

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010206.D
 Acq On : 25 May 2017 07:50
 Operator : SJ/MA
 Sample : I3290-10
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2

Quant Time: May 25 08:48:49 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	7.95	152	125087	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	400582	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	167301	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	510433	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	465995	20.00	ng	-0.03
86) Perylene-d12	23.84	264	83370	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1031604	148.93	ng	-0.03
7) Phenol-d6	7.13	99	949644	106.54	ng	-0.04
23) Nitrobenzene-d5	9.13	82	888035	119.60	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	582325	229.18	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2199006	168.97	ng	-0.03
78) Terphenyl-d14	19.93	244	3151339	153.77	ng	-0.02

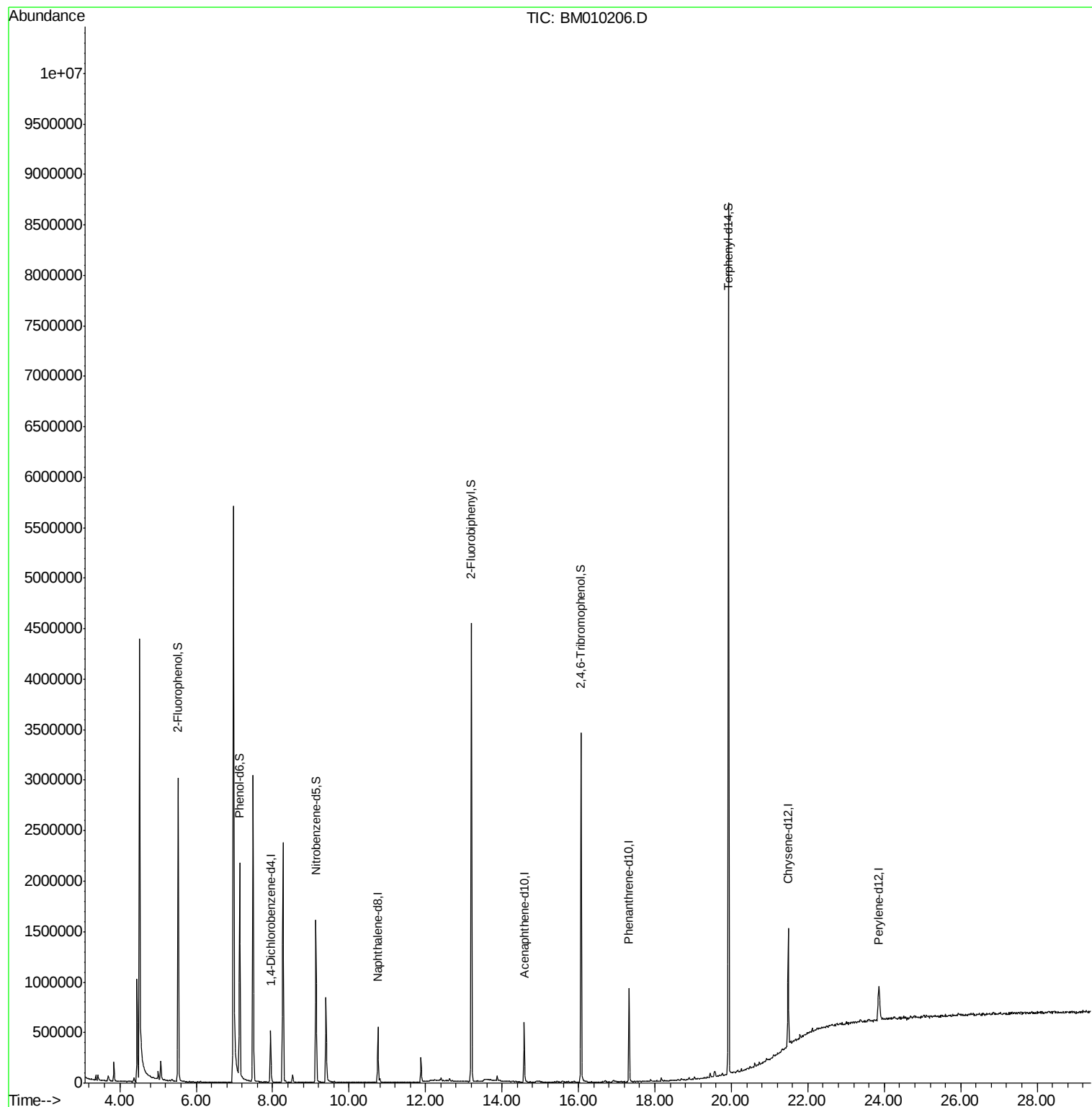
Target Compounds	Qvalue
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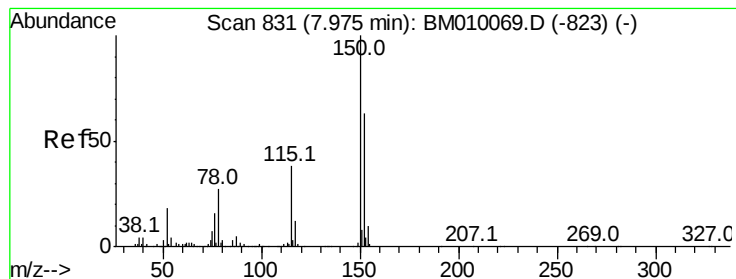
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.03 min

Lab File: BM010206.D

Acq: 25 May 2017 07:50

Instrument :

BNA_M

ClientSampled :

TP-2

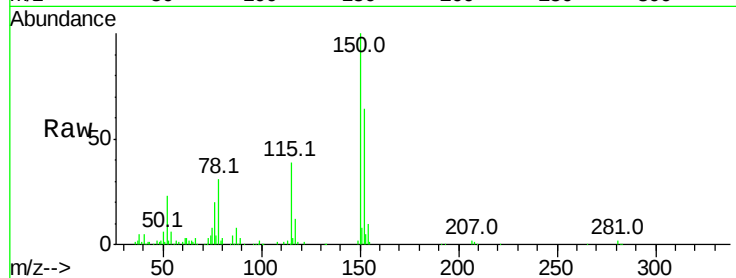
Tot Ion:152 Resp: 125087

Ion Ratio Lower Upper

152 100

150 157.3 119.5 179.3

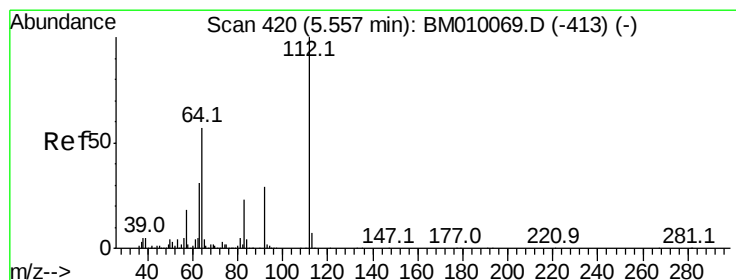
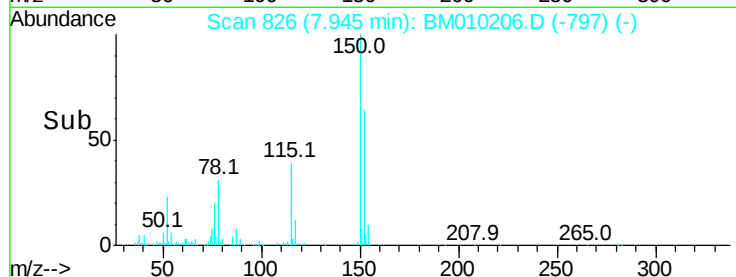
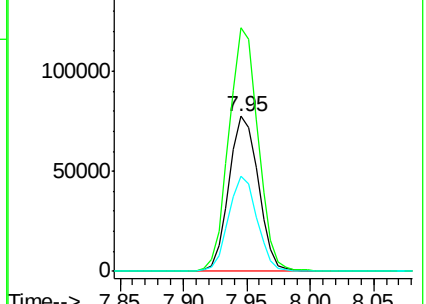
115 61.5 43.0 64.4



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: 148.93 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.03 min

Lab File: BM010206.D

Acq: 25 May 2017 07:50

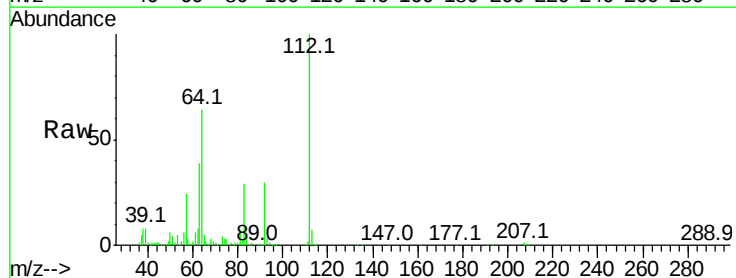
Tgt Ion:112 Resp: 1031604

Ion Ratio Lower Upper

112 100

64 64.1 38.6 57.8#

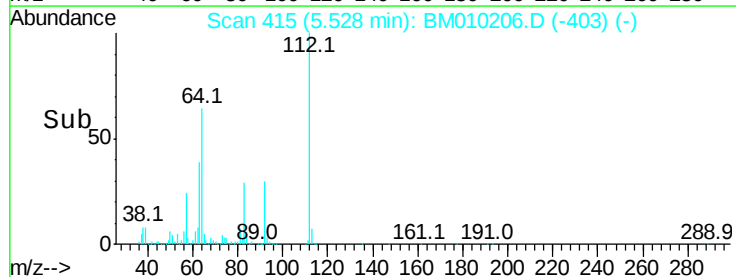
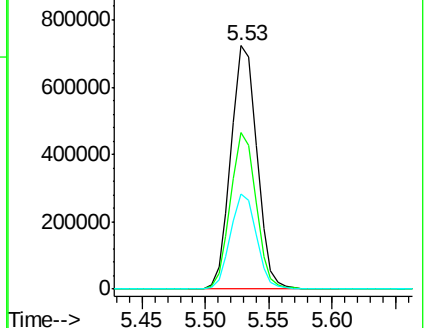
63 39.1 19.3 28.9#

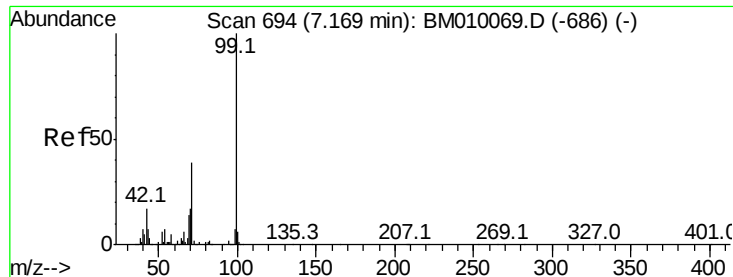


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 106.54 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010206.D

Acq: 25 May 2017 07:50

Instrument :

BNA_M

ClientSampleId :

TP-2

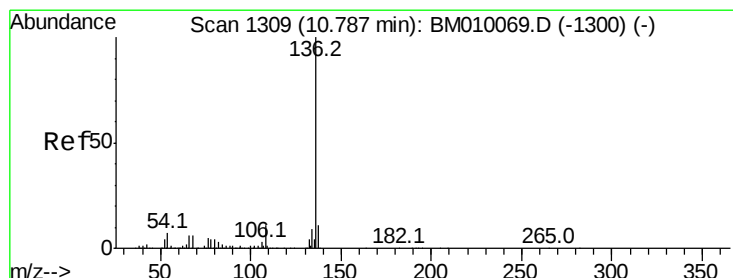
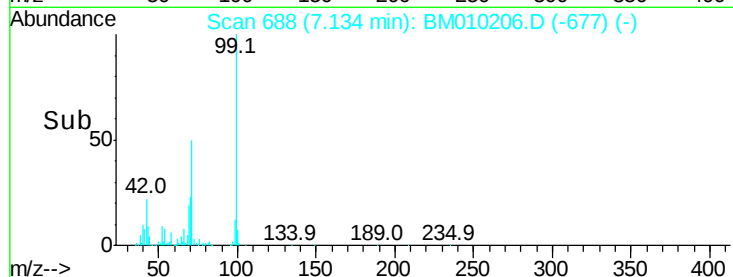
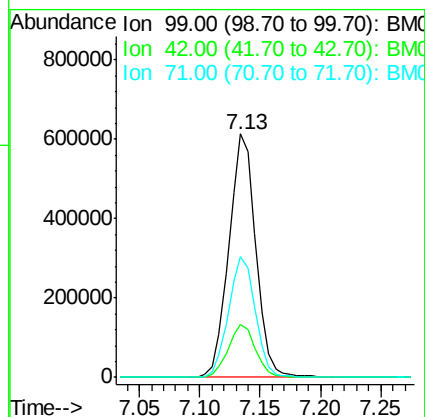
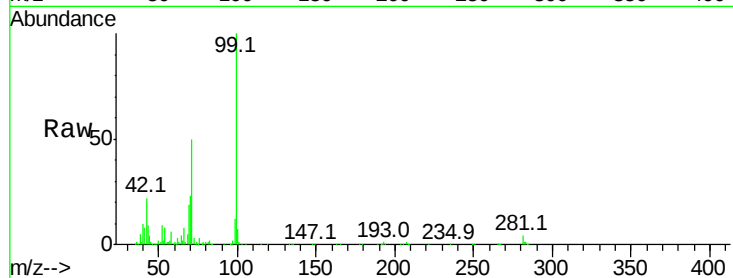
Tot Ion: 99 Resp: 949644

Ion Ratio Lower Upper

99 100

42 21.6 11.0 16.4#

71 49.7 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BM010206.D

Acq: 25 May 2017 07:50

Tgt Ion: 136 Resp: 400582

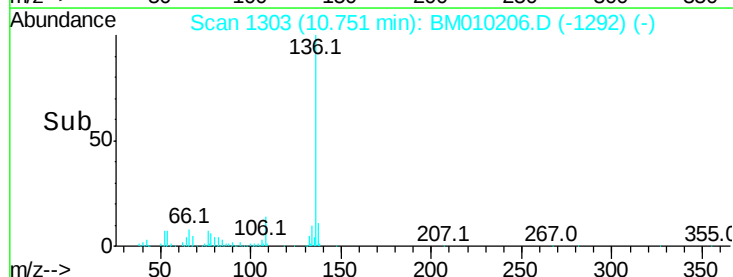
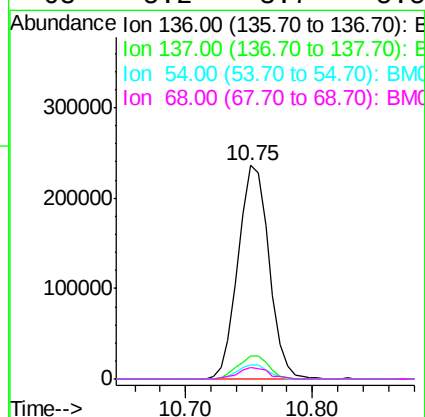
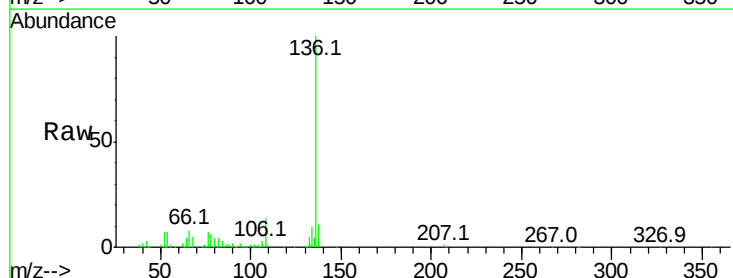
Ion Ratio Lower Upper

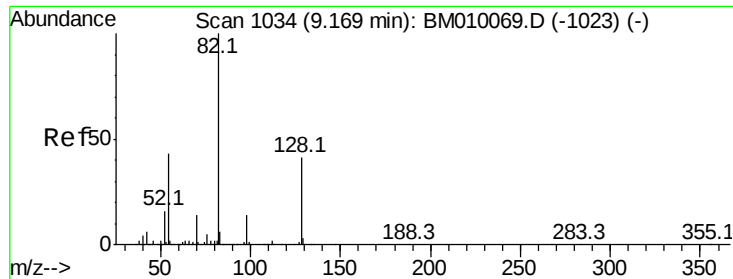
136 100

137 11.0 8.7 13.1

54 6.9 4.6 6.8#

68 5.2 3.7 5.5

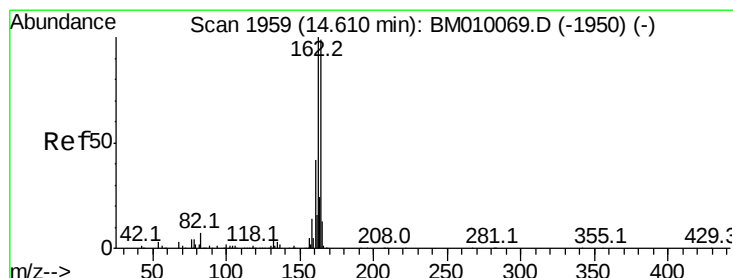
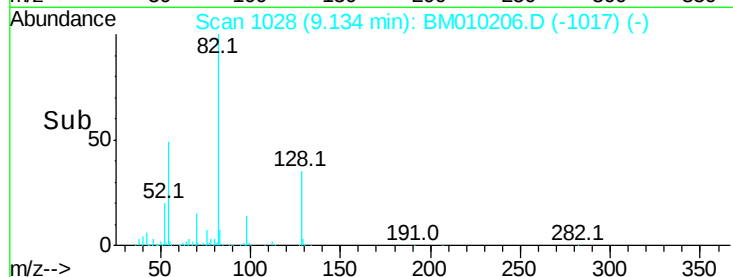
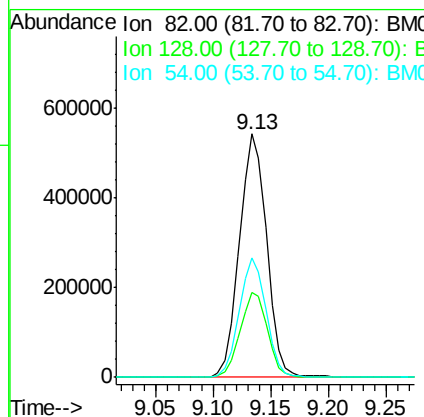
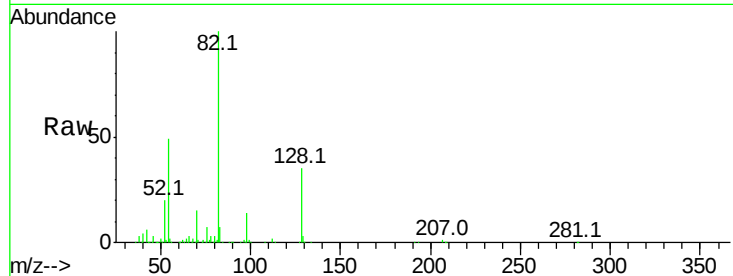




#23
 Nitrobenzene-d5
 Concen: 119.60 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010206.D
 Acq: 25 May 2017 07:50

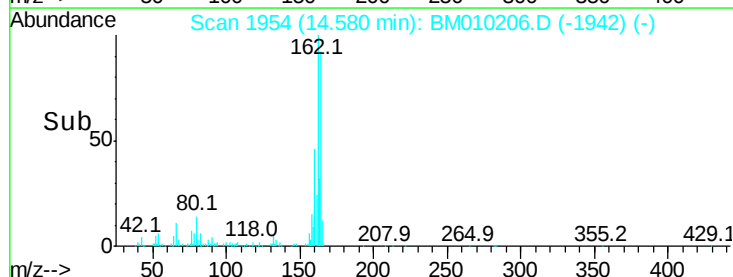
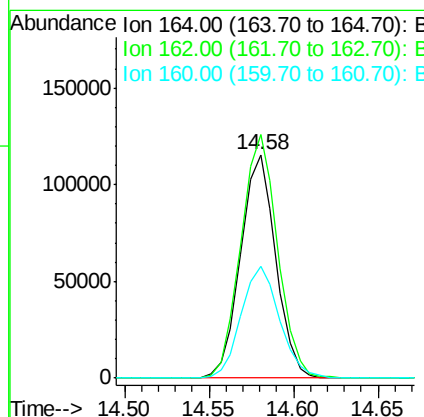
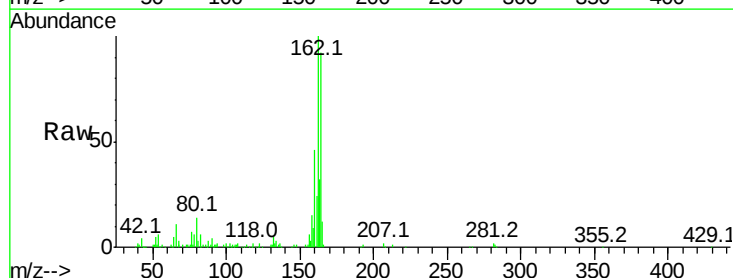
Instrument :
 BNA_M
 ClientSampleId :
 TP-2

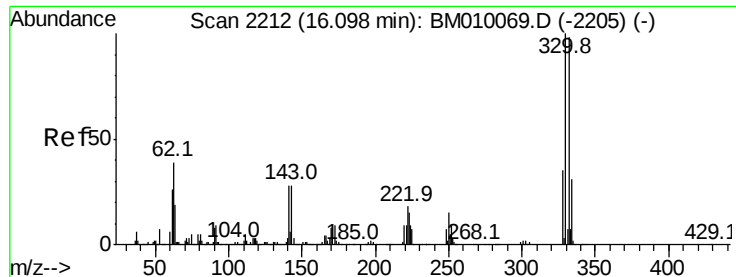
Tot Ion	82	Resp	888035
Ion Ratio	Lower	Upper	
82	100		
128	34.8	32.8	49.2
54	49.1	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010206.D
 Acq: 25 May 2017 07:50

Tgt Ion	164	Resp	167301
Ion Ratio	Lower	Upper	
164	100		
162	109.1	82.4	123.6
160	50.3	35.8	53.6

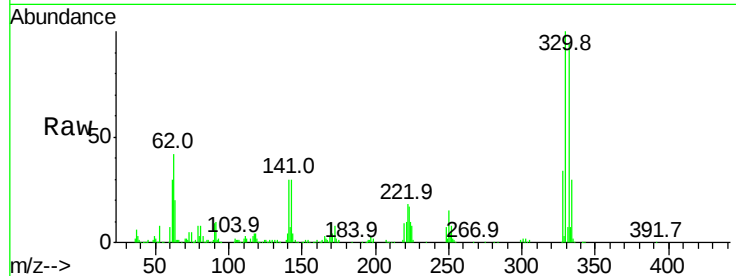




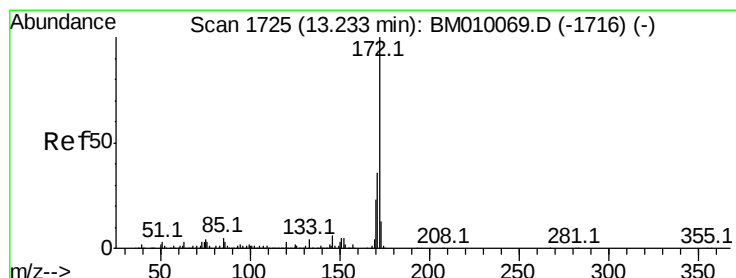
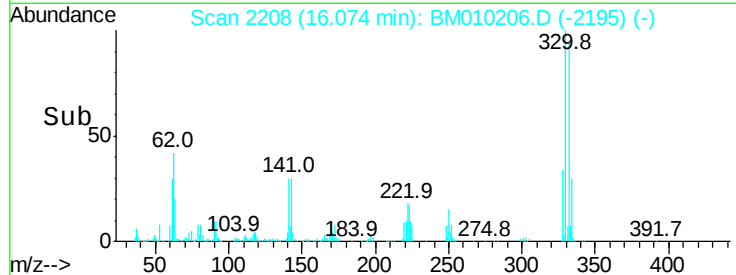
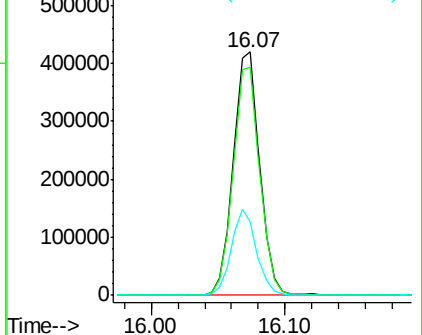
#41
 2,4,6-Tribromophenol
 Concen: 229.18 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010206.D
 Acq: 25 May 2017 07:50

Instrument :
 BNA_M
 ClientSampled :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	0.0	0.0#
141	33.9	0.0	0.0#

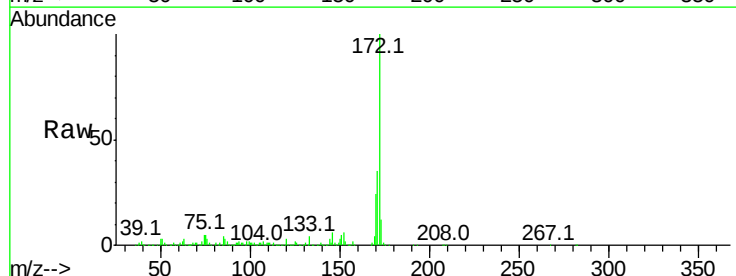


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

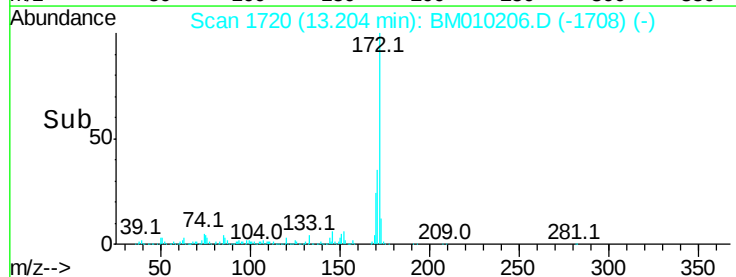
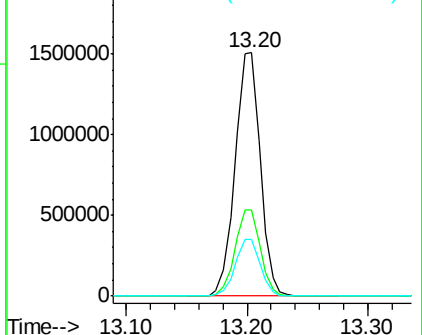


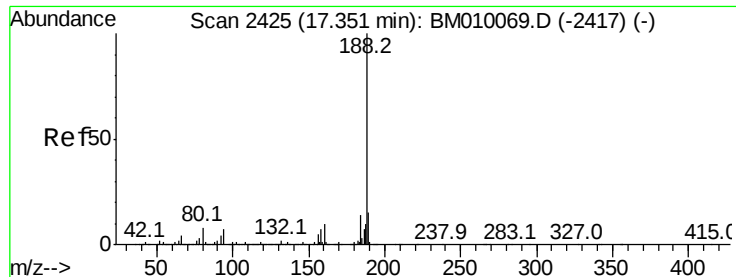
#44
 2-Fluorobiphenyl
 Concen: 168.97 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010206.D
 Acq: 25 May 2017 07:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.6	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

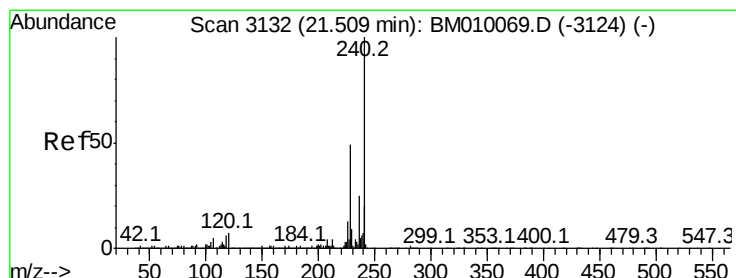
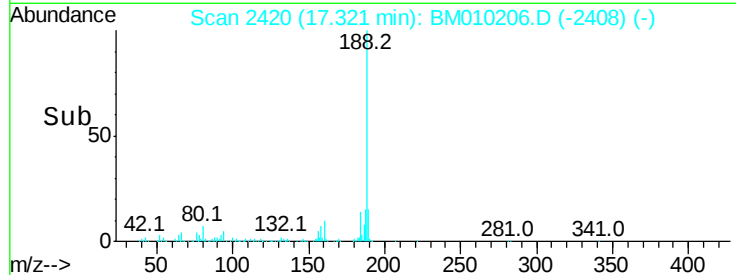
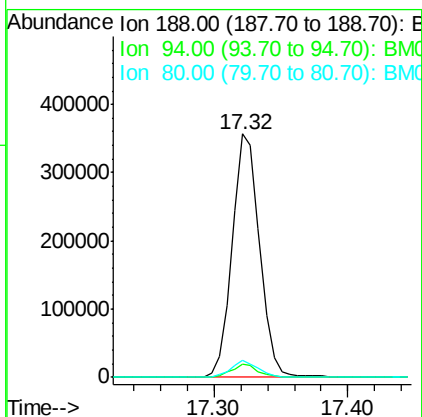
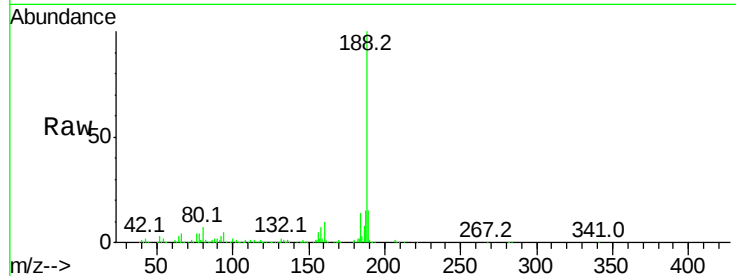




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010206.D
Acq: 25 May 2017 07:50

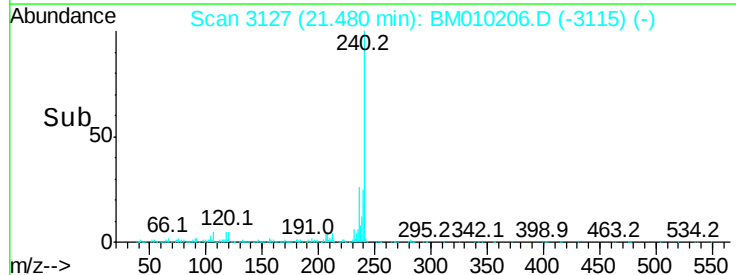
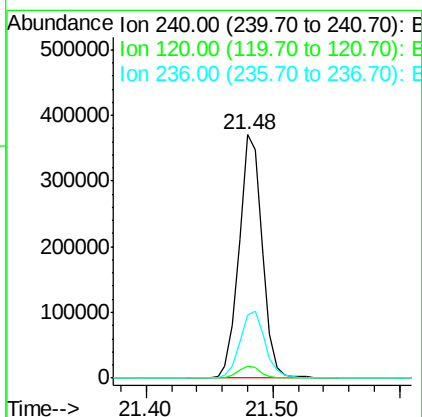
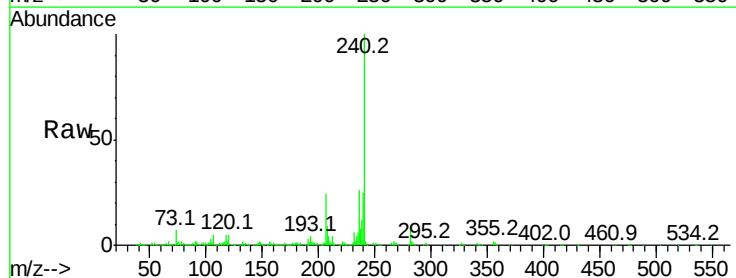
Instrument :
BNA_M
ClientSampled :
TP-2

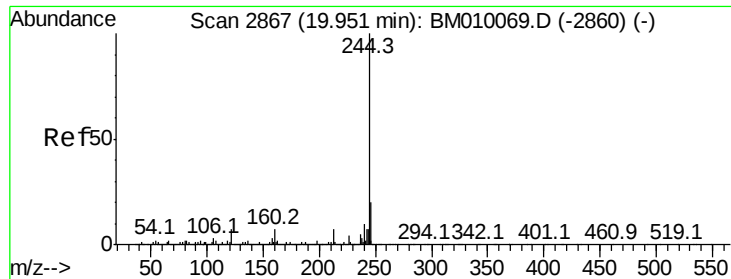
Tot Ion:188 Resp: 510433
Ion Ratio Lower Upper
188 100
94 5.4 8.7 13.1#
80 7.2 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010206.D
Acq: 25 May 2017 07:50

Tgt Ion:240 Resp: 465995
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 26.1 20.0 30.0





#78

Terphenyl-d14

Concen: 153.77 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010206.D

Acq: 25 May 2017 07:50

Instrument :

BNA_M

ClientSampleId :

TP-2

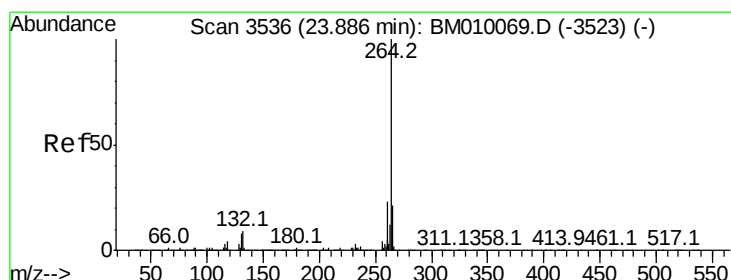
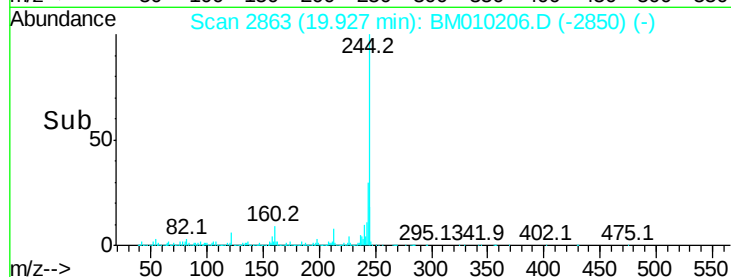
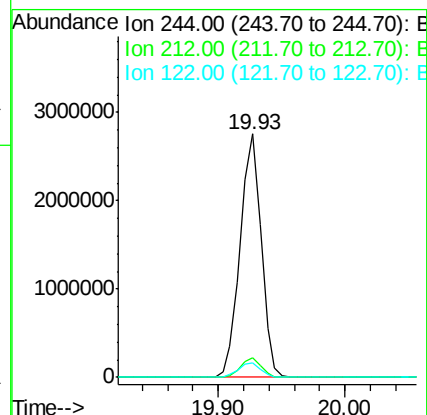
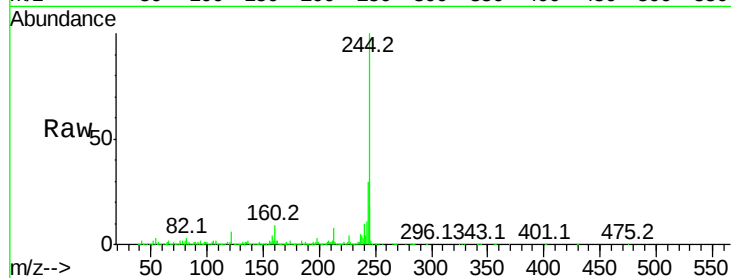
Tot Ion:244 Resp: 3151339

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

122 6.0 6.2 9.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.84 min Scan# 3529

Delta R.T. -0.04 min

Lab File: BM010206.D

Acq: 25 May 2017 07:50

Tgt Ion:264 Resp: 83370

Ion Ratio Lower Upper

264 100

260 58.7 18.6 27.8#

265 31.4 17.3 25.9#

