

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
 Data File : BM011300.D
 Acq On : 18 Aug 2017 22:42
 Operator : SJ/JU
 Sample : I4875-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-081717-D

Quant Time: Aug 19 00:00:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	80805	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	259423	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	169036	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	449634	20.00	ng	-0.02
75) Chrysene-d12	20.93	240	659816	20.00	ng	-0.02
86) Perylene-d12	23.00	264	642991	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	638531	133.58	ng	-0.02
7) Phenol-d6	6.48	99	823907	121.31	ng	-0.02
23) Nitrobenzene-d5	8.42	82	890254	128.80	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	367733	135.73	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1345088	99.80	ng	-0.02
78) Terphenyl-d14	19.37	244	2644694	79.40	ng	-0.02

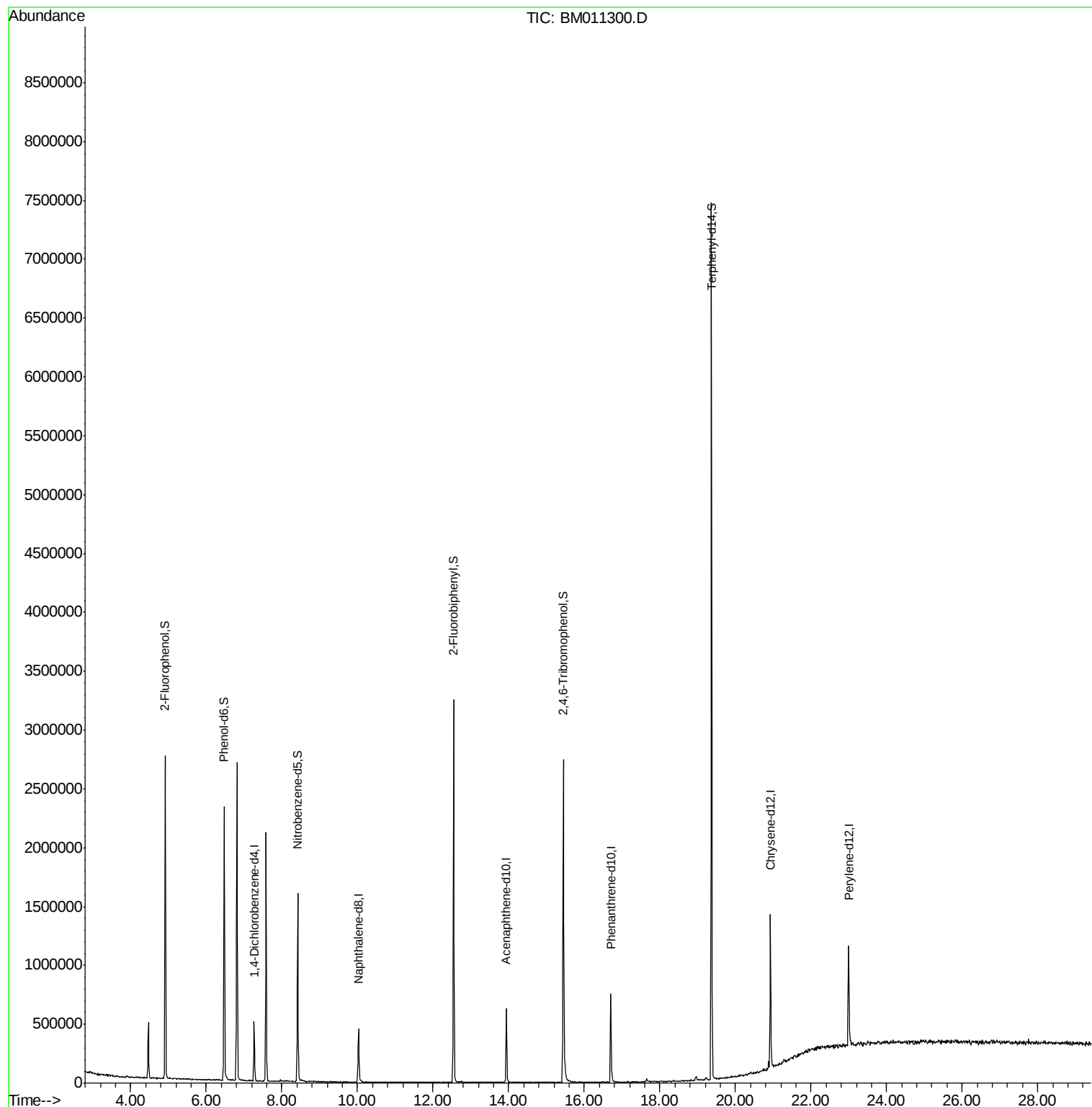
Target Compounds Qvalue

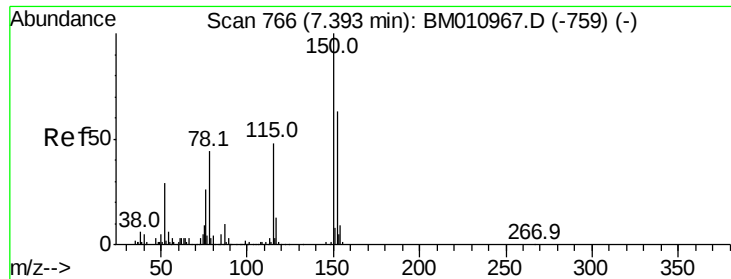
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
Data File : BM011300.D
Acq On : 18 Aug 2017 22:42
Operator : SJ/JU
Sample : I4875-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-D

Quant Time: Aug 19 00:00:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration



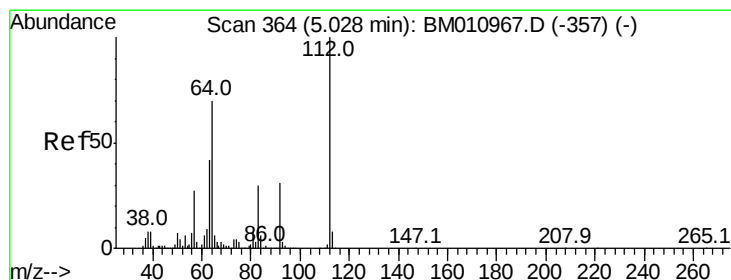
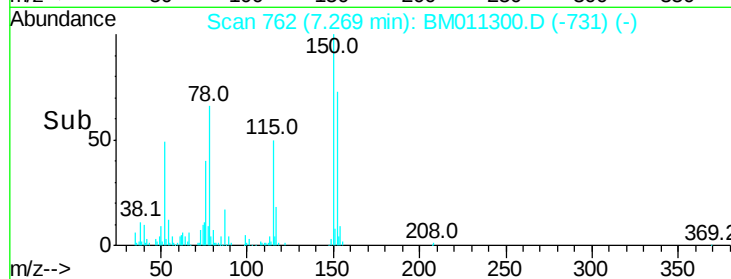
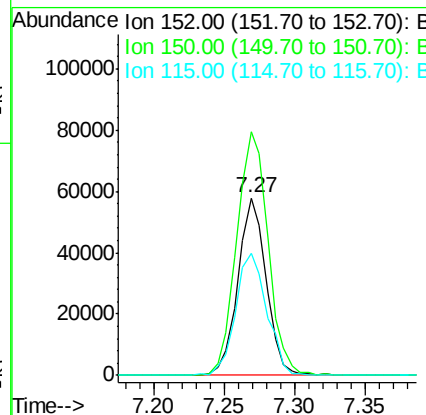
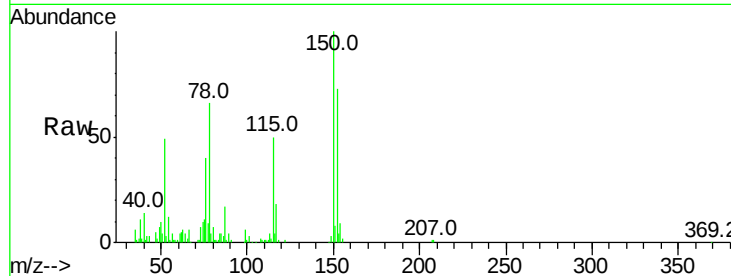


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011300.D
Acq: 18 Aug 2017 22:42

Instrument :
BNA_M
ClientSampleId :
CL-02-081717-D

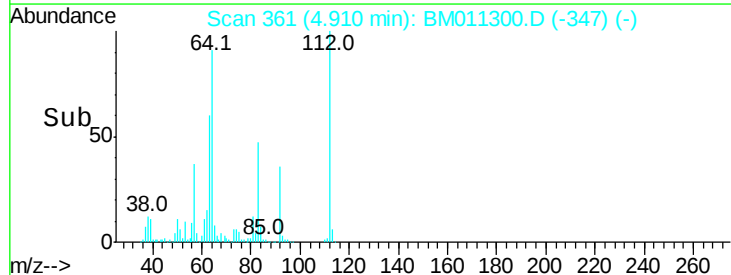
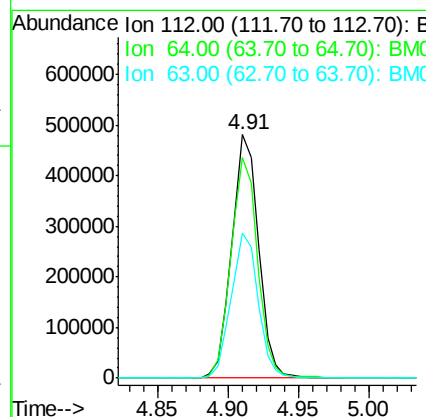
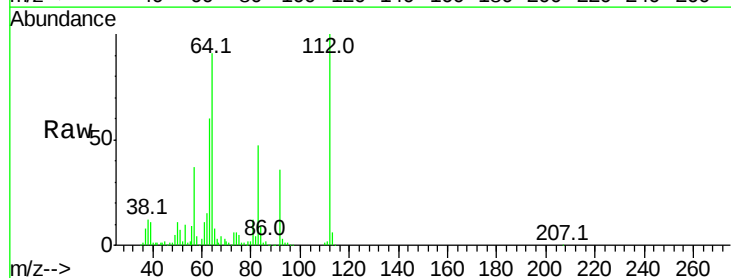
Tot Ion:152 Resp: 80805
Ion Ratio Lower Upper
152 100
150 137.1 119.5 179.3
115 68.7 43.0 64.4#



#5

2-Fluorophenol
Concen: 133.581 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011300.D
Acq: 18 Aug 2017 22:42

Tgt Ion:112 Resp: 638531
Ion Ratio Lower Upper
112 100
64 90.6 38.6 57.8#
63 59.5 19.3 28.9#





#7

Phenol-d6

Concen: 121.311 ng

RT: 6.48 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011300.D

Acq: 18 Aug 2017 22:42

Instrument :

BNA_M

ClientSampleId :

CL-02-081717-D

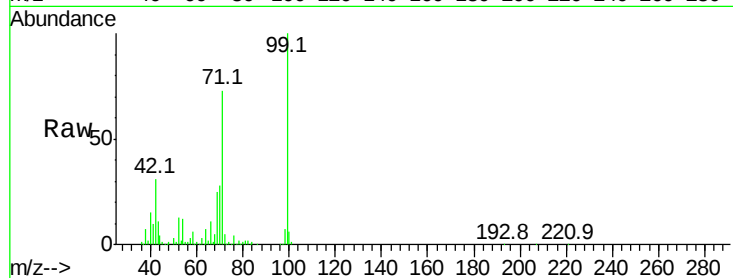
Tot Ion: 99 Resp: 823907

Ion Ratio Lower Upper

99 100

42 31.1 11.0 16.4#

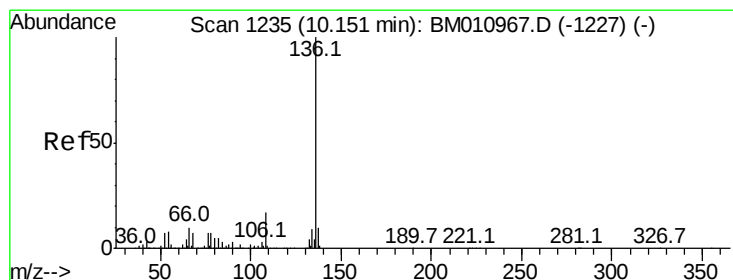
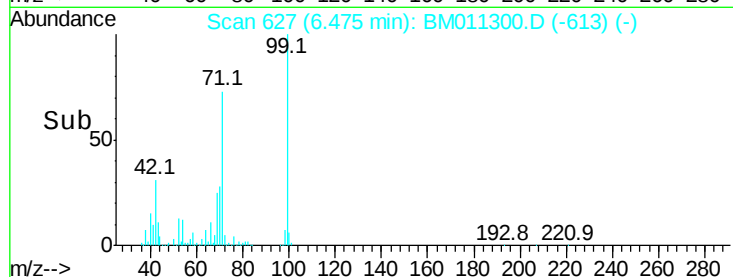
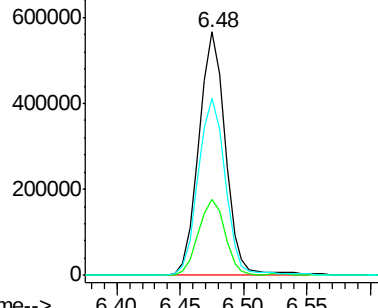
71 72.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011300.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011300.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011300.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011300.D

Acq: 18 Aug 2017 22:42

Tgt Ion: 136 Resp: 259423

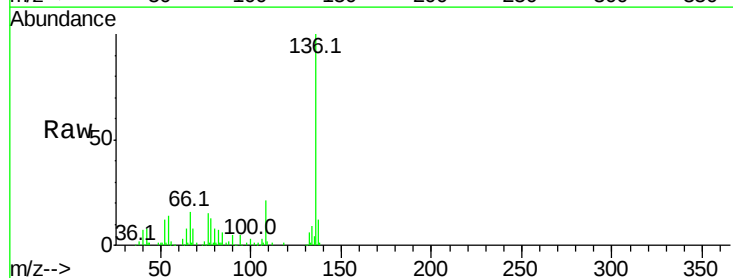
Ion Ratio Lower Upper

136 100

137 12.4 8.7 13.1

54 14.1 4.6 6.8#

68 7.7 3.7 5.5#

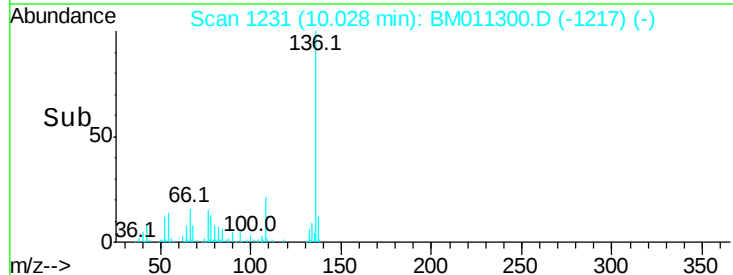
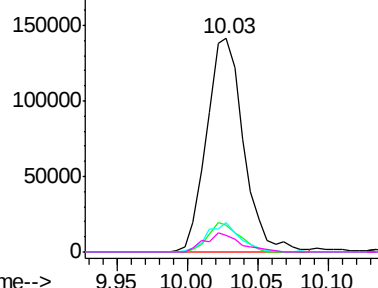


Abundance Ion 136.00 (135.70 to 136.70): BM011300.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011300.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011300.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011300.D (-1217) (-)





#23

Nitrobenzene-d5

Concen: 128.796 ng

RT: 8.42 min Scan# 957

Delta R.T. -0.02 min

Lab File: BM011300.D

Acq: 18 Aug 2017 22:42

Instrument :

BNA_M

ClientSampleId :

CL-02-081717-D

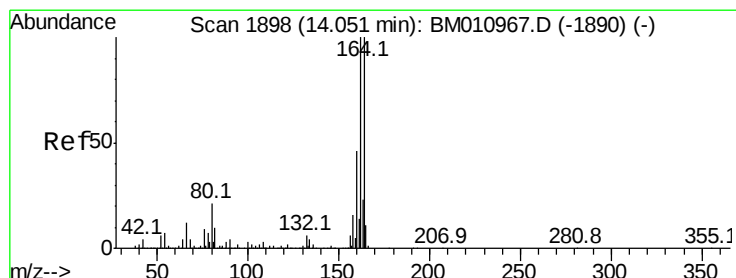
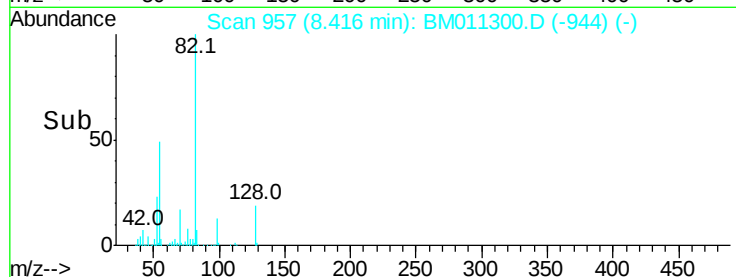
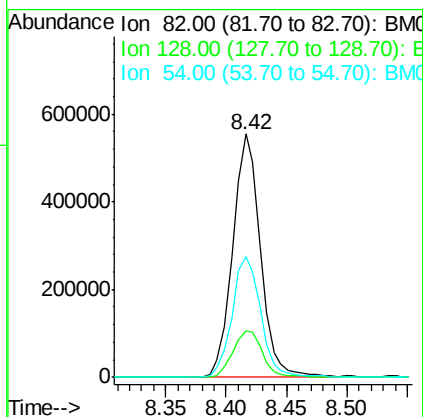
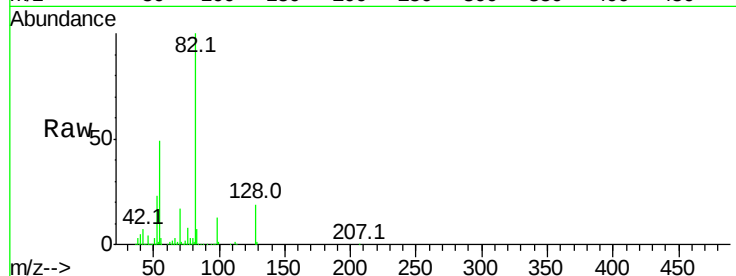
Tot Ion: 82 Resp: 890254

Ion Ratio Lower Upper

82 100

128 19.2 32.8 49.2#

54 49.5 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.94 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BM011300.D

Acq: 18 Aug 2017 22:42

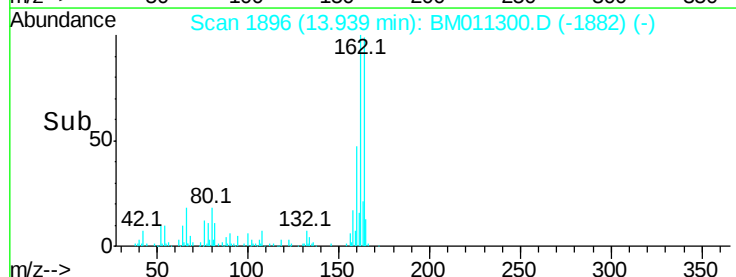
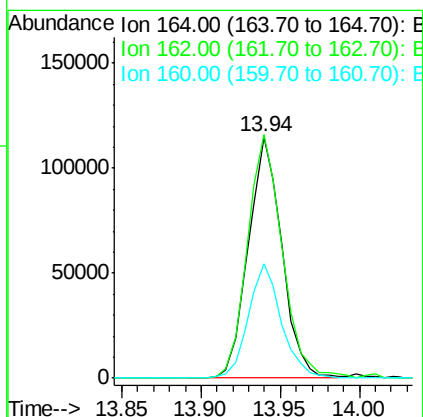
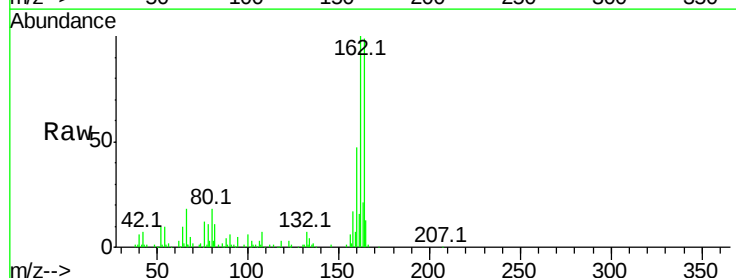
Tgt Ion: 164 Resp: 169036

Ion Ratio Lower Upper

164 100

162 100.9 82.4 123.6

160 47.1 35.8 53.6

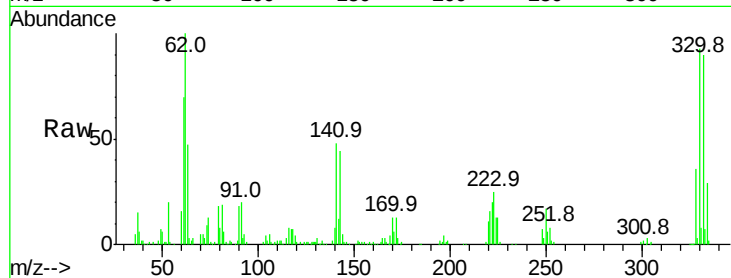




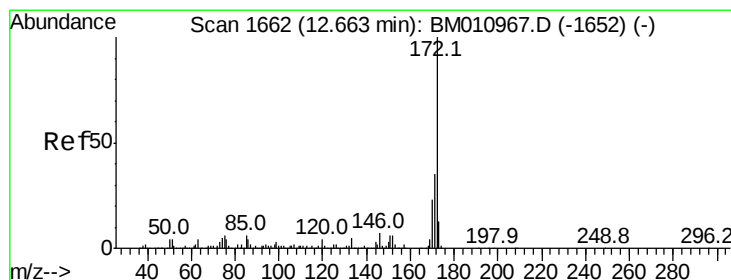
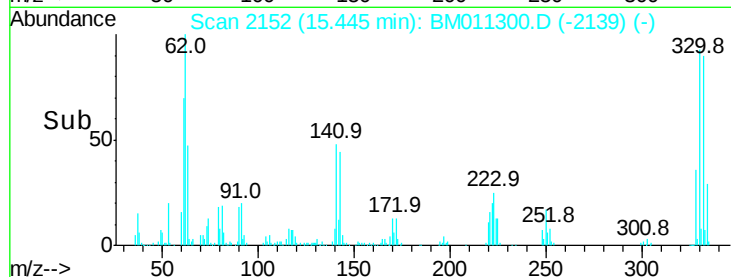
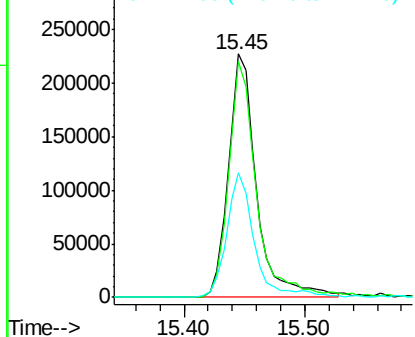
#41
 2,4,6-Tribromophenol
 Concen: 135.730 ng
 RT: 15.45 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011300.D
 Acq: 18 Aug 2017 22:42

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-081717-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	50.2	0.0	0.0#

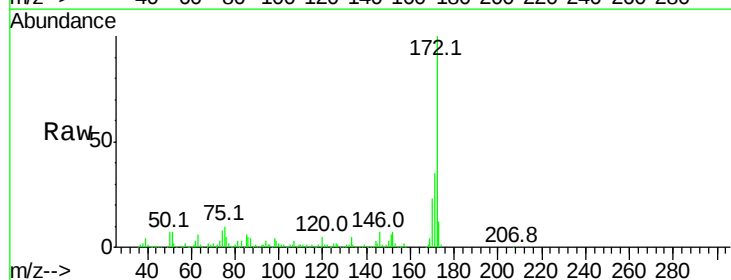


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

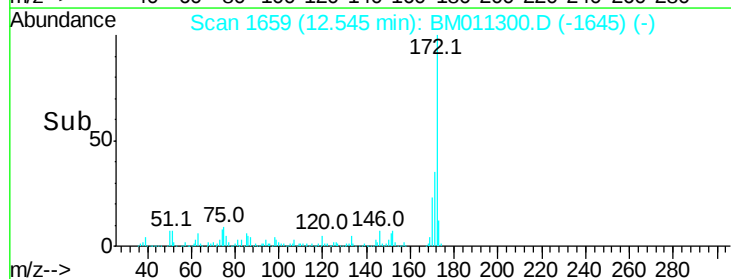
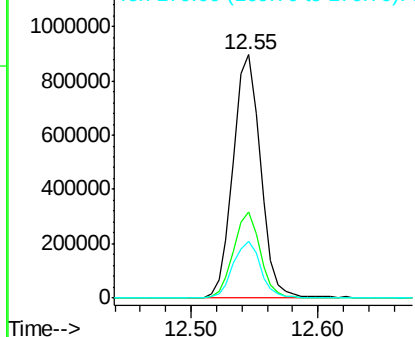


#44
 2-Fluorobiphenyl
 Concen: 99.797 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011300.D
 Acq: 18 Aug 2017 22:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.2	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: 16.70 min Scan# 2365

Delta R.T. -0.02 min

Lab File: BM011300.D

Acq: 18 Aug 2017 22:42

Instrument :

BNA_M

ClientSampleId :

CL-02-081717-D

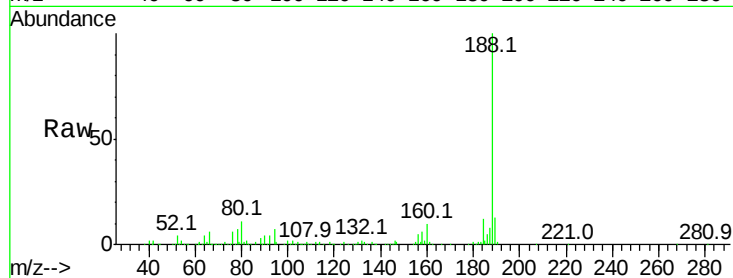
Tot Ion:188 Resp: 449634

Ion Ratio Lower Upper

188 100

94 7.1 8.7 13.1#

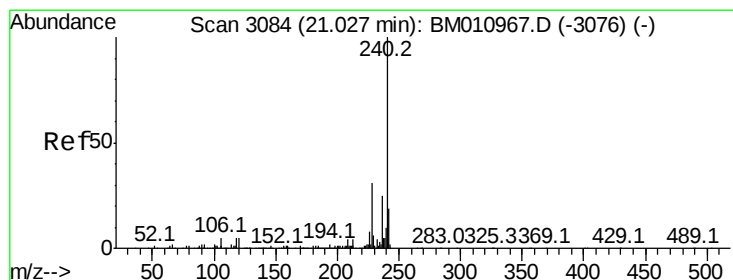
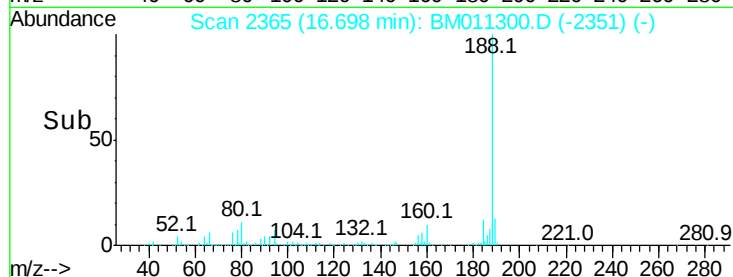
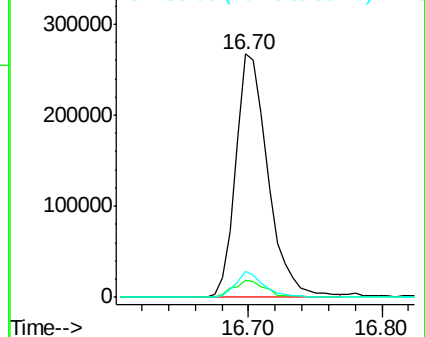
80 10.8 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011300.D

Acq: 18 Aug 2017 22:42

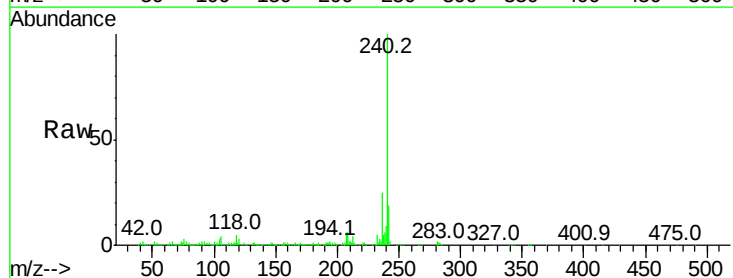
Tgt Ion:240 Resp: 659816

Ion Ratio Lower Upper

240 100

120 2.8 8.2 12.2#

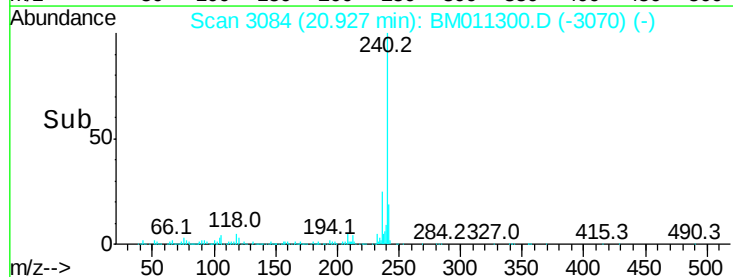
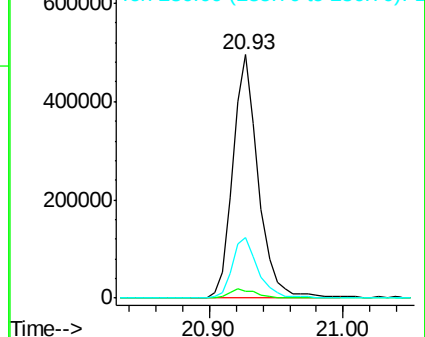
236 24.9 20.0 30.0

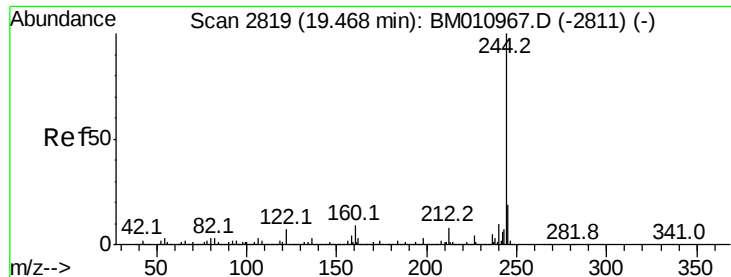


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

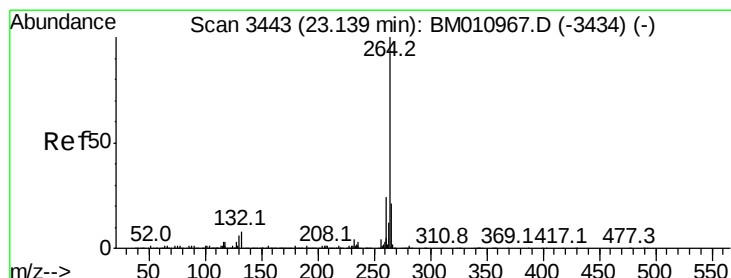
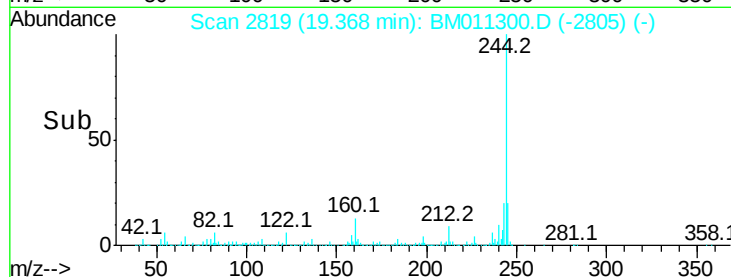
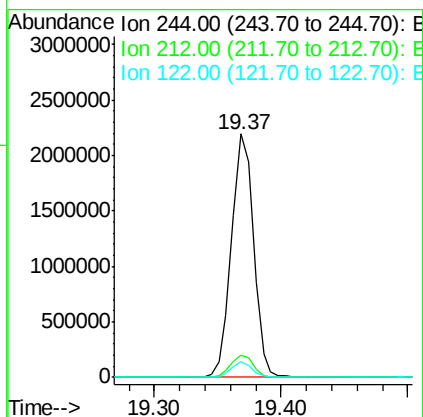
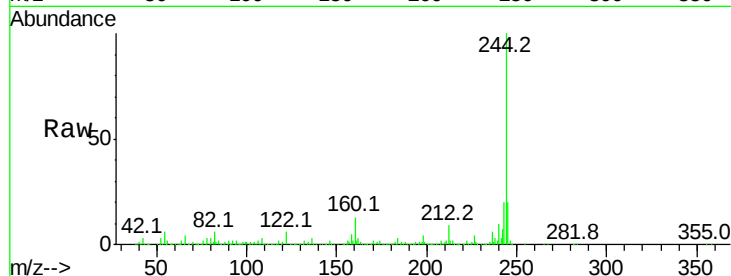




#78
 Terphenyl-d14
 Concen: 79.398 ng
 RT: 19.37 min Scan# 2819
 Delta R.T. -0.02 min
 Lab File: BM011300.D
 Acq: 18 Aug 2017 22:42

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-081717-D

Tot Ion:244 Resp: 2644694
 Ion Ratio Lower Upper
 244 100
 212 9.1 4.9 7.3#
 122 6.4 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.00 min Scan# 3436
 Delta R.T. -0.02 min
 Lab File: BM011300.D
 Acq: 18 Aug 2017 22:42

Tgt Ion:264 Resp: 642991
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.6 27.8
 265 21.5 17.3 25.9

