

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010083.D
 Acq On : 19 May 2017 23:38
 Operator : SJ/MA
 Sample : I3202-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-5COMP

Quant Time: May 20 04:44:25 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	172939	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	584277	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	354298	20.00	ng	0.00
63) Phenanthrene-d10	17.34	188	883980	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1389854	20.00	ng	0.00
86) Perylene-d12	23.87	264	987404	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1337176	139.63	ng	0.00
7) Phenol-d6	7.16	99	1509517	122.50	ng	0.00
23) Nitrobenzene-d5	9.16	82	1078114	99.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	809072	150.36	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	2746739	99.66	ng	0.00
78) Terphenyl-d14	19.94	244	5431145	88.85	ng	0.00

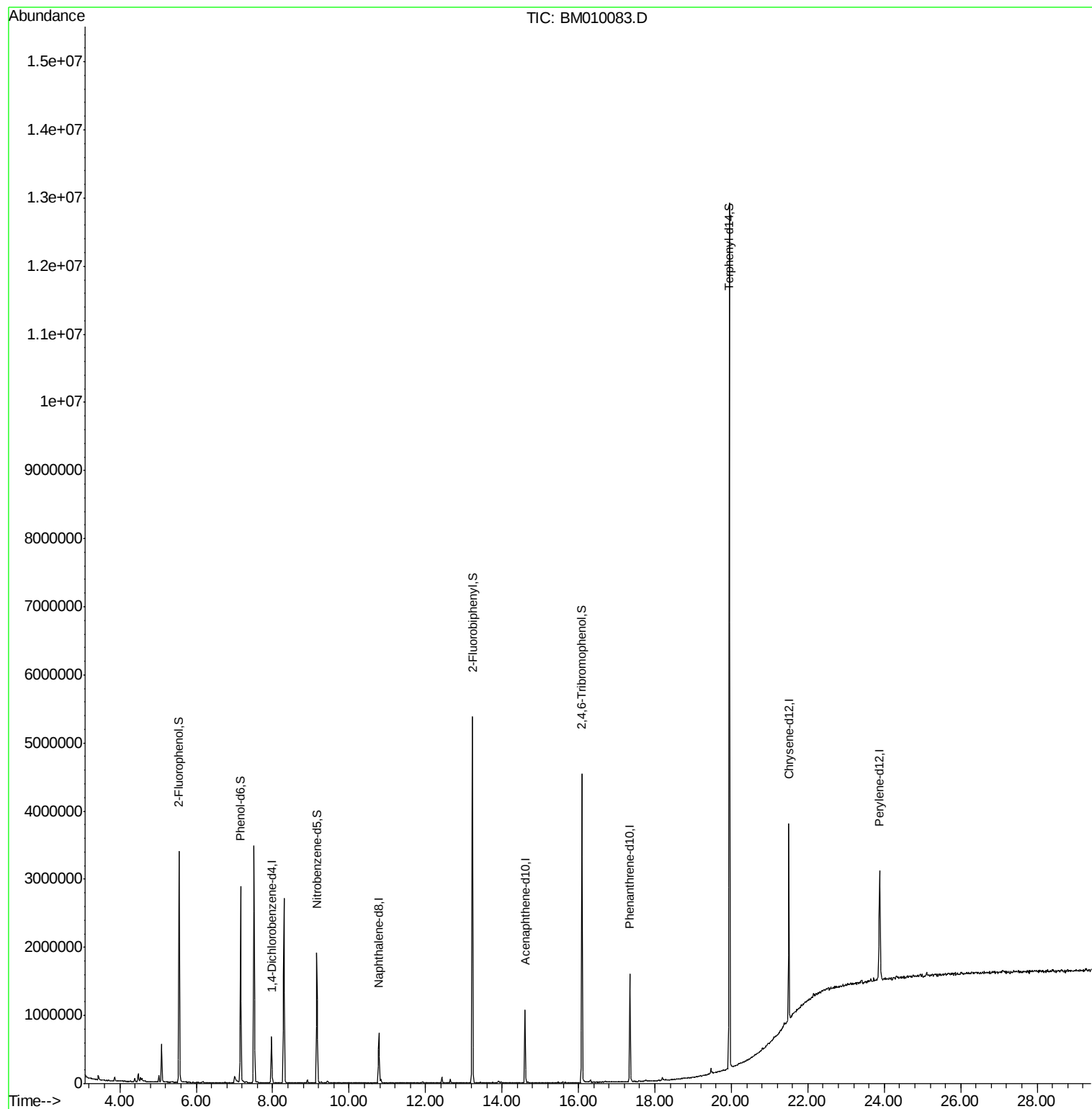
Target Compounds Qvalue

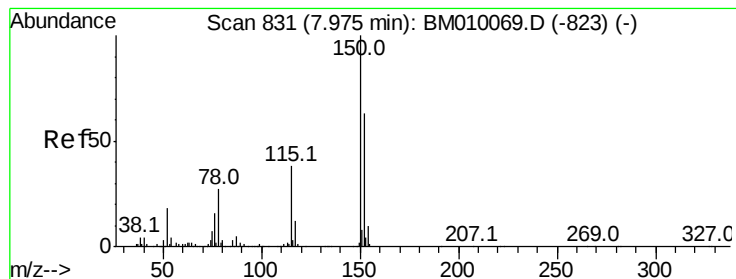
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Acq: 19 May 2017 23:38

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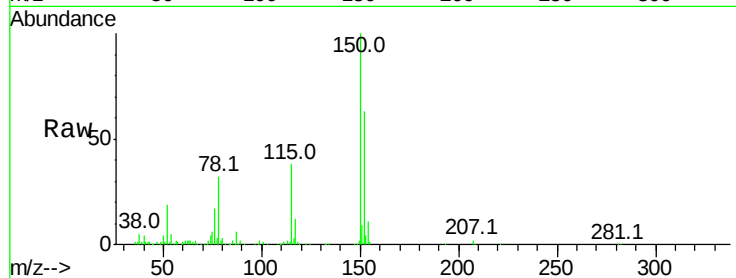
Tot Ion:152 Resp: 172939

Ion Ratio Lower Upper

152 100

150 160.0 119.5 179.3

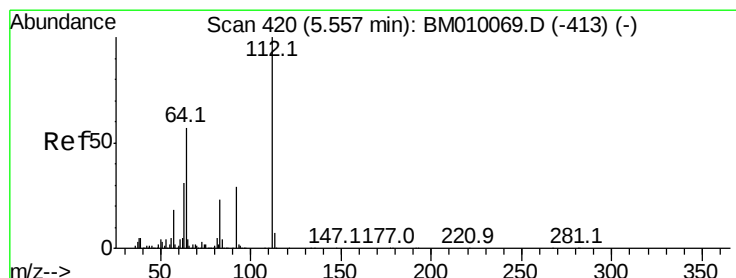
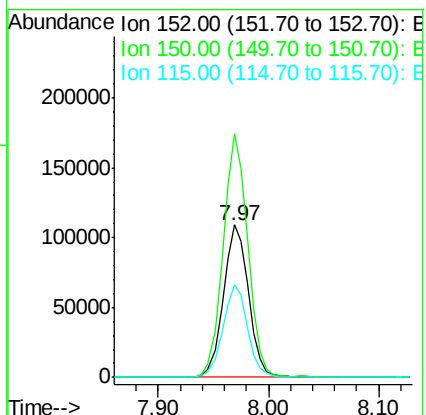
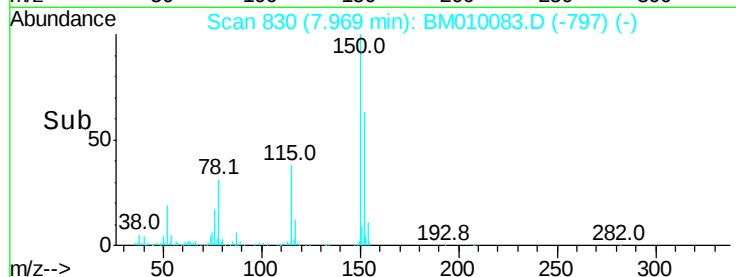
115 60.6 43.0 64.4



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: 139.63 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

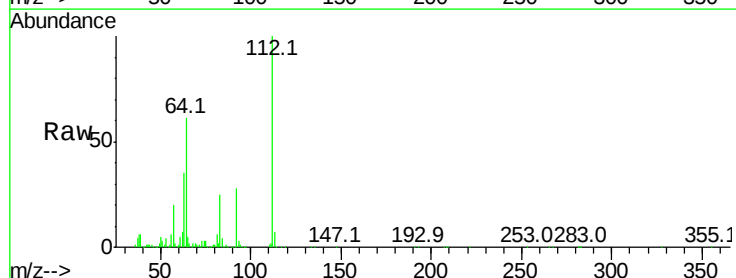
Tgt Ion:112 Resp: 1337176

Ion Ratio Lower Upper

112 100

64 61.4 38.6 57.8#

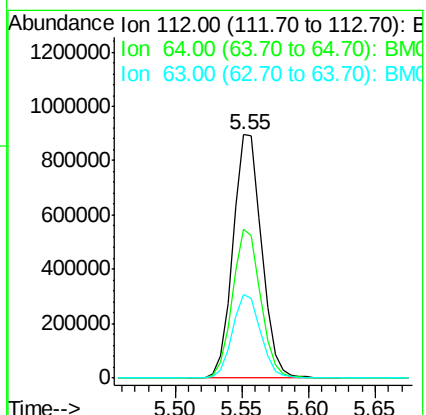
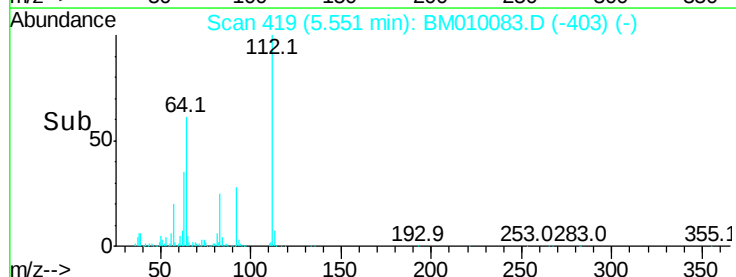
63 34.5 19.3 28.9#

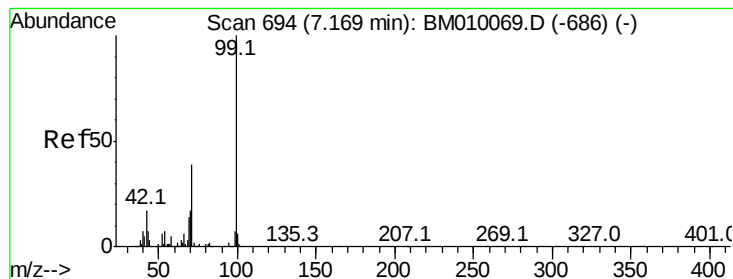


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 122.50 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

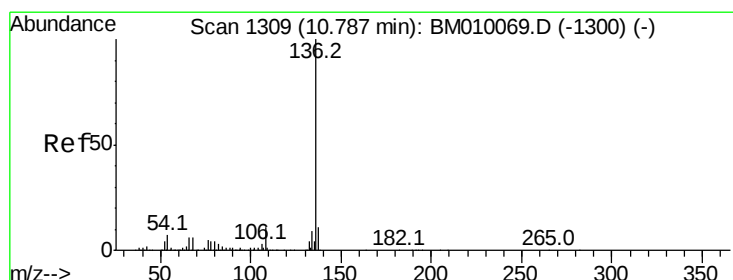
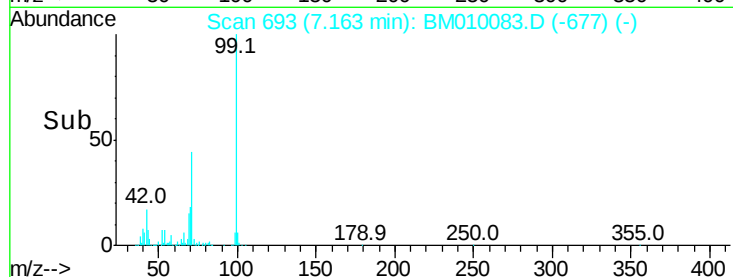
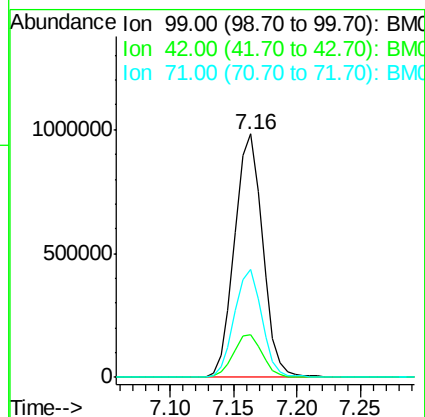
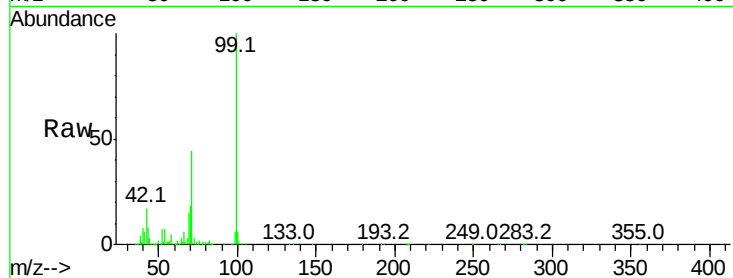
BNA_M

ClientSampleId :

SB-5COMP

Tot Ion: 99 Resp: 1509517

Ion	Ratio	Lower	Upper
99	100		
42	17.3	11.0	16.4#
71	44.1	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.78 min Scan# 1308

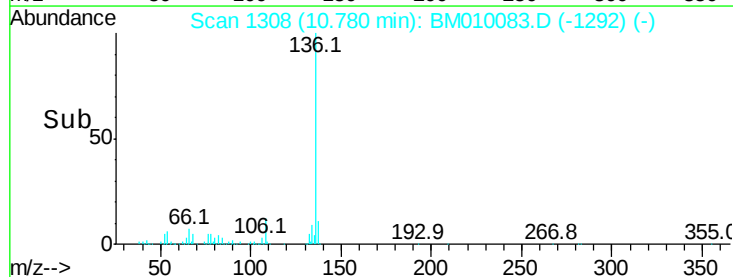
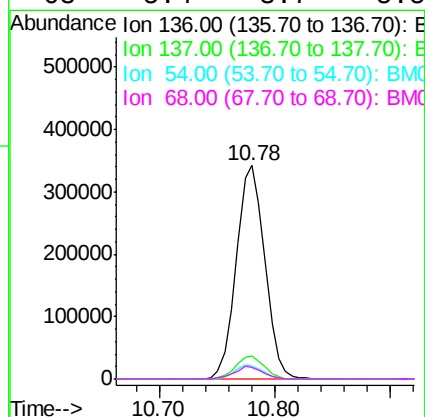
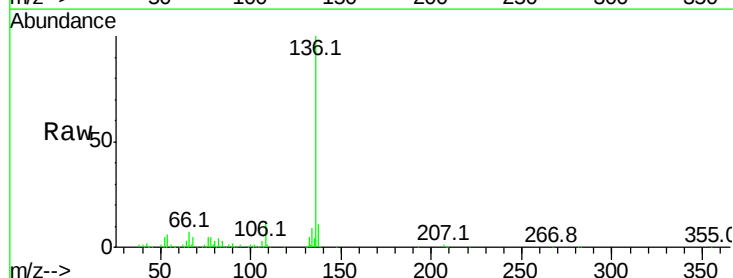
Delta R.T. -0.01 min

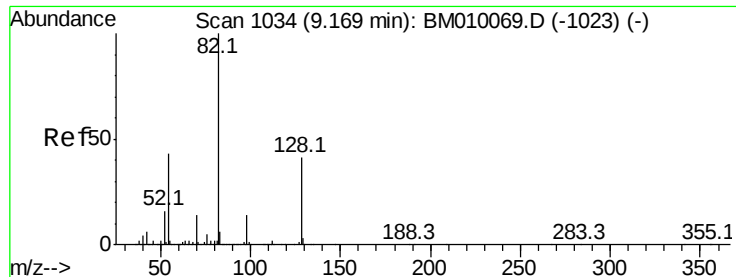
Lab File: BM010083.D

Acq: 19 May 2017 23:38

Tgt Ion: 136 Resp: 584277

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.3	4.6	6.8
68	5.4	3.7	5.5

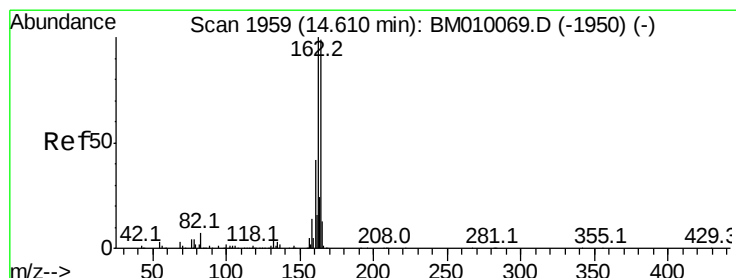
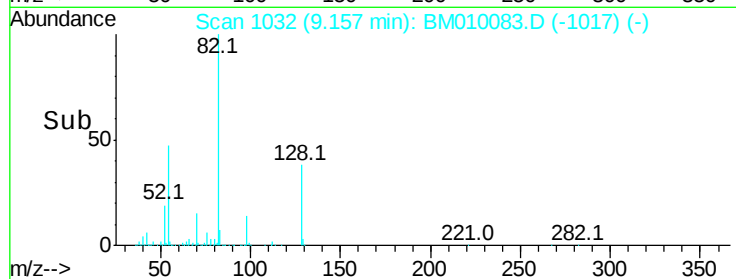
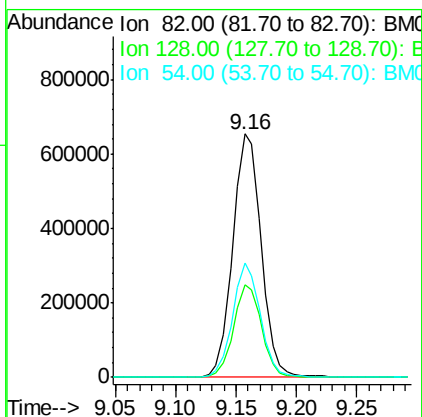
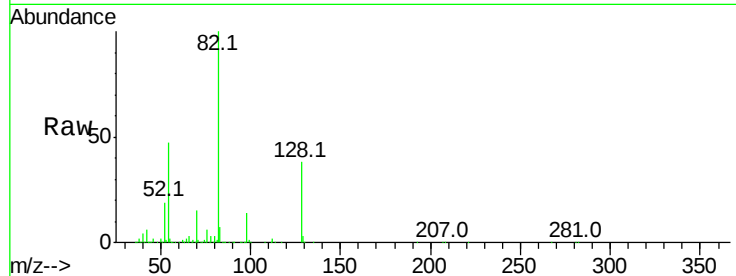




#23
 Nitrobenzene-d5
 Concen: 99.55 ng
 RT: 9.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BM010083.D
 Acq: 19 May 2017 23:38

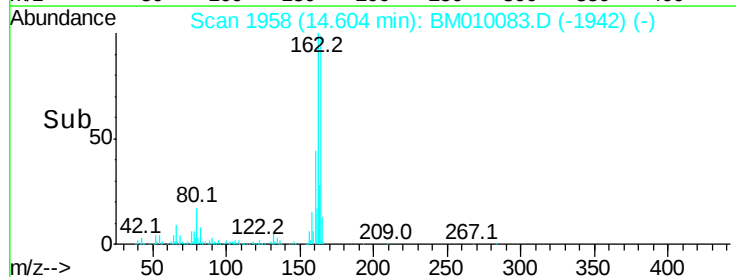
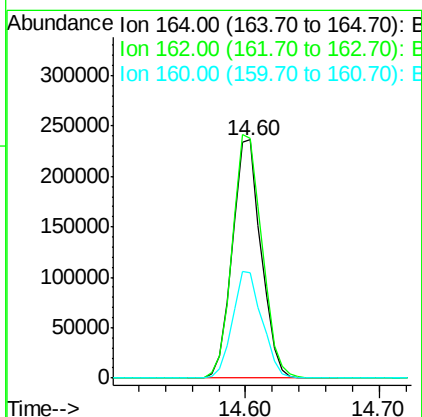
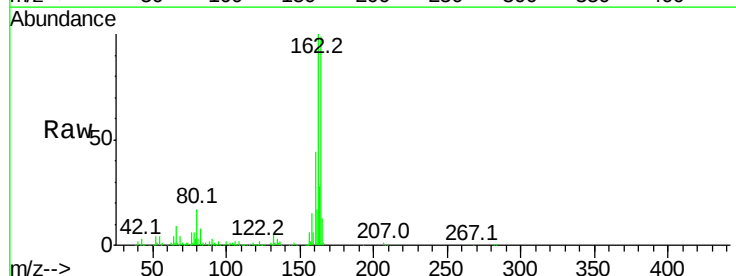
Instrument :
 BNA_M
 ClientSampleId :
 SB-5COMP

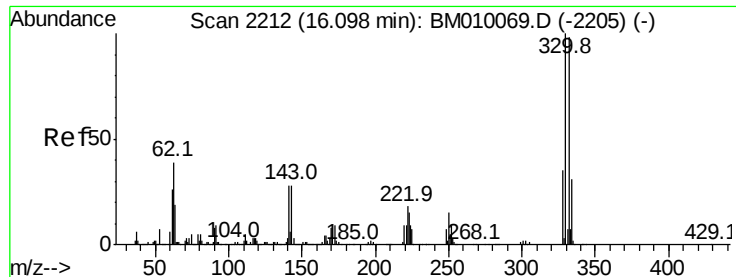
Tot Ion	82	Resp	1078114
Ion	Ratio	Lower	Upper
82	100		
128	37.9	32.8	49.2
54	46.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BM010083.D
 Acq: 19 May 2017 23:38

Tgt Ion	164	Resp	354298
Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.4	123.6
160	44.4	35.8	53.6

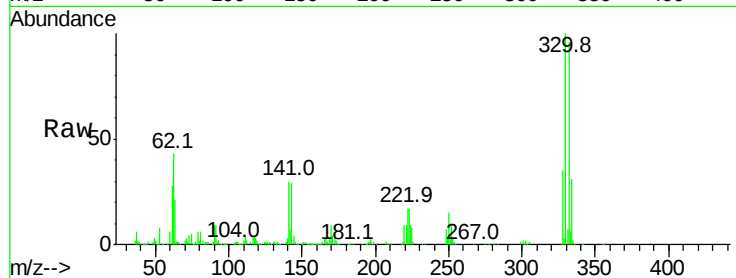




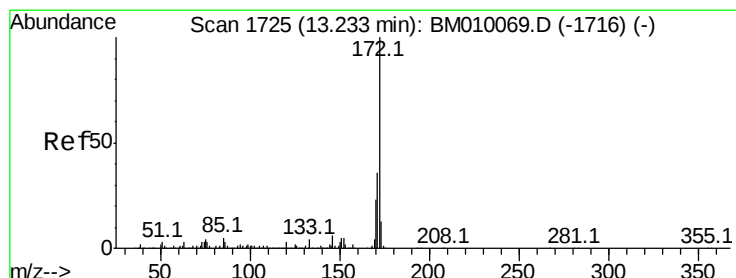
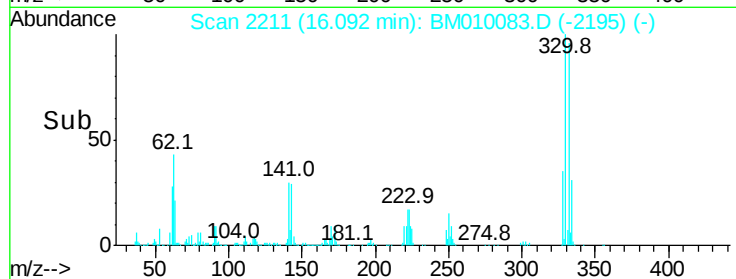
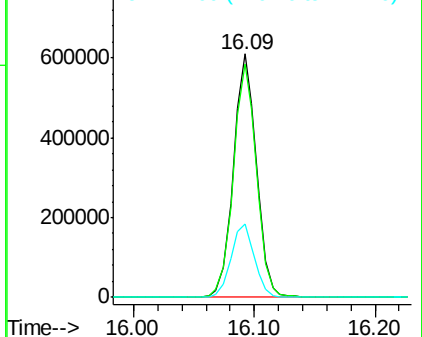
#41
 2,4,6-Tribromophenol
 Concen: 150.36 ng
 RT: 16.09 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BM010083.D
 Acq: 19 May 2017 23:38

Instrument :
 BNA_M
 ClientSampleId :
 SB-5COMP

Tot Ion:330 Resp: 809072
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 30.7 0.0 0.0#

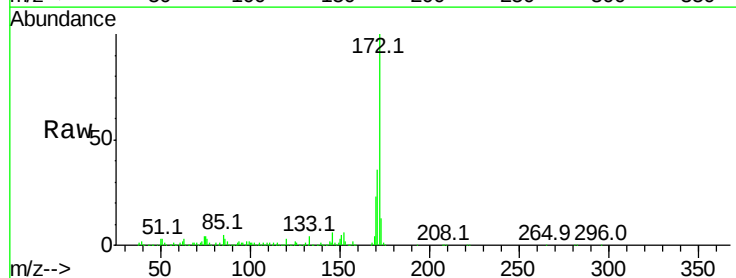


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

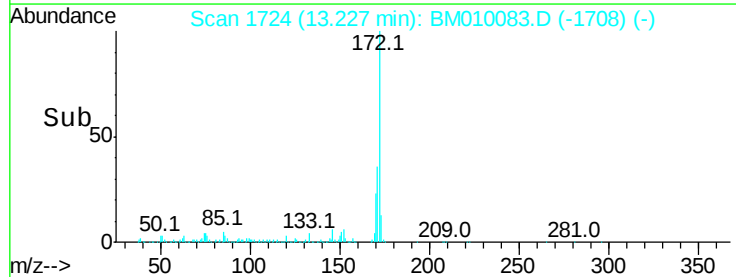
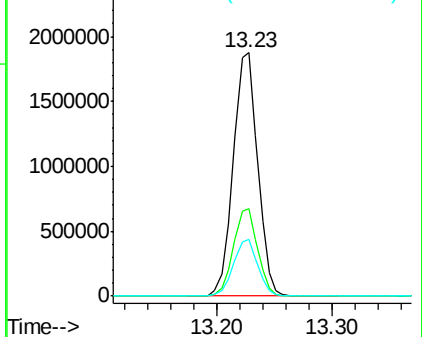


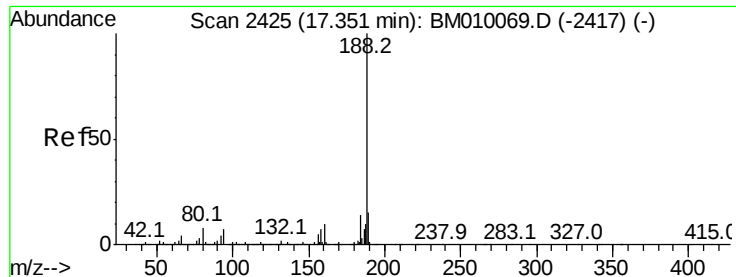
#44
 2-Fluorobiphenyl
 Concen: 99.66 ng
 RT: 13.23 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BM010083.D
 Acq: 19 May 2017 23:38

Tgt Ion:172 Resp: 2746739
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.5 42.7
 170 23.4 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

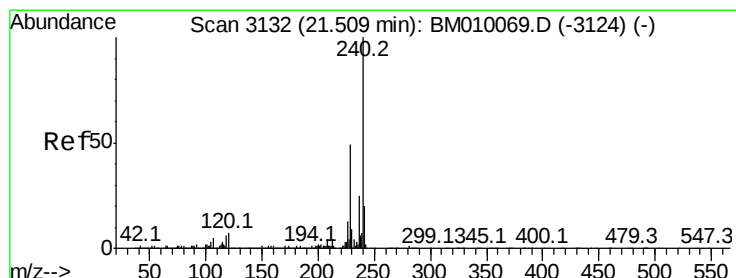
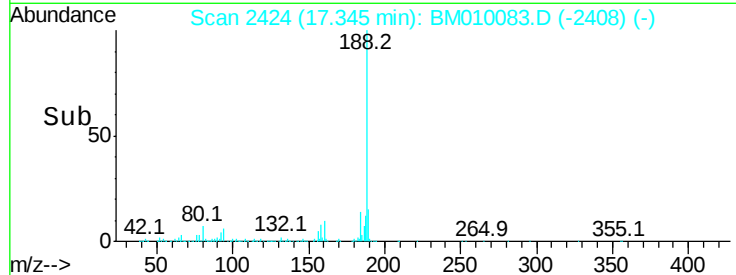
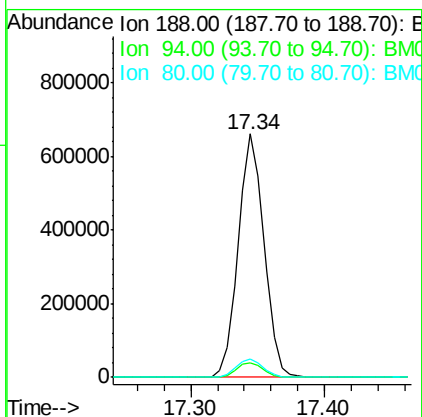
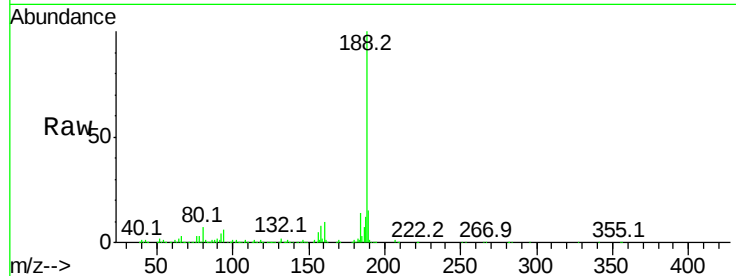




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

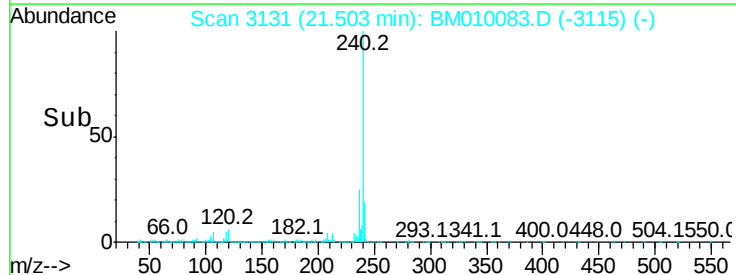
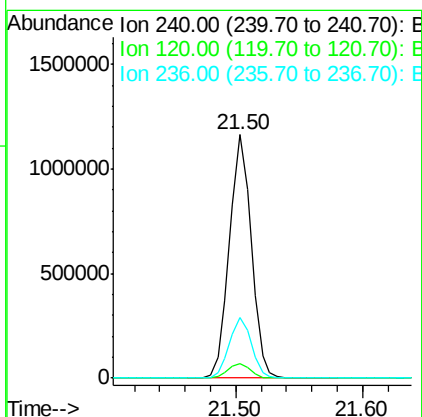
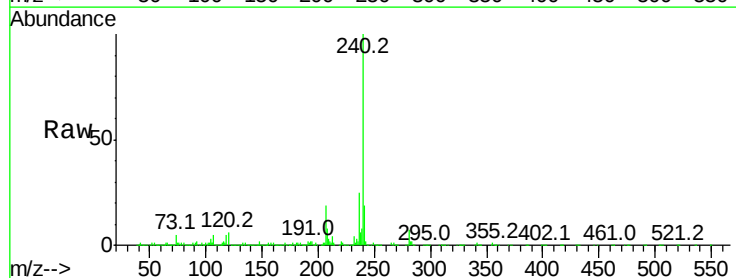
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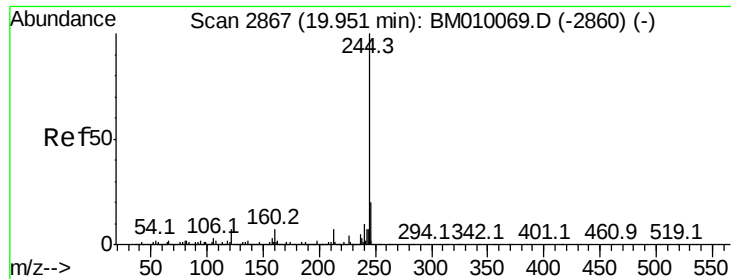
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	8.7	13.1#
80	7.5	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM010083.D
Acq: 19 May 2017 23:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	8.2	12.2#
236	24.9	20.0	30.0





#78

Terphenyl-d14

Concen: 88.85 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BM010083.D

Acq: 19 May 2017 23:38

Instrument :

BNA_M

ClientSampleId :

SB-5COMP

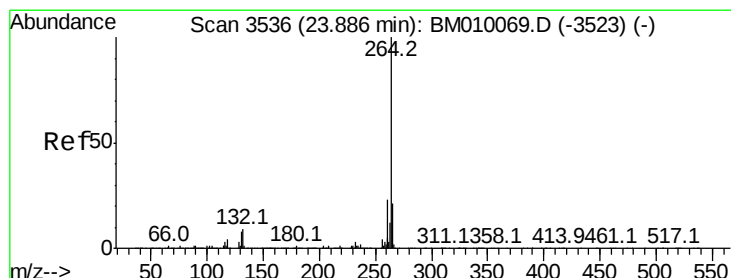
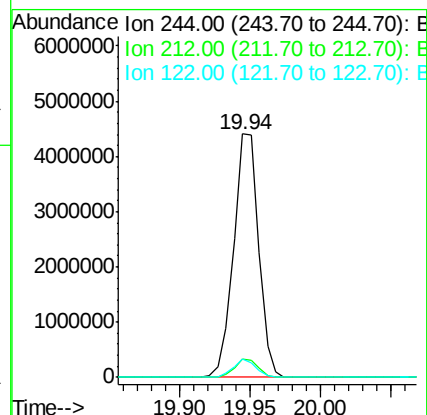
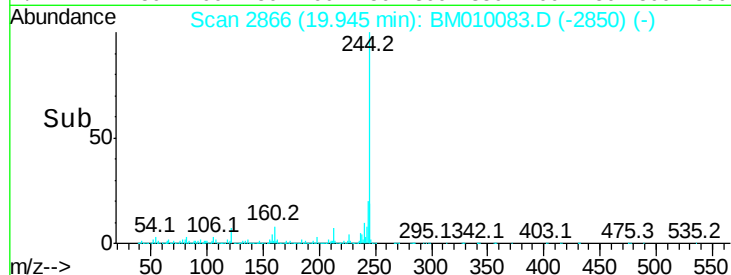
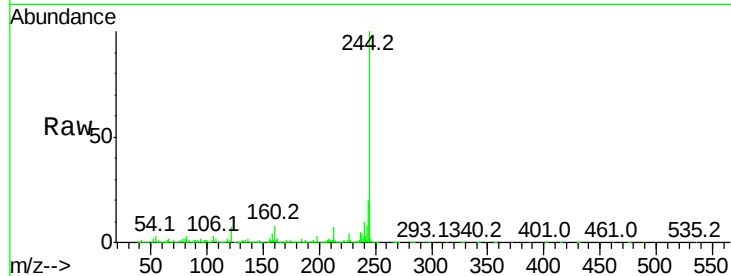
Tot Ion:244 Resp: 5431145

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3#

122 7.4 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: BM010083.D

Acq: 19 May 2017 23:38

Tgt Ion:264 Resp: 987404

Ion Ratio Lower Upper

264 100

260 26.4 18.6 27.8

265 23.4 17.3 25.9

