

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010096.D
 Acq On : 22 May 2017 11:25
 Operator : SJ/MA
 Sample : I3177-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOUTH-A

Quant Time: May 23 05:50:01 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

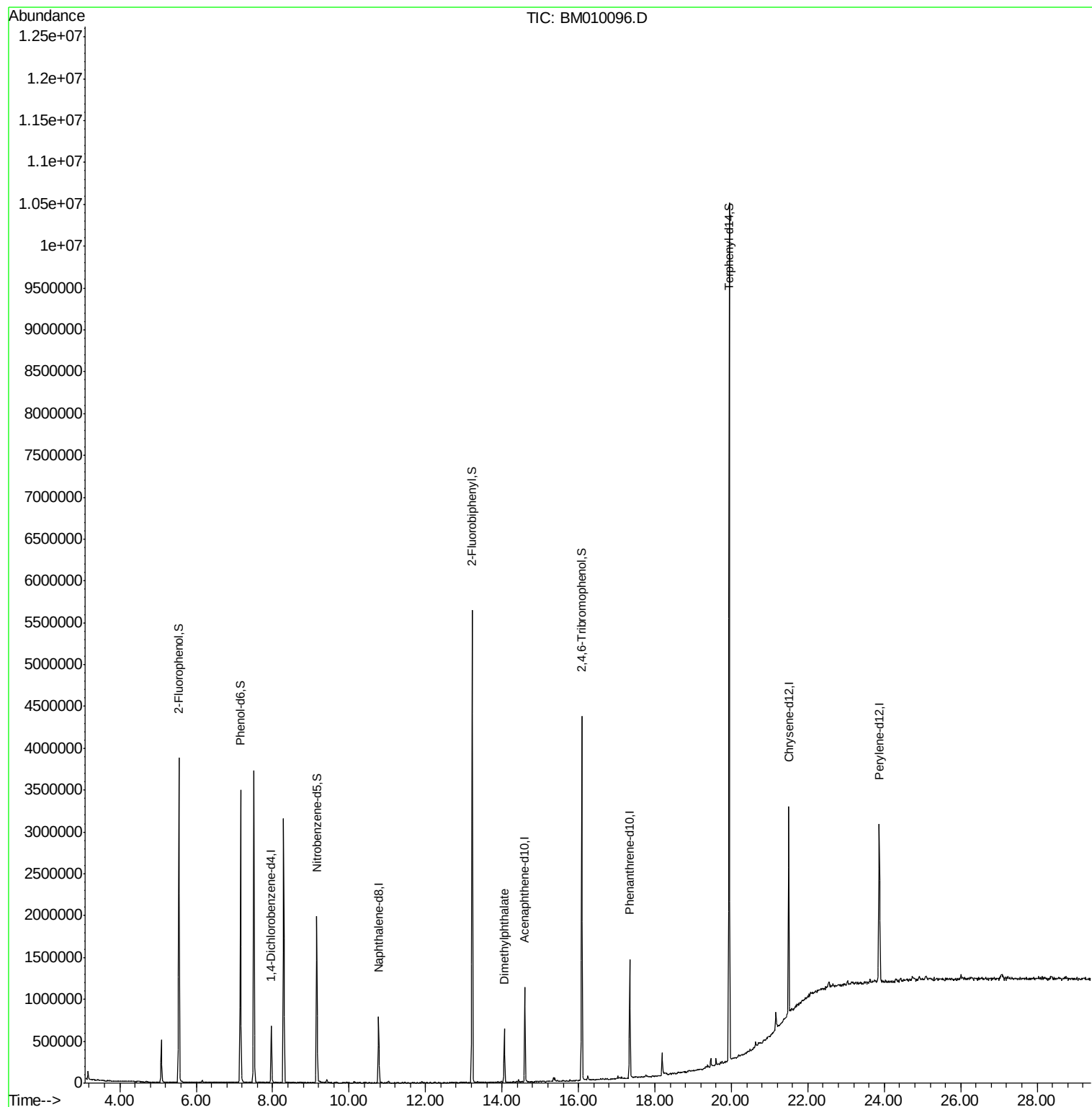
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	179031	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	581104	20.00	ng	-0.01
38) Acenaphthene-d10	14.60	164	349504	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	819064	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1277699	20.00	ng	-0.01
86) Perylene-d12	23.87	264	1550821	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1449622	146.22	ng	-0.01
7) Phenol-d6	7.16	99	1783272	139.79	ng	-0.01
23) Nitrobenzene-d5	9.15	82	1162455	107.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	736664	138.78	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	2846651	104.71	ng	-0.01
78) Terphenyl-d14	19.94	244	4380517	77.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.06	163	377299	12.10	ng	Qvalue # 97

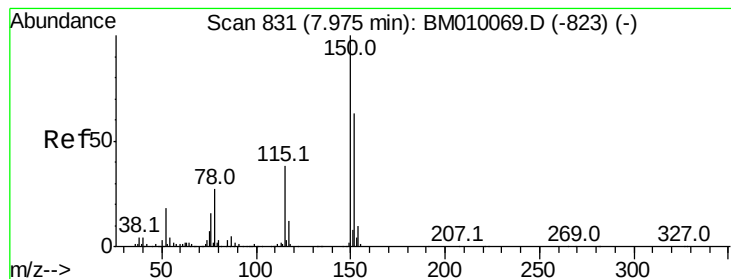
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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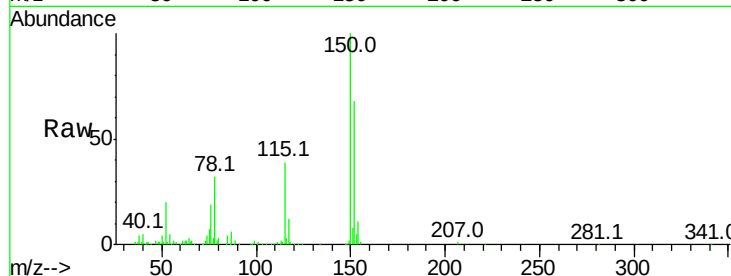


#1

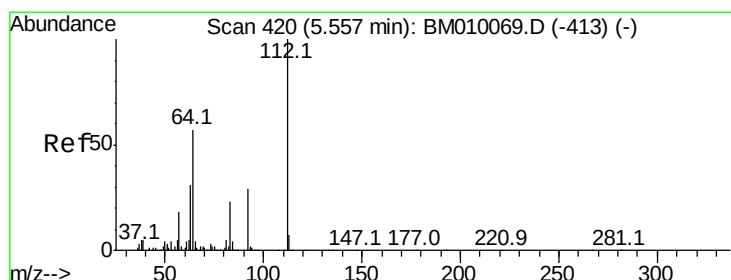
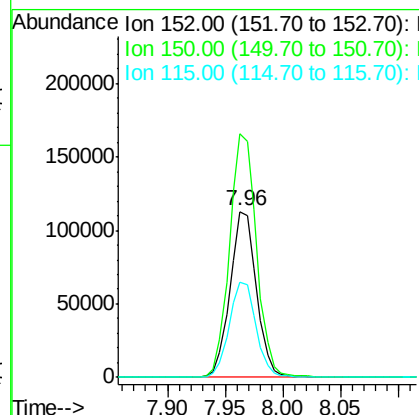
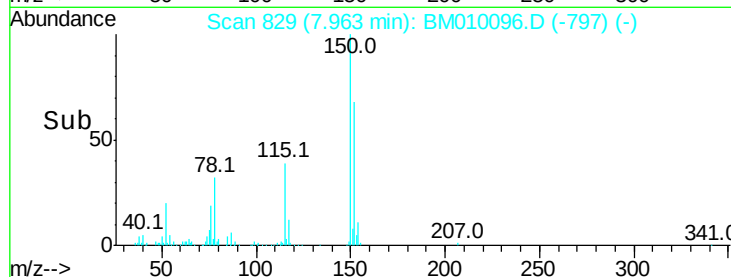
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010096.D
Acq: 22 May 2017 11:25

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	119.5	179.3
115	57.3	43.0	64.4



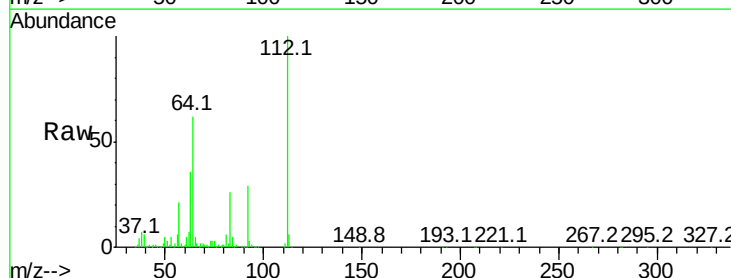
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



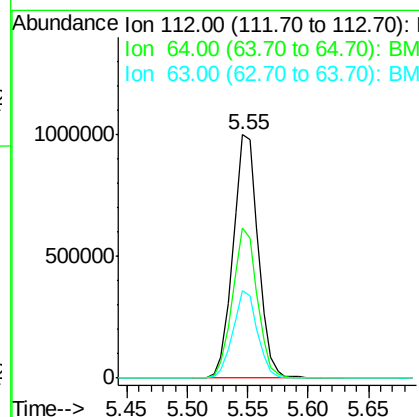
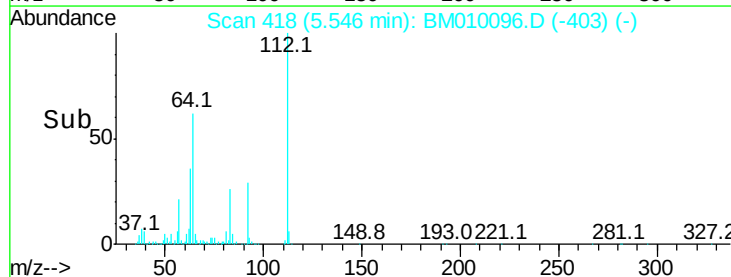
#5

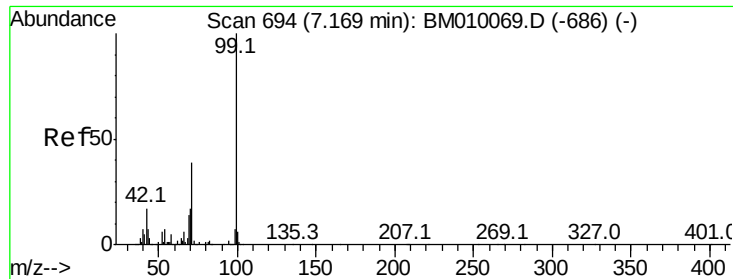
2-Fluorophenol
Concen: 146.22 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BM010096.D
Acq: 22 May 2017 11:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	38.6	57.8#
63	36.1	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: 139.79 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM010096.D

Acq: 22 May 2017 11:25

Instrument :

BNA_M

ClientSampleId :

SOUTH-A

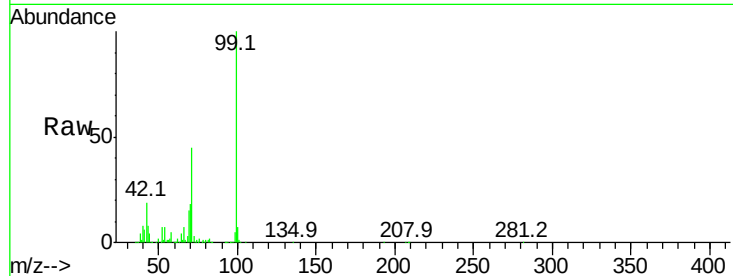
Tot Ion: 99 Resp: 1783272

Ion Ratio Lower Upper

99 100

42 18.9 11.0 16.4#

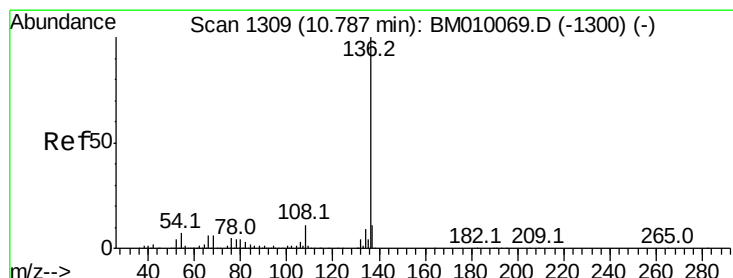
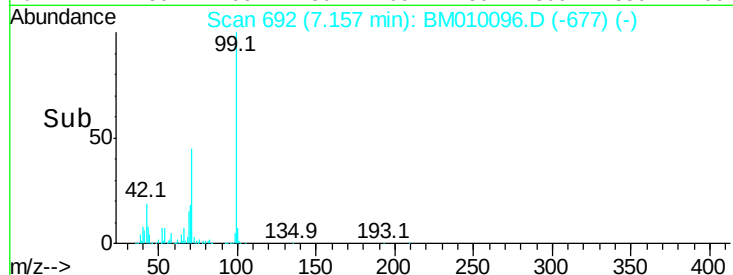
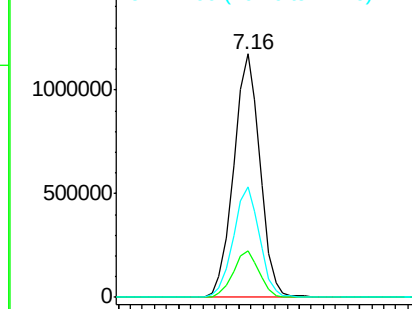
71 45.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM010096.D

Acq: 22 May 2017 11:25

Tgt Ion: 136 Resp: 581104

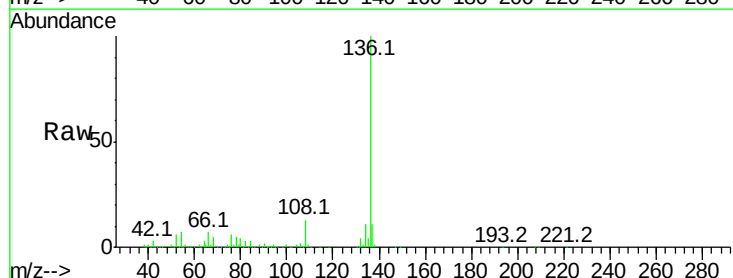
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.2 4.6 6.8#

68 5.0 3.7 5.5

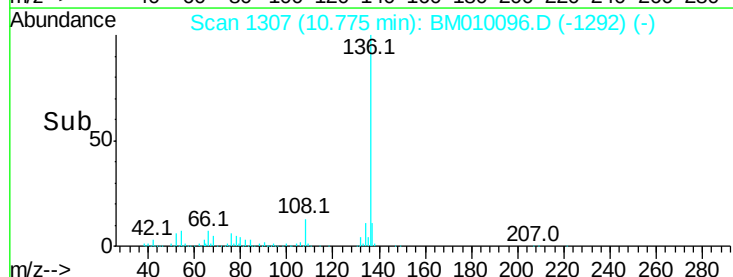
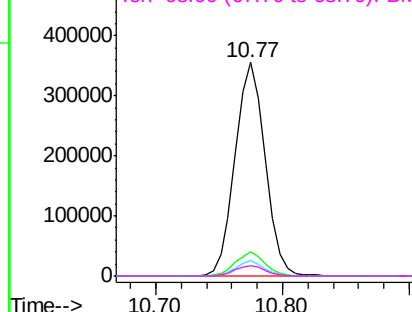


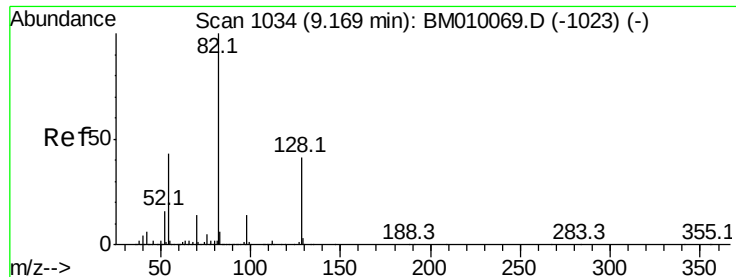
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

Ion 137.00 (136.70 to 137.70): BM010069.D (-1300) (-)

Ion 54.00 (53.70 to 54.70): BM010069.D (-1300) (-)

Ion 68.00 (67.70 to 68.70): BM010069.D (-1300) (-)

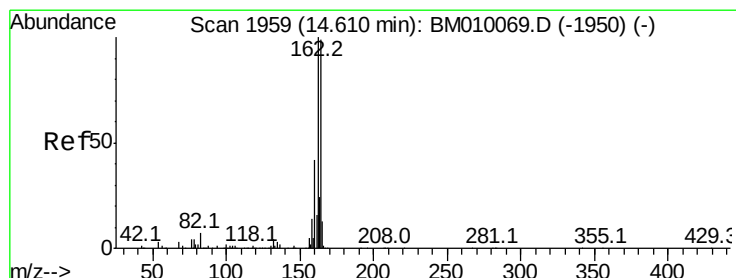
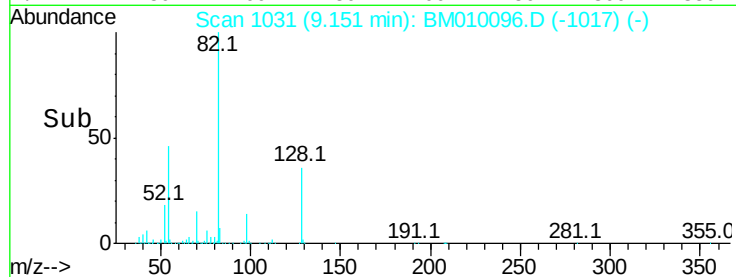
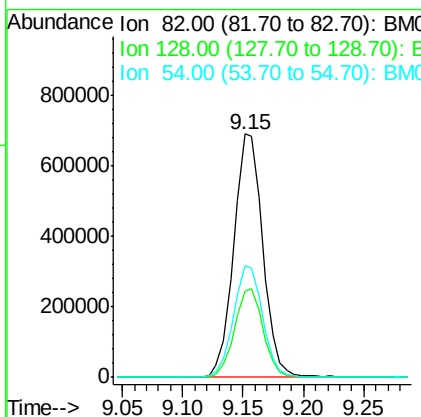
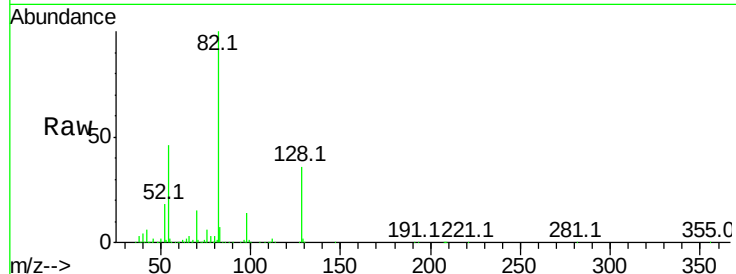




#23
 Nitrobenzene-d5
 Concen: 107.93 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BM010096.D
 Acq: 22 May 2017 11:25

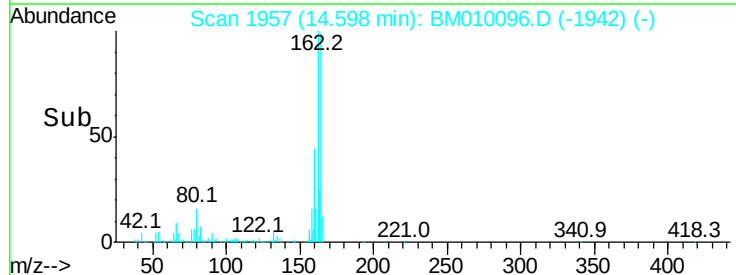
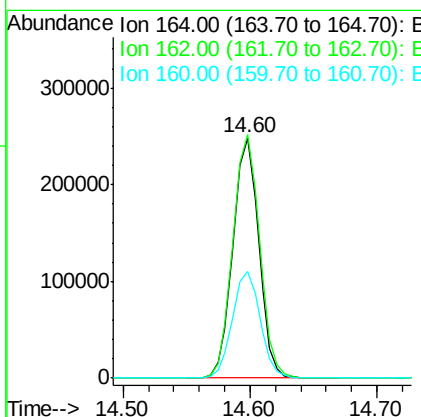
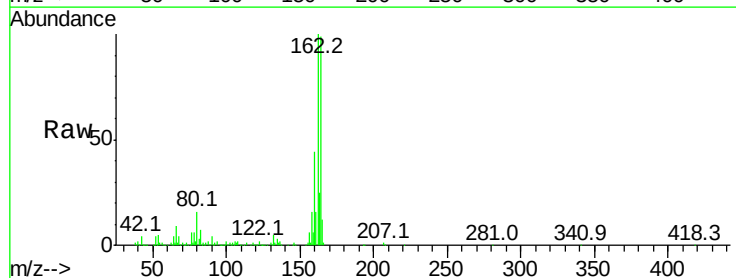
Instrument :
 BNA_M
 ClientSampleId :
 SOUTH-A

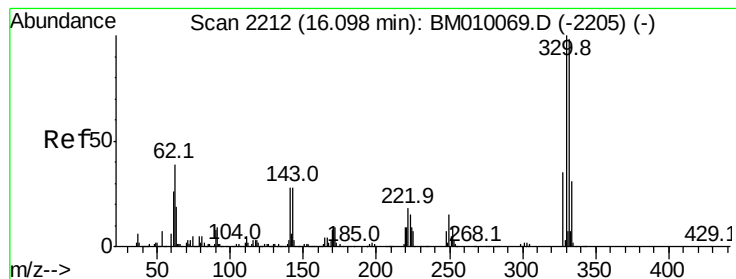
Tot Ion	82	Resp	1162455
Ion	Ratio	Lower	Upper
82	100		
128	35.6	32.8	49.2
54	45.7	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BM010096.D
 Acq: 22 May 2017 11:25

Tgt Ion	164	Resp	349504
Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.4	123.6
160	44.3	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 138.78 ng

RT: 16.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BM010096.D

Acq: 22 May 2017 11:25

Instrument :

BNA_M

ClientSampleId :

SOUTH-A

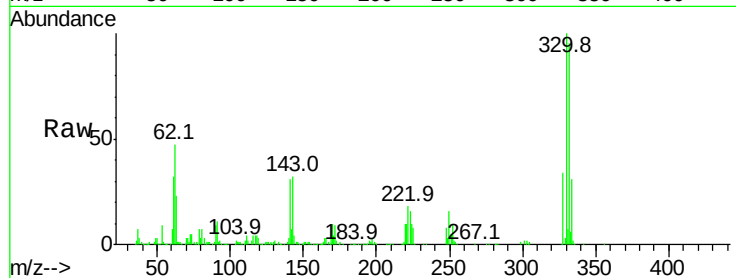
Tot Ion:330 Resp: 736664

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

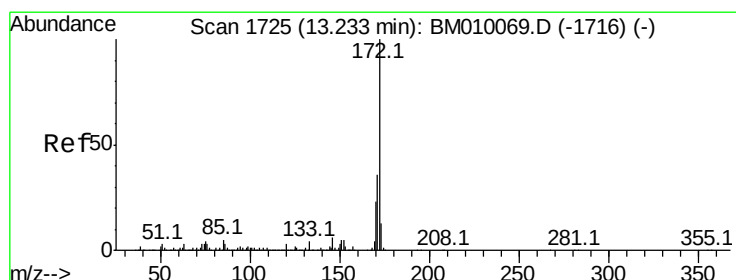
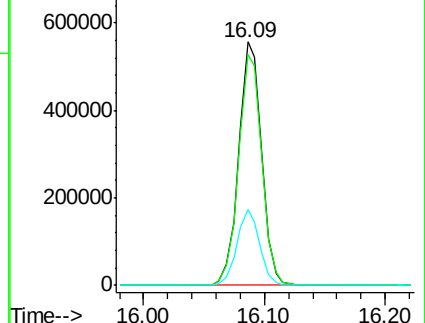
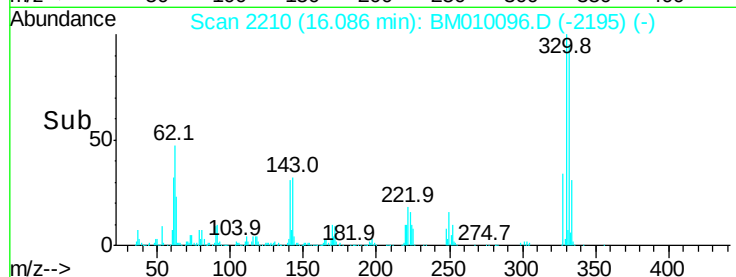
141 30.9 0.0 0.0#



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: 104.71 ng

RT: 13.22 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BM010096.D

Acq: 22 May 2017 11:25

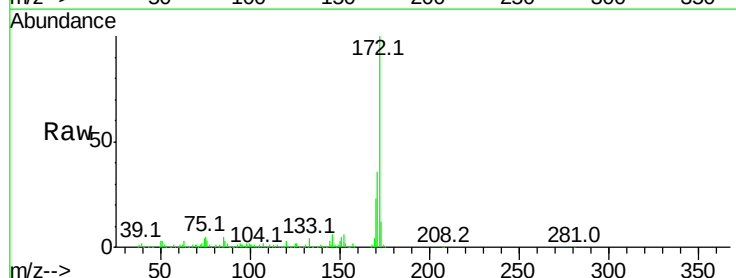
Tgt Ion:172 Resp: 2846651

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

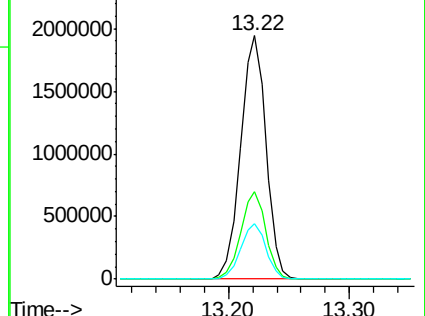
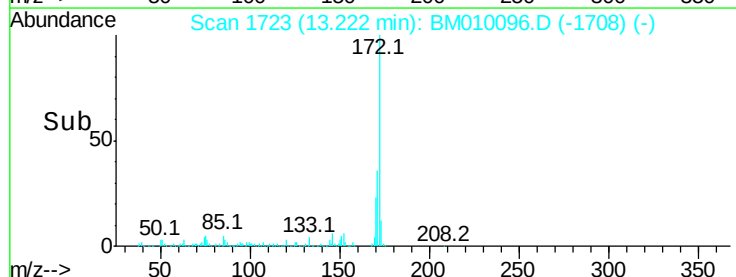
170 23.0 18.8 28.2

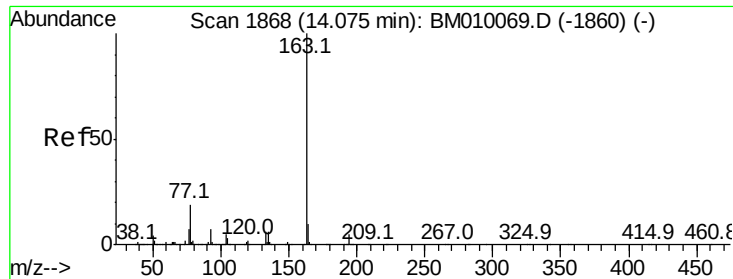


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 12.10 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BM010096.D

Acq: 22 May 2017 11:25

Instrument :

BNA_M

ClientSampleId :

SOUTH-A

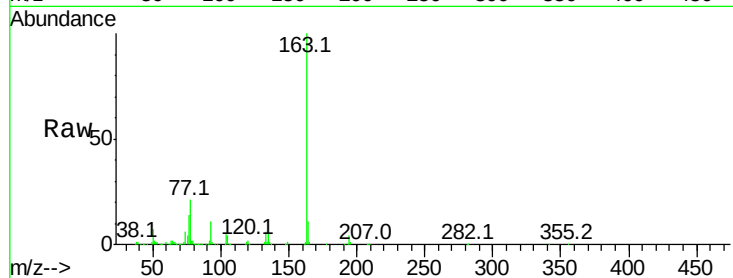
Tot Ion:163 Resp: 377299

Ion Ratio Lower Upper

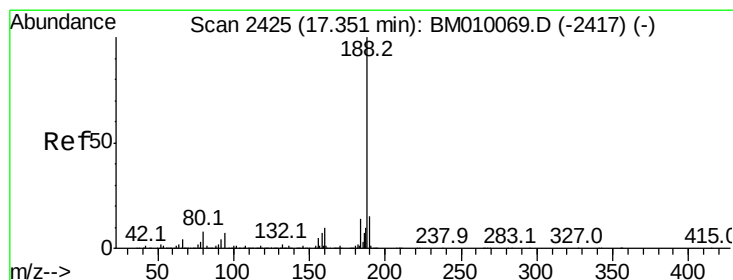
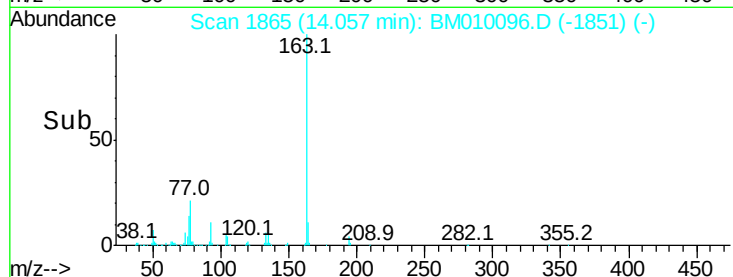
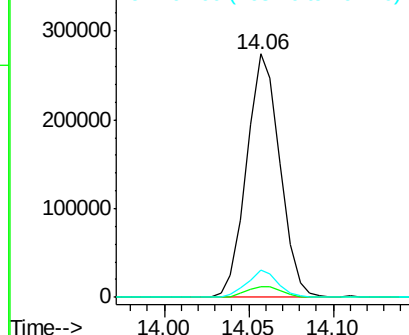
163 100

194 4.4 2.7 4.1#

164 11.1 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: 17.34 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BM010096.D

Acq: 22 May 2017 11:25

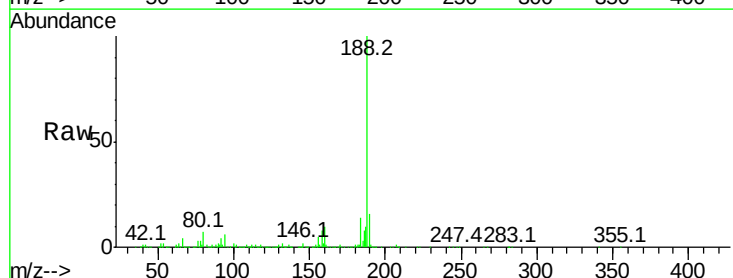
Tgt Ion:188 Resp: 819064

Ion Ratio Lower Upper

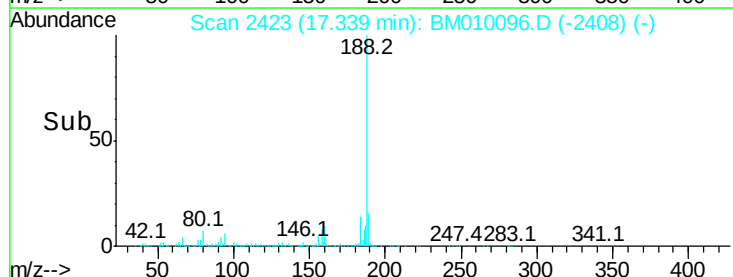
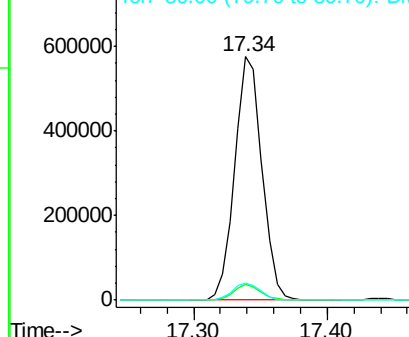
188 100

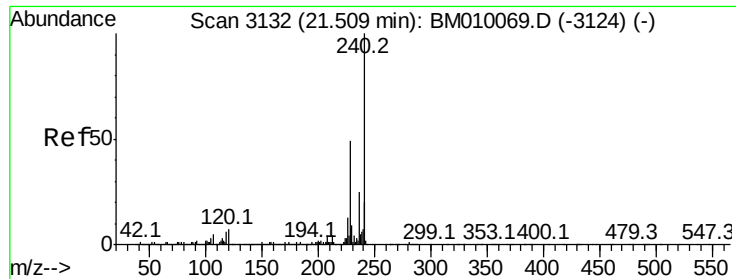
94 6.2 8.7 13.1#

80 7.2 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: 21.50 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM010096.D

Acq: 22 May 2017 11:25

Instrument :

BNA_M

ClientSampled :

SOUTH-A

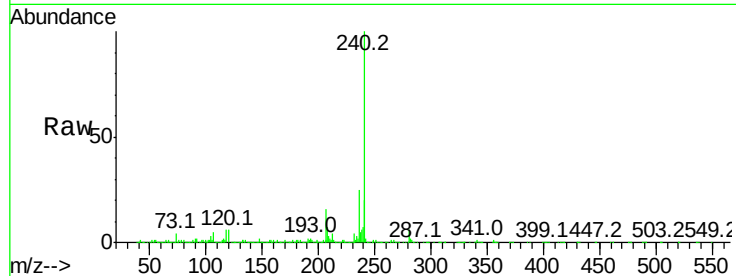
Tot Ion:240 Resp: 1277699

Ion Ratio Lower Upper

240 100

120 6.3 8.2 12.2#

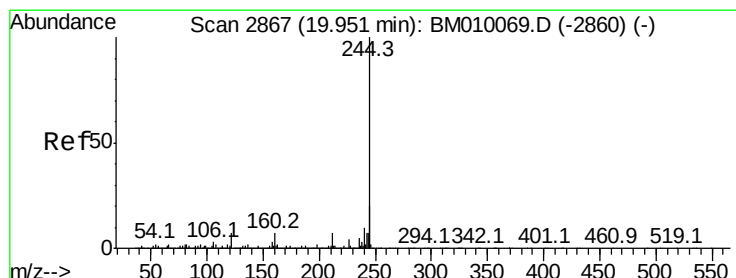
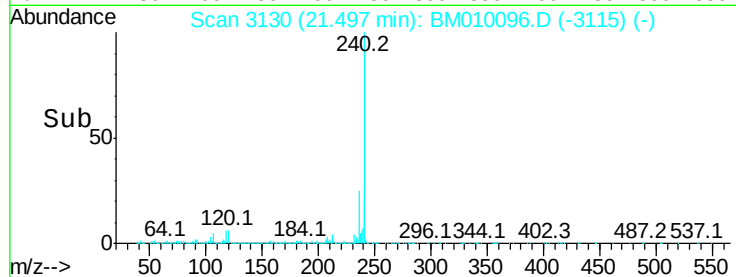
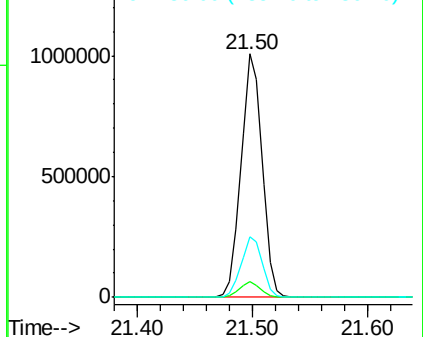
236 24.9 20.0 30.0



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: 77.96 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM010096.D

Acq: 22 May 2017 11:25

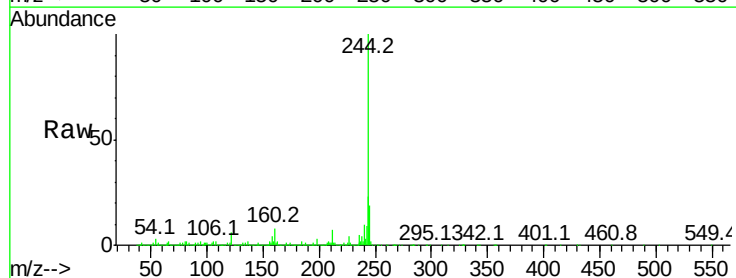
Tgt Ion:244 Resp: 4380517

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

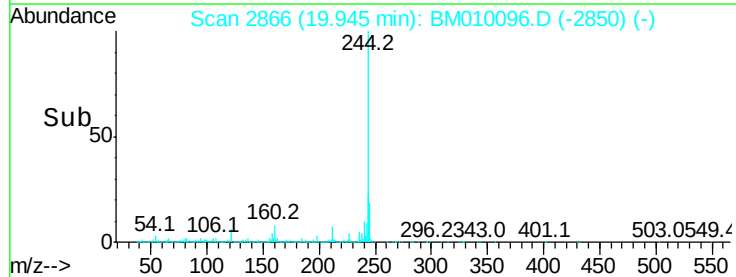
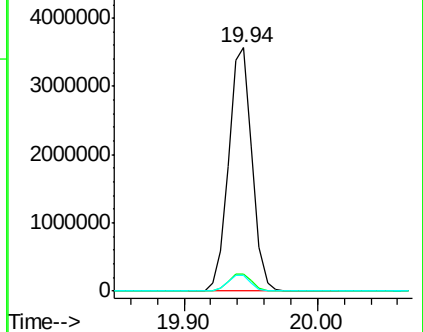
122 6.3 6.2 9.4

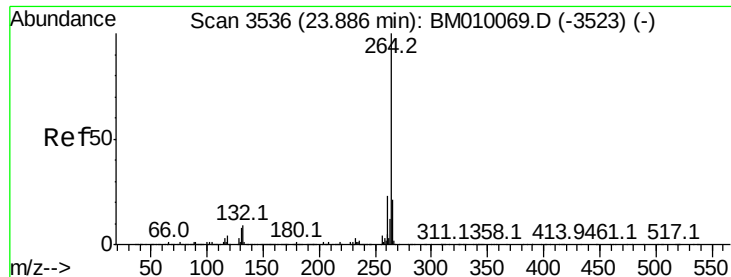


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.87 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BM010096.D
Acq: 22 May 2017 11:25

Instrument :
BNA_M
ClientSampleId :
SOUTH-A

Tot Ion:264 Resp: 1550821

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.0	17.3	25.9

