

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 02:09:21 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

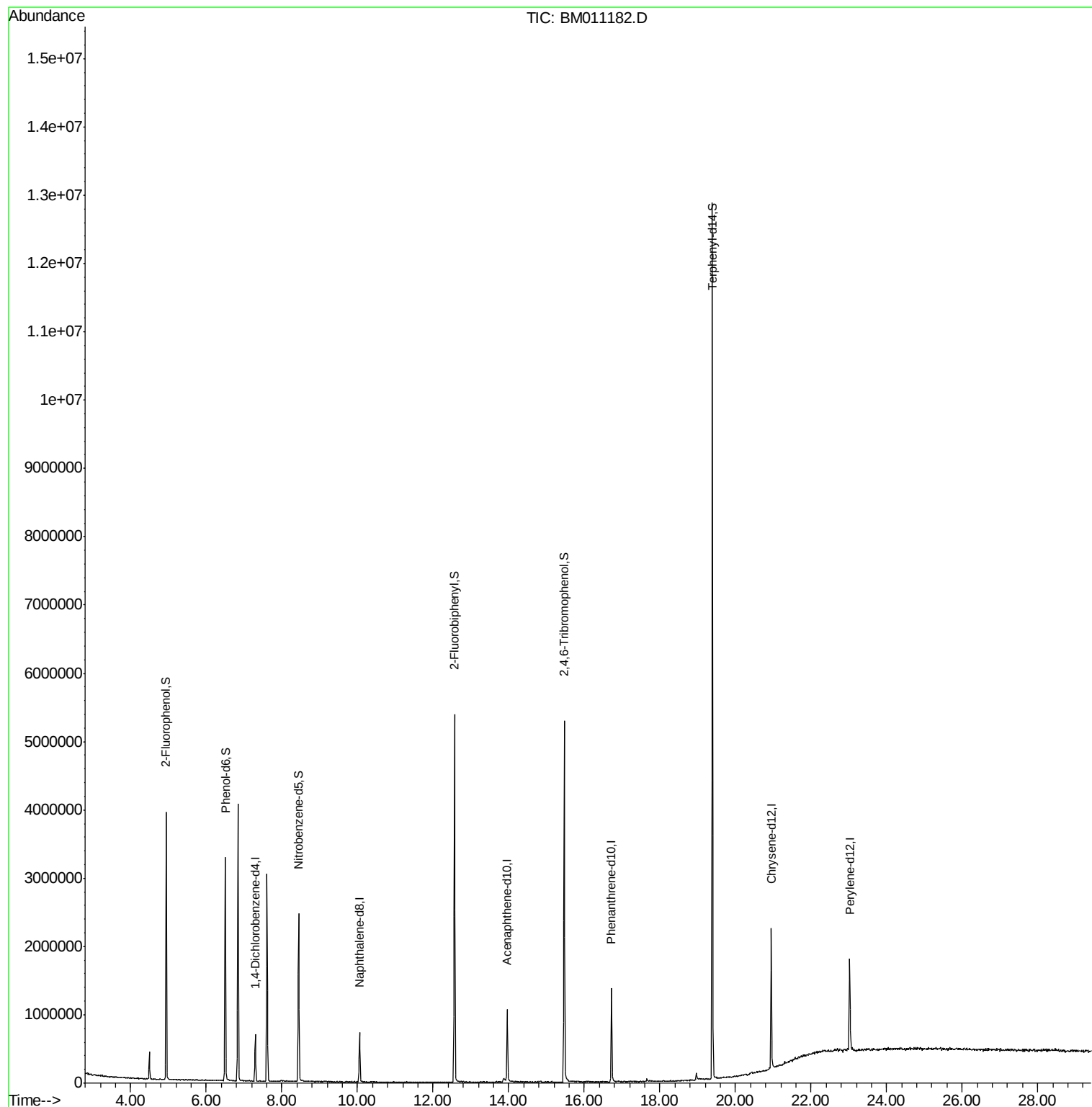
Target Compounds	Qvalue
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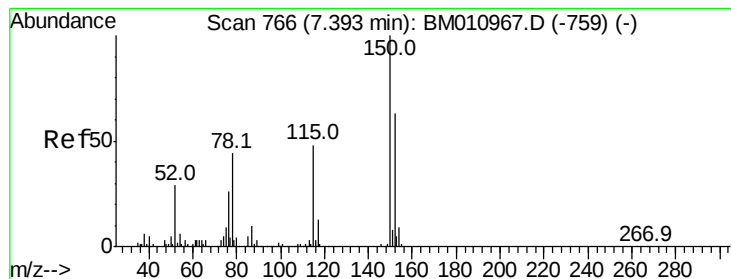
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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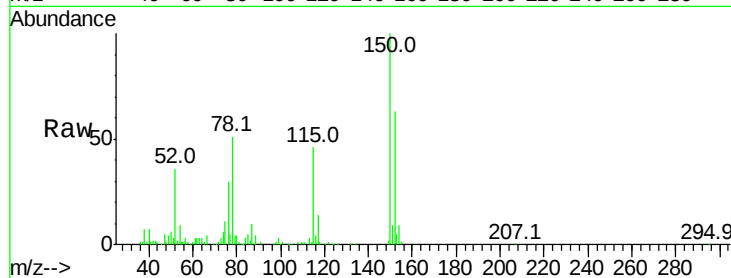


#1

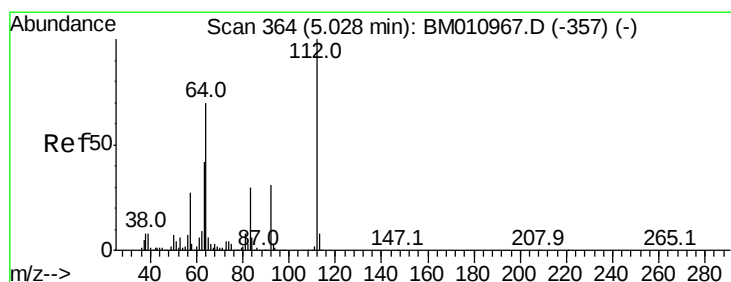
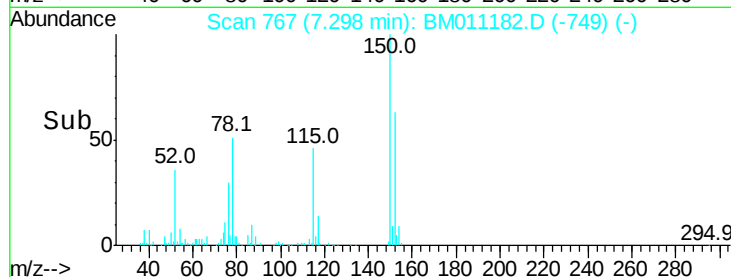
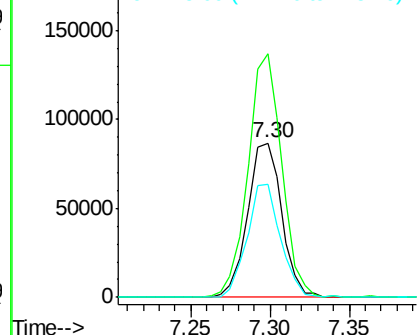
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 767
Delta R.T. -0.09 min
Lab File: BM011182.D
Acq: 09 Aug 2017 19:45

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#



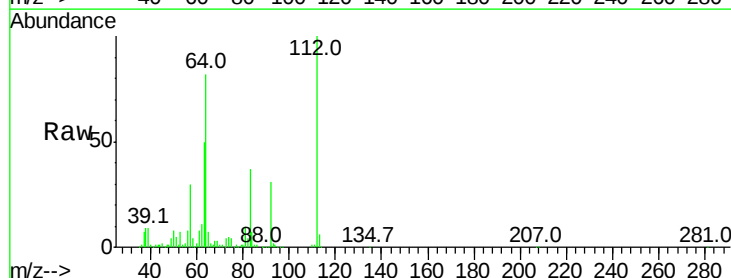
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



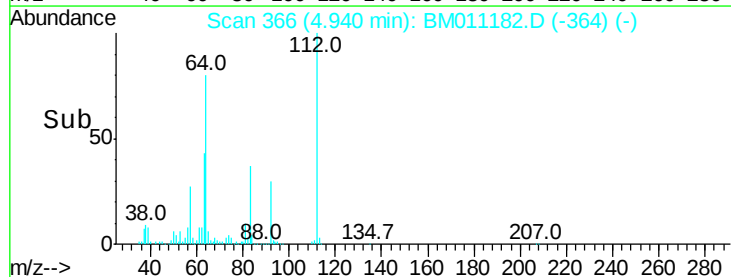
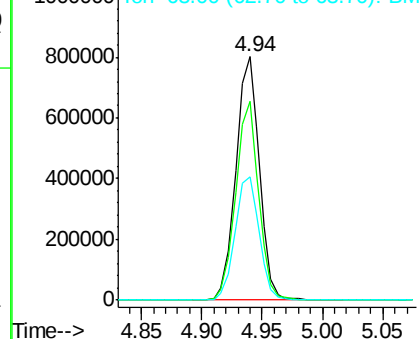
#5

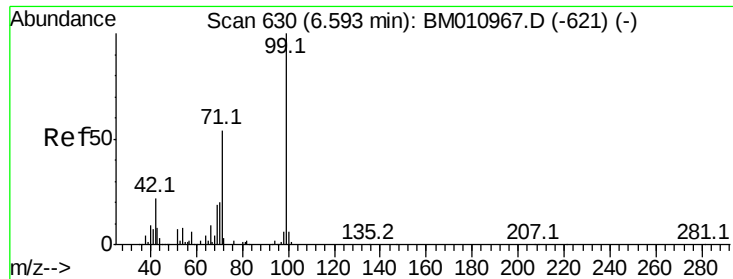
2-Fluorophenol
Concen: 141.173 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011182.D
Acq: 09 Aug 2017 19:45

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: 123.955 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

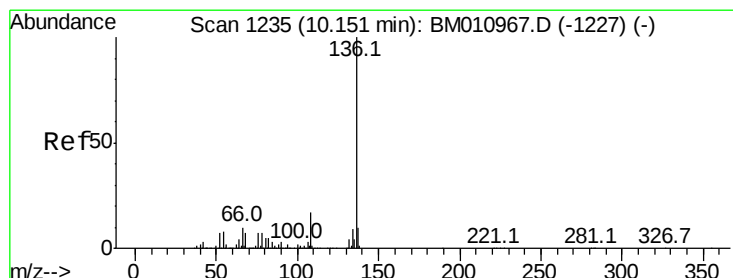
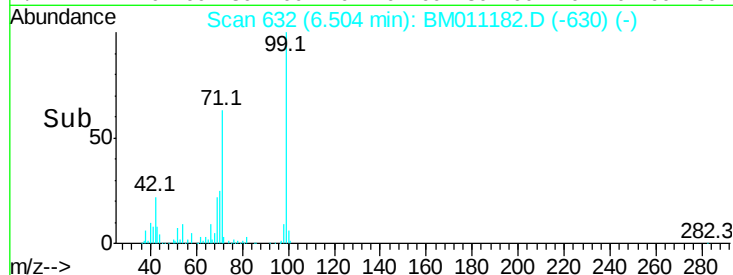
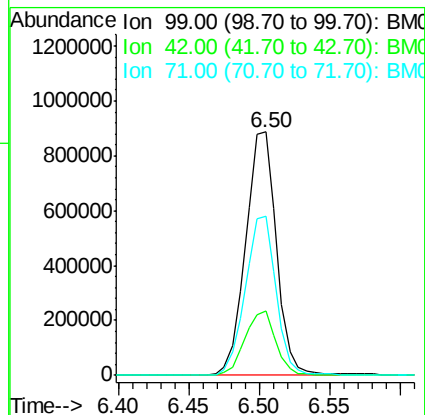
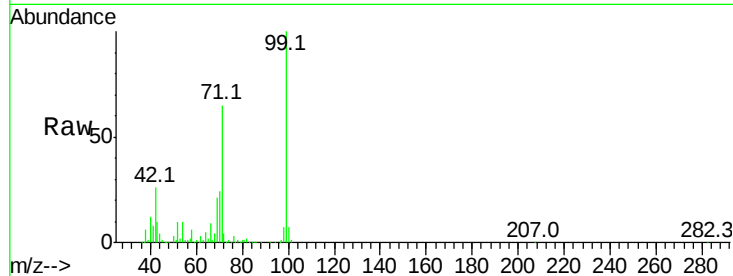
Tot Ion: 99 Resp: 1355524

Ion Ratio Lower Upper

99 100

42 26.2 11.0 16.4#

71 65.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011182.D

Acq: 09 Aug 2017 19:45

Tgt Ion: 136 Resp: 444858

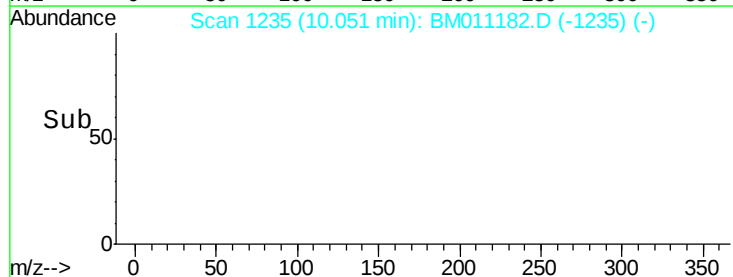
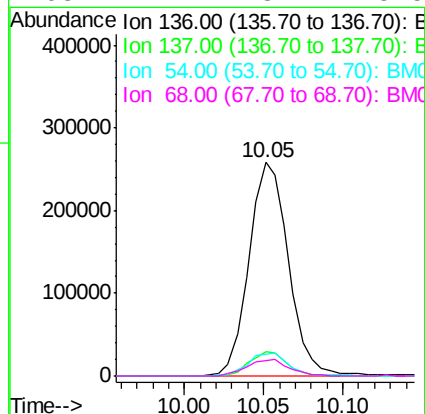
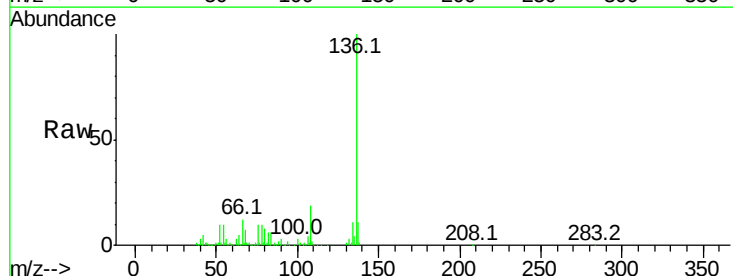
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.4 4.6 6.8#

68 7.4 3.7 5.5#

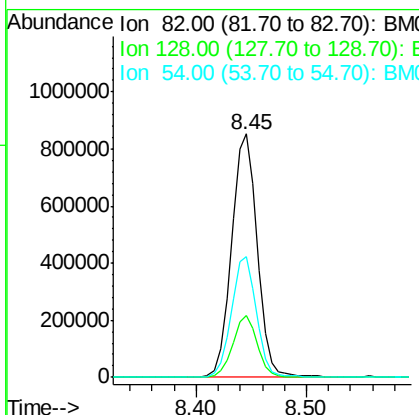
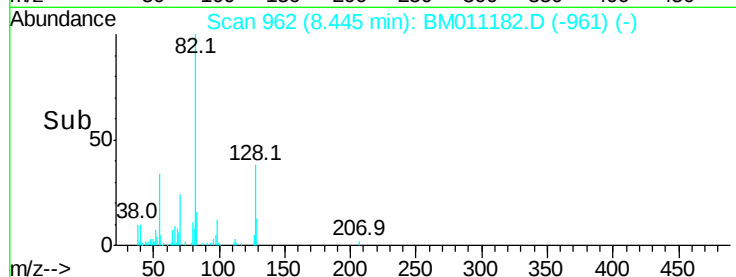
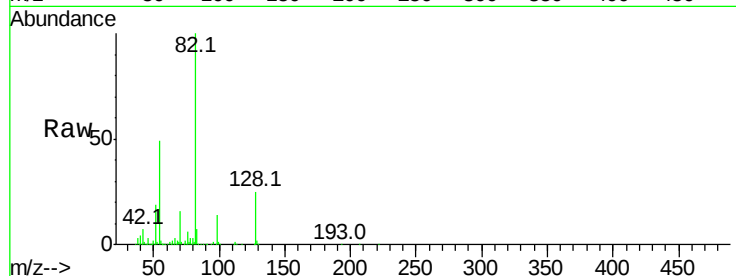




#23
 Nitrobenzene-d5
 Concen: 117.562 ng
 RT: 8.45 min Scan# 962
 Delta R.T. -0.09 min
 Lab File: BM011182.D
 Acq: 09 Aug 2017 19:45

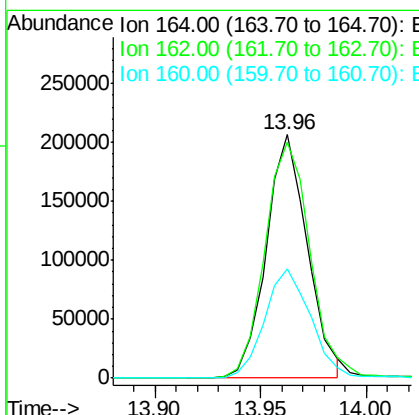
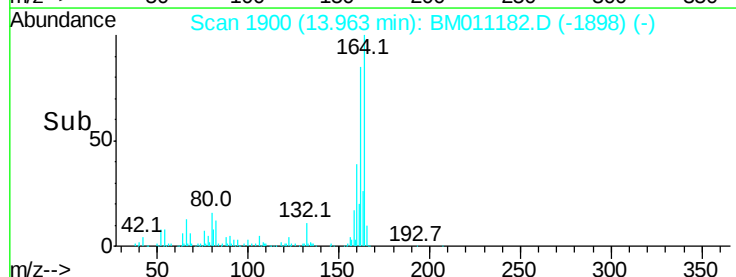
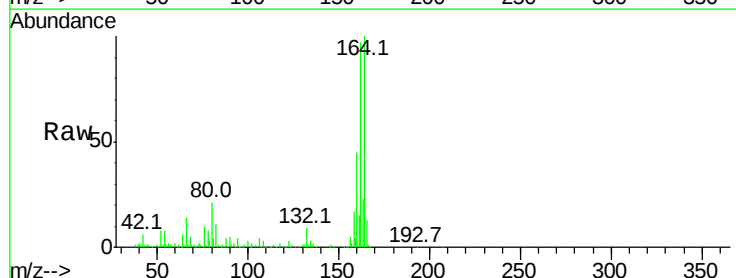
Instrument :
 BNA_M
 ClientSampleId :
 L-1338-B-COMP

Tot Ion: 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: 20.000 ng
 RT: 13.96 min Scan# 1900
 Delta R.T. -0.09 min
 Lab File: BM011182.D
 Acq: 09 Aug 2017 19:45

Tgt Ion:164 Resp: 280909
 Ion Ratio Lower Upper
 164 100
 162 96.7 82.4 123.6
 160 44.8 35.8 53.6

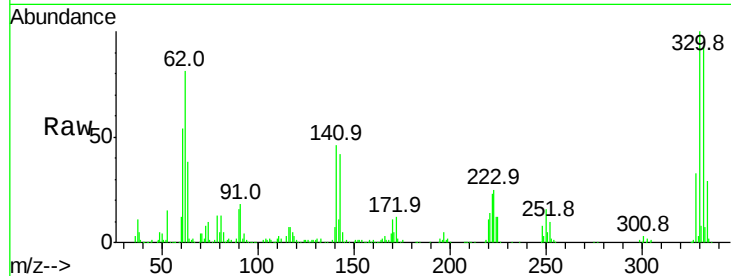




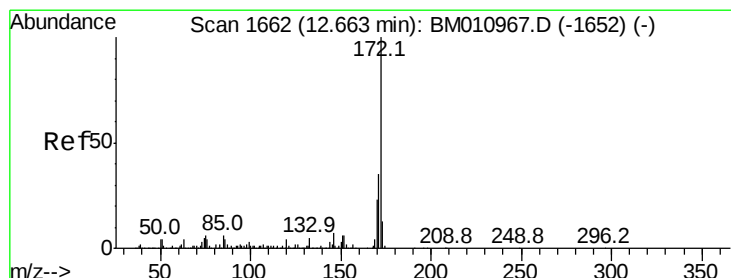
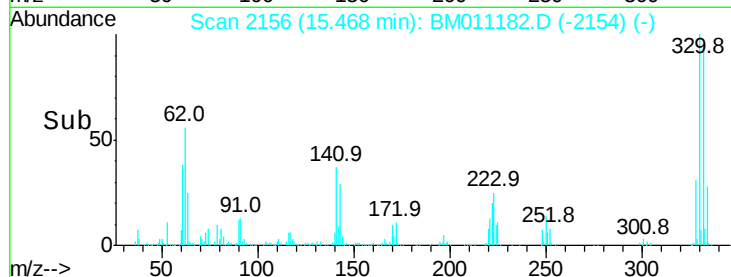
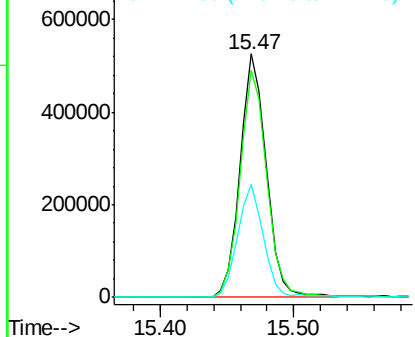
#41
 2,4,6-Tribromophenol
 Concen: 159.013 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011182.D
 Acq: 09 Aug 2017 19:45

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

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

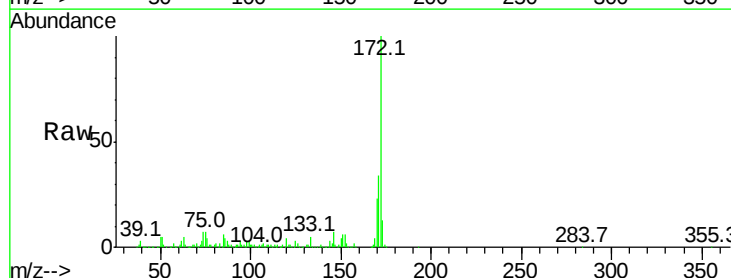


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

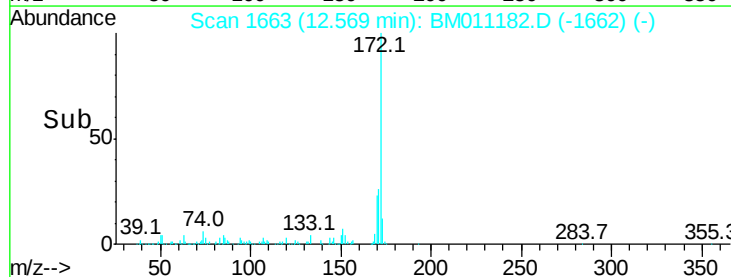
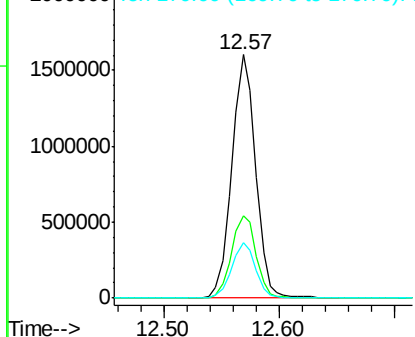


#44
 2-Fluorobiphenyl
 Concen: 102.016 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011182.D
 Acq: 09 Aug 2017 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	22.8	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

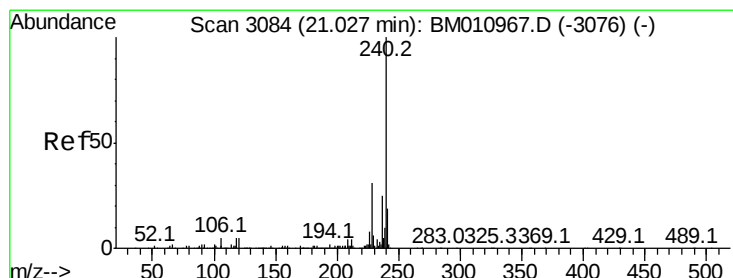
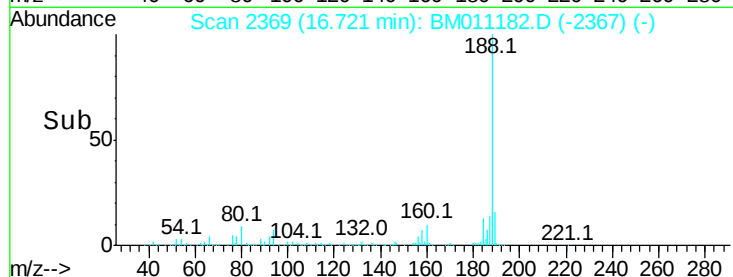
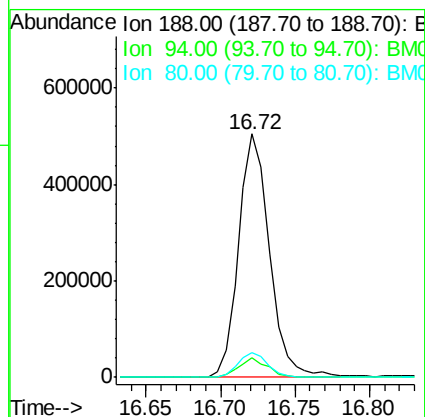
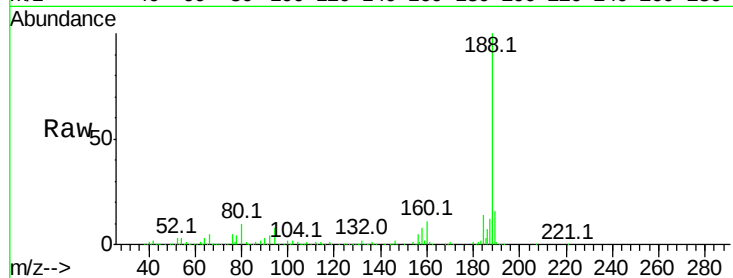




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011182.D
Acq: 09 Aug 2017 19:45

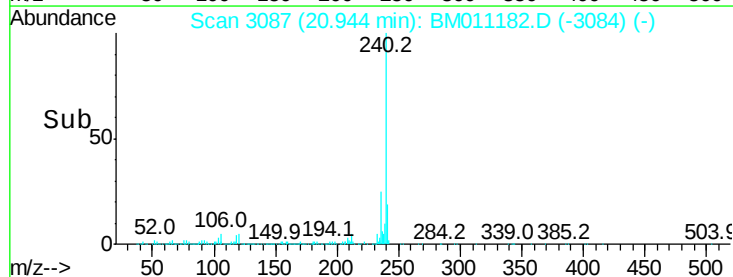
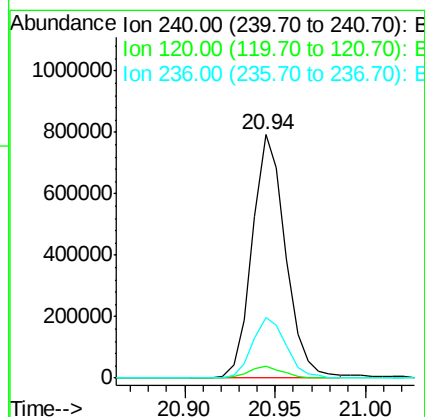
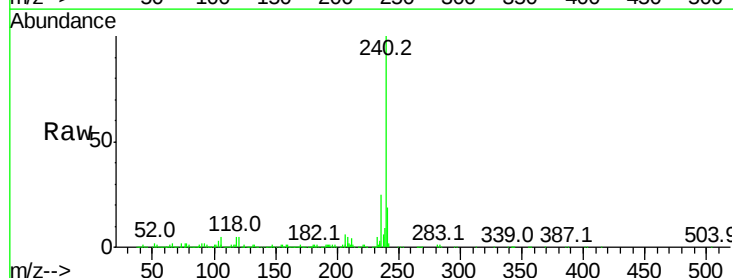
Instrument :
BNA_M
ClientSampleId :
L-1338-B-COMP

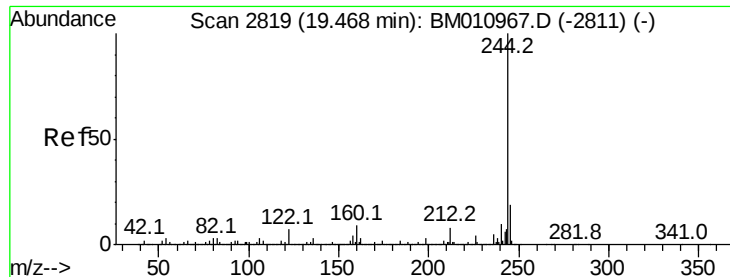
Tot Ion:188 Resp: 728349
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 10.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011182.D
Acq: 09 Aug 2017 19:45

Tgt Ion:240 Resp: 1012650
Ion Ratio Lower Upper
240 100
120 5.0 8.2 12.2#
236 24.7 20.0 30.0





#78

Terphenyl-d14

Concen: 90.494 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011182.D

Acq: 09 Aug 2017 19:45

Instrument :

BNA_M

ClientSampleId :

L-1338-B-COMP

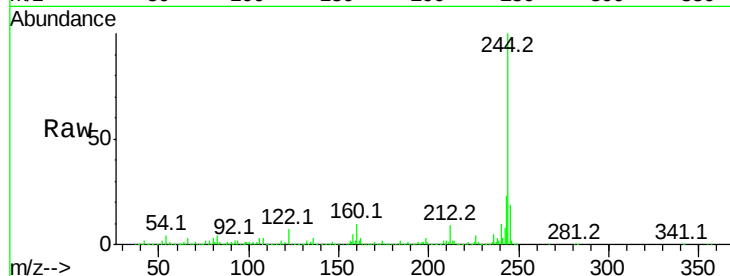
Tot Ion:244 Resp: 4626198

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

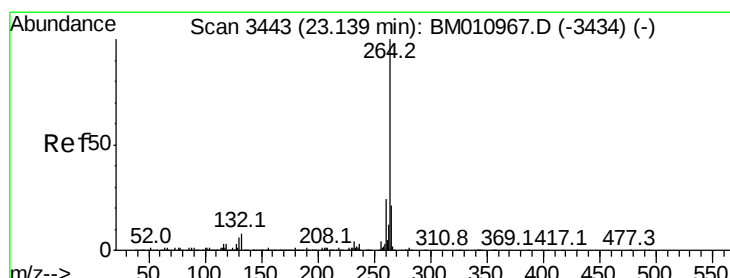
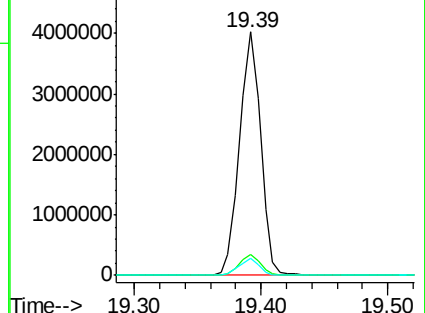
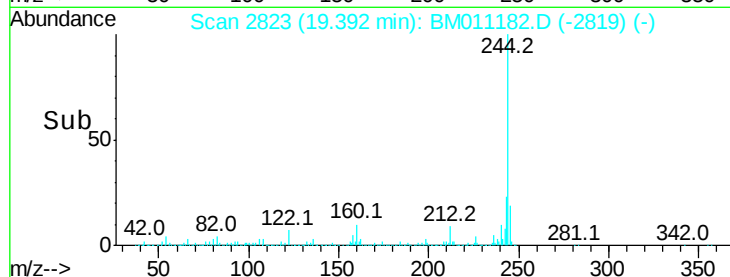
122 7.0 6.2 9.4



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

Perylene-d12

Concen: 20.000 ng

RT: 23.03 min Scan# 3441

Delta R.T. -0.11 min

Lab File: BM011182.D

Acq: 09 Aug 2017 19:45

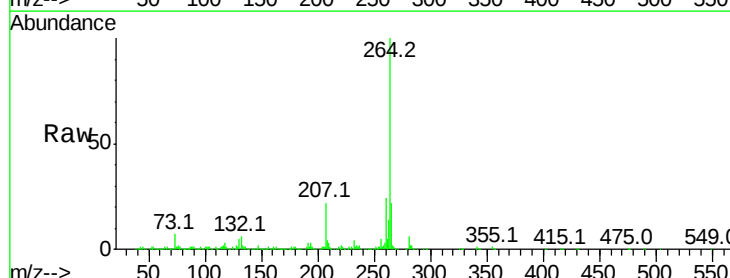
Tgt Ion:264 Resp: 990569

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

