

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010087.D
 Acq On : 20 May 2017 02:02
 Operator : SJ/MA
 Sample : I3202-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-9COMP

Quant Time: May 20 04:50:39 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	174783	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	576178	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	348036	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	881710	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1428600	20.00	ng	0.00
86) Perylene-d12	23.87	264	1644944	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1382800	142.87	ng	0.00
7) Phenol-d6	7.16	99	1602541	128.67	ng	0.00
23) Nitrobenzene-d5	9.16	82	1115234	104.43	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	845350	159.92	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	2841159	104.95	ng	-0.01
78) Terphenyl-d14	19.94	244	5687277	90.52	ng	0.00

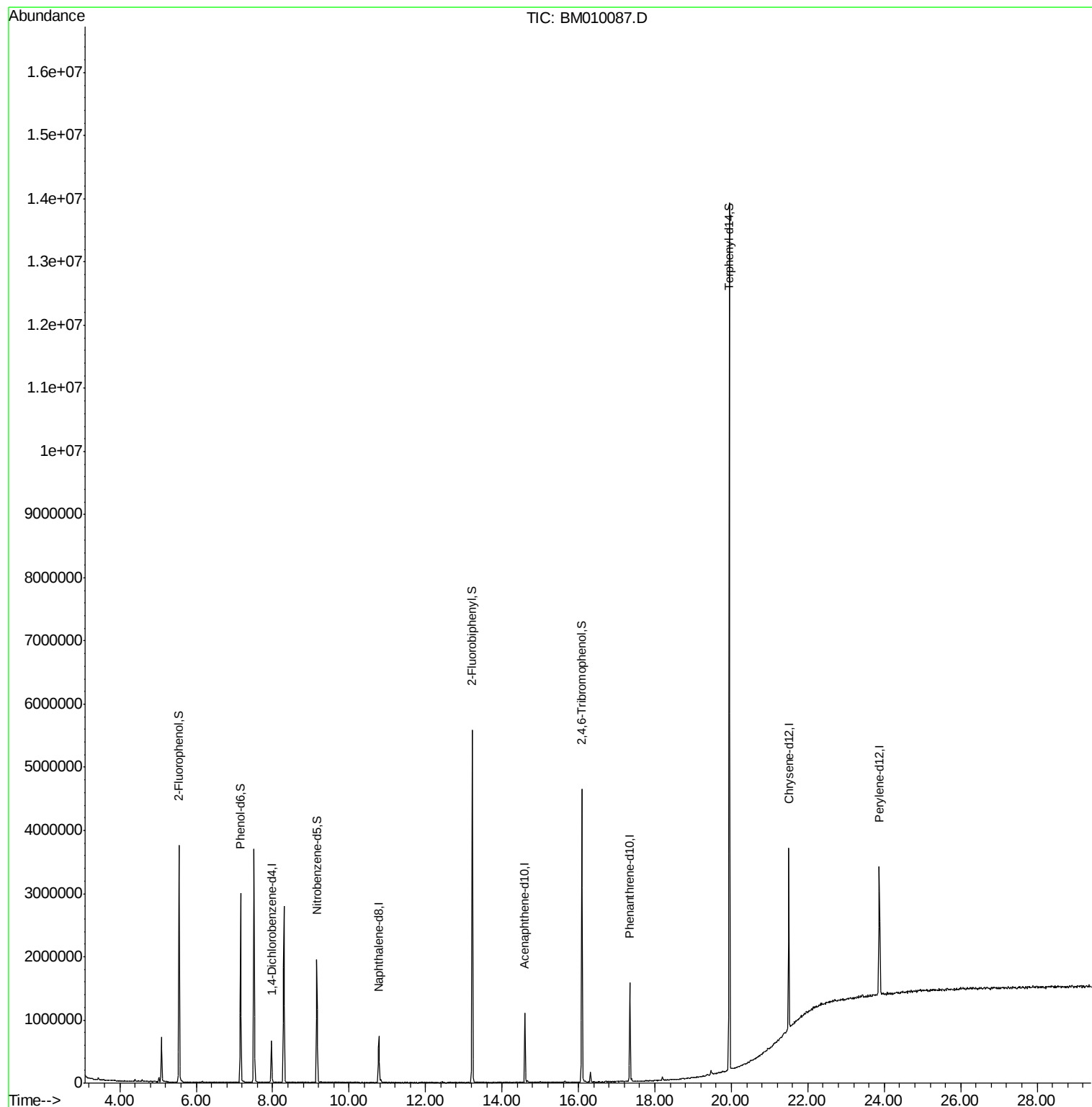
Target Compounds Qvalue

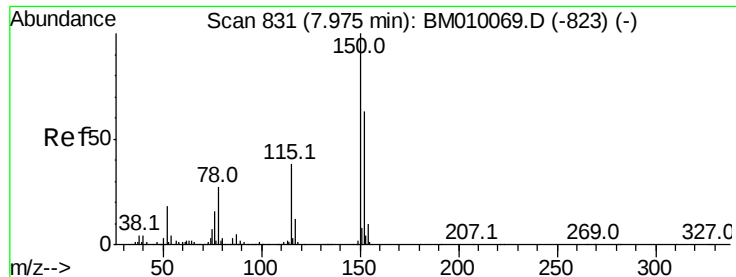
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

SB-9COMP

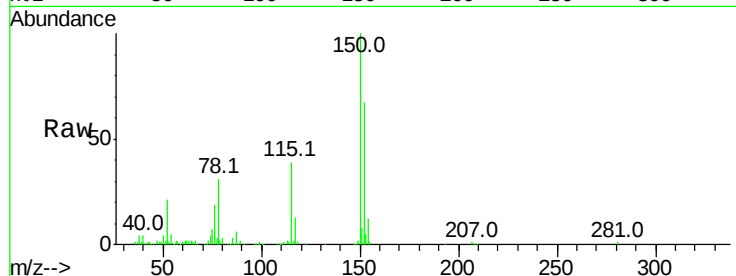
Tot Ion:152 Resp: 174783

Ion Ratio Lower Upper

152 100

150 149.3 119.5 179.3

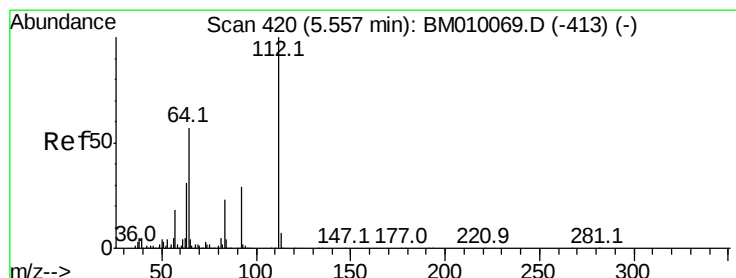
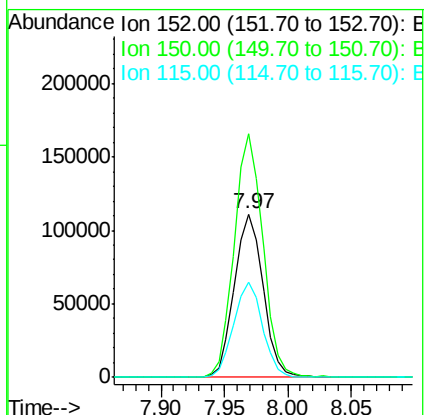
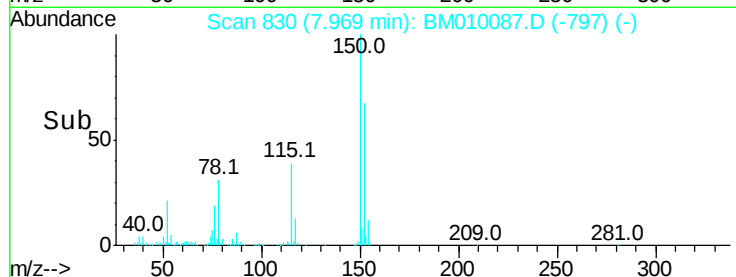
115 58.6 43.0 64.4



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: 142.87 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

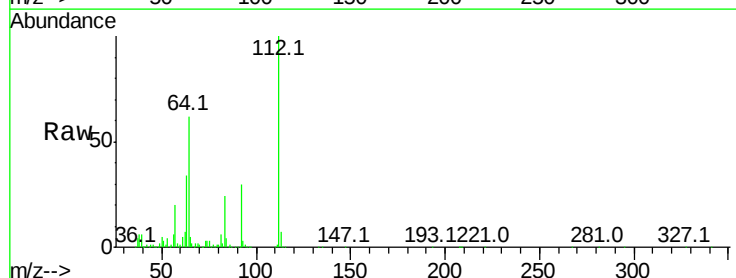
Tgt Ion:112 Resp: 1382800

Ion Ratio Lower Upper

112 100

64 61.9 38.6 57.8#

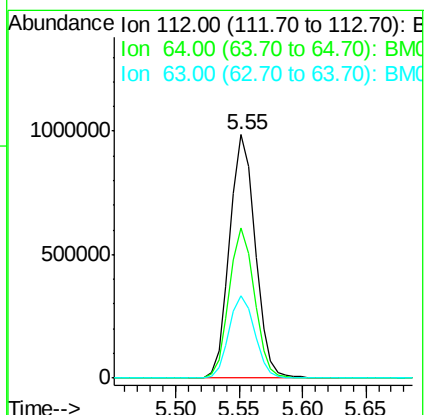
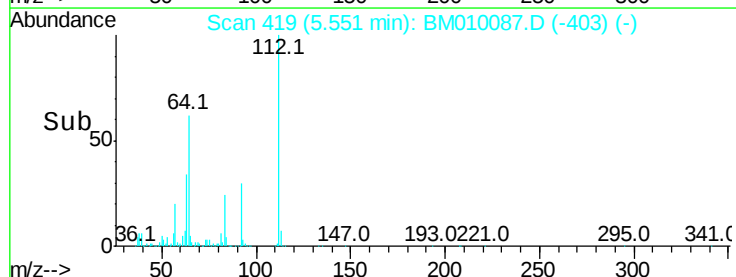
63 34.0 19.3 28.9#



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: 128.67 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

SB-9COMP

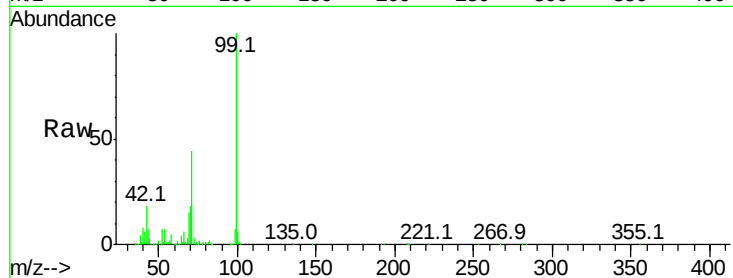
Tot Ion: 99 Resp: 1602541

Ion Ratio Lower Upper

99 100

42 17.9 11.0 16.4#

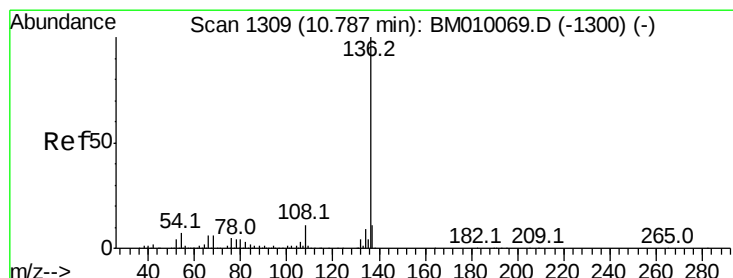
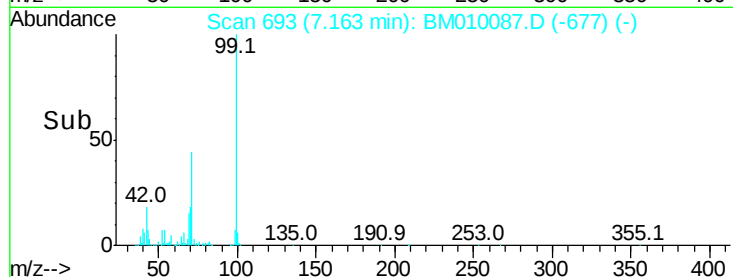
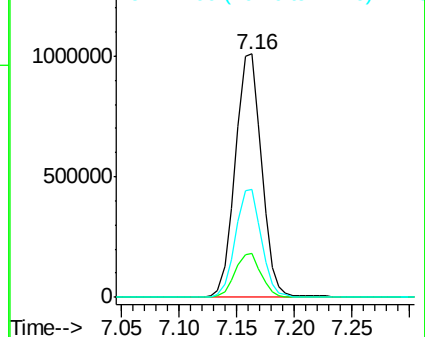
71 44.1 23.4 35.2#



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: BM010087.D

Acq: 20 May 2017 02:02

Tgt Ion: 136 Resp: 576178

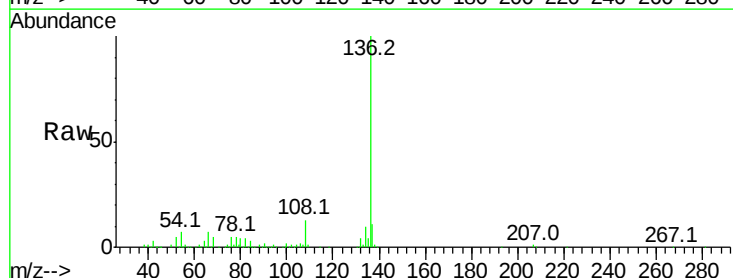
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.8 4.6 6.8

68 5.1 3.7 5.5

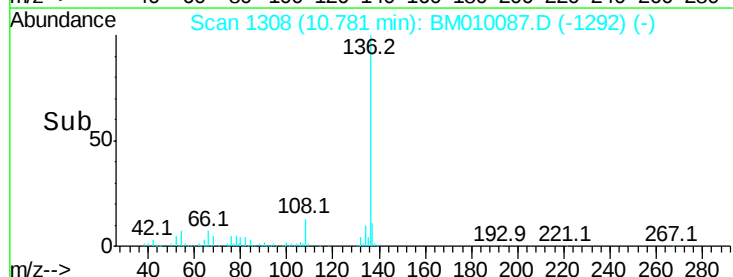
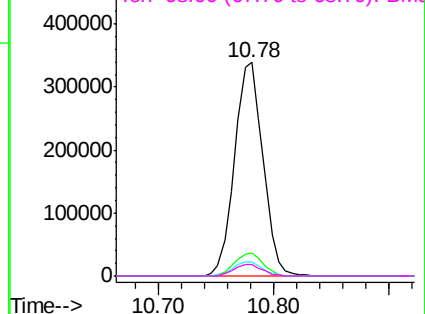


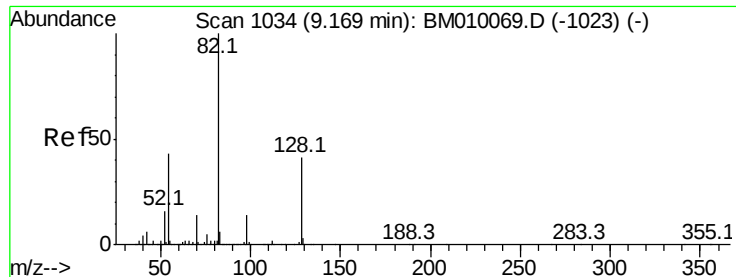
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)



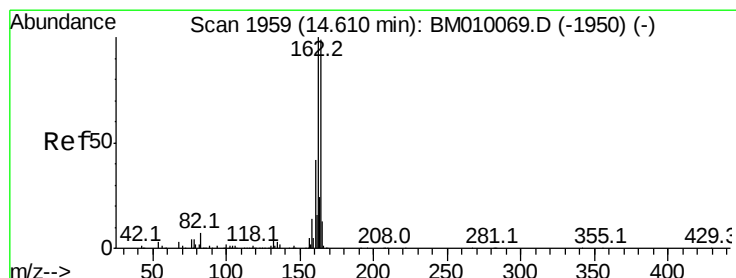
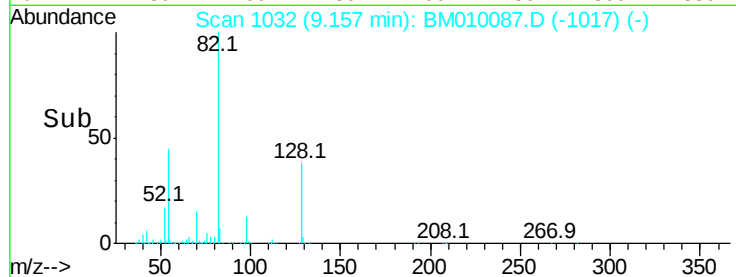
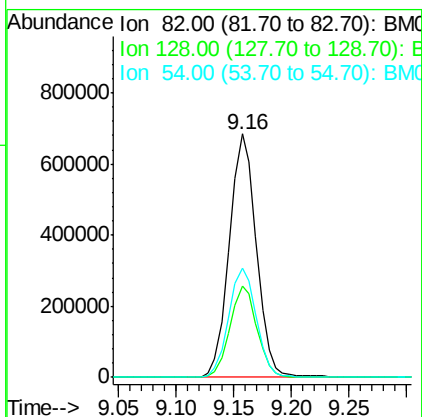
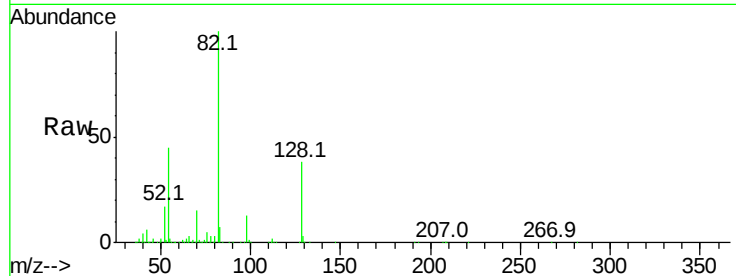


#23
 Nitrobenzene-d5
 Concen: 104.43 ng
 RT: 9.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BM010087.D
 Acq: 20 May 2017 02:02

Instrument :
 BNA_M
 ClientSampleId :
 SB-9COMP

Tot Ion: 82 Resp: 1115234

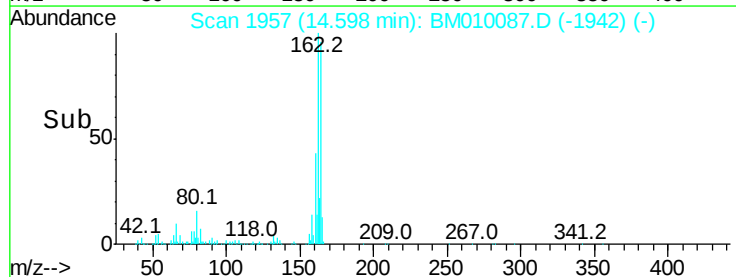
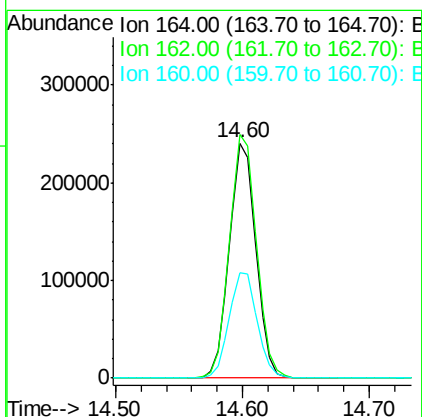
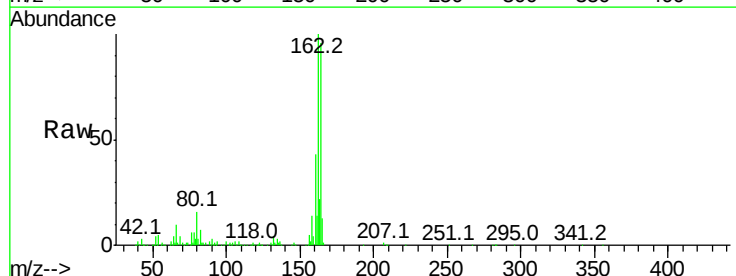
Ion	Ratio	Lower	Upper
82	100		
128	37.5	32.8	49.2
54	45.1	40.6	60.8

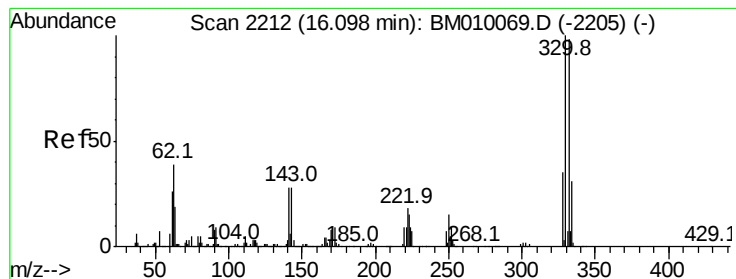


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BM010087.D
 Acq: 20 May 2017 02:02

Tgt Ion: 164 Resp: 348036

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.4	123.6
160	44.8	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 159.92 ng

RT: 16.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

SB-9COMP

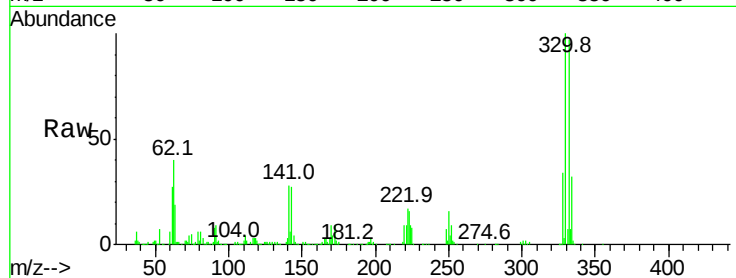
Tot Ion:330 Resp: 845350

Ion Ratio Lower Upper

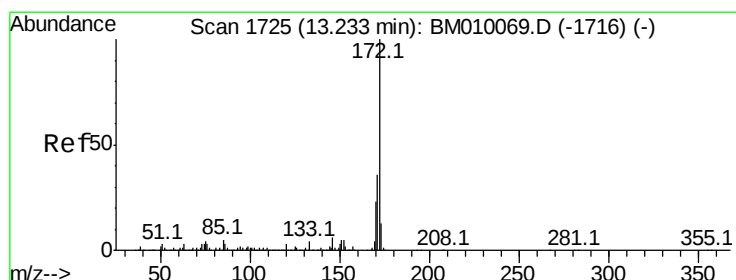
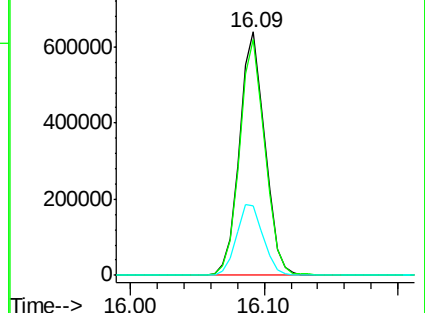
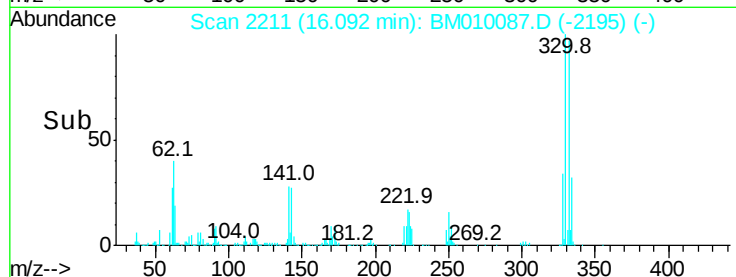
330 100

332 96.3 0.0 0.0#

141 30.7 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: 104.95 ng

RT: 13.22 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

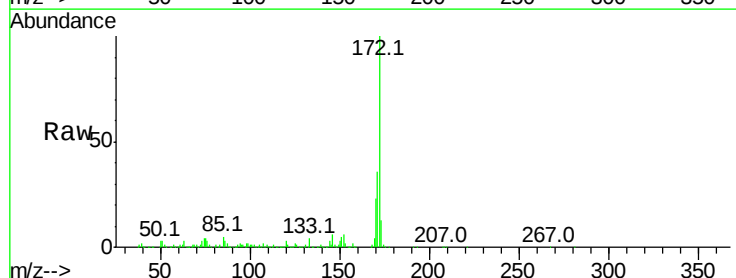
Tgt Ion:172 Resp: 2841159

Ion Ratio Lower Upper

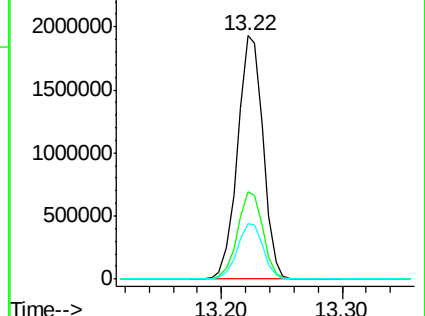
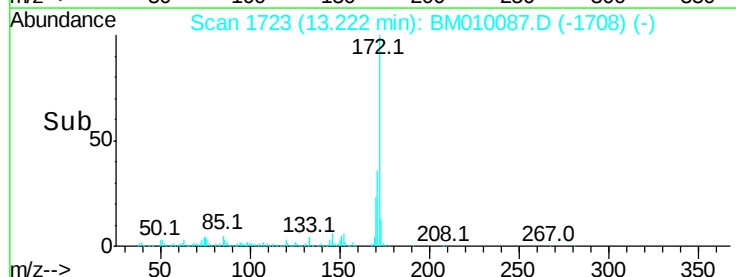
172 100

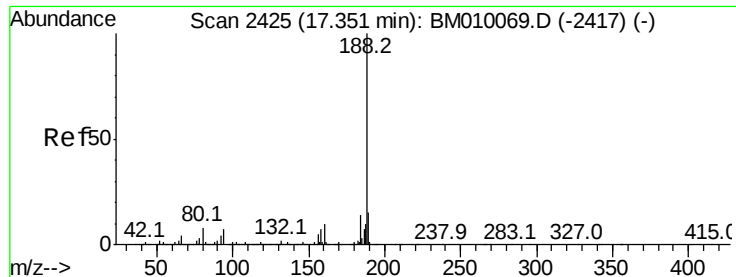
171 35.7 28.5 42.7

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

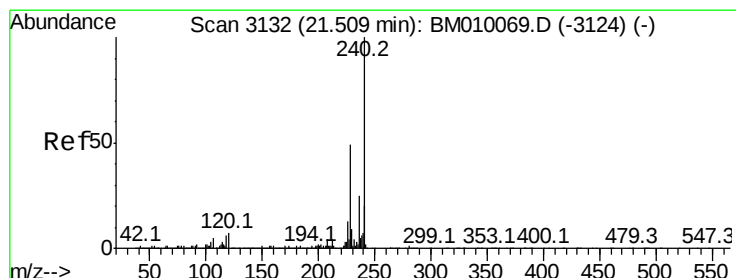
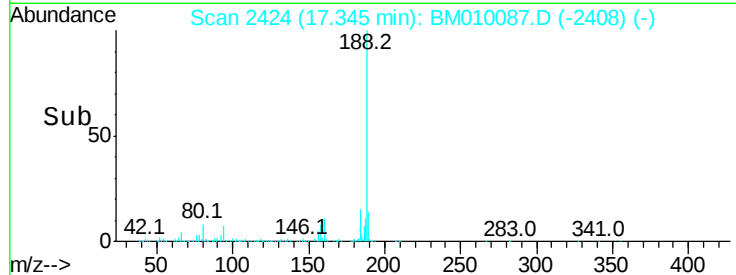
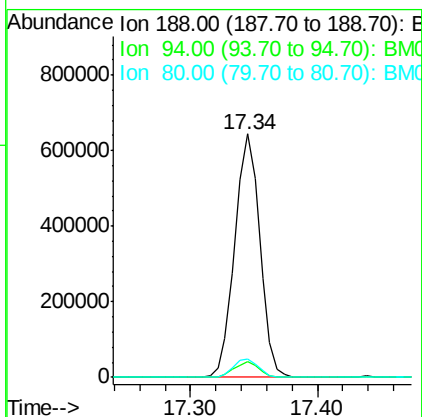
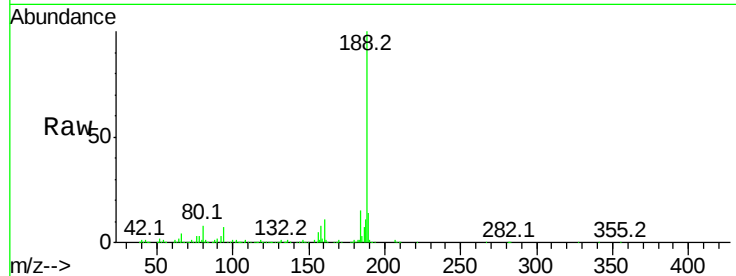




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

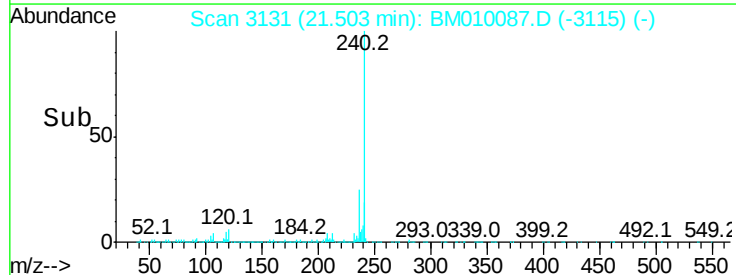
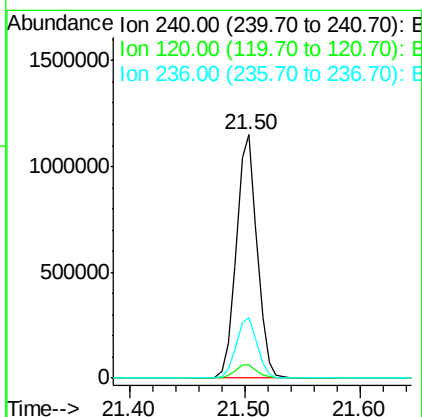
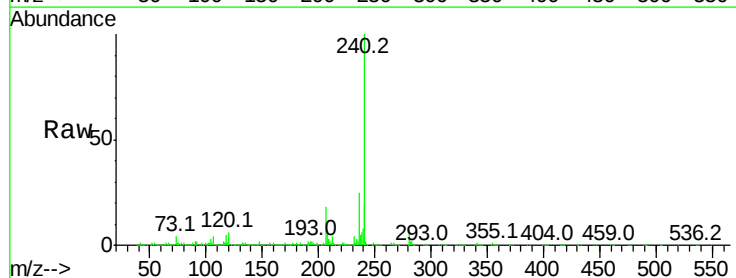
Instrument :
BNA_M
ClientSampleId :
SB-9COMP

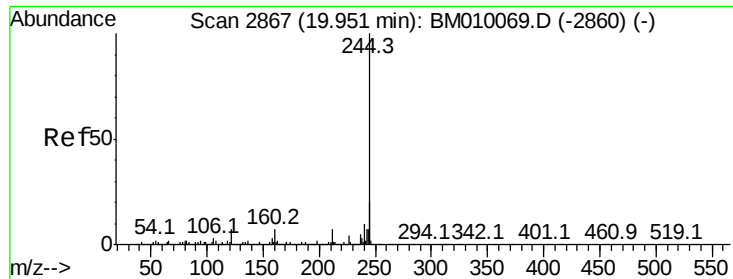
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	7.7	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	8.2	12.2#
236	25.0	20.0	30.0

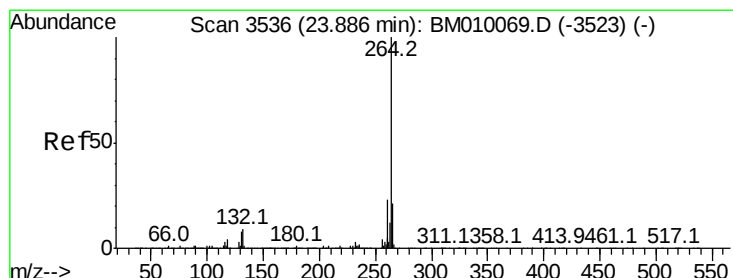
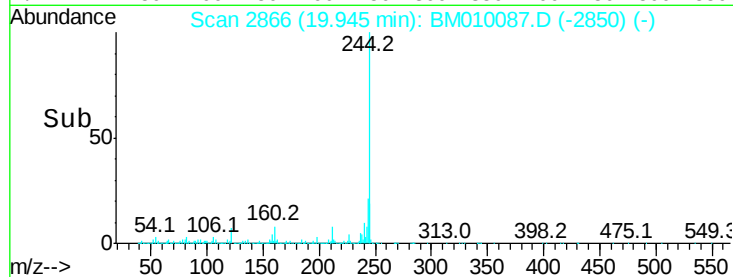
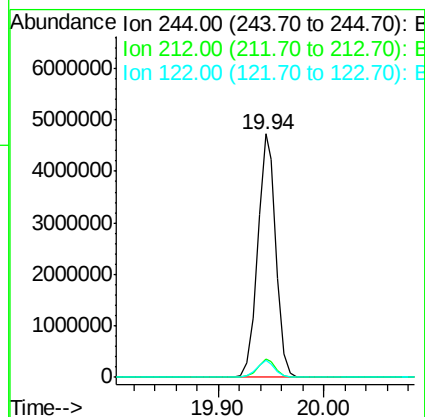
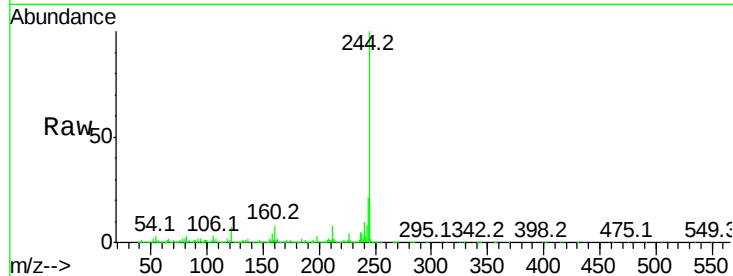




#78
 Terphenyl-d14
 Concen: 90.52 ng
 RT: 19.94 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BM010087.D
 Acq: 20 May 2017 02:02

Instrument :
 BNA_M
 ClientSampleId :
 SB-9COMP

Tot Ion:244 Resp: 5687277
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.9 7.3#
 122 7.2 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.87 min Scan# 3534
 Delta R.T. -0.01 min
 Lab File: BM010087.D
 Acq: 20 May 2017 02:02

Tgt Ion:264 Resp: 1644944
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 22.1 17.3 25.9

