

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
 Data File : BM010217.D
 Acq On : 25 May 2017 15:08
 Operator : SJ/MA
 Sample : I3317-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104

Quant Time: May 26 05:49:25 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	125077	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	422548	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	270817	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	655514	20.00	ng	-0.03
75) Chrysene-d12	21.48	240	923412	20.00	ng	-0.03
86) Perylene-d12	23.84	264	1054738	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	433087	62.53	ng	-0.03
7) Phenol-d6	7.13	99	314023	35.23	ng	-0.04
23) Nitrobenzene-d5	9.13	82	923439	117.91	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	619198	150.54	ng	-0.03
44) 2-Fluorobiphenyl	13.20	172	2400766	113.96	ng	-0.04
78) Terphenyl-d14	19.93	244	3675854	90.51	ng	-0.02

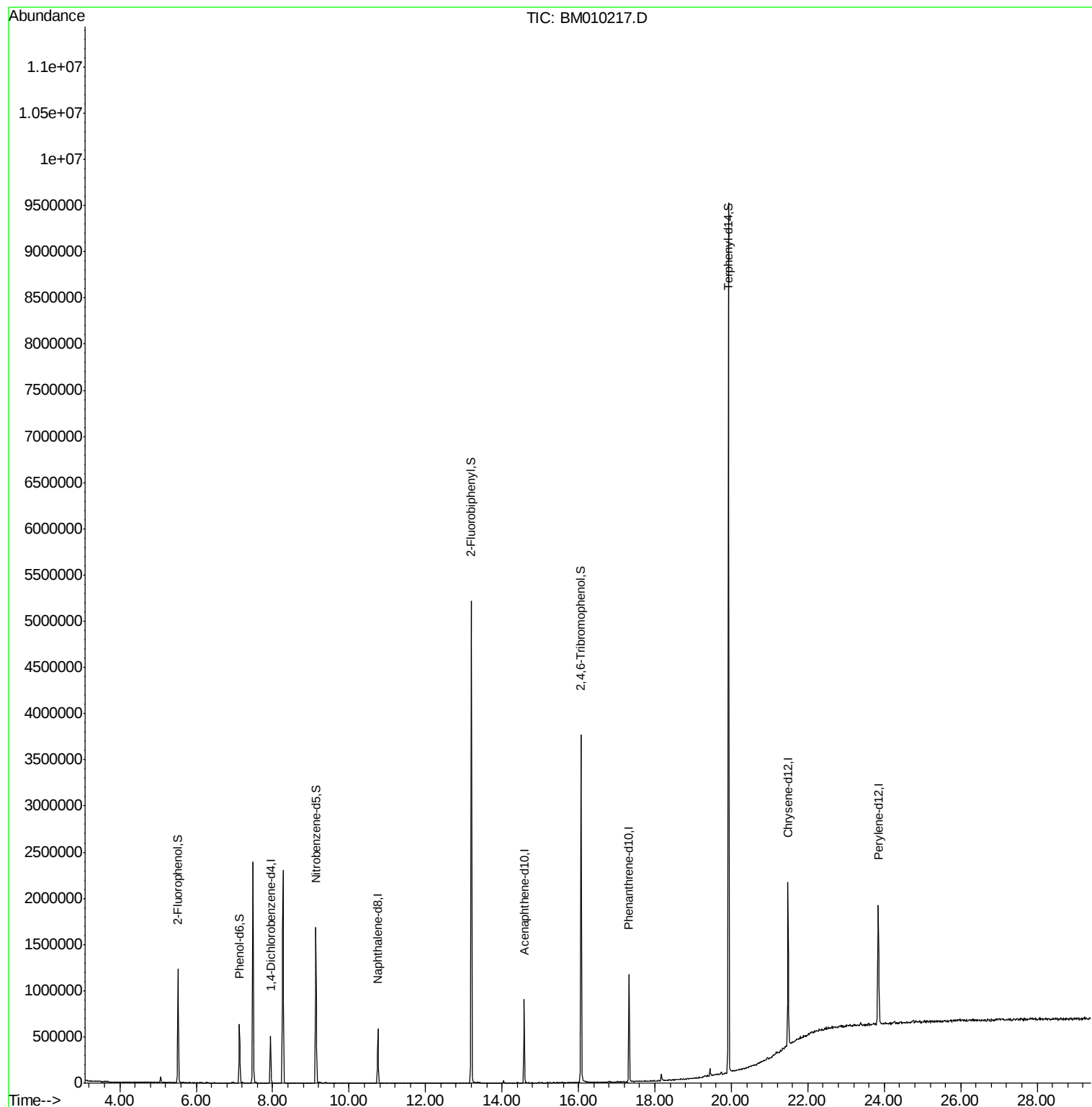
Target Compounds	Qvalue
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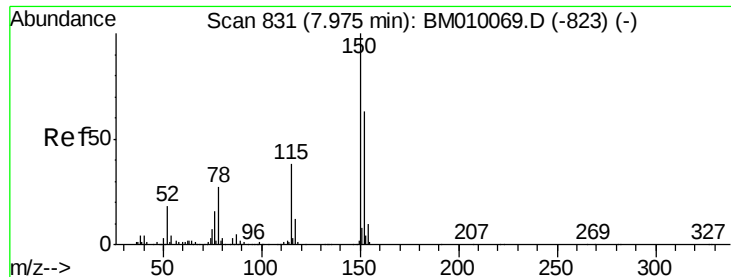
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.03 min

Lab File: BM010217.D

Acq: 25 May 2017 15:08

Instrument :

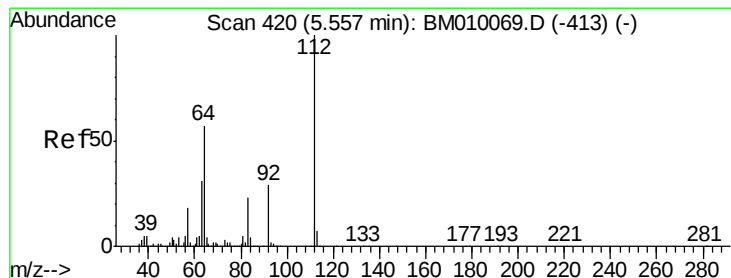
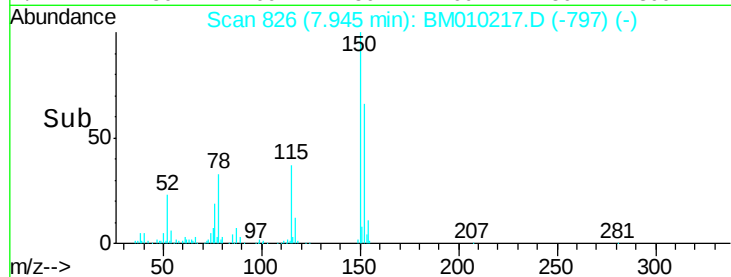
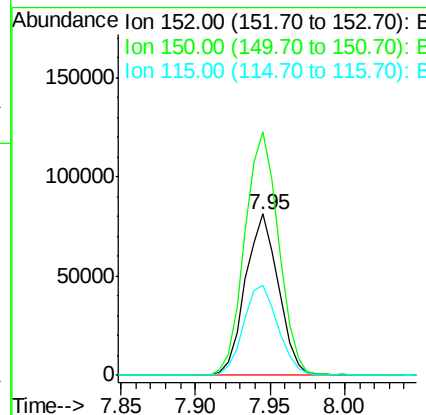
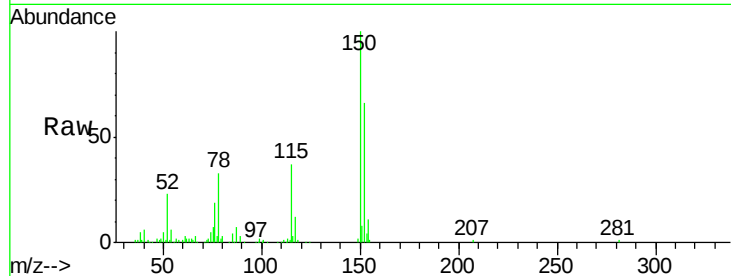
BNA_M

ClientSampleId :

RAV-GT-104

Tgt Ion:152 Resp: 125077

Ion	Ratio	Lower	Upper
152	100		
150	151.0	119.5	179.3
115	55.4	43.0	64.4



#5

2-Fluorophenol

Concen: 62.53 ng

RT: 5.53 min Scan# 415

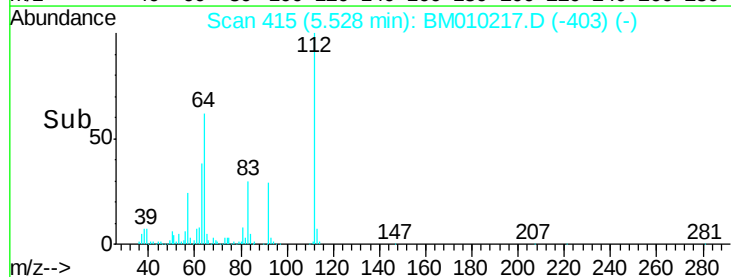
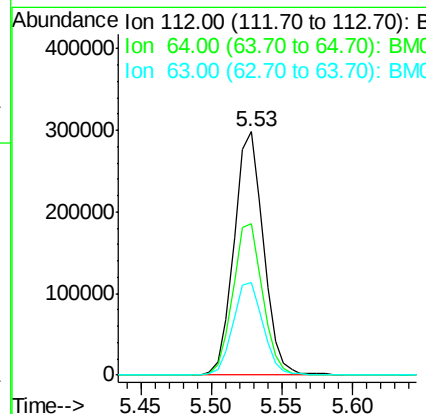
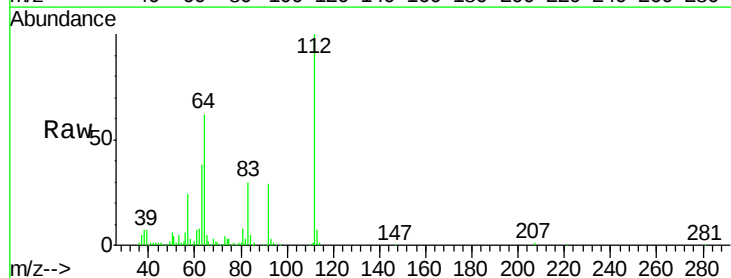
Delta R.T. -0.03 min

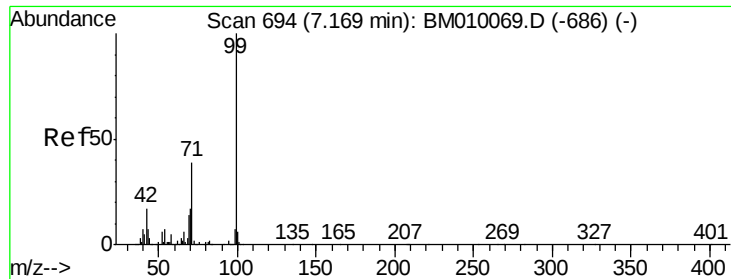
Lab File: BM010217.D

Acq: 25 May 2017 15:08

Tgt Ion:112 Resp: 433087

Ion	Ratio	Lower	Upper
112	100		
64	62.2	38.6	57.8#
63	37.8	19.3	28.9#





#7

Phenol-d6

Concen: 35.23 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010217.D

Acq: 25 May 2017 15:08

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104

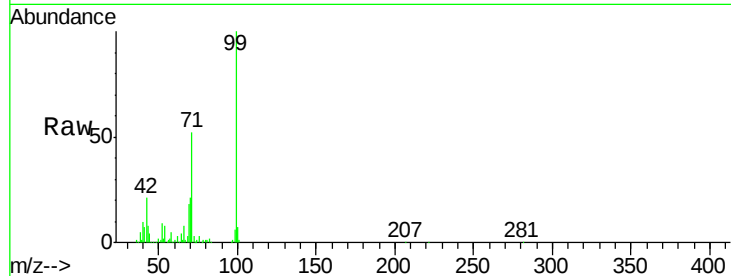
Tgt Ion: 99 Resp: 314023

Ion Ratio Lower Upper

99 100

42 21.5 11.0 16.4#

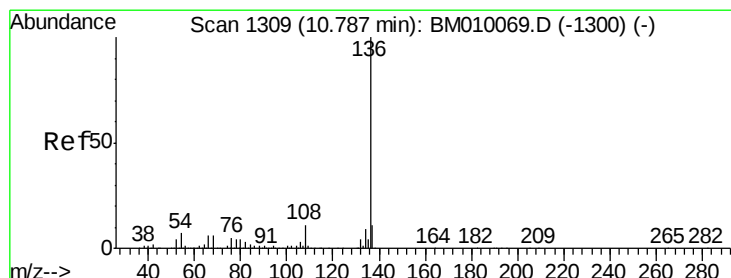
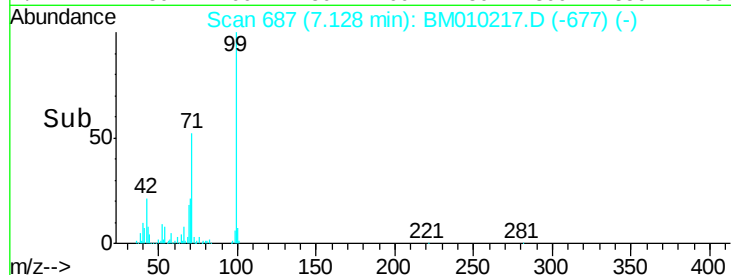
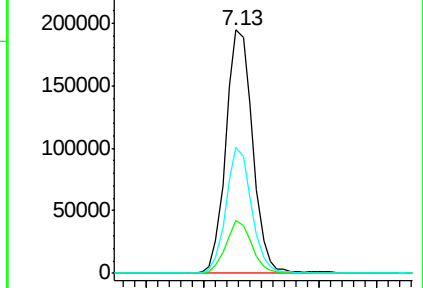
71 51.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010217.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010217.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010217.D (-677) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BM010217.D

Acq: 25 May 2017 15:08

Tgt Ion: 136 Resp: 422548

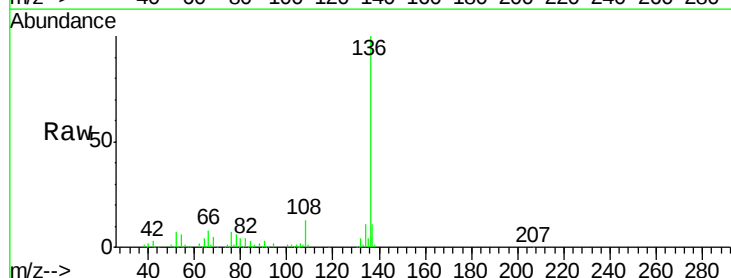
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.5 4.6 6.8

68 5.0 3.7 5.5

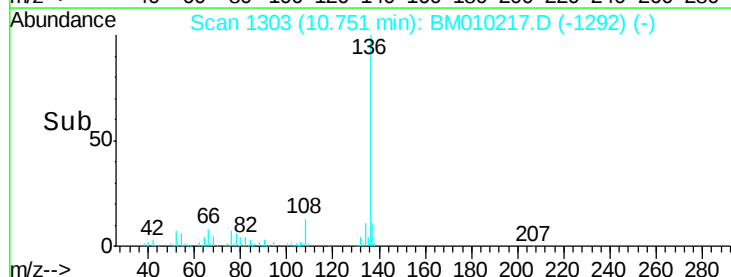
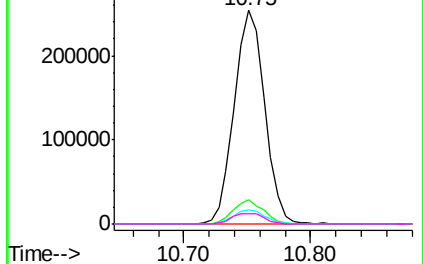


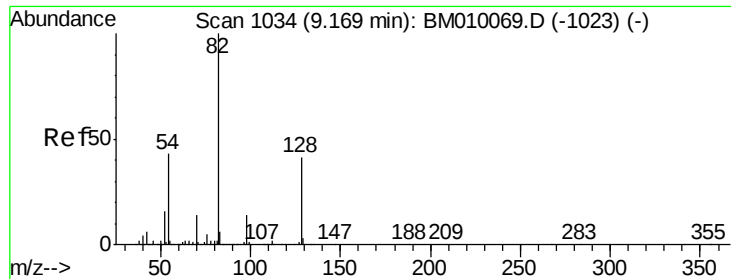
Abundance Ion 136.00 (135.70 to 136.70): BM010217.D (-1292) (-)

Ion 137.00 (136.70 to 137.70): BM010217.D (-1292) (-)

Ion 54.00 (53.70 to 54.70): BM010217.D (-1292) (-)

Ion 68.00 (67.70 to 68.70): BM010217.D (-1292) (-)

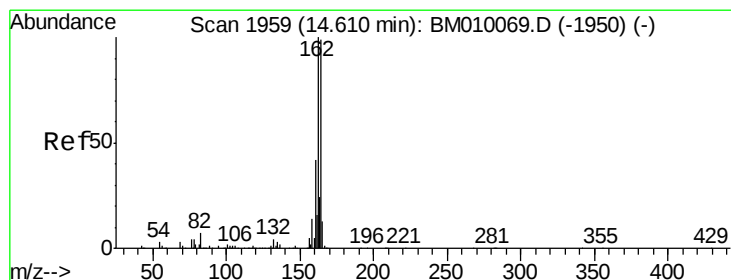
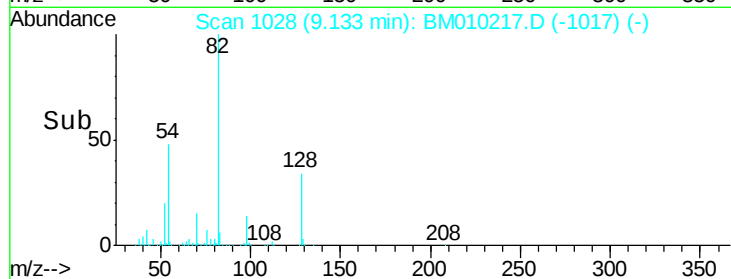
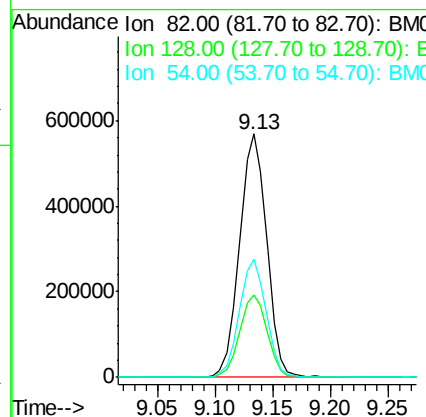
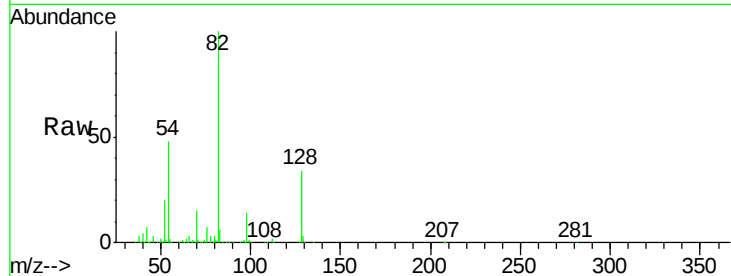




#23
 Nitrobenzene-d5
 Concen: 117.91 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010217.D
 Acq: 25 May 2017 15:08

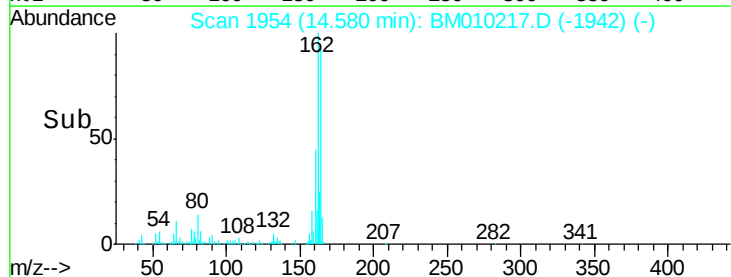
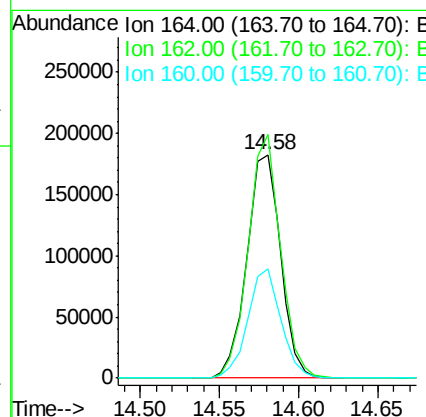
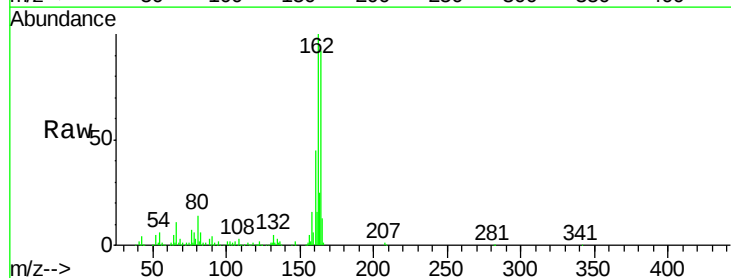
Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104

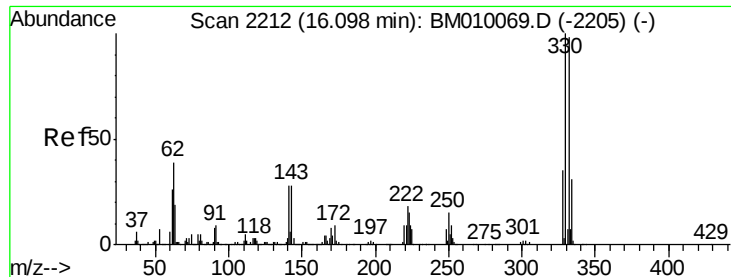
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.0	32.8	49.2
54	48.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010217.D
 Acq: 25 May 2017 15:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.0	82.4	123.6
160	48.9	35.8	53.6

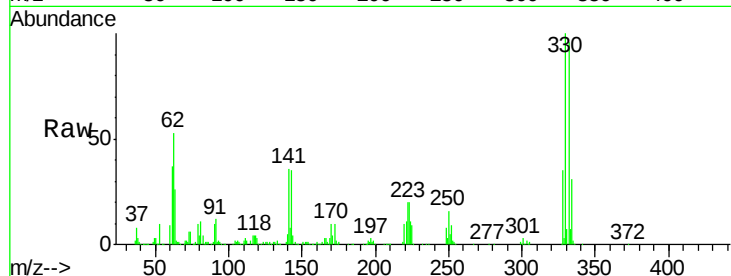




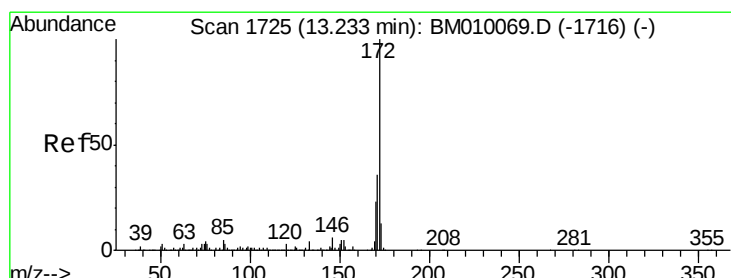
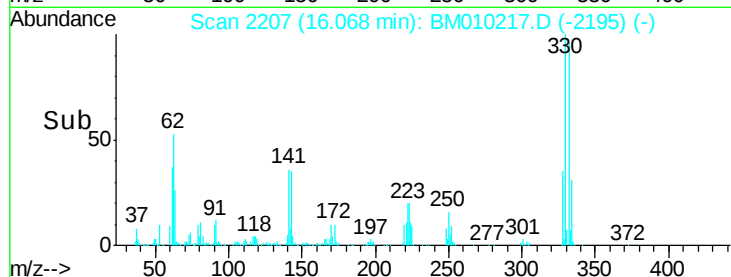
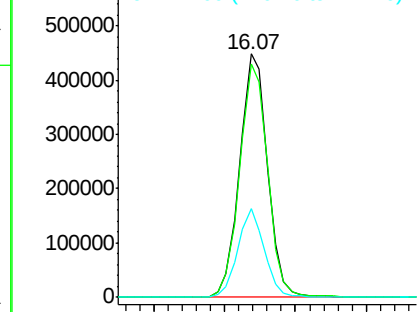
#41
 2,4,6-Tribromophenol
 Concen: 150.54 ng
 RT: 16.07 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BM010217.D
 Acq: 25 May 2017 15:08

Instrument :
 BNA_M
 ClientSampleId :
 RAV-GT-104

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	34.5	0.0	0.0#

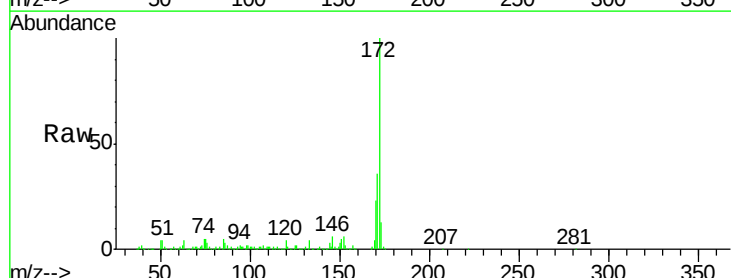


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

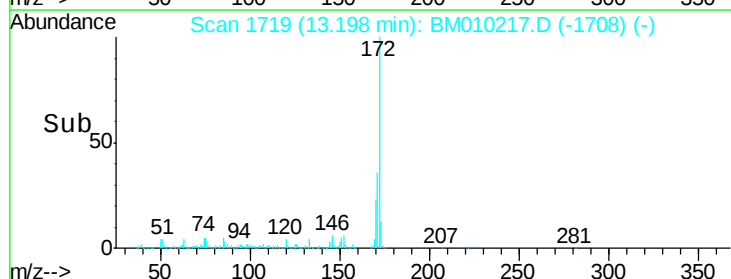
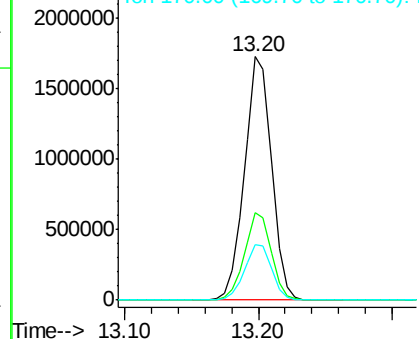


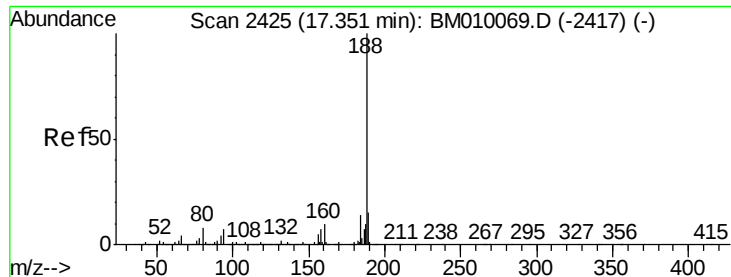
#44
 2-Fluorobiphenyl
 Concen: 113.96 ng
 RT: 13.20 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BM010217.D
 Acq: 25 May 2017 15:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	22.9	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: BM010217.D

Acq: 25 May 2017 15:08

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104

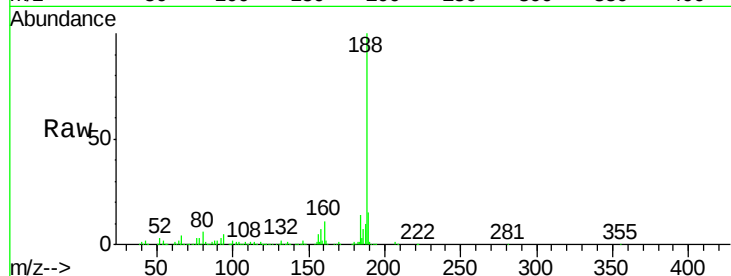
Tgt Ion:188 Resp: 655514

Ion Ratio Lower Upper

188 100

94 5.4 8.7 13.1#

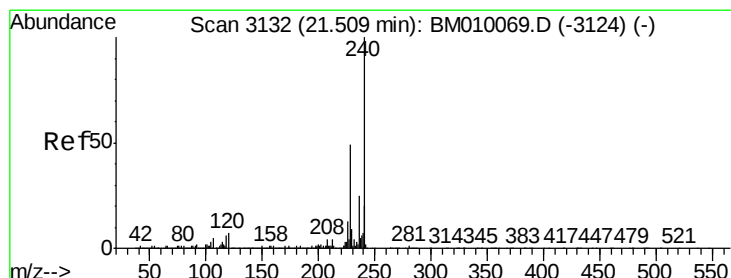
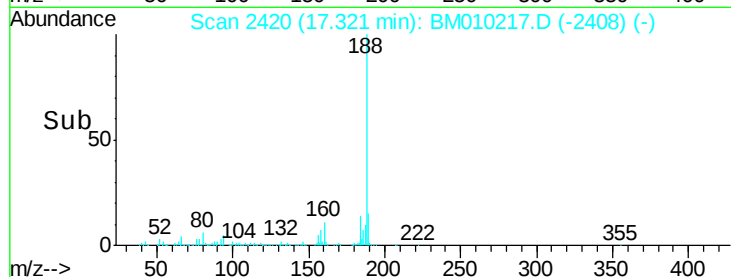
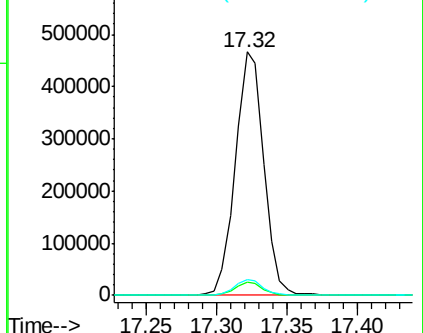
80 6.4 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BM010217.D

Acq: 25 May 2017 15:08

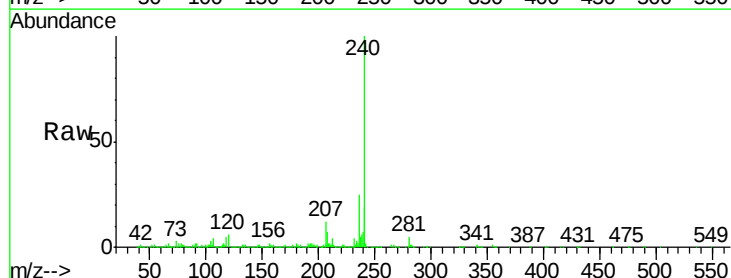
Tgt Ion:240 Resp: 923412

Ion Ratio Lower Upper

240 100

120 5.5 8.2 12.2#

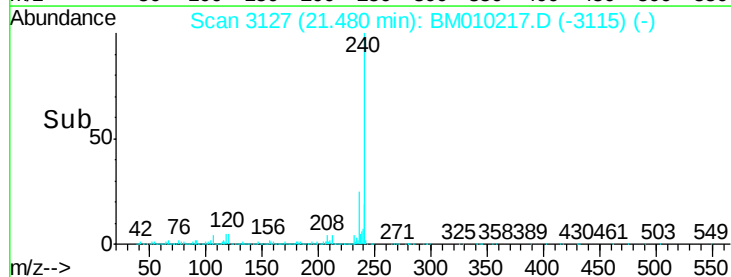
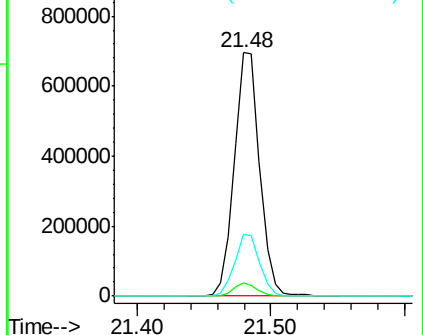
236 25.3 20.0 30.0

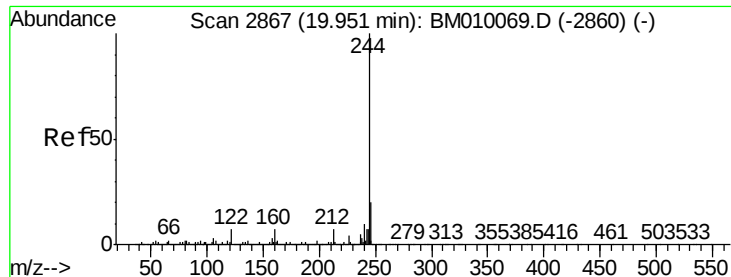


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.51 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010217.D

Acq: 25 May 2017 15:08

Instrument :

BNA_M

ClientSampleId :

RAV-GT-104

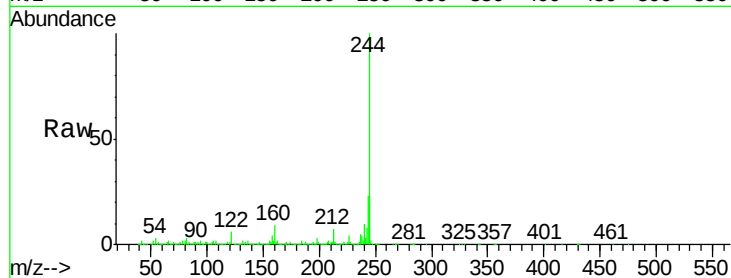
Tgt Ion:244 Resp: 3675854

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

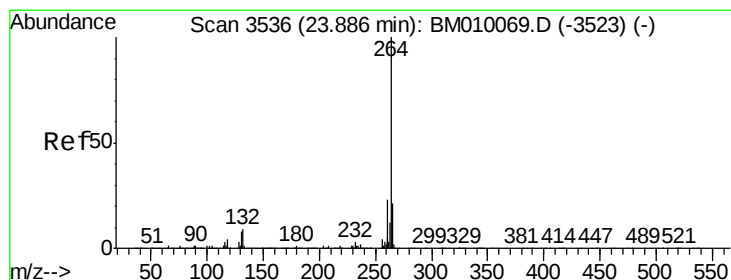
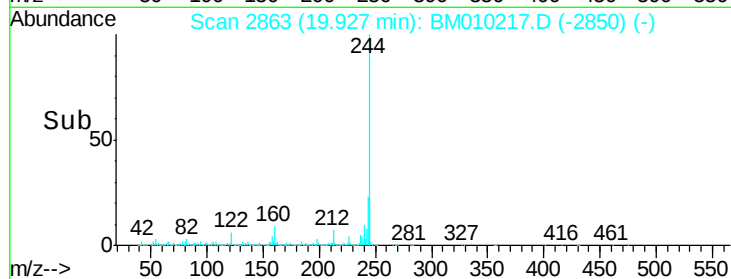
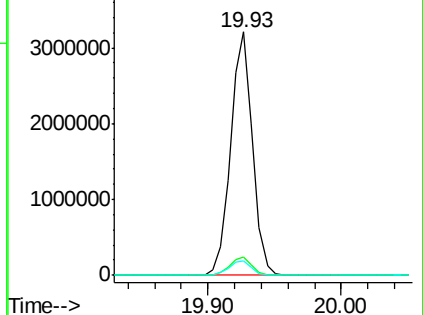
122 5.8 6.2 9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.84 min Scan# 3528

Delta R.T. -0.05 min

Lab File: BM010217.D

Acq: 25 May 2017 15:08

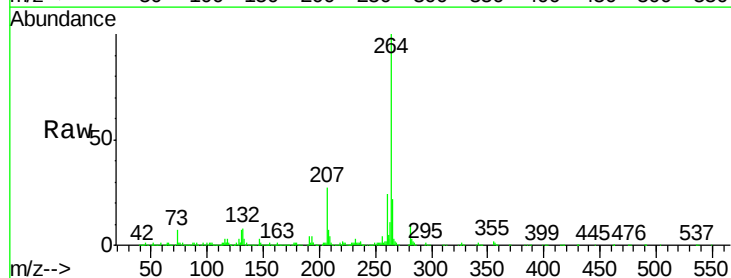
Tgt Ion:264 Resp: 1054738

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.8 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

