

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010148.D
 Acq On : 23 May 2017 18:53
 Operator : SJ/MA
 Sample : I3245-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7

Quant Time: May 24 05:39:53 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	133003	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	462617	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	312603	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	807277	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1207175	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1350442	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	485964	65.98	ng	-0.02
7) Phenol-d6	7.14	99	357206	37.69	ng	-0.03
23) Nitrobenzene-d5	9.15	82	965039	112.55	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	772414	162.69	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2523720	103.79	ng	-0.02
78) Terphenyl-d14	19.93	244	4655876	87.70	ng	-0.02

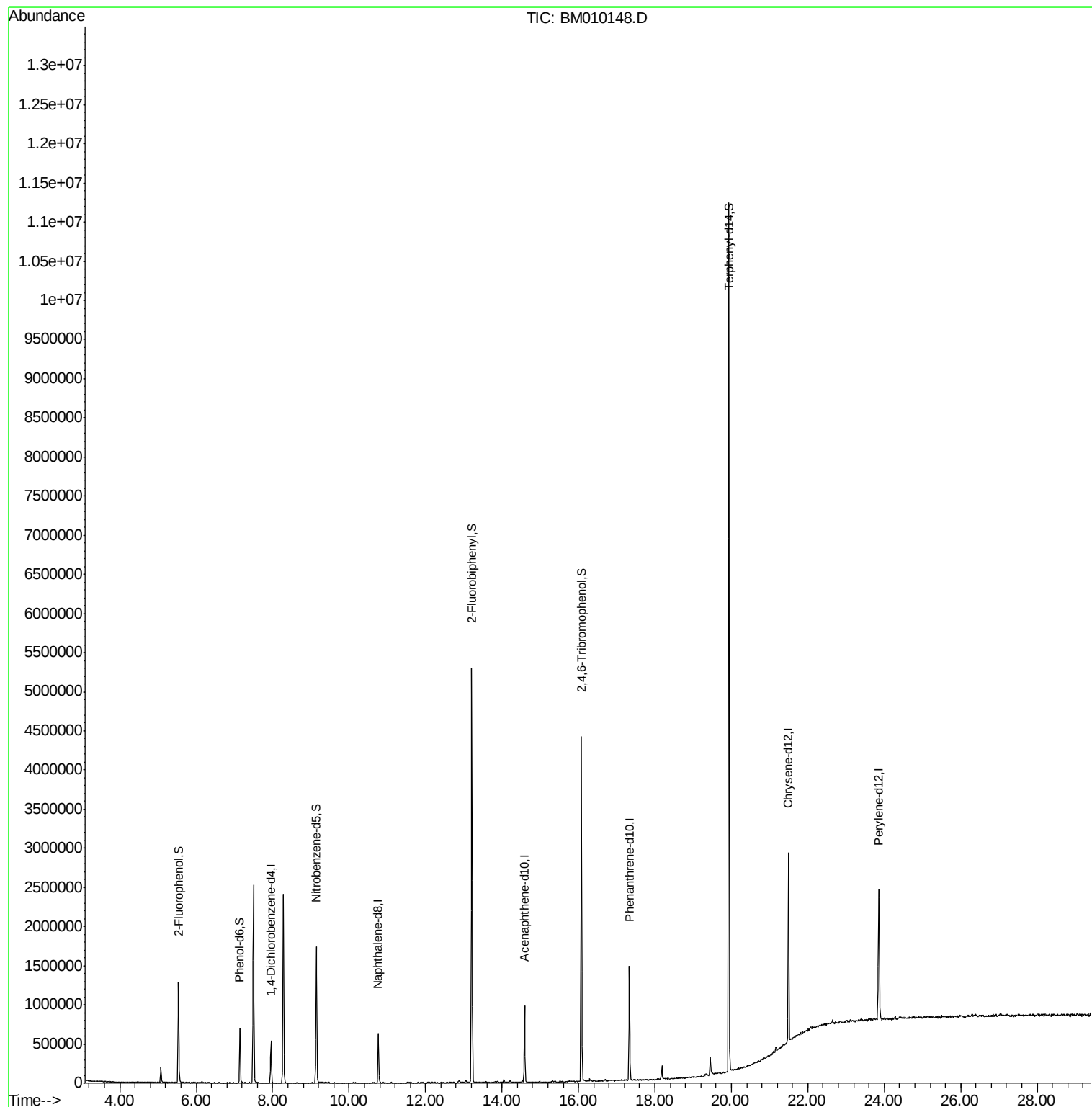
Target Compounds	Qvalue
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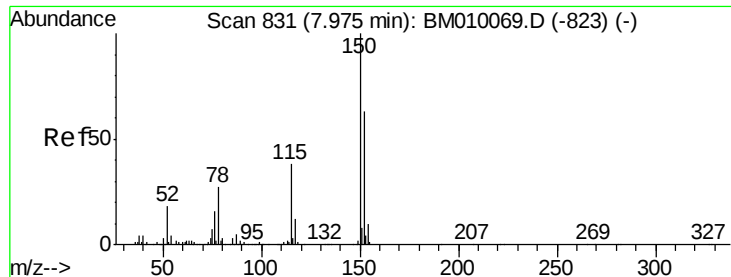
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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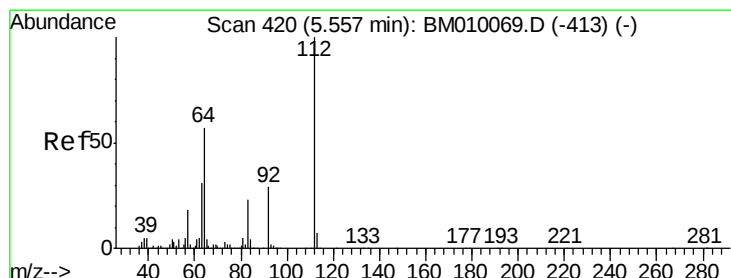
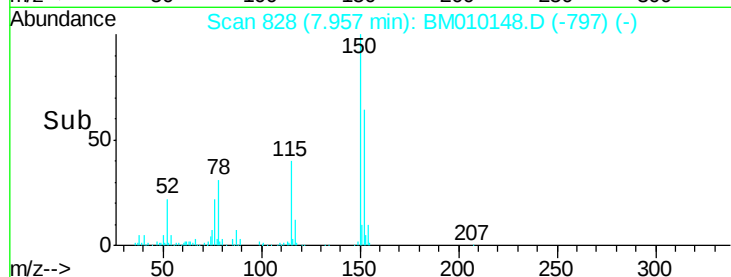
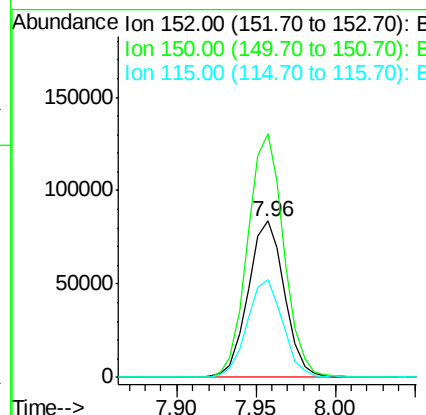
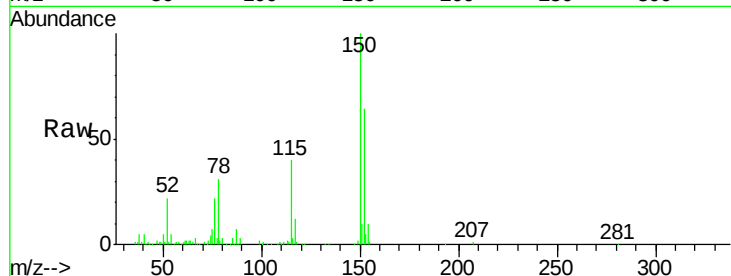


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BM010148.D
Acq: 23 May 2017 18:53

Instrument :
BNA_M
ClientSampleId :
GMW-7

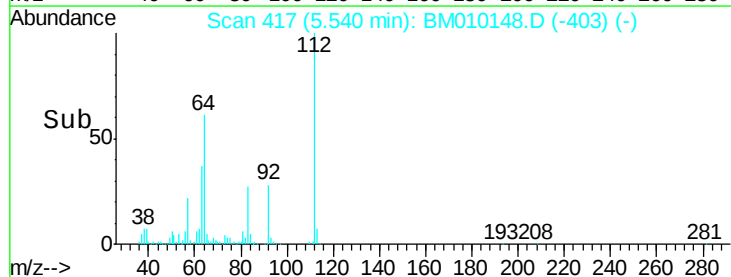
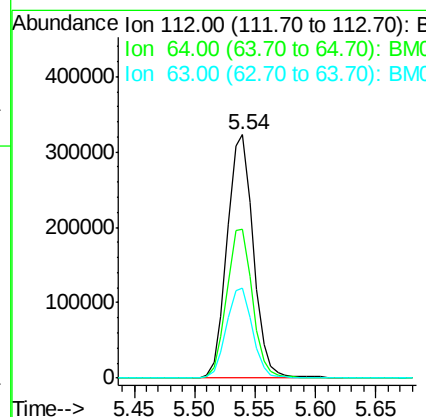
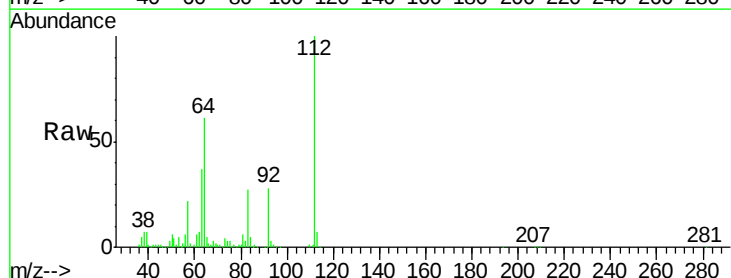
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	119.5	179.3
115	62.8	43.0	64.4

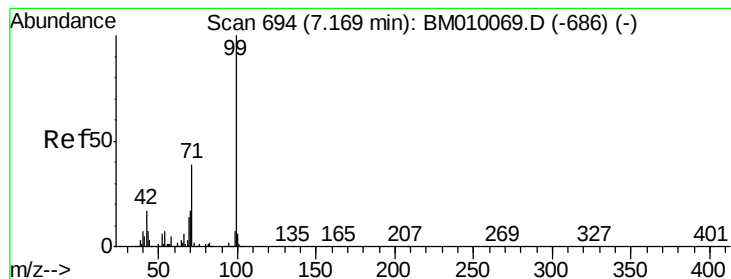


#5

2-Fluorophenol
Concen: 65.98 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.02 min
Lab File: BM010148.D
Acq: 23 May 2017 18:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	38.6	57.8#
63	37.2	19.3	28.9#





#7

Phenol-d6

Concen: 37.69 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010148.D

Acq: 23 May 2017 18:53

Instrument :

BNA_M

ClientSampleId :

GMW-7

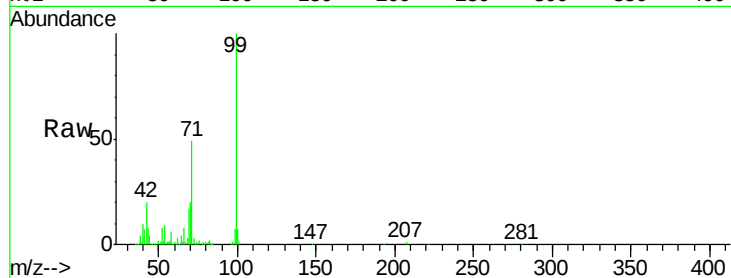
Tgt Ion: 99 Resp: 357206

Ion Ratio Lower Upper

99 100

42 19.8 11.0 16.4#

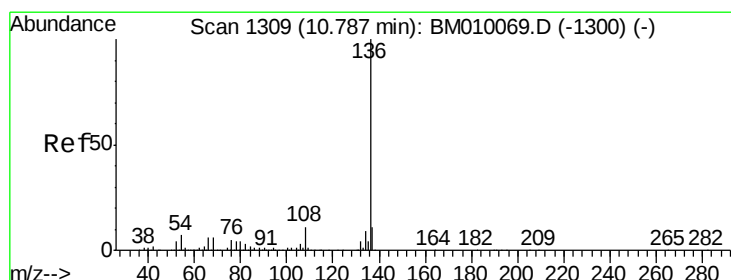
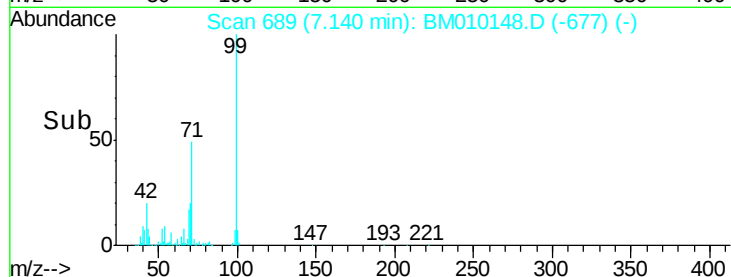
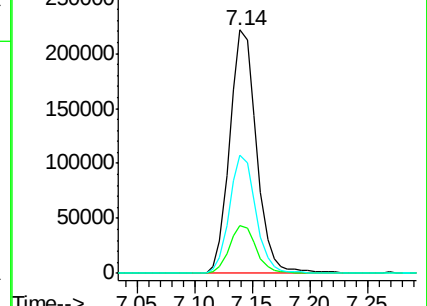
71 48.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010148.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010148.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010148.D (-677) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010148.D

Acq: 23 May 2017 18:53

Tgt Ion: 136 Resp: 462617

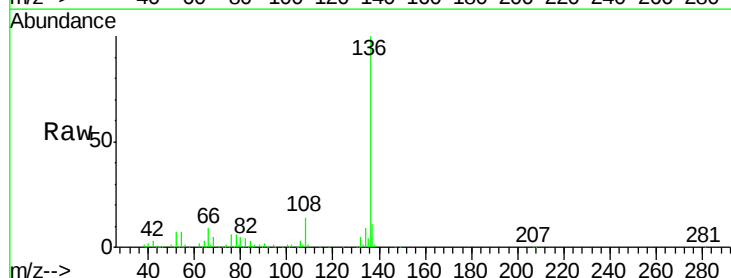
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 6.8 4.6 6.8

68 5.1 3.7 5.5

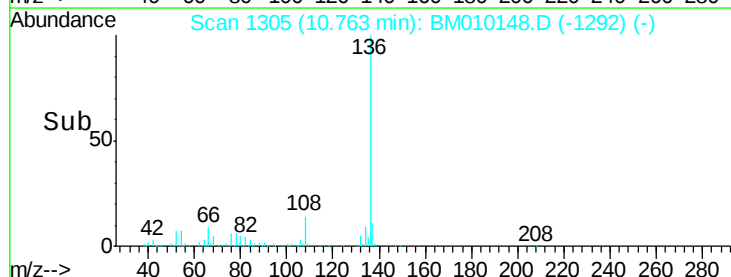
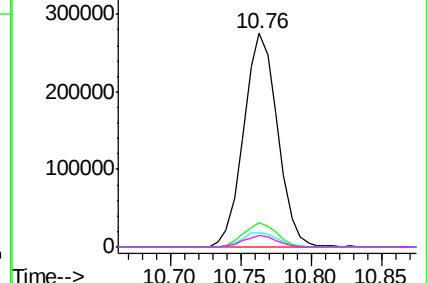


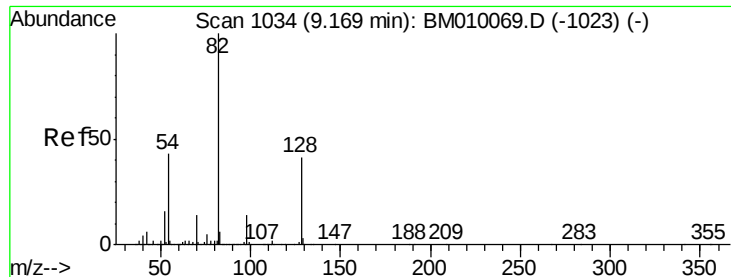
Abundance Ion 136.00 (135.70 to 136.70): BM010148.D (-1292) (-)

Ion 137.00 (136.70 to 137.70): BM010148.D (-1292) (-)

Ion 54.00 (53.70 to 54.70): BM010148.D (-1292) (-)

Ion 68.00 (67.70 to 68.70): BM010148.D (-1292) (-)

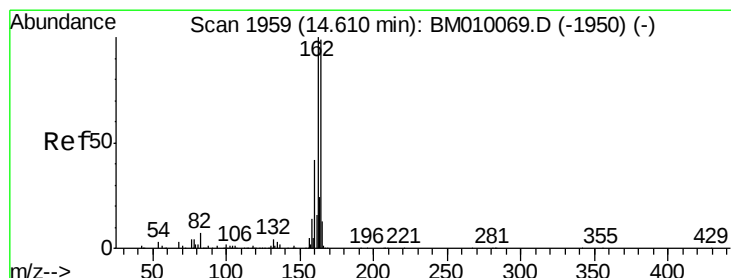
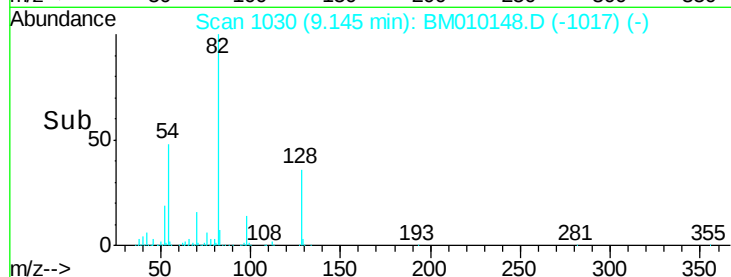
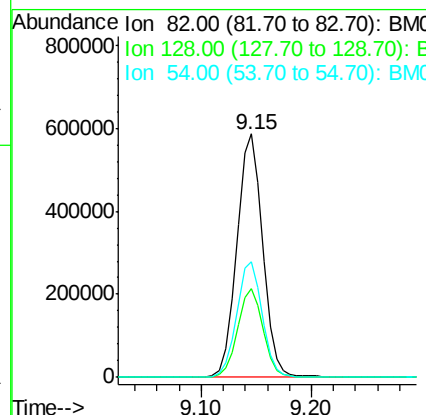
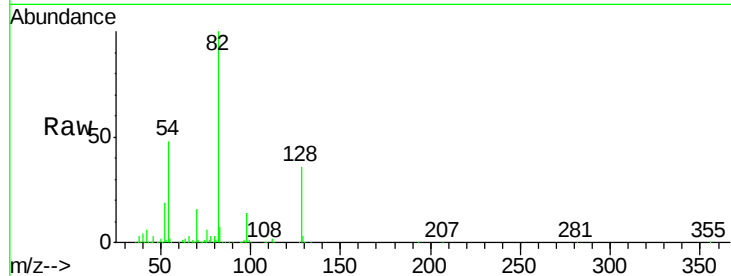




#23
 Nitrobenzene-d5
 Concen: 112.55 ng
 RT: 9.15 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BM010148.D
 Acq: 23 May 2017 18:53

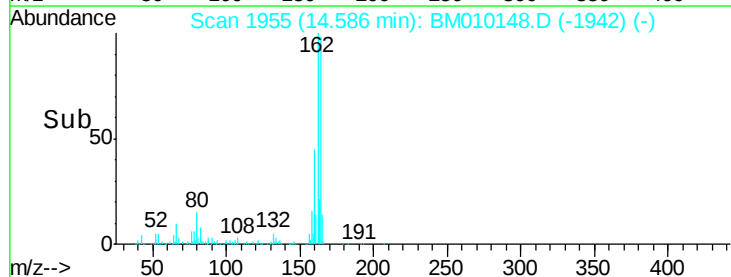
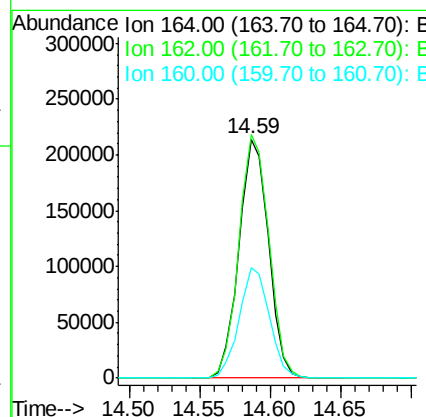
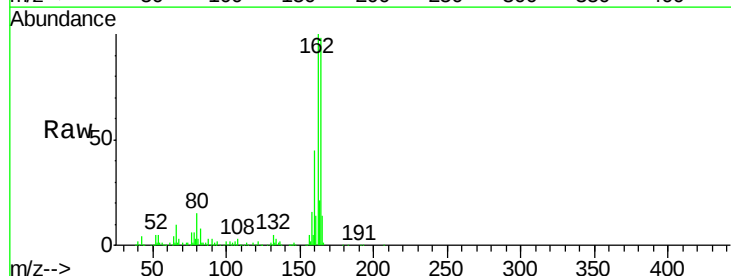
Instrument :
 BNA_M
 ClientSampleId :
 GMW-7

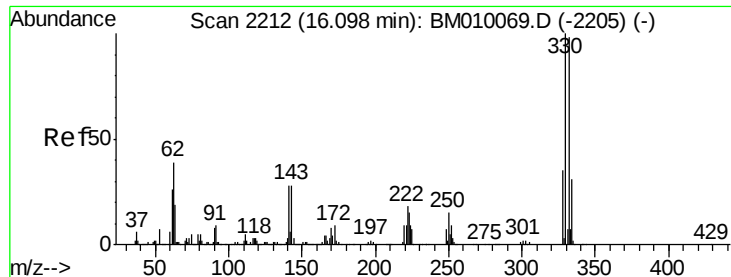
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	32.8	49.2
54	47.7	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010148.D
 Acq: 23 May 2017 18:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	46.1	35.8	53.6

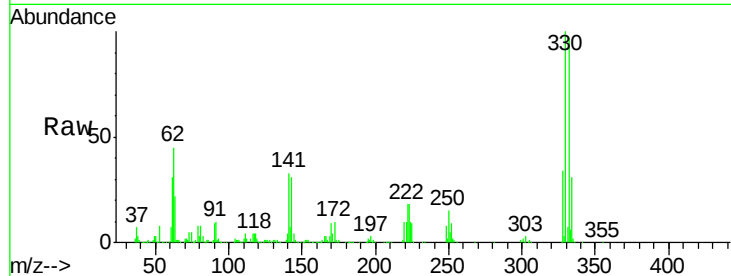




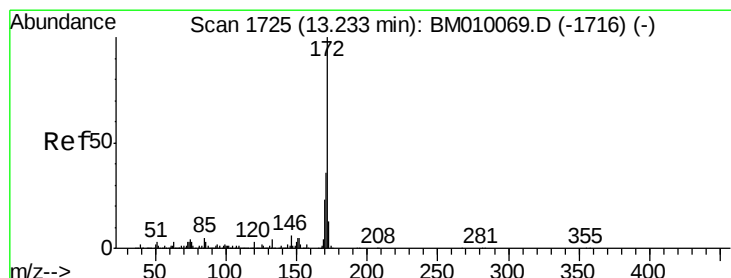
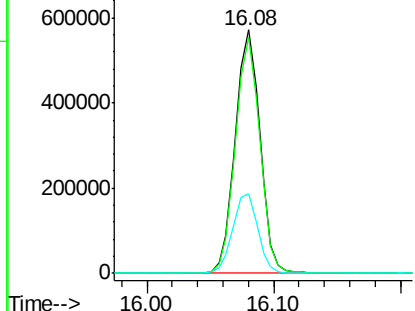
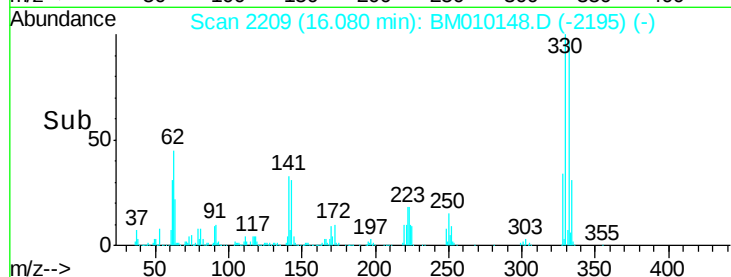
#41
 2,4,6-Tribromophenol
 Concen: 162.69 ng
 RT: 16.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BM010148.D
 Acq: 23 May 2017 18:53

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	33.2	0.0	0.0#

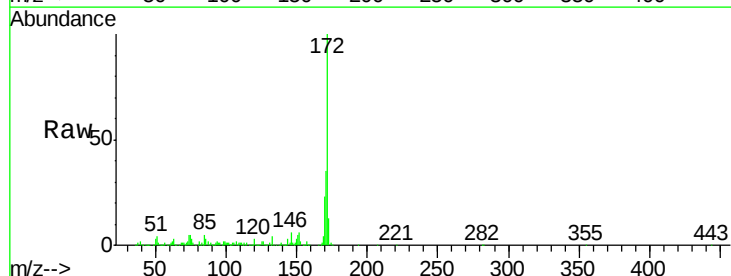


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

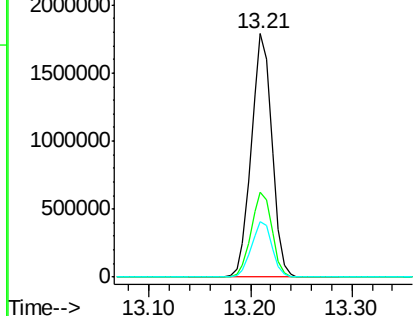
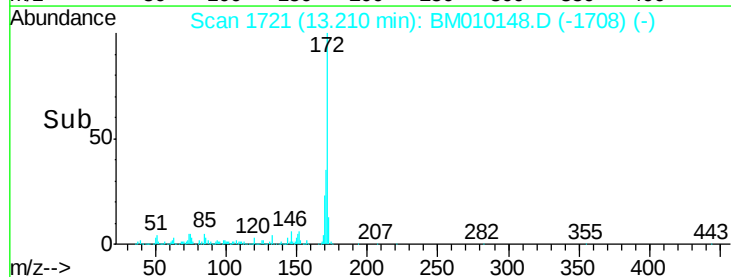


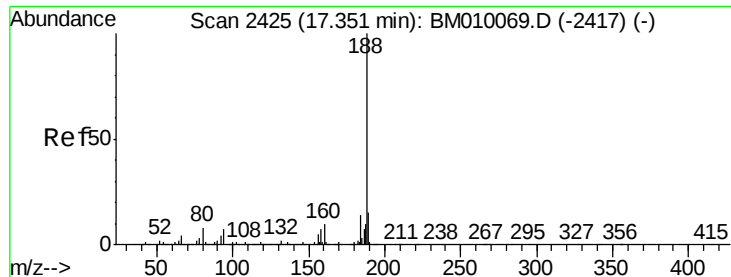
#44
 2-Fluorobiphenyl
 Concen: 103.79 ng
 RT: 13.21 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BM010148.D
 Acq: 23 May 2017 18:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.0	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: 17.33 min Scan# 2422

Delta R.T. -0.02 min

Lab File: BM010148.D

Acq: 23 May 2017 18:53

Instrument :

BNA_M

ClientSampleId :

GMW-7

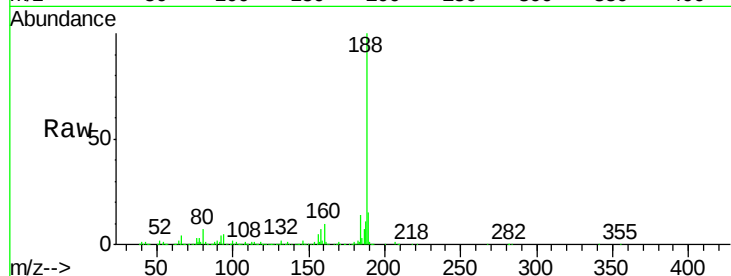
Tgt Ion:188 Resp: 807277

Ion Ratio Lower Upper

188 100

94 4.9 8.7 13.1#

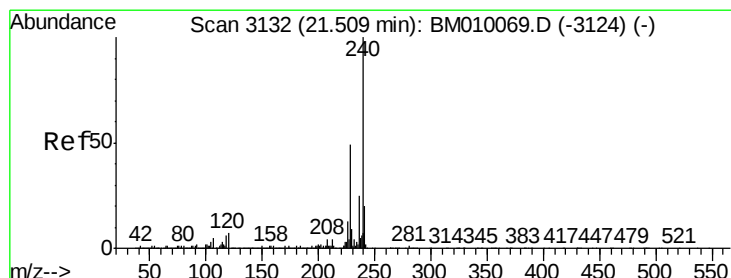
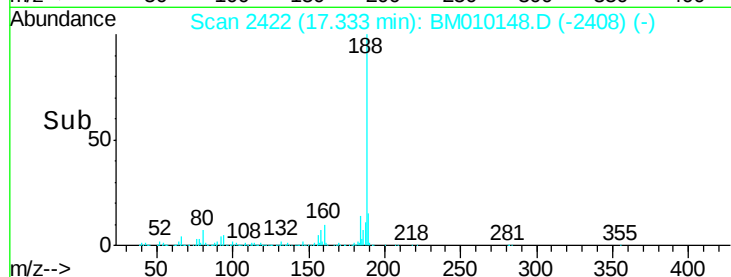
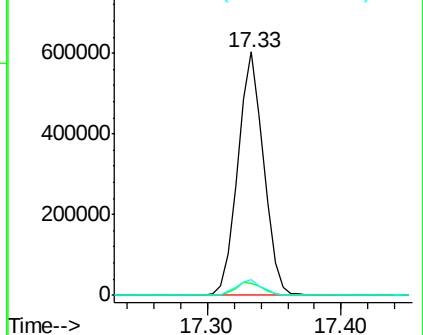
80 6.7 9.3 13.9#



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: BM010148.D

Acq: 23 May 2017 18:53

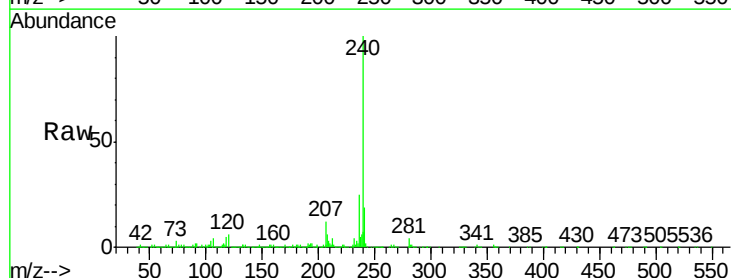
Tgt Ion:240 Resp: 1207175

Ion Ratio Lower Upper

240 100

120 5.6 8.2 12.2#

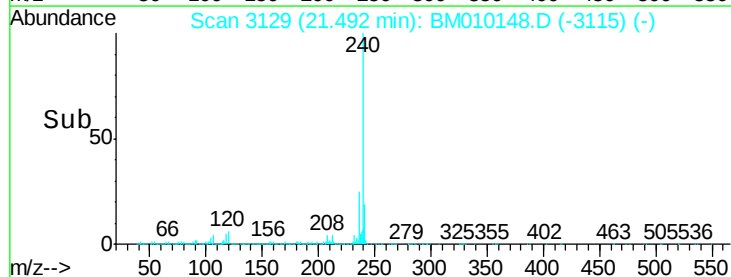
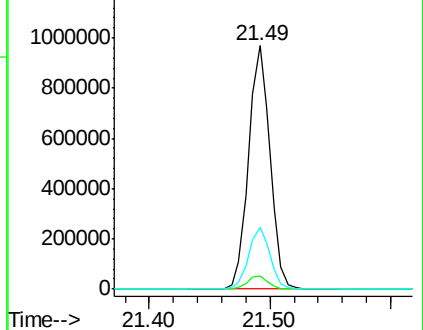
236 25.4 20.0 30.0

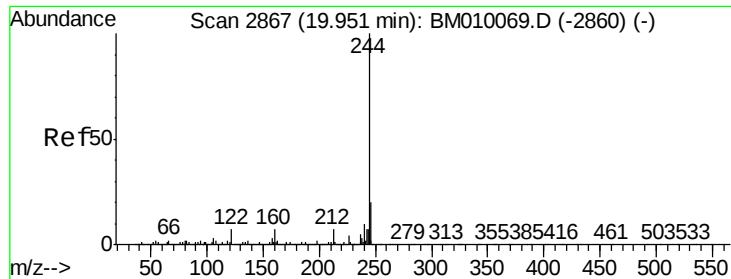


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

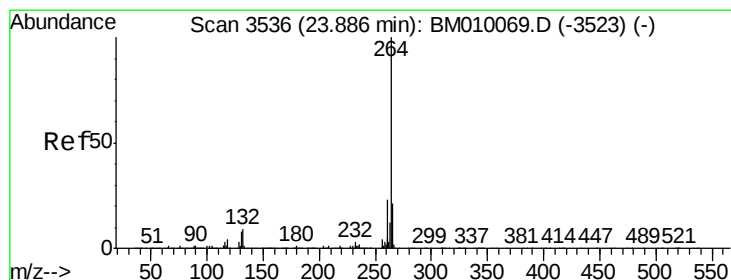
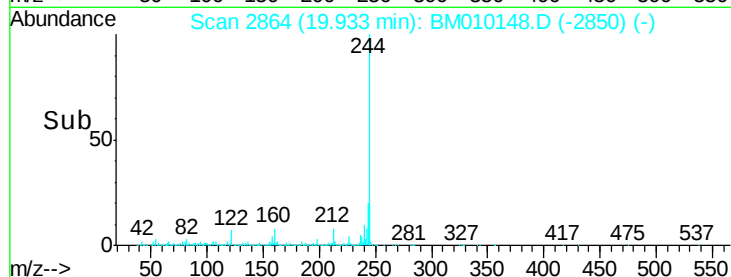
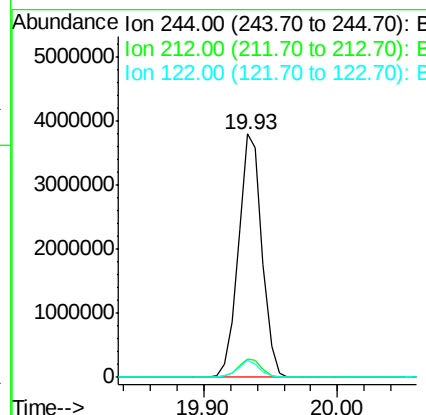
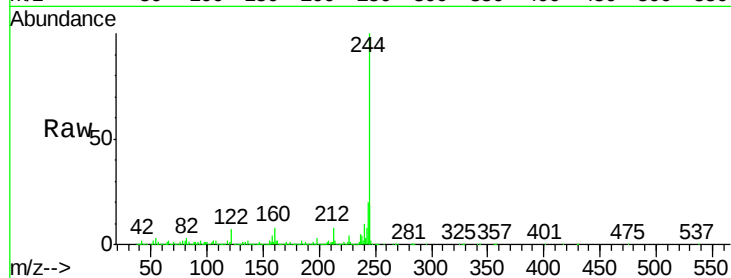




#78
 Terphenyl-d14
 Concen: 87.70 ng
 RT: 19.93 min Scan# 2864
 Delta R.T. -0.02 min
 Lab File: BM010148.D
 Acq: 23 May 2017 18:53

Instrument :
 BNA_M
 ClientSampleId :
 GMW-7

Tgt Ion:244 Resp: 4655876
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.9 7.3#
 122 6.8 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.86 min Scan# 3531
 Delta R.T. -0.03 min
 Lab File: BM010148.D
 Acq: 23 May 2017 18:53

Tgt Ion:264 Resp: 1350442
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 22.3 17.3 25.9

