

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010082.D
 Acq On : 19 May 2017 23:02
 Operator : SJ/MA
 Sample : I3202-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-4COMP

Quant Time: May 20 04:42:45 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

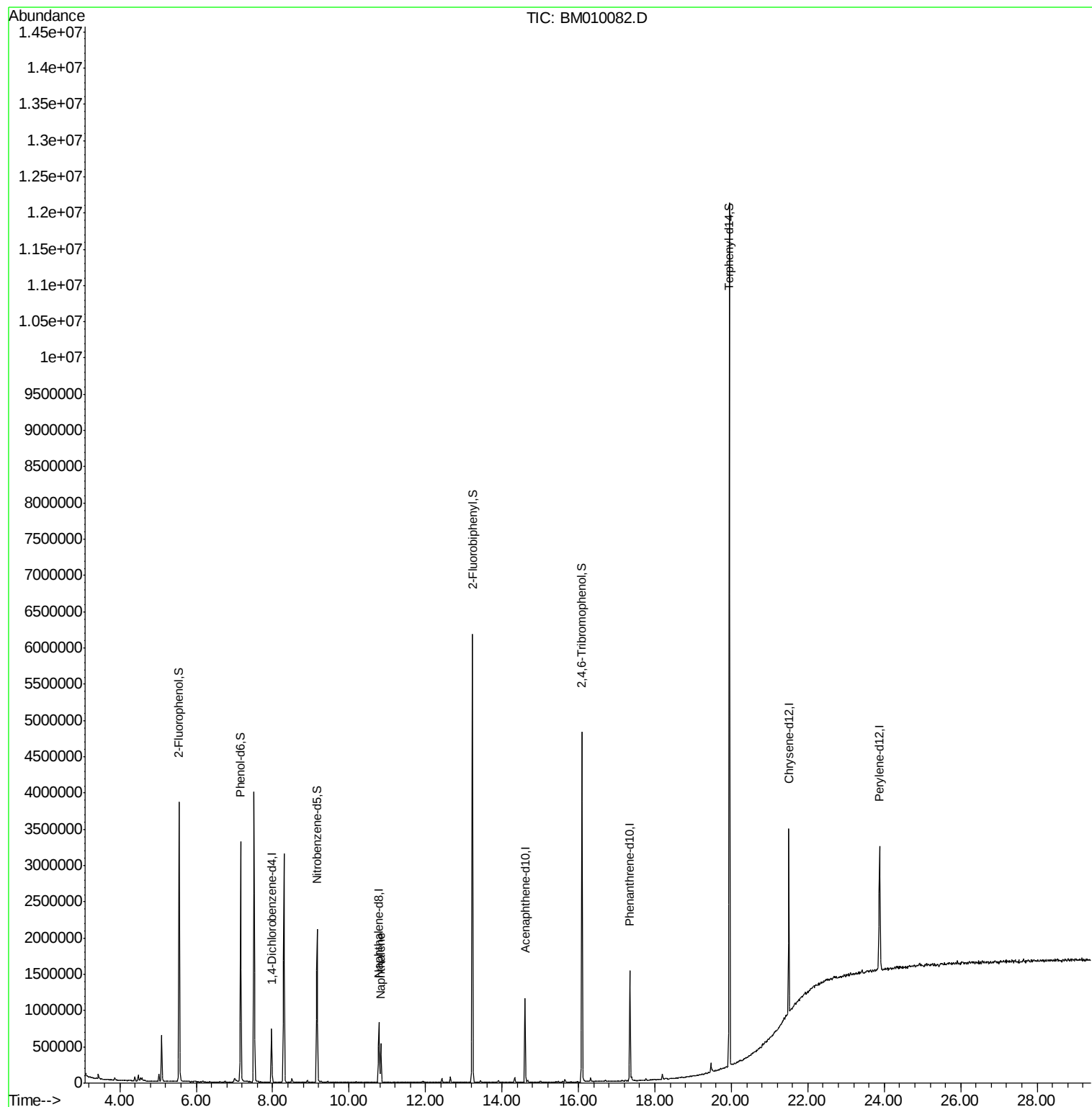
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	191623	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	629650	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	378887	20.00	ng	0.00
63) Phenanthrene-d10	17.34	188	895404	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1258382	20.00	ng	0.00
86) Perylene-d12	23.87	264	1259034	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1515036	142.78	ng	0.00
7) Phenol-d6	7.16	99	1716586	125.72	ng	0.00
23) Nitrobenzene-d5	9.16	82	1231626	105.53	ng	0.00
41) 2,4,6-Tribromophenol	16.09	330	853876	148.38	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	3116365	105.74	ng	0.00
78) Terphenyl-d14	19.95	244	5142379	92.92	ng	0.00
Target Compounds						
31) Naphthalene	10.83	128	418860	12.44	ng	Qvalue 99

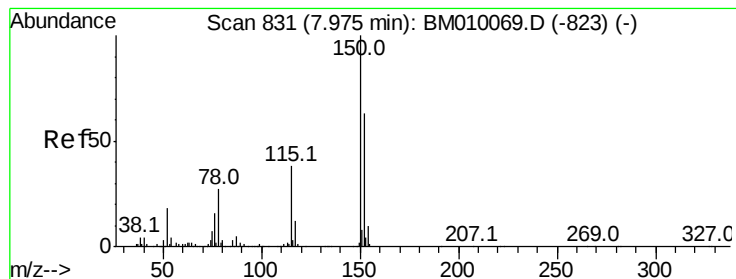
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

SB-4COMP

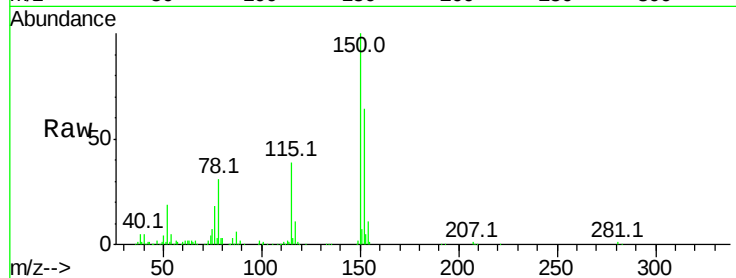
Tot Ion:152 Resp: 191623

Ion Ratio Lower Upper

152 100

150 157.3 119.5 179.3

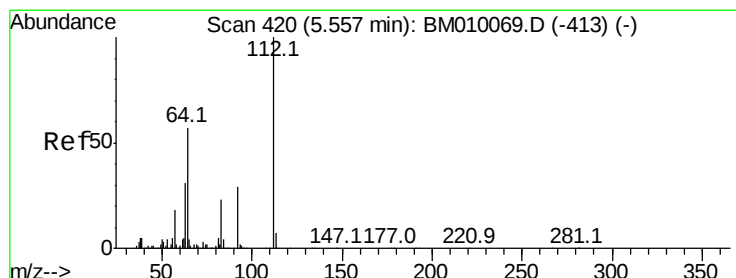
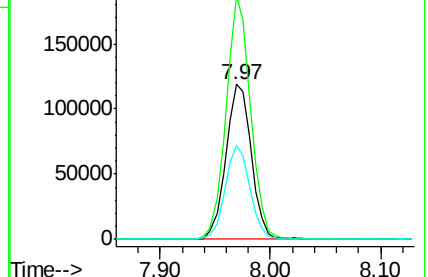
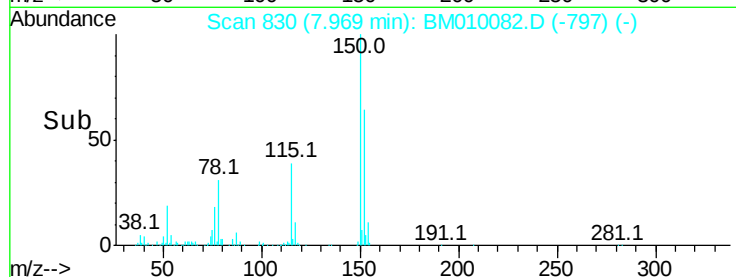
115 61.0 43.0 64.4



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: 142.78 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

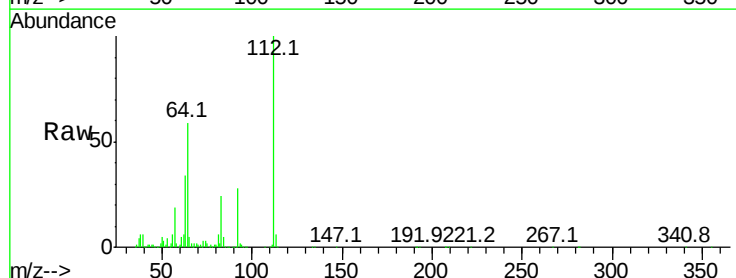
Tgt Ion:112 Resp: 1515036

Ion Ratio Lower Upper

112 100

64 59.0 38.6 57.8#

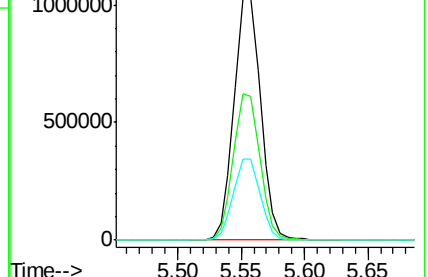
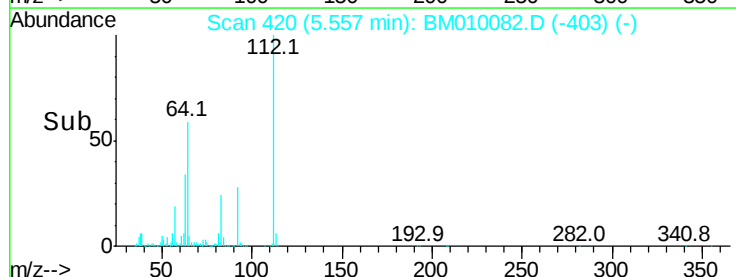
63 33.5 19.3 28.9#



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: 125.72 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

SB-4COMP

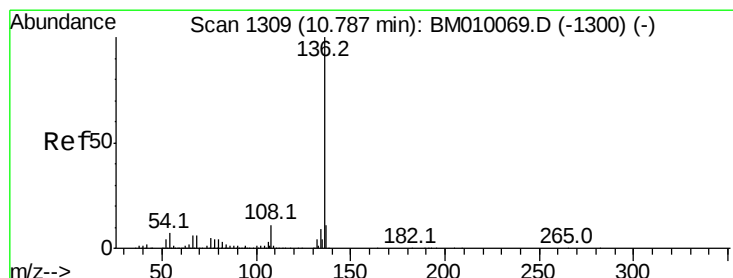
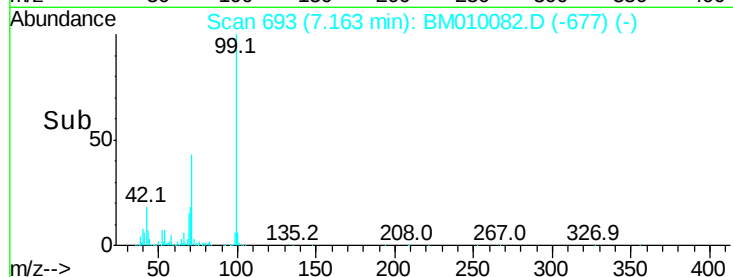
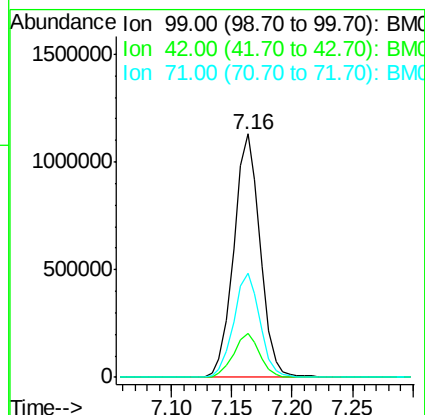
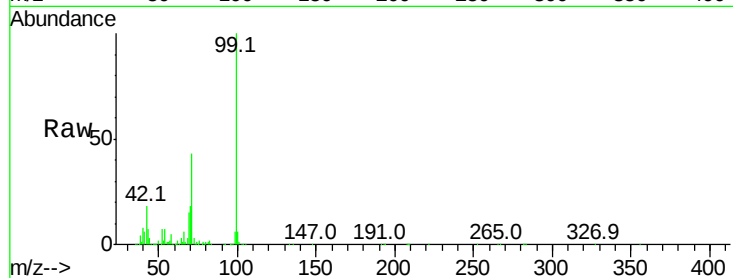
Tot Ion: 99 Resp: 1716586

Ion Ratio Lower Upper

99 100

42 17.9 11.0 16.4#

71 42.9 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: BM010082.D

Acq: 19 May 2017 23:02

Tgt Ion:136 Resp: 629650

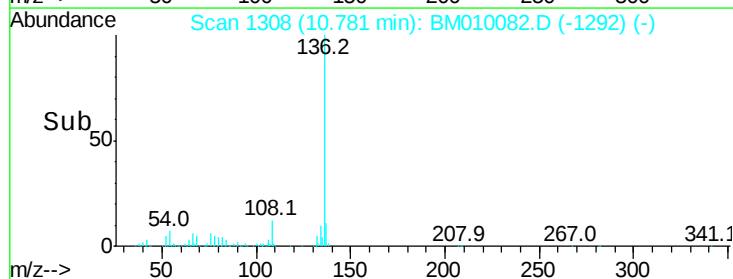
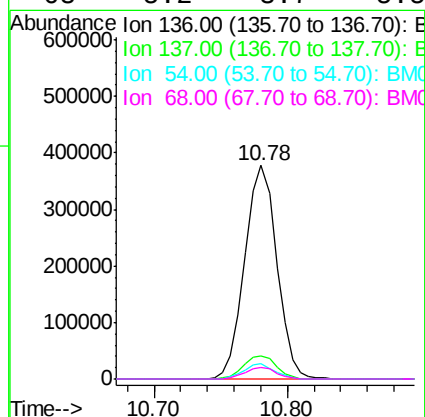
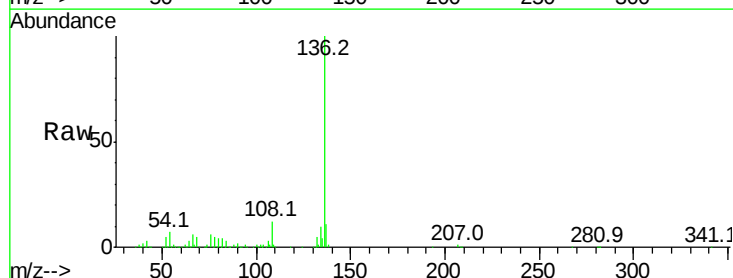
Ion Ratio Lower Upper

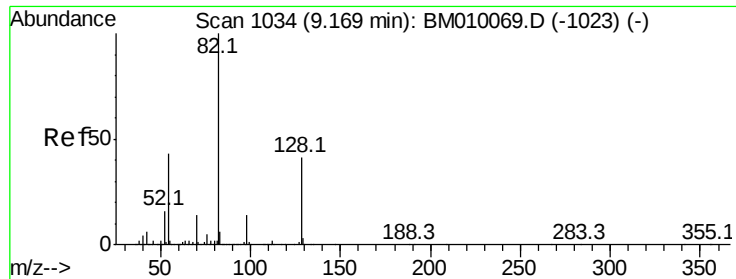
136 100

137 10.6 8.7 13.1

54 6.9 4.6 6.8#

68 5.2 3.7 5.5



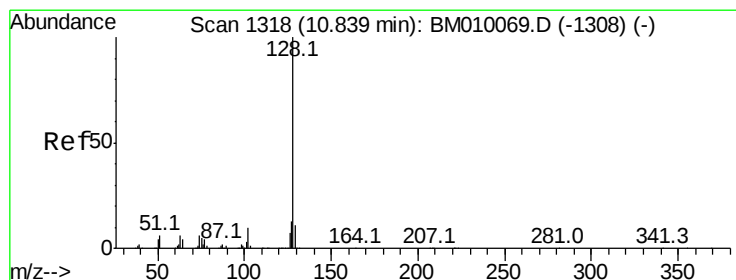
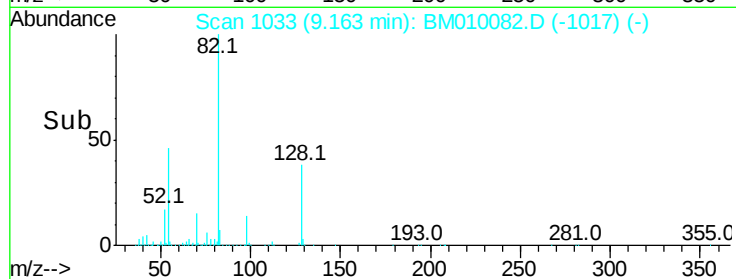
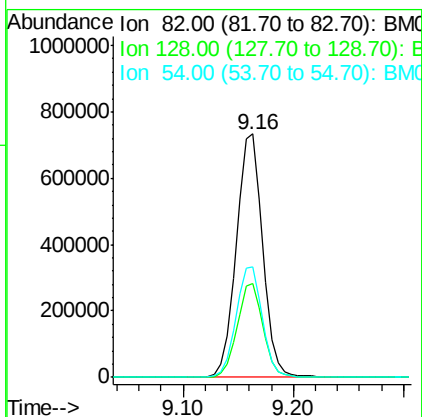
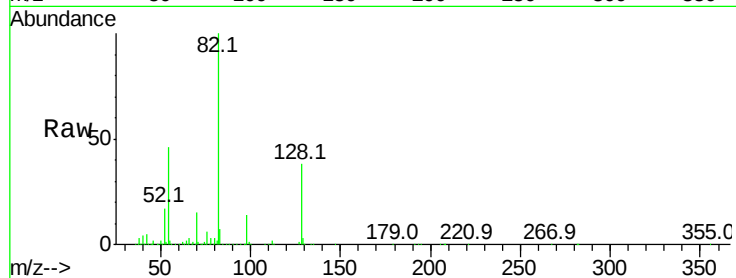


#23
 Nitrobenzene-d5
 Concen: 105.53 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BM010082.D
 Acq: 19 May 2017 23:02

Instrument :
 BNA_M
 ClientSampleId :
 SB-4COMP

Tot Ion: 82 Resp: 1231626

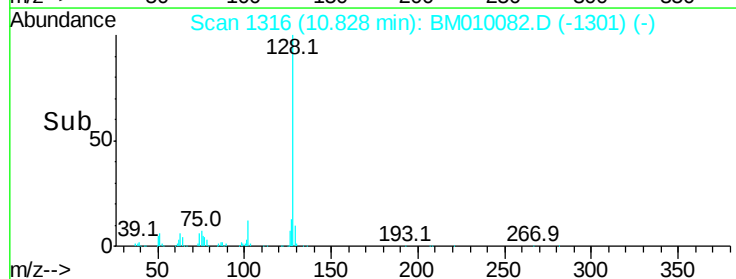
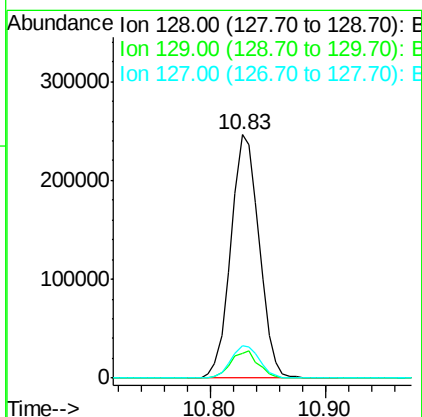
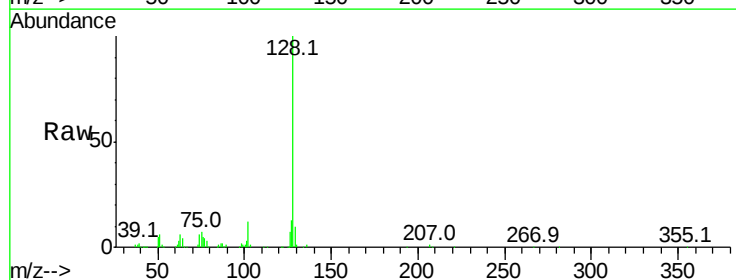
Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.8	49.2
54	45.6	40.6	60.8

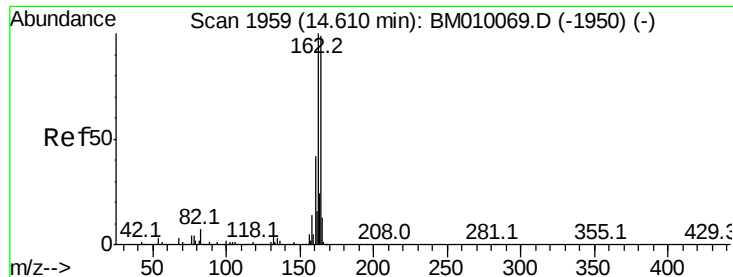


#31
 Naphthalene
 Concen: 12.44 ng
 RT: 10.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BM010082.D
 Acq: 19 May 2017 23:02

Tgt Ion: 128 Resp: 418860

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.9	13.3
127	13.2	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: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

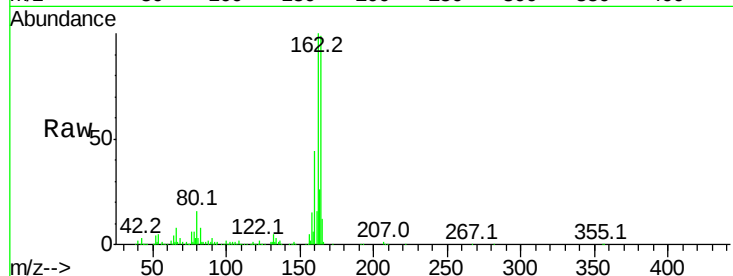
BNA_M

ClientSampleId :

SB-4COMP

Tot Ion:164 Resp: 378887

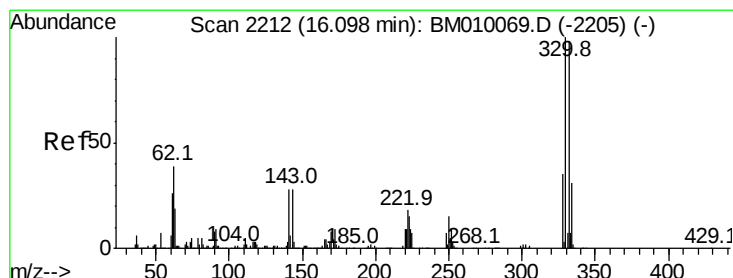
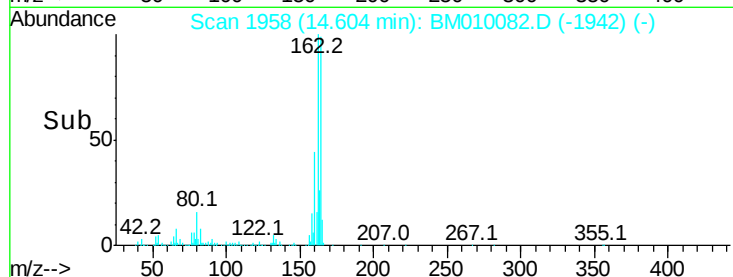
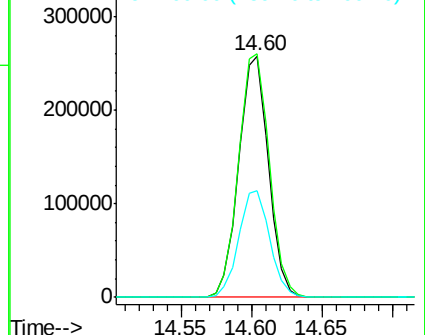
Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.4	123.6
160	43.9	35.8	53.6



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: 148.38 ng

RT: 16.09 min Scan# 2211

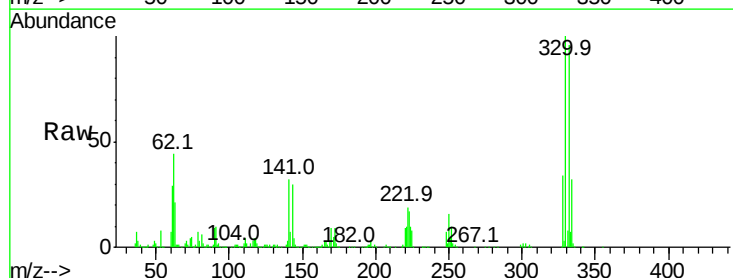
Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Tgt Ion:330 Resp: 853876

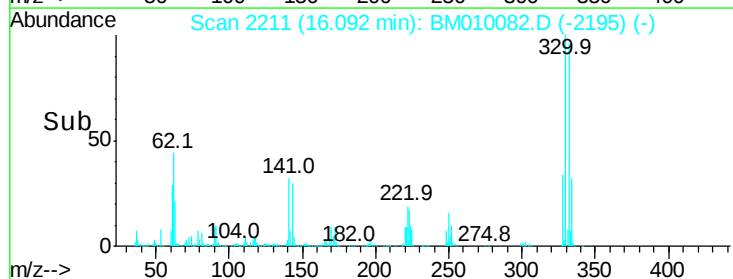
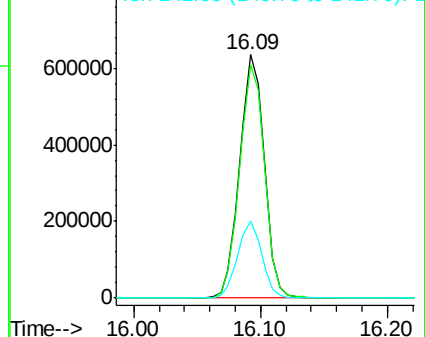
Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	31.1	0.0	0.0#

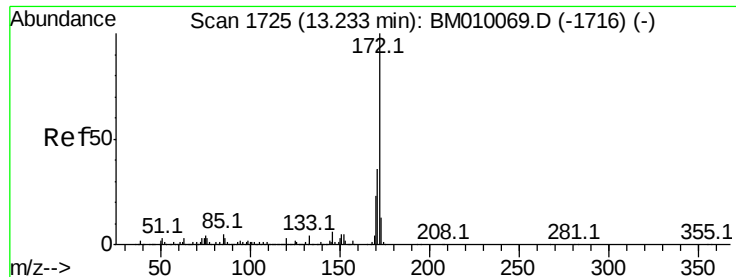


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



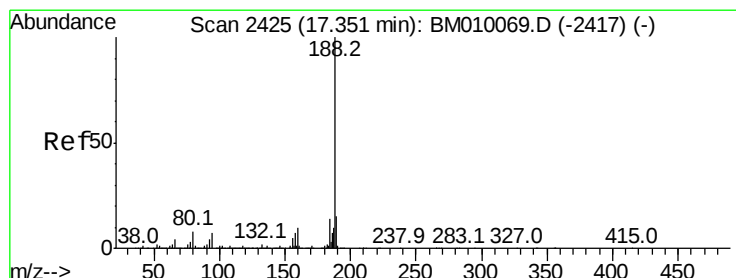
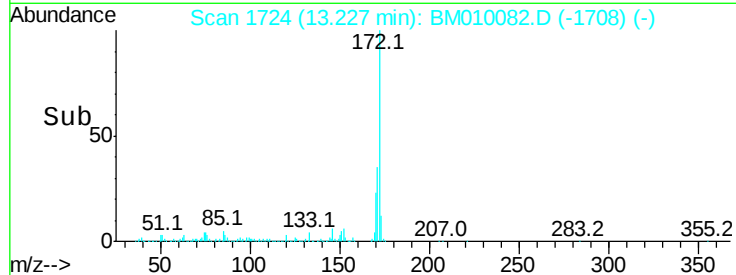
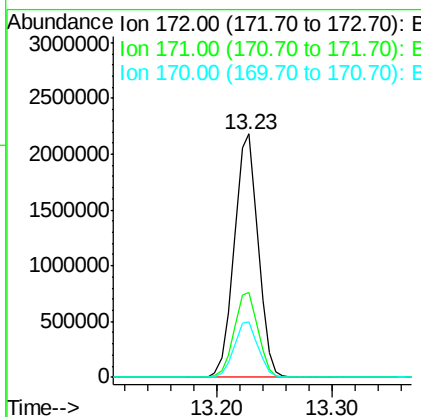
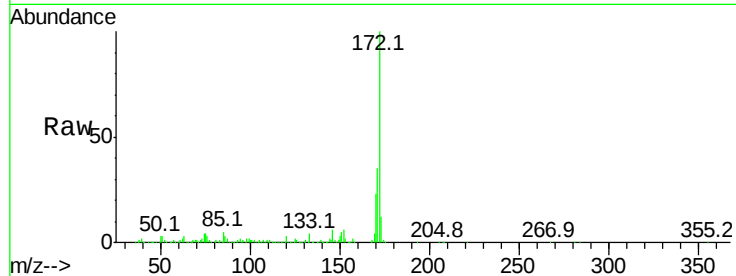


#44
 2-Fluorobiphenyl
 Concen: 105.74 ng
 RT: 13.23 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BM010082.D
 Acq: 19 May 2017 23:02

Instrument :
 BNA_M
 ClientSampleId :
 SB-4COMP

Tot Ion:172 Resp: 3116365

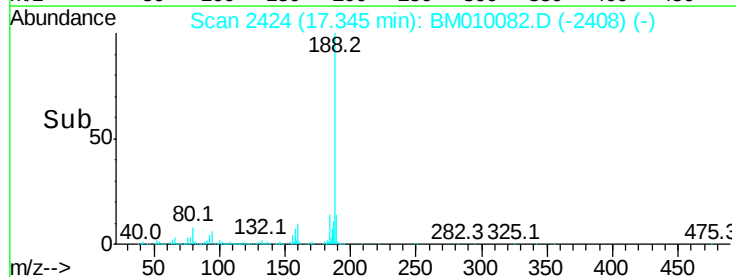
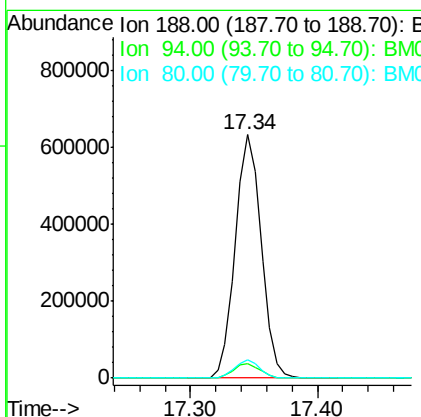
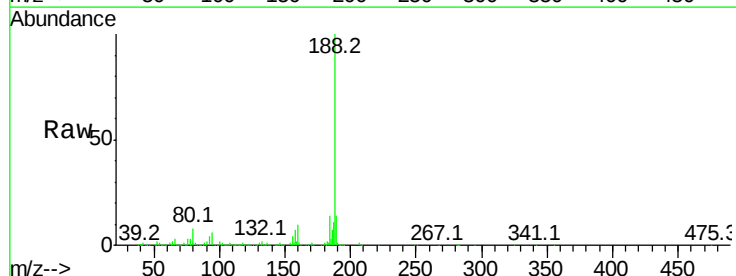
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	22.7	18.8	28.2

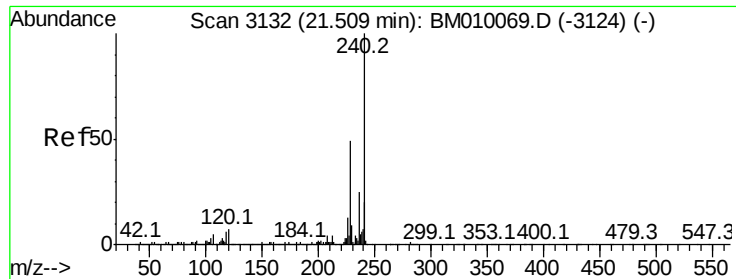


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.34 min Scan# 2424
 Delta R.T. -0.01 min
 Lab File: BM010082.D
 Acq: 19 May 2017 23:02

Tgt Ion:188 Resp: 895404

Ion	Ratio	Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	7.7	9.3	13.9#

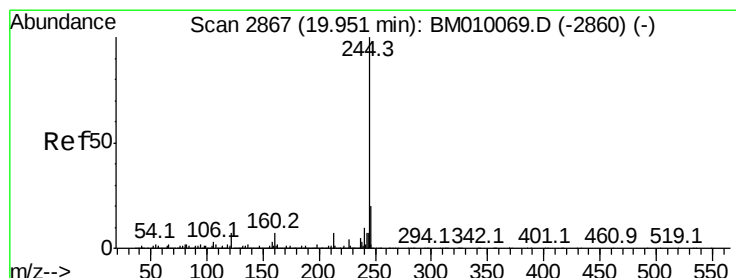
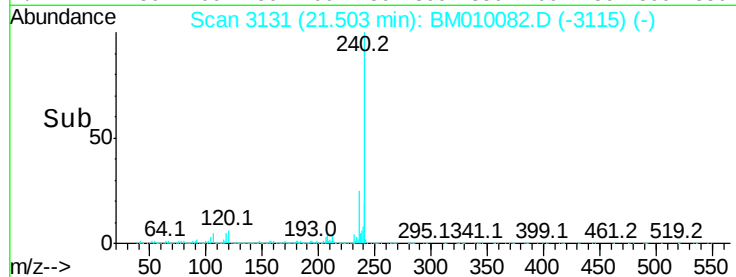
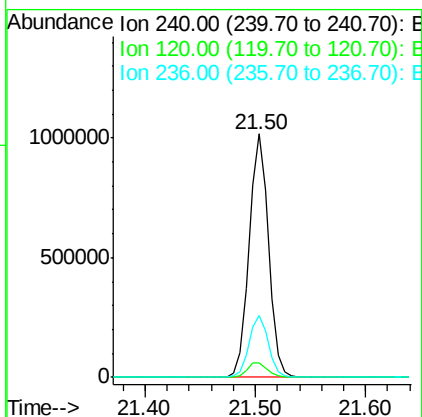
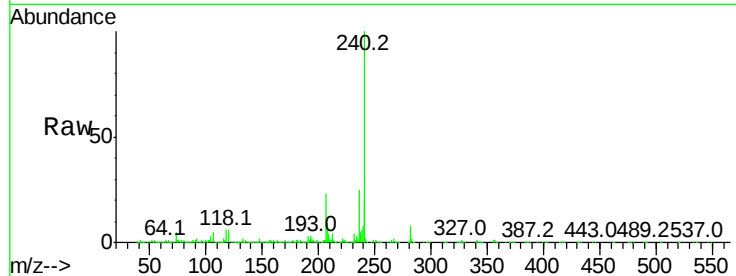




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

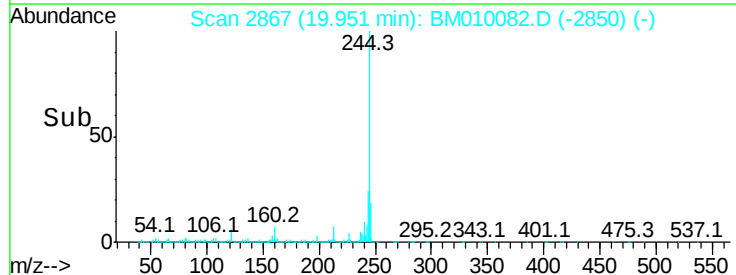
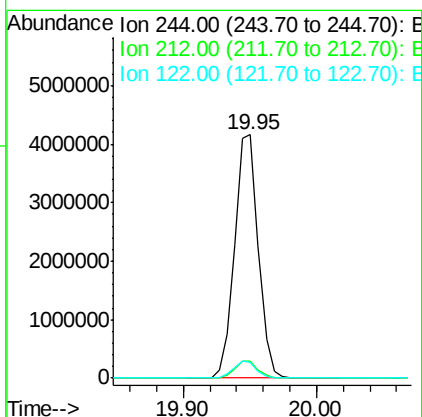
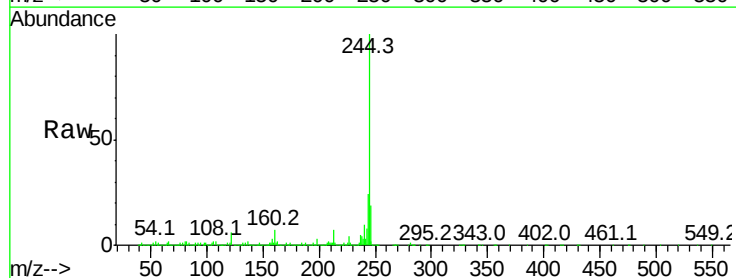
Instrument :
BNA_M
ClientSampleId :
SB-4COMP

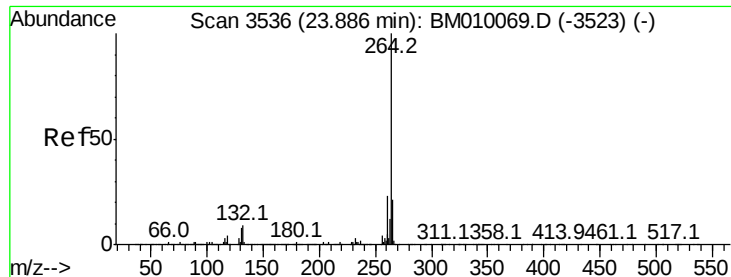
Tot Ion:240 Resp: 1258382
Ion Ratio Lower Upper
240 100
120 6.0 8.2 12.2#
236 25.2 20.0 30.0



#78
Terphenyl-d14
Concen: 92.92 ng
RT: 19.95 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:244 Resp: 5142379
Ion Ratio Lower Upper
244 100
212 7.1 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: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampleId :
SB-4COMP

Tot Ion: 264 Resp: 1259034

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.6	27.8
265	22.6	17.3	25.9

