

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010120.D
 Acq On : 23 May 2017 01:47
 Operator : SJ/MA
 Sample : I3222-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-15

Quant Time: May 23 06:44:31 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

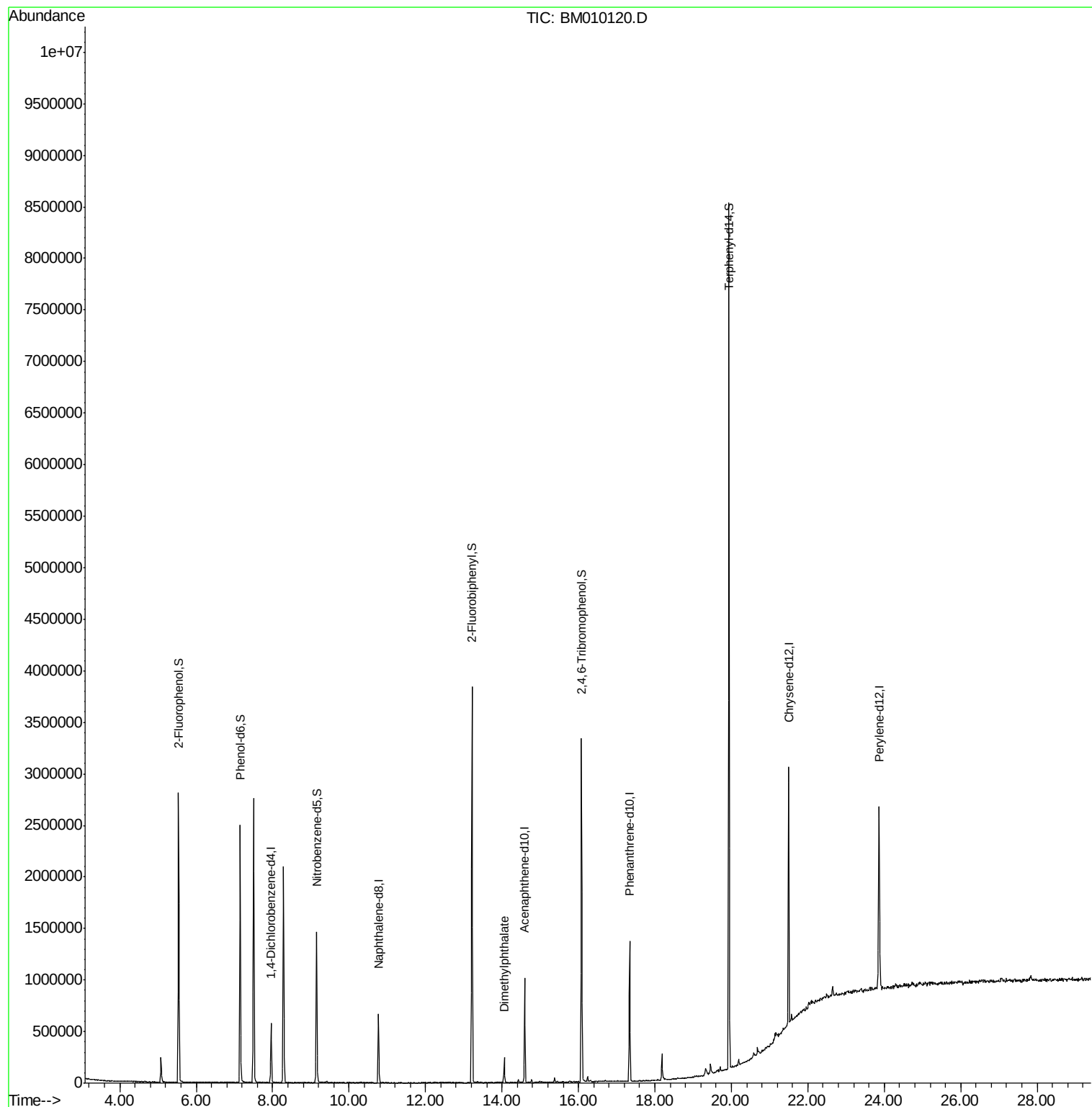
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	150371	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	497633	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	311061	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	801466	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1250264	20.00	ng	-0.01
86) Perylene-d12	23.86	264	1399248	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1054614	126.65	ng	-0.01
7) Phenol-d6	7.15	99	1279856	119.45	ng	-0.02
23) Nitrobenzene-d5	9.15	82	820438	88.95	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	597821	126.54	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	1886161	77.95	ng	-0.02
78) Terphenyl-d14	19.94	244	3438059	62.53	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.06	163	152843	5.51	ng	Qvalue # 96

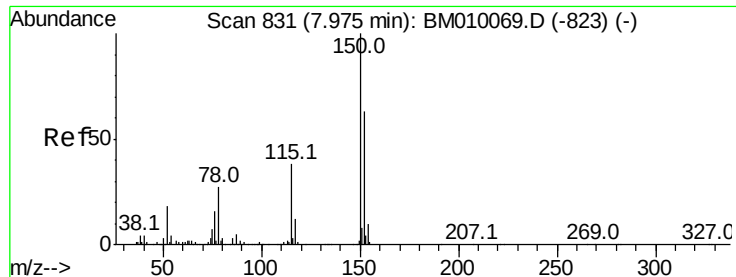
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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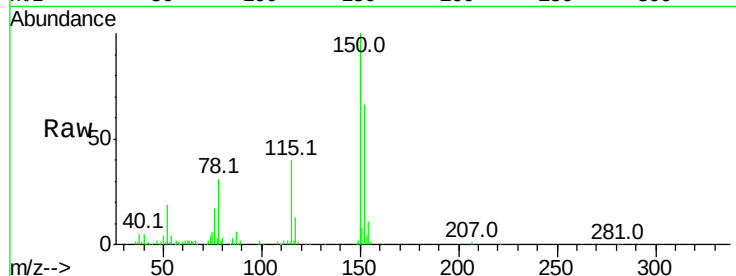


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010120.D
Acq: 23 May 2017 01:47

Instrument :
BNA_M
ClientSampled :
EX-15

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	119.5	179.3
115	61.0	43.0	64.4

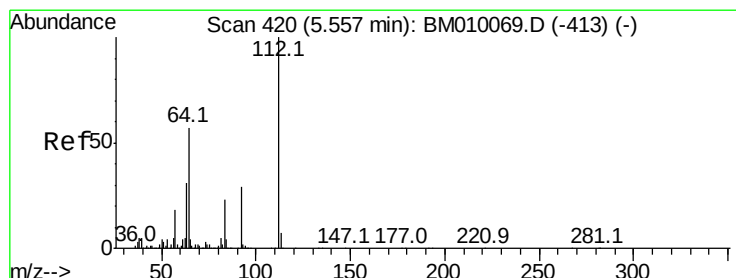
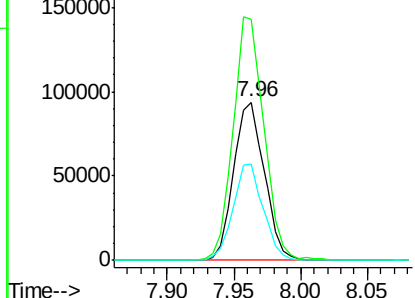
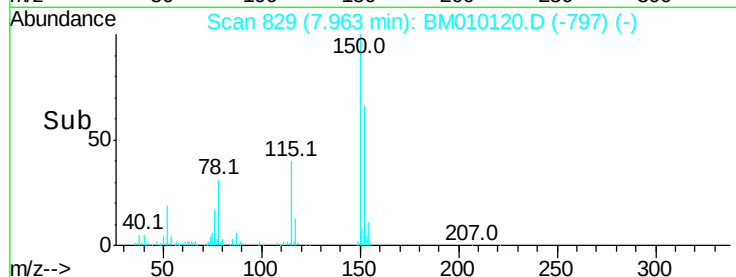


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

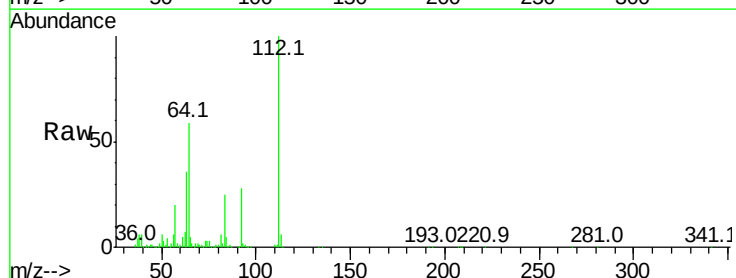
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 126.65 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BM010120.D
Acq: 23 May 2017 01:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	38.6	57.8#
63	35.7	19.3	28.9#

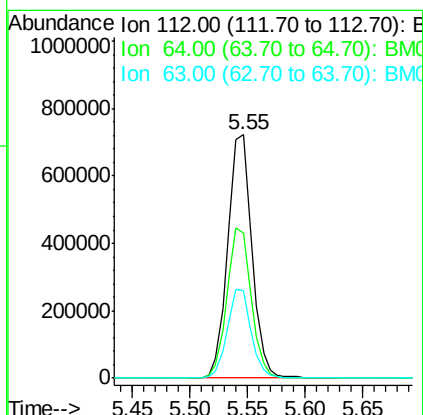
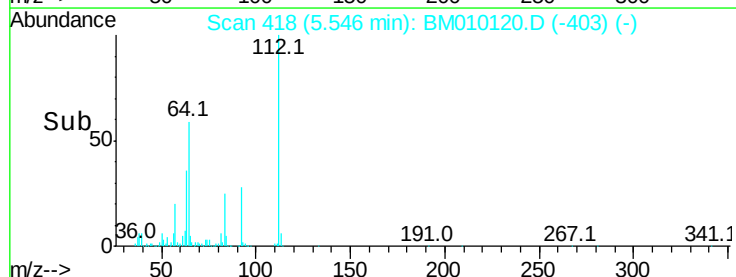


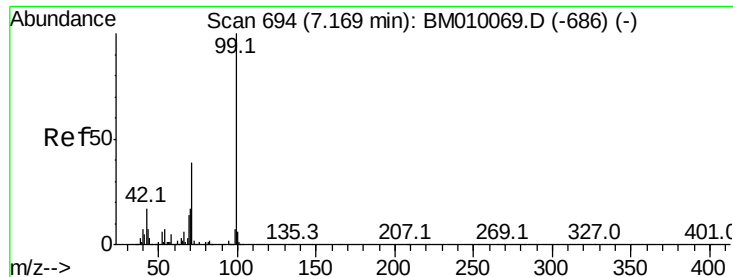
Abundance

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: 119.45 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010120.D

Acq: 23 May 2017 01:47

Instrument :

BNA_M

ClientSampleId :

EX-15

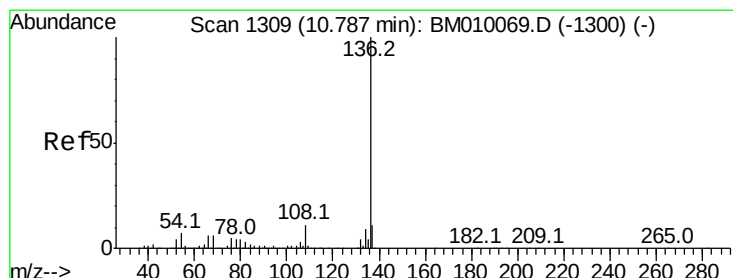
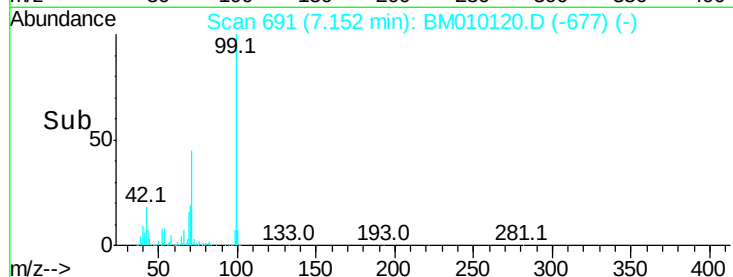
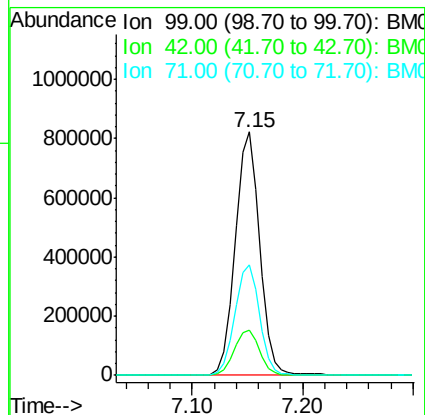
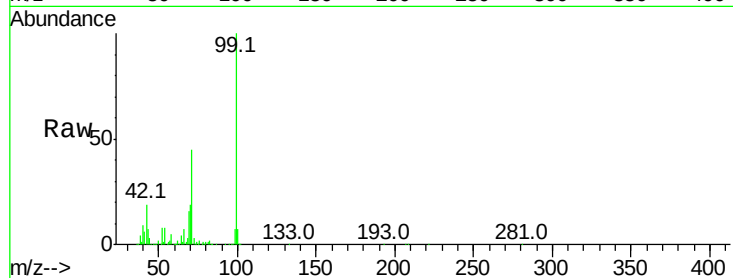
Tot Ion: 99 Resp: 1279856

Ion Ratio Lower Upper

99 100

42 18.5 11.0 16.4#

71 45.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BM010120.D

Acq: 23 May 2017 01:47

Tgt Ion: 136 Resp: 497633

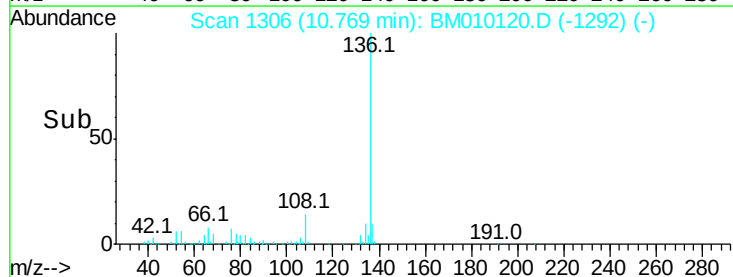
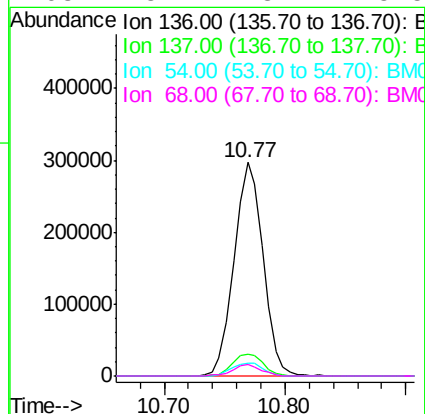
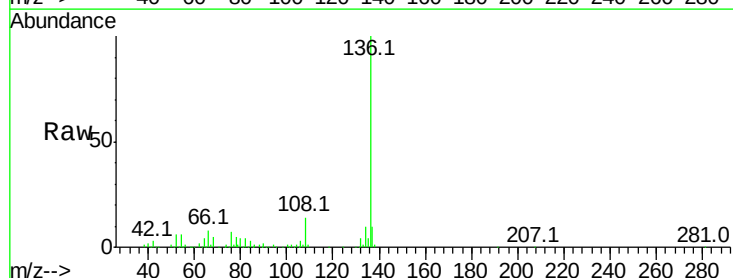
Ion Ratio Lower Upper

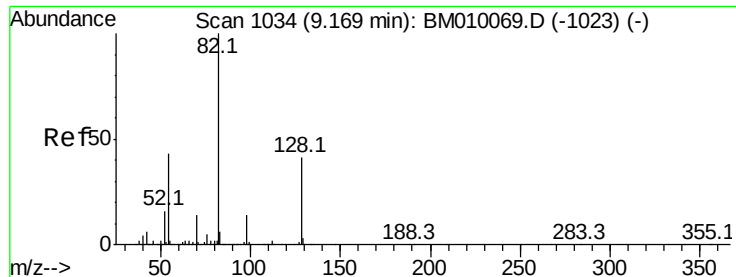
136 100

137 10.4 8.7 13.1

54 6.2 4.6 6.8

68 5.4 3.7 5.5

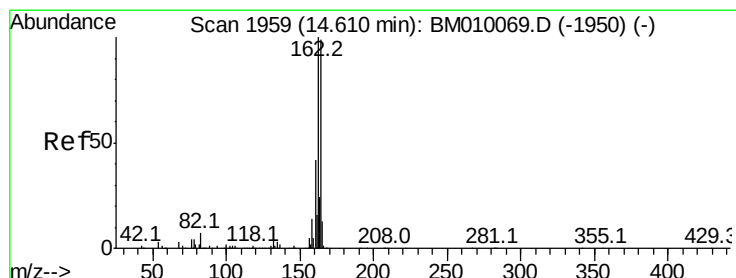
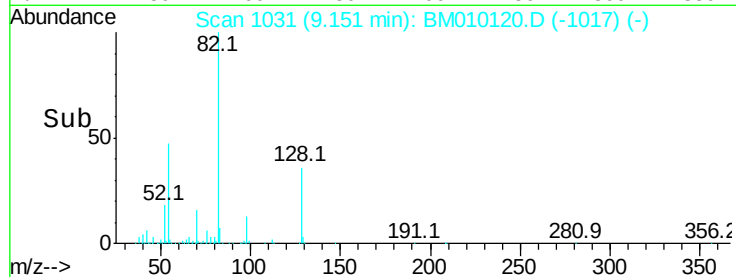
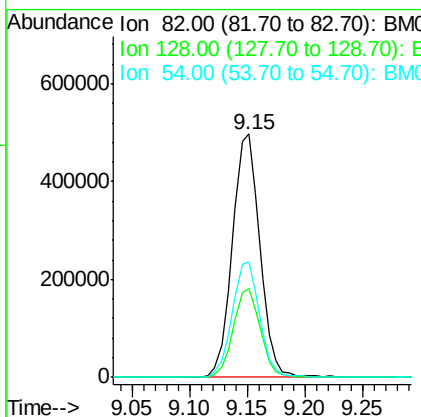
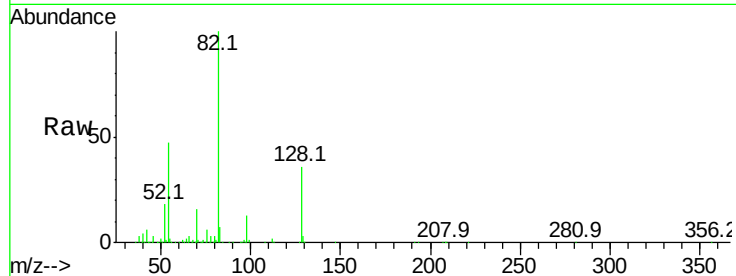




#23
 Nitrobenzene-d5
 Concen: 88.95 ng
 RT: 9.15 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BM010120.D
 Acq: 23 May 2017 01:47

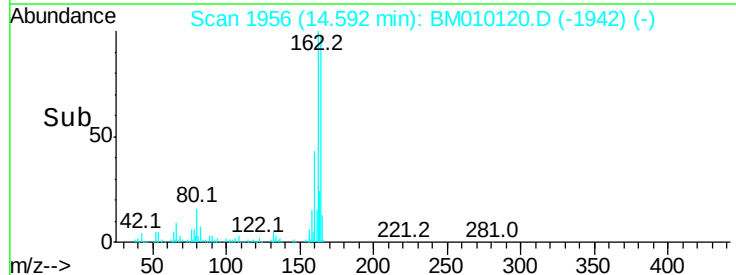
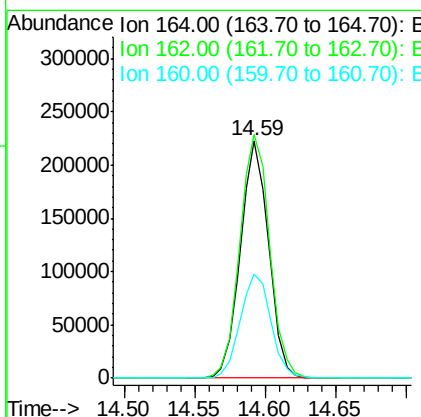
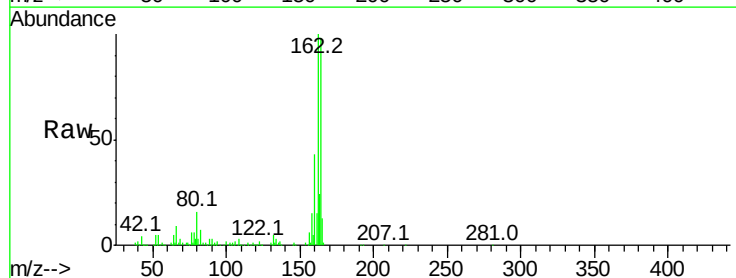
Instrument :
 BNA_M
 ClientSampleId :
 EX-15

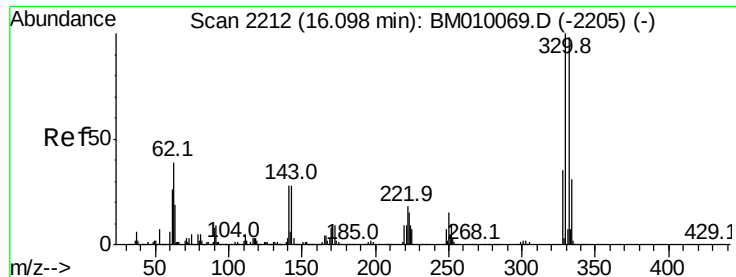
Tot Ion	82	Resp	820438
Ion Ratio	Lower	Upper	
82	100		
128	36.4	32.8	49.2
54	47.3	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1956
 Delta R.T. -0.02 min
 Lab File: BM010120.D
 Acq: 23 May 2017 01:47

Tgt Ion	164	Resp	311061
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.4	123.6
160	43.9	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 126.54 ng

RT: 16.09 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BM010120.D

Acq: 23 May 2017 01:47

Instrument :

BNA_M

ClientSampled :

EX-15

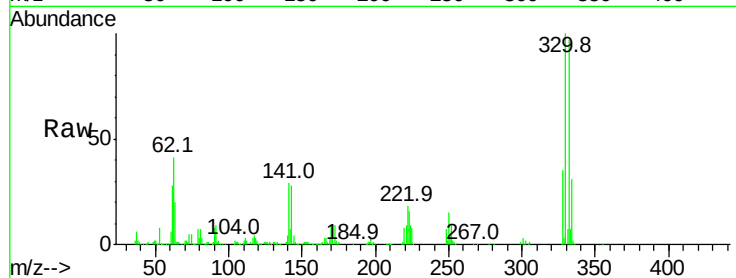
Tot Ion:330 Resp: 597821

Ion Ratio Lower Upper

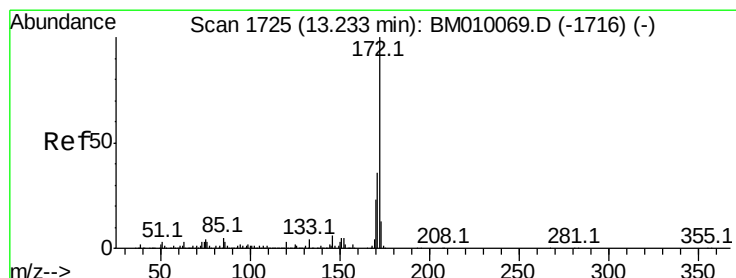
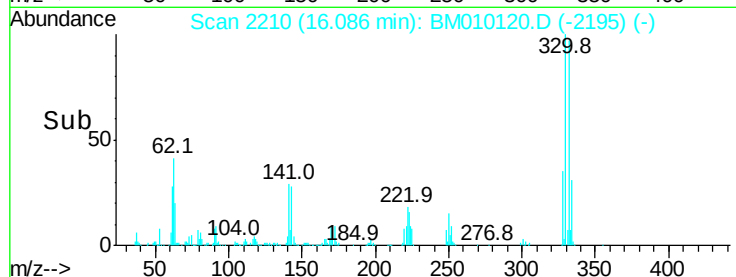
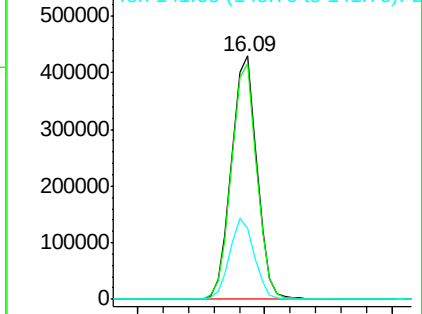
330 100

332 96.0 0.0 0.0#

141 32.1 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: 77.95 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BM010120.D

Acq: 23 May 2017 01:47

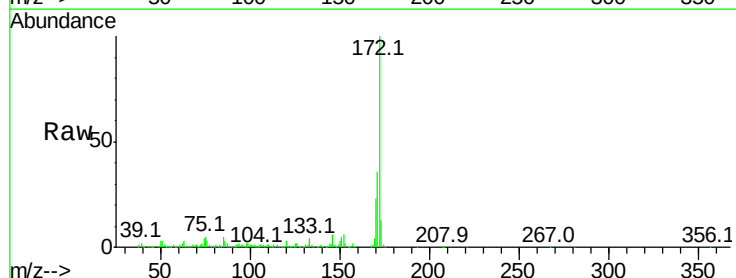
Tgt Ion:172 Resp: 1886161

Ion Ratio Lower Upper

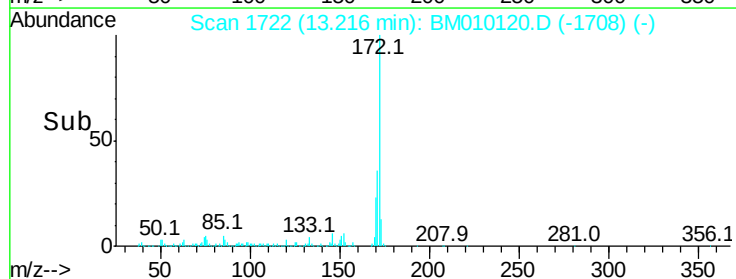
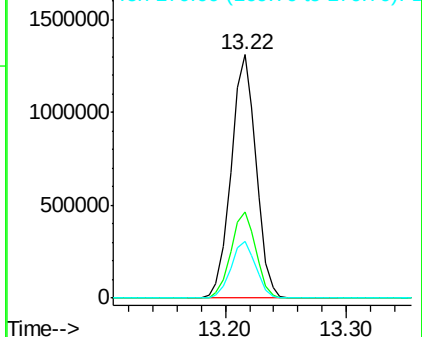
172 100

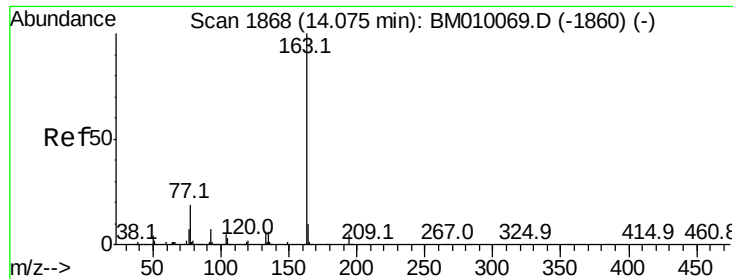
171 35.5 28.5 42.7

170 23.4 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: 5.51 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BM010120.D

Acq: 23 May 2017 01:47

Instrument :

BNA_M

ClientSampled :

EX-15

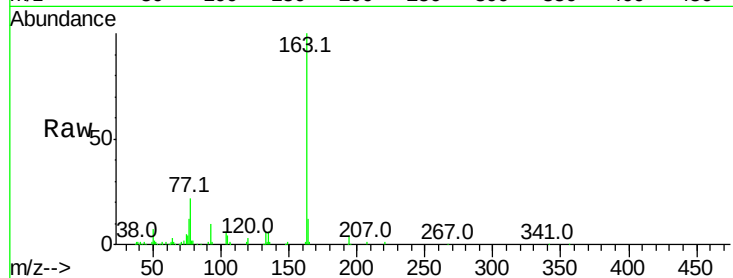
Tot Ion:163 Resp: 152843

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

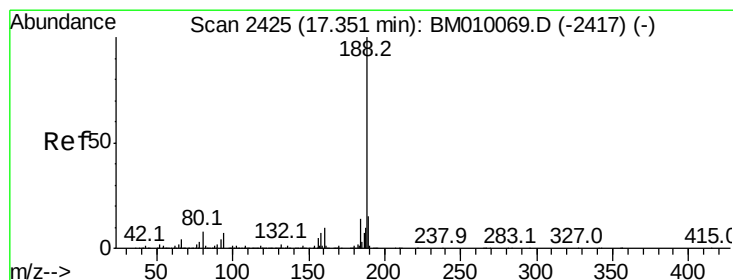
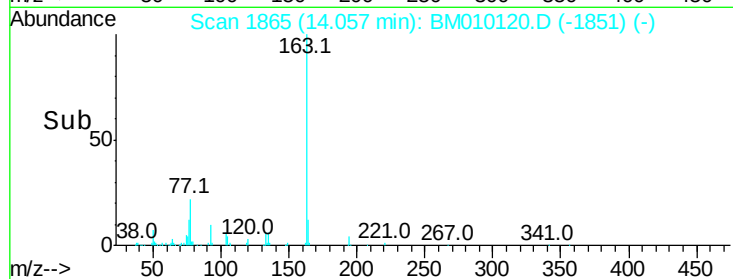
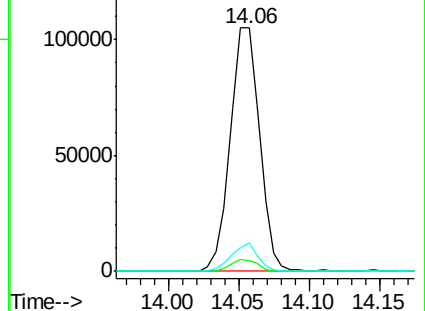
164 11.6 8.2 12.2



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: BM010120.D

Acq: 23 May 2017 01:47

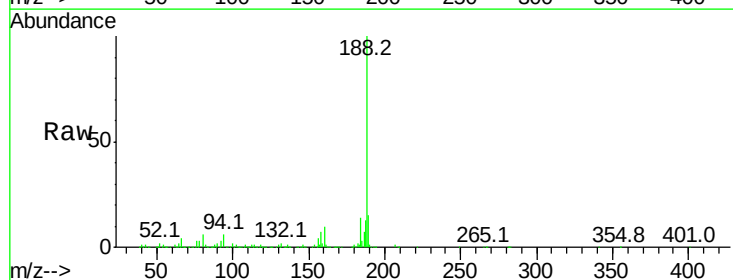
Tgt Ion:188 Resp: 801466

Ion Ratio Lower Upper

188 100

94 5.7 8.7 13.1#

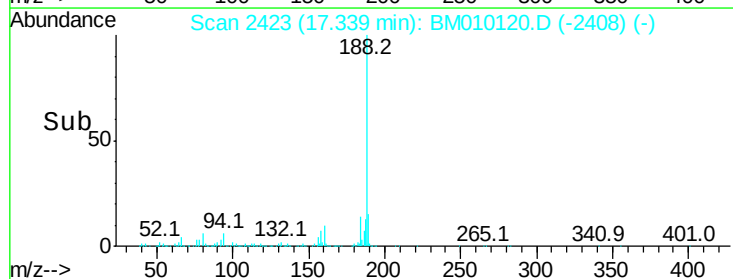
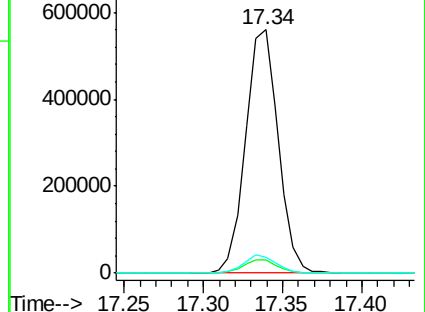
80 6.5 9.3 13.9#

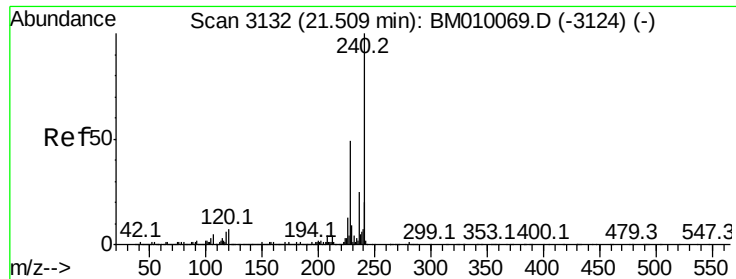


Abundance Ion 188.00 (187.70 to 188.70): E

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: BM010120.D

Acq: 23 May 2017 01:47

Instrument :

BNA_M

ClientSampled :

EX-15

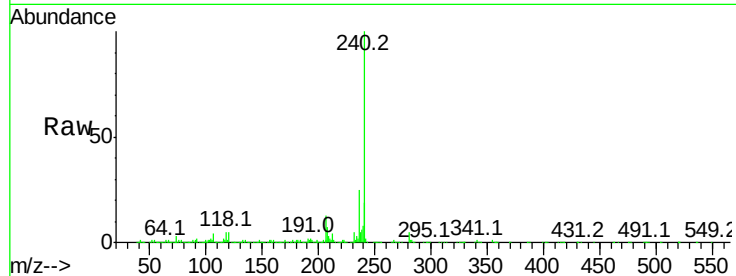
Tot Ion:240 Resp: 1250264

Ion Ratio Lower Upper

240 100

120 5.2 8.2 12.2#

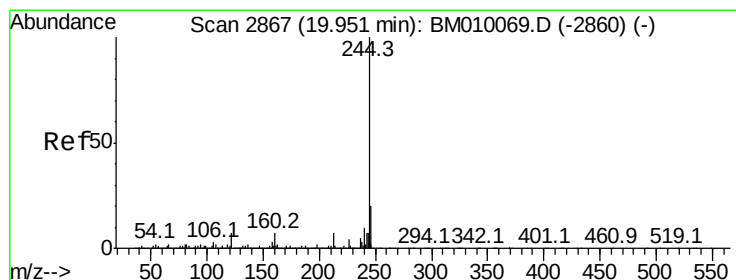
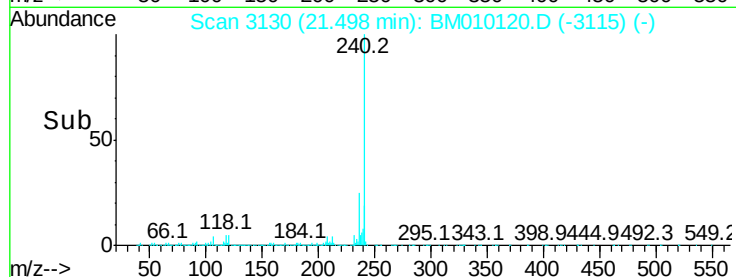
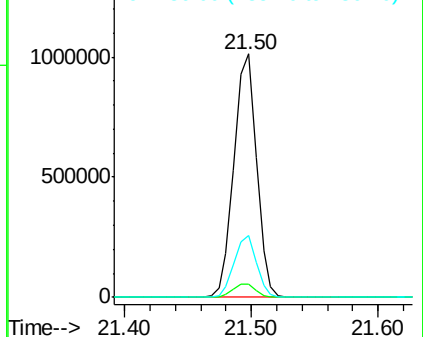
236 25.2 20.0 30.0



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: 62.53 ng

RT: 19.94 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BM010120.D

Acq: 23 May 2017 01:47

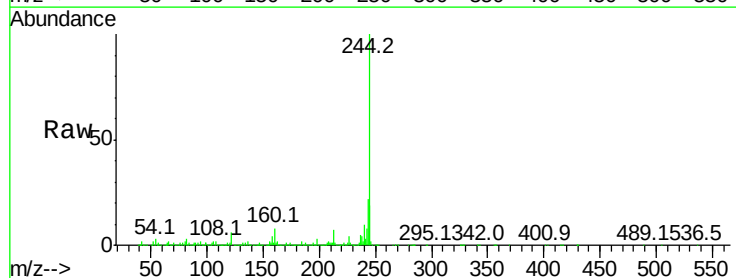
Tgt Ion:244 Resp: 3438059

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

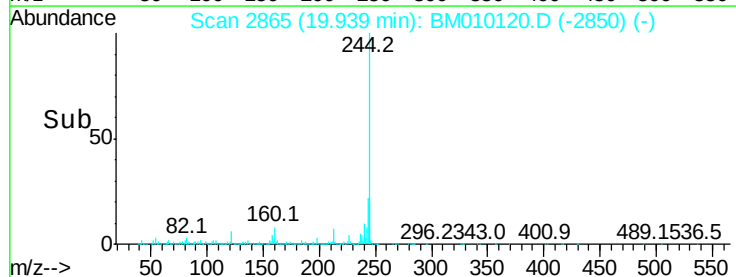
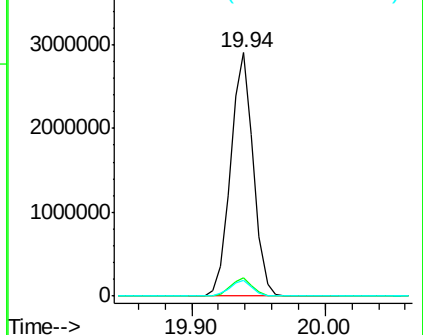
122 6.3 6.2 9.4

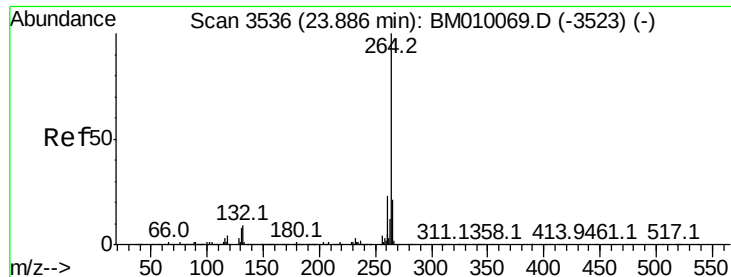


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.86 min Scan# 3532
 Delta R.T. -0.02 min
 Lab File: BM010120.D
 Acq: 23 May 2017 01:47

Instrument :
 BNA_M
 ClientSampleId :
 EX-15

Tot Ion:	264	Resp:	1399248
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.7	17.3	25.9

