

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010085.D
 Acq On : 20 May 2017 00:50
 Operator : SJ/MA
 Sample : I3202-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-7COMP

Quant Time: May 20 04:47:10 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	179966	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	596028	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	351791	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	831009	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1224516	20.00	ng	0.00
86) Perylene-d12	23.87	264	1373840	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1402934	140.78	ng	0.00
7) Phenol-d6	7.16	99	1562204	121.82	ng	0.00
23) Nitrobenzene-d5	9.16	82	1130999	102.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	772113	144.51	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	2830551	103.44	ng	-0.01
78) Terphenyl-d14	19.94	244	4734240	87.91	ng	0.00

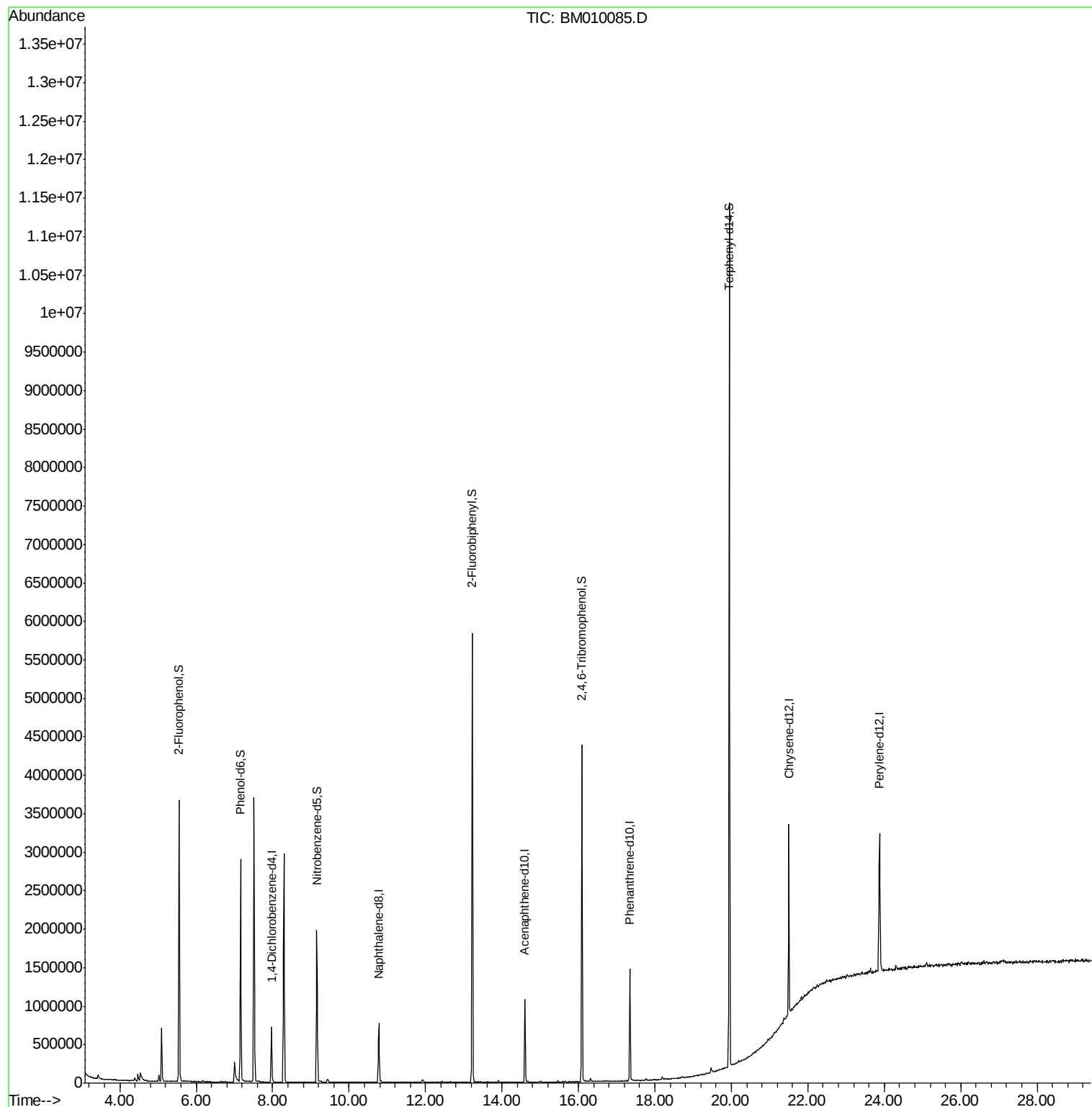
Target Compounds Qvalue

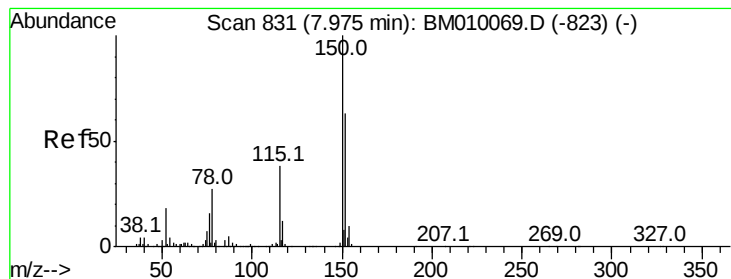
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010085.D

Acq: 20 May 2017 00:50

Instrument :

BNA_M

ClientSampleId :

SB-7COMP

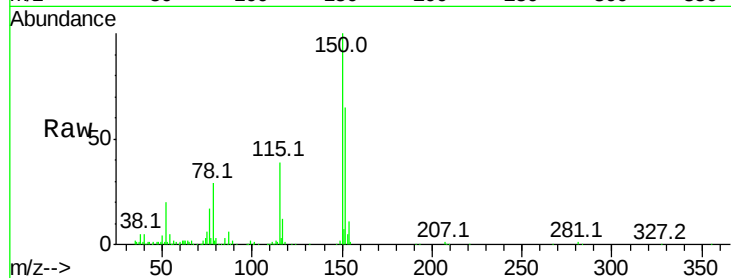
Tot Ion:152 Resp: 179966

Ion Ratio Lower Upper

152 100

150 153.8 119.5 179.3

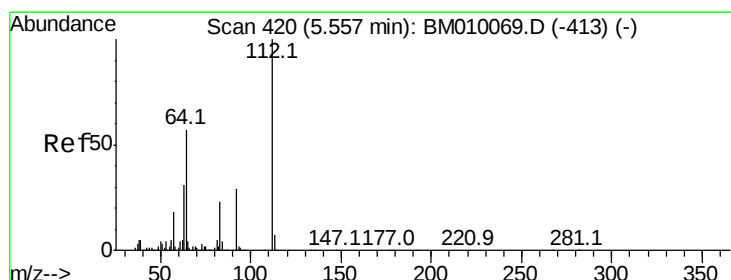
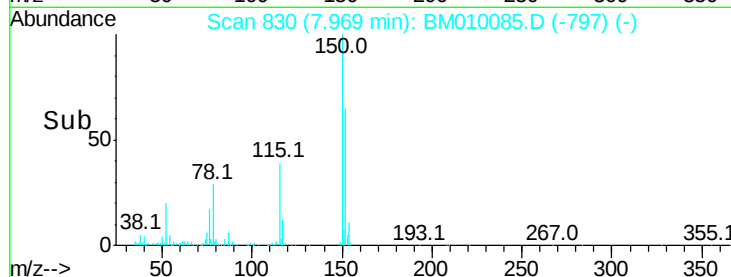
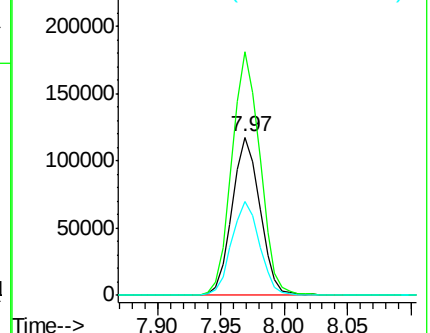
115 59.6 43.0 64.4



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: 140.78 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BM010085.D

Acq: 20 May 2017 00:50

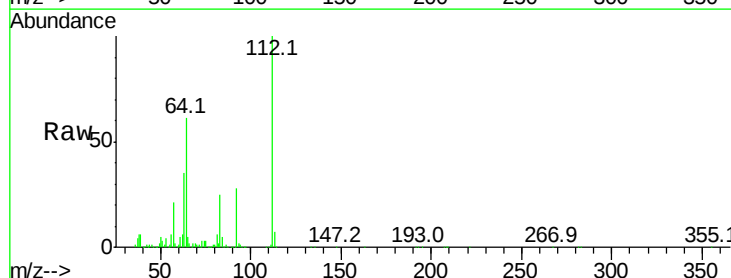
Tgt Ion:112 Resp: 1402934

Ion Ratio Lower Upper

112 100

64 61.4 38.6 57.8#

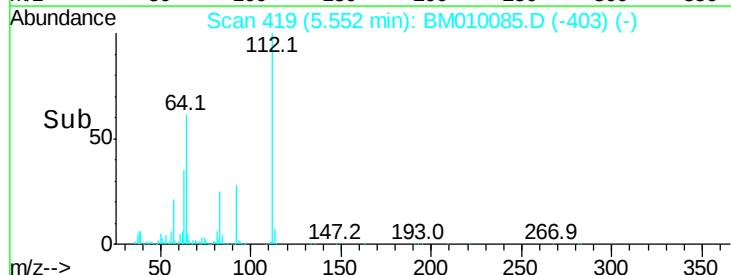
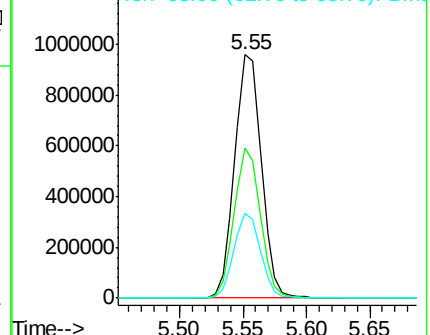
63 35.0 19.3 28.9#

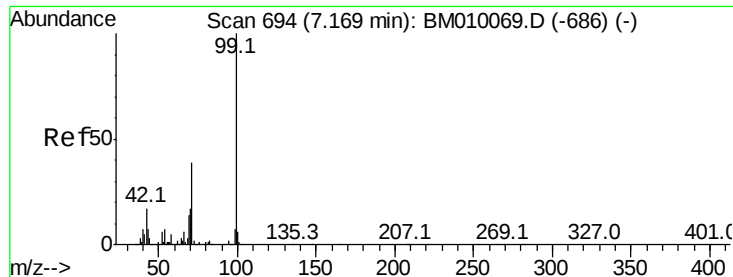


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 121.82 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010085.D

Acq: 20 May 2017 00:50

Instrument :

BNA_M

ClientSampleId :

SB-7COMP

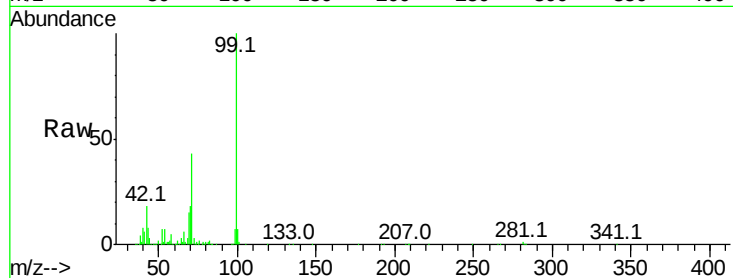
Tot Ion: 99 Resp: 1562204

Ion Ratio Lower Upper

99 100

42 18.0 11.0 16.4#

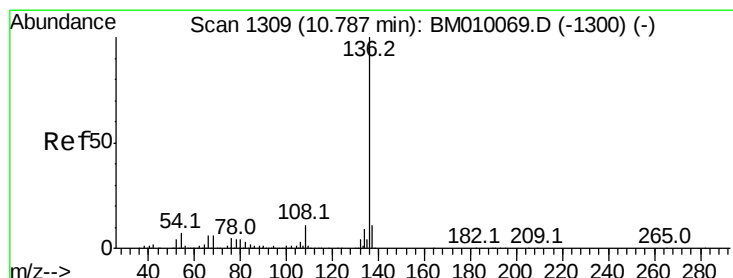
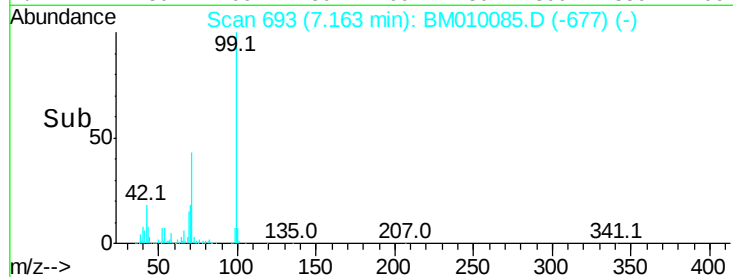
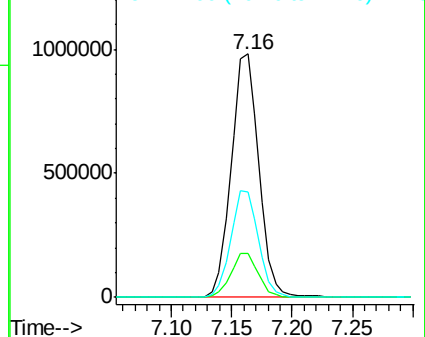
71 43.1 23.4 35.2#



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: BM010085.D

Acq: 20 May 2017 00:50

Tgt Ion:136 Resp: 596028

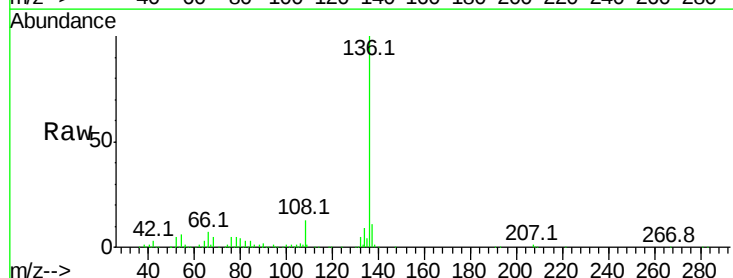
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.1 4.6 6.8

68 5.3 3.7 5.5

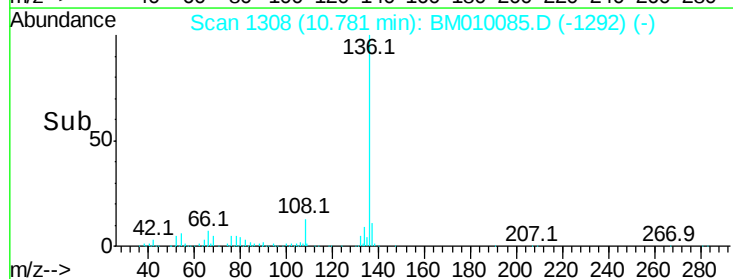
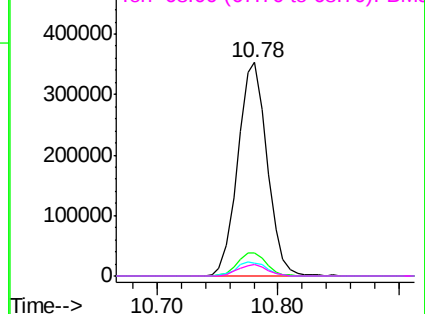


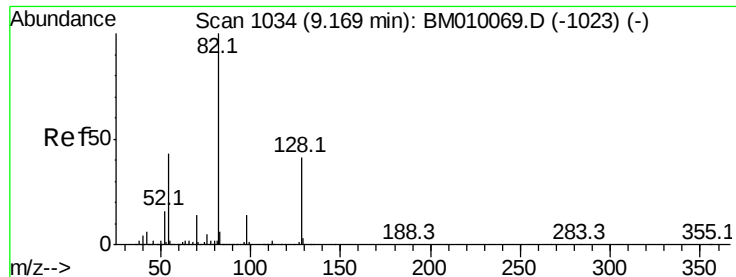
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)



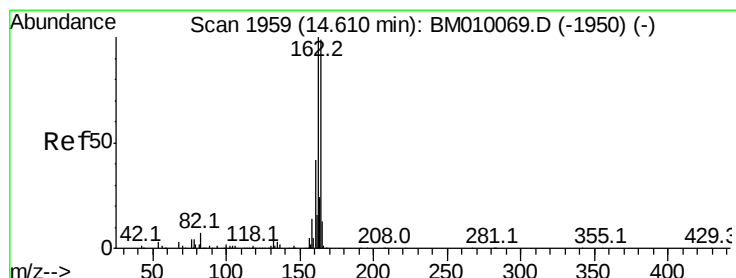
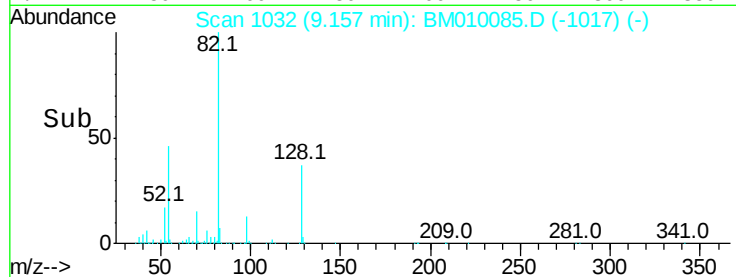
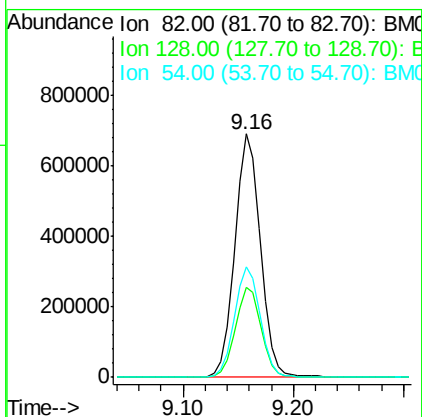
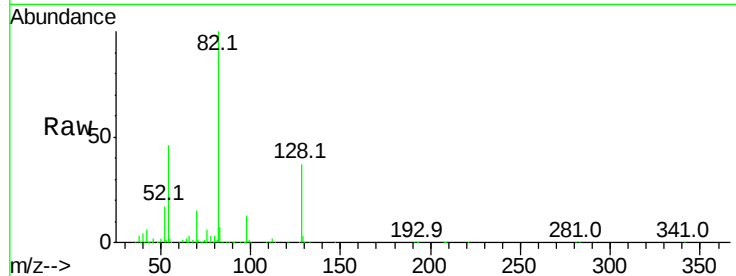


#23
 Nitrobenzene-d5
 Concen: 102.38 ng
 RT: 9.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BM010085.D
 Acq: 20 May 2017 00:50

Instrument :
 BNA_M
 ClientSampleId :
 SB-7COMP

Tot Ion: 82 Resp: 1130999

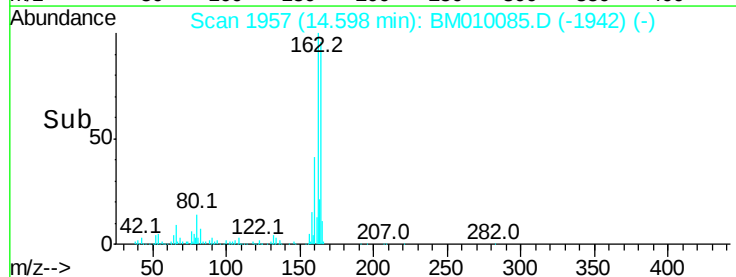
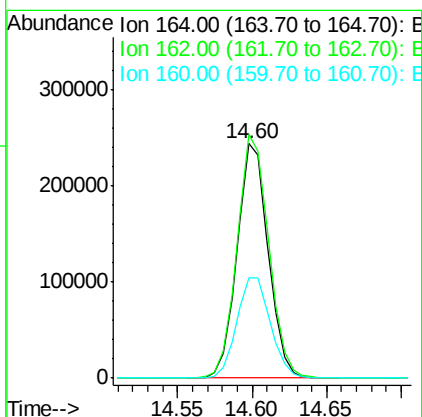
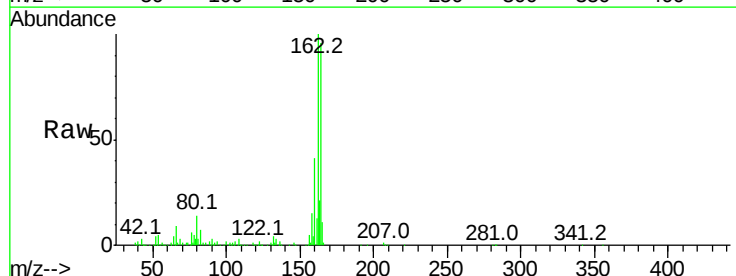
Ion	Ratio	Lower	Upper
82	100		
128	36.8	32.8	49.2
54	45.5	40.6	60.8

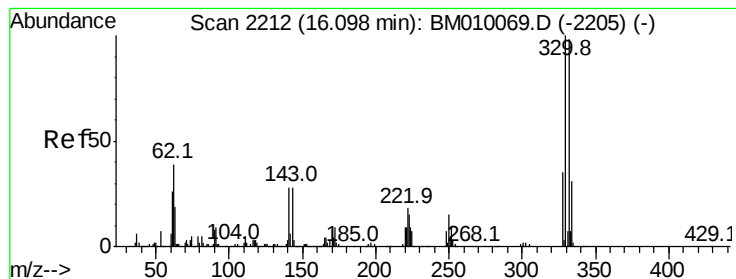


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BM010085.D
 Acq: 20 May 2017 00:50

Tgt Ion: 164 Resp: 351791

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.4	123.6
160	42.8	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 144.51 ng

RT: 16.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BM010085.D

Acq: 20 May 2017 00:50

Instrument :

BNA_M

ClientSampleId :

SB-7COMP

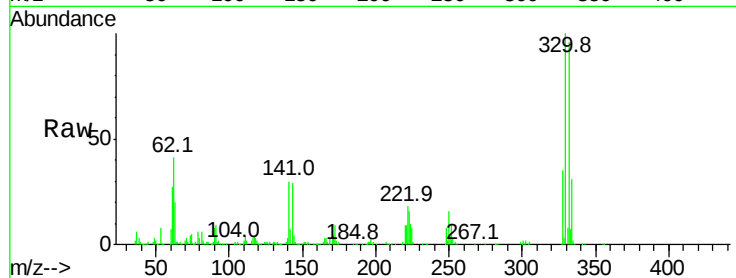
Tot Ion:330 Resp: 772113

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

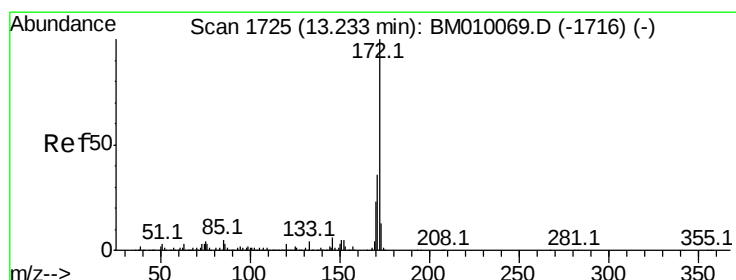
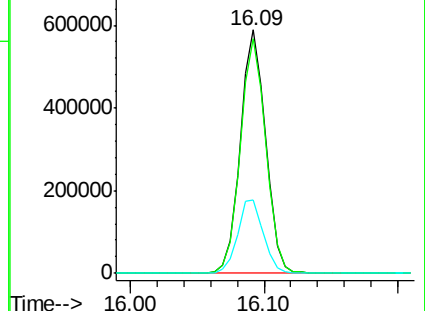
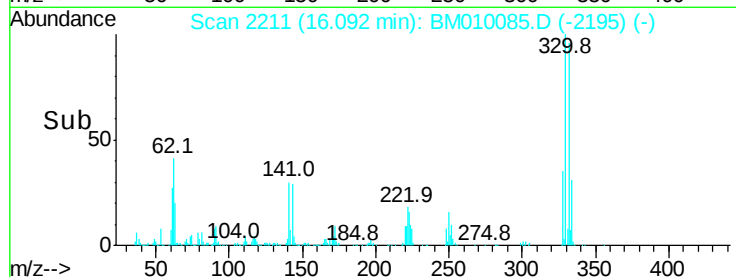
141 31.0 0.0 0.0#



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: 103.44 ng

RT: 13.22 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BM010085.D

Acq: 20 May 2017 00:50

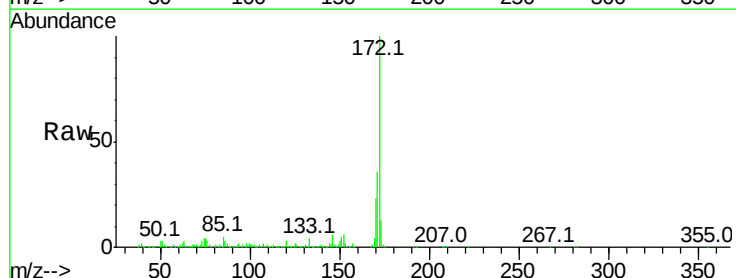
Tgt Ion:172 Resp: 2830551

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

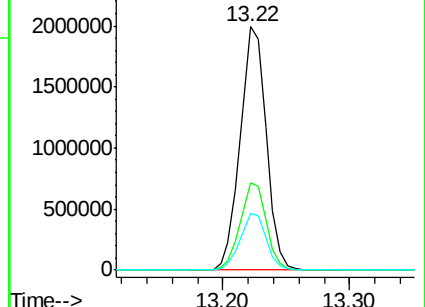
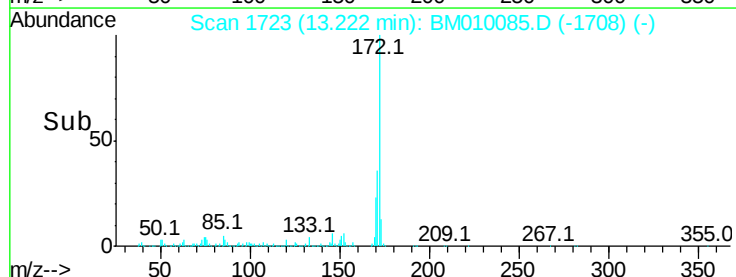
170 23.3 18.8 28.2

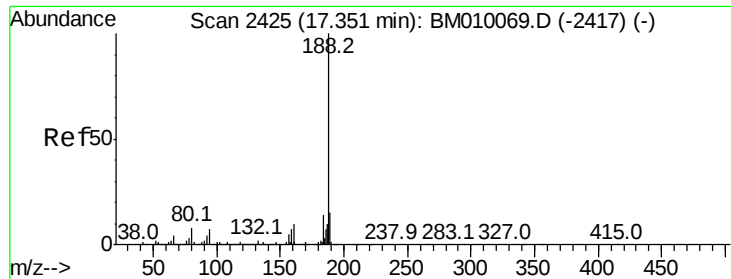


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

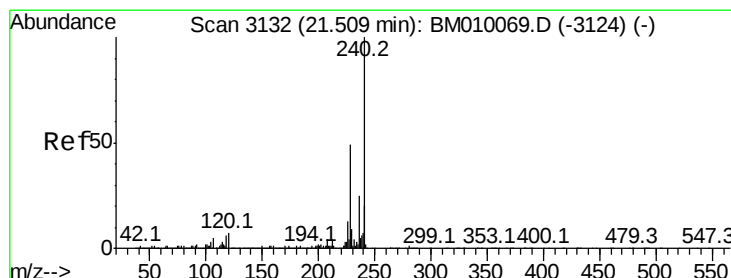
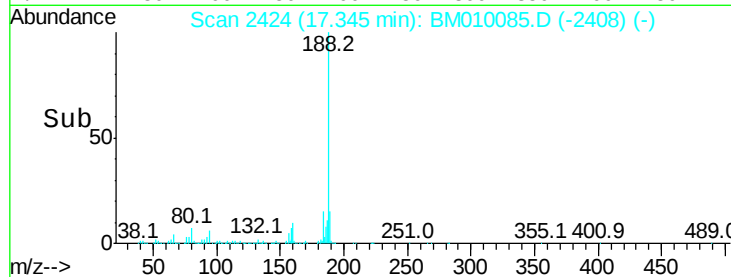
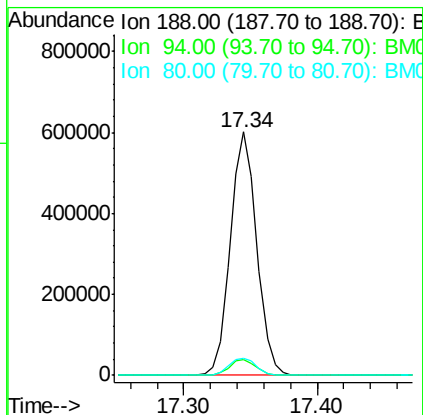
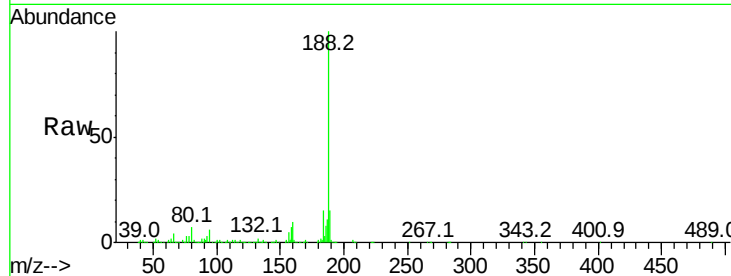




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BM010085.D
Acq: 20 May 2017 00:50

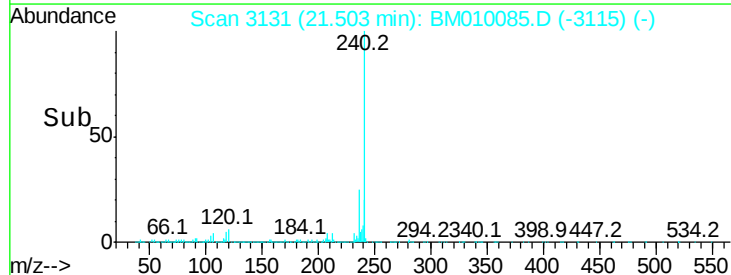
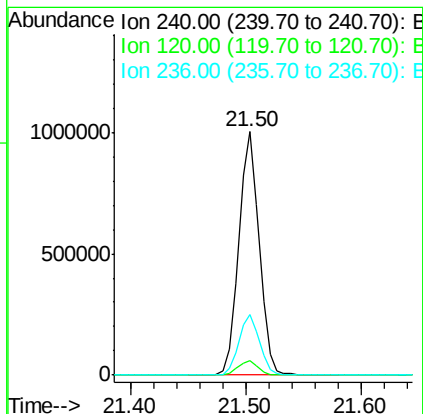
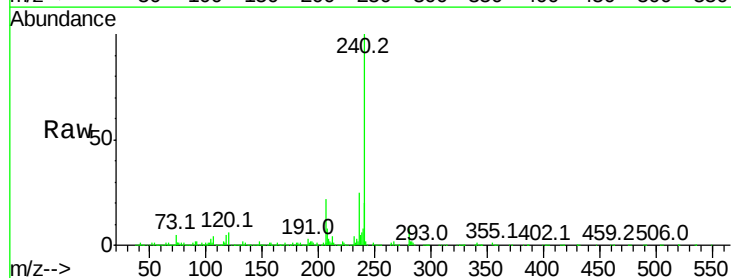
Instrument :
BNA_M
ClientSampleId :
SB-7COMP

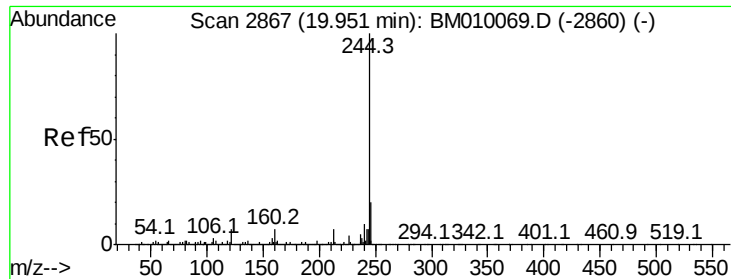
Tot Ion:188 Resp: 831009
Ion Ratio Lower Upper
188 100
94 6.4 8.7 13.1#
80 6.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM010085.D
Acq: 20 May 2017 00:50

Tgt Ion:240 Resp: 1224516
Ion Ratio Lower Upper
240 100
120 6.1 8.2 12.2#
236 24.7 20.0 30.0





#78

Terphenyl-d14

Concen: 87.91 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM010085.D

Acq: 20 May 2017 00:50

Instrument :

BNA_M

ClientSampleId :

SB-7COMP

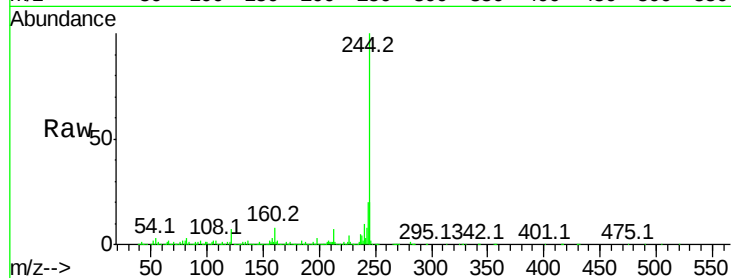
Tot Ion:244 Resp: 4734240

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

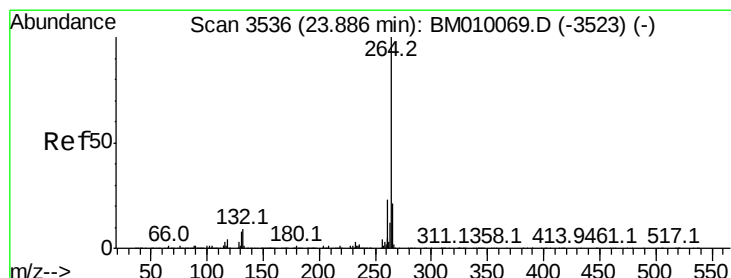
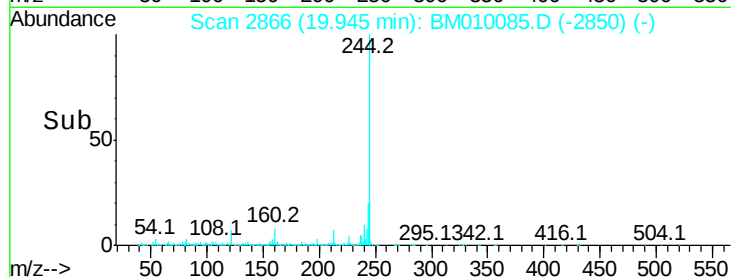
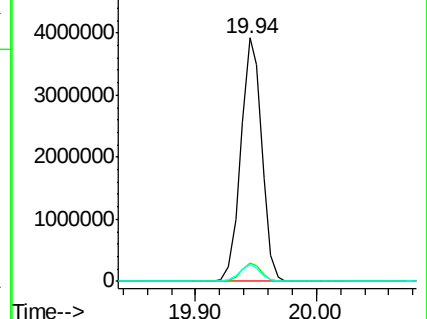
122 7.1 6.2 9.4



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: BM010085.D

Acq: 20 May 2017 00:50

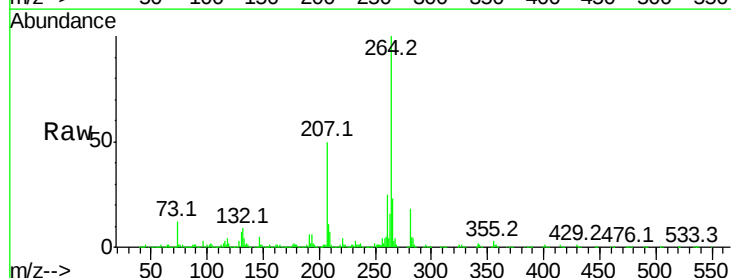
Tgt Ion:264 Resp: 1373840

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 23.0 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

