

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
 Data File : BM003789.D
 Acq On : 24 Dec 2015 21:48
 Operator : UM/SJ
 Sample : G4939-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 L-2-3(0-2)

Quant Time: Dec 25 01:03:47 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

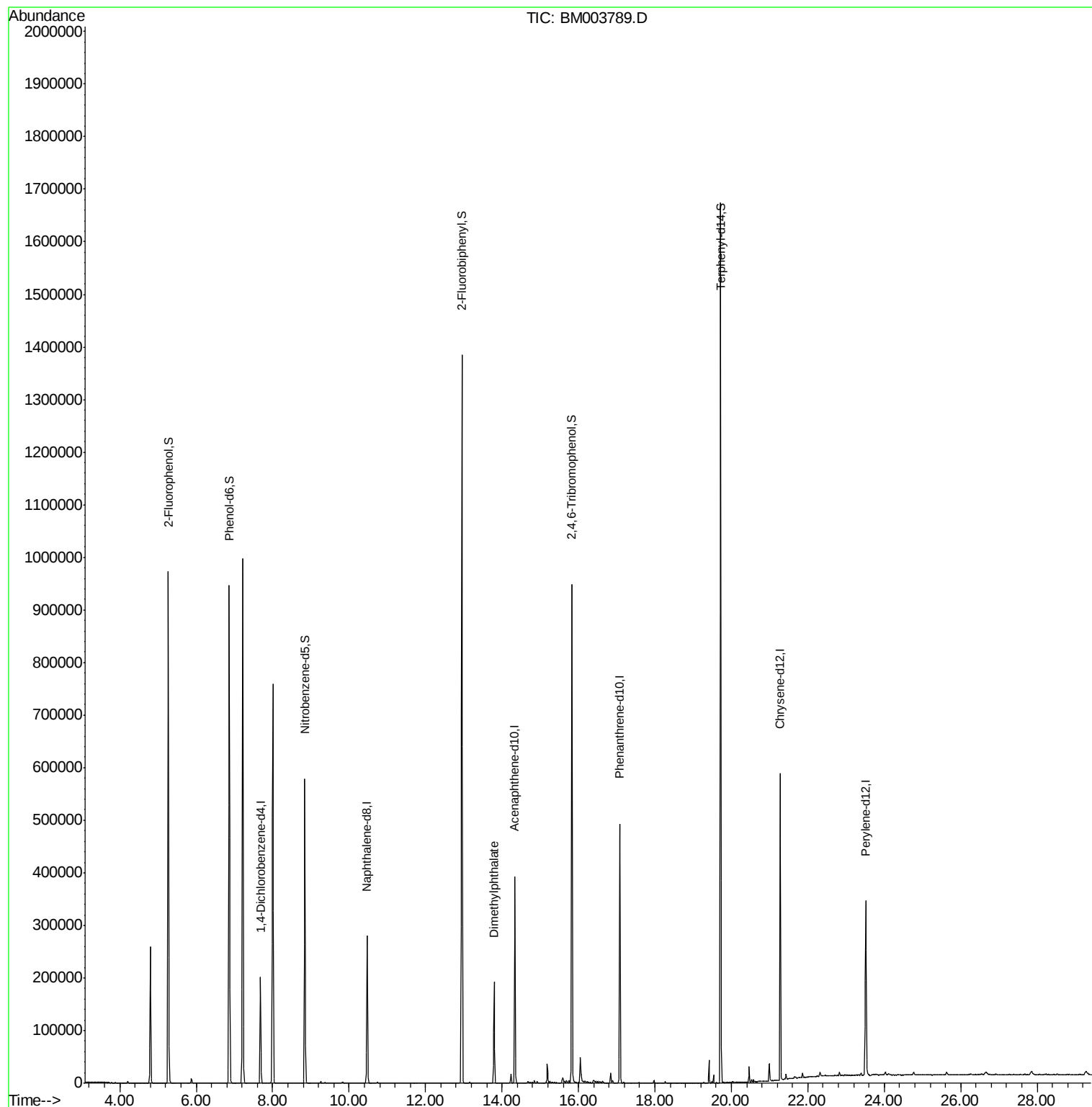
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	55173	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	237416	20.00	ng	-0.05
38) Acenaphthene-d10	14.33	164	133057	20.00	ng	-0.04
63) Phenanthrene-d10	17.08	188	289219	20.00	ng	-0.04
75) Chrysene-d12	21.28	240	266021	20.00	ng	-0.04
86) Perylene-d12	23.51	264	232039	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	444056	143.09	ng	-0.03
7) Phenol-d6	6.86	99	581560	134.96	ng	-0.03
23) Nitrobenzene-d5	8.84	82	353952	92.44	ng	-0.04
41) 2,4,6-Tribromophenol	15.83	330	161218	121.32	ng	-0.04
44) 2-Fluorobiphenyl	12.95	172	707192	72.41	ng	-0.04
78) Terphenyl-d14	19.72	244	713339	63.24	ng	-0.04
Target Compounds						
49) Dimethylphthalate	13.79	163	126921	11.58	ng	Qvalue 99

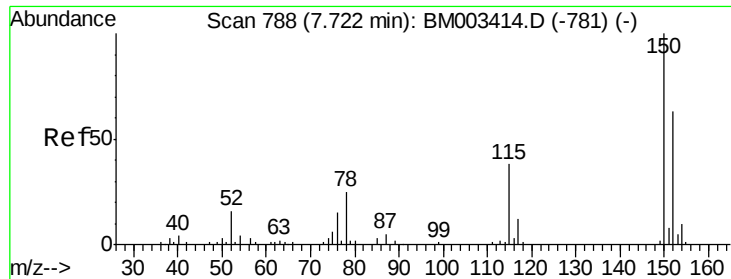
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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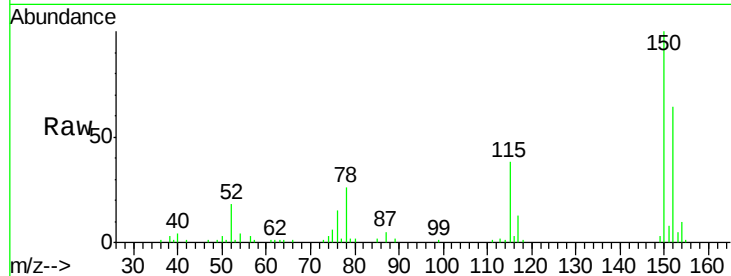


#1

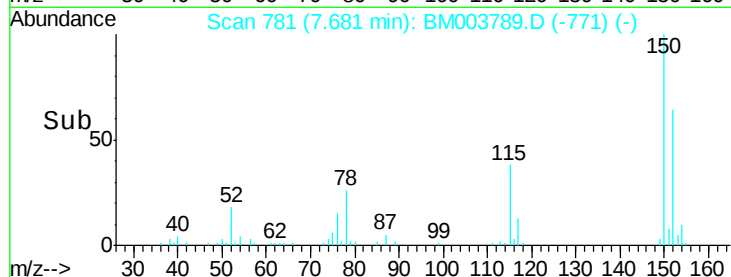
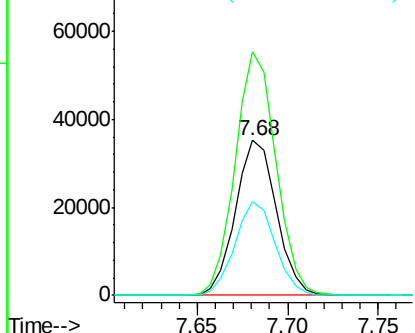
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM003789.D
Acq: 24 Dec 2015 21:48

Instrument :
BNA_M
ClientSampleId :
L-2-3(0-2)

Tot Ion:152 Resp: 55173
Ion Ratio Lower Upper
152 100
150 157.1 119.5 179.3
115 60.2 43.0 64.4



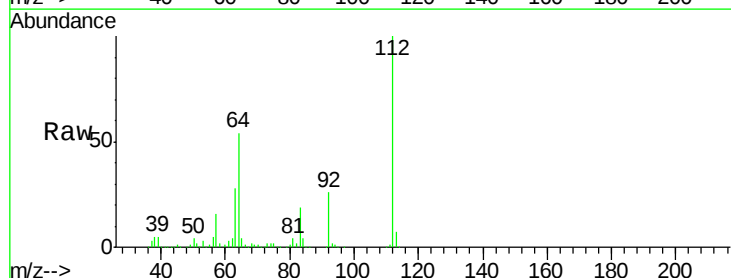
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



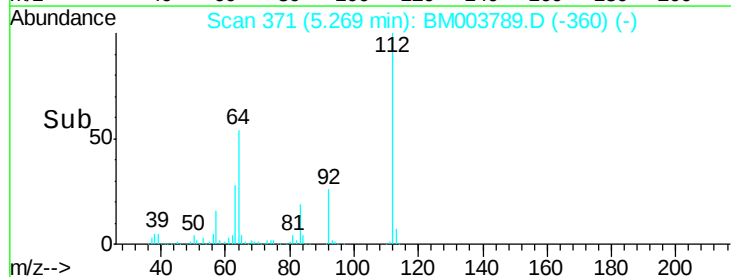
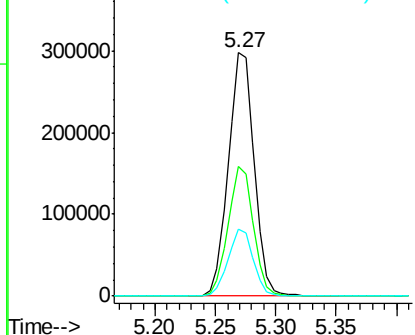
#5

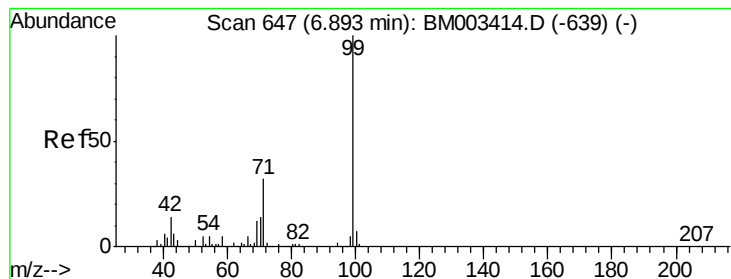
2-Fluorophenol
Concen: 143.09 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.03 min
Lab File: BM003789.D
Acq: 24 Dec 2015 21:48

Tgt Ion:112 Resp: 444056
Ion Ratio Lower Upper
112 100
64 53.5 38.6 57.8
63 27.5 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: 134.96 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.03 min

Lab File: BM003789.D

Acq: 24 Dec 2015 21:48

Instrument :

BNA_M

ClientSampleId :

L-2-3(0-2)

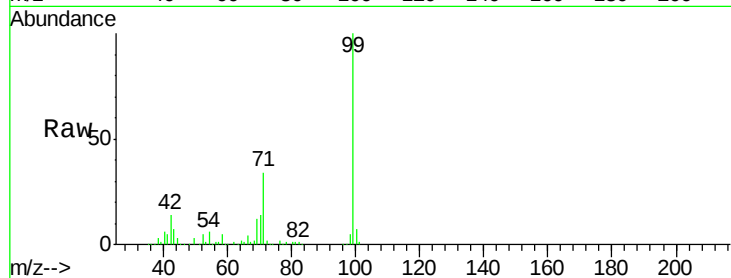
Tot Ion: 99 Resp: 581560

Ion Ratio Lower Upper

99 100

42 14.2 11.0 16.4

71 33.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003789.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003789.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003789.D (-630) (-)

6.86

400000

300000

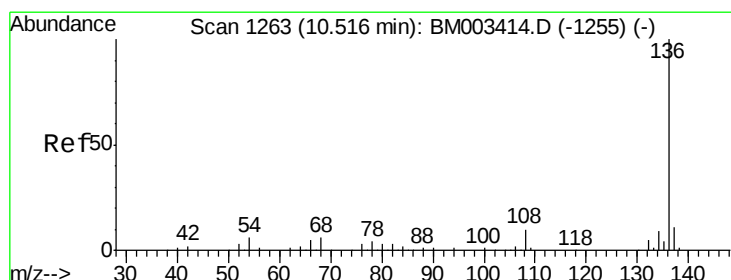
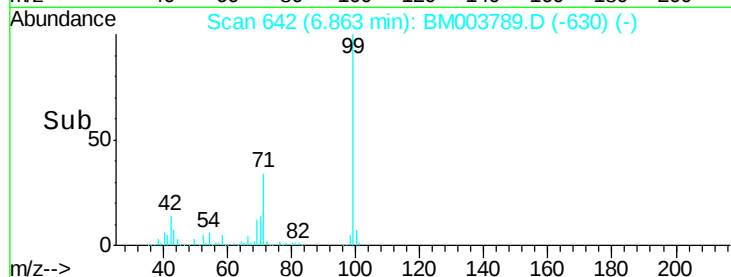
200000

100000

0

6.80 6.85 6.90 6.95

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.05 min

Lab File: BM003789.D

Acq: 24 Dec 2015 21:48

Tgt Ion: 136 Resp: 237416

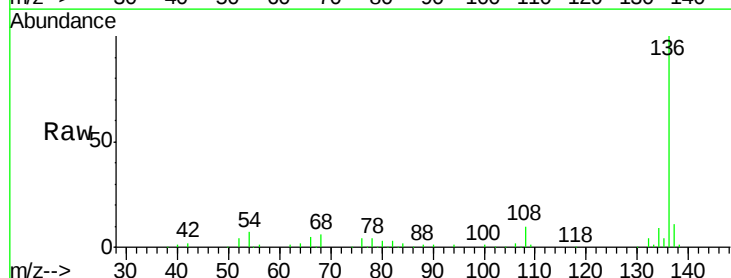
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.6 4.6 6.8

68 5.9 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM003789.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM003789.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003789.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003789.D (-1246) (-)

10.47

200000

150000

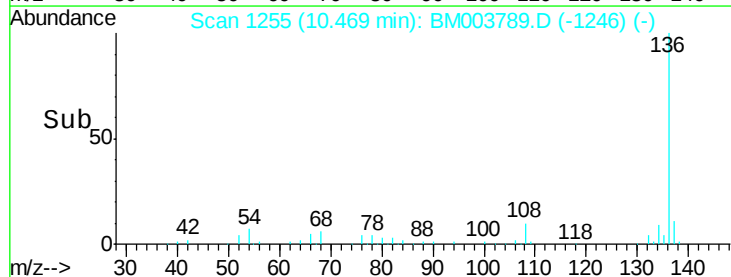
100000

50000

0

10.40 10.50

Time-->





#23

Nitrobenzene-d5

Concen: 92.44 ng

RT: 8.84 min Scan# 978

Delta R.T. -0.04 min

Lab File: BM003789.D

Acq: 24 Dec 2015 21:48

Instrument :

BNA_M

ClientSampled :

L-2-3(0-2)

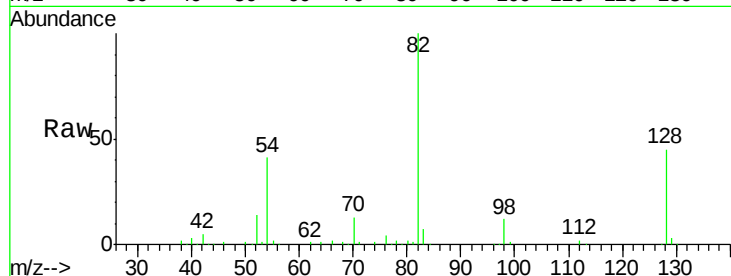
Tot Ion: 82 Resp: 353952

Ion Ratio Lower Upper

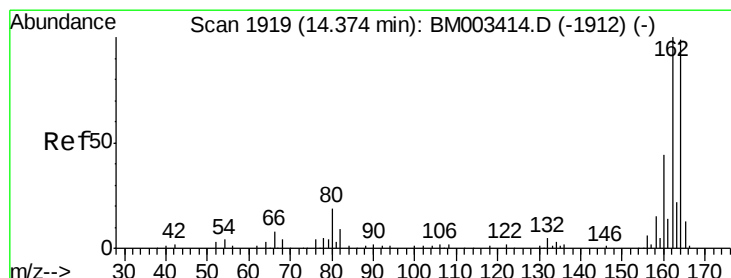
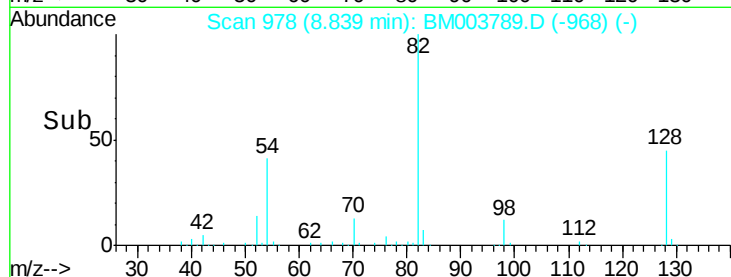
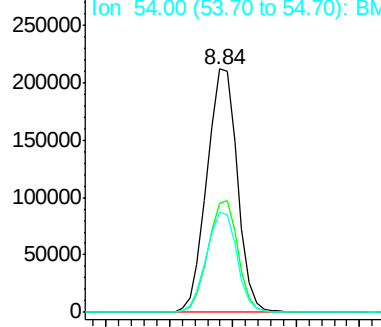
82 100

128 44.7 32.8 49.2

54 41.4 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM003789.D (-968) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.04 min

Lab File: BM003789.D

Acq: 24 Dec 2015 21:48

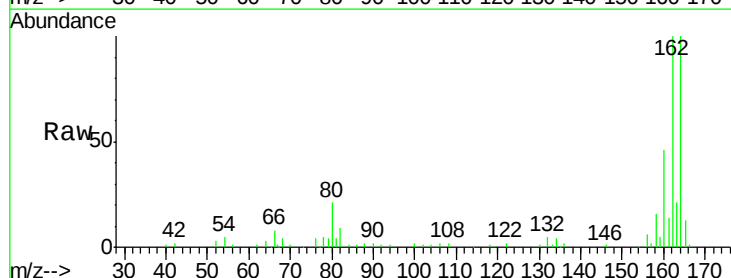
Tgt Ion: 164 Resp: 133057

Ion Ratio Lower Upper

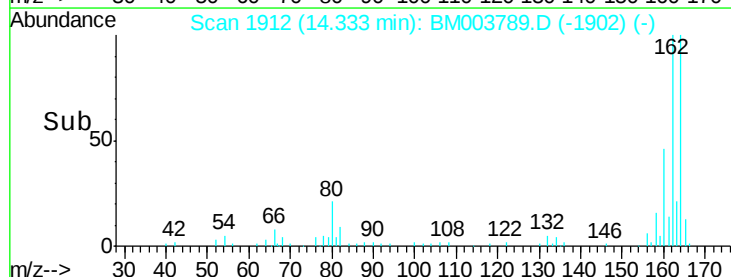
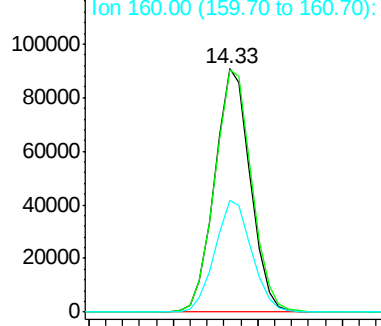
164 100

162 99.7 82.4 123.6

160 45.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM003789.D (-1902) (-)

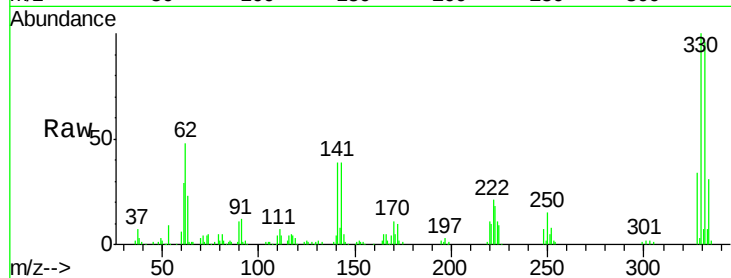




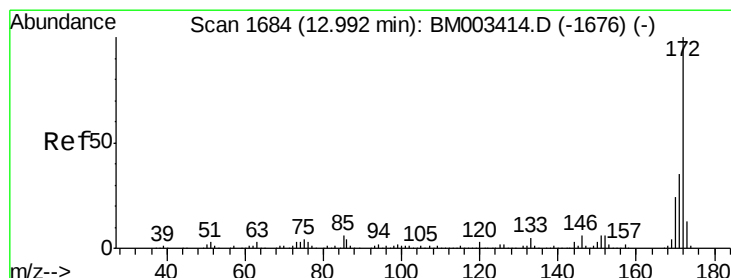
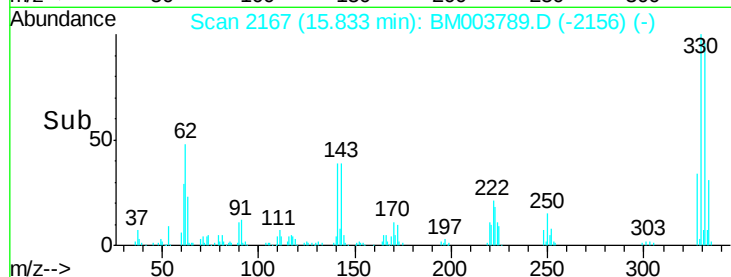
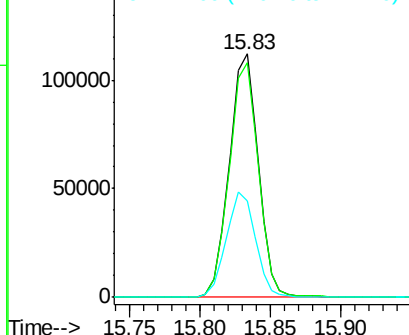
#41
 2,4,6-Tribromophenol
 Concen: 121.32 ng
 RT: 15.83 min Scan# 2167
 Delta R.T. -0.04 min
 Lab File: BM003789.D
 Acq: 24 Dec 2015 21:48

Instrument :
 BNA_M
 ClientSampleId :
 L-2-3(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	43.4	0.0	0.0#

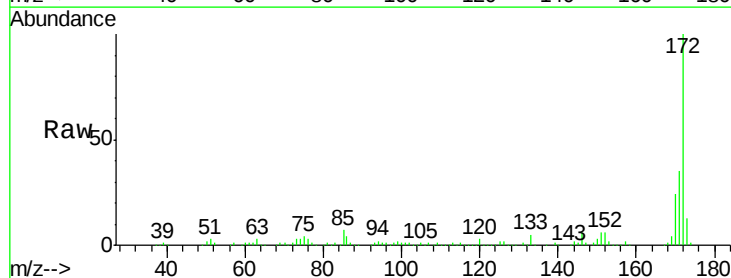


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

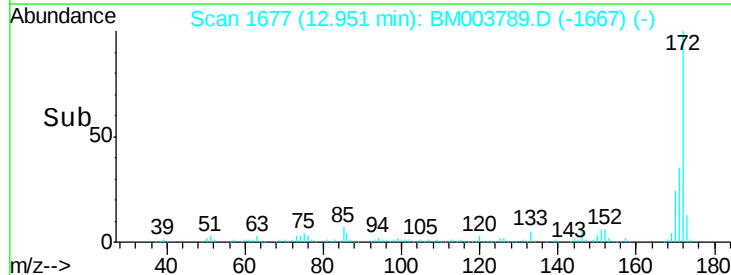
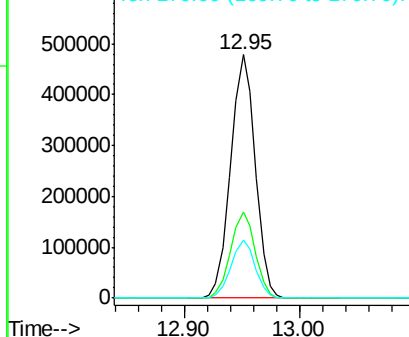


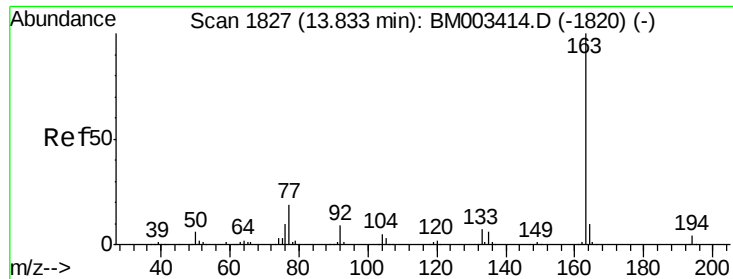
#44
 2-Fluorobiphenyl
 Concen: 72.41 ng
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.04 min
 Lab File: BM003789.D
 Acq: 24 Dec 2015 21:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.7	18.8	28.2



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





#49

Dimethylphthalate

Concen: 11.58 ng

RT: 13.79 min Scan# 1820

Delta R.T. -0.04 min

Lab File: BM003789.D

Acq: 24 Dec 2015 21:48

Instrument :

BNA_M

ClientSampleId :

L-2-3(0-2)

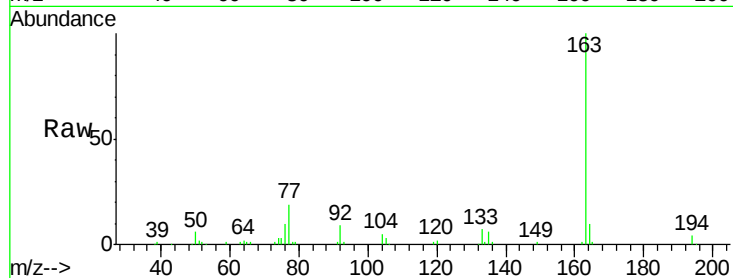
Tot Ion:163 Resp: 126921

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

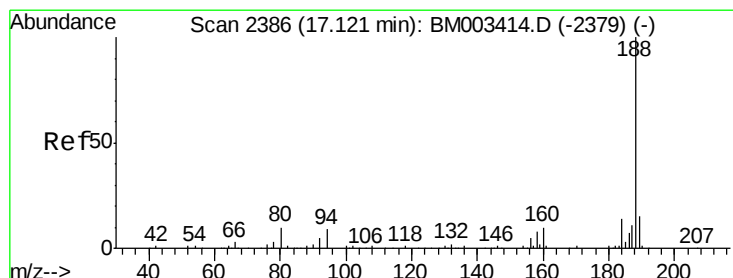
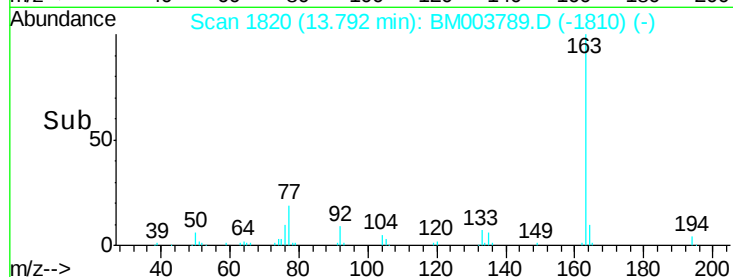
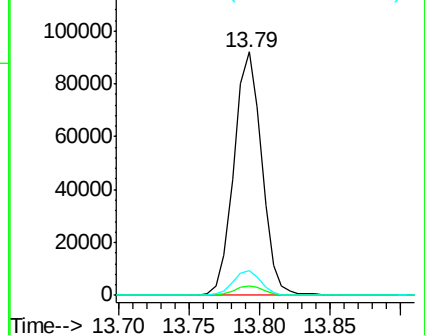
164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2379

Delta R.T. -0.04 min

Lab File: BM003789.D

Acq: 24 Dec 2015 21:48

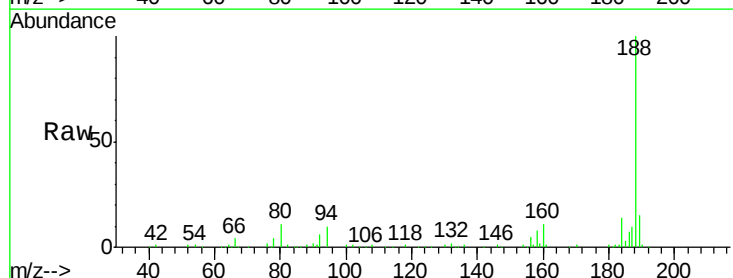
Tgt Ion:188 Resp: 289219

Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

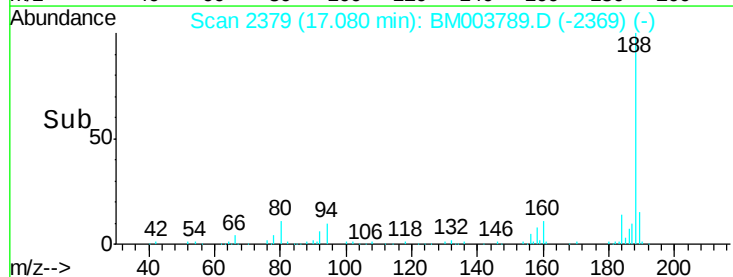
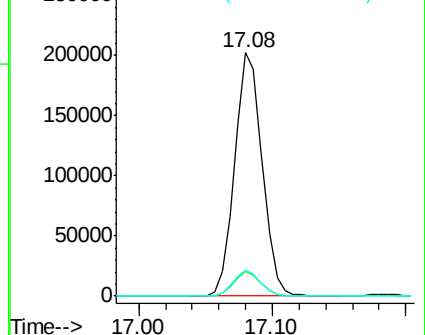
80 10.8 9.3 13.9

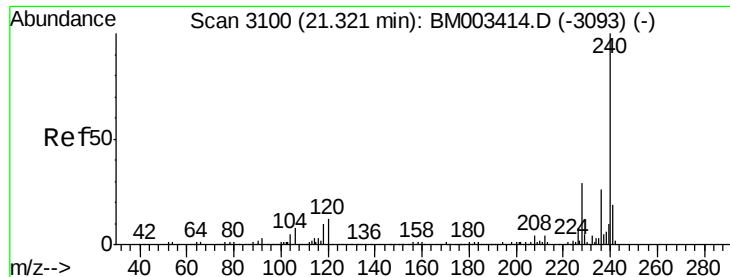


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.04 min

Lab File: BM003789.D

Acq: 24 Dec 2015 21:48

Instrument :

BNA_M

ClientSampleId :

L-2-3(0-2)

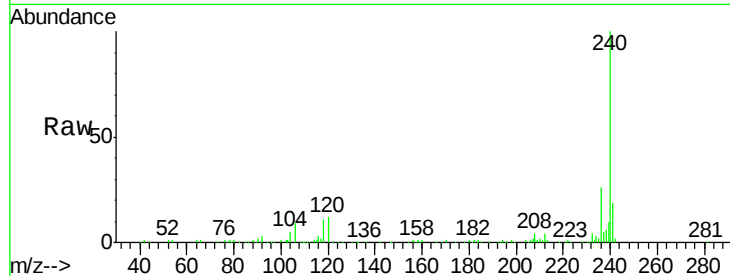
Tot Ion:240 Resp: 266021

Ion Ratio Lower Upper

240 100

120 12.0 8.2 12.2

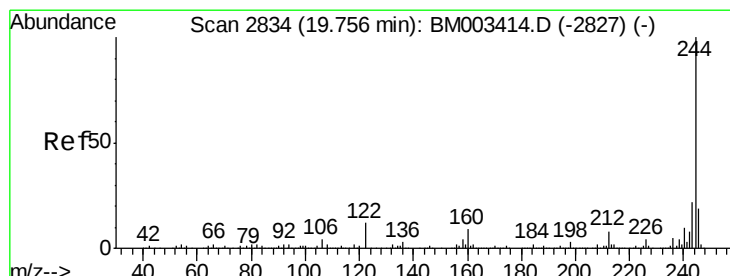
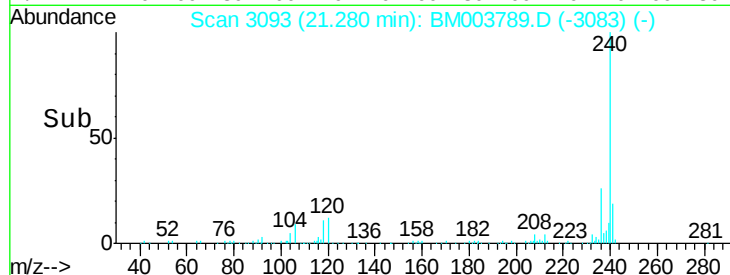
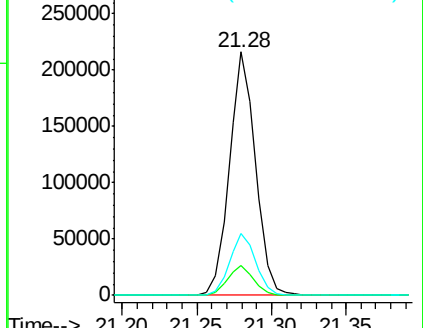
236 25.6 20.0 30.0



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: 63.24 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM003789.D

Acq: 24 Dec 2015 21:48

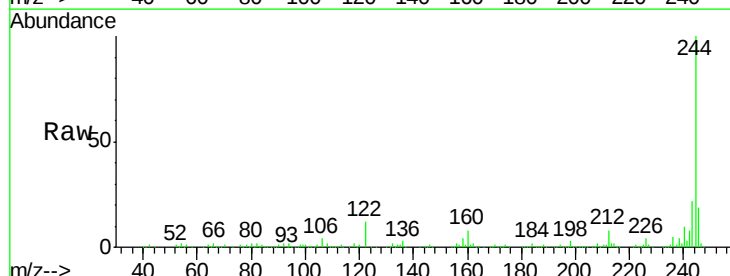
Tgt Ion:244 Resp: 713339

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

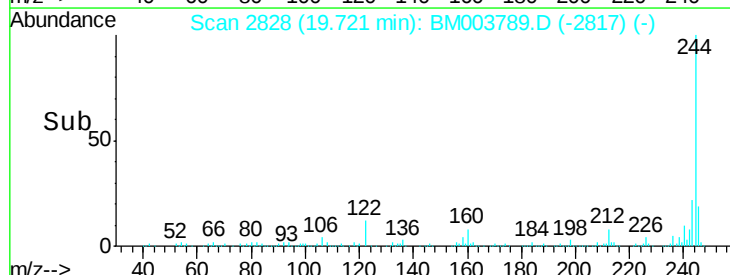
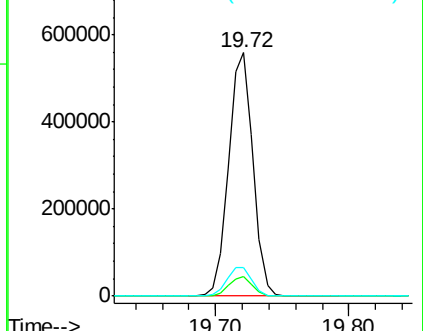
122 11.7 6.2 9.4#

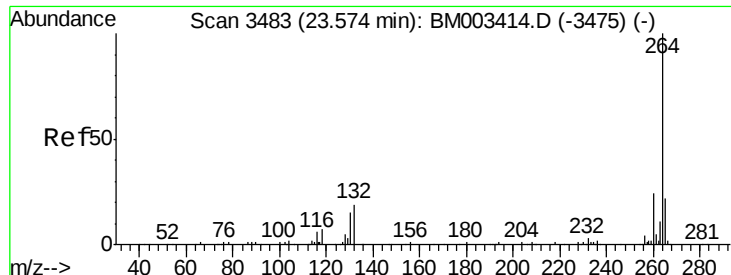


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.51 min Scan# 3473
 Delta R.T. -0.06 min
 Lab File: BM003789.D
 Acq: 24 Dec 2015 21:48

Instrument :
 BNA_M
 ClientSampleId :
 L-2-3(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	21.5	17.3	25.9

