

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010081.D
 Acq On : 19 May 2017 22:26
 Operator : SJ/MA
 Sample : I3202-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-3COMP

Quant Time: May 20 04:42:05 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

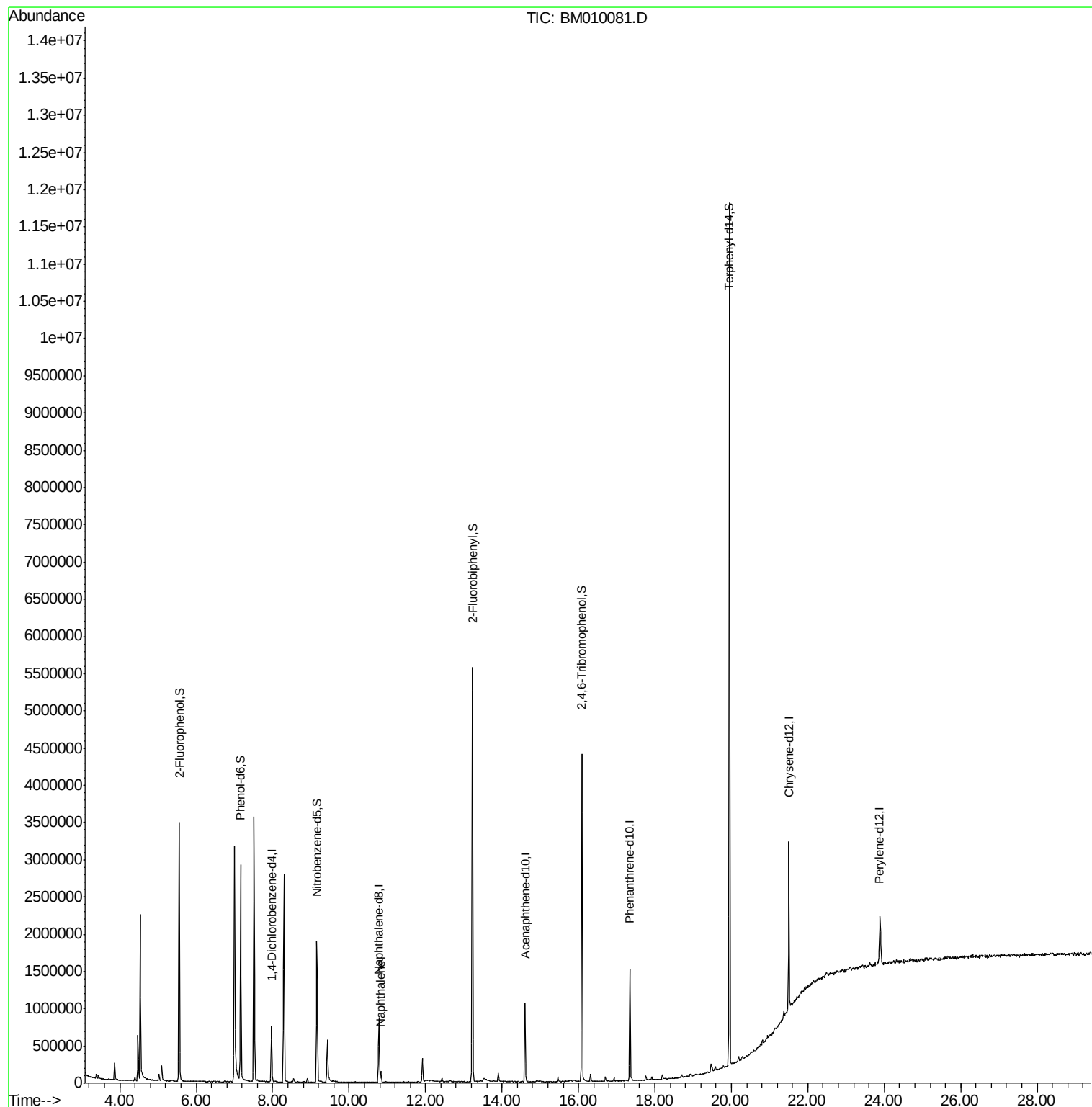
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	195158	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	641915	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	309992	20.00	ng	0.00
63) Phenanthrene-d10	17.34	188	881992	20.00	ng	0.00
75) Chrysene-d12	21.50	240	972895	20.00	ng	0.00
86) Perylene-d12	23.87	264	92796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1370023	126.77	ng	0.00
7) Phenol-d6	7.16	99	1453007	104.49	ng	0.00
23) Nitrobenzene-d5	9.16	82	1106996	93.04	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	803021	170.56	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	2788165	115.63	ng	0.00
78) Terphenyl-d14	19.95	244	4850359	113.36	ng	0.00
Target Compounds						
31) Naphthalene	10.83	128	110663	3.22	ng	Qvalue 96

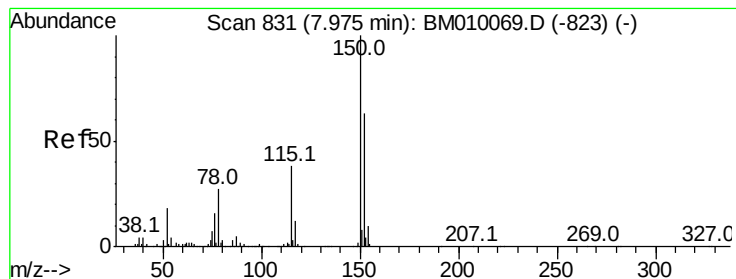
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010081.D

Acq: 19 May 2017 22:26

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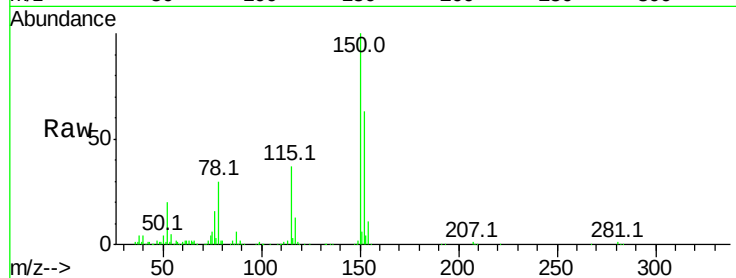
Tot Ion:152 Resp: 195158

Ion Ratio Lower Upper

152 100

150 159.9 119.5 179.3

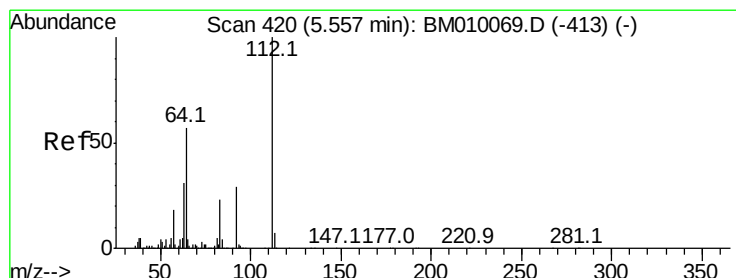
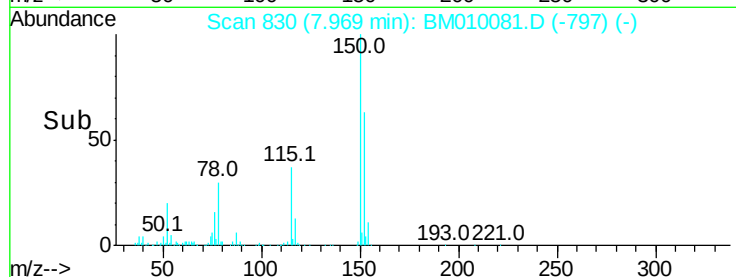
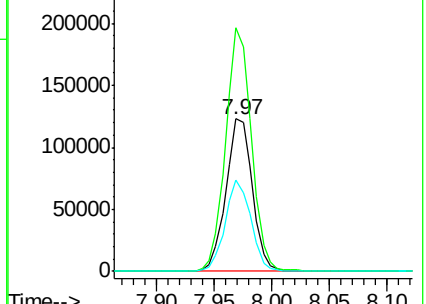
115 59.8 43.0 64.4



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: 126.77 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM010081.D

Acq: 19 May 2017 22:26

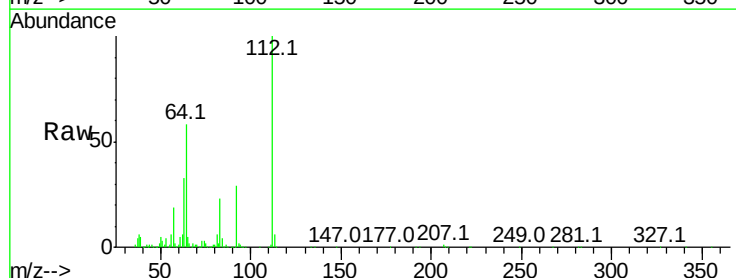
Tgt Ion:112 Resp: 1370023

Ion Ratio Lower Upper

112 100

64 58.2 38.6 57.8#

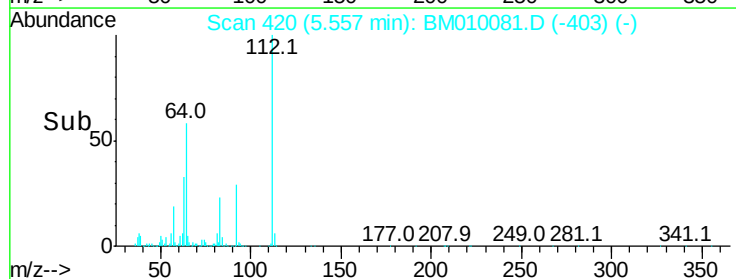
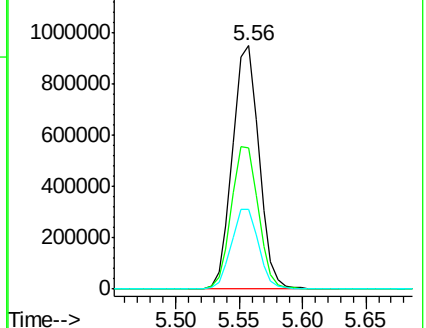
63 33.0 19.3 28.9#

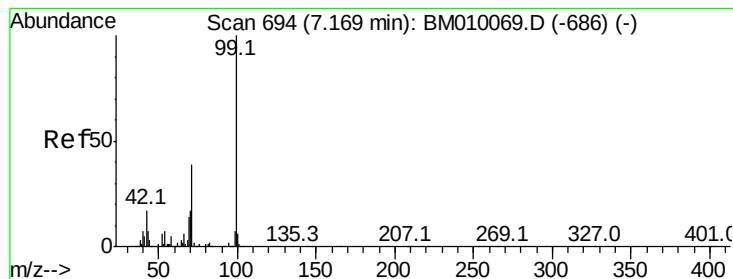


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 104.49 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010081.D

Acq: 19 May 2017 22:26

Instrument :

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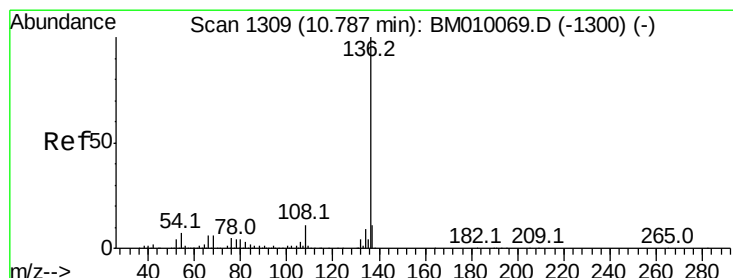
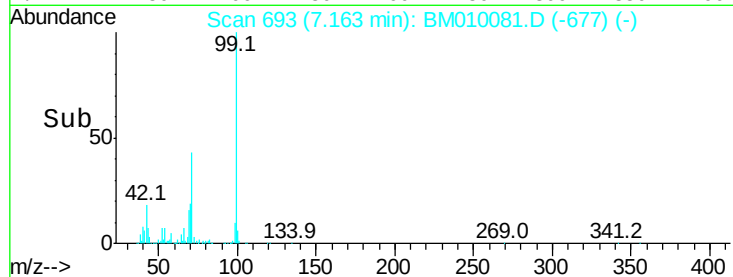
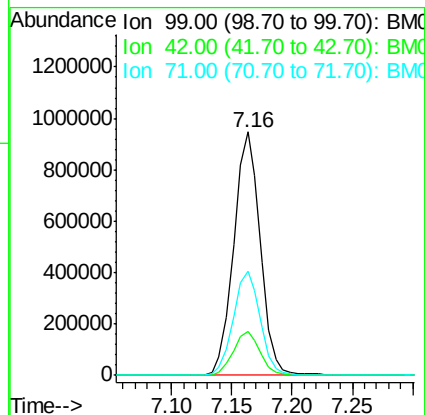
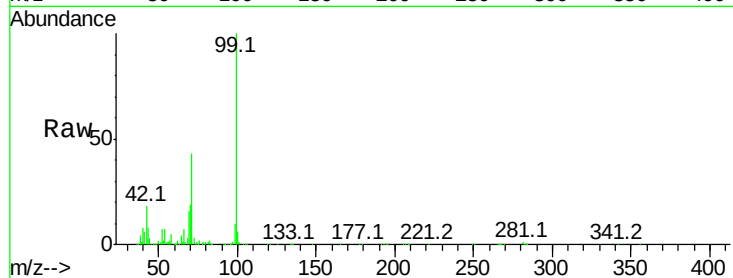
Tot Ion: 99 Resp: 1453007

Ion Ratio Lower Upper

99 100

42 18.2 11.0 16.4#

71 42.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BM010081.D

Acq: 19 May 2017 22:26

Tgt Ion: 136 Resp: 641915

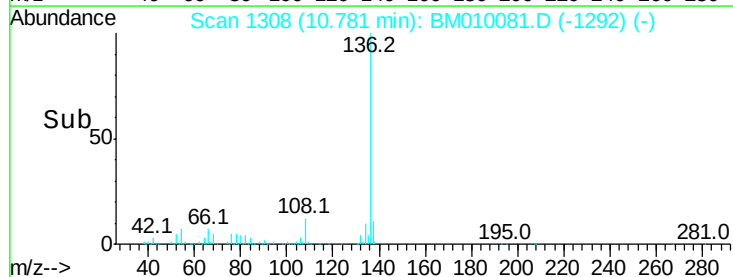
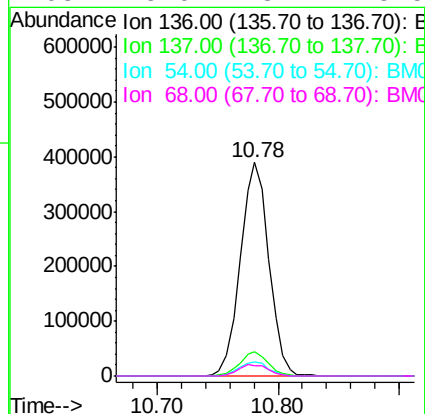
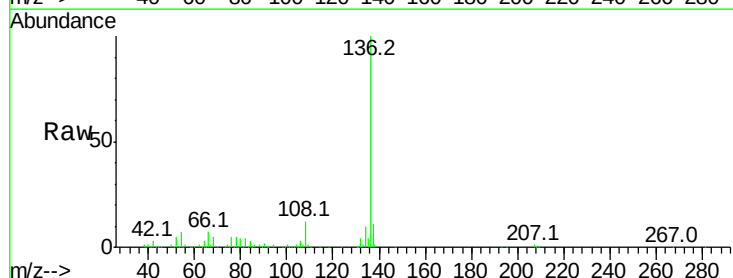
Ion Ratio Lower Upper

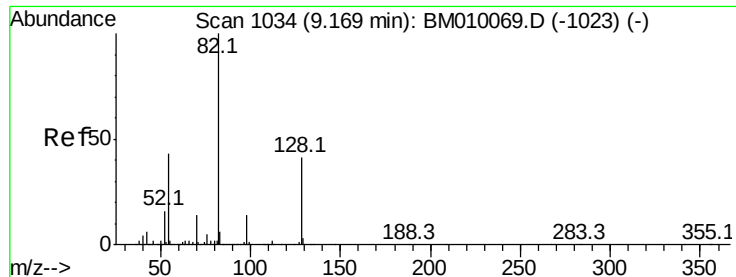
136 100

137 11.3 8.7 13.1

54 6.5 4.6 6.8

68 5.0 3.7 5.5

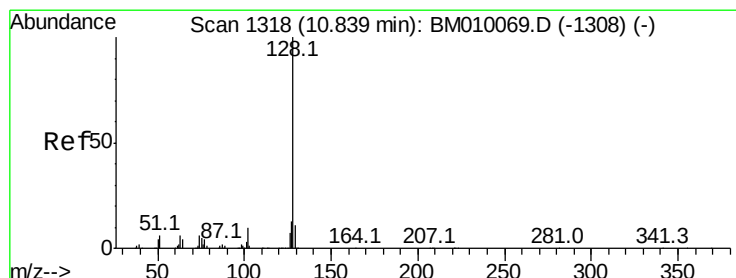
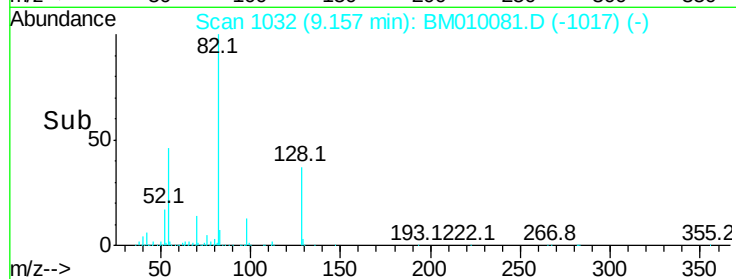
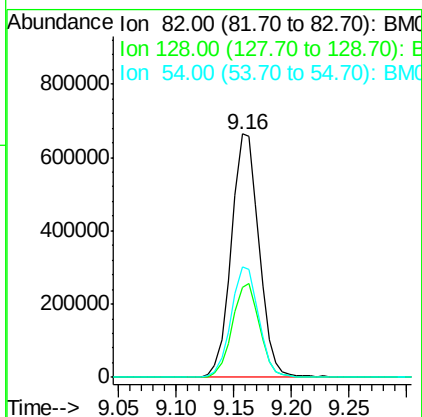
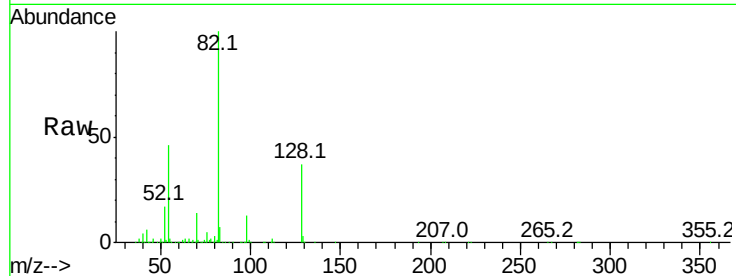




#23
Nitrobenzene-d5
Concen: 93.04 ng
RT: 9.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BM010081.D
Acq: 19 May 2017 22:26

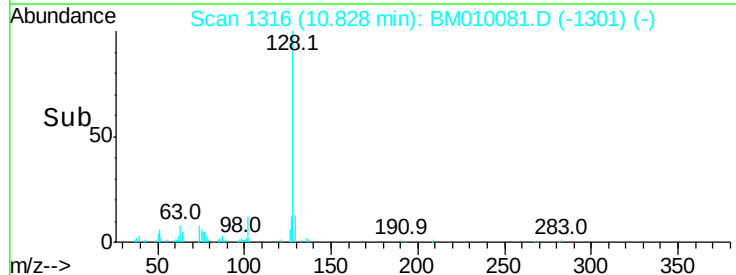
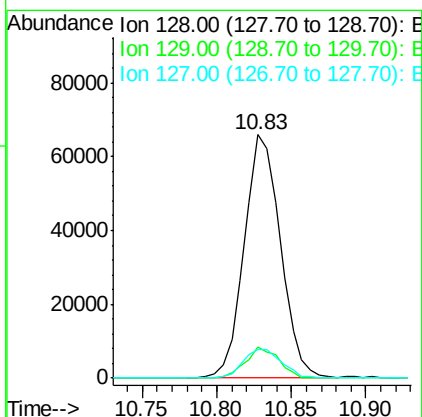
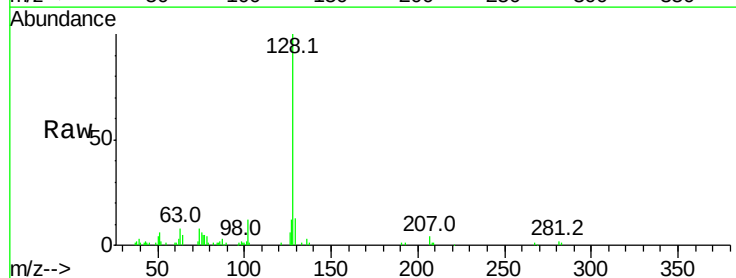
Instrument :
BNA_M
ClientSampleId :
SB-3COMP

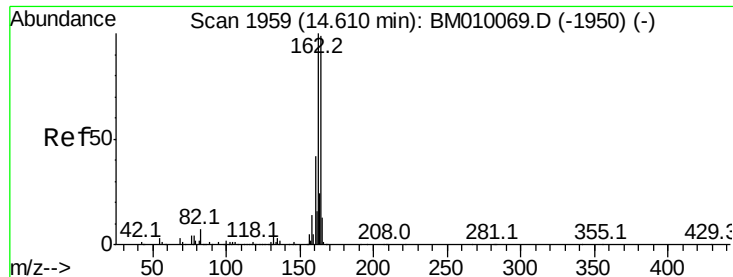
Tot Ion	82	Resp	1106996
Ion	Ratio	Lower	Upper
82	100		
128	36.9	32.8	49.2
54	45.6	40.6	60.8



#31
Naphthalene
Concen: 3.22 ng
RT: 10.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM010081.D
Acq: 19 May 2017 22:26

Tgt Ion	128	Resp	110663
Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.9	13.3
127	11.9	10.4	15.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BM010081.D

Acq: 19 May 2017 22:26

Instrument :

BNA_M

ClientSampleId :

SB-3COMP

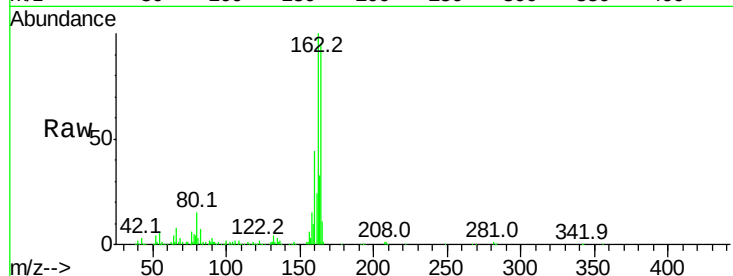
Tot Ion:164 Resp: 309992

Ion Ratio Lower Upper

164 100

162 105.0 82.4 123.6

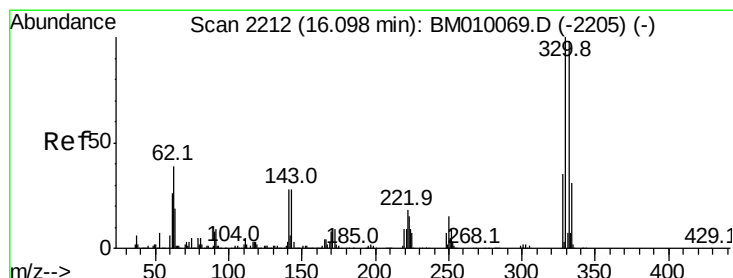
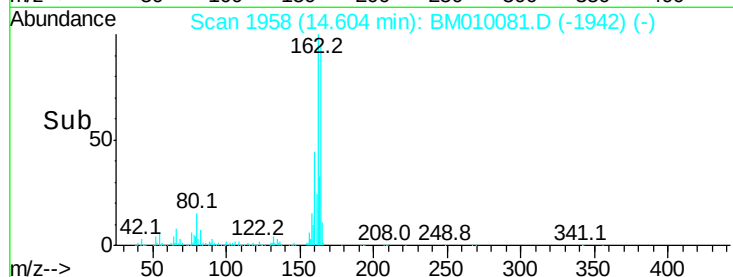
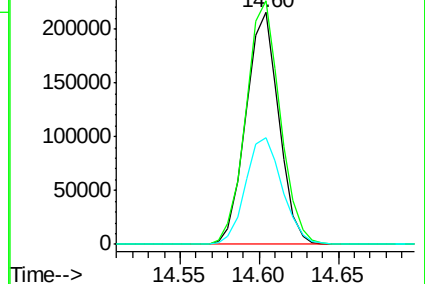
160 45.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 170.56 ng

RT: 16.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BM010081.D

Acq: 19 May 2017 22:26

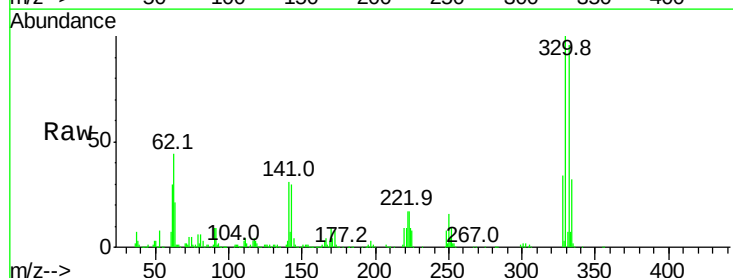
Tgt Ion:330 Resp: 803021

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

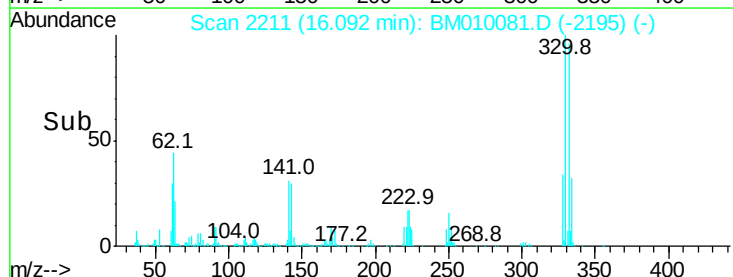
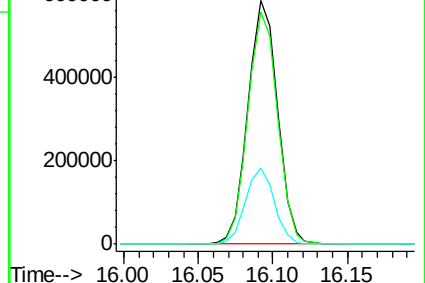
141 30.6 0.0 0.0#

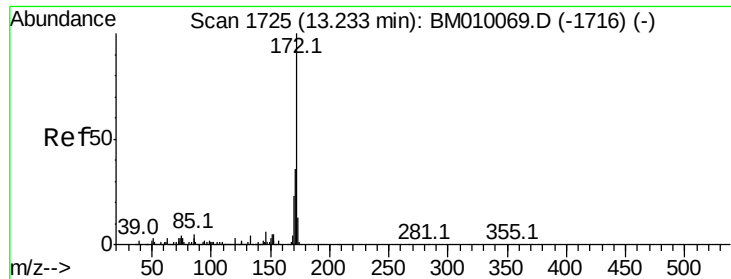


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

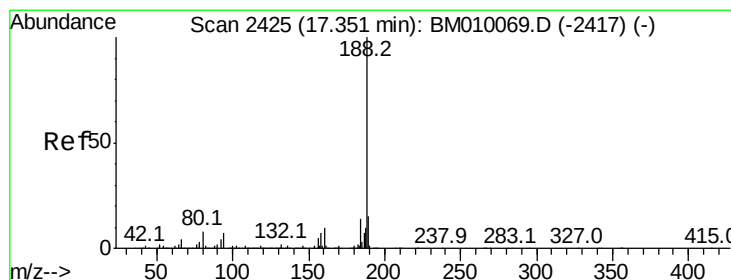
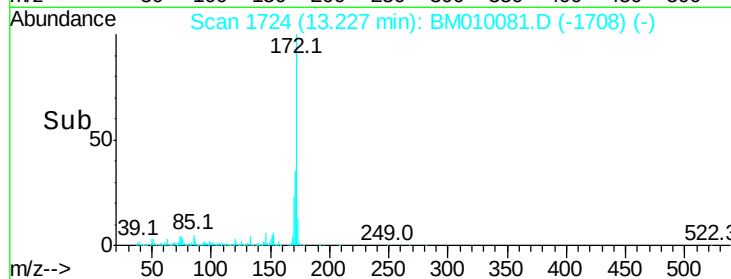
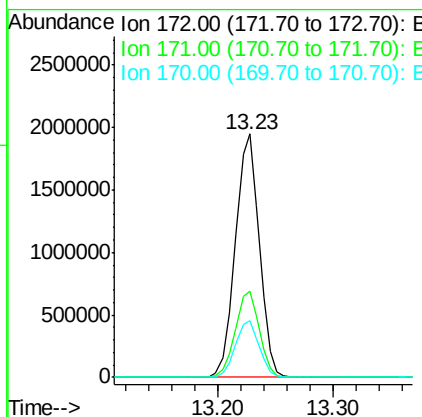
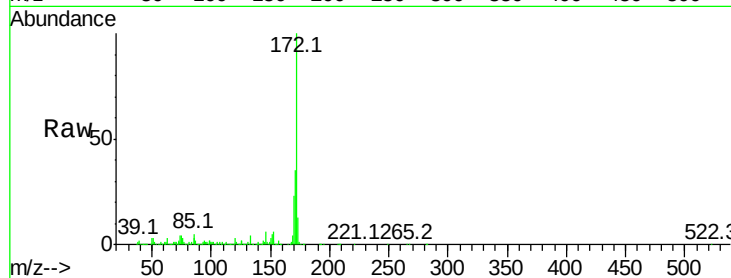




#44
2-Fluorobiphenyl
Concen: 115.63 ng
RT: 13.23 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BM010081.D
Acq: 19 May 2017 22:26

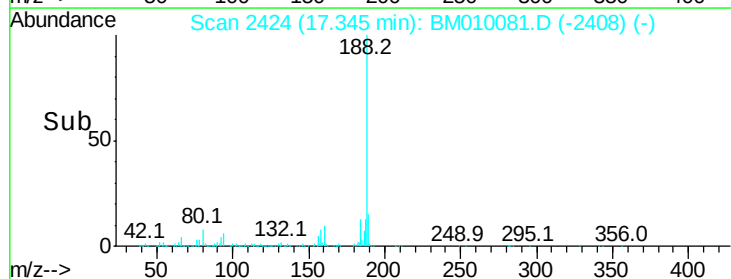
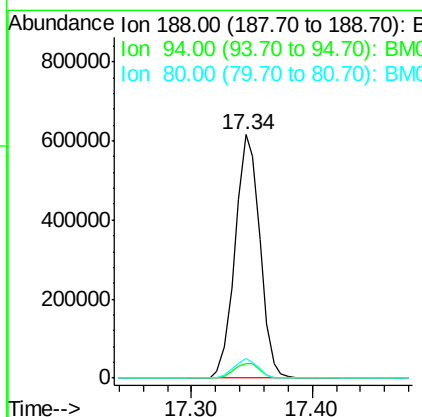
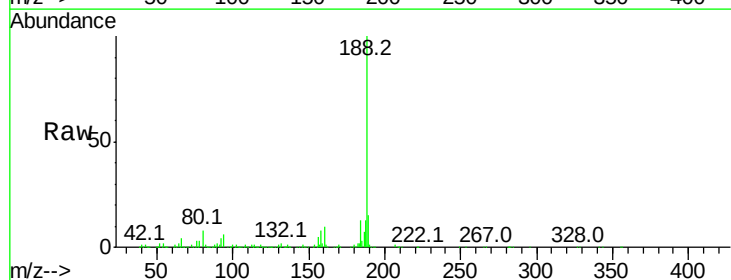
Instrument :
BNA_M
ClientSampleId :
SB-3COMP

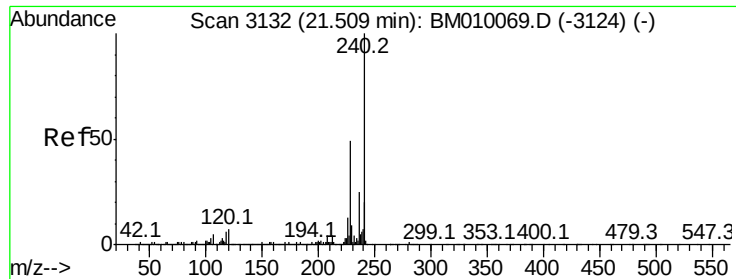
Tot Ion:172 Resp: 2788165
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.4 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BM010081.D
Acq: 19 May 2017 22:26

Tgt Ion:188 Resp: 881992
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 7.9 9.3 13.9#

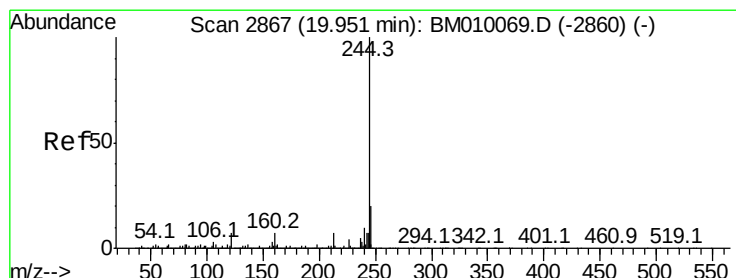
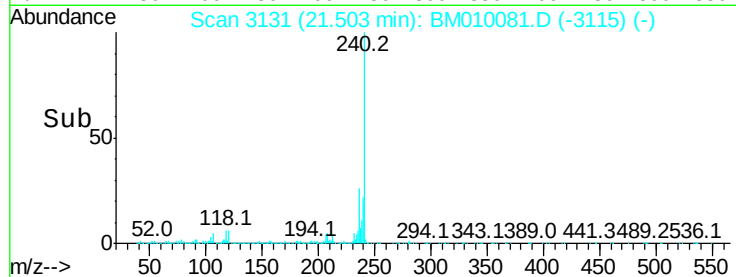
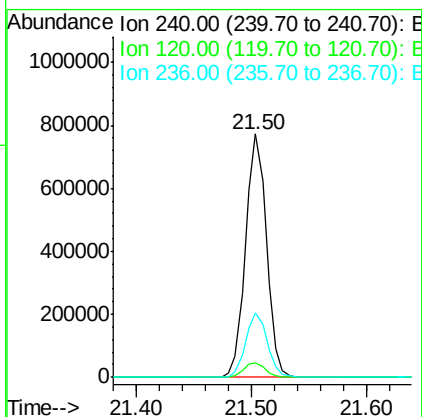
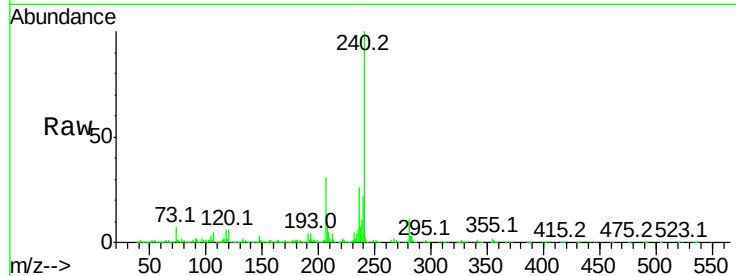




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM010081.D
Acq: 19 May 2017 22:26

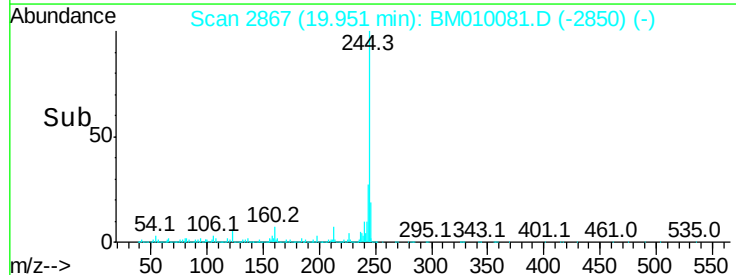
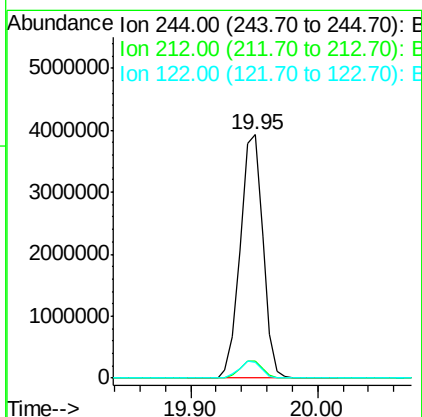
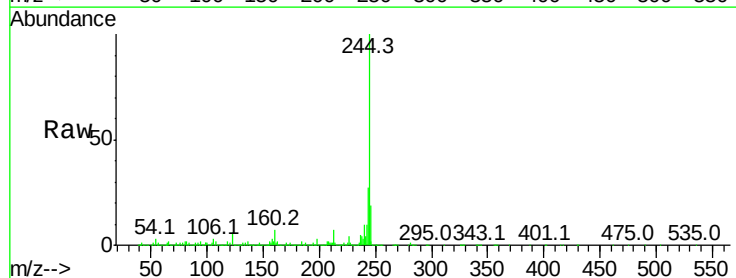
Instrument :
BNA_M
ClientSampleId :
SB-3COMP

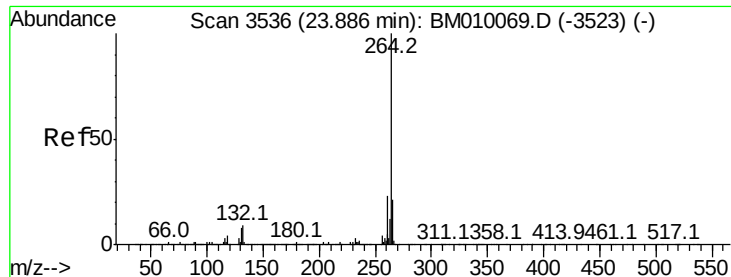
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.1	8.2	12.2#
236	26.4	20.0	30.0



#78
Terphenyl-d14
Concen: 113.36 ng
RT: 19.95 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BM010081.D
Acq: 19 May 2017 22:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	4.9	7.3
122	6.4	6.2	9.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.87 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BM010081.D
Acq: 19 May 2017 22:26

Instrument :
BNA_M
ClientSampleId :
SB-3COMP

Tot Ion: 264 Resp: 92796
Ion Ratio Lower Upper
264 100
260 83.3 18.6 27.8#
265 47.6 17.3 25.9#

