

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010116.D
 Acq On : 22 May 2017 23:24
 Operator : SJ/MA
 Sample : I3221-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-04

Quant Time: May 23 05:32:04 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

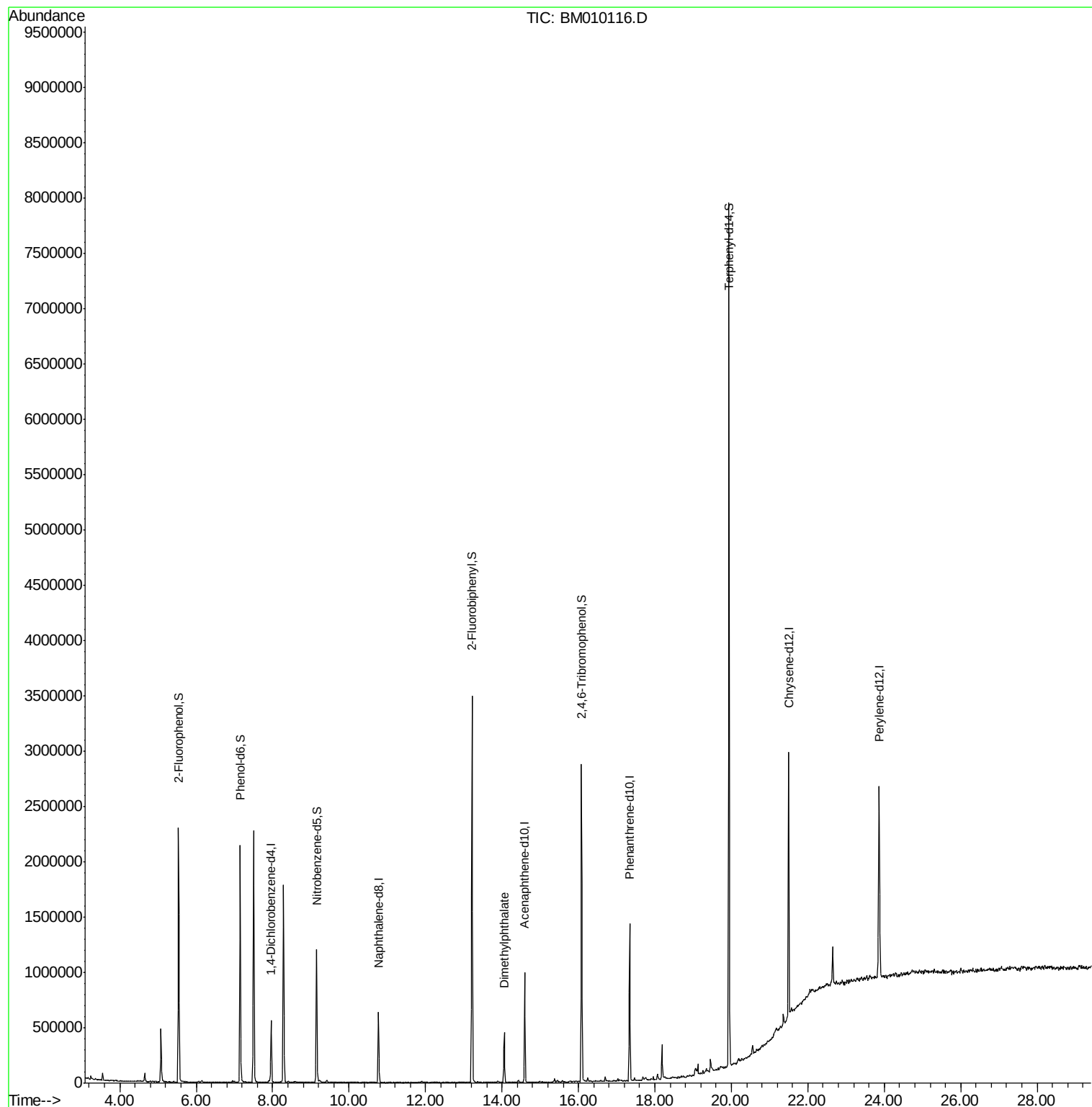
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	144726	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	487940	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	311688	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	811647	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1245618	20.00	ng	-0.01
86) Perylene-d12	23.86	264	1382225	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	866969	108.18	ng	-0.02
7) Phenol-d6	7.15	99	1076819	104.42	ng	-0.02
23) Nitrobenzene-d5	9.15	82	683256	75.55	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	518381	109.50	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	1712260	70.62	ng	-0.02
78) Terphenyl-d14	19.94	244	3171972	57.90	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.06	163	283659	10.20	ng	Qvalue # 97

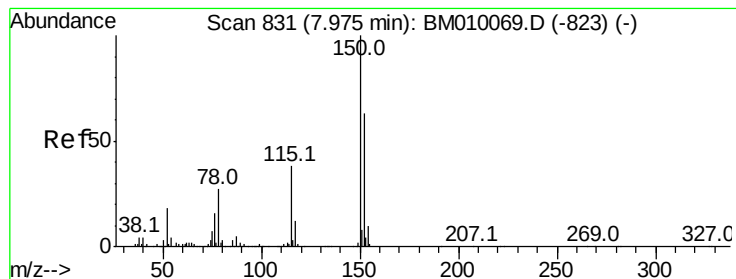
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010116.D

Acq: 22 May 2017 23:24

Instrument :

BNA_M

ClientSampleId :

EX-04

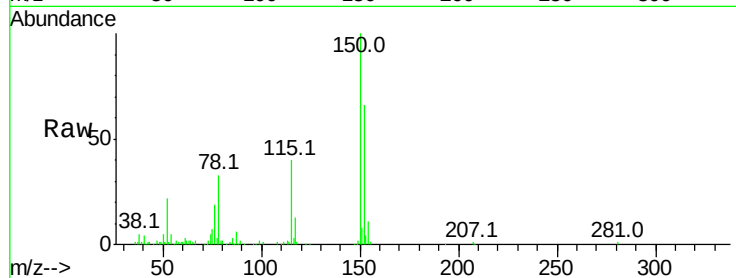
Tot Ion:152 Resp: 144726

Ion Ratio Lower Upper

152 100

150 150.8 119.5 179.3

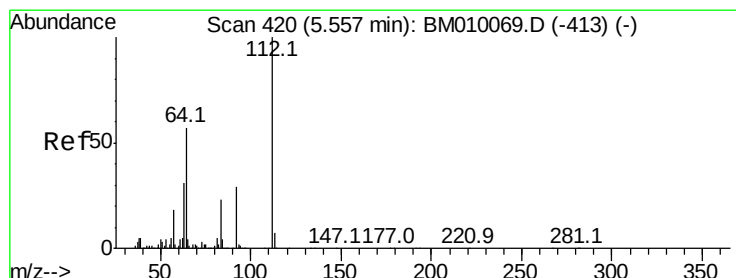
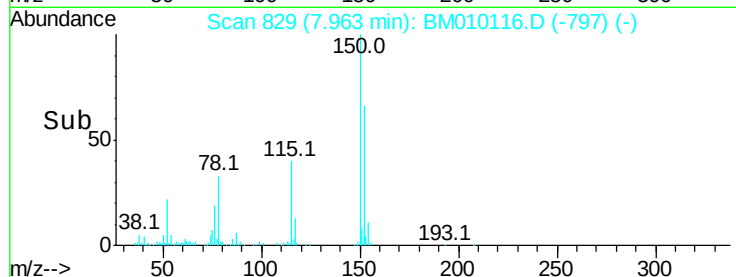
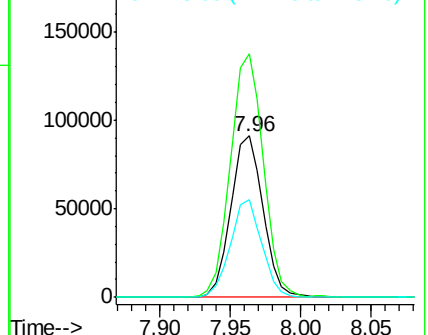
115 60.8 43.0 64.4



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: 108.18 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.02 min

Lab File: BM010116.D

Acq: 22 May 2017 23:24

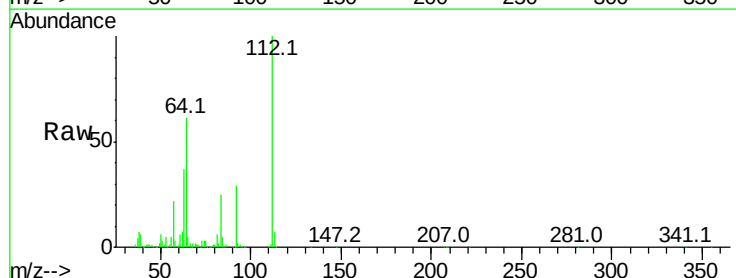
Tgt Ion:112 Resp: 866969

Ion Ratio Lower Upper

112 100

64 61.3 38.6 57.8#

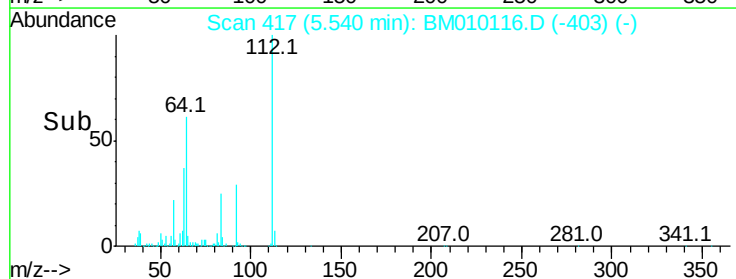
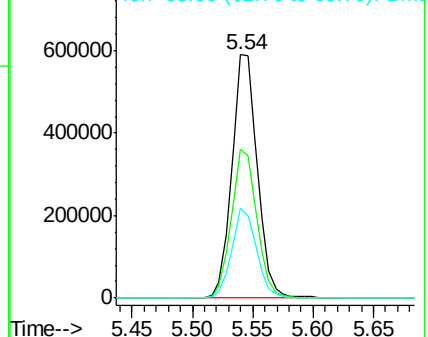
63 36.9 19.3 28.9#

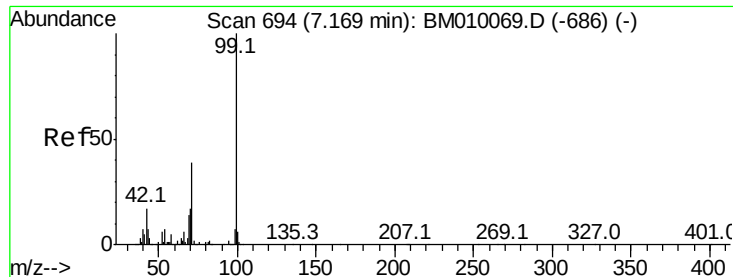


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 104.42 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010116.D

Acq: 22 May 2017 23:24

Instrument :

BNA_M

ClientSampleId :

EX-04

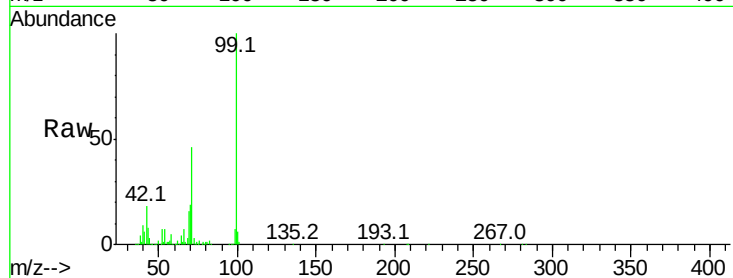
Tot Ion: 99 Resp: 1076819

Ion Ratio Lower Upper

99 100

42 18.3 11.0 16.4#

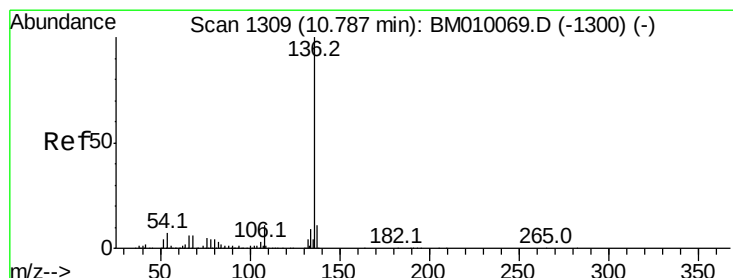
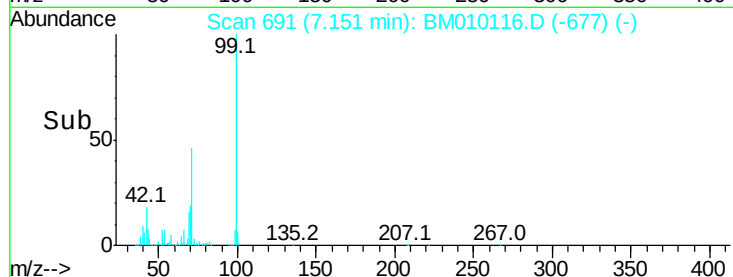
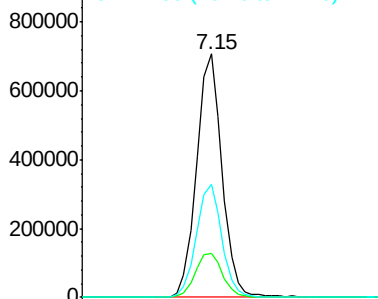
71 46.3 23.4 35.2#



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# 1306

Delta R.T. -0.02 min

Lab File: BM010116.D

Acq: 22 May 2017 23:24

Tgt Ion: 136 Resp: 487940

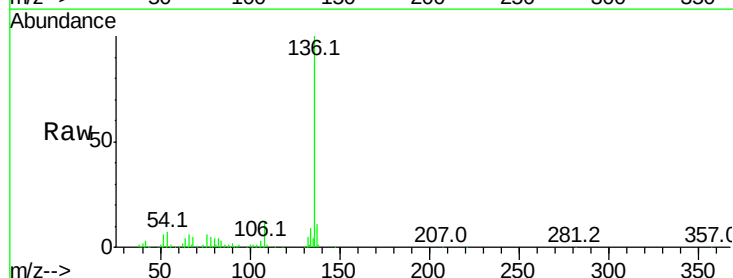
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.0 4.6 6.8#

68 4.7 3.7 5.5

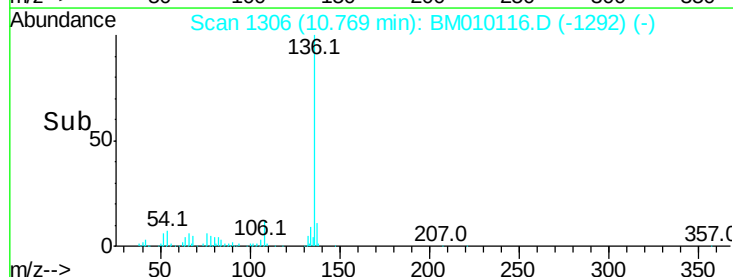
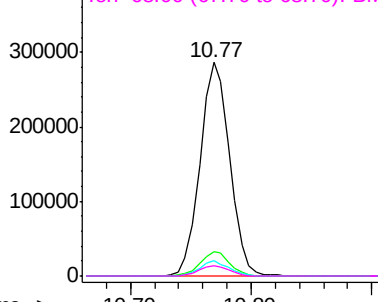


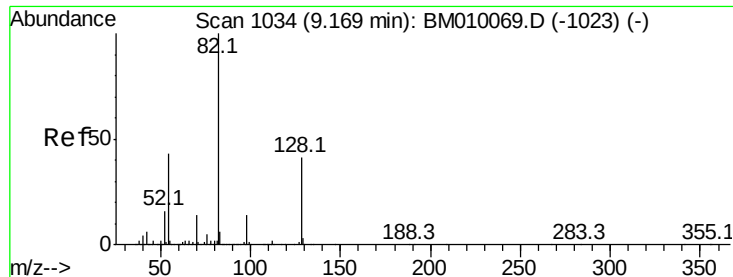
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)

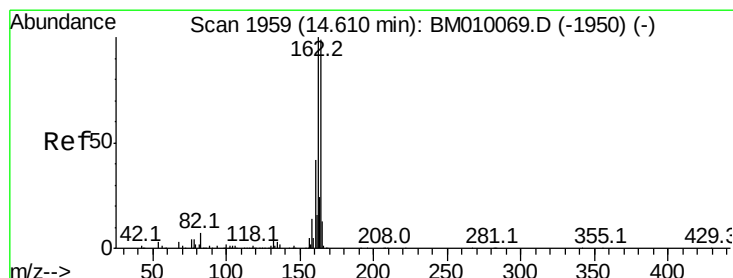
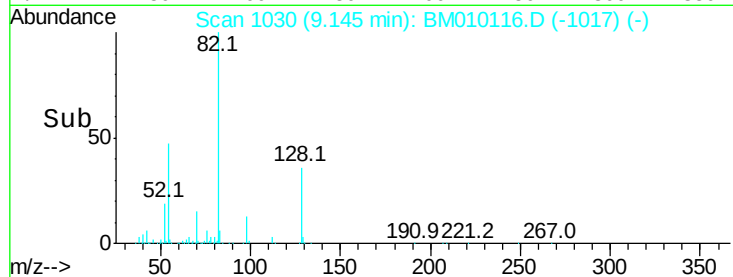
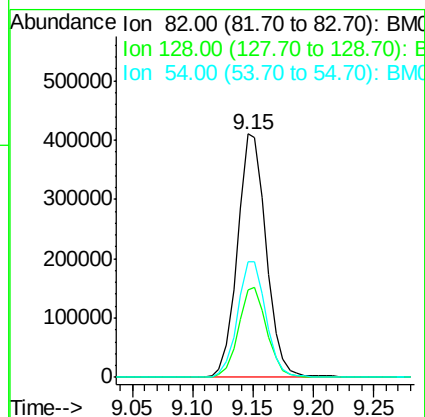
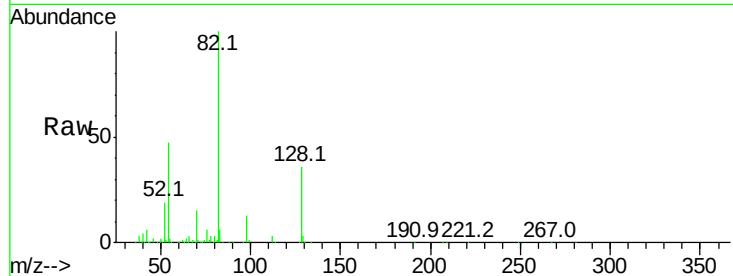




#23
 Nitrobenzene-d5
 Concen: 75.55 ng
 RT: 9.15 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BM010116.D
 Acq: 22 May 2017 23:24

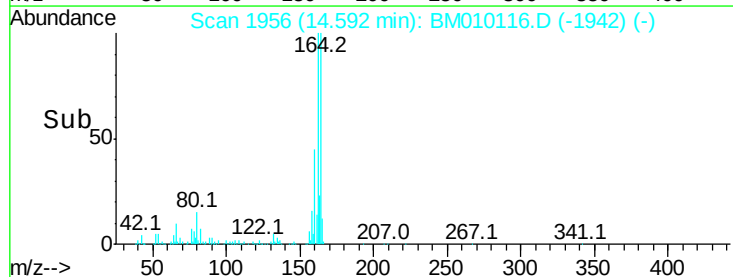
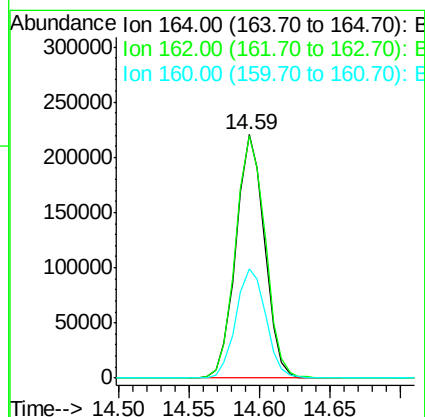
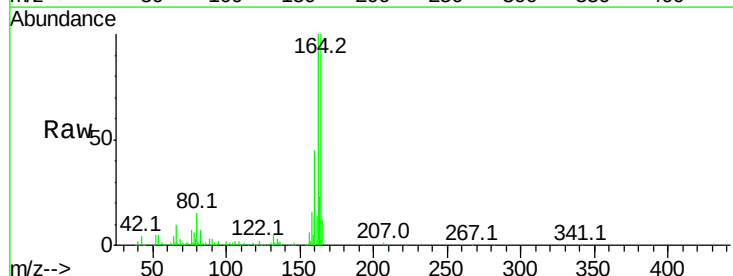
Instrument :
 BNA_M
 ClientSampled :
 EX-04

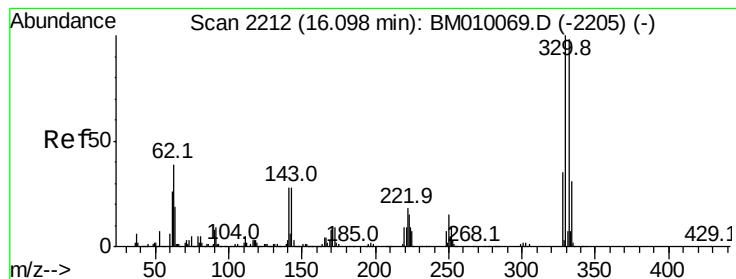
Tot Ion	82	Resp	683256
Ion	Ratio	Lower	Upper
82	100		
128	35.8	32.8	49.2
54	47.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BM010116.D
 Acq: 22 May 2017 23:24

Tgt Ion	164	Resp	311688
Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.4	123.6
160	44.9	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 109.50 ng

RT: 16.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BM010116.D

Acq: 22 May 2017 23:24

Instrument :

BNA_M

ClientSampled :

EX-04

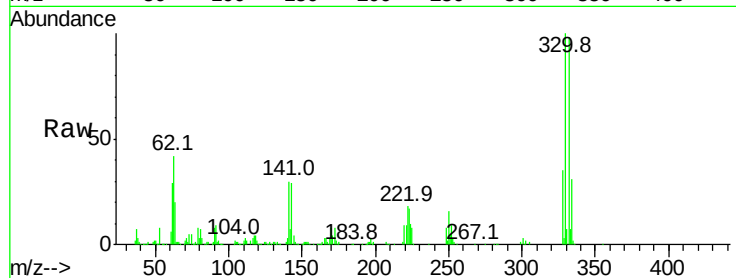
Tot Ion:330 Resp: 518381

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

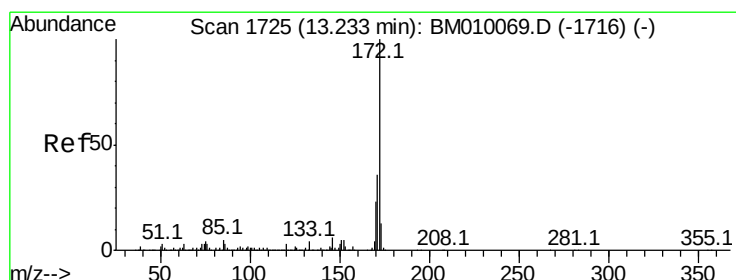
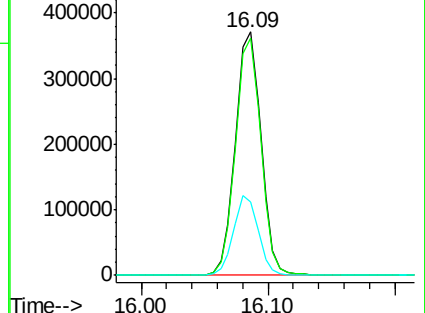
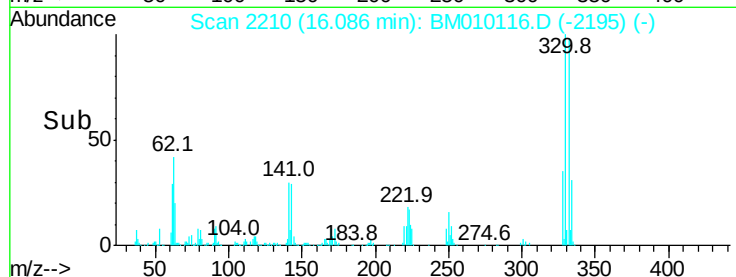
141 31.7 0.0 0.0#



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: 70.62 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BM010116.D

Acq: 22 May 2017 23:24

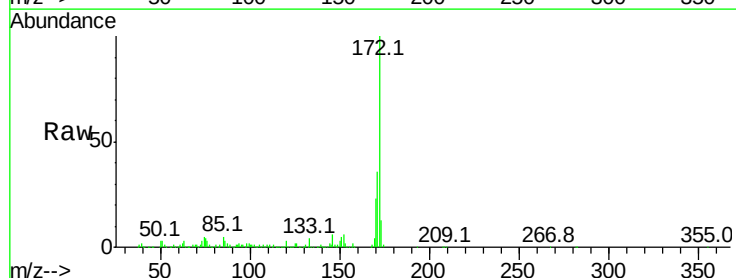
Tgt Ion:172 Resp: 1712260

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

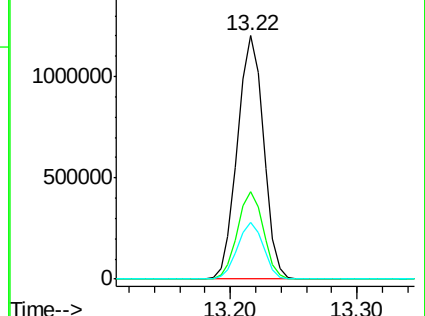
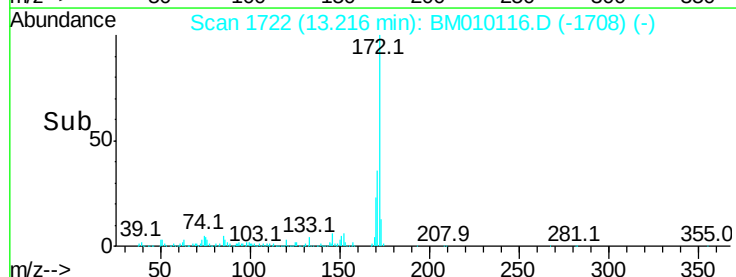
170 23.2 18.8 28.2

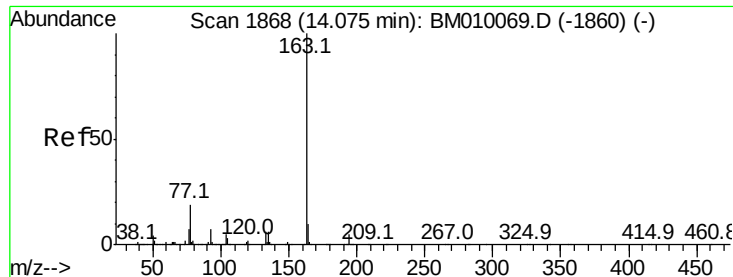


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.20 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BM010116.D

Acq: 22 May 2017 23:24

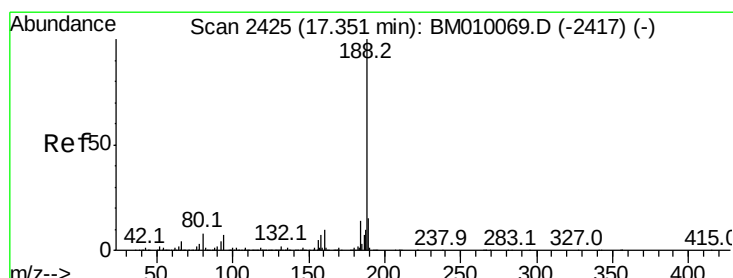
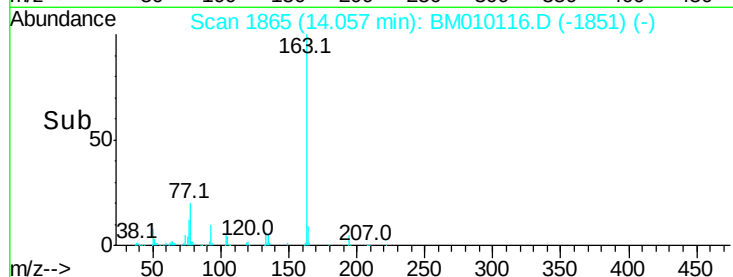
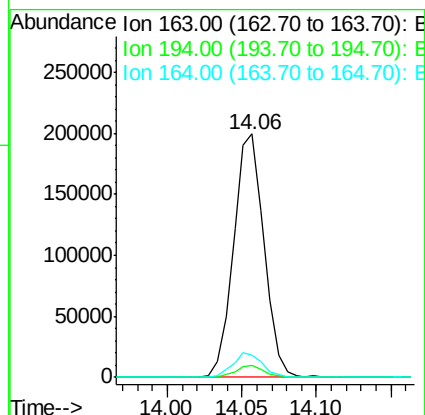
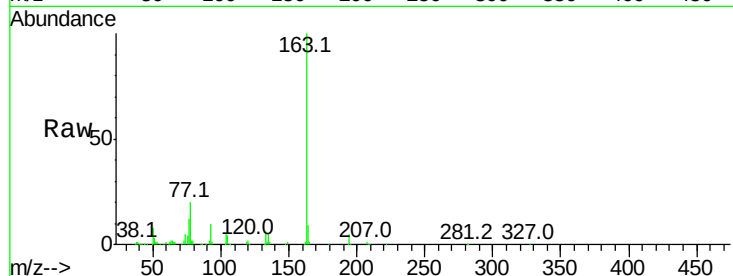
Instrument :

BNA_M

ClientSampled :

EX-04

Tot Ion:163	Resp:	283659
Ion Ratio	Lower	Upper
163	100	
194	4.9	2.7 4.1#
164	9.4	8.2 12.2



#63

Phenanthrene-d10

Concen: 20.00 ng

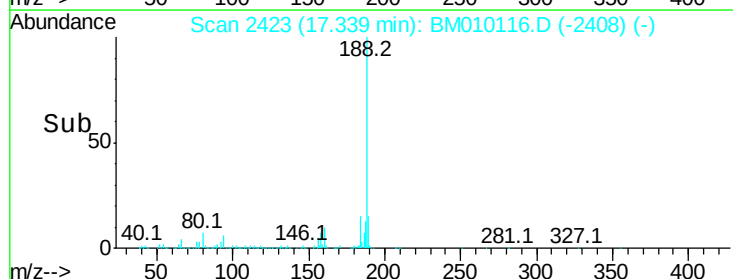
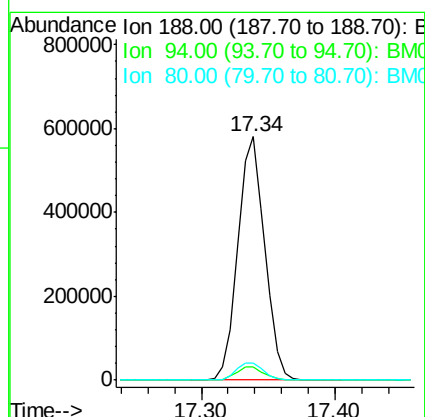
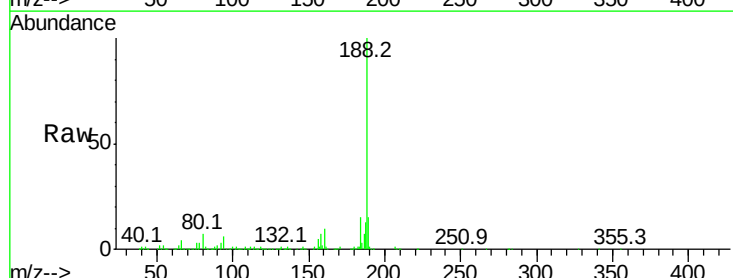
RT: 17.34 min Scan# 2423

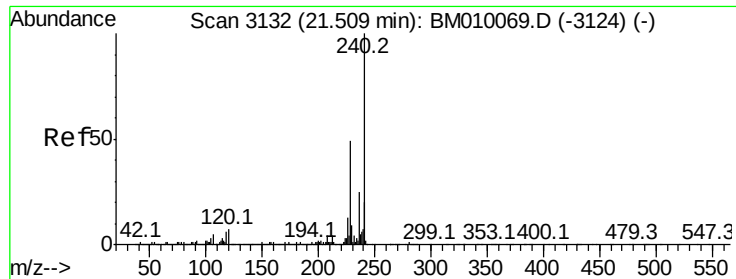
Delta R.T. -0.01 min

Lab File: BM010116.D

Acq: 22 May 2017 23:24

Tgt Ion:188	Resp:	811647
Ion Ratio	Lower	Upper
188	100	
94	5.6	8.7 13.1#
80	7.0	9.3 13.9#

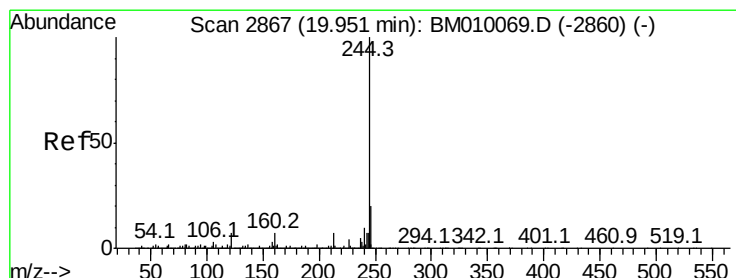
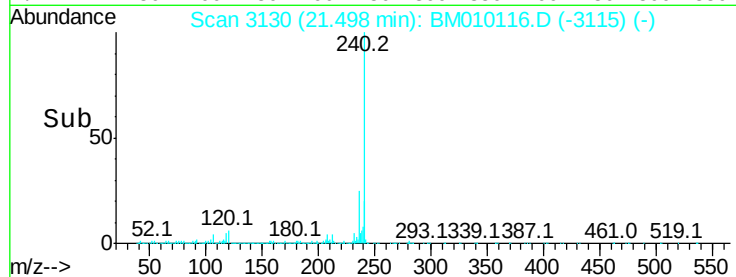
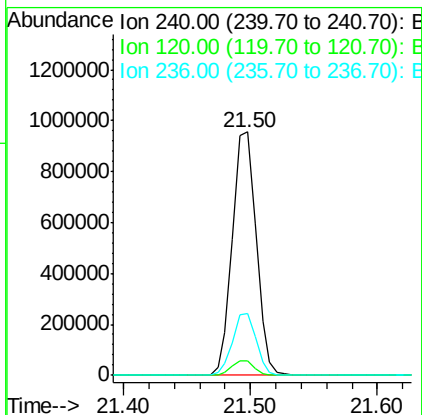
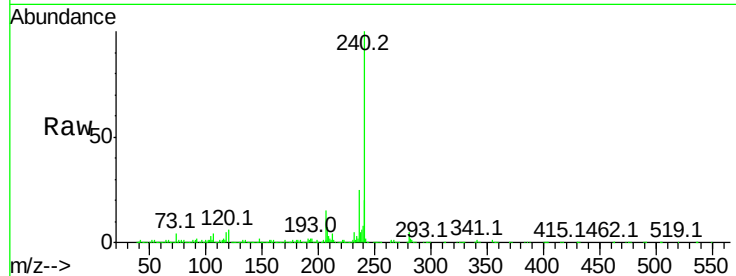




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.50 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM010116.D
 Acq: 22 May 2017 23:24

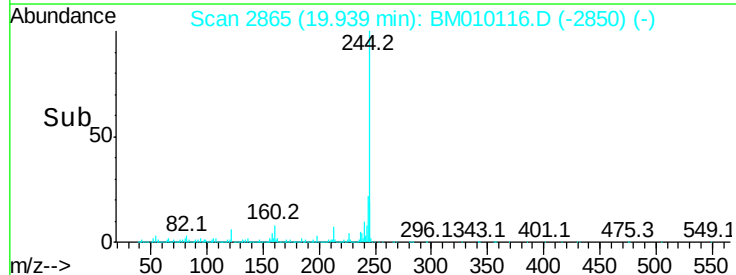
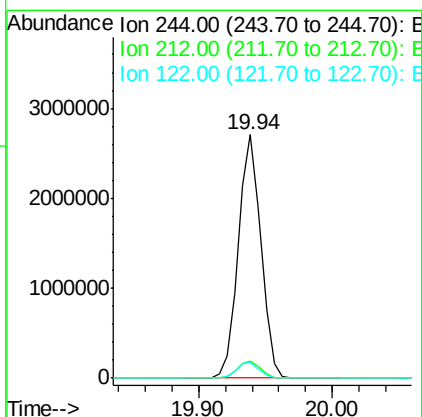
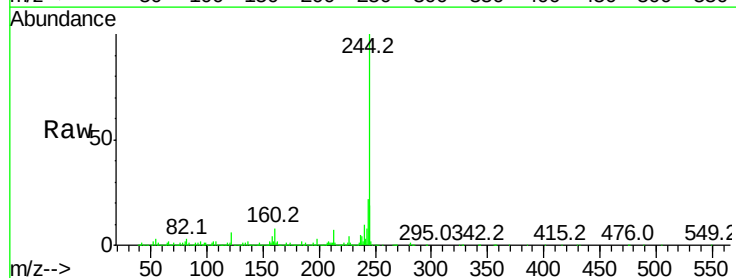
Instrument :
 BNA_M
 ClientSampleId :
 EX-04

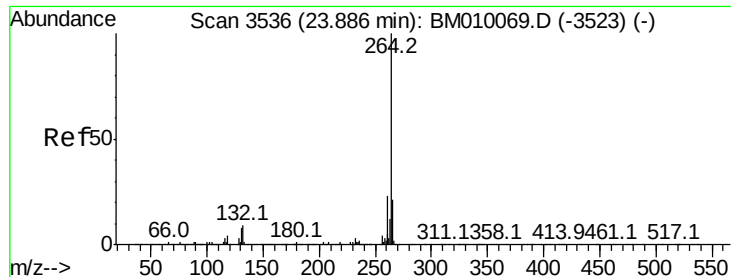
Tot Ion:240 Resp: 1245618
 Ion Ratio Lower Upper
 240 100
 120 5.9 8.2 12.2#
 236 25.3 20.0 30.0



#78
 Terphenyl-d14
 Concen: 57.90 ng
 RT: 19.94 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BM010116.D
 Acq: 22 May 2017 23:24

Tgt Ion:244 Resp: 3171972
 Ion Ratio Lower Upper
 244 100
 212 7.1 4.9 7.3
 122 6.2 6.2 9.4#

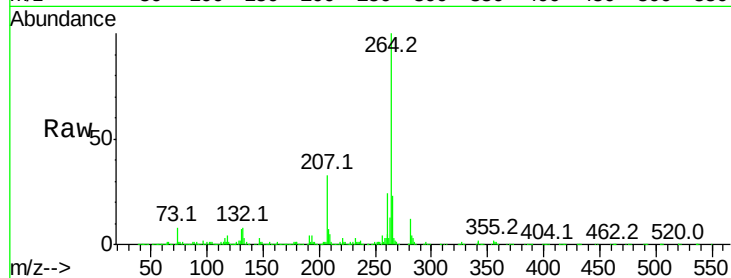




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.86 min Scan# 3532
 Delta R.T. -0.02 min
 Lab File: BM010116.D
 Acq: 22 May 2017 23:24

Instrument :
 BNA_M
 ClientSampleId :
 EX-04

Tot Ion:	264	Resp:	1382225
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.9	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

