

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010162.D
 Acq On : 24 May 2017 03:47
 Operator : SJ/MA
 Sample : I3222-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-11

Quant Time: May 24 05:28:30 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

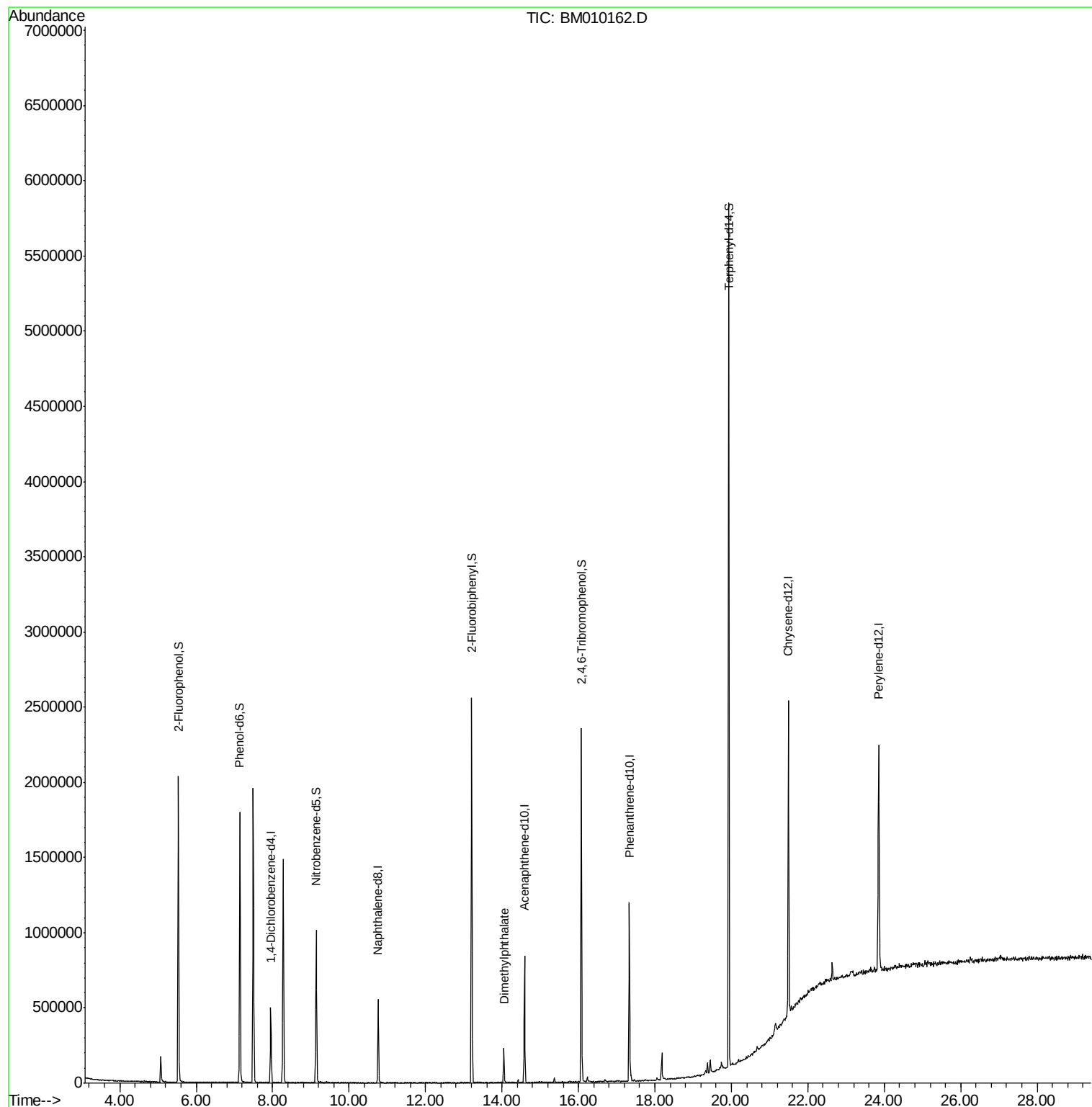
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	119912	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	415589	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	267841	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	675461	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1067562	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1203143	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	708768	106.74	ng	-0.02
7) Phenol-d6	7.14	99	876607	102.59	ng	-0.03
23) Nitrobenzene-d5	9.14	82	561891	72.94	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	408890	100.51	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	1301360	62.46	ng	-0.02
78) Terphenyl-d14	19.93	244	2326103	49.54	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.04	163	136016	5.69	ng	Qvalue 98

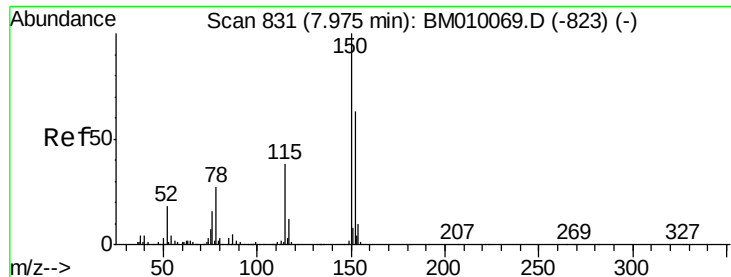
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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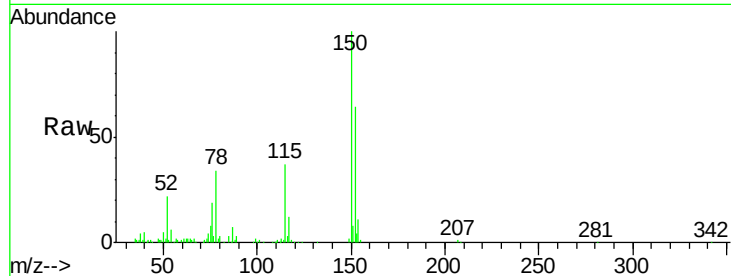


#1

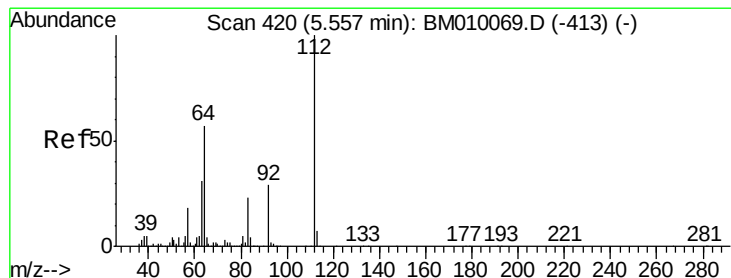
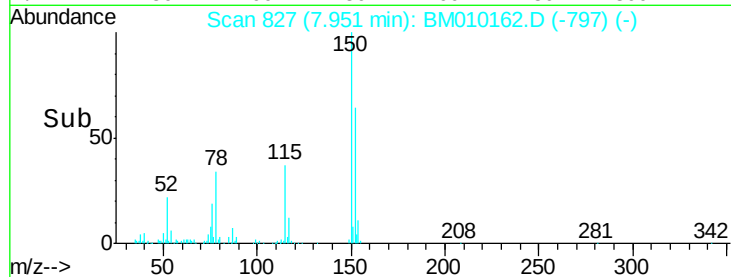
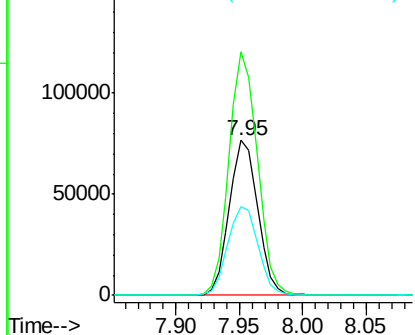
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010162.D
Acq: 24 May 2017 03:47

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 119912
Ion Ratio Lower Upper
152 100
150 157.4 119.5 179.3
115 57.5 43.0 64.4



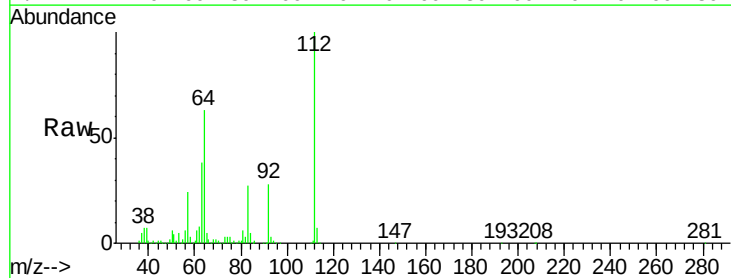
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



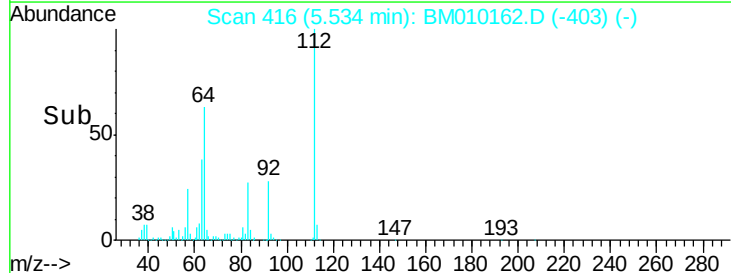
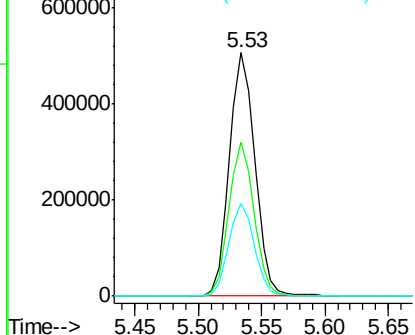
#5

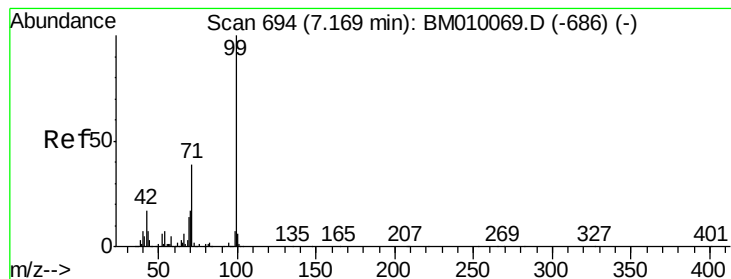
2-Fluorophenol
Concen: 106.74 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010162.D
Acq: 24 May 2017 03:47

Tgt Ion:112 Resp: 708768
Ion Ratio Lower Upper
112 100
64 63.1 38.6 57.8#
63 37.8 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: 102.59 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010162.D

Acq: 24 May 2017 03:47

Instrument :

BNA_M

ClientSampleId :

EX-11

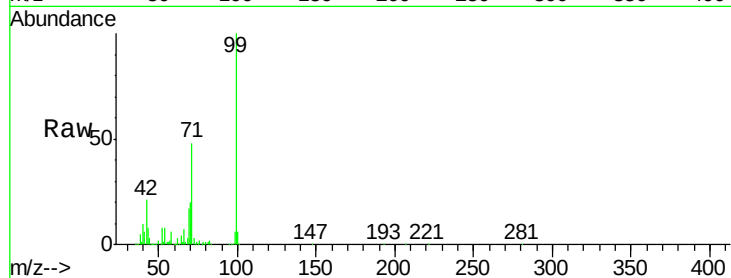
Tgt Ion: 99 Resp: 876607

Ion Ratio Lower Upper

99 100

42 21.1 11.0 16.4#

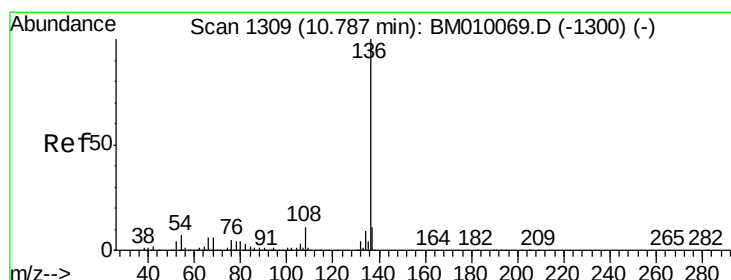
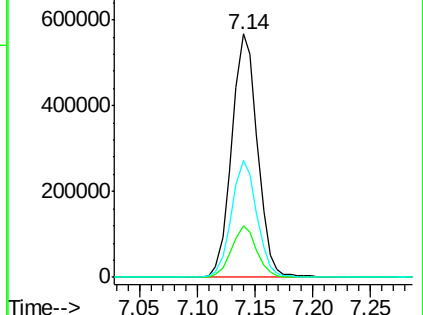
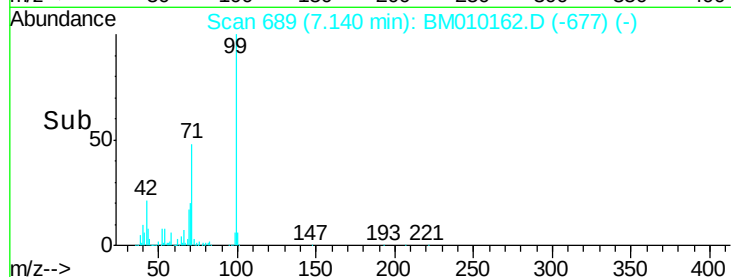
71 47.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010162.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010162.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010162.D (-677) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010162.D

Acq: 24 May 2017 03:47

Tgt Ion: 136 Resp: 415589

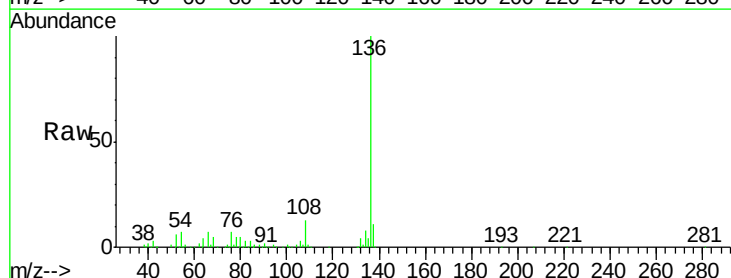
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.7 4.6 6.8

68 4.5 3.7 5.5

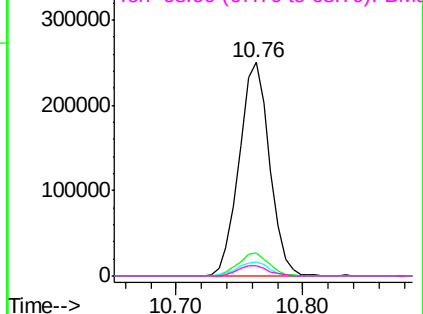
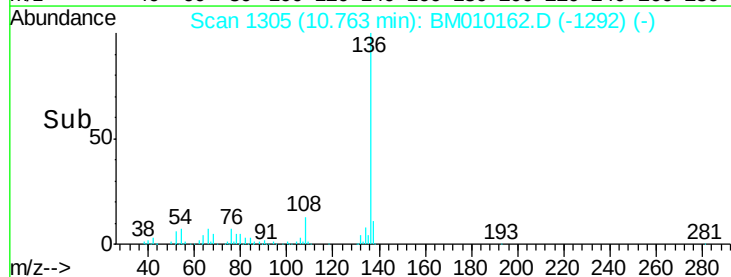


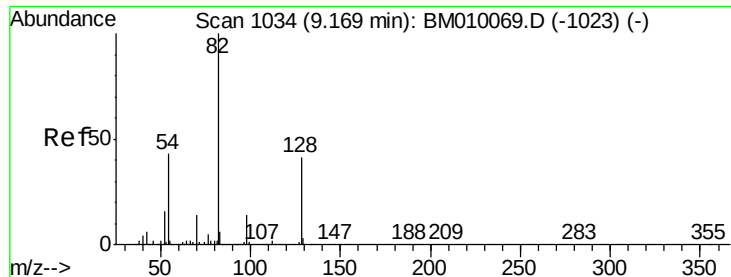
Abundance Ion 136.00 (135.70 to 136.70): BM010162.D (-1292) (-)

Ion 137.00 (136.70 to 137.70): BM010162.D (-1292) (-)

Ion 54.00 (53.70 to 54.70): BM010162.D (-1292) (-)

Ion 68.00 (67.70 to 68.70): BM010162.D (-1292) (-)

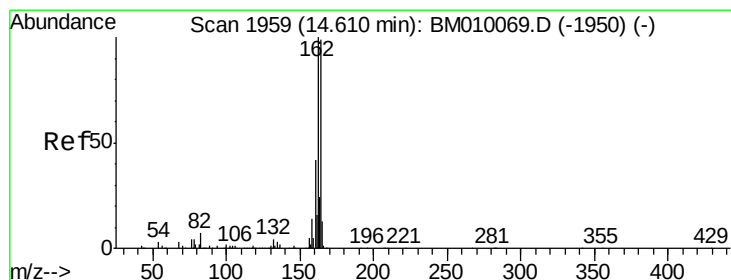
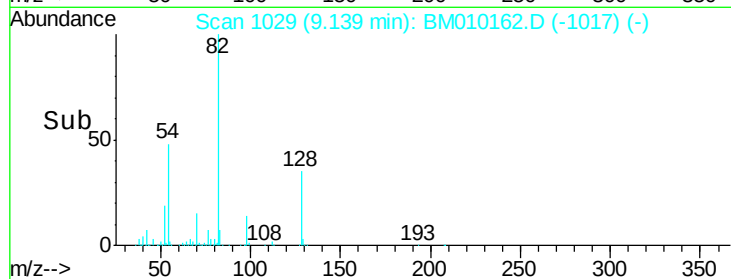
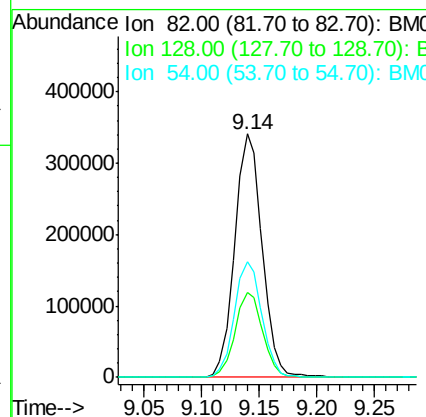
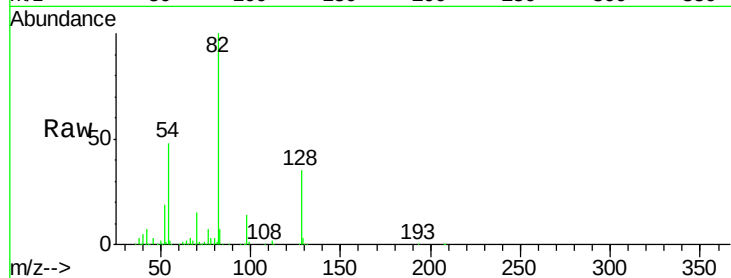




#23
 Nitrobenzene-d5
 Concen: 72.94 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010162.D
 Acq: 24 May 2017 03:47

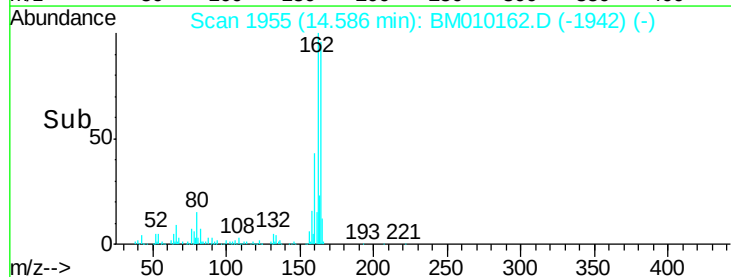
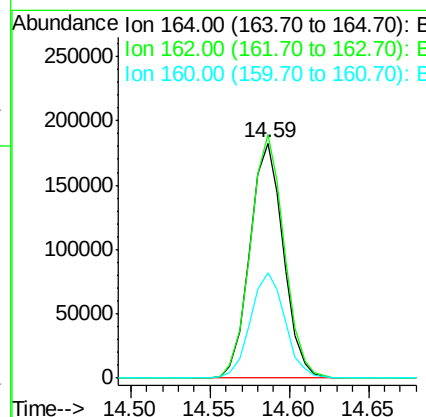
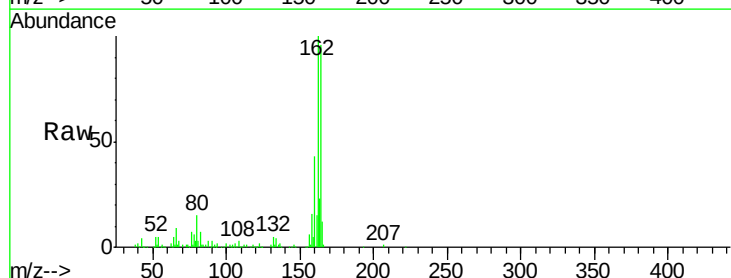
Instrument :
 BNA_M
 ClientSampleId :
 EX-11

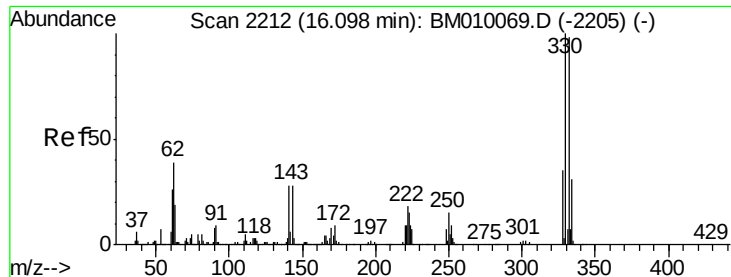
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.7	32.8	49.2
54	47.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010162.D
 Acq: 24 May 2017 03:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.4	123.6
160	44.9	35.8	53.6

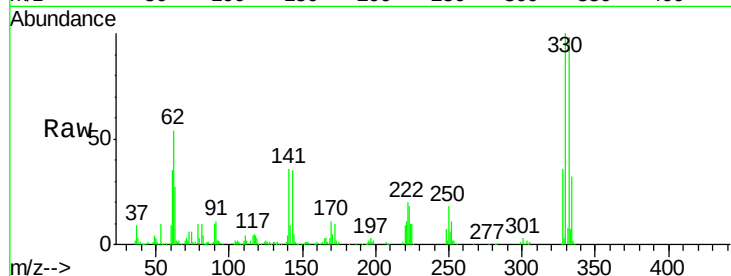




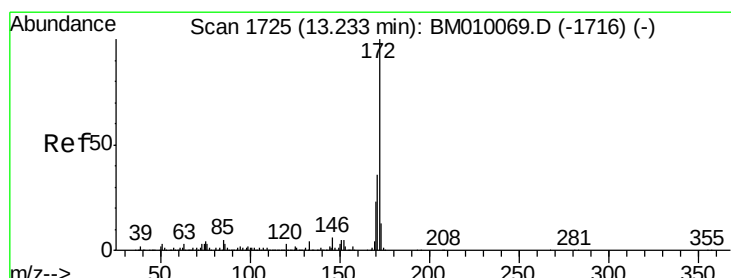
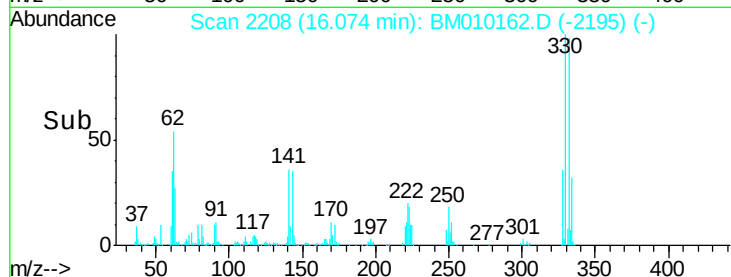
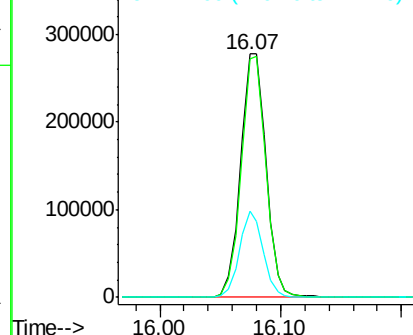
#41
2,4,6-Tribromophenol
Concen: 100.51 ng
RT: 16.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BM010162.D
Acq: 24 May 2017 03:47

Instrument :
BNA_M
ClientSampled :
EX-11

Tgt Ion:330 Resp: 408890
Ion Ratio Lower Upper
330 100
332 96.4 0.0 0.0#
141 33.1 0.0 0.0#

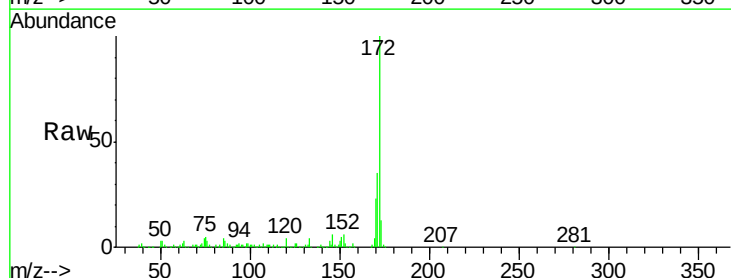


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

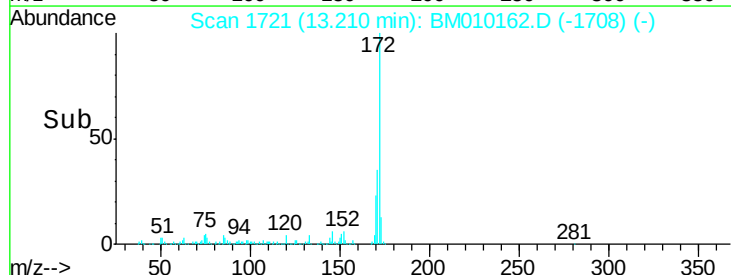
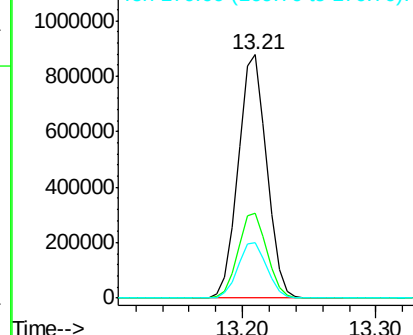


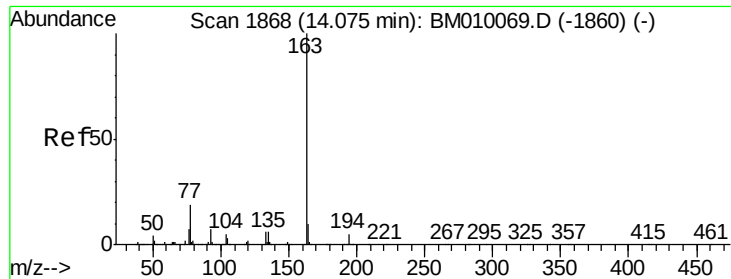
#44
2-Fluorobiphenyl
Concen: 62.46 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010162.D
Acq: 24 May 2017 03:47

Tgt Ion:172 Resp: 1301360
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.6 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





#49

Dimethylphthalate

Concen: 5.69 ng

RT: 14.04 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BM010162.D

Acq: 24 May 2017 03:47

Instrument :

BNA_M

ClientSampled :

EX-11

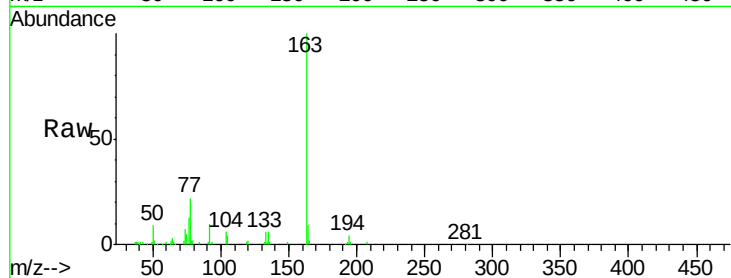
Tgt Ion:163 Resp: 136016

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

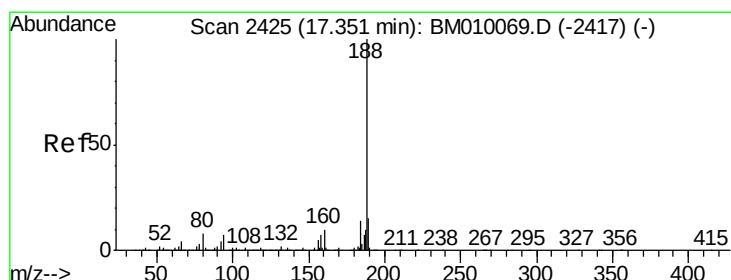
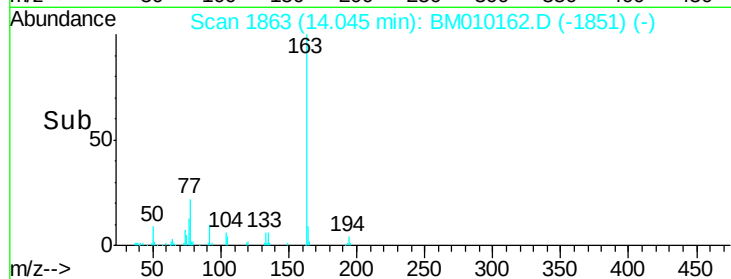
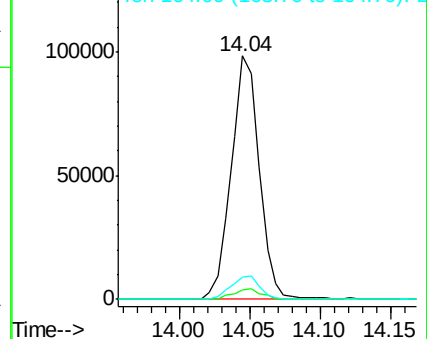
164 9.4 8.2 12.2



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: 17.33 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BM010162.D

Acq: 24 May 2017 03:47

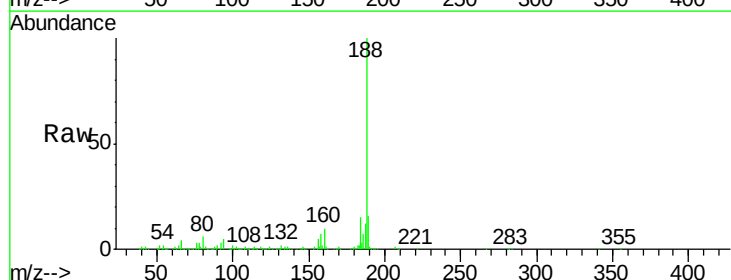
Tgt Ion:188 Resp: 675461

Ion Ratio Lower Upper

188 100

94 5.5 8.7 13.1#

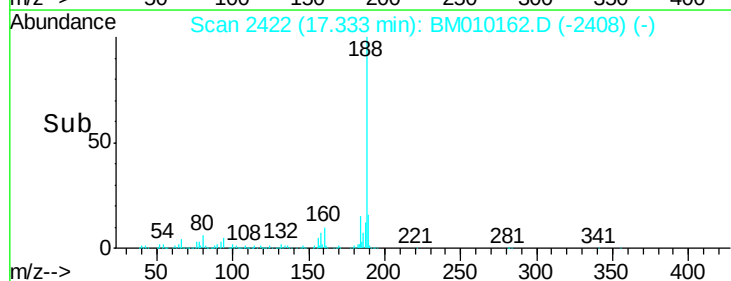
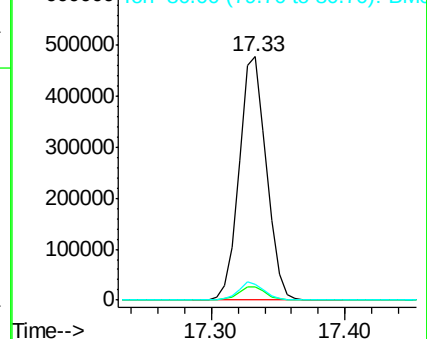
80 6.4 9.3 13.9#

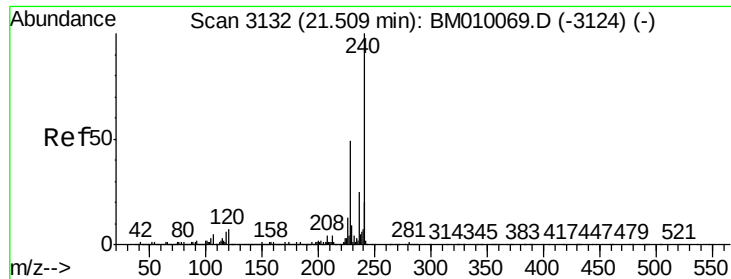


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

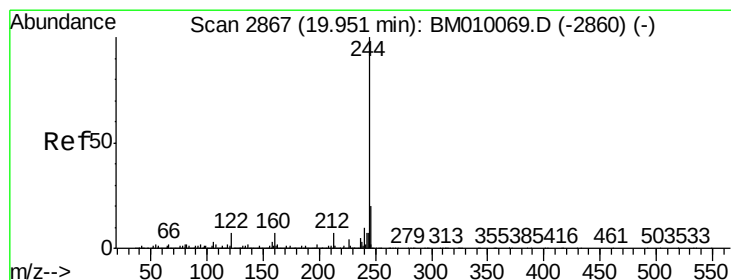
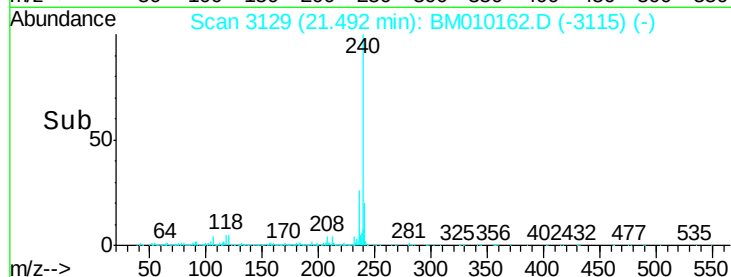
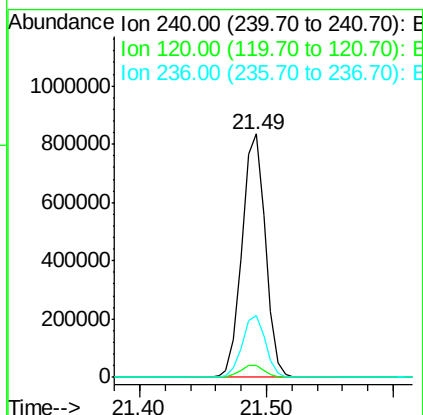
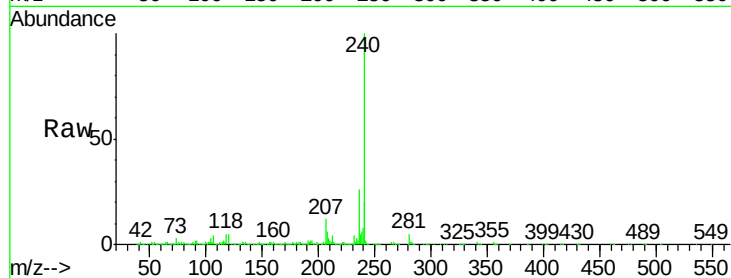




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010162.D
Acq: 24 May 2017 03:47

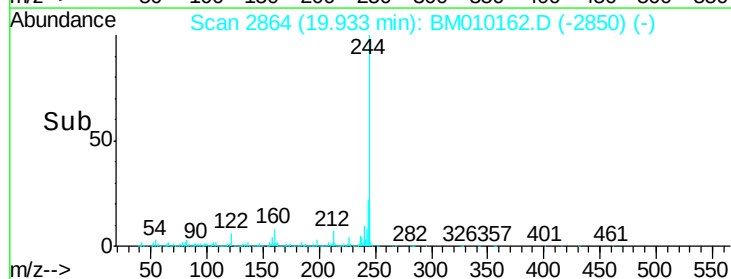
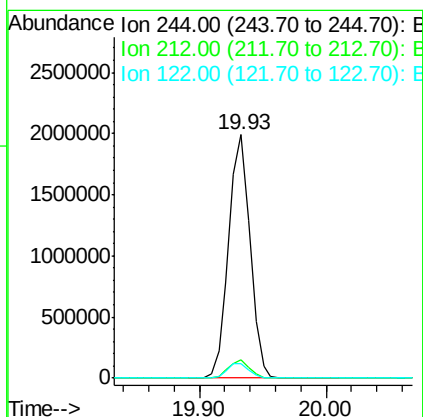
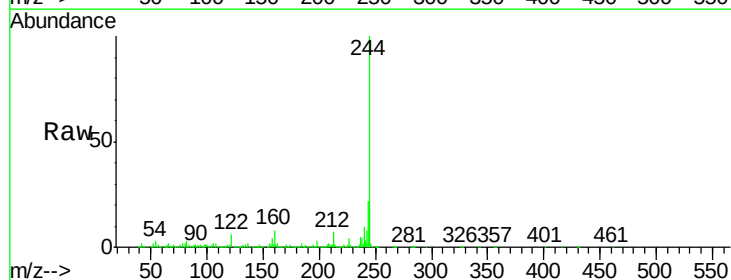
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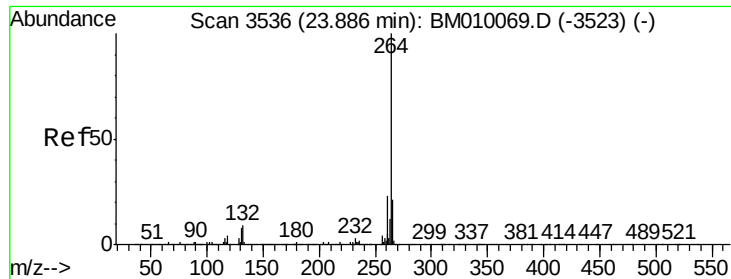
Tgt Ion:240 Resp: 1067562
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 25.6 20.0 30.0



#78
Terphenyl-d14
Concen: 49.54 ng
RT: 19.93 min Scan# 2864
Delta R.T. -0.02 min
Lab File: BM010162.D
Acq: 24 May 2017 03:47

Tgt Ion:244 Resp: 2326103
Ion Ratio Lower Upper
244 100
212 7.4 4.9 7.3#
122 6.1 6.2 9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.85 min Scan# 3530
Delta R.T. -0.04 min
Lab File: BM010162.D
Acq: 24 May 2017 03:47

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 264 Resp: 1203143

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.8	17.3	25.9

