

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 :

Quant Time: May 23 05:24:22 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

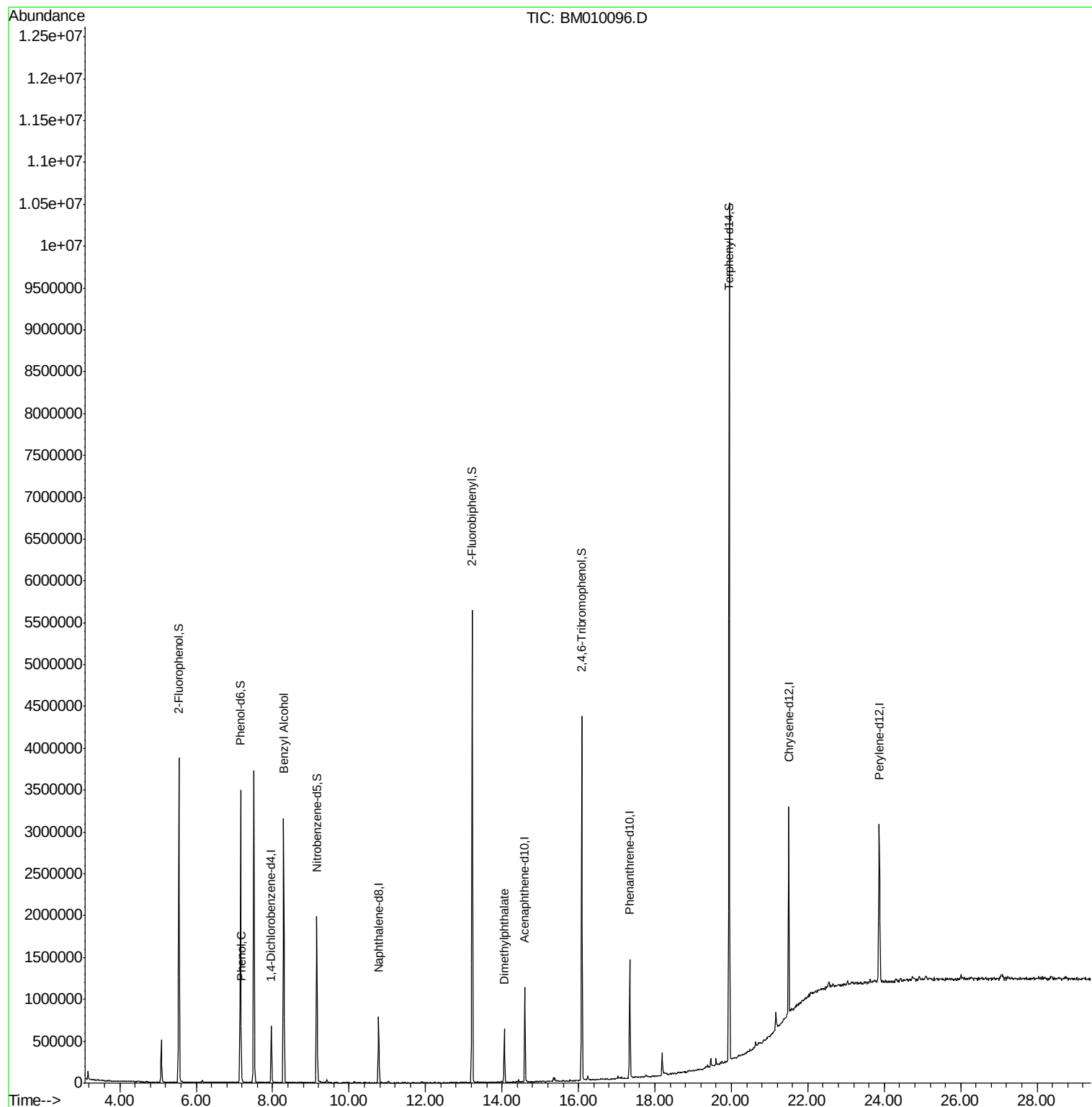
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	179031	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	581104	20.00	ng	-0.01
38) Acenaphthene-d10	14.60	164	349504	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	819064	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1277699	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						
10) Phenol	7.18	94	31818	2.37	ng	Qvalue 93
15) Benzyl Alcohol	8.29	79	24547	2.54	ng	# 50
49) Dimethylphthalate	14.06	163	377299	12.10	ng	# 97

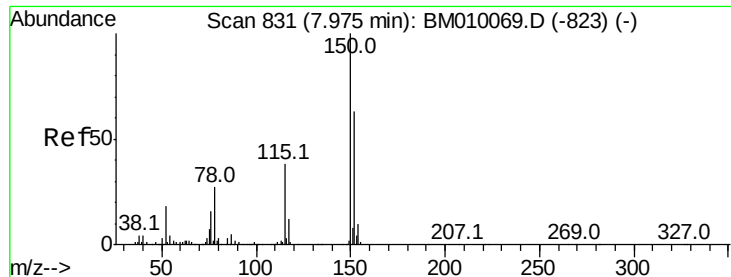
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

ClientSampled :

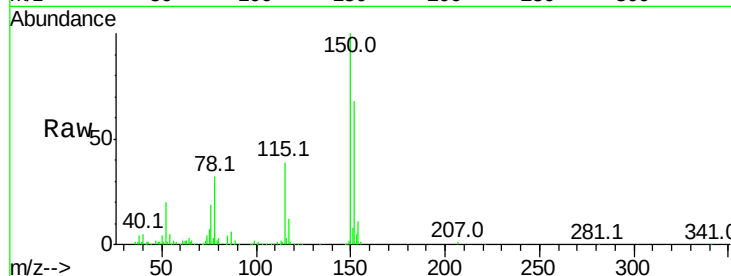
Tot Ion:152 Resp: 179031

Ion Ratio Lower Upper

152 100

150 146.9 119.5 179.3

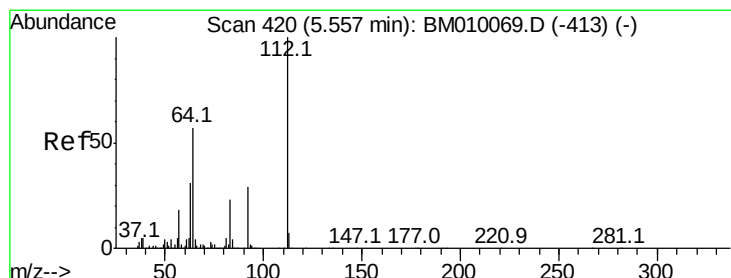
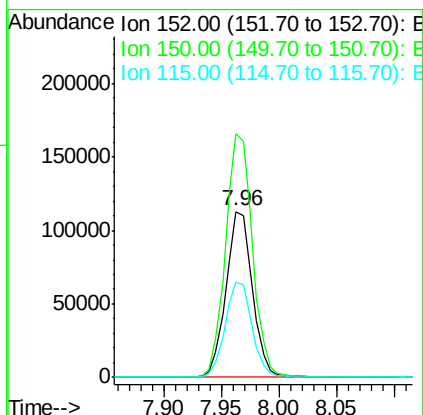
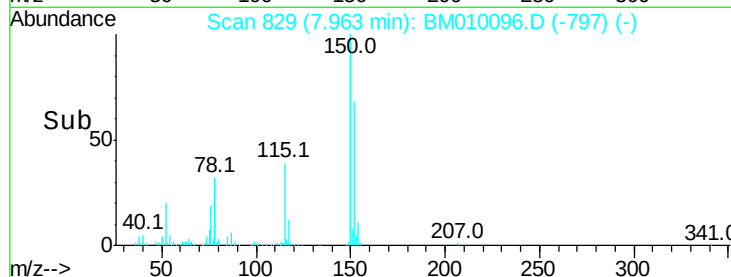
115 57.3 43.0 64.4



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

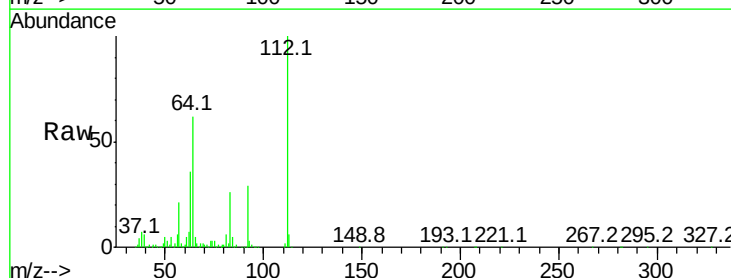
Tgt Ion:112 Resp: 1449622

Ion Ratio Lower Upper

112 100

64 61.8 38.6 57.8#

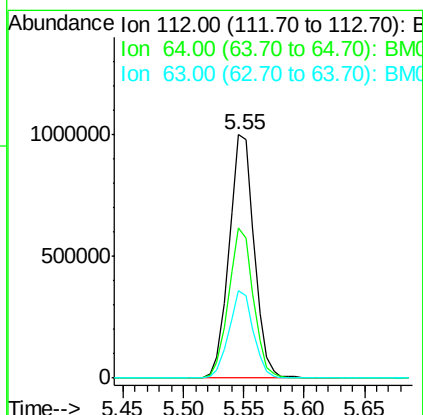
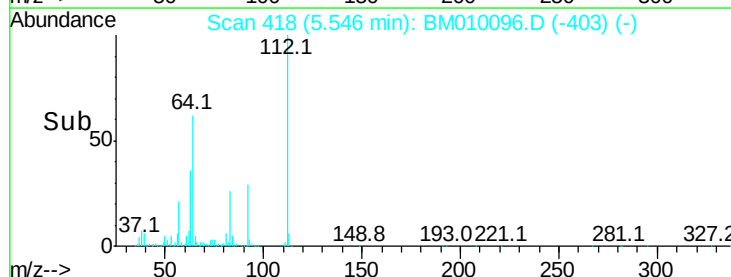
63 36.1 19.3 28.9#

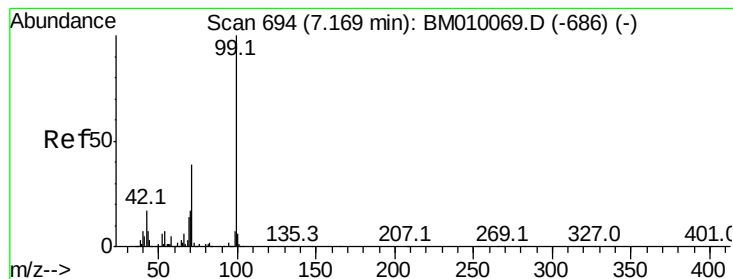


Abundance Ion 112.00 (111.70 to 112.70): E

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 :

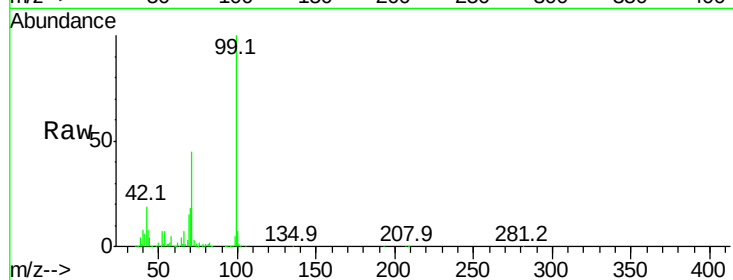
Tot Ion: 99 Resp: 1783272

Ion Ratio Lower Upper

99 100

42 18.9 11.0 16.4#

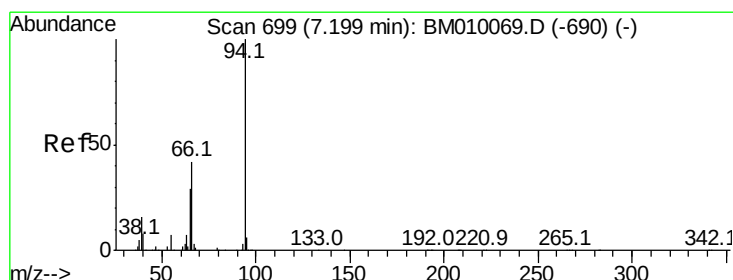
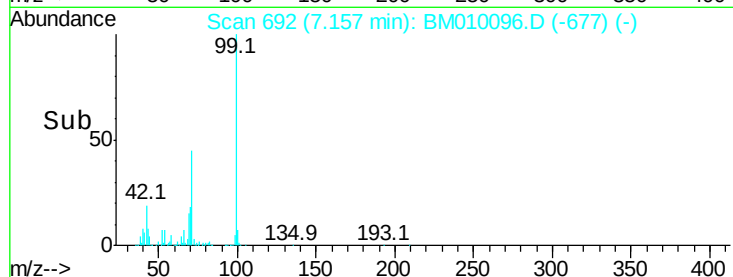
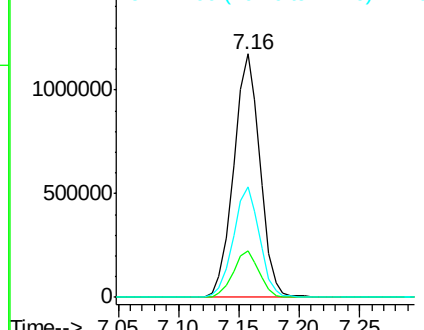
71 45.1 23.4 35.2#



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) (-)



#10

Phenol

Concen: 2.37 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.02 min

Lab File: BM010096.D

Acq: 22 May 2017 11:25

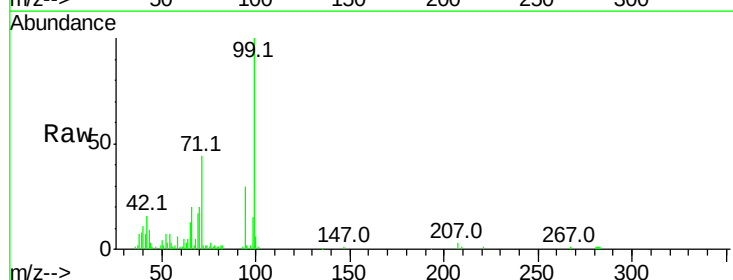
Tgt Ion: 94 Resp: 31818

Ion Ratio Lower Upper

94 100

65 41.8 18.8 58.8

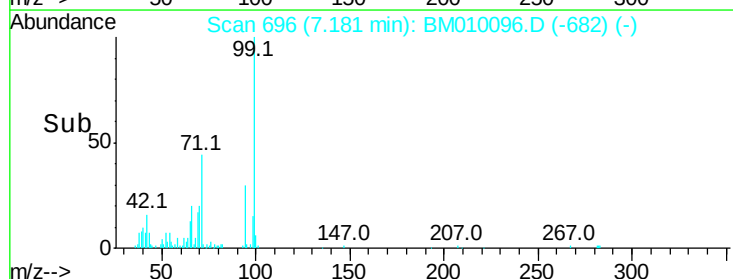
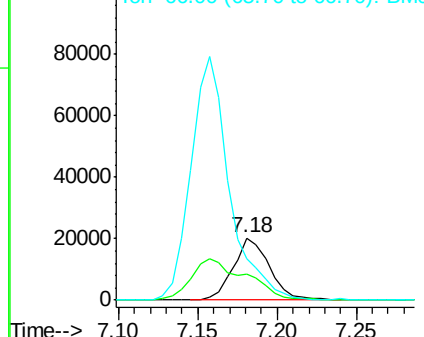
66 66.2 39.9 79.9

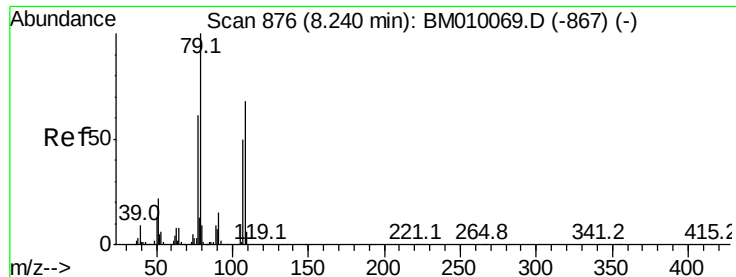


Abundance Ion 94.00 (93.70 to 94.70): BM010069.D (-690) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM010069.D (-690) (-)





#15

Benzyl Alcohol

Concen: 2.54 ng

RT: 8.29 min Scan# 884

Delta R.T. 0.05 min

Lab File: BM010096.D

Acq: 22 May 2017 11:25

Instrument :

BNA_M

ClientSampled :

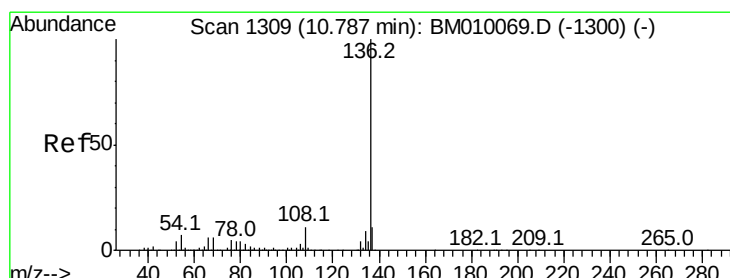
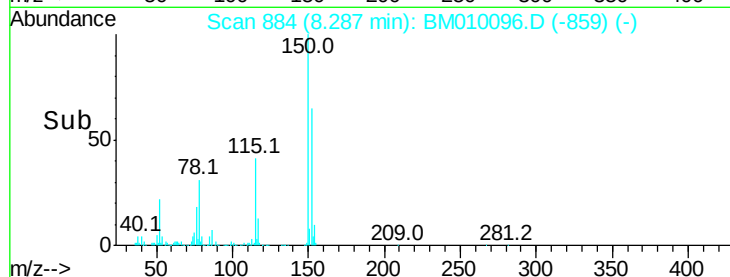
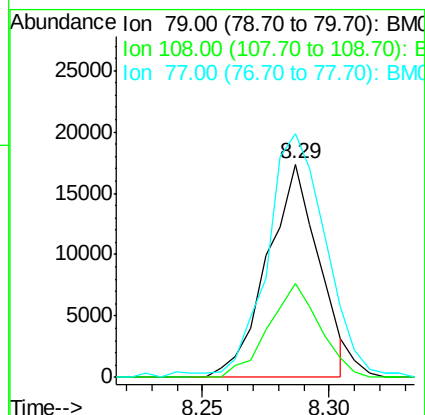
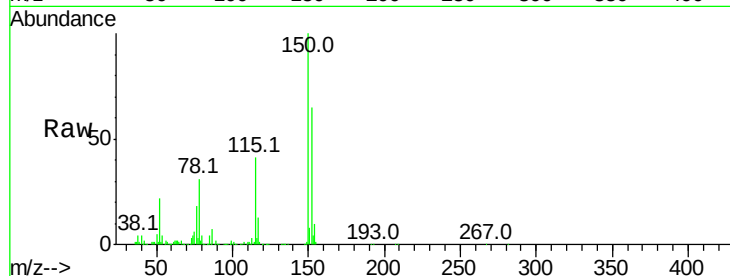
Tot Ion: 79 Resp: 24547

Ion Ratio Lower Upper

79 100

108 43.8 65.0 97.4#

77 114.1 53.0 79.6#



#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

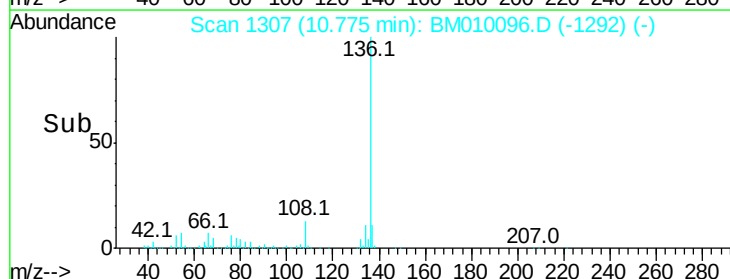
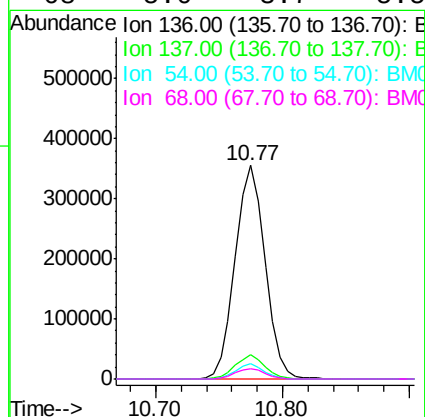
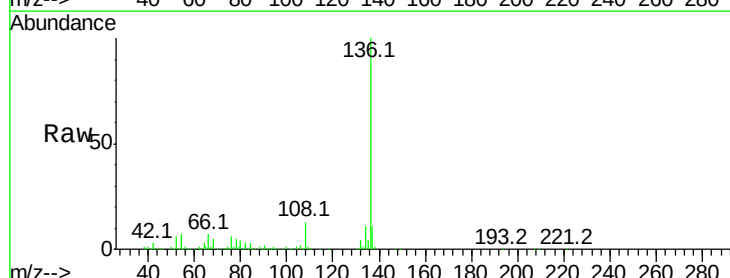
Ion Ratio Lower Upper

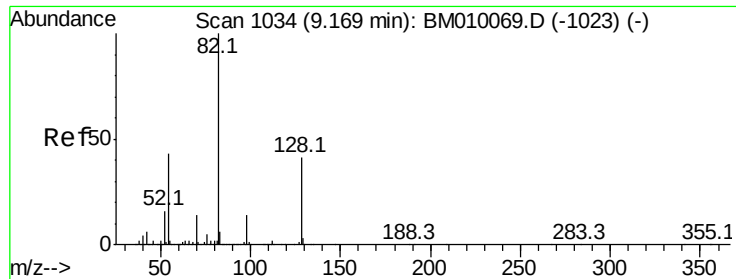
136 100

137 11.2 8.7 13.1

54 7.2 4.6 6.8#

68 5.0 3.7 5.5

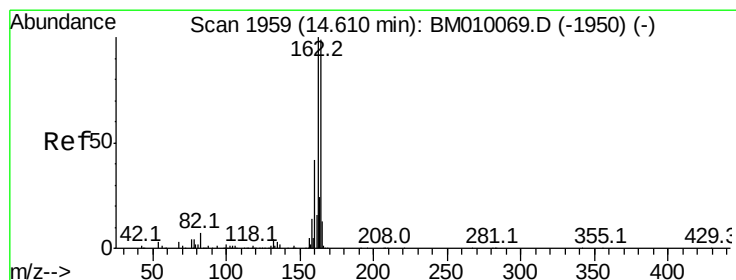
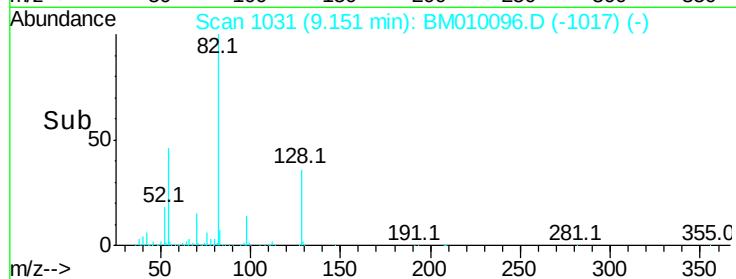
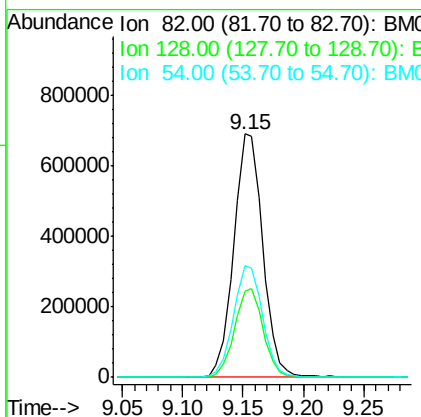
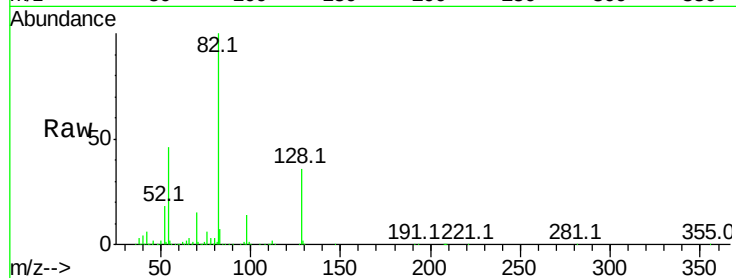




#23
 Nitrobenzene-d5
 Concen: 107.93 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BM010096.D
 Acq: 22 May 2017 11:25

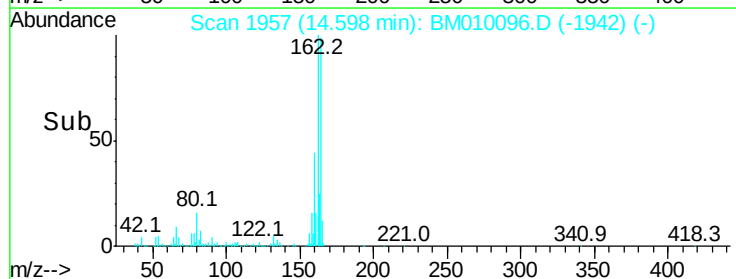
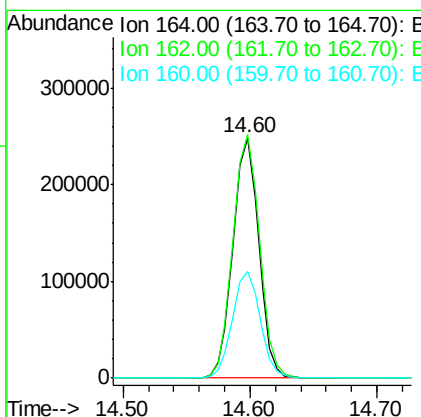
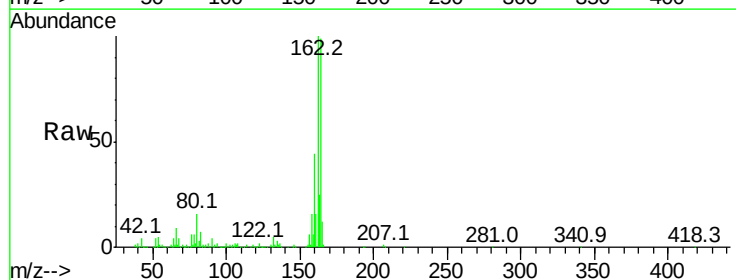
Instrument :
 BNA_M
 ClientSampleId :

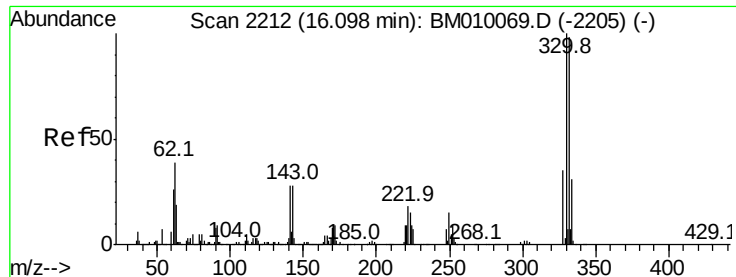
Tot Ion	82	Resp	1162455
Ion	Ratio	Lower	Upper
82	100		
128	35.6	32.8	49.2
54	45.7	40.6	60.8



#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

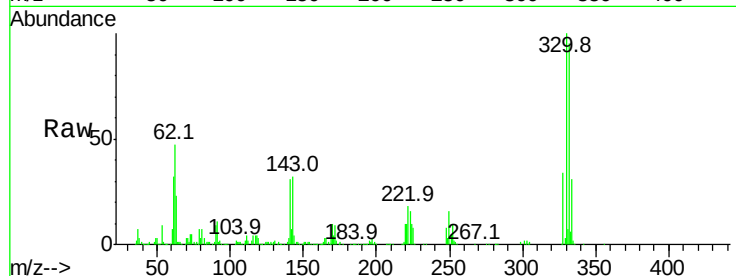




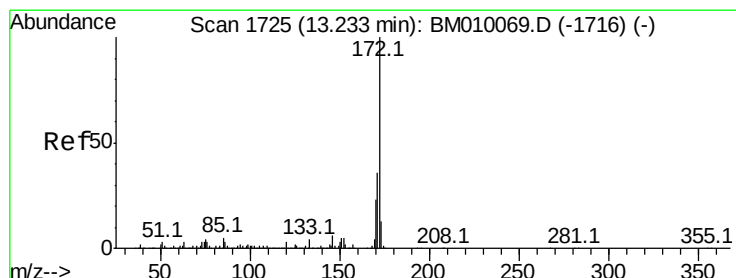
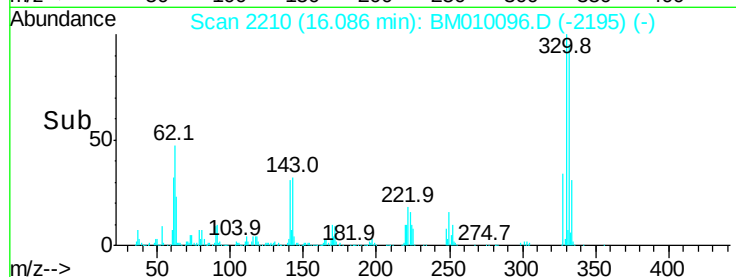
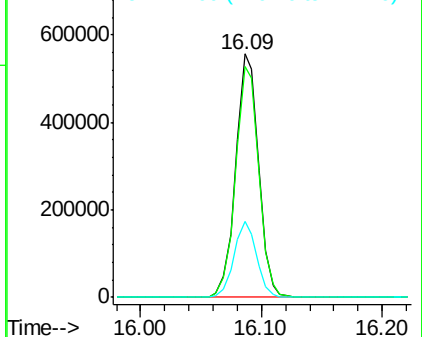
#41
 2,4,6-Tribromophenol
 Concen: 138.78 ng
 RT: 16.09 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BM010096.D
 Acq: 22 May 2017 11:25

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	30.9	0.0	0.0#

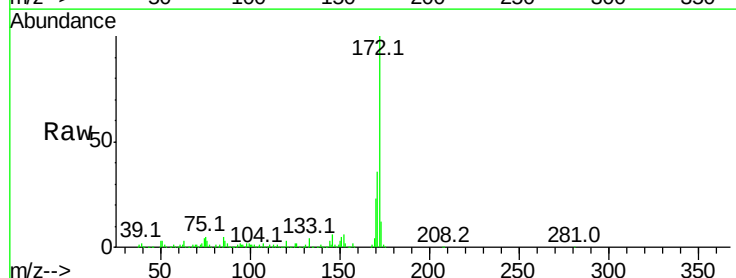


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

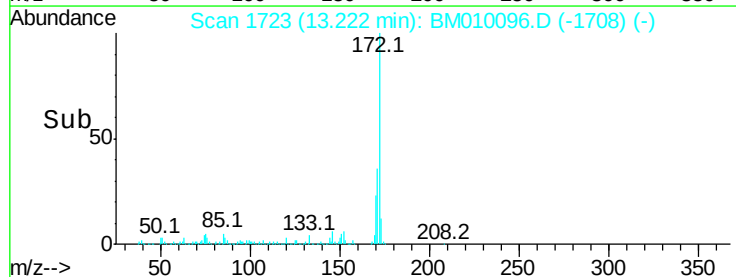
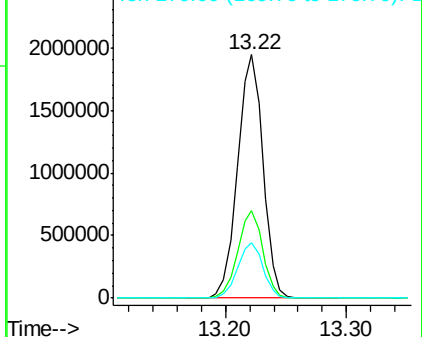


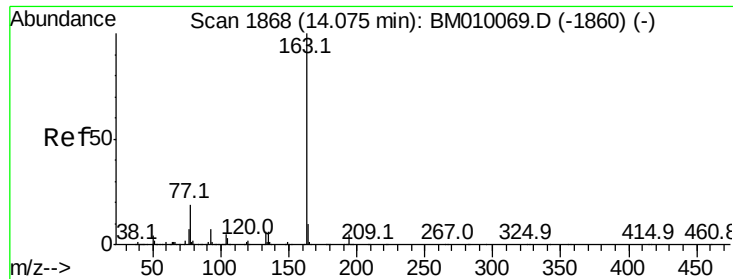
#44
 2-Fluorobiphenyl
 Concen: 104.71 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM010096.D
 Acq: 22 May 2017 11:25

Tgt Ion	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 :

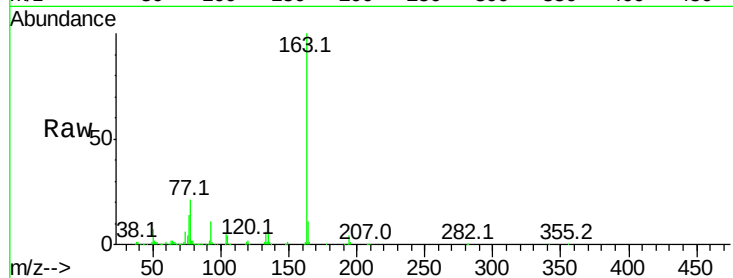
Tot Ion:163 Resp: 377299

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

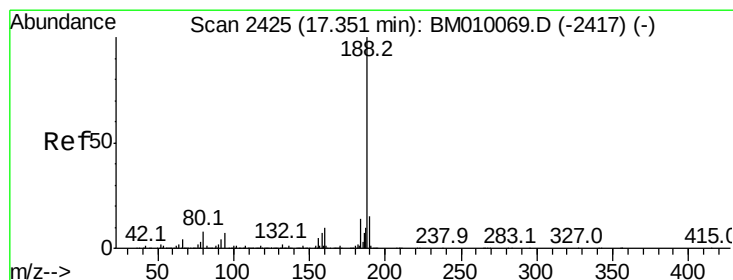
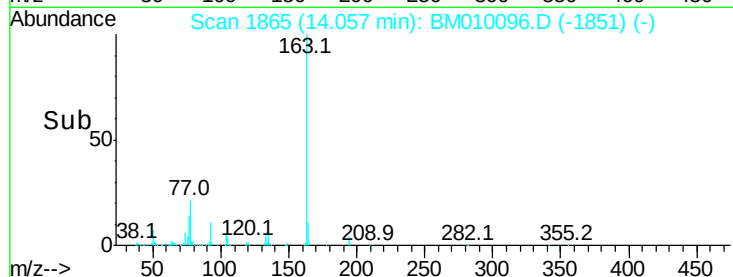
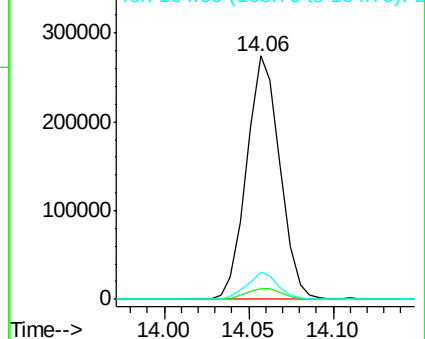
164 11.1 8.2 12.2



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

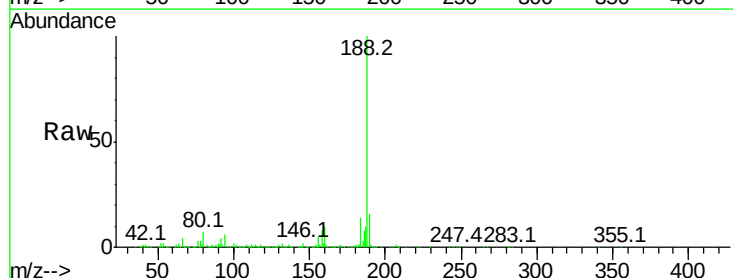
Tgt Ion:188 Resp: 819064

Ion Ratio Lower Upper

188 100

94 6.2 8.7 13.1#

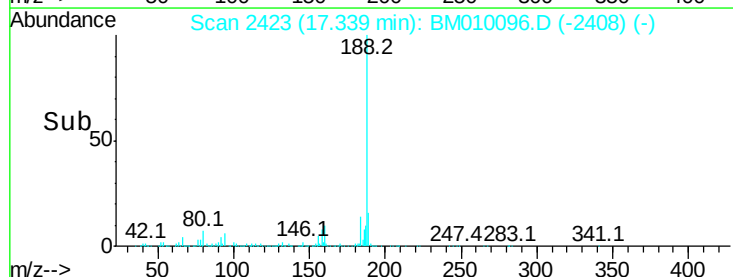
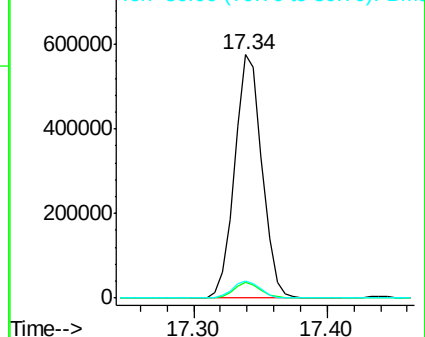
80 7.2 9.3 13.9#

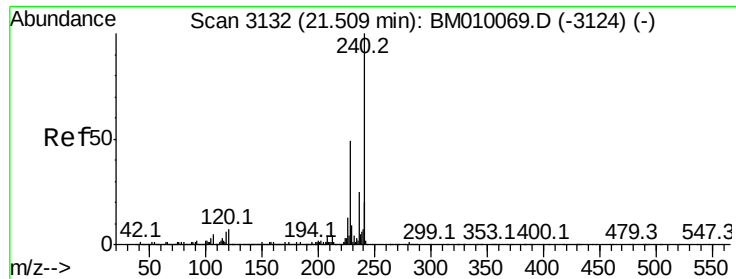


Abundance Ion 188.00 (187.70 to 188.70): E

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 :

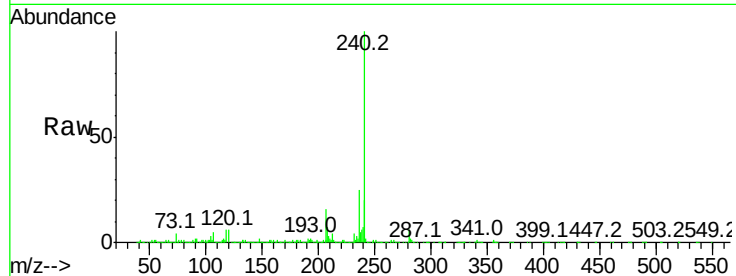
Tot Ion:240 Resp: 1277699

Ion	Ratio	Lower	Upper
240	100		
120	6.3	8.2	12.2#
236	24.9	20.0	30.0

240 100

120 6.3 8.2 12.2#

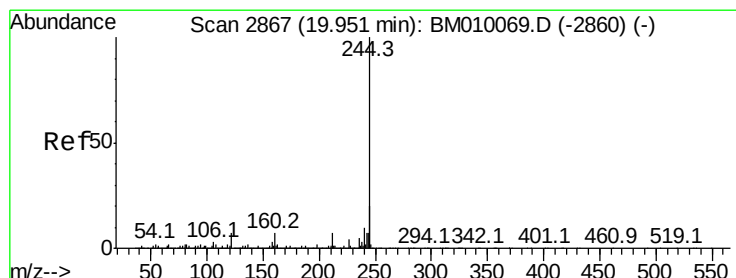
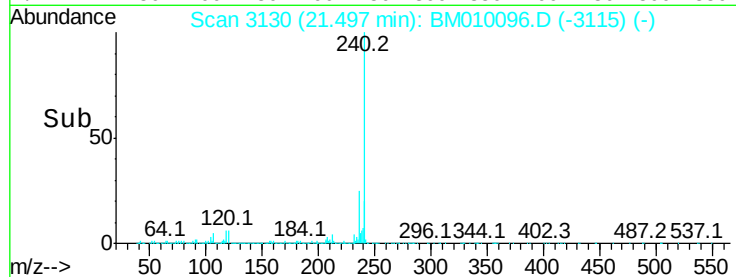
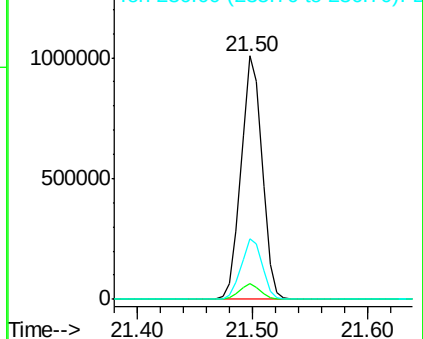
236 24.9 20.0 30.0



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

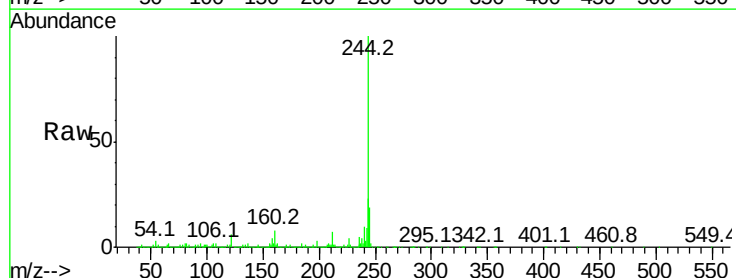
Tgt Ion:244 Resp: 4380517

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	6.3	6.2	9.4

244 100

212 7.2 4.9 7.3

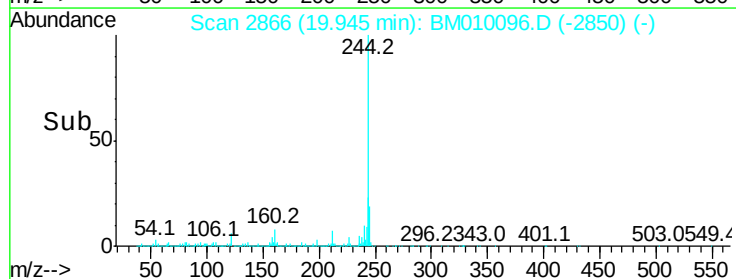
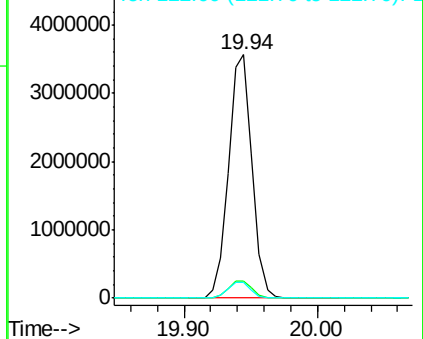
122 6.3 6.2 9.4

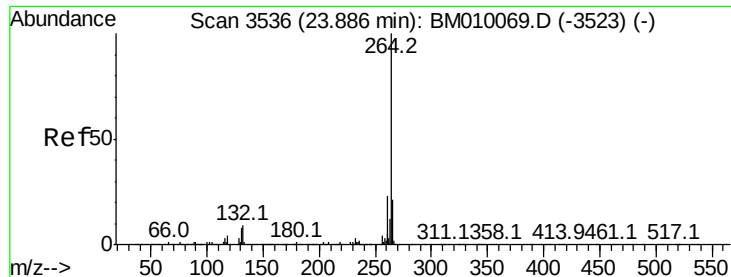


Abundance Ion 244.00 (243.70 to 244.70): E

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 :

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

