

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010250.D
 Acq On : 26 May 2017 10:59
 Operator : SJ/MA
 Sample : I3340-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 265563

Quant Time: May 27 00:07:37 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	105652	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	363638	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	248488	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	665162	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	1006473	20.00	ng	-0.03
86) Perylene-d12	23.84	264	1114351	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	384839	65.78	ng	-0.04
7) Phenol-d6	7.13	99	274594	36.48	ng	-0.04
23) Nitrobenzene-d5	9.13	82	780092	115.74	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	655960	173.81	ng	-0.03
44) 2-Fluorobiphenyl	13.19	172	2092441	108.25	ng	-0.04
78) Terphenyl-d14	19.92	244	4210801	95.13	ng	-0.03

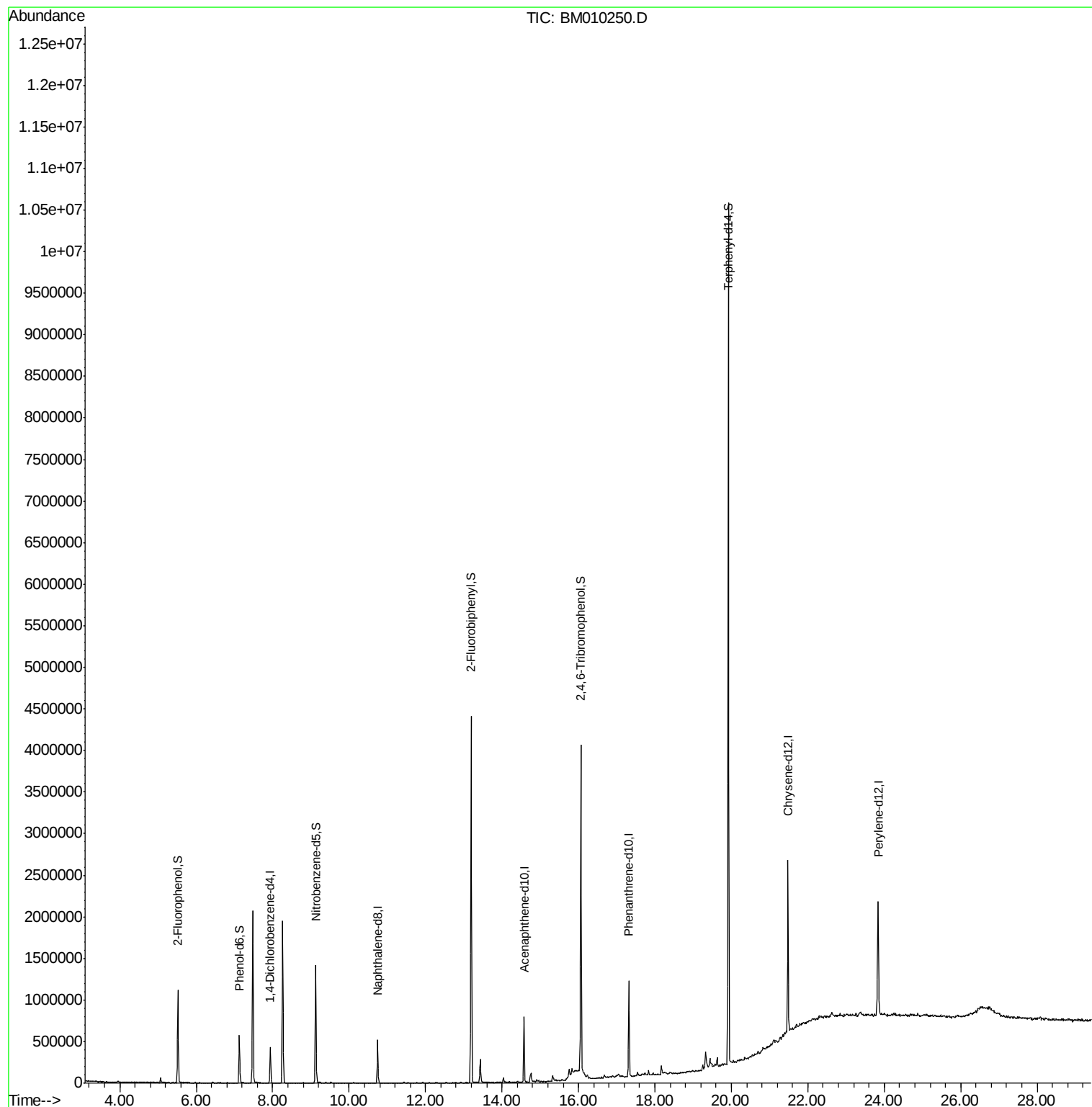
Target Compounds Qvalue

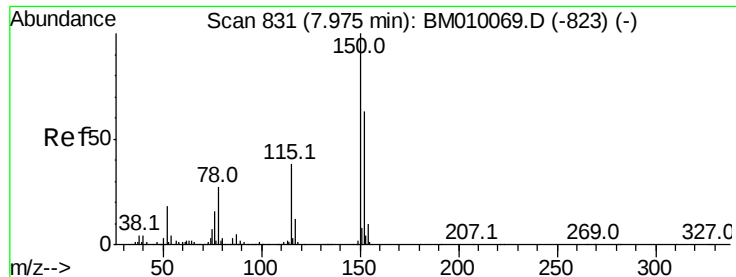
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

265563

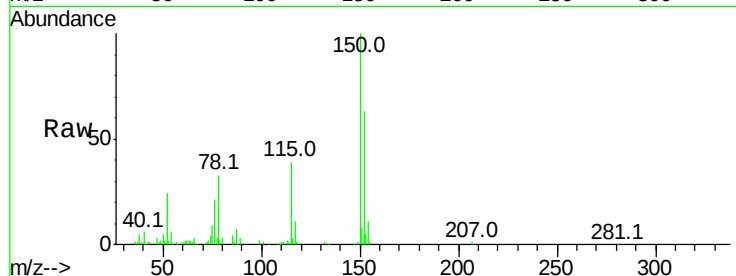
Tot Ion:152 Resp: 105652

Ion Ratio Lower Upper

152 100

150 159.0 119.5 179.3

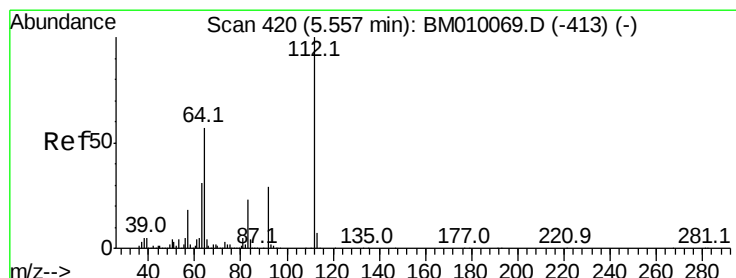
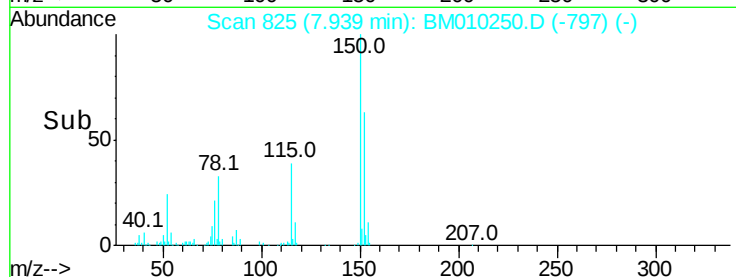
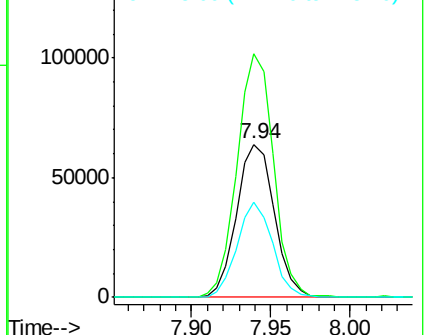
115 62.2 43.0 64.4



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: 65.78 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

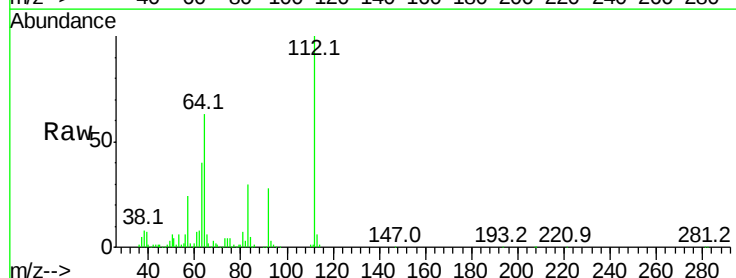
Tgt Ion:112 Resp: 384839

Ion Ratio Lower Upper

112 100

64 63.5 38.6 57.8#

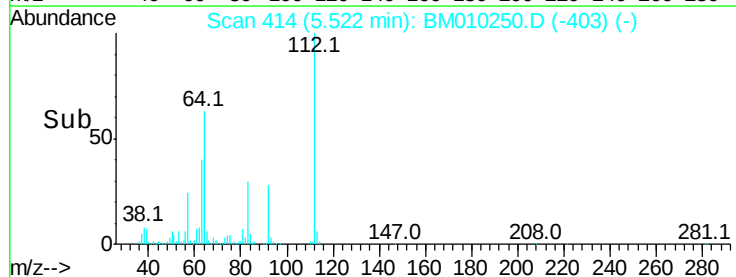
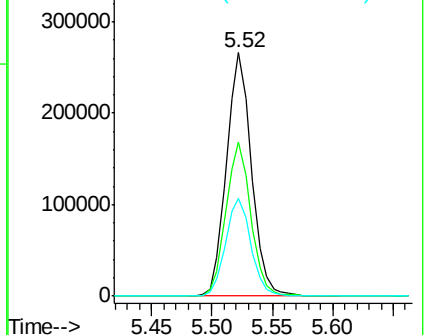
63 40.1 19.3 28.9#



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: 36.48 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

265563

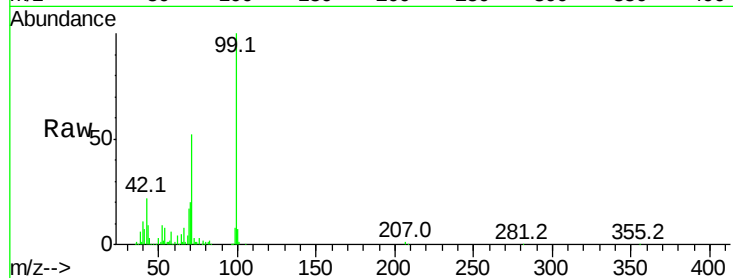
Tot Ion: 99 Resp: 274594

Ion Ratio Lower Upper

99 100

42 22.1 11.0 16.4#

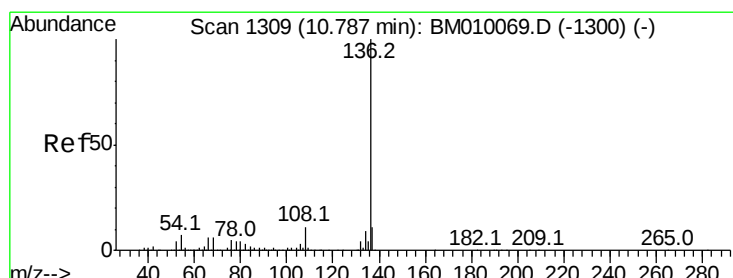
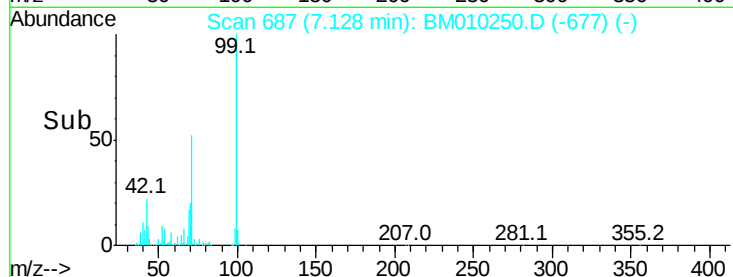
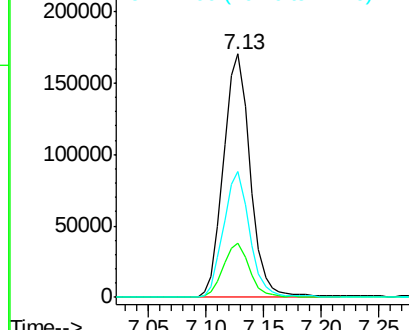
71 51.9 23.4 35.2#



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: BM010250.D

Acq: 26 May 2017 10:59

Tgt Ion: 136 Resp: 363638

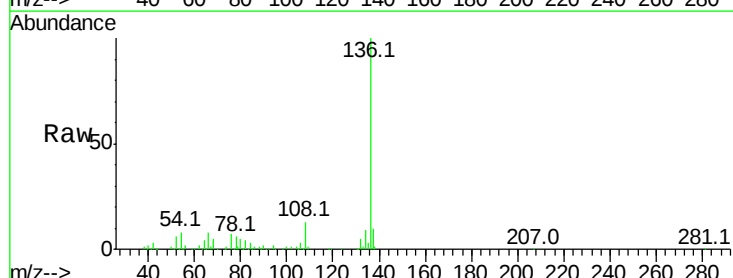
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 7.7 4.6 6.8#

68 4.9 3.7 5.5

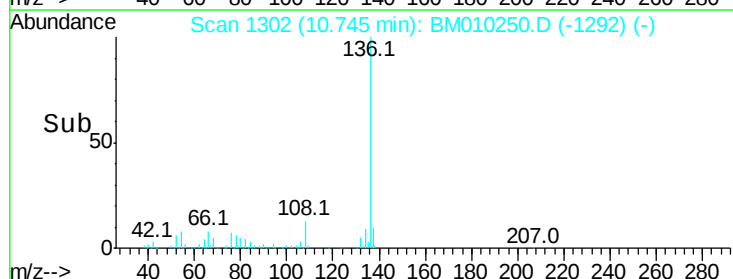
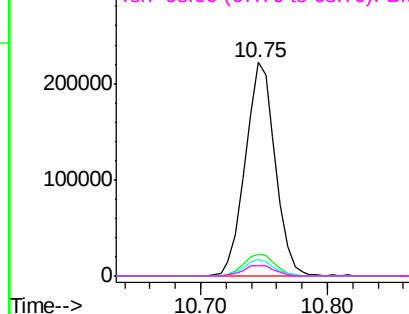


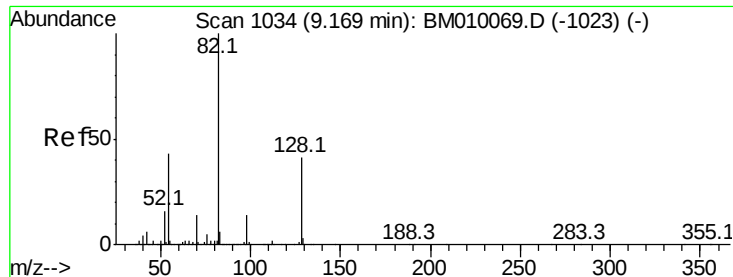
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)

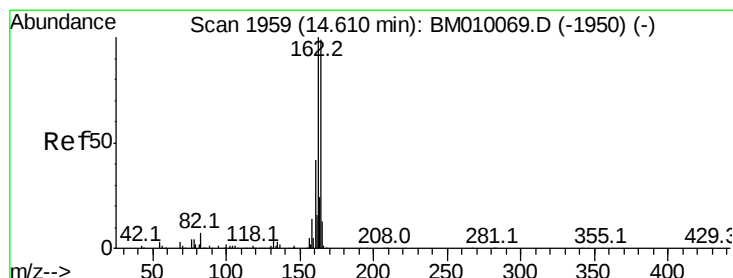
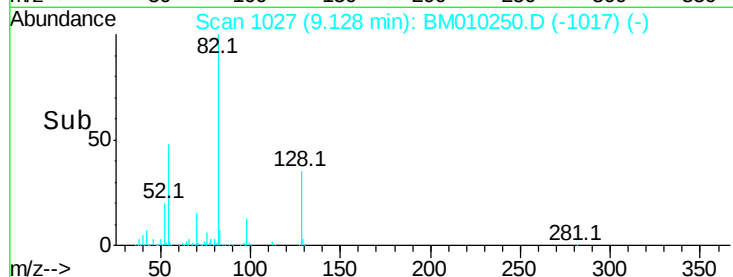
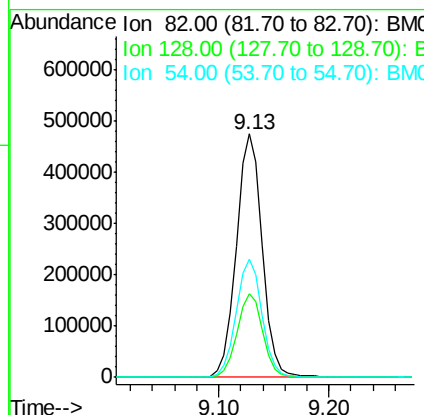
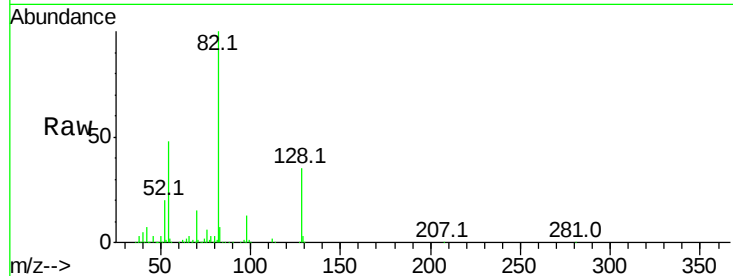




#23
 Nitrobenzene-d5
 Concen: 115.74 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BM010250.D
 Acq: 26 May 2017 10:59

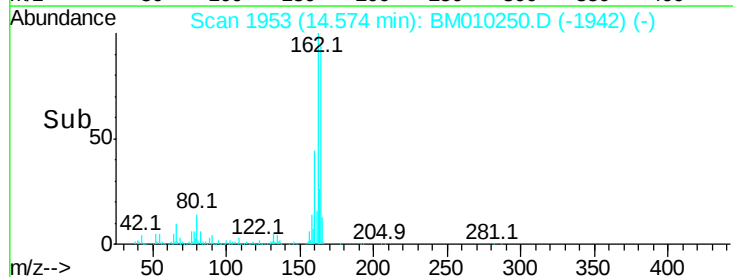
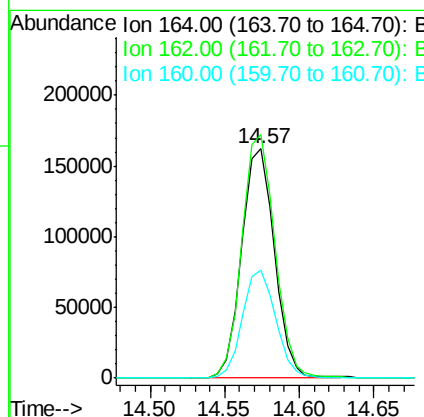
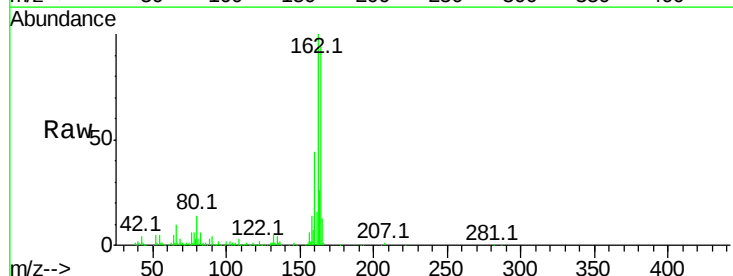
Instrument :
 BNA_M
 ClientSampleId :
 265563

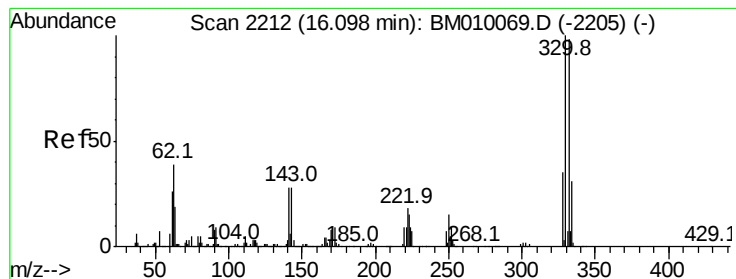
Tot Ion	82	Resp	780092
Ion Ratio	Lower	Upper	
82	100		
128	34.6	32.8	49.2
54	48.5	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1953
 Delta R.T. -0.04 min
 Lab File: BM010250.D
 Acq: 26 May 2017 10:59

Tgt Ion	164	Resp	248488
Ion Ratio	Lower	Upper	
164	100		
162	106.2	82.4	123.6
160	47.1	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 173.81 ng

RT: 16.07 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

265563

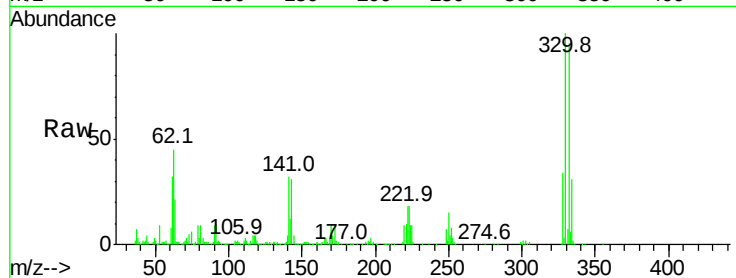
Tot Ion:330 Resp: 655960

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

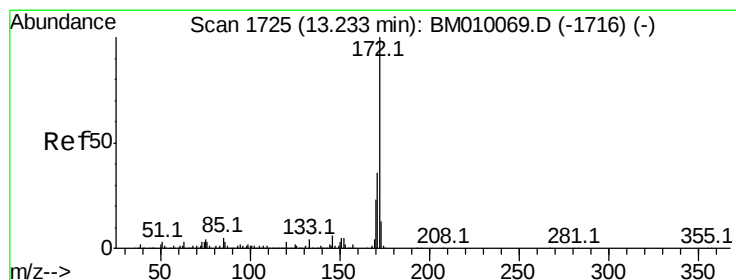
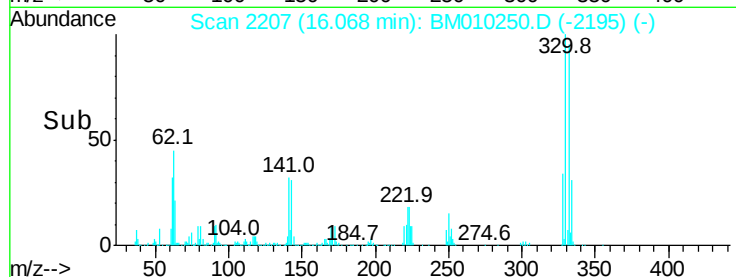
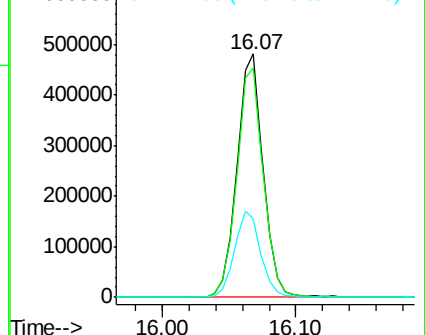
141 35.7 0.0 0.0#



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: 108.25 ng

RT: 13.19 min Scan# 1718

Delta R.T. -0.04 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

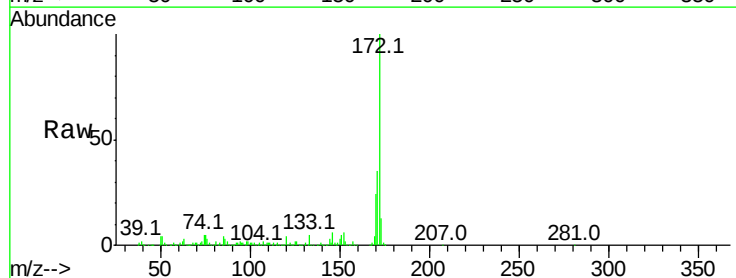
Tgt Ion:172 Resp: 2092441

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

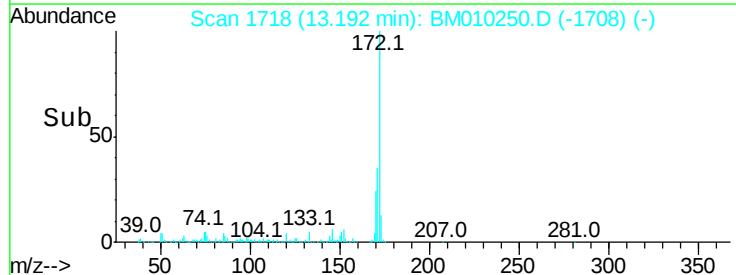
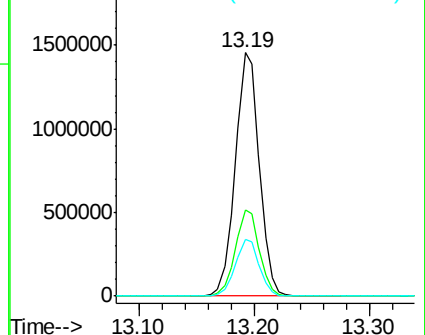
170 23.6 18.8 28.2

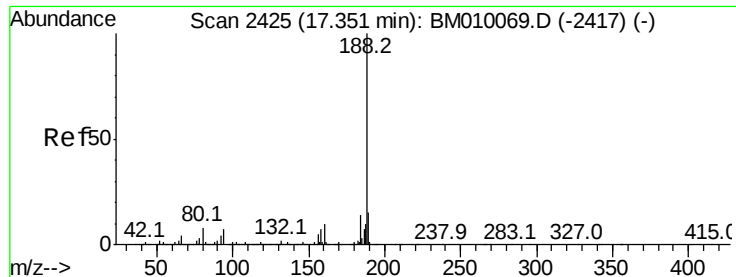


Abundance Ion 172.00 (171.70 to 172.70): E

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: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

ClientSampleId :

265563

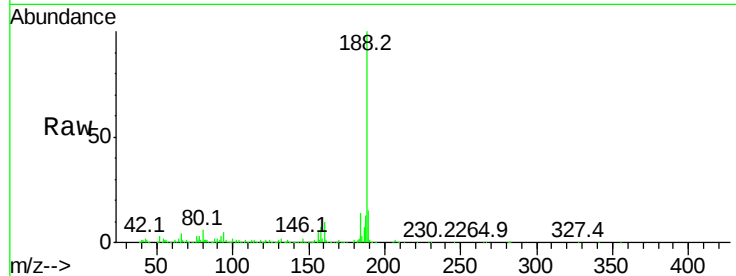
Tot Ion:188 Resp: 665162

Ion Ratio Lower Upper

188 100

94 5.0 8.7 13.1#

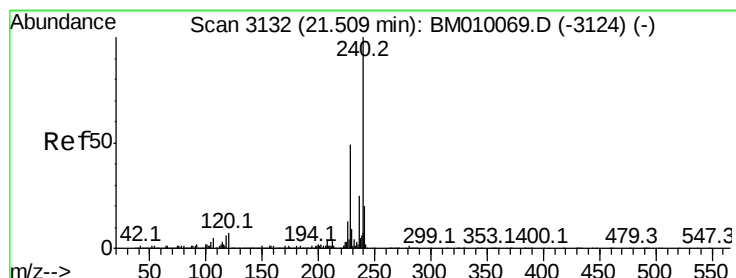
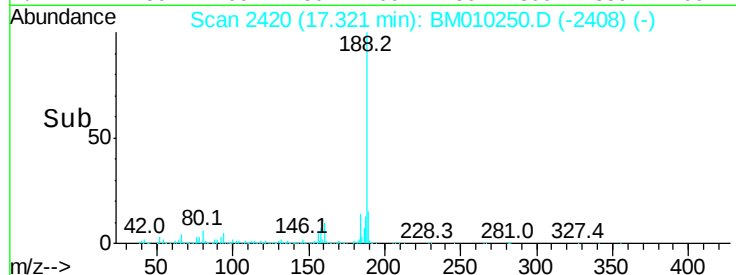
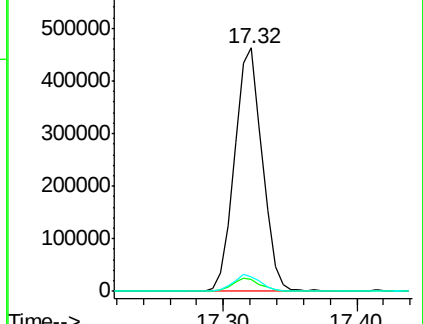
80 6.0 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

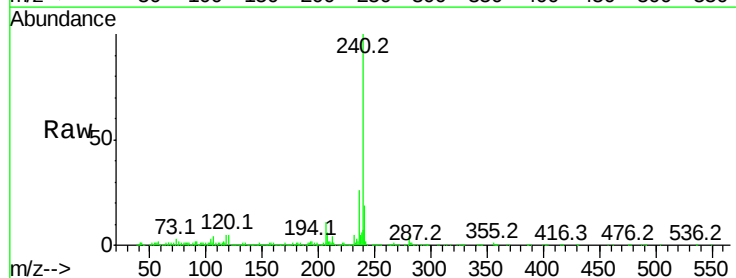
Tgt Ion:240 Resp: 1006473

Ion Ratio Lower Upper

240 100

120 4.8 8.2 12.2#

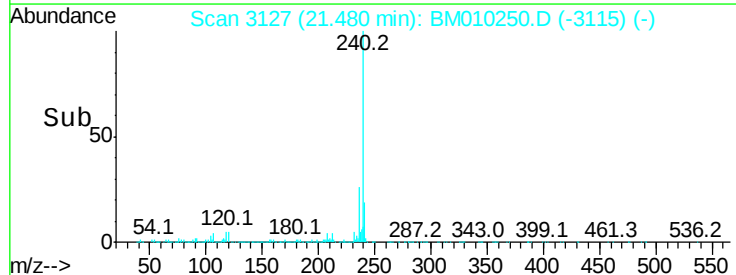
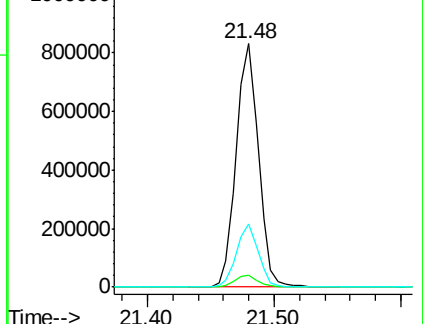
236 26.0 20.0 30.0

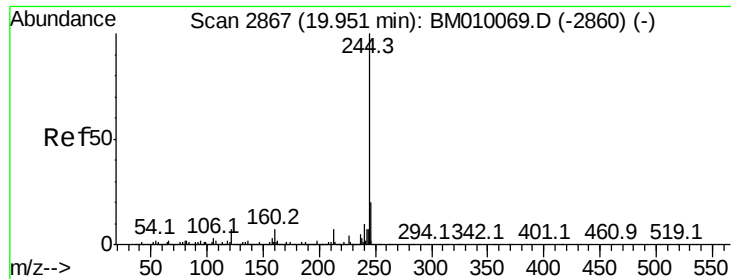


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.13 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010250.D

Acq: 26 May 2017 10:59

Instrument :

BNA_M

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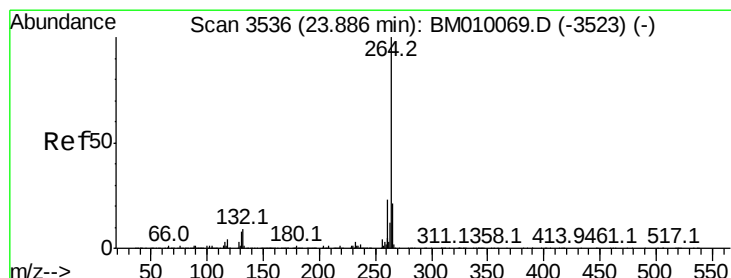
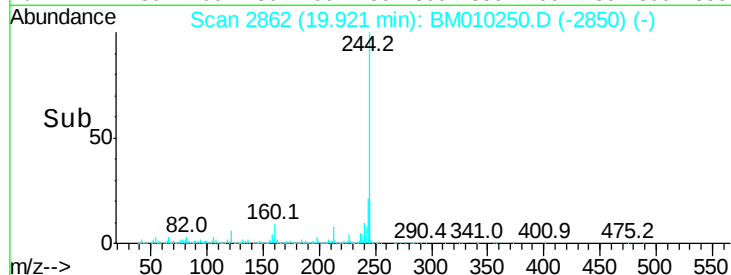
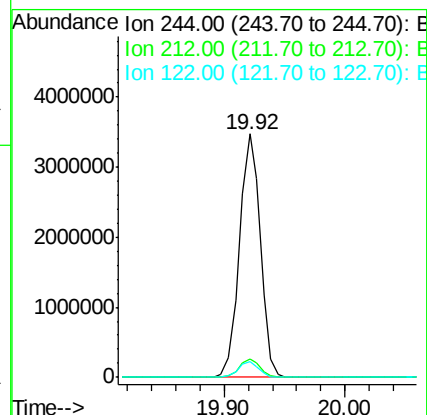
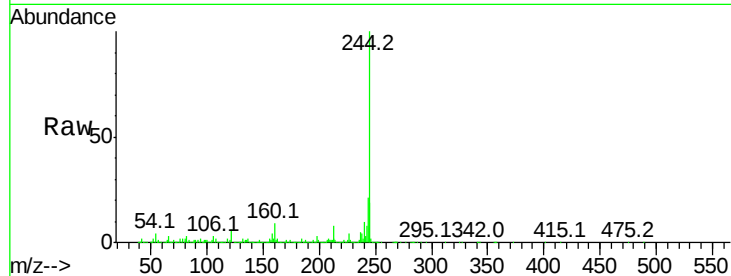
Tot Ion:244 Resp: 4210801

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

122 6.5 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: BM010250.D

Acq: 26 May 2017 10:59

Tgt Ion:264 Resp: 1114351

Ion Ratio Lower Upper

264 100

260 24.5 18.6 27.8

265 22.1 17.3 25.9

