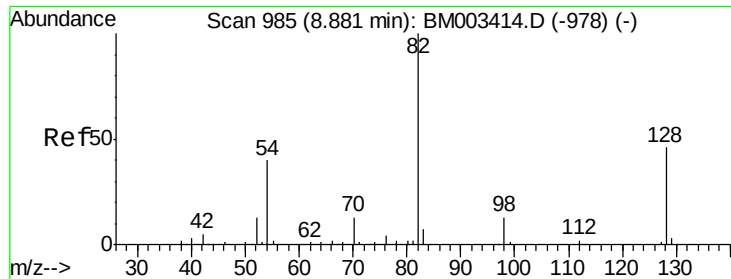
Abundance Ion 136.00 (135.70 to 136.70): BM003713.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM003713.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003713.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003713.D (-1246) (-)

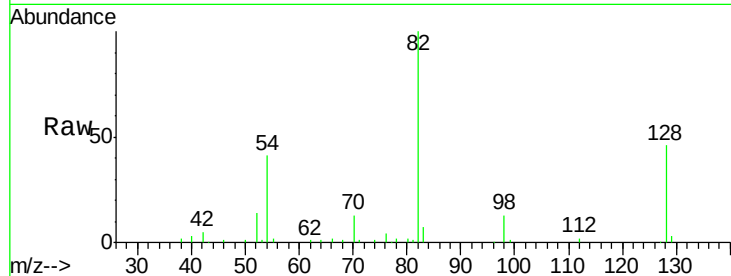




#23
 Nitrobenzene-d5
 Concen: 86.21 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003713.D
 Acq: 22 Dec 2015 18:11

Instrument :
 BNA_M
 ClientSampleId :
 PB87468BL

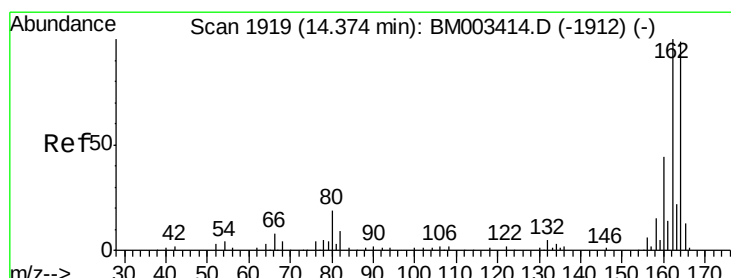
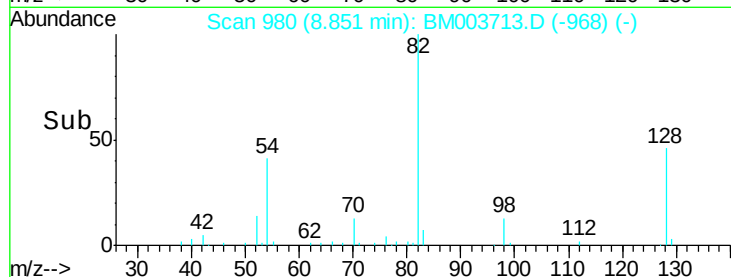
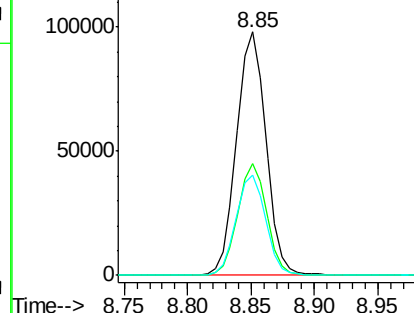
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	32.8	49.2
54	41.0	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM003713.D (-968) (-)

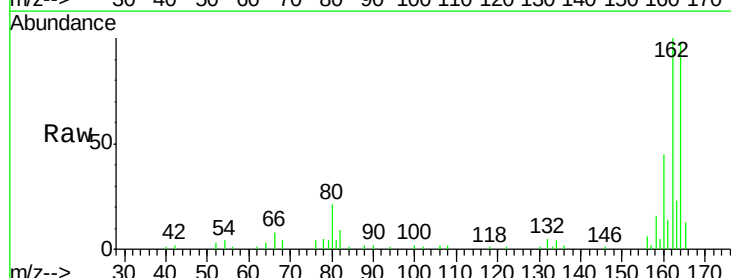
Ion 128.00 (127.70 to 128.70): BM003713.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM003713.D (-968) (-)



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1914
 Delta R.T. -0.03 min
 Lab File: BM003713.D
 Acq: 22 Dec 2015 18:11

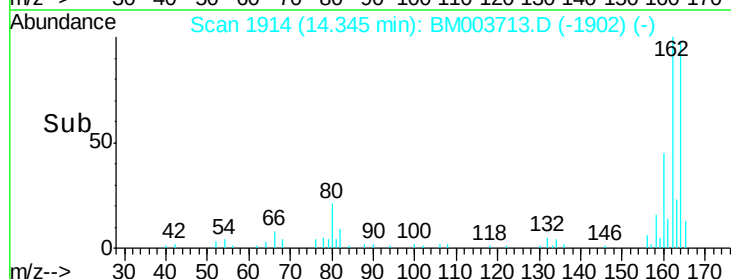
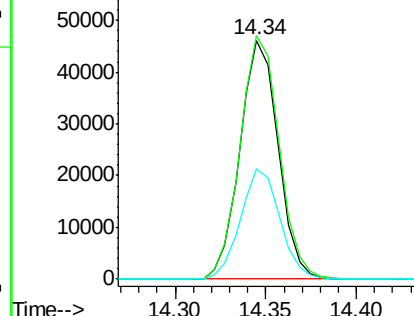
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.4	123.6
160	46.3	35.8	53.6

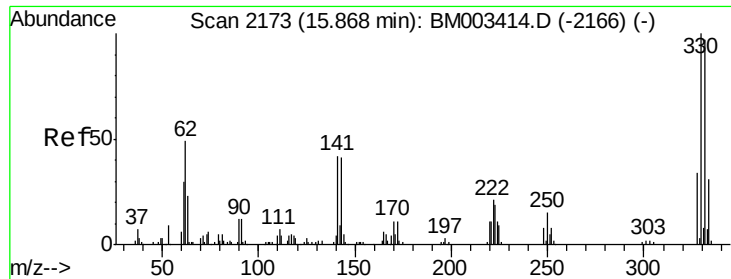


Abundance Ion 164.00 (163.70 to 164.70): BM003713.D (-1902) (-)

Ion 162.00 (161.70 to 162.70): BM003713.D (-1902) (-)

Ion 160.00 (159.70 to 160.70): BM003713.D (-1902) (-)

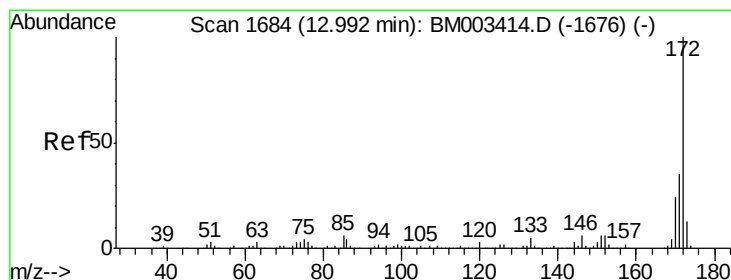
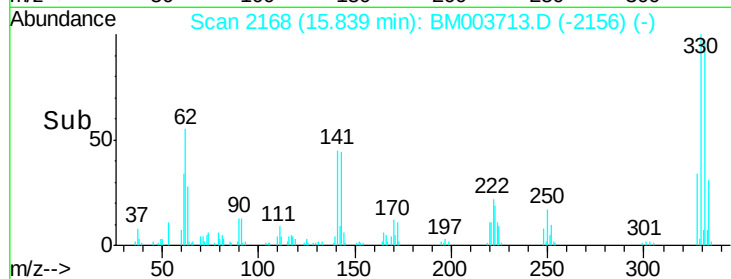
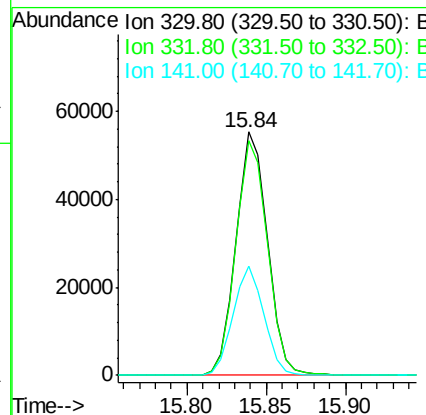
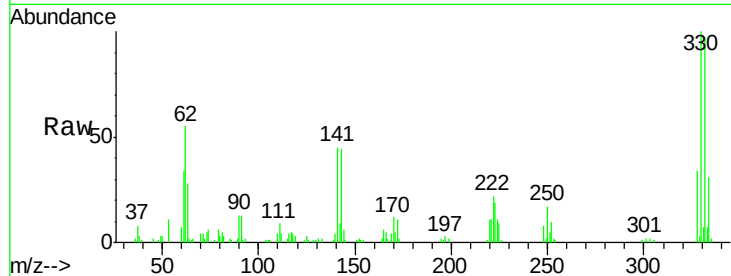




#41
 2,4,6-Tribromophenol
 Concen: 112.84 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM003713.D
 Acq: 22 Dec 2015 18:11

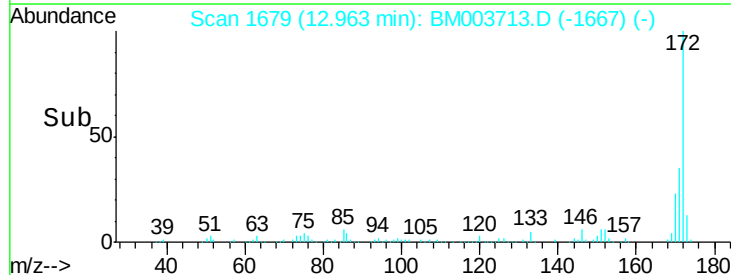
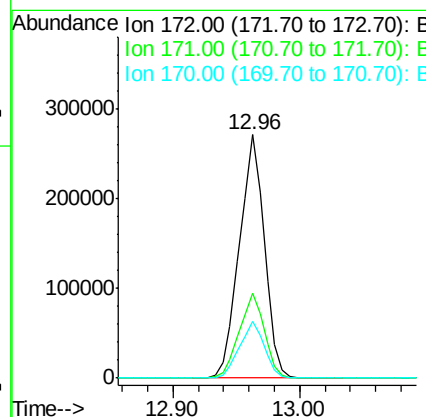
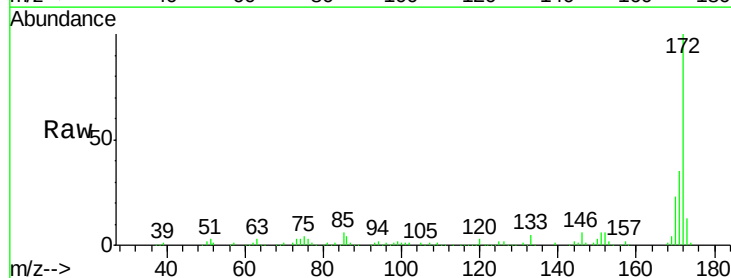
Instrument :
 BNA_M
 ClientSampleId :
 PB87468BL

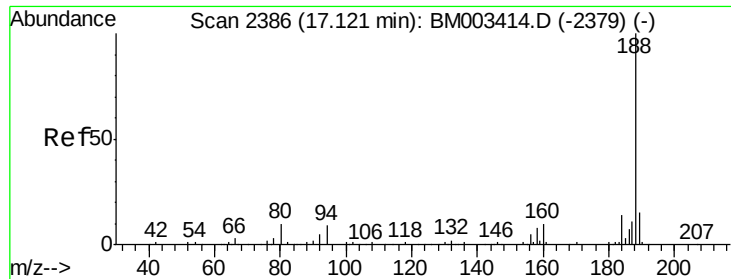
Tgt Ion:330 Resp: 76210
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 43.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 74.48 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.03 min
 Lab File: BM003713.D
 Acq: 22 Dec 2015 18:11

Tgt Ion:172 Resp: 369705
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.5 42.7
 170 23.2 18.8 28.2

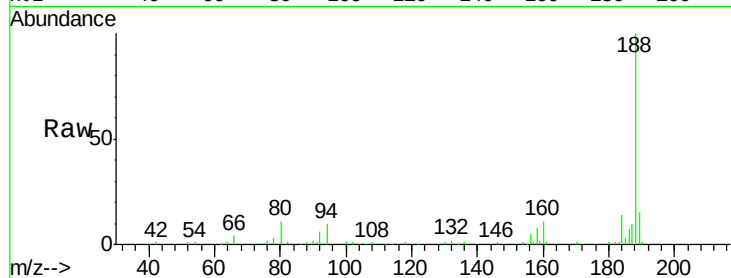




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.03 min
Lab File: BM003713.D
Acq: 22 Dec 2015 18:11

Instrument :
BNA_M
ClientSampled :
PB87468BL

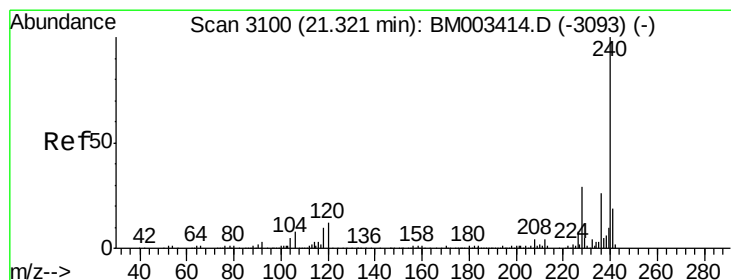
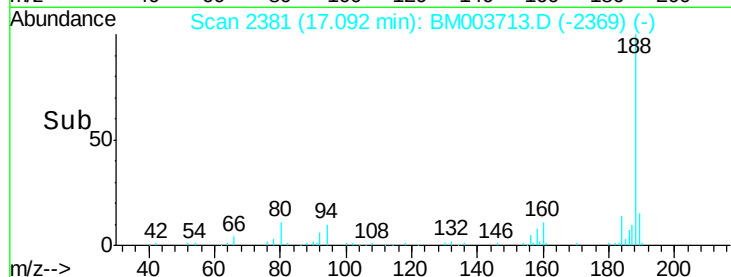
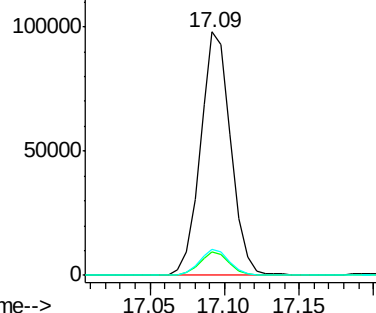
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.7	13.1
80	10.8	9.3	13.9



Abundance Ion 188.00 (187.70 to 188.70): E

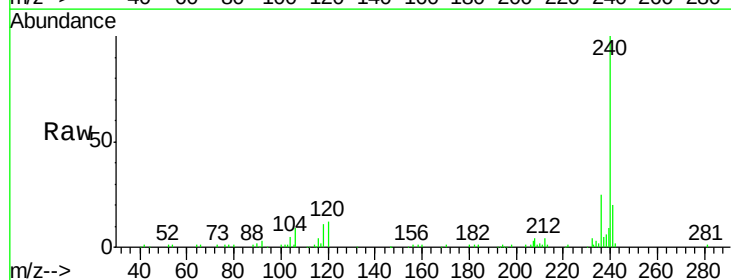
Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.03 min
Lab File: BM003713.D
Acq: 22 Dec 2015 18:11

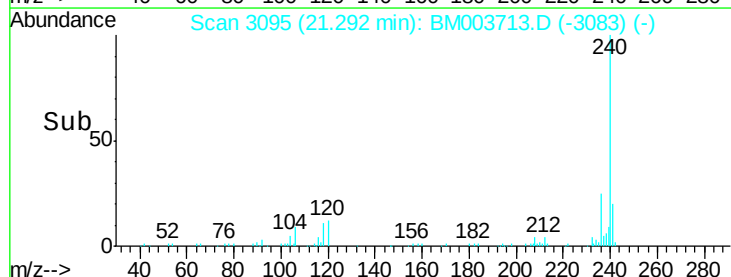
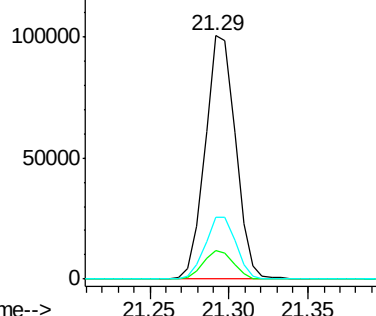
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.2	12.2
236	25.2	20.0	30.0

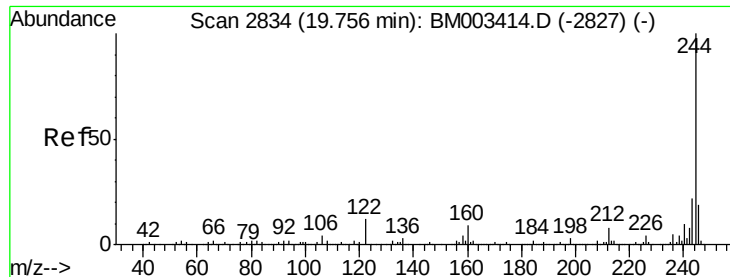


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.48 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM003713.D

Acq: 22 Dec 2015 18:11

Instrument :

BNA_M

ClientSampleId :

PB87468BL

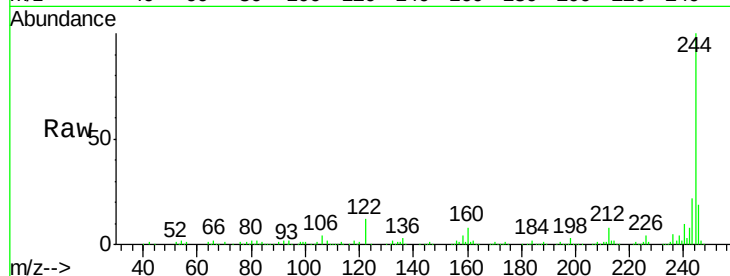
Tgt Ion:244 Resp: 443868

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

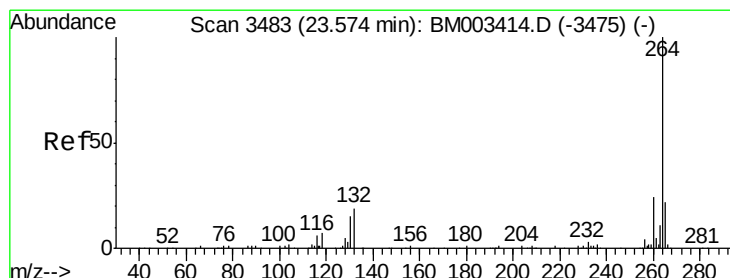
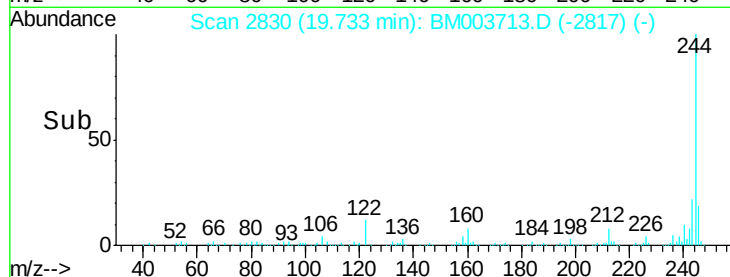
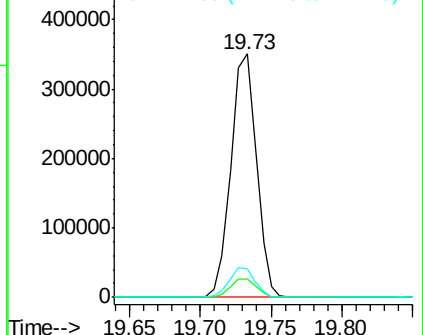
122 11.5 6.2 9.4#



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: 23.54 min Scan# 3477

Delta R.T. -0.04 min

Lab File: BM003713.D

Acq: 22 Dec 2015 18:11

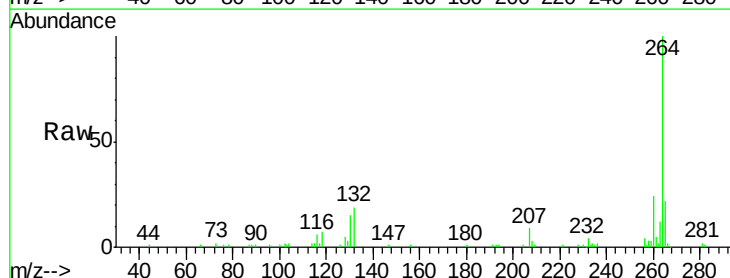
Tgt Ion:264 Resp: 117879

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 22.1 17.3 25.9



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

