

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
 Data File : BM003741.D
 Acq On : 23 Dec 2015 11:08
 Operator : UM/SJ
 Sample : G4940-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 L-2-12(0-2)

Quant Time: Dec 23 11:45:57 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

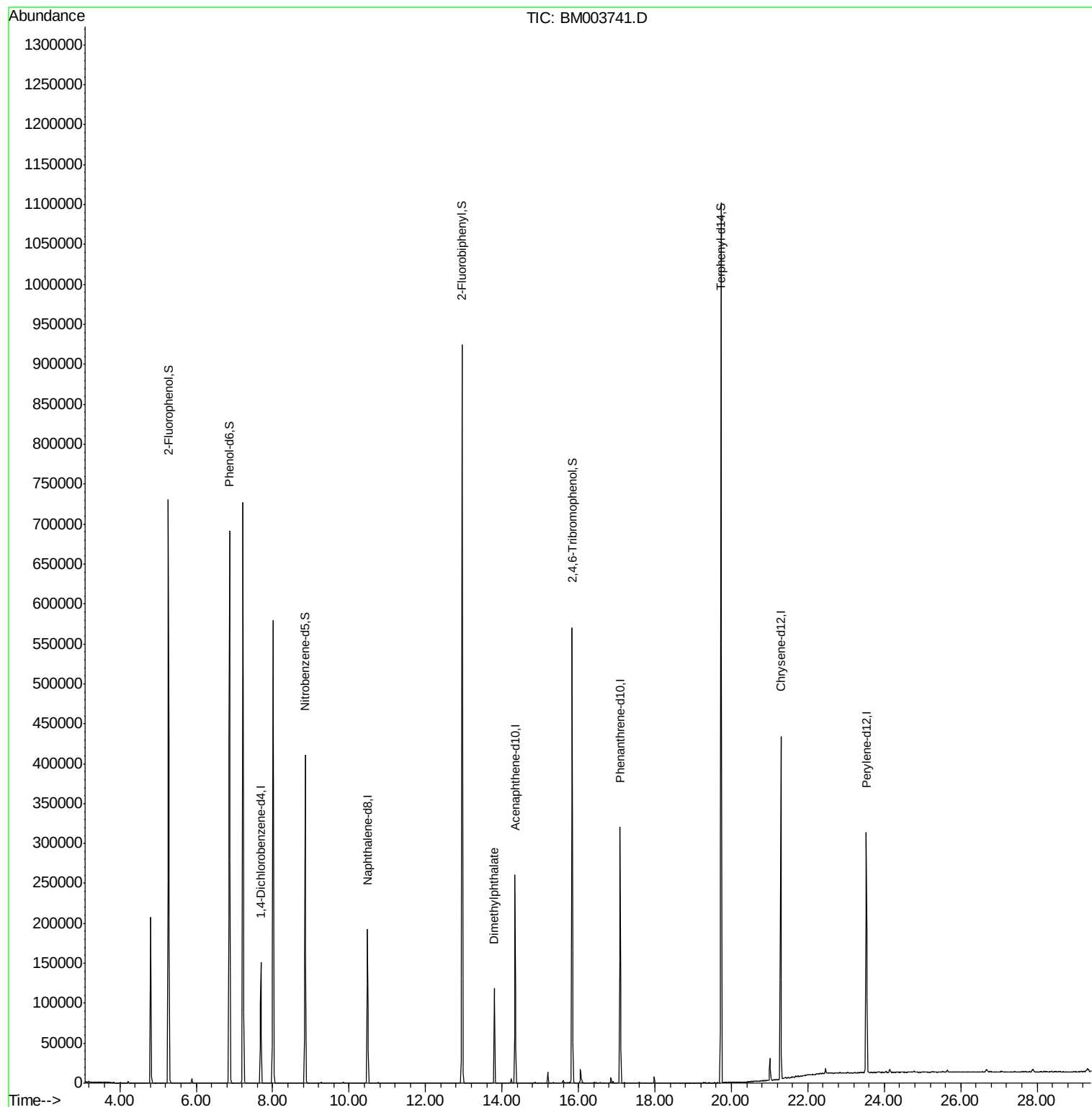
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	41950	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	166149	20.00	ng	-0.04
38) Acenaphthene-d10	14.34	164	85705	20.00	ng	-0.03
63) Phenanthrene-d10	17.09	188	184738	20.00	ng	-0.03
75) Chrysene-d12	21.29	240	200170	20.00	ng	-0.03
86) Perylene-d12	23.53	264	207482	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	328304	139.14	ng	-0.03
7) Phenol-d6	6.87	99	420190	128.25	ng	-0.02
23) Nitrobenzene-d5	8.85	82	245605	91.65	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	93369	109.08	ng	-0.03
44) 2-Fluorobiphenyl	12.96	172	482318	76.67	ng	-0.04
78) Terphenyl-d14	19.73	244	475187	55.98	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	13.80	163	78514	11.12	ng	# 99

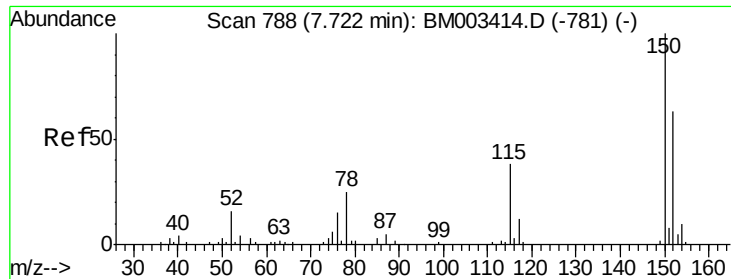
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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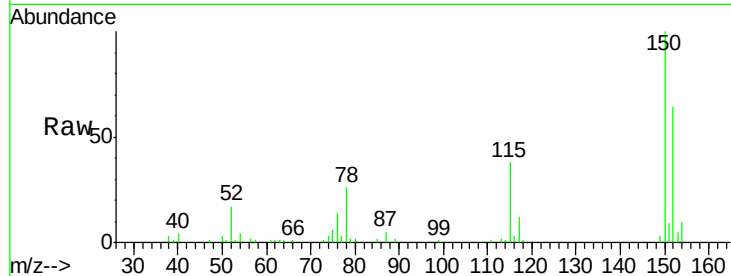


#1

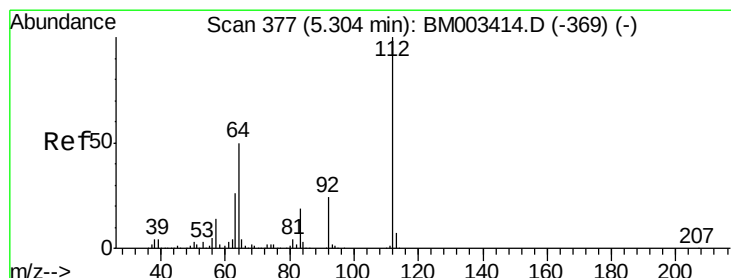
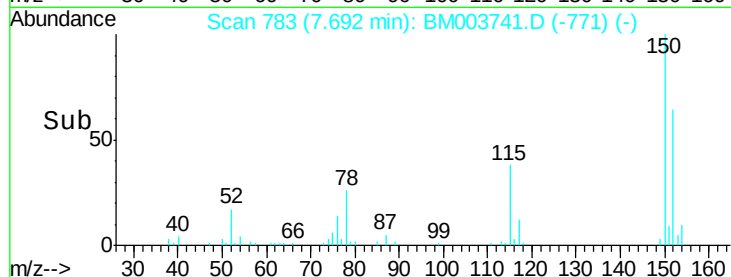
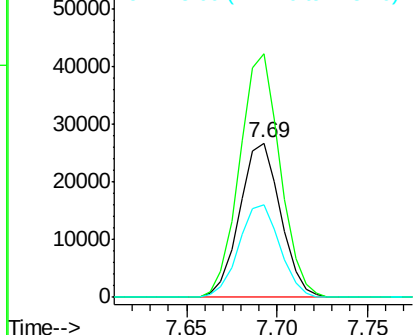
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.03 min
Lab File: BM003741.D
Acq: 23 Dec 2015 11:08

Instrument :
BNA_M
ClientSampled :
L-2-12(0-2)

Tot Ion:152 Resp: 41950
Ion Ratio Lower Upper
152 100
150 157.5 119.5 179.3
115 60.0 43.0 64.4



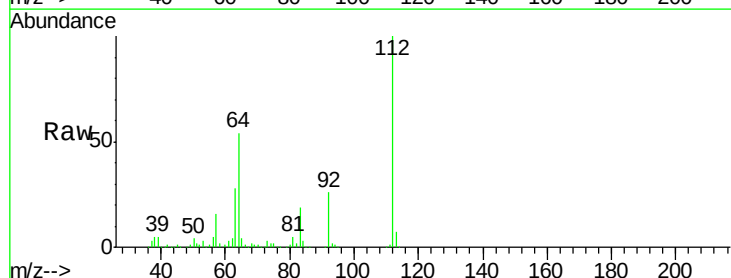
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



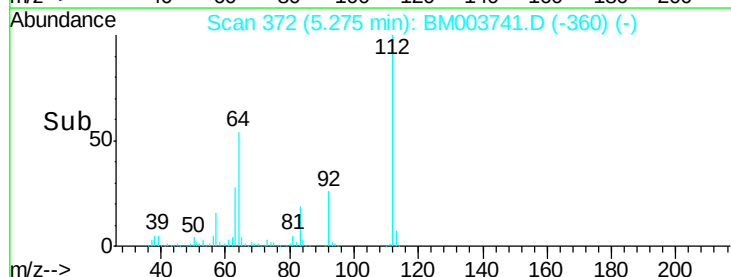
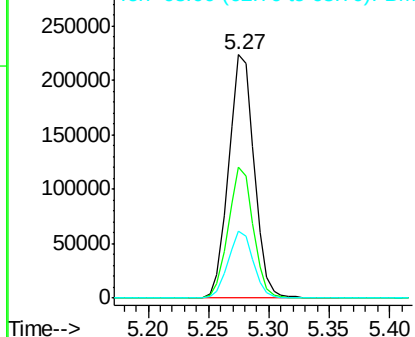
#5

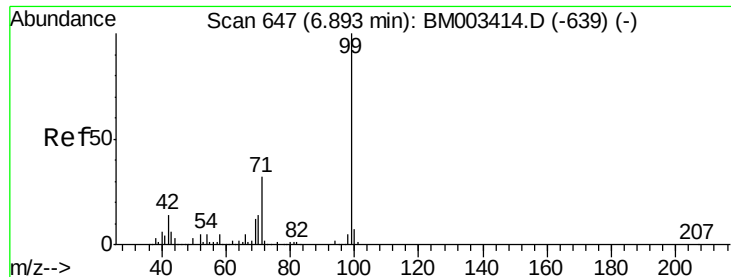
2-Fluorophenol
Concen: 139.14 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.03 min
Lab File: BM003741.D
Acq: 23 Dec 2015 11:08

Tgt Ion:112 Resp: 328304
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: 128.25 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.02 min

Lab File: BM003741.D

Acq: 23 Dec 2015 11:08

Instrument :

BNA_M

ClientSampleId :

L-2-12(0-2)

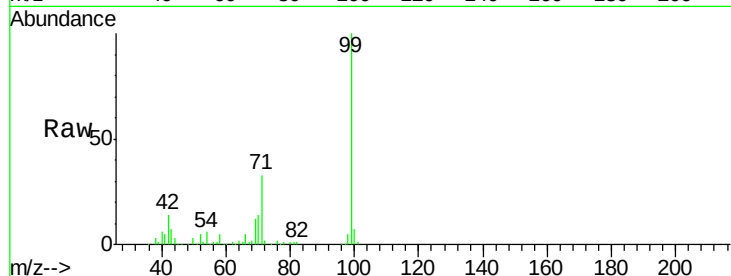
Tot Ion: 99 Resp: 420190

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.4

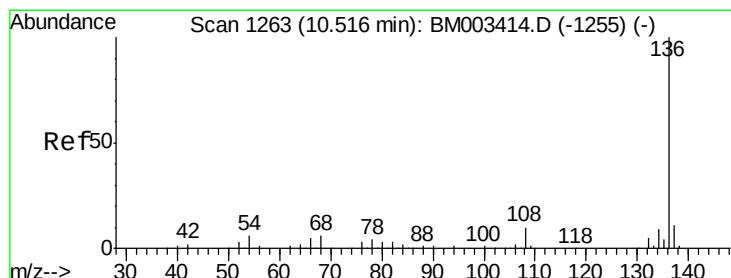
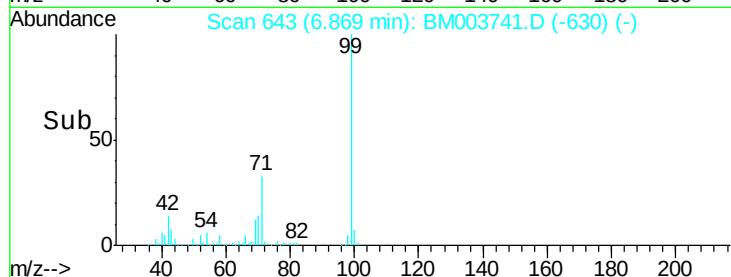
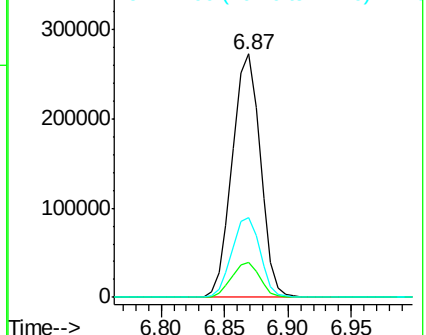
71 33.0 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003741.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003741.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003741.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BM003741.D

Acq: 23 Dec 2015 11:08

Tgt Ion: 136 Resp: 166149

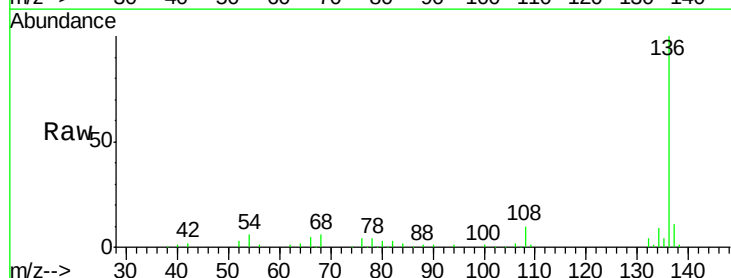
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.3 4.6 6.8

68 5.8 3.7 5.5#

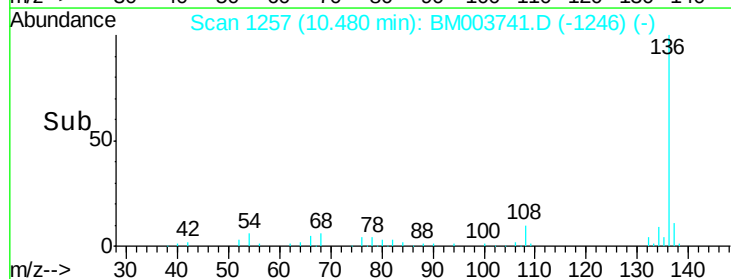
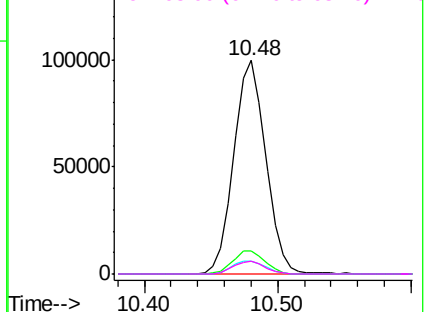


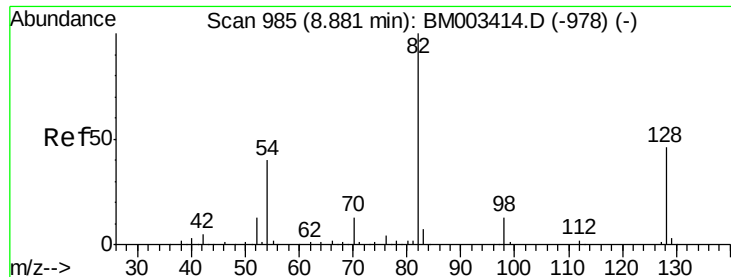
Abundance Ion 136.00 (135.70 to 136.70): BM003741.D (-1246) (-)

Ion 137.00 (136.70 to 137.70): BM003741.D (-1246) (-)

Ion 54.00 (53.70 to 54.70): BM003741.D (-1246) (-)

Ion 68.00 (67.70 to 68.70): BM003741.D (-1246) (-)

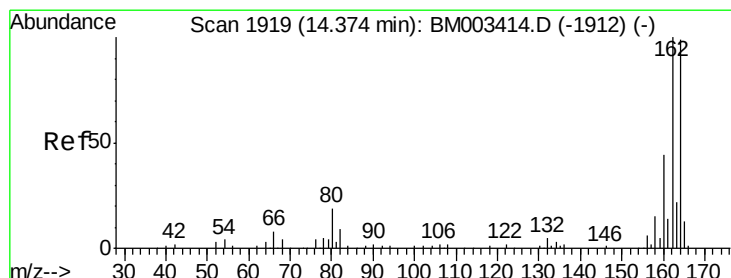
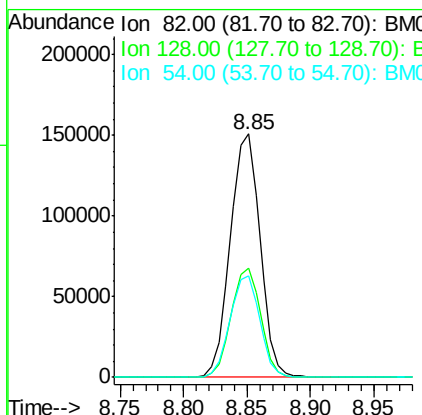
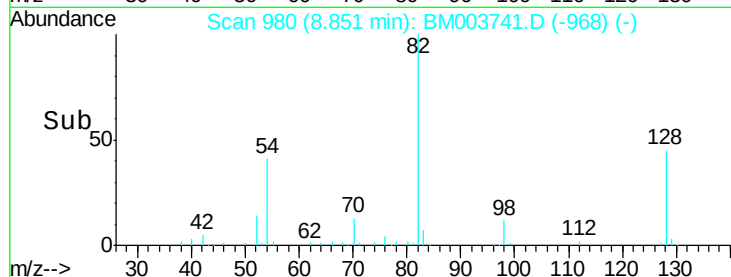
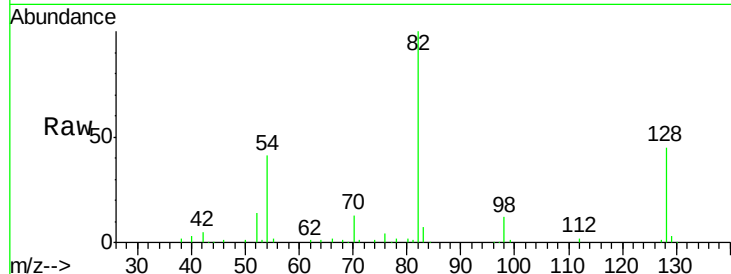




#23
Nitrobenzene-d5
Concen: 91.65 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BM003741.D
Acq: 23 Dec 2015 11:08

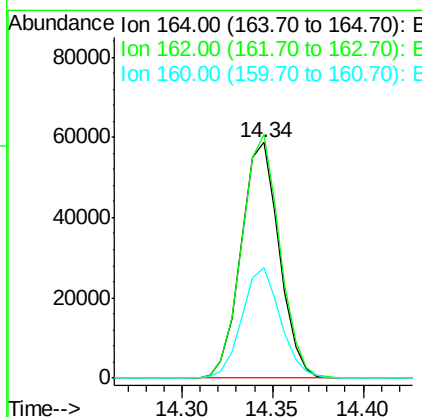
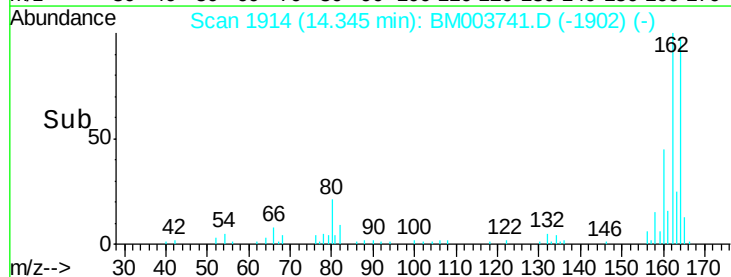
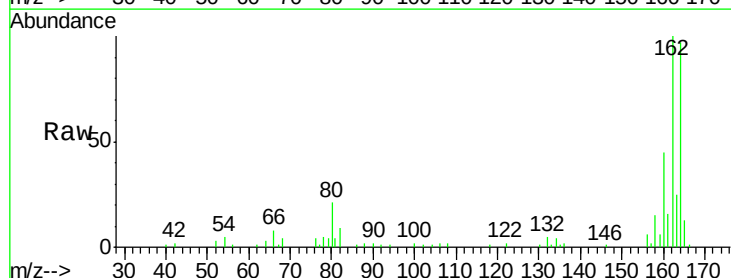
Instrument :
BNA_M
ClientSampleId :
L-2-12(0-2)

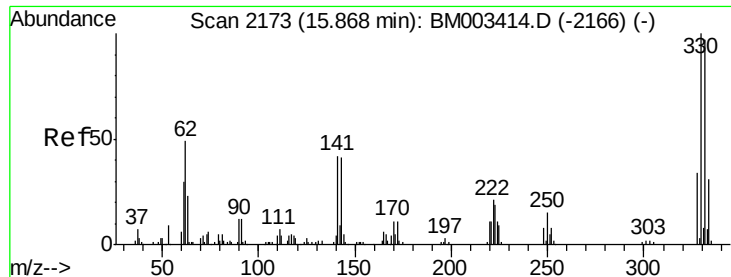
Tot Ion	82	Resp	245605
Ion Ratio	100	Lower	Upper
128	44.7	32.8	49.2
54	41.5	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1914
Delta R.T. -0.03 min
Lab File: BM003741.D
Acq: 23 Dec 2015 11:08

Tgt Ion	164	Resp	85705
Ion Ratio	100	Lower	Upper
162	103.3	82.4	123.6
160	46.6	35.8	53.6

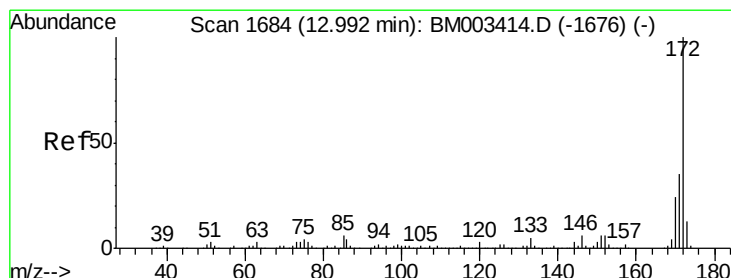
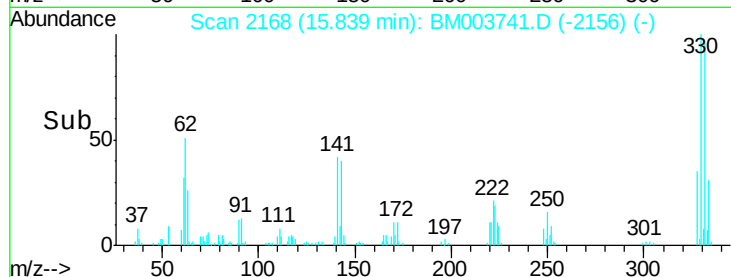
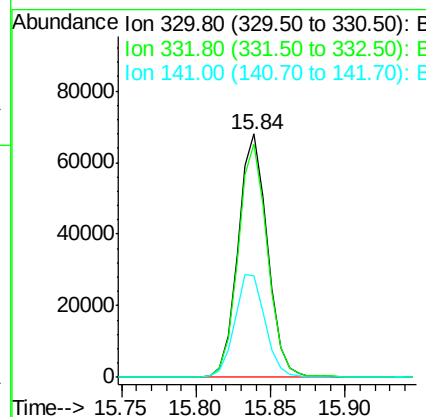
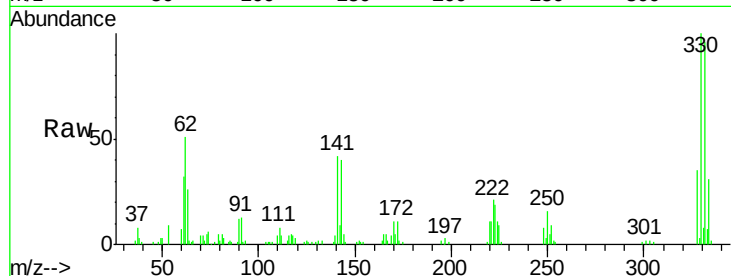




#41
 2,4,6-Tribromophenol
 Concen: 109.08 ng
 RT: 15.84 min Scan# 2168
 Delta R.T. -0.03 min
 Lab File: BM003741.D
 Acq: 23 Dec 2015 11:08

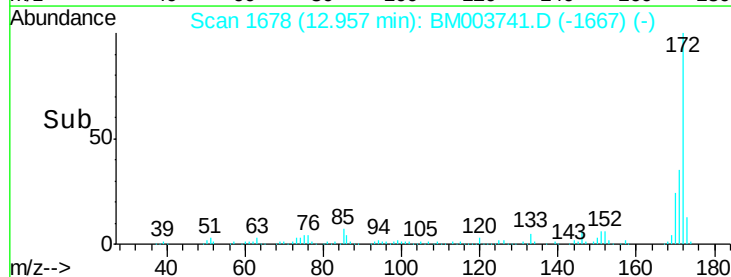
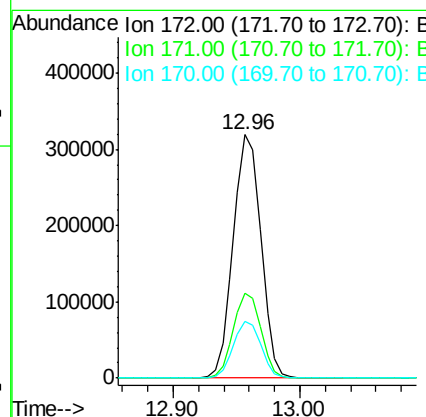
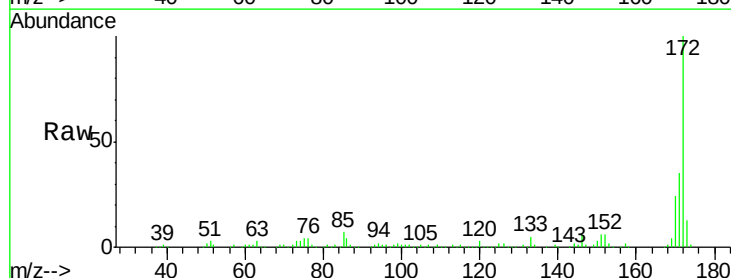
Instrument :
 BNA_M
 ClientSampleId :
 L-2-12(0-2)

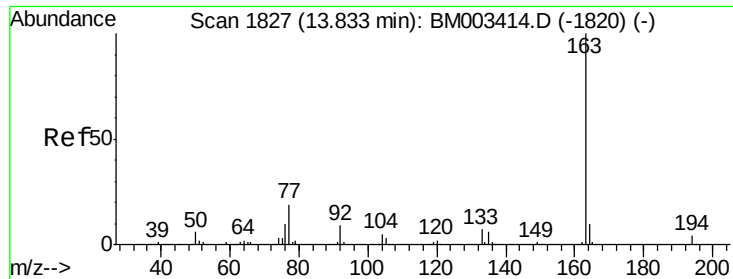
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	43.6	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 76.67 ng
 RT: 12.96 min Scan# 1678
 Delta R.T. -0.04 min
 Lab File: BM003741.D
 Acq: 23 Dec 2015 11:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.6	18.8	28.2





#49

Dimethylphthalate

Concen: 11.12 ng

RT: 13.80 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BM003741.D

Acq: 23 Dec 2015 11:08

Instrument :

BNA_M

ClientSampleId :

L-2-12(0-2)

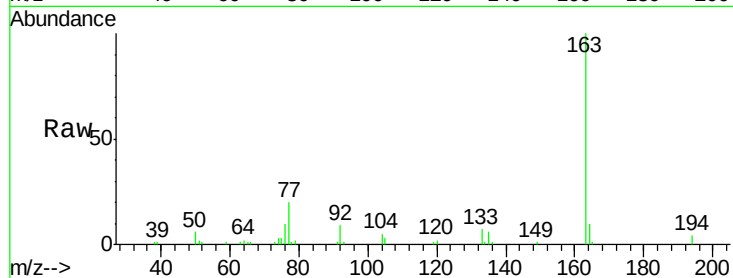
Tot Ion:163 Resp: 78514

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

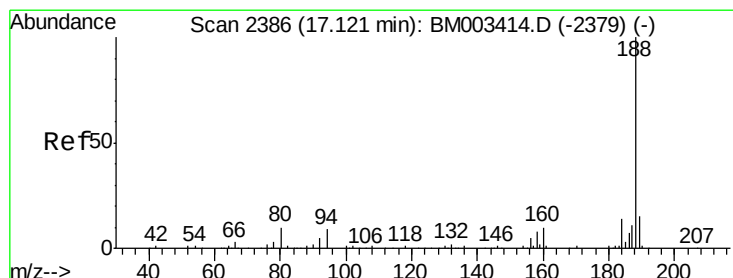
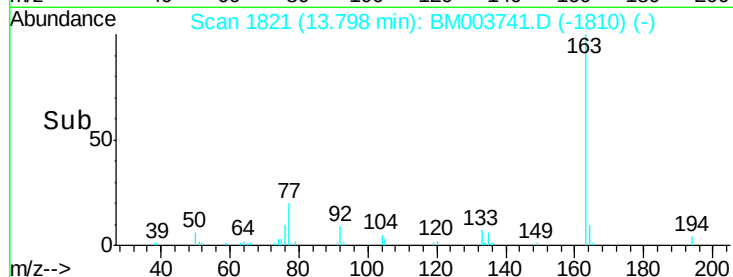
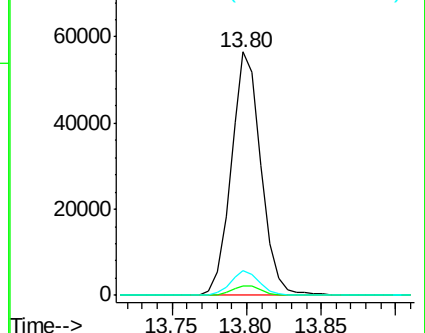
164 10.3 8.2 12.2



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: 17.09 min Scan# 2381

Delta R.T. -0.03 min

Lab File: BM003741.D

Acq: 23 Dec 2015 11:08

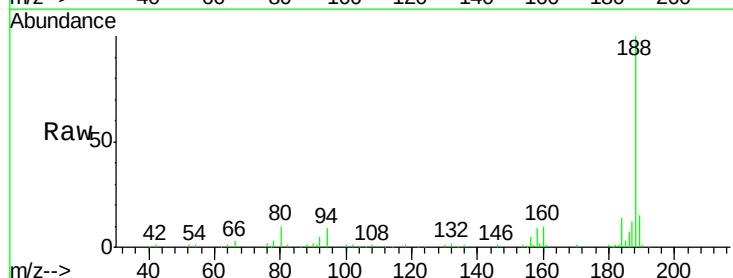
Tgt Ion:188 Resp: 184738

Ion Ratio Lower Upper

188 100

94 9.5 8.7 13.1

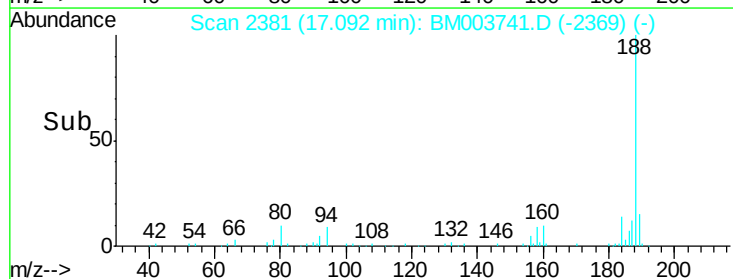
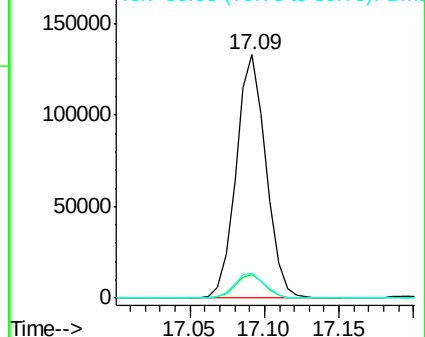
80 10.1 9.3 13.9

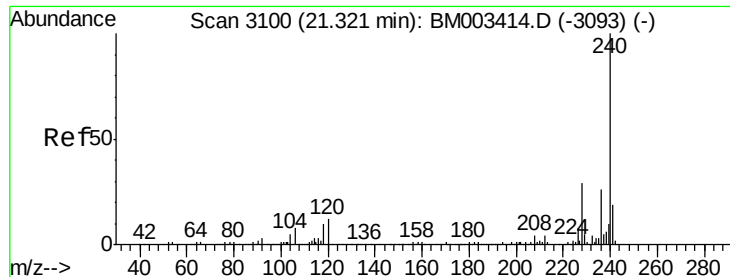


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.29 min Scan# 3095

Delta R.T. -0.03 min

Lab File: BM003741.D

Acq: 23 Dec 2015 11:08

Instrument :

BNA_M

ClientSampleId :

L-2-12(0-2)

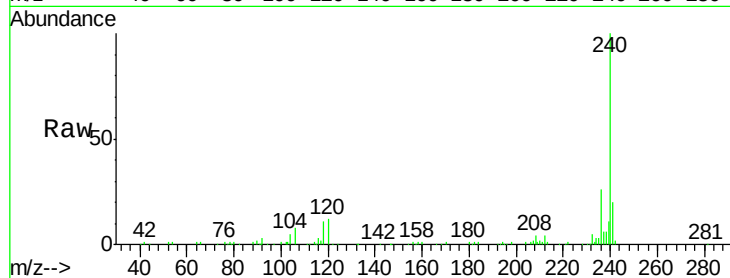
Tot Ion:240 Resp: 200170

Ion Ratio Lower Upper

240 100

120 12.1 8.2 12.2

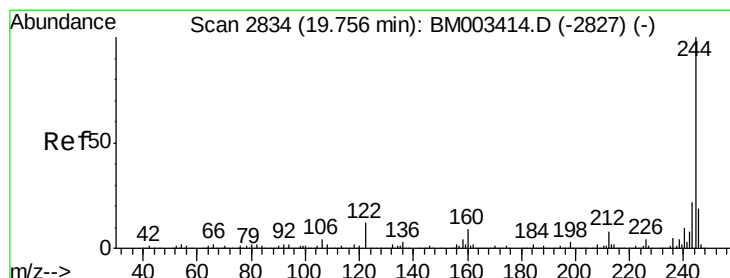
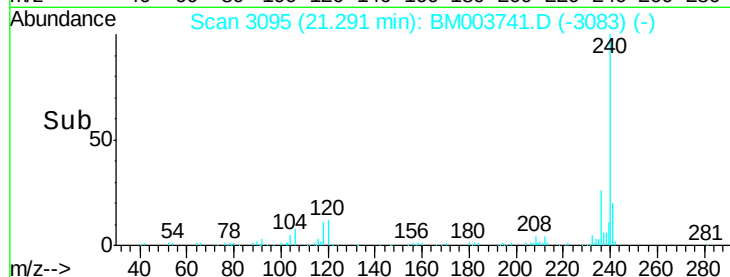
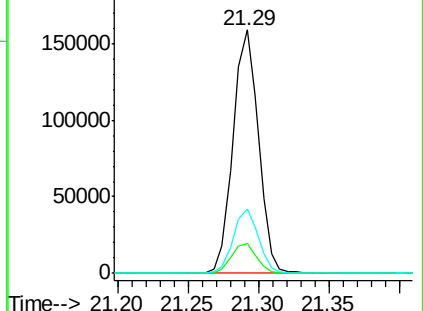
236 26.2 20.0 30.0



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: 55.98 ng

RT: 19.73 min Scan# 2829

Delta R.T. -0.03 min

Lab File: BM003741.D

Acq: 23 Dec 2015 11:08

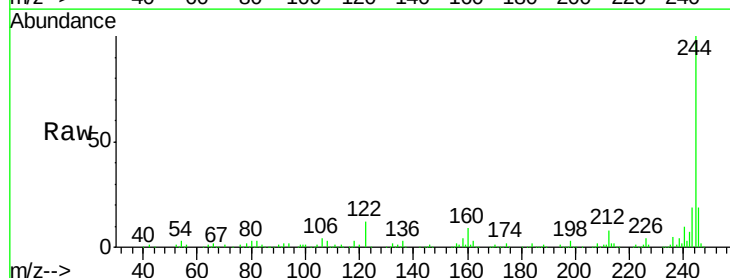
Tgt Ion:244 Resp: 475187

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

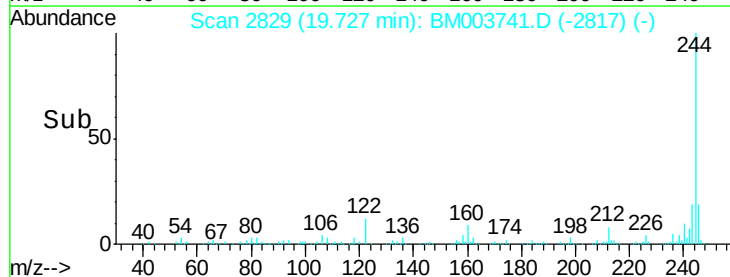
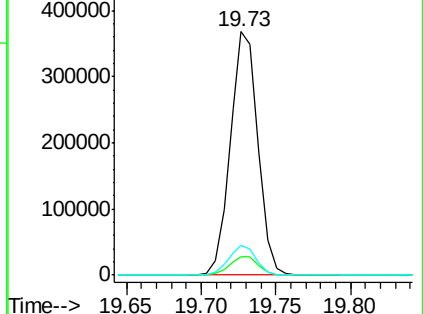
122 12.3 6.2 9.4#

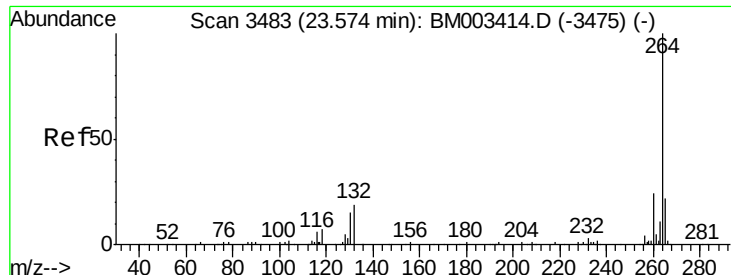


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.53 min Scan# 3476
Delta R.T. -0.04 min
Lab File: BM003741.D
Acq: 23 Dec 2015 11:08

Instrument :
BNA_M
ClientSampleId :
L-2-12(0-2)

Tot Ion:	264	Resp:	207482
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	21.3	17.3	25.9

