

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011187.D
 Acq On : 09 Aug 2017 22:46
 Operator : SJ/JU
 Sample : I4657-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-A

Quant Time: Aug 10 03:25:53 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	7.29	152	115438	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	373141	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	238245	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	628934	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	858106	20.00	ng	-0.08
86) Perylene-d12	23.02	264	873123	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	983868	144.07	ng	-0.09
7) Phenol-d6	6.50	99	1202761	123.96	ng	-0.09
23) Nitrobenzene-d5	8.45	82	1263957	127.13	ng	-0.09
41) 2,4,6-Tribromophenol	15.47	330	613491	160.66	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2079485	109.47	ng	-0.09
78) Terphenyl-d14	19.39	244	3988448	92.07	ng	-0.08

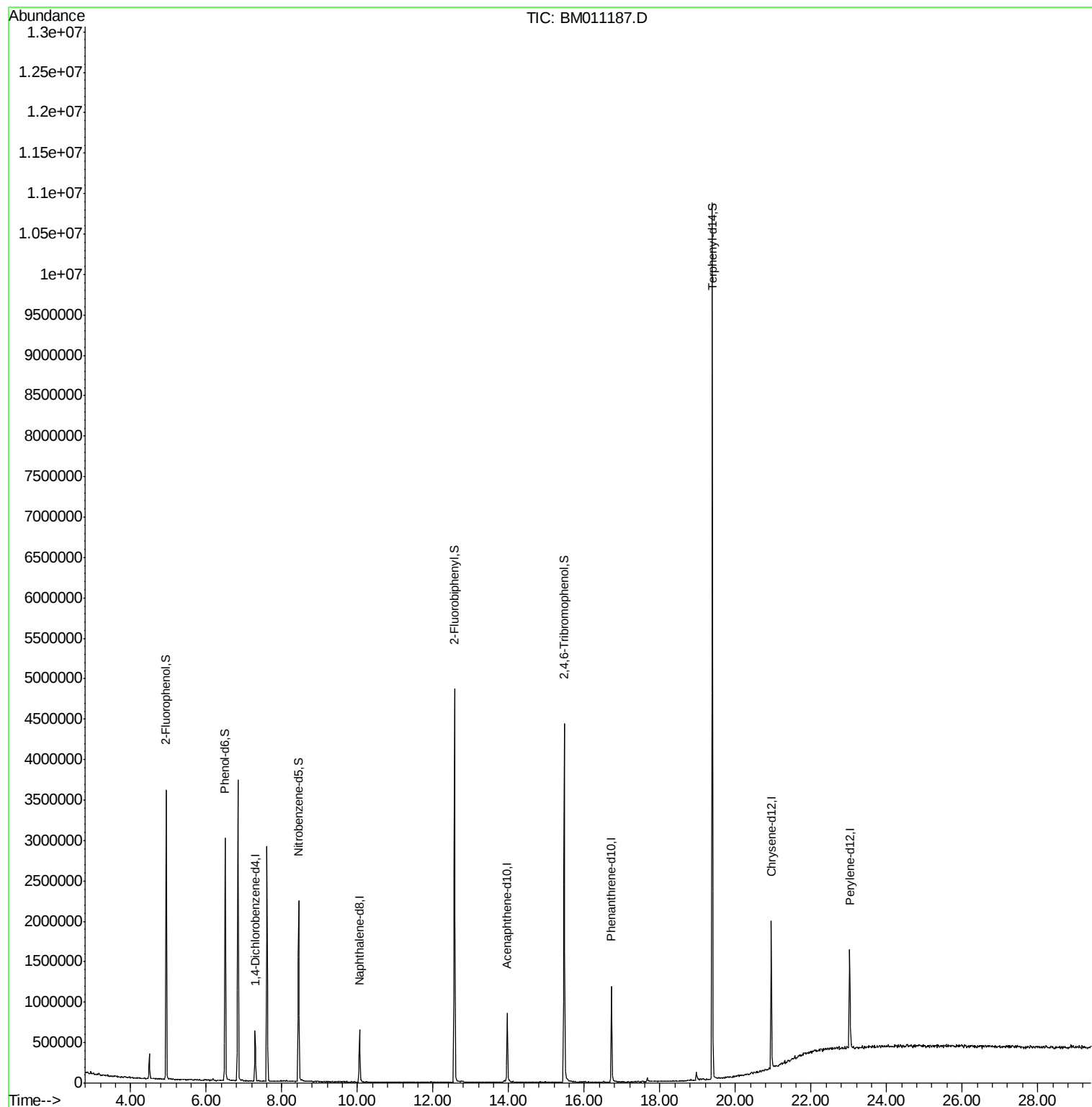
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
Data File : BM011187.D
Acq On : 09 Aug 2017 22:46
Operator : SJ/JU
Sample : I4657-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-080717-A

Quant Time: Aug 10 03:25:53 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



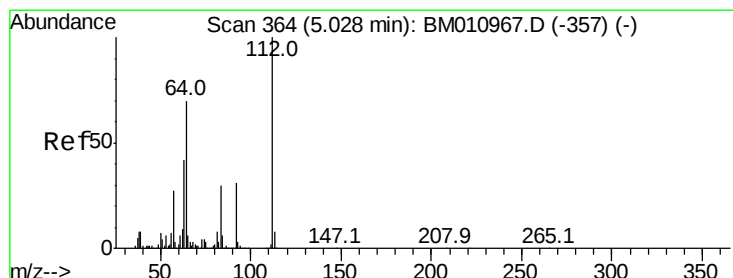
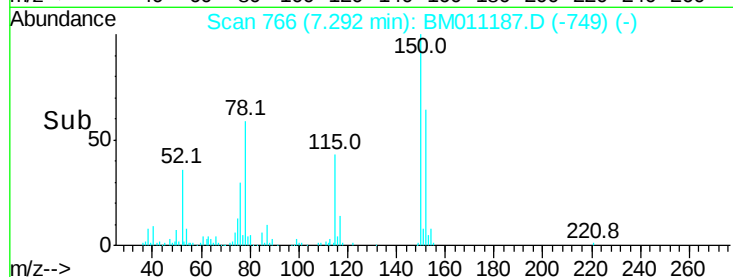
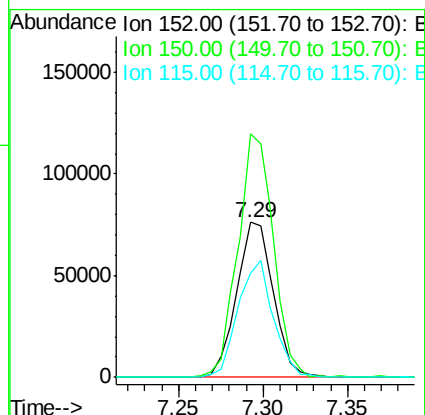
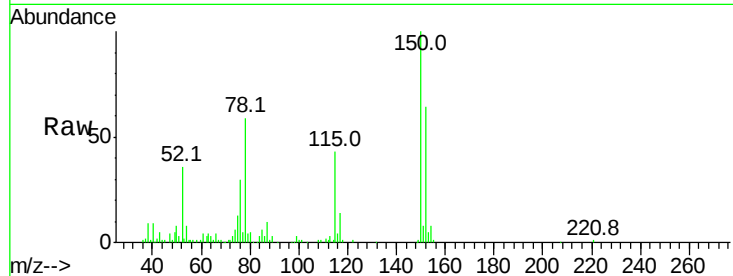


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011187.D
Acq: 09 Aug 2017 22:46

Instrument :
BNA_M
ClientSampleId :
CL-01-080717-A

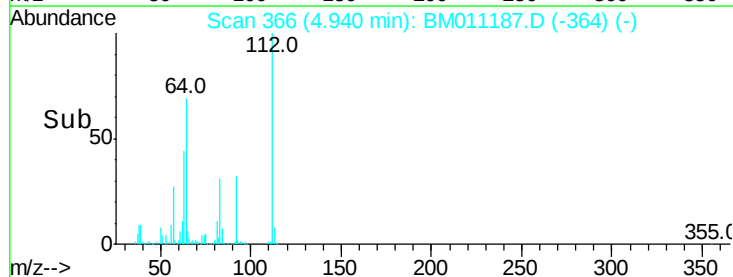
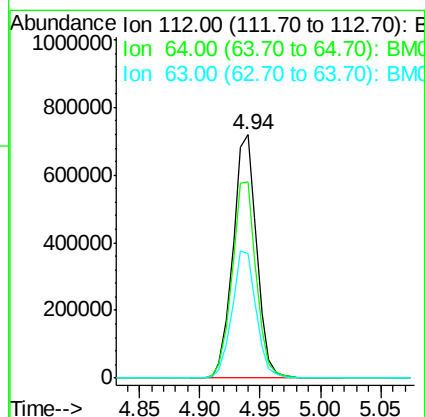
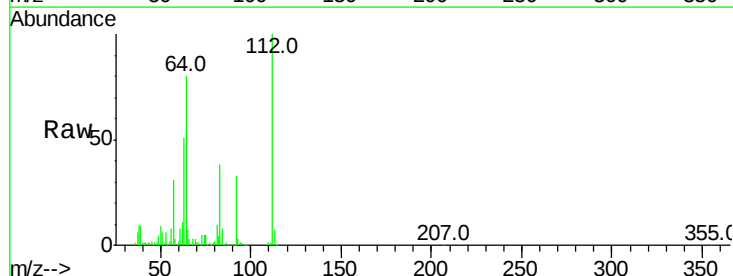
Tot Ion:152 Resp: 115438
Ion Ratio Lower Upper
152 100
150 157.4 119.5 179.3
115 67.6 43.0 64.4#



#5

2-Fluorophenol
Concen: 144.075 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011187.D
Acq: 09 Aug 2017 22:46

Tgt Ion:112 Resp: 983868
Ion Ratio Lower Upper
112 100
64 80.4 38.6 57.8#
63 51.4 19.3 28.9#





#7

Phenol-d6

Concen: 123.963 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011187.D

Acq: 09 Aug 2017 22:46

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-A

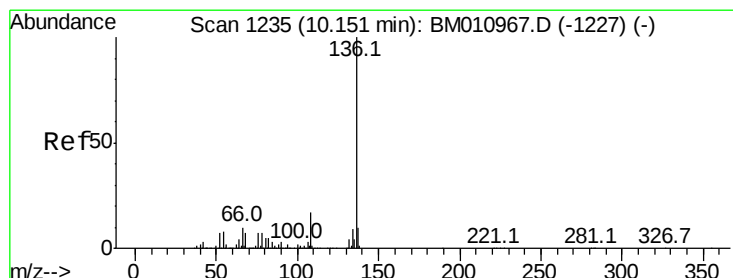
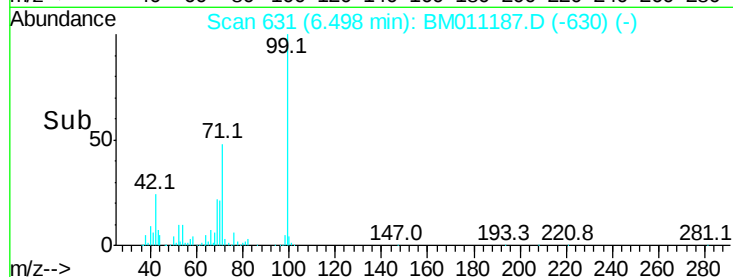
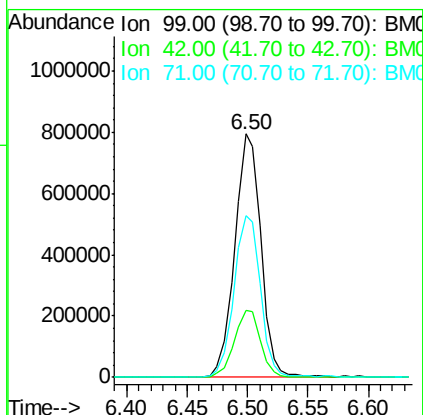
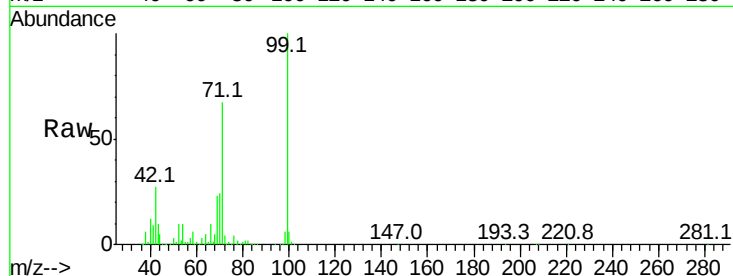
Tot Ion: 99 Resp: 1202761

Ion Ratio Lower Upper

99 100

42 27.4 11.0 16.4#

71 66.6 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: BM011187.D

Acq: 09 Aug 2017 22:46

Tgt Ion: 136 Resp: 373141

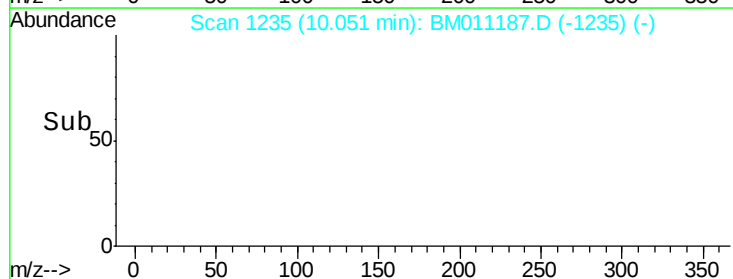
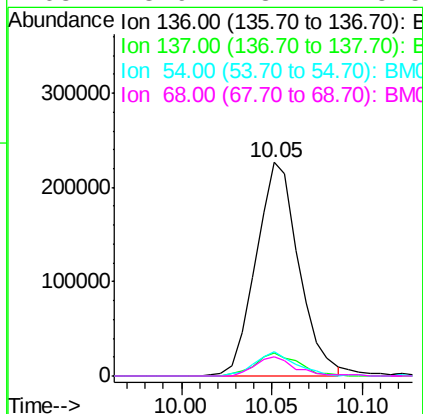
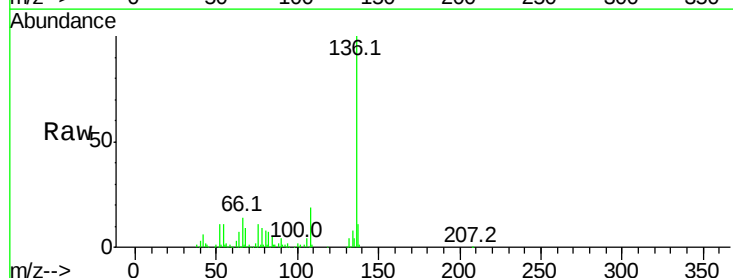
Ion Ratio Lower Upper

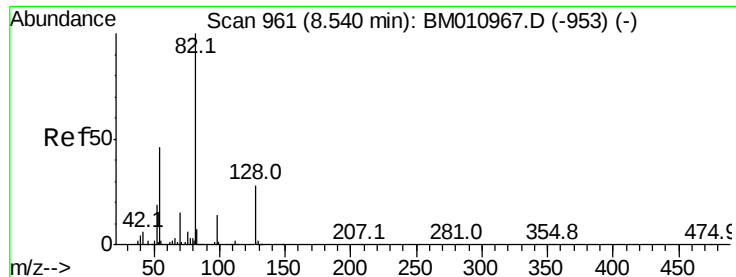
136 100

137 10.8 8.7 13.1

54 11.5 4.6 6.8#

68 8.9 3.7 5.5#

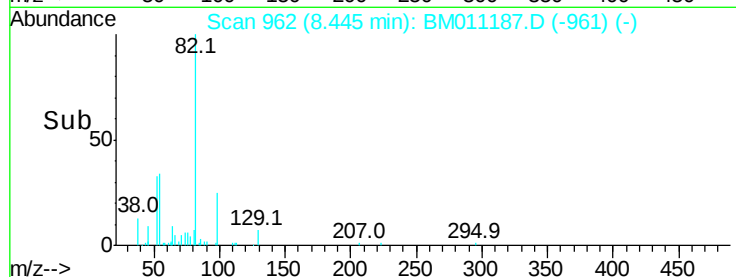
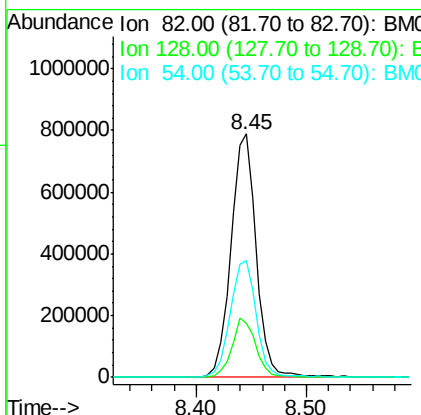
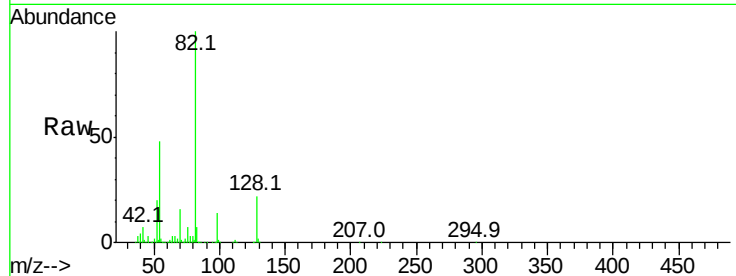




#23
 Nitrobenzene-d5
 Concen: 127.132 ng
 RT: 8.45 min Scan# 962
 Delta R.T. -0.09 min
 Lab File: BM011187.D
 Acq: 09 Aug 2017 22:46

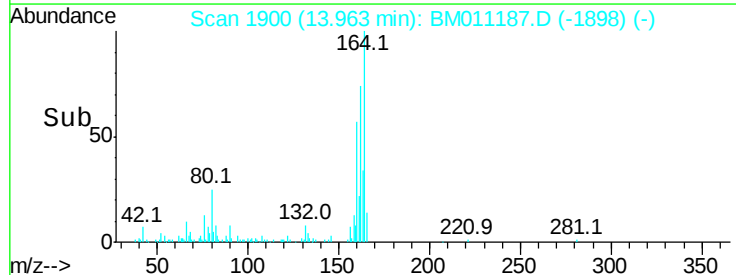
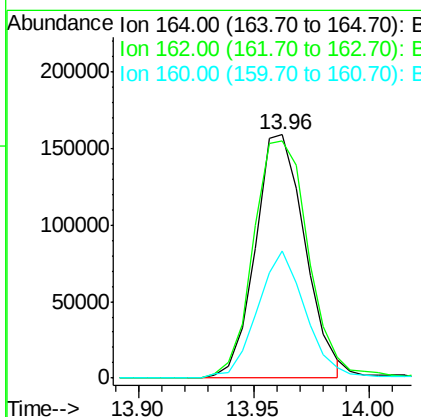
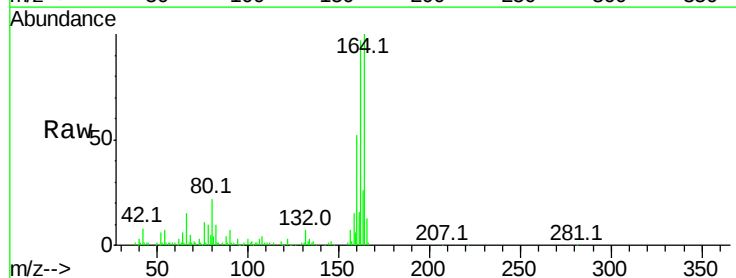
Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-A

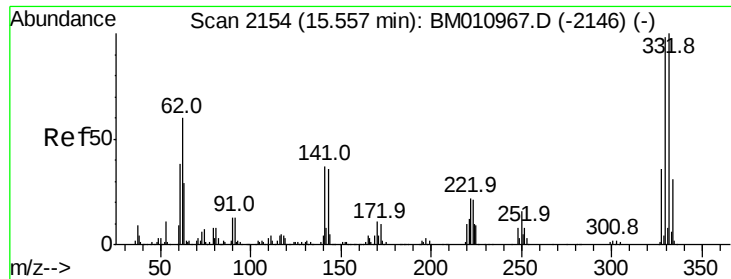
Tot Ion: 82 Resp: 1263957
 Ion Ratio Lower Upper
 82 100
 128 22.5 32.8 49.2#
 54 48.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1900
 Delta R.T. -0.09 min
 Lab File: BM011187.D
 Acq: 09 Aug 2017 22:46

Tgt Ion:164 Resp: 238245
 Ion Ratio Lower Upper
 164 100
 162 97.3 82.4 123.6
 160 52.5 35.8 53.6

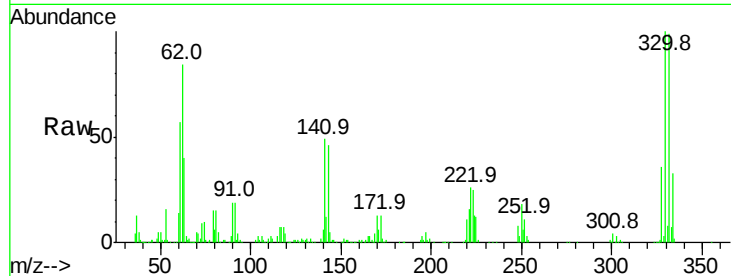




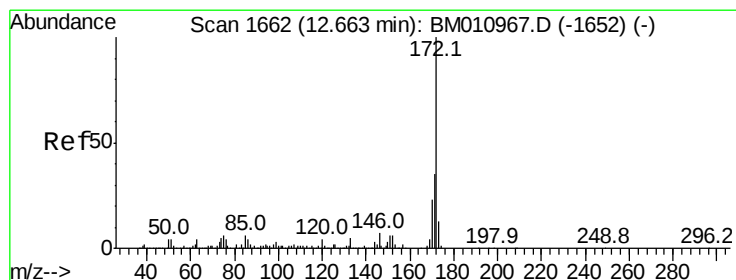
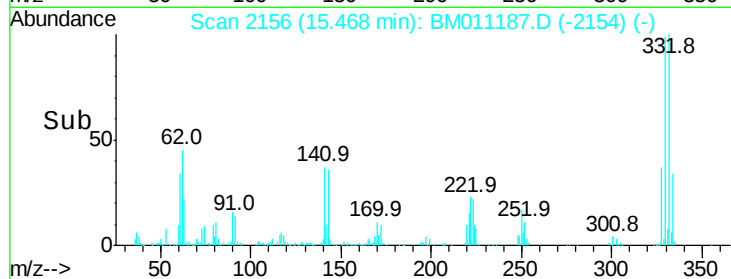
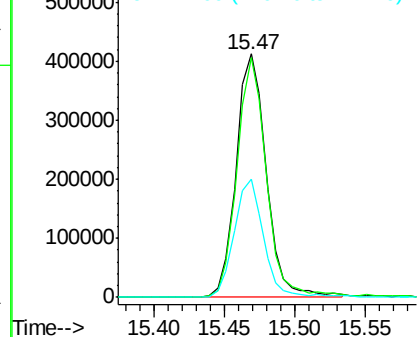
#41
 2,4,6-Tribromophenol
 Concen: 160.660 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011187.D
 Acq: 09 Aug 2017 22:46

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	47.6	0.0	0.0#

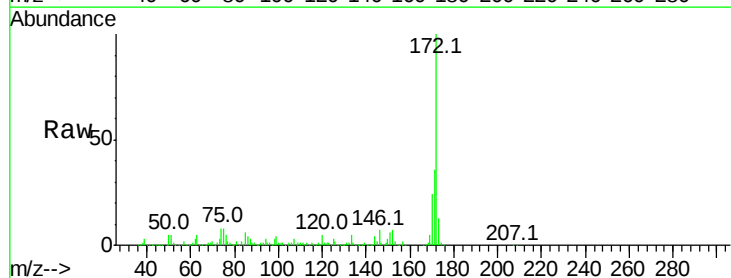


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

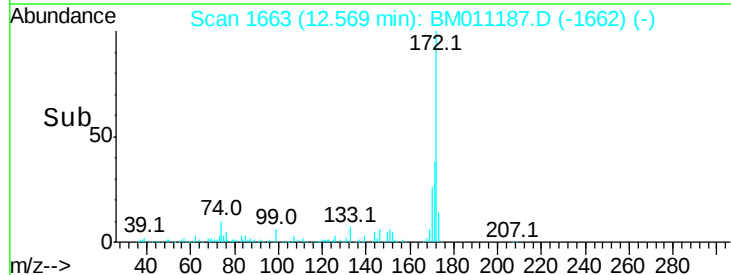
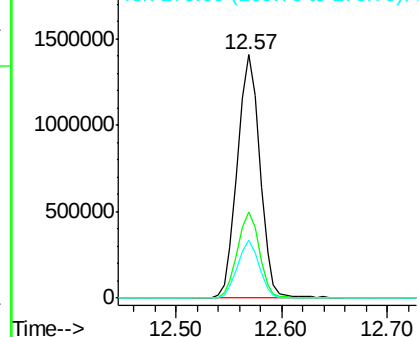


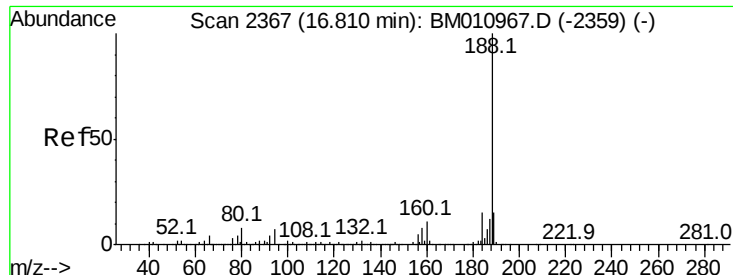
#44
 2-Fluorobiphenyl
 Concen: 109.465 ng
 RT: 12.57 min Scan# 1663
 Delta R.T. -0.09 min
 Lab File: BM011187.D
 Acq: 09 Aug 2017 22:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.7	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

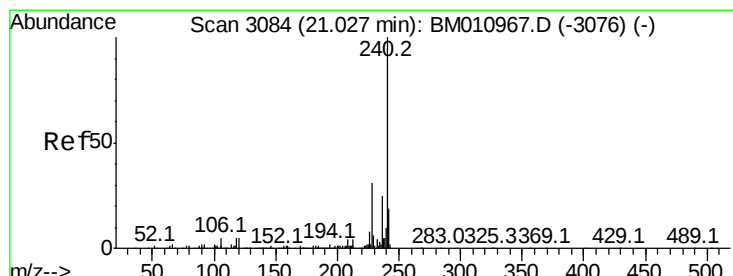
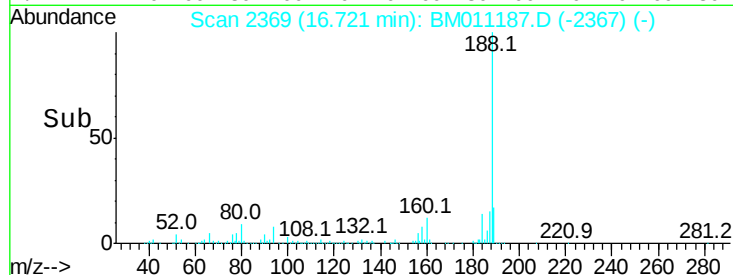
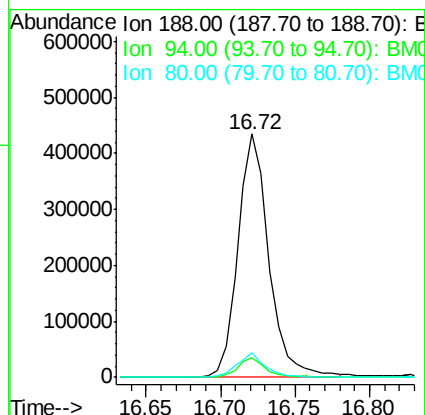
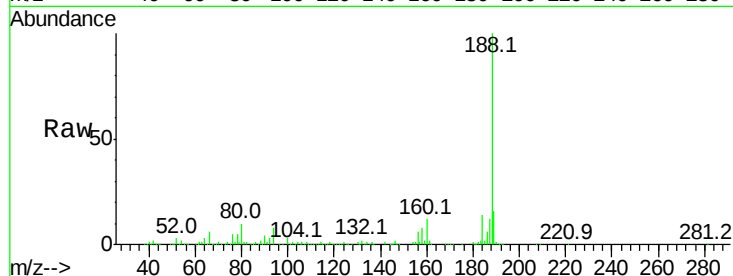




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011187.D
Acq: 09 Aug 2017 22:46

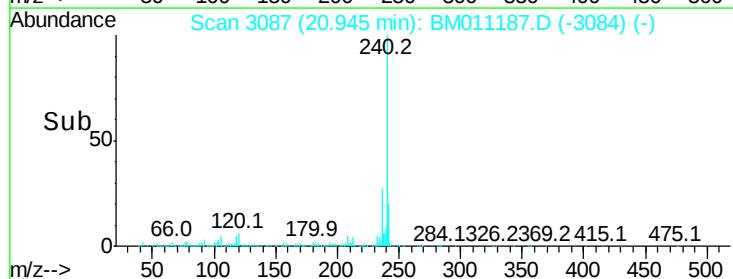
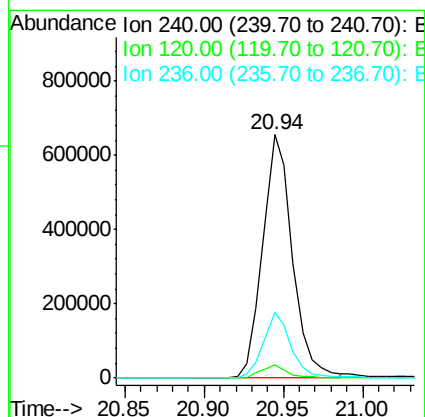
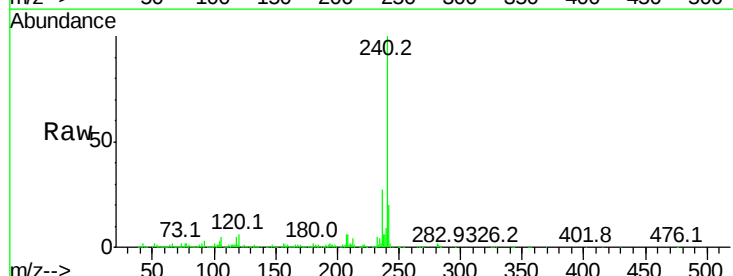
Instrument :
BNA_M
ClientSampleId :
CL-01-080717-A

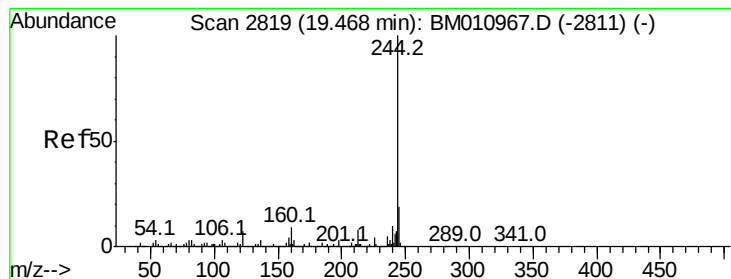
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.7	13.1#
80	10.3	9.3	13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011187.D
Acq: 09 Aug 2017 22:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	8.2	12.2#
236	26.8	20.0	30.0





#78

Terphenyl-d14

Concen: 92.070 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011187.D

Acq: 09 Aug 2017 22:46

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-A

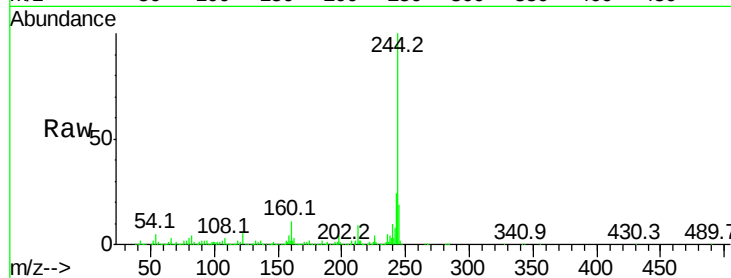
Tot Ion:244 Resp: 3988448

Ion Ratio Lower Upper

244 100

212 8.6 4.9 7.3#

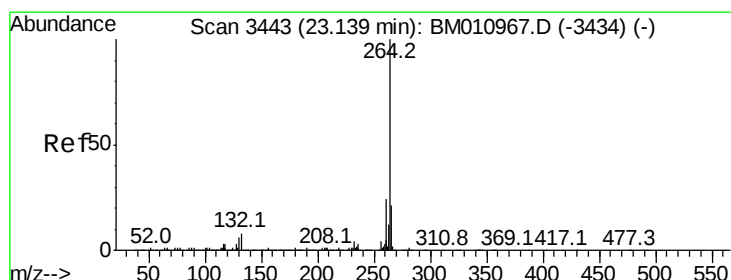
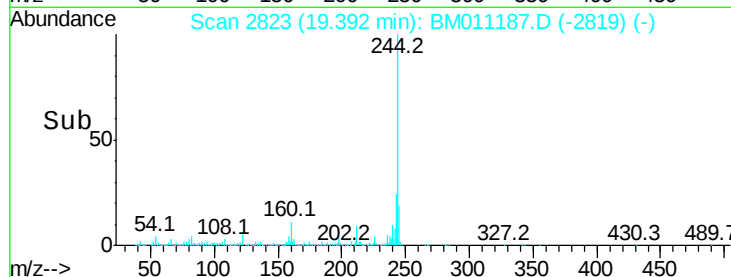
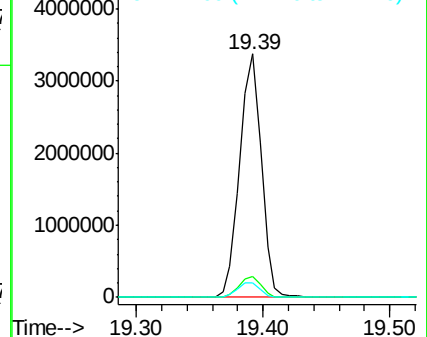
122 5.9 6.2 9.4#



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: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011187.D

Acq: 09 Aug 2017 22:46

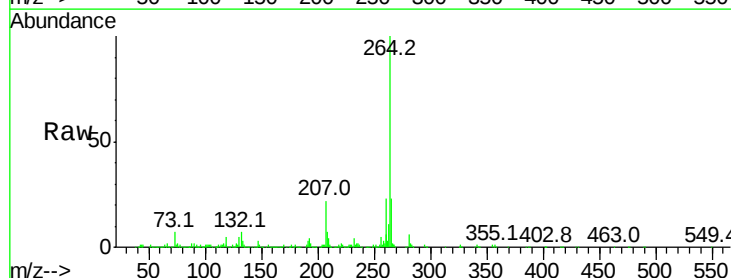
Tgt Ion:264 Resp: 873123

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 22.8 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

