

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010259.D
 Acq On : 26 May 2017 16:23
 Operator : SJ/MA
 Sample : I3347-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11931/VNJ-208/153/341/132

Quant Time: May 27 00:40:00 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	7.94	152	107960	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	348561	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	210346	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	524273	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	832527	20.00	ng	-0.03
86) Perylene-d12	23.84	264	972199	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	807603	135.09	ng	-0.03
7) Phenol-d6	7.13	99	849019	110.37	ng	-0.04
23) Nitrobenzene-d5	9.13	82	715905	110.81	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	484111	151.53	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1817332	111.07	ng	-0.04
78) Terphenyl-d14	19.92	244	3180018	86.85	ng	-0.03

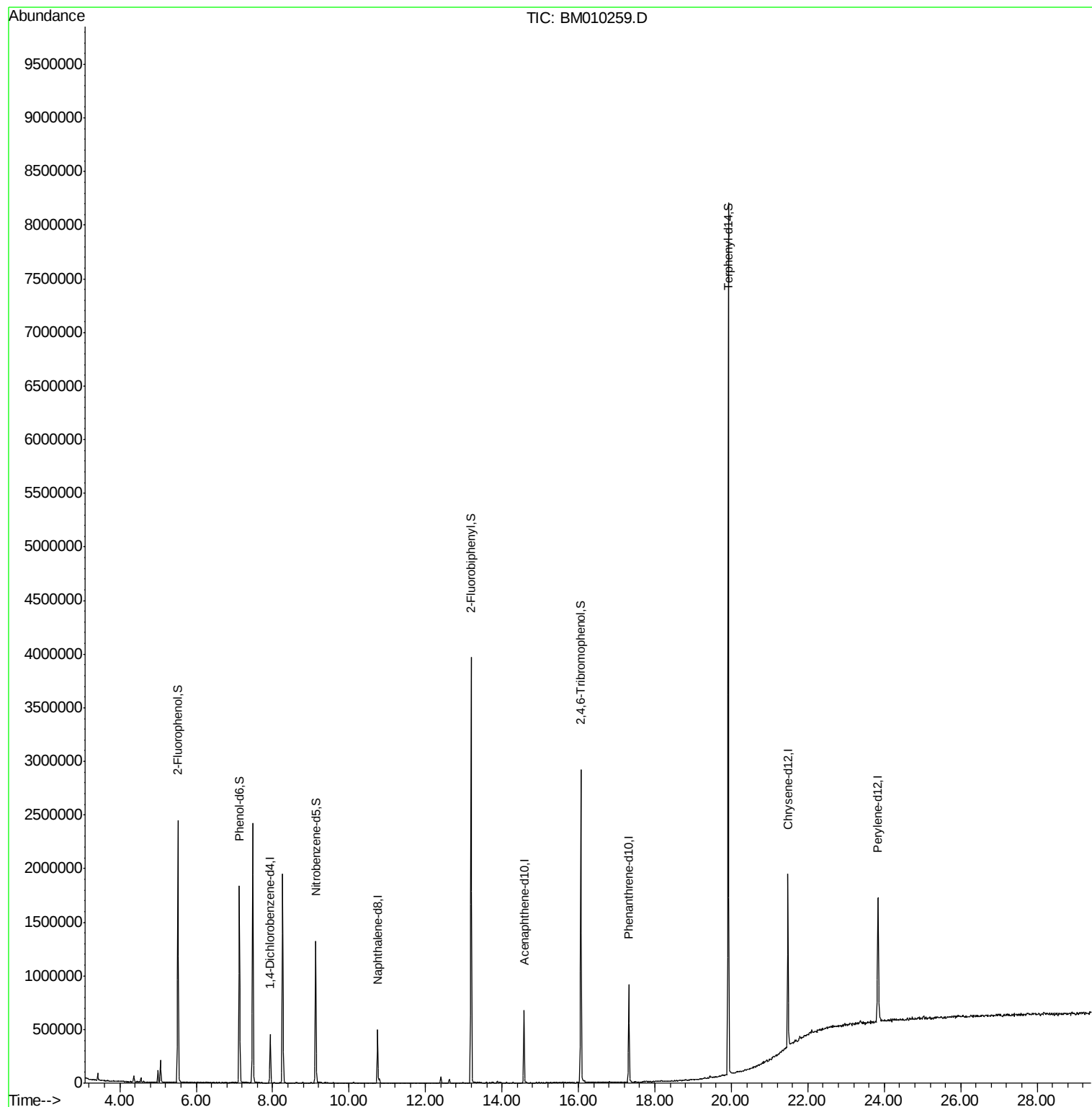
Target Compounds Qvalue

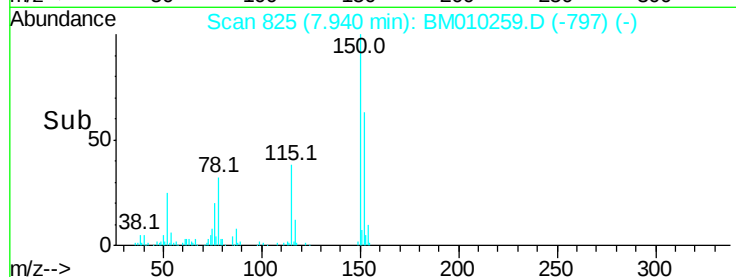
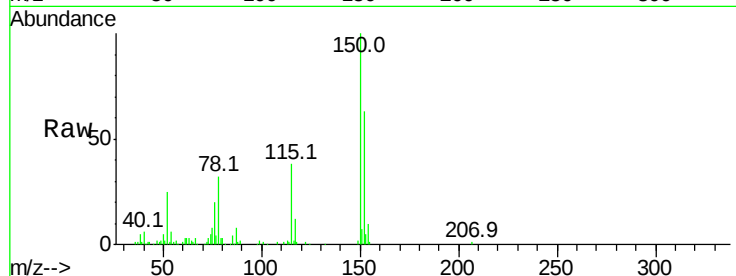
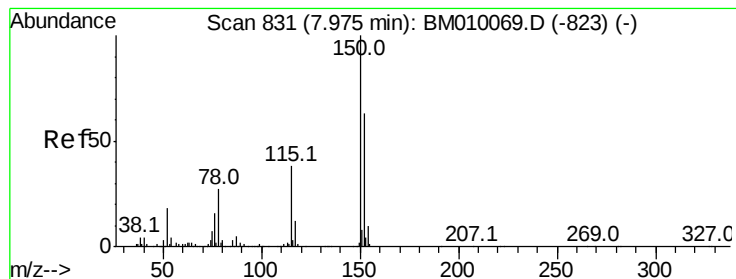
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampleId :

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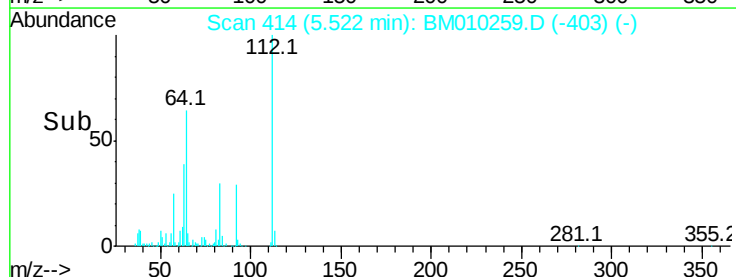
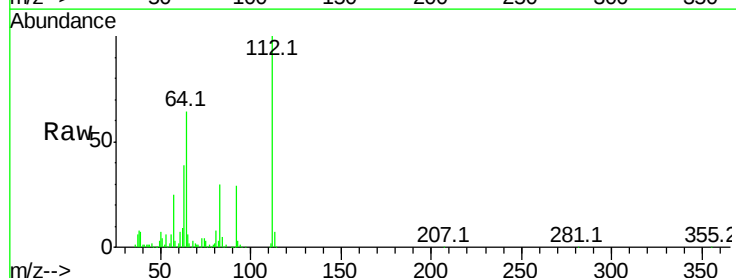
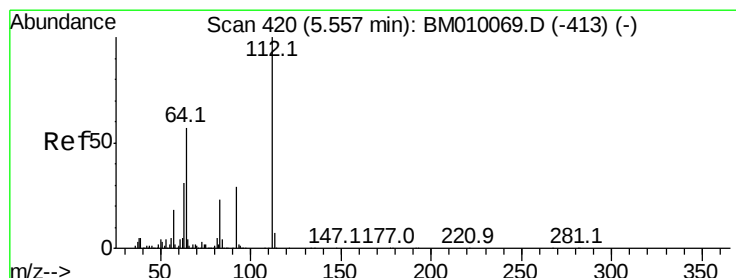
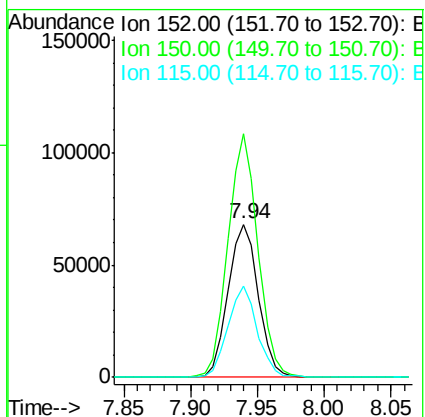
Tot Ion:152 Resp: 107960

Ion Ratio Lower Upper

152 100

150 158.9 119.5 179.3

115 59.7 43.0 64.4



#5

2-Fluorophenol

Concen: 135.09 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.03 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

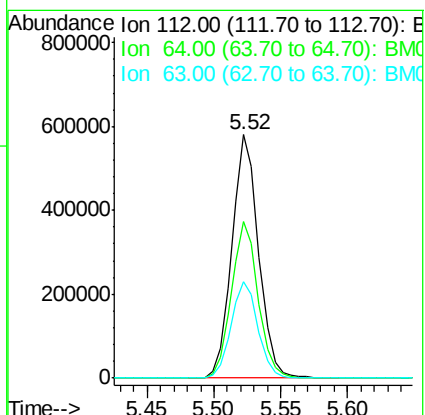
Tgt Ion:112 Resp: 807603

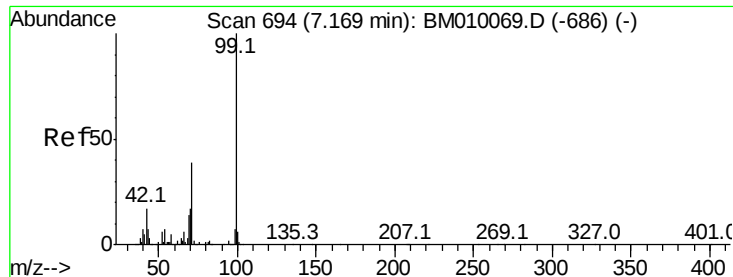
Ion Ratio Lower Upper

112 100

64 64.1 38.6 57.8#

63 39.4 19.3 28.9#





#7

Phenol-d6

Concen: 110.37 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Instrument :

BNA_M

ClientSampleId :

72-11931/VNJ-208/153/341/132

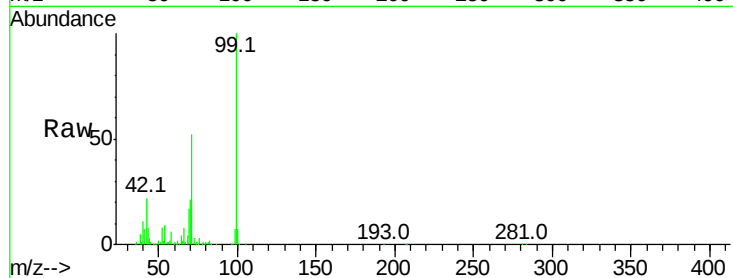
Tot Ion: 99 Resp: 849019

Ion Ratio Lower Upper

99 100

42 22.1 11.0 16.4#

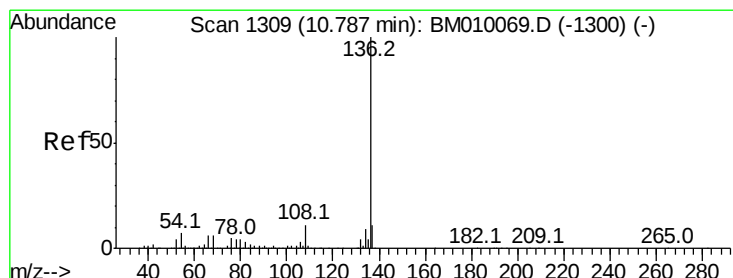
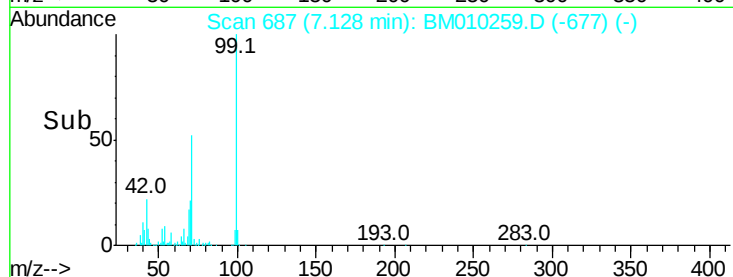
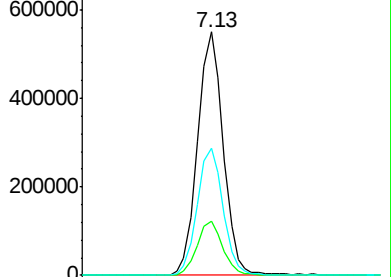
71 52.2 23.4 35.2#



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: 10.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Tgt Ion: 136 Resp: 348561

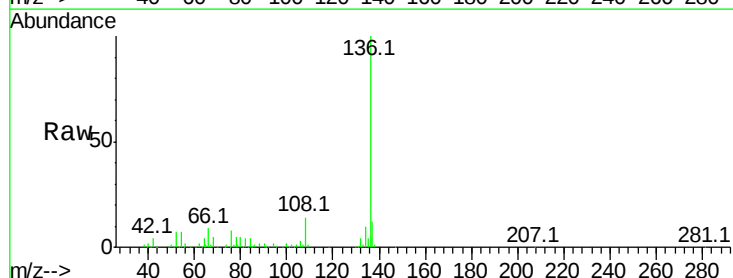
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.2 4.6 6.8#

68 4.8 3.7 5.5

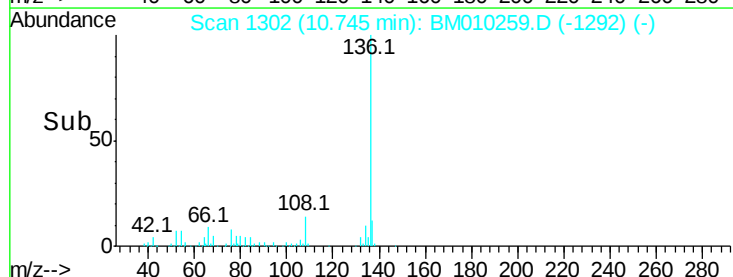
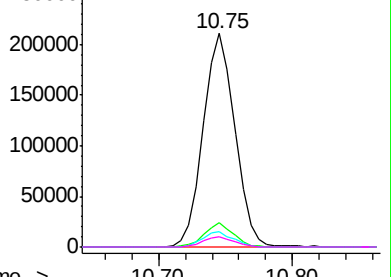


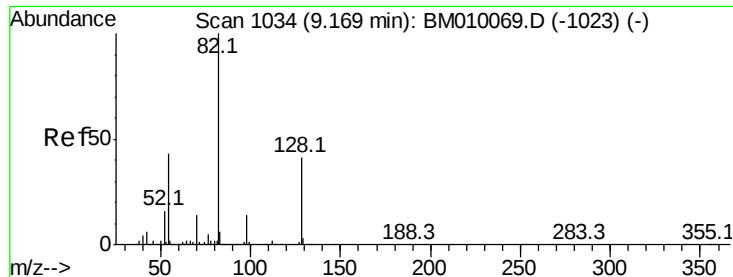
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)

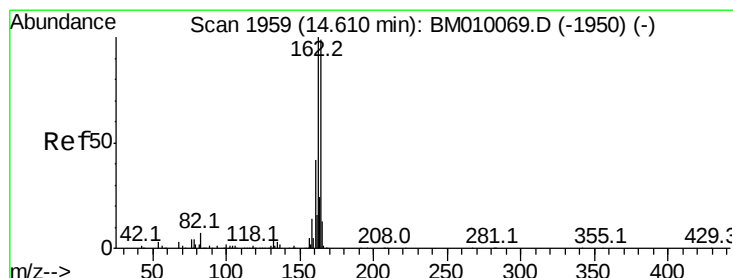
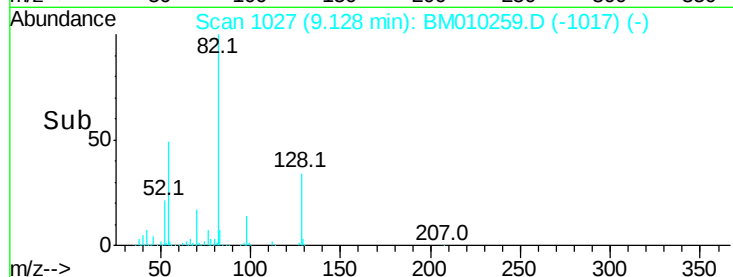
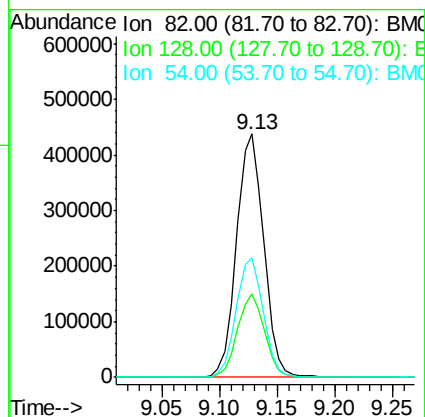
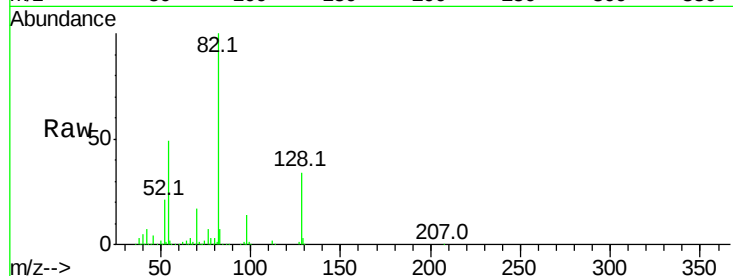




#23
 Nitrobenzene-d5
 Concen: 110.81 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BM010259.D
 Acq: 26 May 2017 16:23

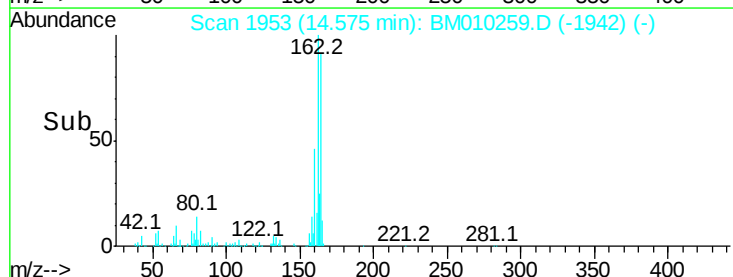
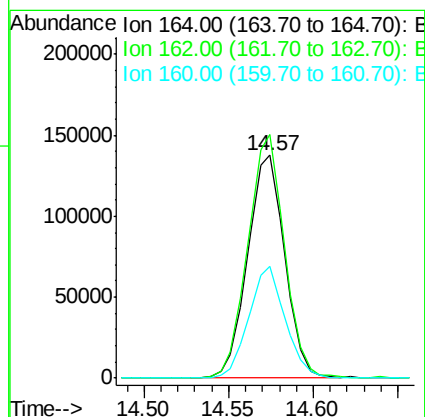
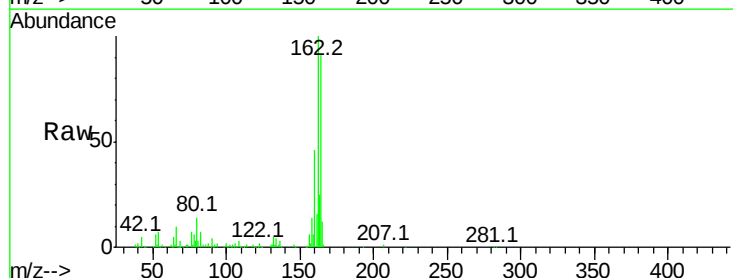
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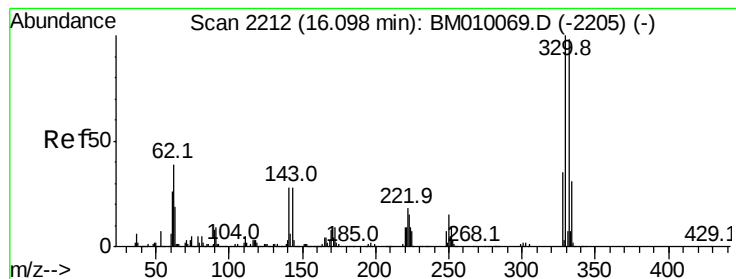
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	32.8	49.2
54	49.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.04 min
 Lab File: BM010259.D
 Acq: 26 May 2017 16:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.4	82.4	123.6
160	50.0	35.8	53.6

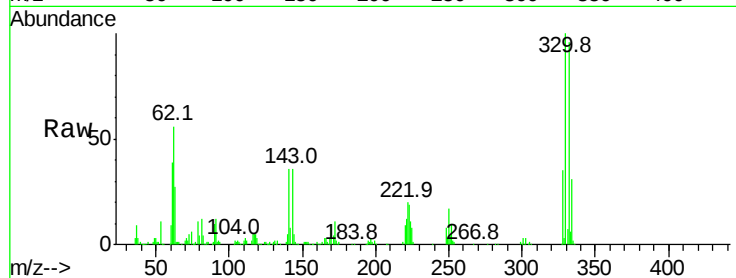




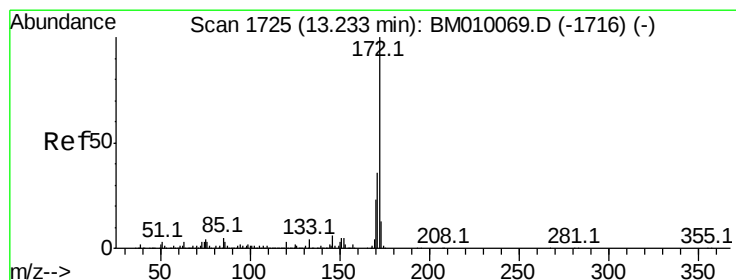
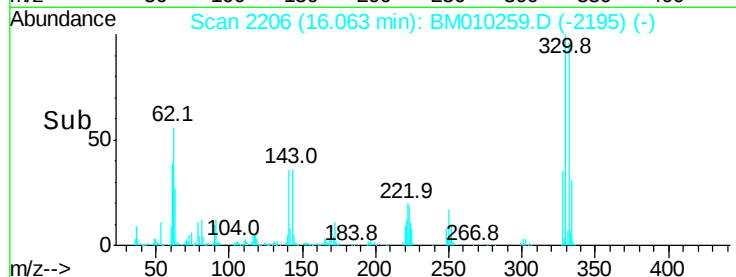
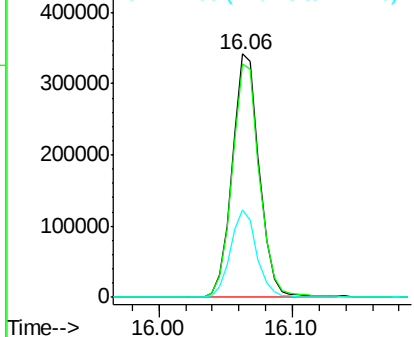
#41
 2,4,6-Tribromophenol
 Concen: 151.53 ng
 RT: 16.06 min Scan# 2206
 Delta R.T. -0.04 min
 Lab File: BM010259.D
 Acq: 26 May 2017 16:23

Instrument :
 BNA_M
 ClientSampleId :
 72-11931/VNJ-208/153/341/132

Tot Ion:330 Resp: 484111
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 35.1 0.0 0.0#

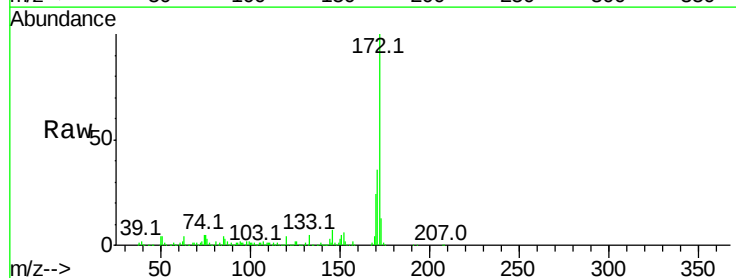


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

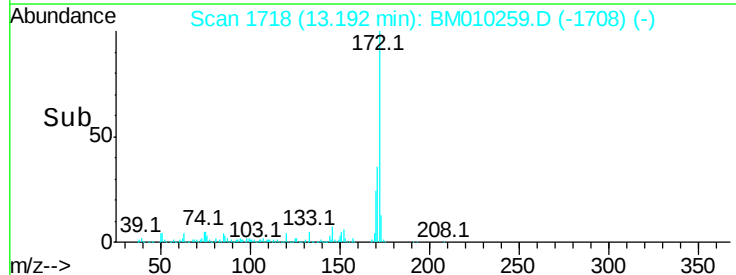
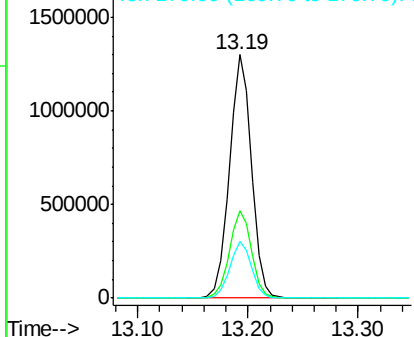


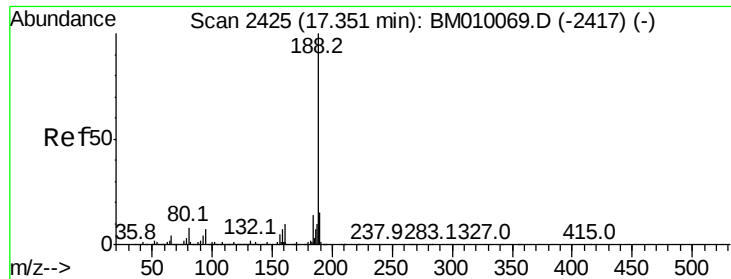
#44
 2-Fluorobiphenyl
 Concen: 111.07 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.04 min
 Lab File: BM010259.D
 Acq: 26 May 2017 16:23

Tgt Ion:172 Resp: 1817332
 Ion Ratio Lower Upper
 172 100
 171 36.2 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# 2419

Delta R.T. -0.04 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

Instrument :

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ClientSampleId :

72-11931/VNJ-208/153/341/132

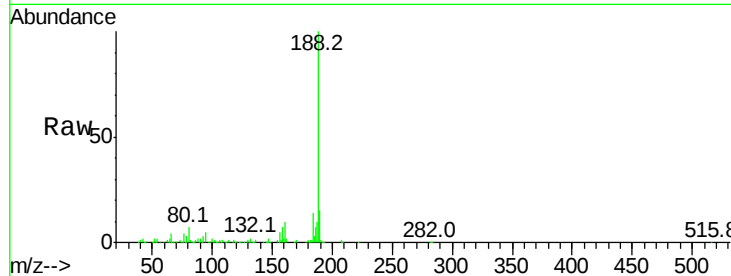
Tot Ion:188 Resp: 524273

Ion Ratio Lower Upper

188 100

94 5.0 8.7 13.1#

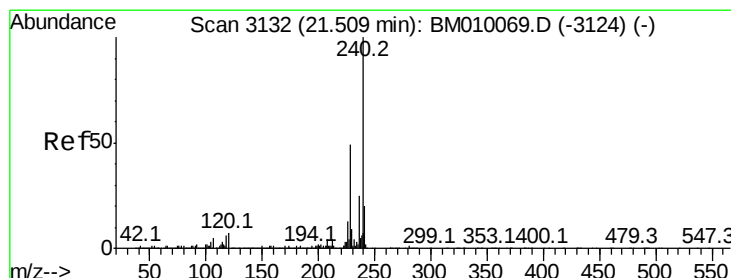
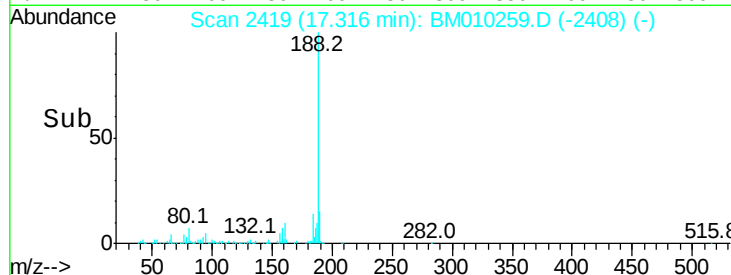
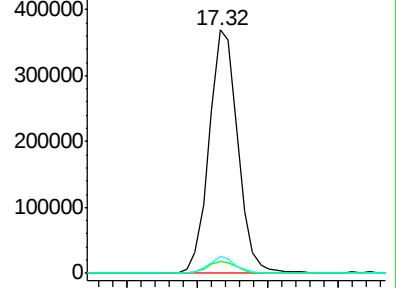
80 6.8 9.3 13.9#



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: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010259.D

Acq: 26 May 2017 16:23

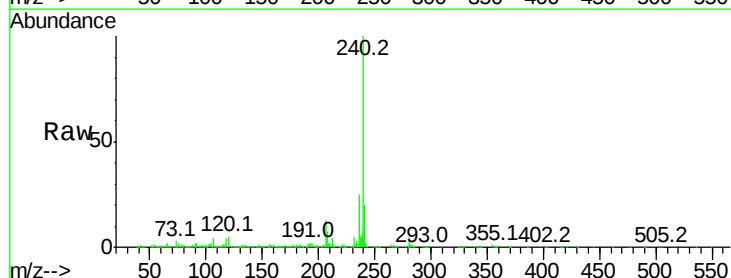
Tgt Ion:240 Resp: 832527

Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

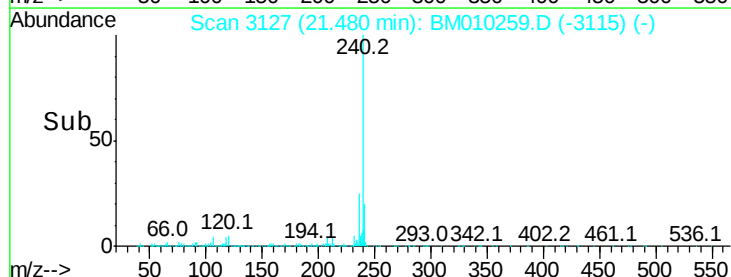
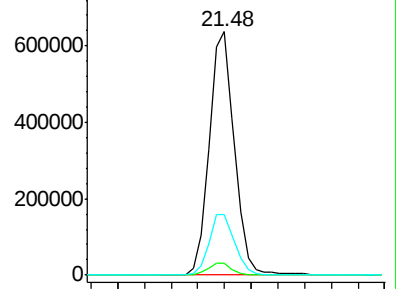
236 25.1 20.0 30.0

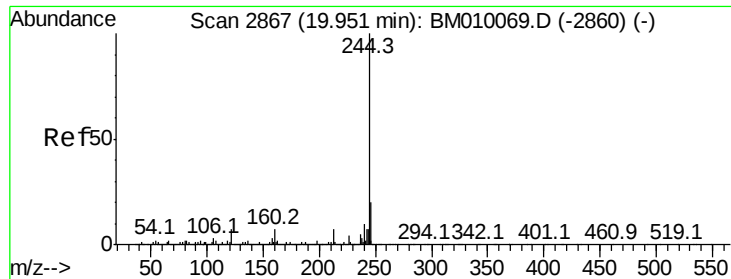


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

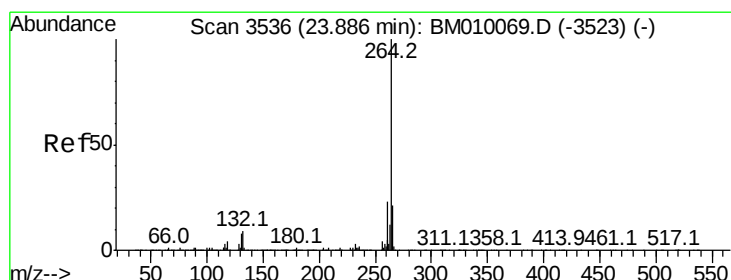
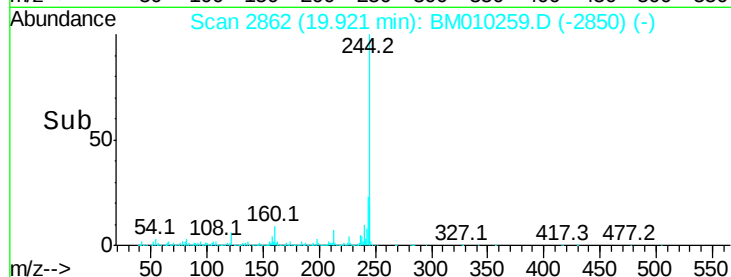
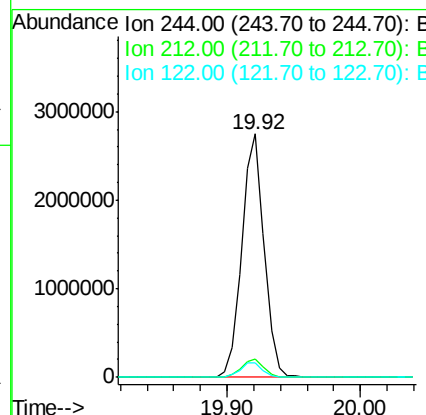
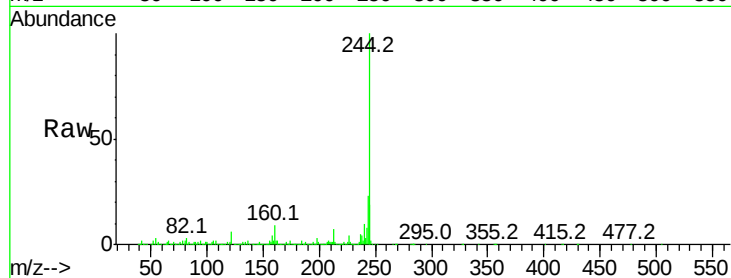




#78
 Terphenyl-d14
 Concen: 86.85 ng
 RT: 19.92 min Scan# 2862
 Delta R.T. -0.03 min
 Lab File: BM010259.D
 Acq: 26 May 2017 16:23

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Tot Ion:244 Resp: 3180018
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.9 7.3#
 122 6.1 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.84 min Scan# 3528
 Delta R.T. -0.05 min
 Lab File: BM010259.D
 Acq: 26 May 2017 16:23

Tgt Ion:264 Resp: 972199
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.4 17.3 25.9

