

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011182.D
 Acq On : 09 Aug 2017 19:45
 Operator : SJ/JU
 Sample : I4652-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 L-1338-B-COMP

Quant Time: Aug 10 01:51:16 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

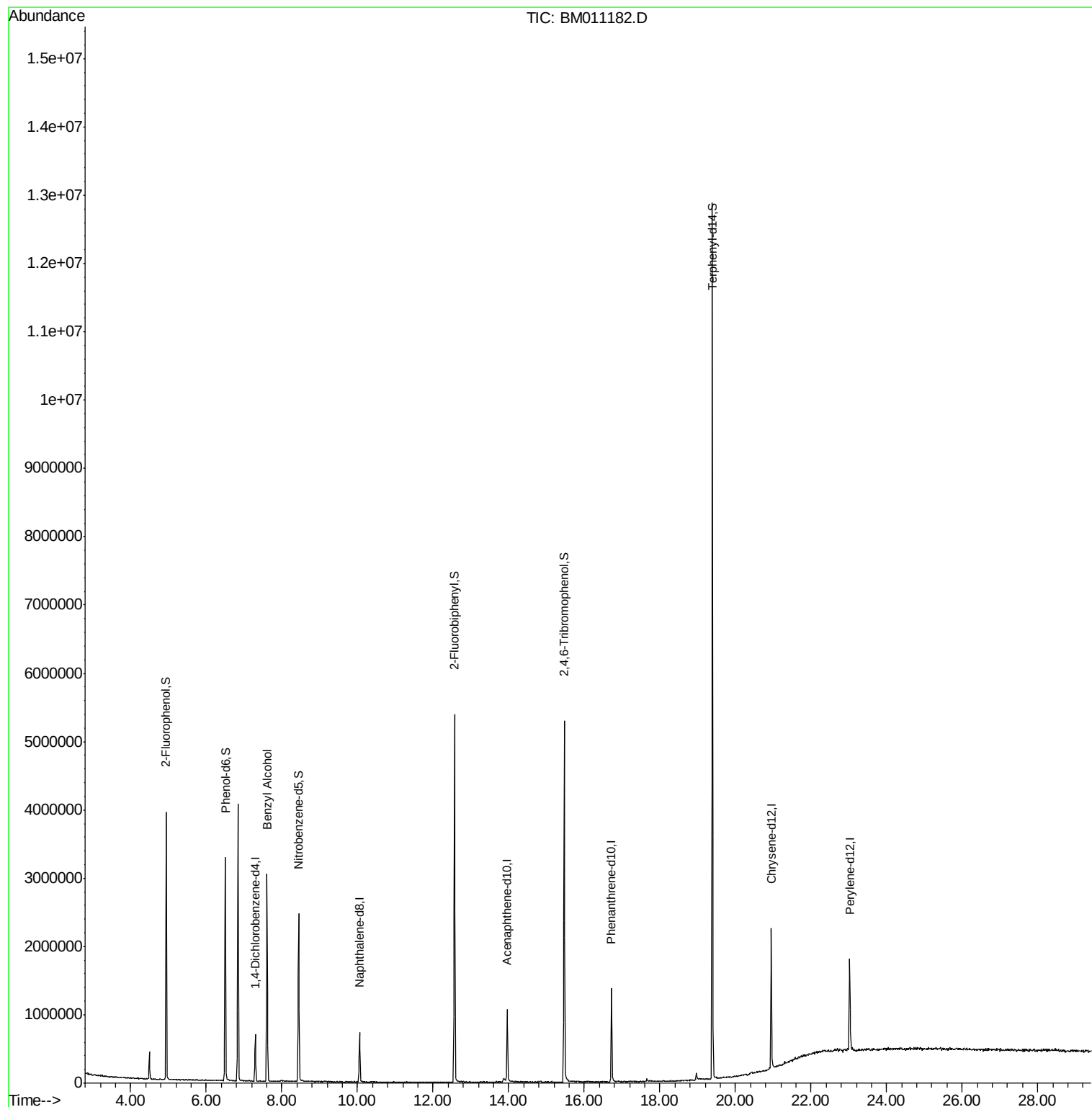
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	130108	20.00	ng	-0.09
21) Naphthalene-d8	10.05	136	444858	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	280909	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	728349	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	1012650	20.00	ng	-0.08
86) Perylene-d12	23.03	264	990569	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1086564	141.17	ng	-0.09
7) Phenol-d6	6.50	99	1355524	123.96	ng	-0.09
23) Nitrobenzene-d5	8.45	82	1393449	117.56	ng	-0.09
41) 2,4,6-Tribromophenol	15.47	330	715938	159.01	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2285013	102.02	ng	-0.09
78) Terphenyl-d14	19.39	244	4626198	90.49	ng	-0.08
Target Compounds						
15) Benzyl Alcohol	7.61	79	26587	2.53	ng	Qvalue # 37

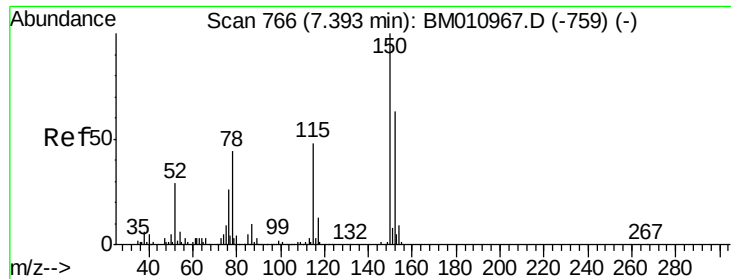
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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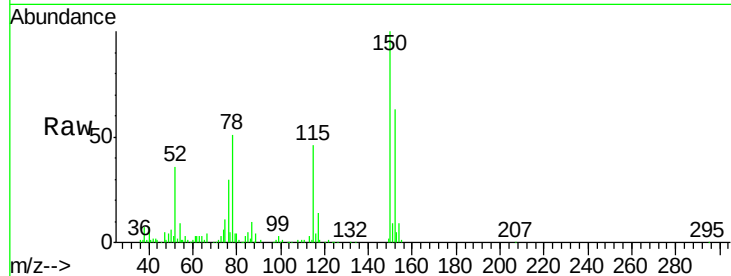


#1

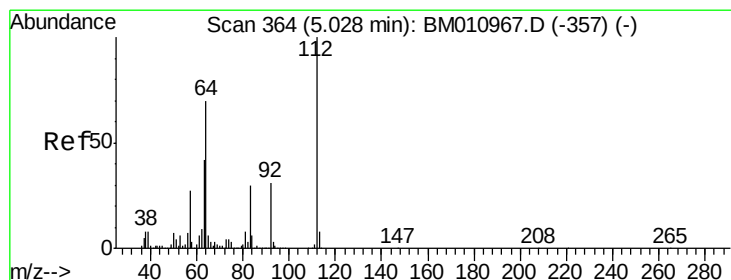
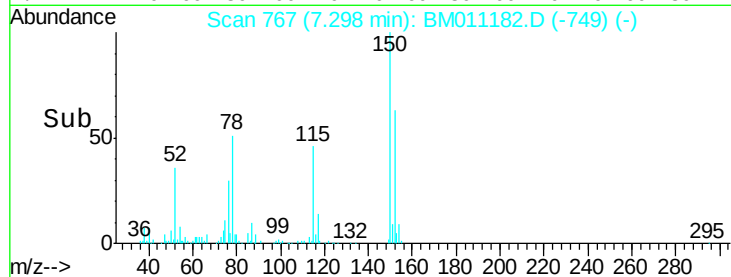
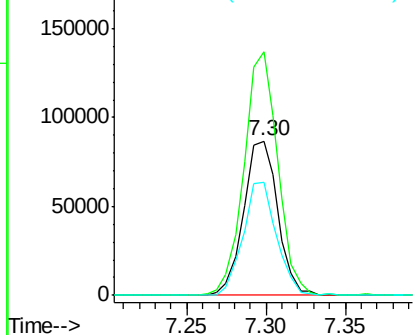
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 767
Delta R.T. -0.09 min
Lab File: BM011182.D
Acq: 09 Aug 2017 19:45

Instrument :
BNA_M
ClientSampleId :
L-1338-B-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	119.5	179.3
115	73.4	43.0	64.4



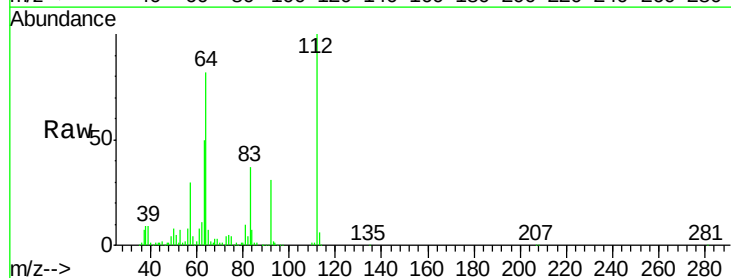
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



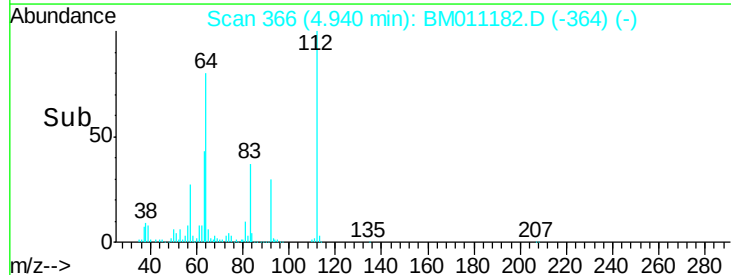
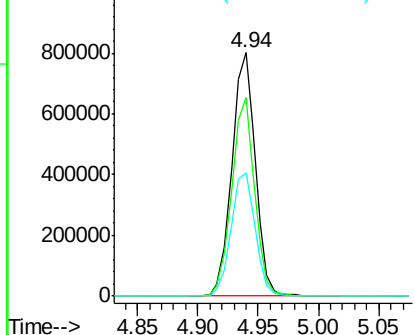
#5

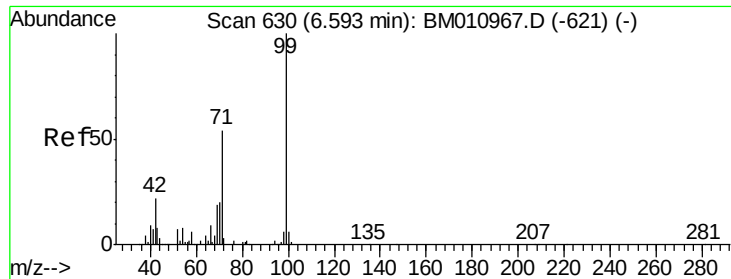
2-Fluorophenol
Concen: 141.17 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011182.D
Acq: 09 Aug 2017 19:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	81.7	38.6	57.8
63	50.5	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: 123.96 ng

RT: 6.50 min Scan# 632

Delta R.T. -0.09 min

Lab File: BM011182.D

Acq: 09 Aug 2017 19:45

Instrument :

BNA_M

ClientSampleId :

L-1338-B-COMP

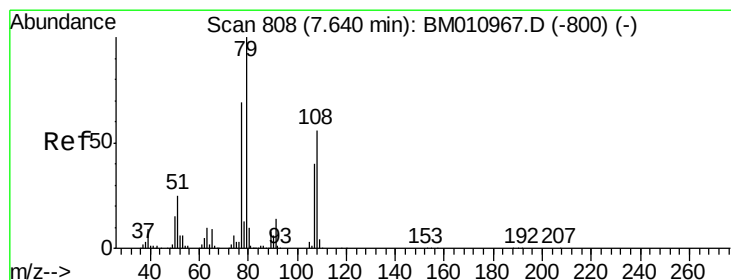
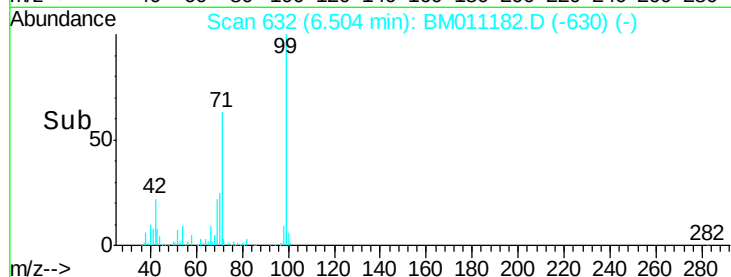
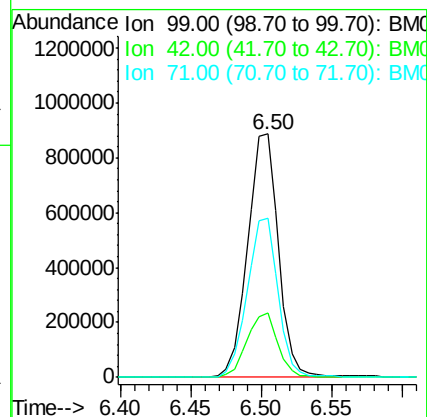
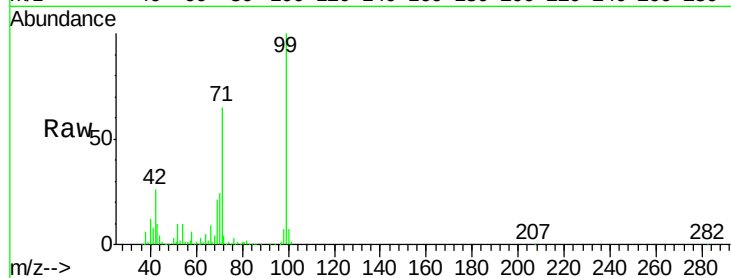
Tot Ion: 99 Resp: 135524

Ion Ratio Lower Upper

99 100

42 26.2 11.0 16.4#

71 65.3 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.53 ng

RT: 7.61 min Scan# 820

Delta R.T. -0.03 min

Lab File: BM011182.D

Acq: 09 Aug 2017 19:45

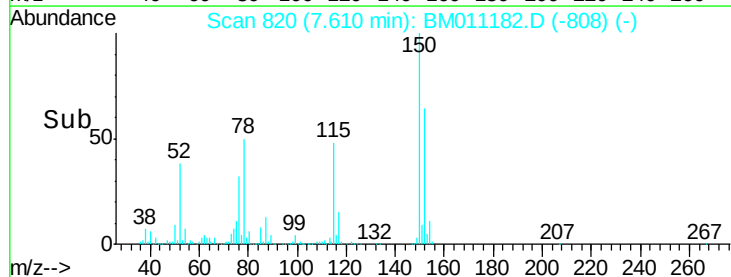
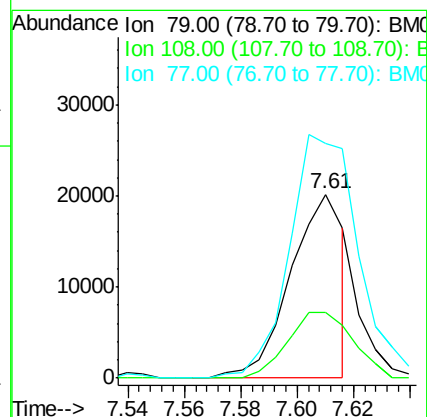
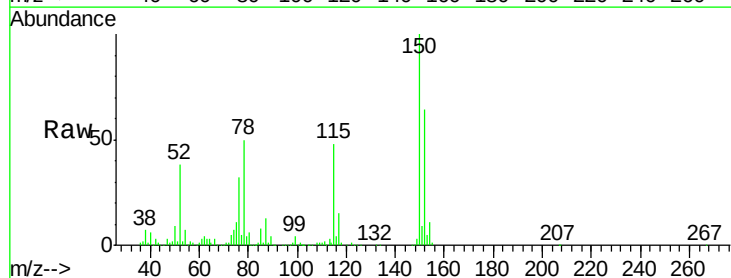
Tgt Ion: 79 Resp: 26587

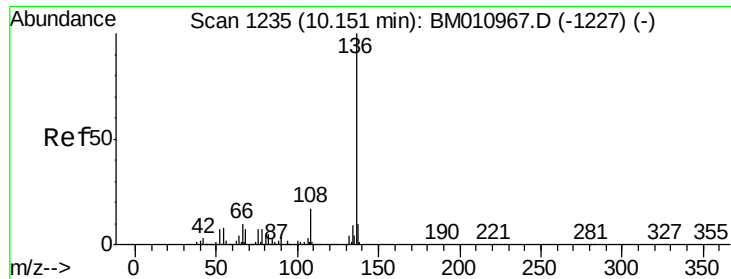
Ion Ratio Lower Upper

79 100

108 35.4 65.0 97.4#

77 127.5 53.0 79.6#

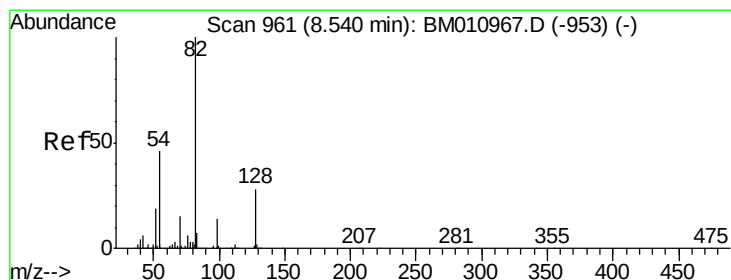
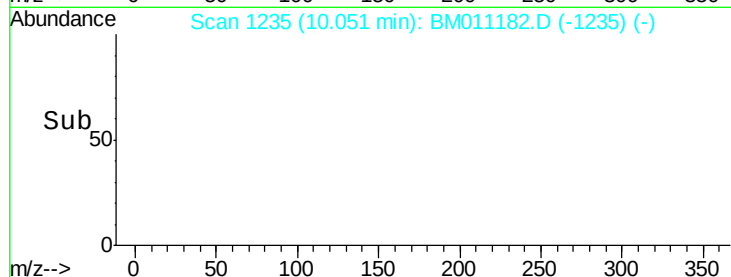
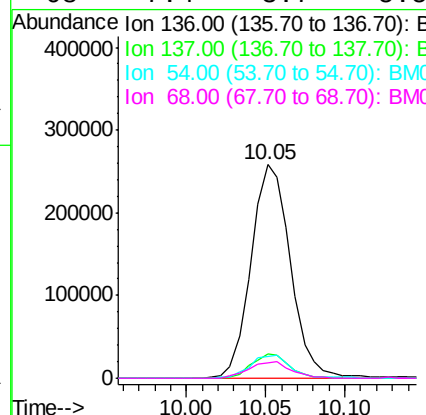
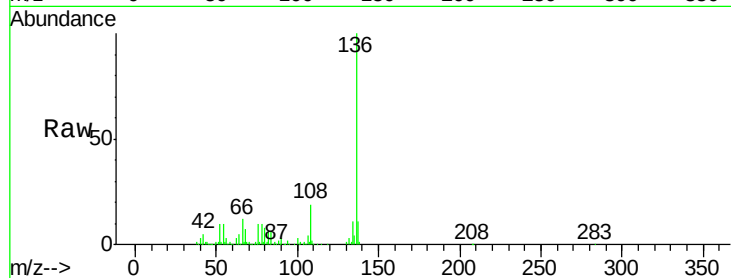




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.05 min Scan# 1235
Delta R.T. -0.10 min
Lab File: BM011182.D
Acq: 09 Aug 2017 19:45

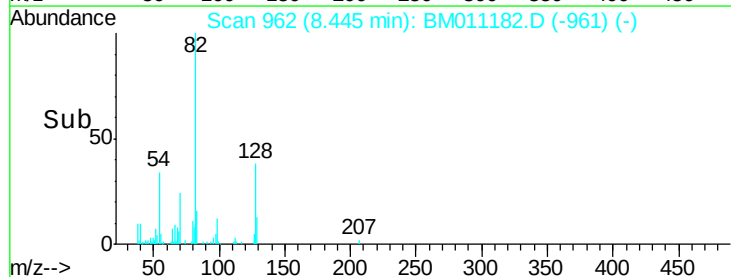
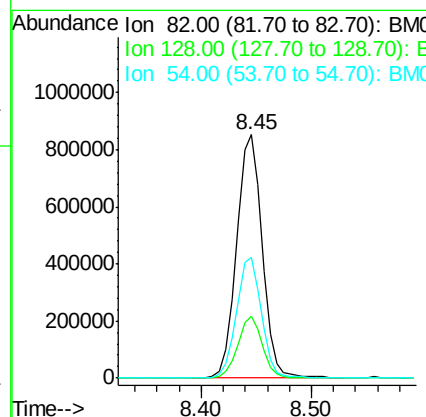
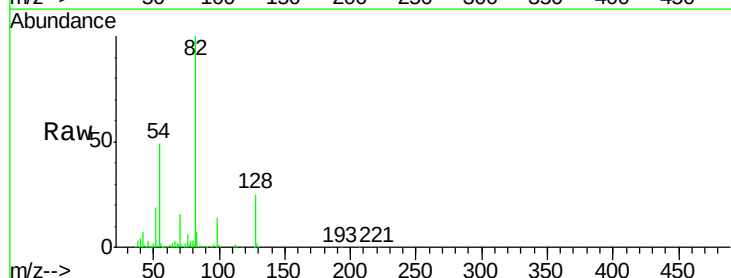
Instrument :
BNA_M
ClientSampleId :
L-1338-B-COMP

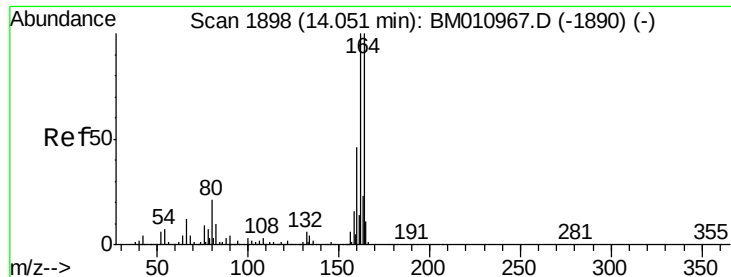
Tot Ion:136	Resp:	444858
Ion Ratio	Lower	Upper
136 100		
137 11.3	8.7	13.1
54 10.4	4.6	6.8#
68 7.4	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 117.56 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.09 min
Lab File: BM011182.D
Acq: 09 Aug 2017 19:45

Tgt Ion: 82	Resp: 1393449
Ion Ratio	Lower Upper
82 100	
128 25.3	32.8 49.2#
54 49.5	40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.96 min Scan# 1900

Delta R.T. -0.09 min

Lab File: BM011182.D

Acq: 09 Aug 2017 19:45

Instrument :

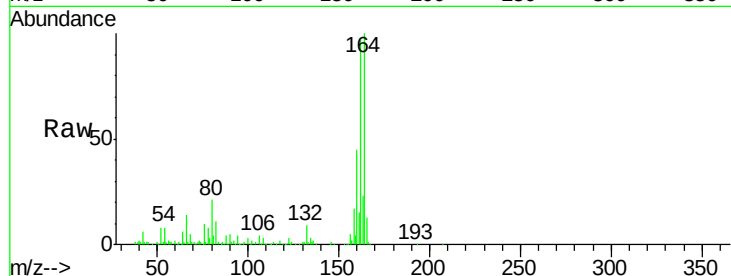
BNA_M

ClientSampleId :

L-1338-B-COMP

Tot Ion:164 Resp: 280909

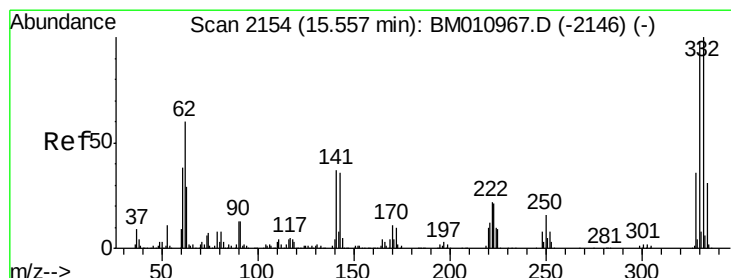
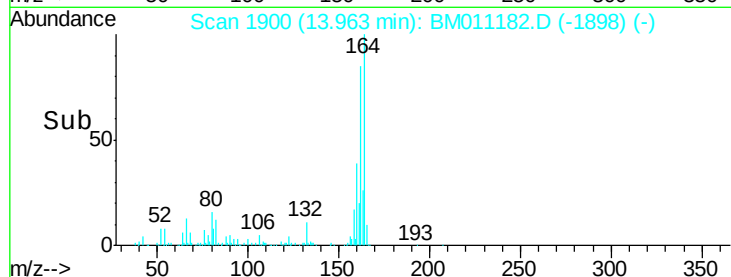
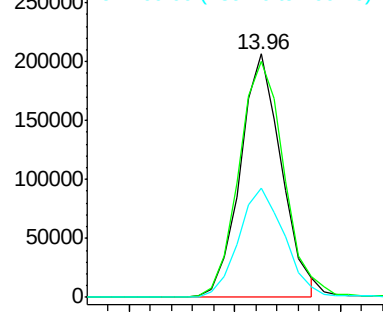
Ion	Ratio	Lower	Upper
164	100		
162	96.7	82.4	123.6
160	44.8	35.8	53.6



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: 159.01 ng

RT: 15.47 min Scan# 2156

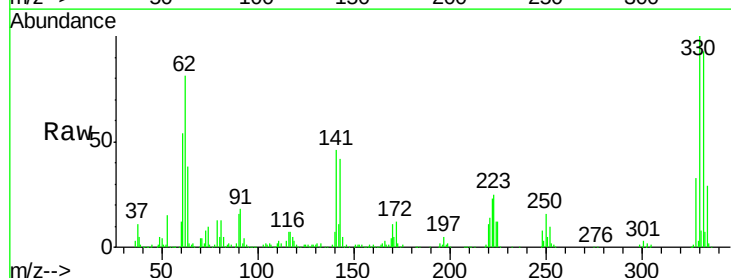
Delta R.T. -0.09 min

Lab File: BM011182.D

Acq: 09 Aug 2017 19:45

Tgt Ion:330 Resp: 715938

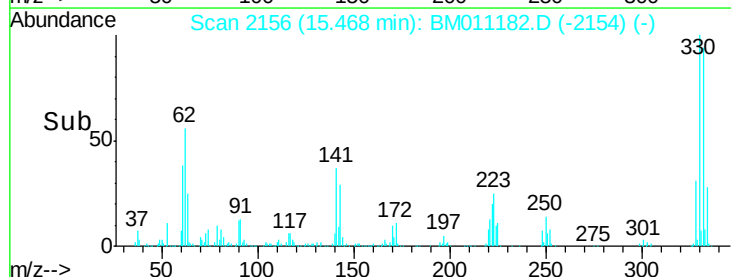
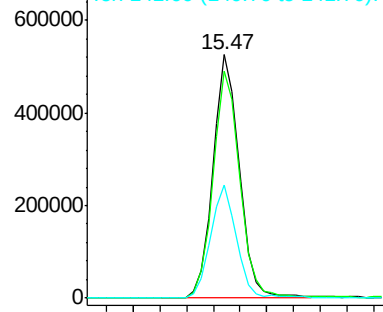
Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	46.3	0.0	0.0#

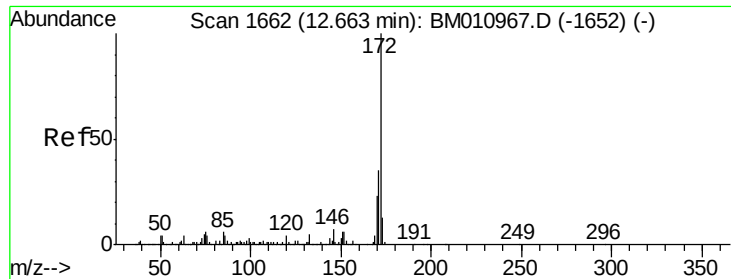


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

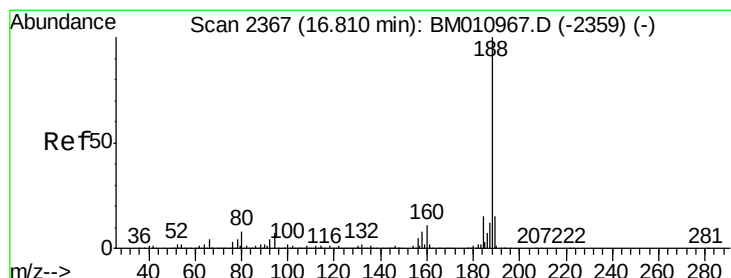
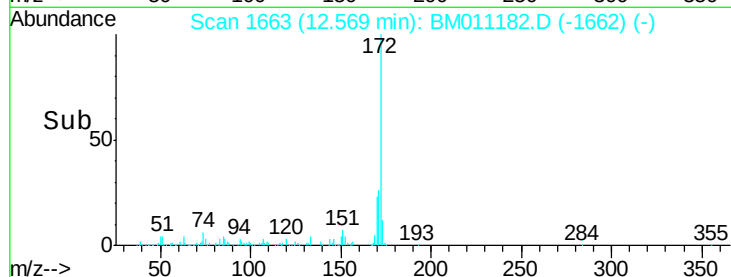
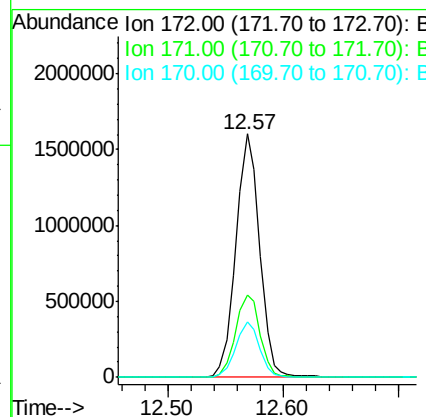
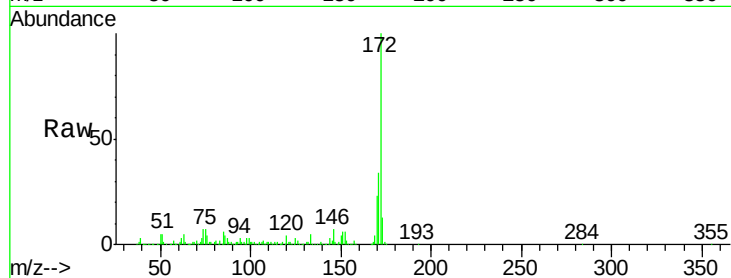




#44
2-Fluorobiphenyl
Concen: 102.02 ng
RT: 12.57 min Scan# 1663
Delta R.T. -0.09 min
Lab File: BM011182.D
Acq: 09 Aug 2017 19:45

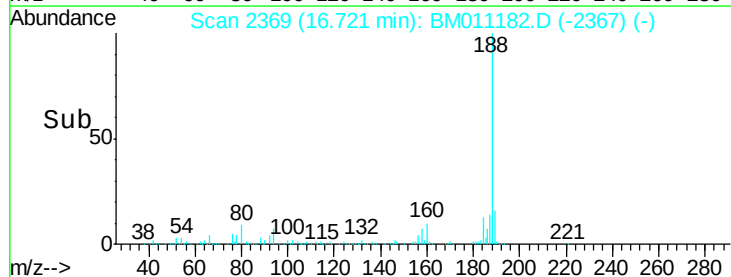
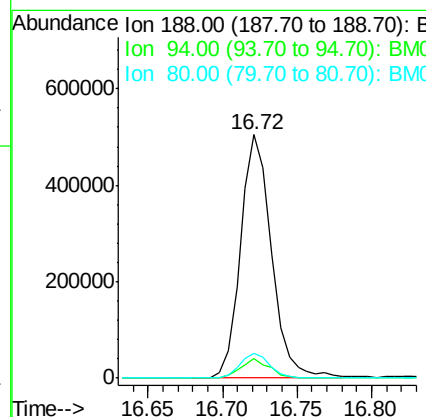
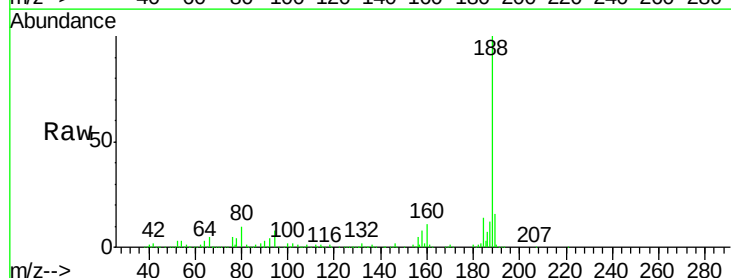
Instrument :
BNA_M
ClientSampleId :
L-1338-B-COMP

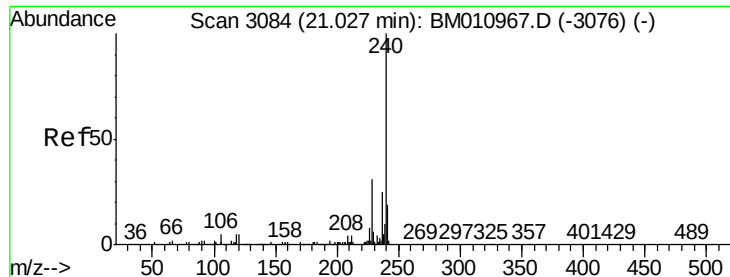
Tot Ion:172 Resp: 2285013
Ion Ratio Lower Upper
172 100
171 33.9 28.5 42.7
170 22.8 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011182.D
Acq: 09 Aug 2017 19:45

Tgt Ion:188 Resp: 728349
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 10.2 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.94 min Scan# 3087

Delta R.T. -0.08 min

Lab File: BM011182.D

Acq: 09 Aug 2017 19:45

Instrument :

BNA_M

ClientSampleId :

L-1338-B-COMP

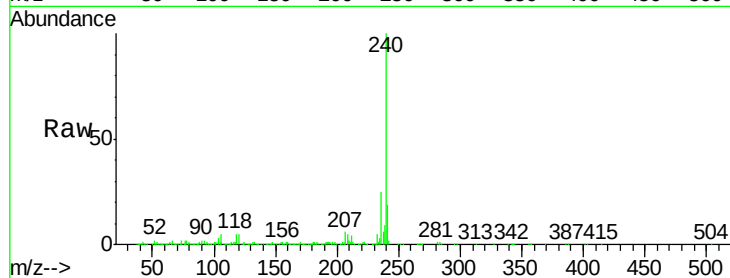
Tot Ion:240 Resp: 1012650

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

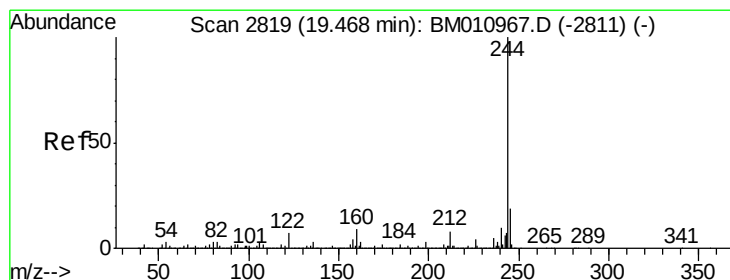
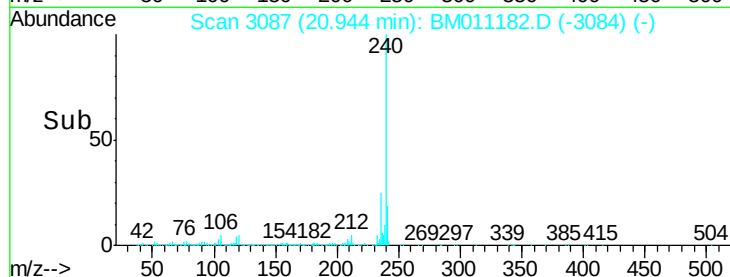
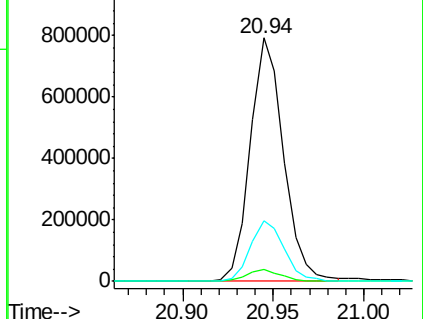
236 24.7 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 90.49 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011182.D

Acq: 09 Aug 2017 19:45

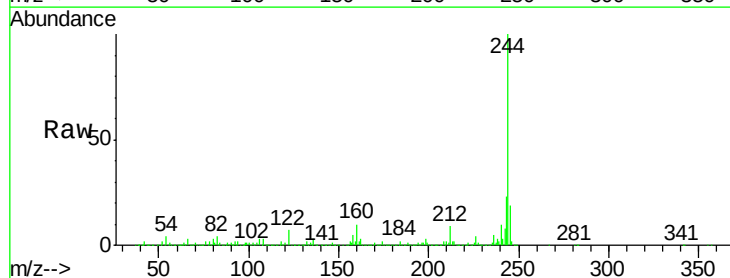
Tgt Ion:244 Resp: 4626198

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

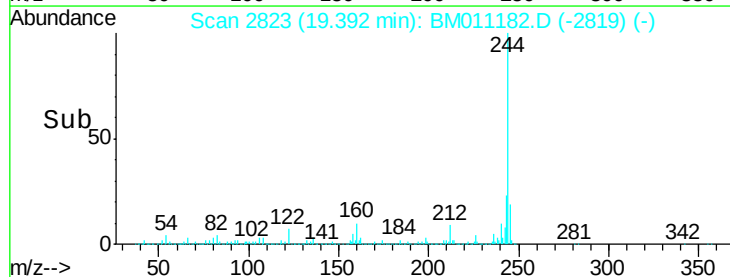
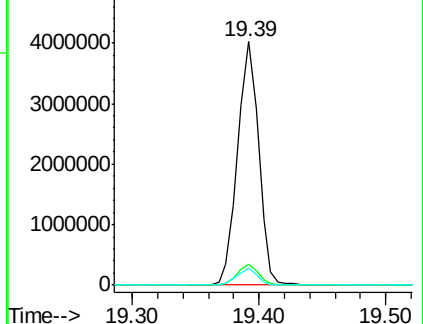
122 7.0 6.2 9.4

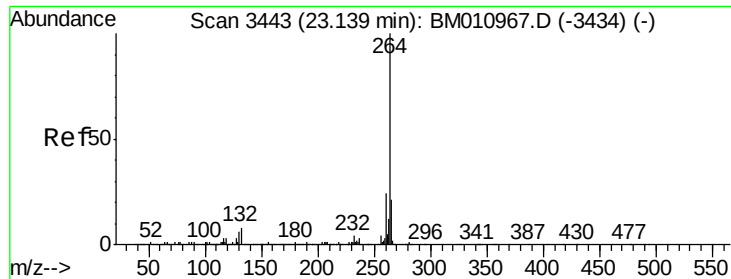


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.03 min Scan# 3441
 Delta R.T. -0.11 min
 Lab File: BM011182.D
 Acq: 09 Aug 2017 19:45

Instrument :
 BNA_M
 ClientSampleId :
 L-1338-B-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.7	17.3	25.9

