

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010086.D
 Acq On : 20 May 2017 01:26
 Operator : SJ/MA
 Sample : I3202-22
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-8COMP

Quant Time: May 20 04:49:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 14:14:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	179028	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	598232	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	360410	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	843922	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1239388	20.00	ng	0.00
86) Perylene-d12	23.87	264	1138599	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1434497	144.70	ng	0.00
7) Phenol-d6	7.16	99	1598957	125.34	ng	0.00
23) Nitrobenzene-d5	9.16	82	1176301	106.08	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	836478	152.81	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	2988462	106.60	ng	-0.01
78) Terphenyl-d14	19.94	244	4970335	91.19	ng	0.00

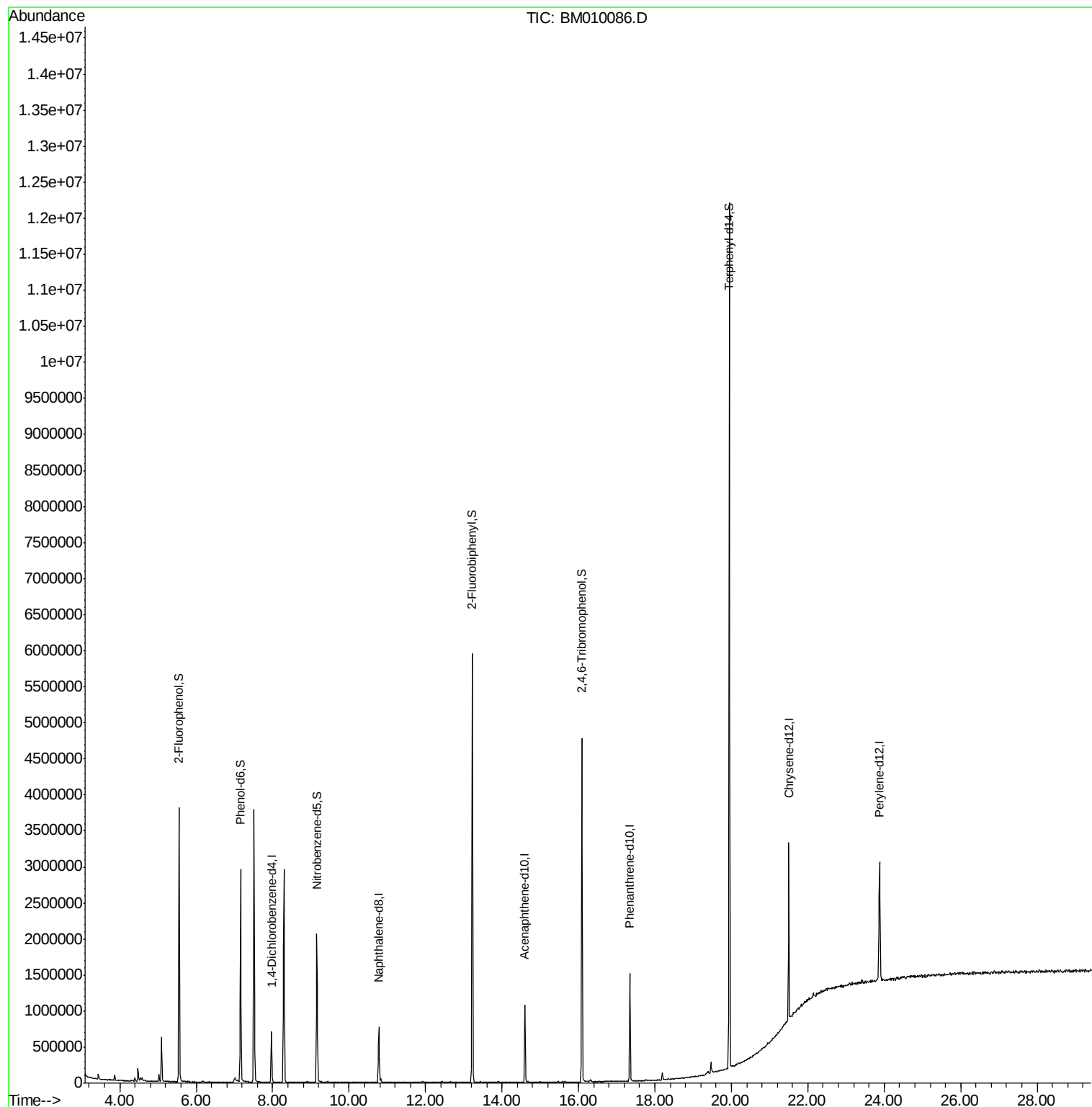
Target Compounds Qvalue

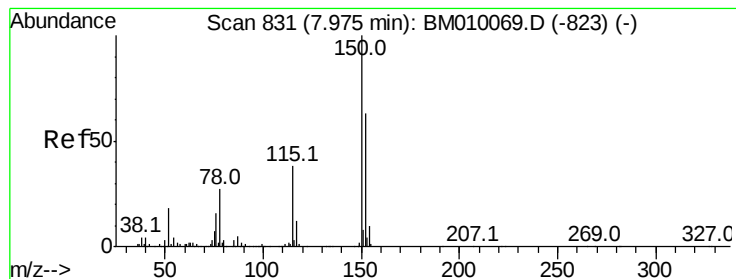
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BM010086.D

Acq: 20 May 2017 01:26

Instrument :

BNA_M

ClientSampleId :

SB-8COMP

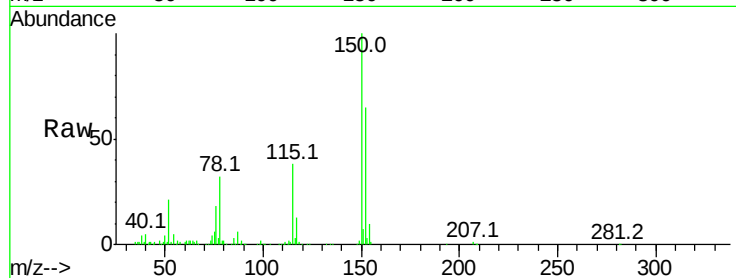
Tot Ion:152 Resp: 179028

Ion Ratio Lower Upper

152 100

150 152.7 119.5 179.3

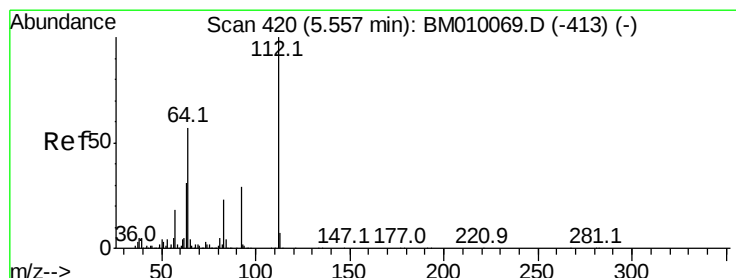
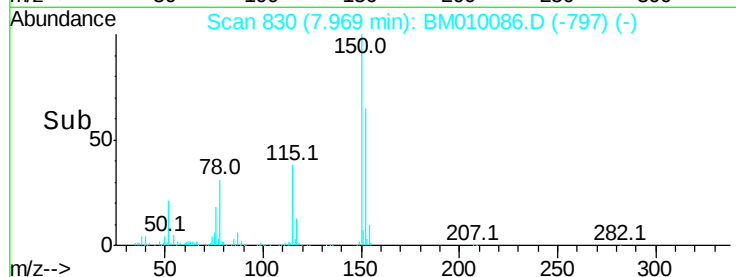
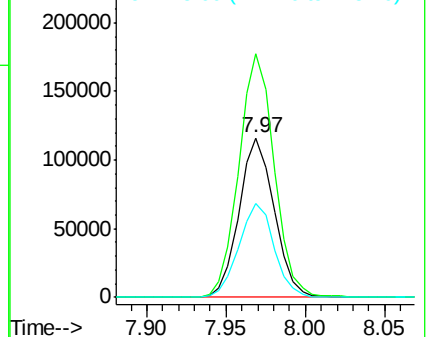
115 58.7 43.0 64.4



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: 144.70 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BM010086.D

Acq: 20 May 2017 01:26

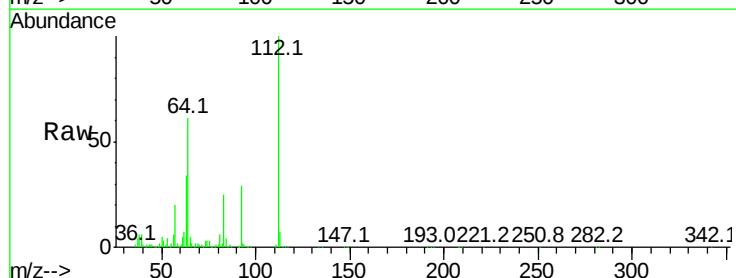
Tgt Ion:112 Resp: 1434497

Ion Ratio Lower Upper

112 100

64 60.8 38.6 57.8#

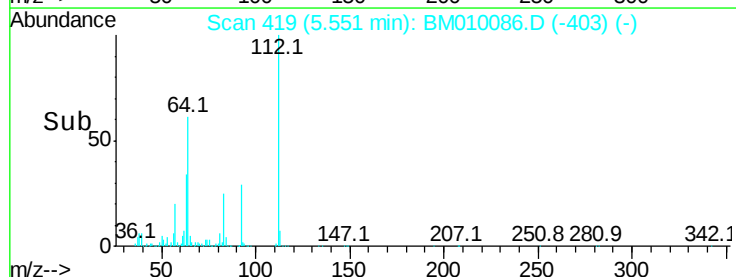
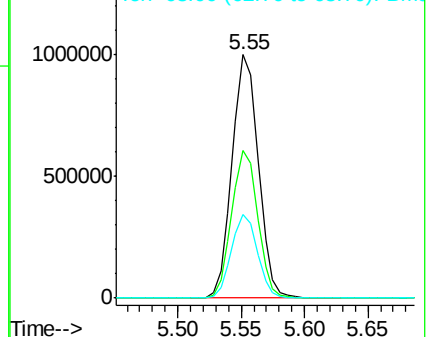
63 34.4 19.3 28.9#

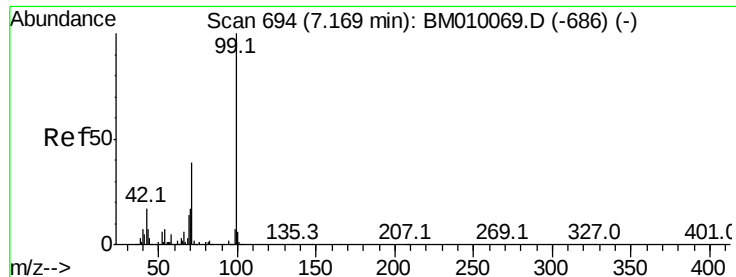


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 125.34 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010086.D

Acq: 20 May 2017 01:26

Instrument :

BNA_M

ClientSampleId :

SB-8COMP

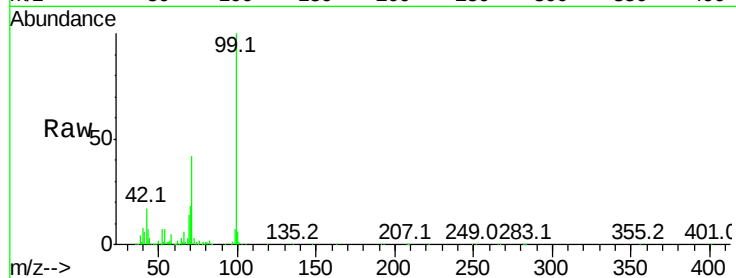
Tot Ion: 99 Resp: 1598957

Ion Ratio Lower Upper

99 100

42 17.5 11.0 16.4#

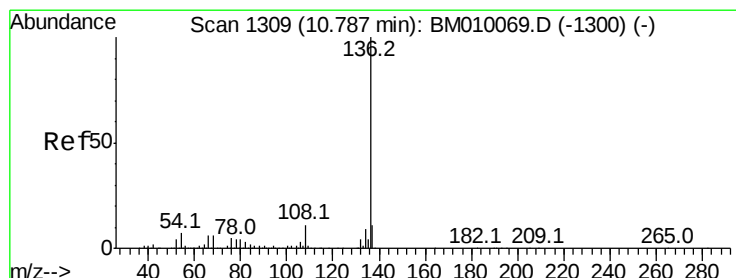
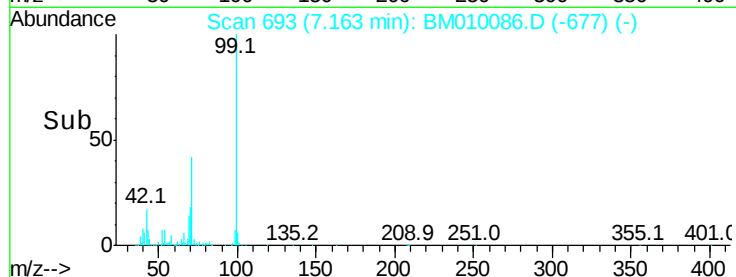
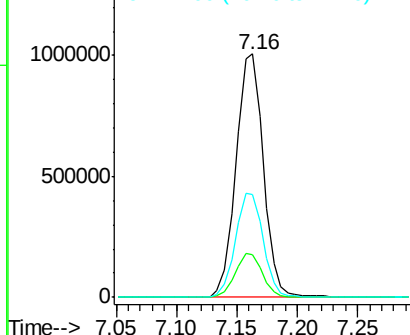
71 42.2 23.4 35.2#



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: 10.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BM010086.D

Acq: 20 May 2017 01:26

Tgt Ion: 136 Resp: 598232

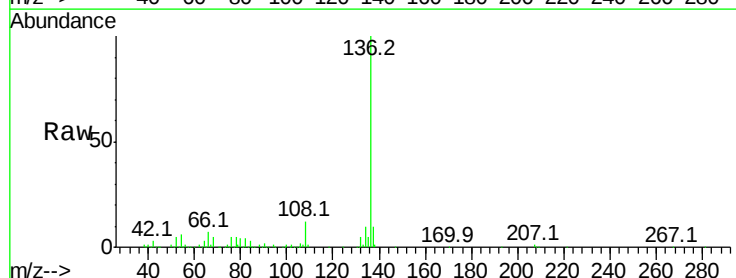
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.4 4.6 6.8

68 4.9 3.7 5.5

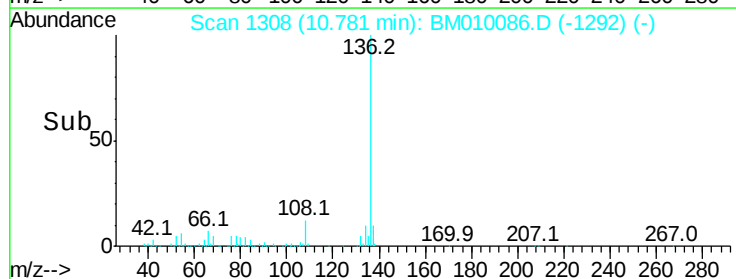
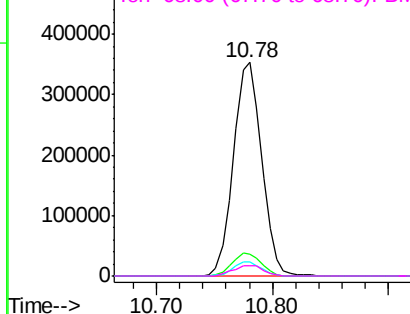


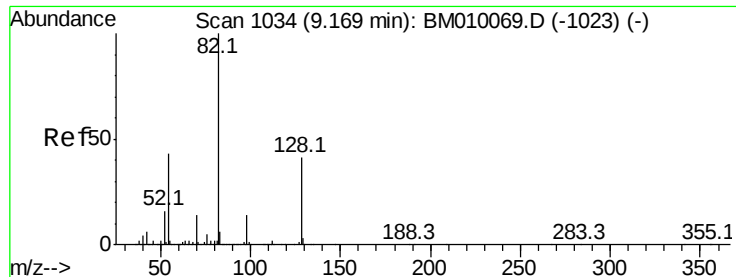
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)



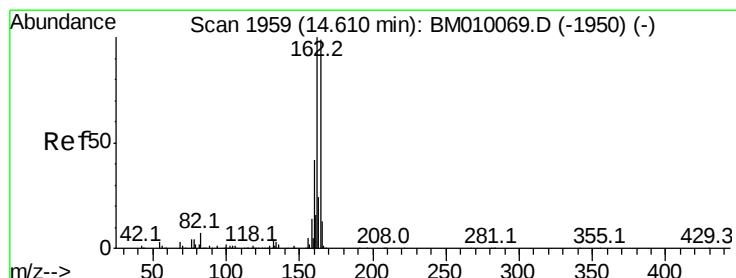
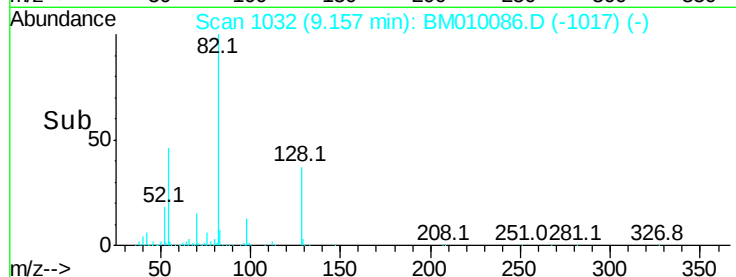
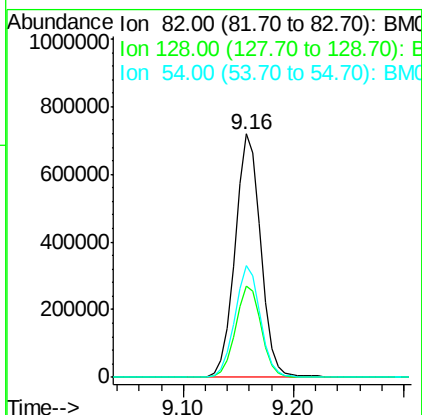
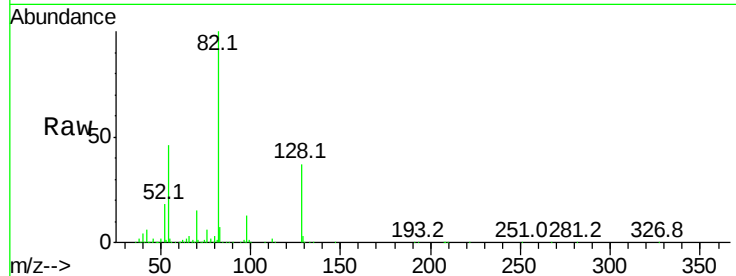


#23
 Nitrobenzene-d5
 Concen: 106.08 ng
 RT: 9.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BM010086.D
 Acq: 20 May 2017 01:26

Instrument :
 BNA_M
 ClientSampleId :
 SB-8COMP

Tot Ion: 82 Resp: 1176301

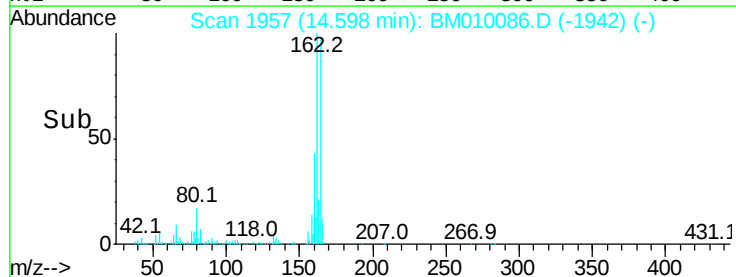
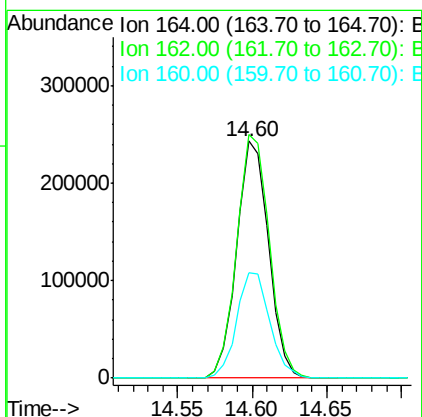
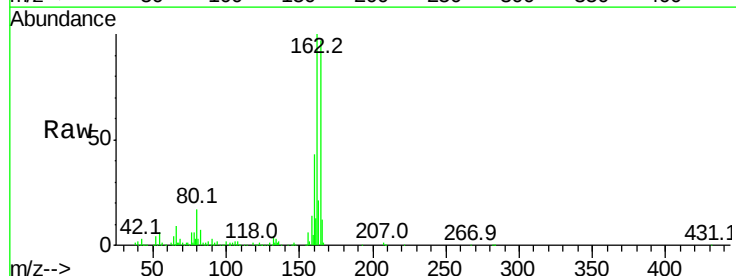
Ion	Ratio	Lower	Upper
82	100		
128	37.3	32.8	49.2
54	46.0	40.6	60.8

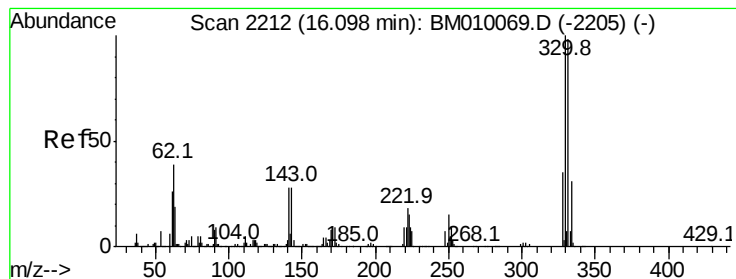


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BM010086.D
 Acq: 20 May 2017 01:26

Tgt Ion: 164 Resp: 360410

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.4	123.6
160	44.7	35.8	53.6

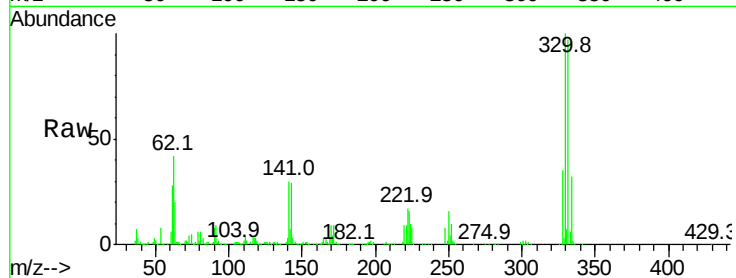




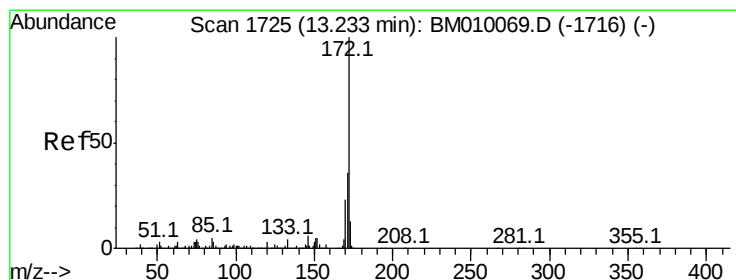
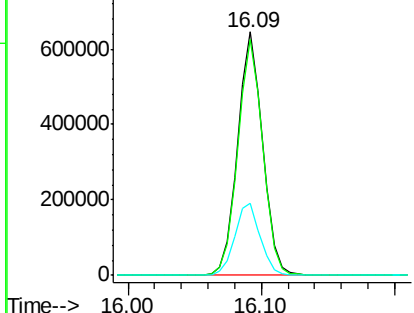
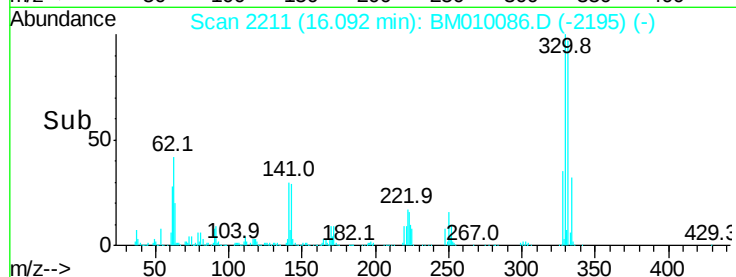
#41
 2,4,6-Tribromophenol
 Concen: 152.81 ng
 RT: 16.09 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BM010086.D
 Acq: 20 May 2017 01:26

Instrument :
 BNA_M
 ClientSampleId :
 SB-8COMP

Tot Ion:330 Resp: 836478
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 30.5 0.0 0.0#

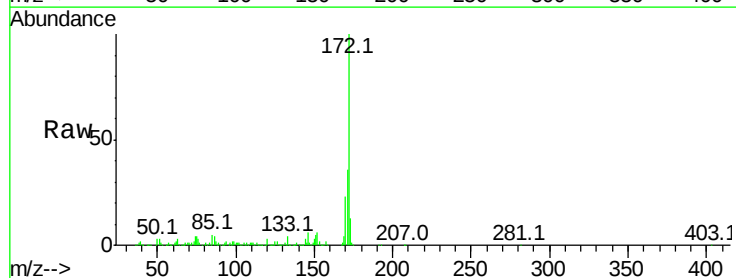


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

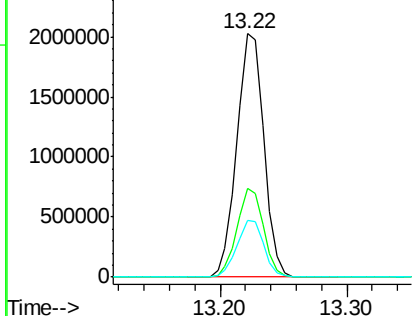
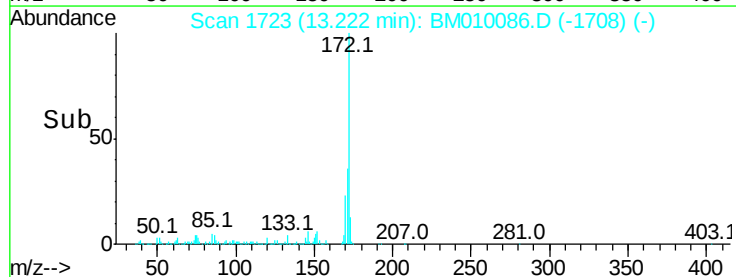


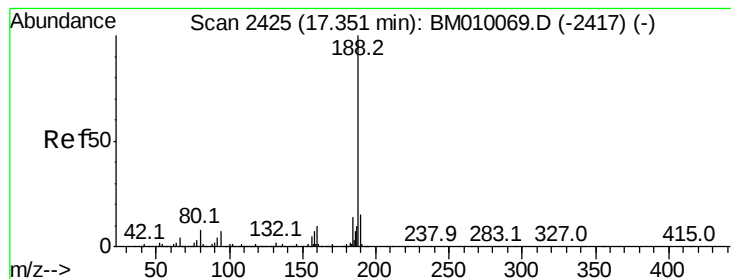
#44
 2-Fluorobiphenyl
 Concen: 106.60 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM010086.D
 Acq: 20 May 2017 01:26

Tgt Ion:172 Resp: 2988462
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 23.1 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: 17.34 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BM010086.D

Acq: 20 May 2017 01:26

Instrument :

BNA_M

ClientSampleId :

SB-8COMP

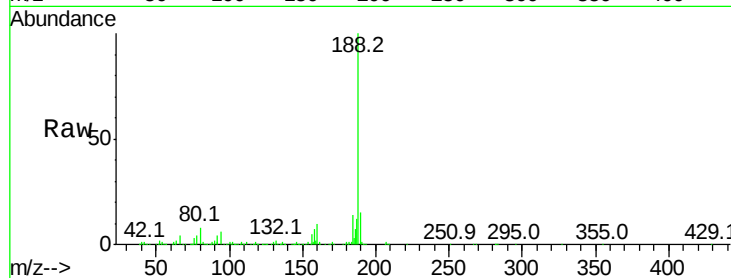
Tot Ion:188 Resp: 843922

Ion Ratio Lower Upper

188 100

94 5.9 8.7 13.1#

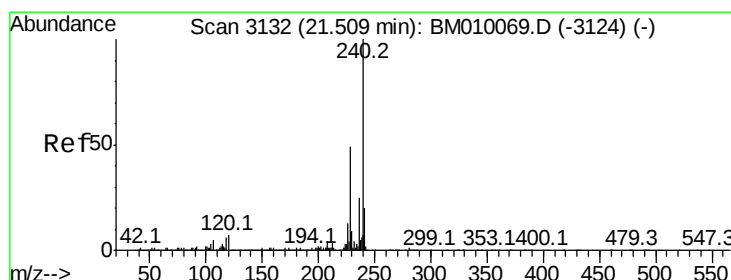
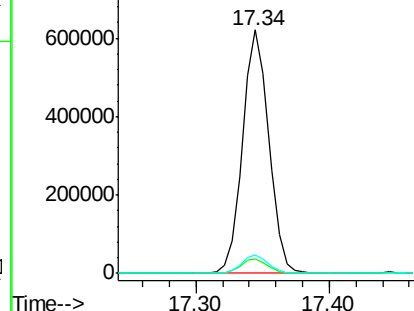
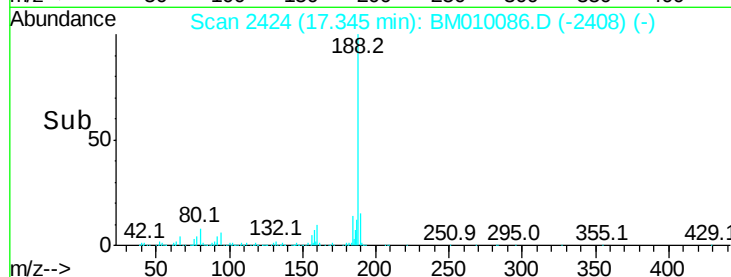
80 7.8 9.3 13.9#



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: 21.50 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM010086.D

Acq: 20 May 2017 01:26

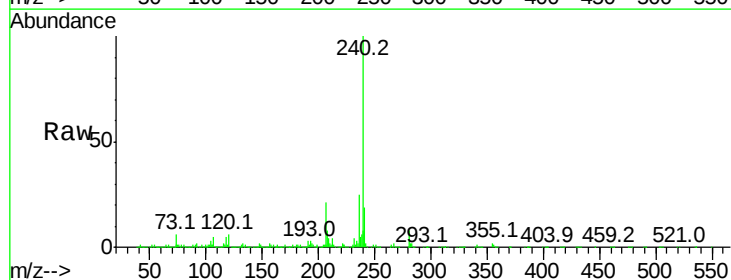
Tgt Ion:240 Resp: 1239388

Ion Ratio Lower Upper

240 100

120 6.1 8.2 12.2#

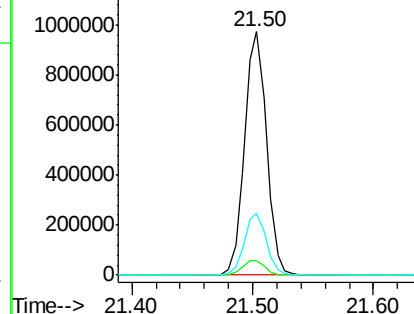
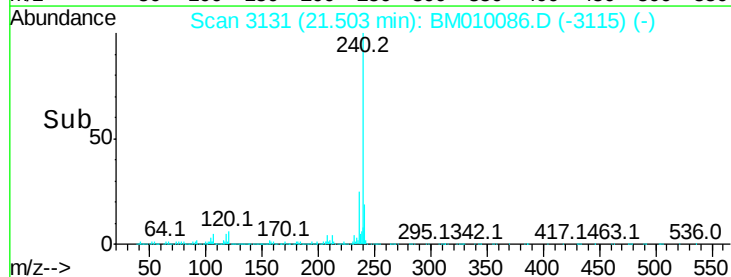
236 25.3 20.0 30.0

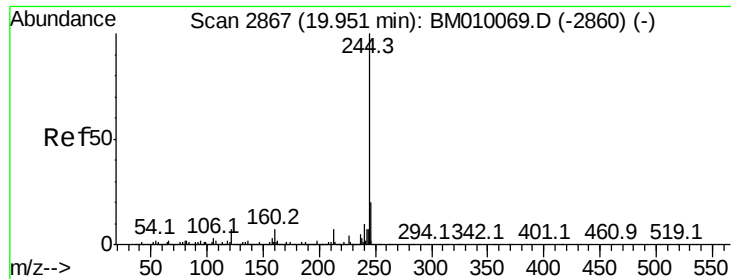


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.19 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM010086.D

Acq: 20 May 2017 01:26

Instrument :

BNA_M

ClientSampled :

SB-8COMP

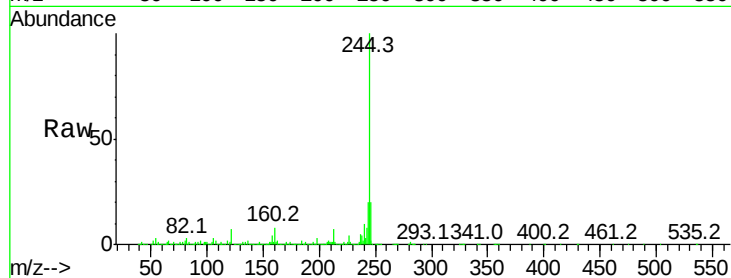
Tot Ion:244 Resp: 4970335

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3

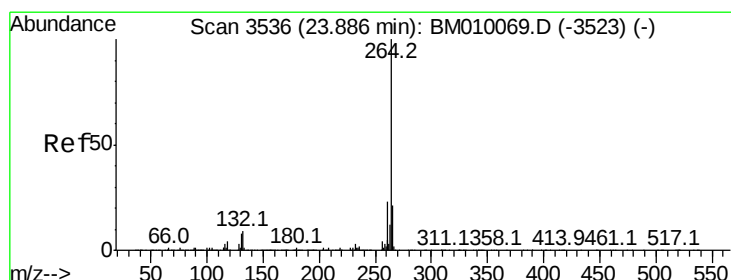
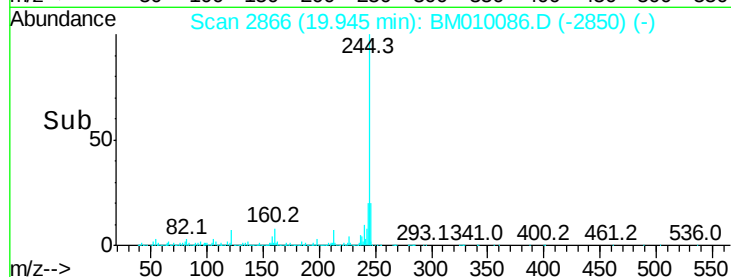
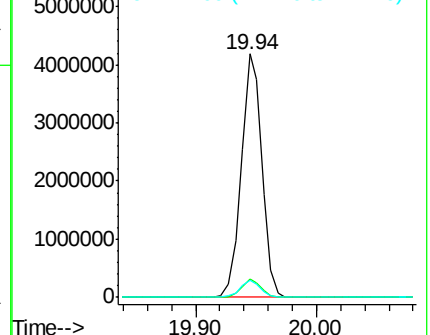
122 7.0 6.2 9.4



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: 23.87 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BM010086.D

Acq: 20 May 2017 01:26

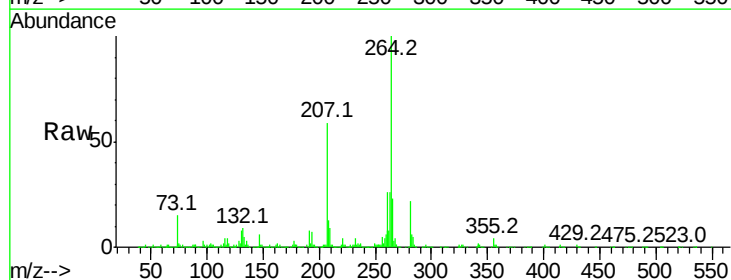
Tgt Ion:264 Resp: 1138599

Ion Ratio Lower Upper

264 100

260 26.3 18.6 27.8

265 22.9 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

