

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
 Data File : BM011355.D
 Acq On : 25 Aug 2017 22:05
 Operator : SJ/JU
 Sample : I4944-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 4-1-DRUMS-COMP

Quant Time: Aug 26 01:09:04 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	7.26	152	132045	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	453924	20.00	ng	-0.03
38) Acenaphthene-d10	13.93	164	287647	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	749689	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	971724	20.00	ng	-0.02
86) Perylene-d12	22.99	264	916144	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	1055682	135.15	ng	-0.02
7) Phenol-d6	6.47	99	1389415	125.19	ng	-0.02
23) Nitrobenzene-d5	8.41	82	1456237	120.41	ng	-0.03
41) 2,4,6-Tribromophenol	15.44	330	577864	125.34	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	2157323	94.06	ng	-0.02
78) Terphenyl-d14	19.37	244	3901425	79.53	ng	-0.02

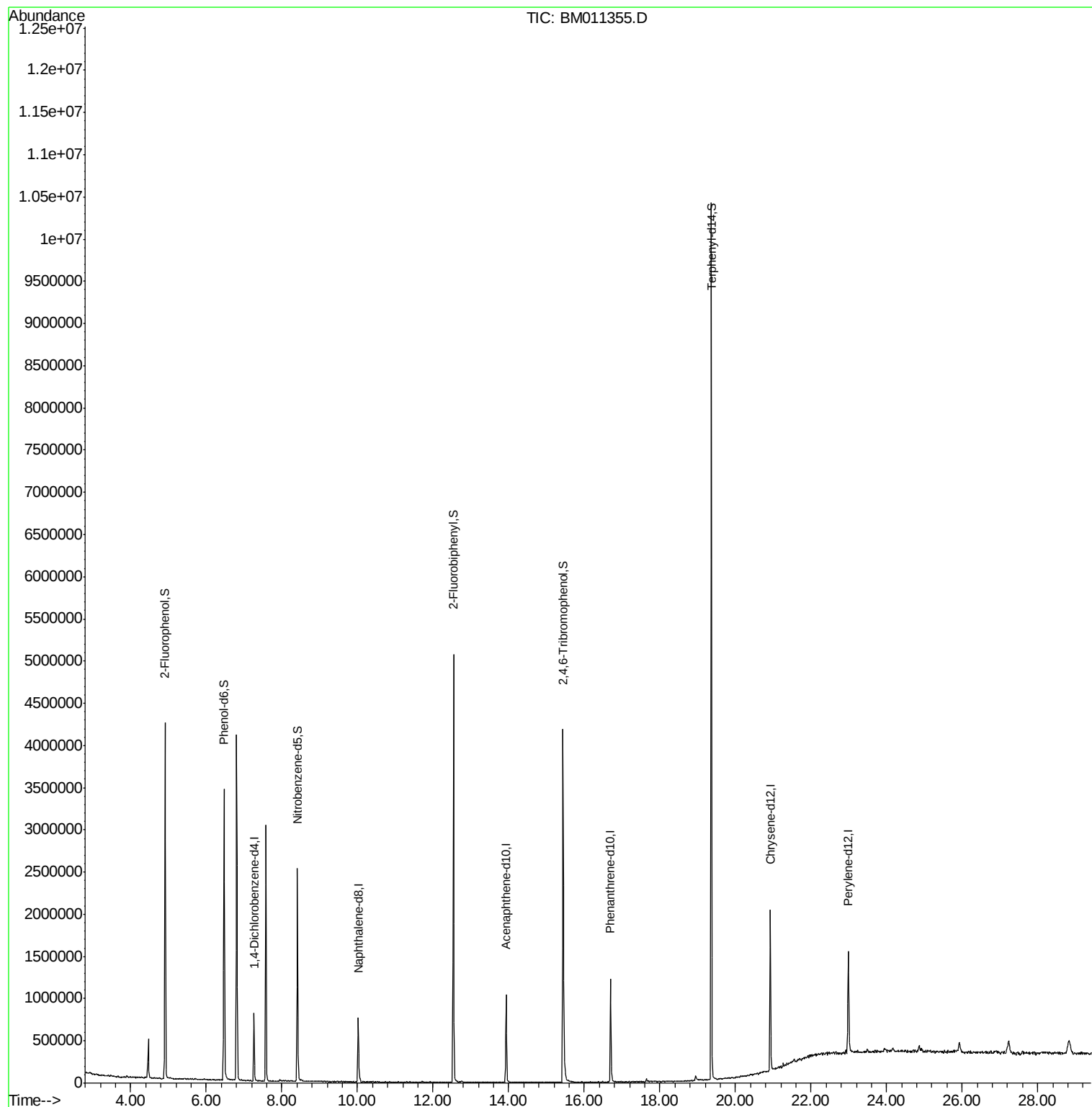
Target Compounds Qvalue

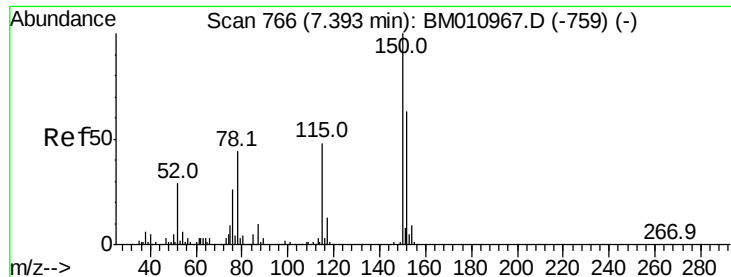
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
Data File : BM011355.D
Acq On : 25 Aug 2017 22:05
Operator : SJ/JU
Sample : I4944-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
4-1-DRUMS-COMP

Quant Time: Aug 26 01:09:04 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



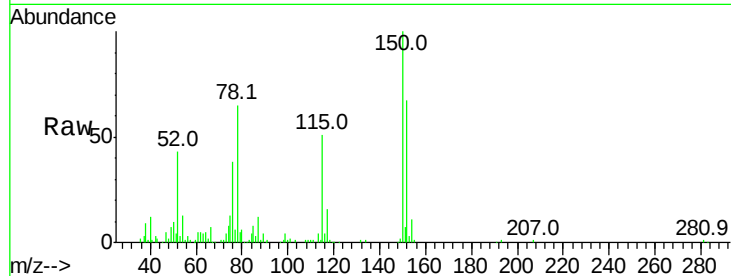


#1

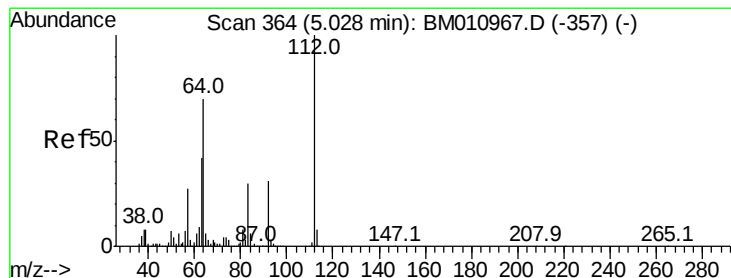
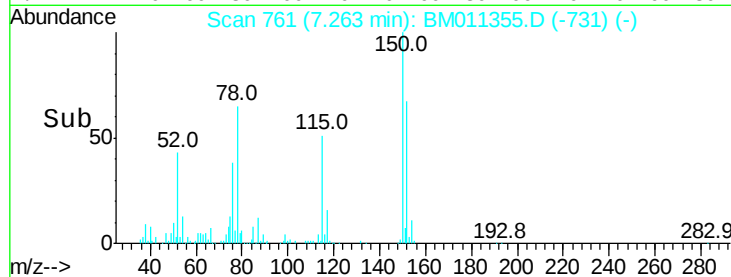
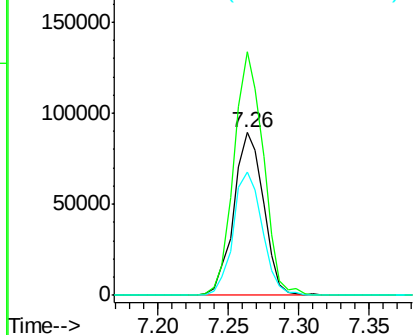
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011355.D
Acq: 25 Aug 2017 22:05

Instrument :
BNA_M
ClientSampleId :
4-1-DRUMS-COMP

Tot Ion:152 Resp: 132045
Ion Ratio Lower Upper
152 100
150 149.8 119.5 179.3
115 76.0 43.0 64.4#



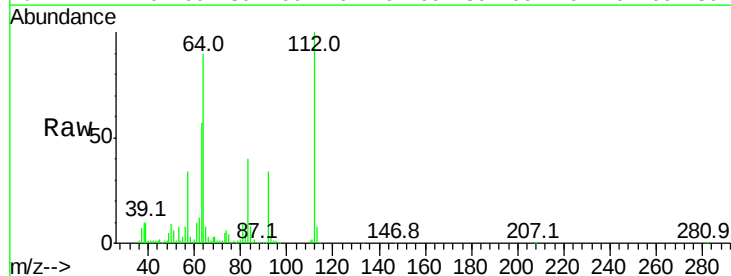
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



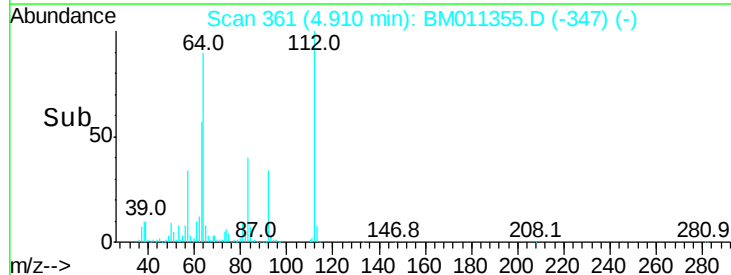
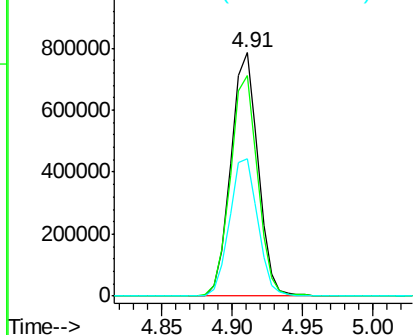
#5

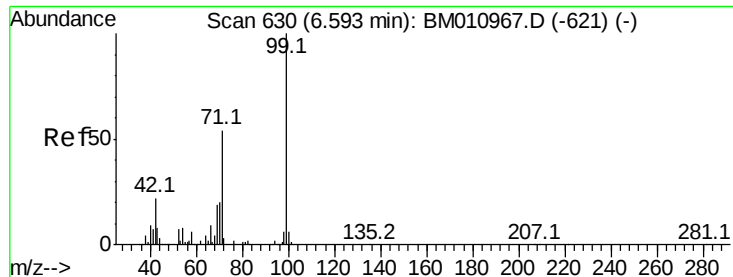
2-Fluorophenol
Concen: 135.148 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011355.D
Acq: 25 Aug 2017 22:05

Tgt Ion:112 Resp: 1055682
Ion Ratio Lower Upper
112 100
64 90.4 38.6 57.8#
63 56.6 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: 125.191 ng

RT: 6.47 min Scan# 626

Delta R.T. -0.02 min

Lab File: BM011355.D

Acq: 25 Aug 2017 22:05

Instrument :

BNA_M

ClientSampleId :

4-1-DRUMS-COMP

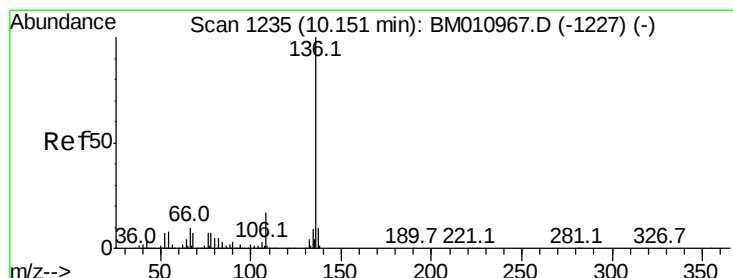
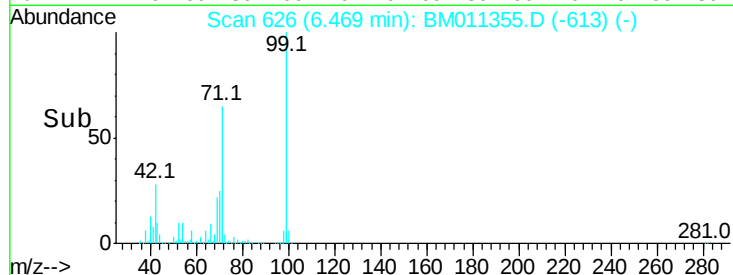
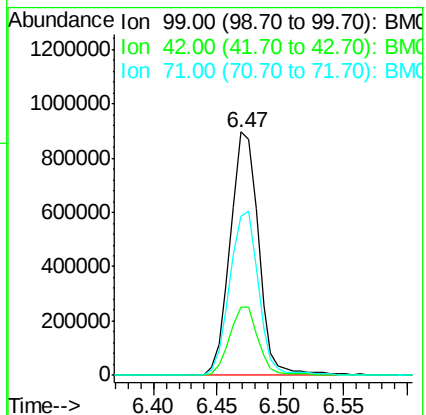
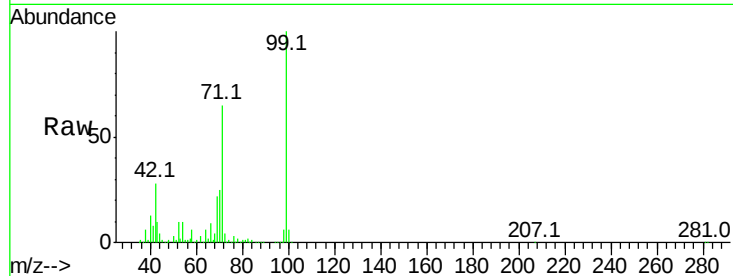
Tot Ion: 99 Resp: 1389415

Ion Ratio Lower Upper

99 100

42 27.9 11.0 16.4#

71 65.2 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1229

Delta R.T. -0.03 min

Lab File: BM011355.D

Acq: 25 Aug 2017 22:05

Tgt Ion: 136 Resp: 453924

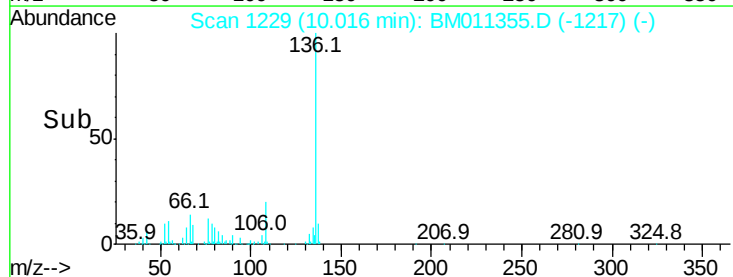
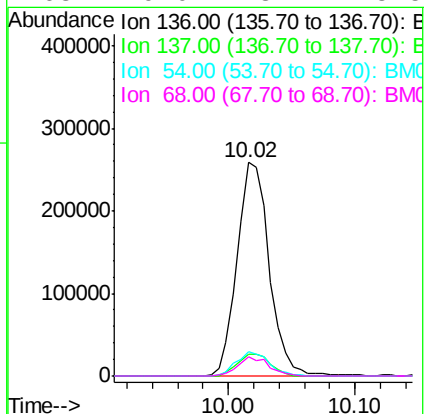
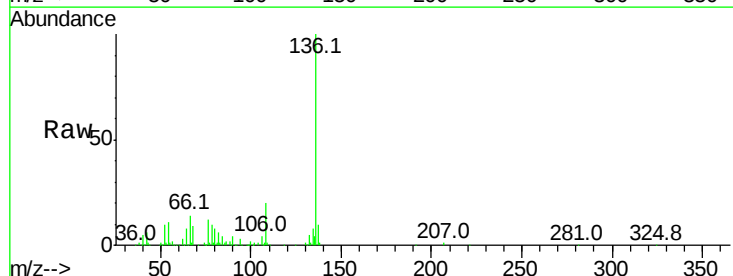
Ion Ratio Lower Upper

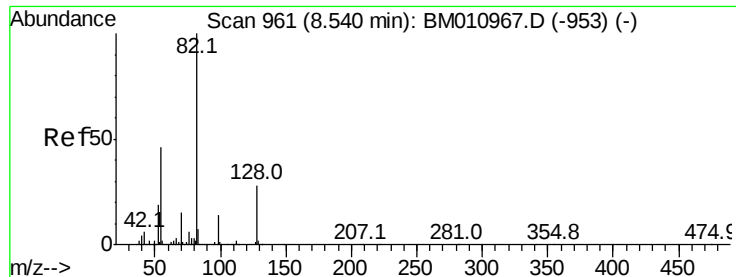
136 100

137 10.1 8.7 13.1

54 11.3 4.6 6.8#

68 9.0 3.7 5.5#

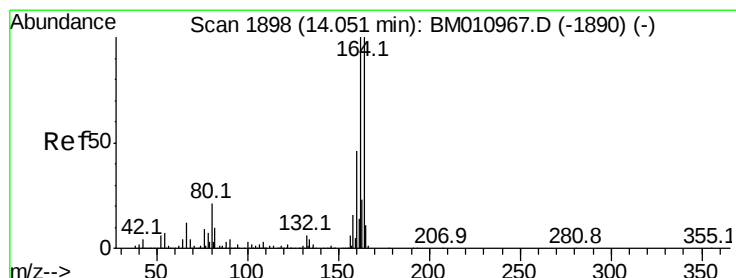
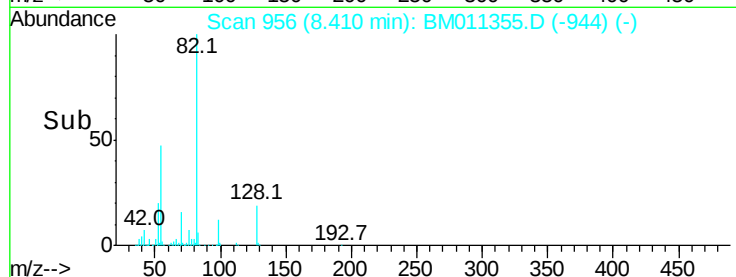
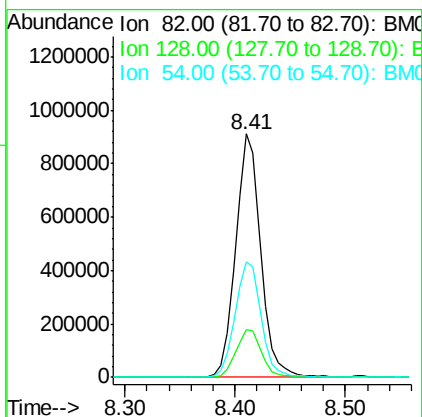
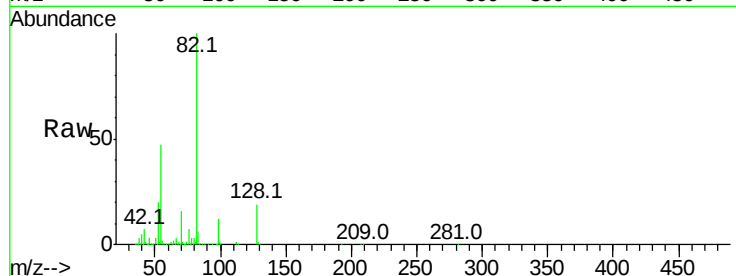




#23
 Nitrobenzene-d5
 Concen: 120.405 ng
 RT: 8.41 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BM011355.D
 Acq: 25 Aug 2017 22:05

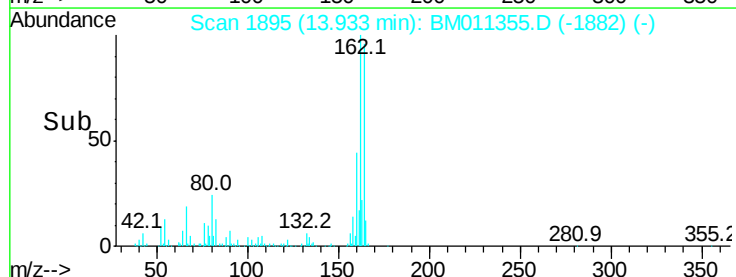
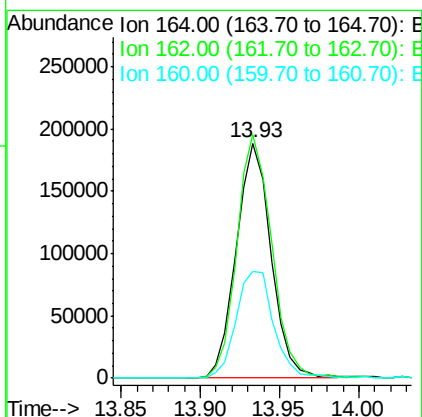
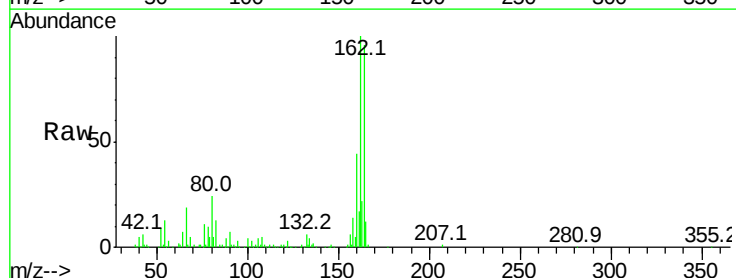
Instrument :
 BNA_M
 ClientSampleId :
 4-1-DRUMS-COMP

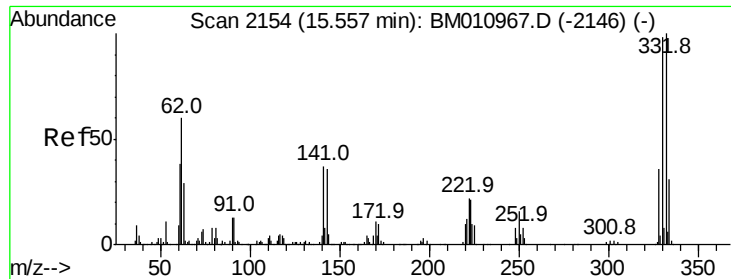
Tot Ion: 82 Resp: 1456237
 Ion Ratio Lower Upper
 82 100
 128 19.4 32.8 49.2#
 54 47.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.93 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BM011355.D
 Acq: 25 Aug 2017 22:05

Tgt Ion:164 Resp: 287647
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.4 123.6
 160 45.5 35.8 53.6

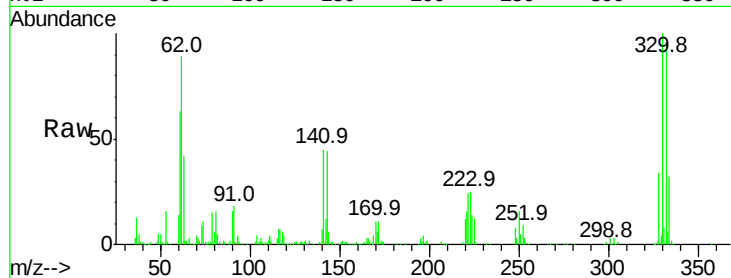




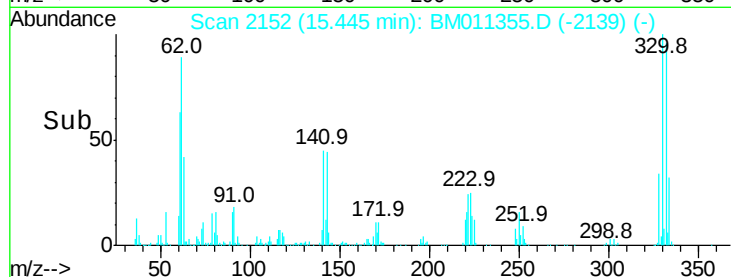
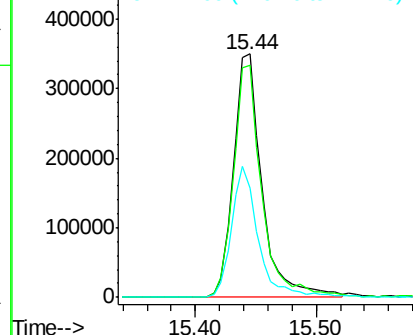
#41
 2,4,6-Tribromophenol
 Concen: 125.340 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011355.D
 Acq: 25 Aug 2017 22:05

Instrument :
 BNA_M
 ClientSampleId :
 4-1-DRUMS-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	0.0	0.0#
141	50.6	0.0	0.0#

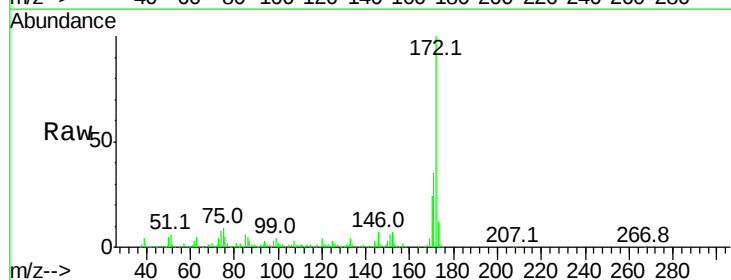


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

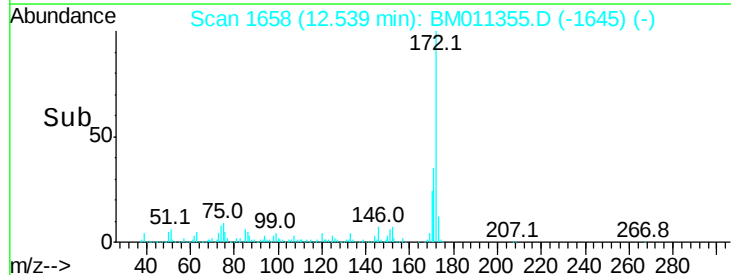
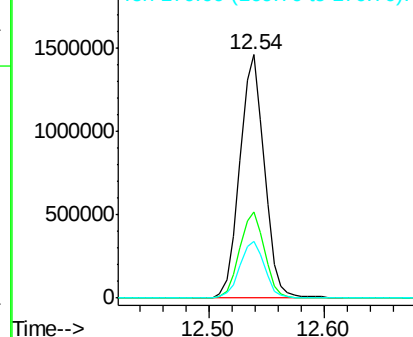


#44
 2-Fluorobiphenyl
 Concen: 94.059 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011355.D
 Acq: 25 Aug 2017 22:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.5	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

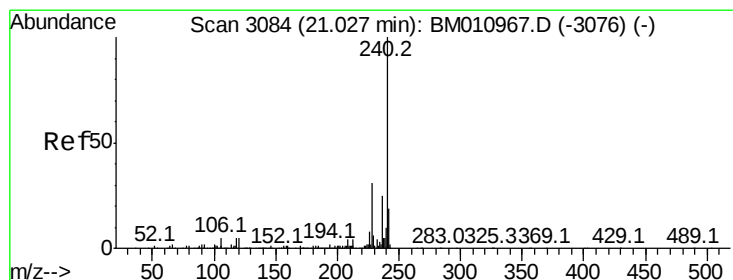
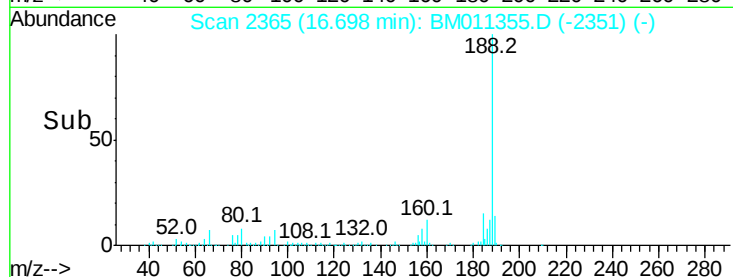
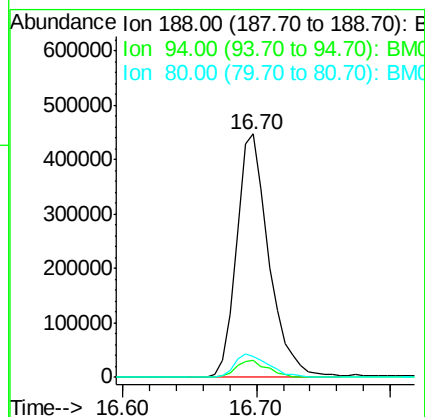
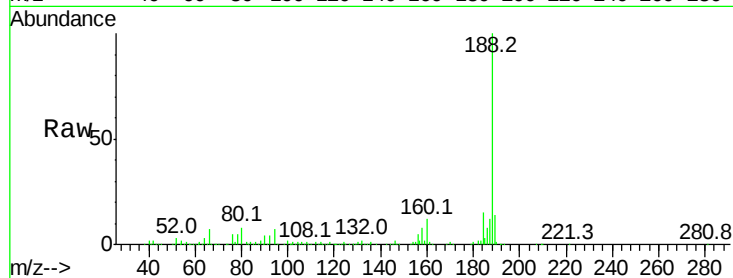




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011355.D
Acq: 25 Aug 2017 22:05

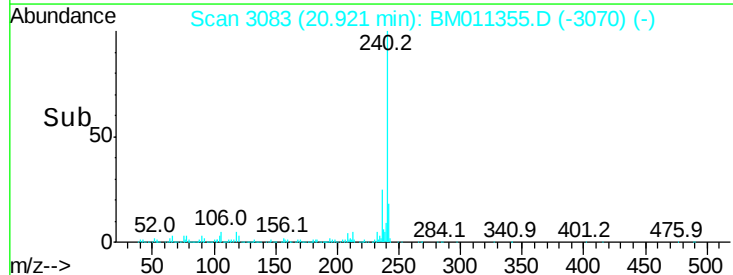
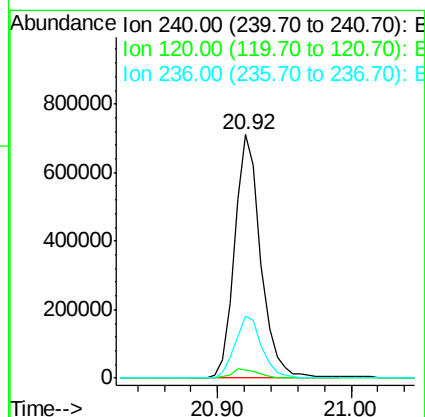
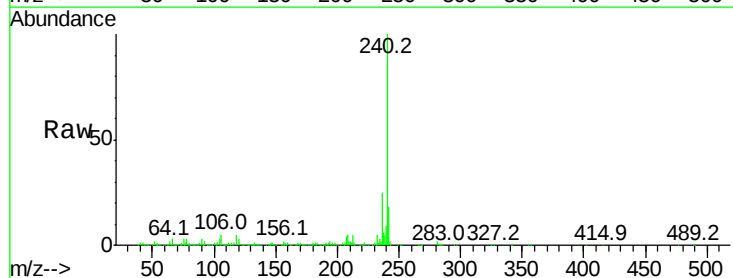
Instrument :
BNA_M
ClientSampleId :
4-1-DRUMS-COMP

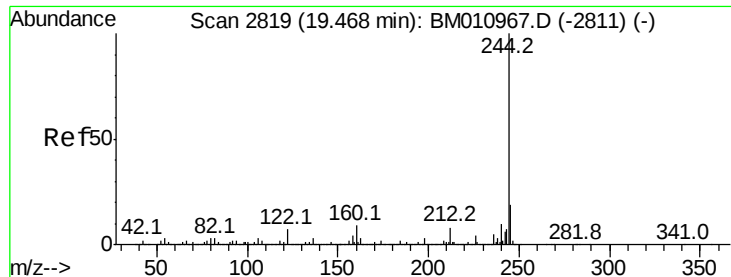
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.7	13.1#
80	8.5	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.92 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM011355.D
Acq: 25 Aug 2017 22:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.4	8.2	12.2#
236	25.2	20.0	30.0





#78

Terphenyl-d14

Concen: 79.531 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011355.D

Acq: 25 Aug 2017 22:05

Instrument :

BNA_M

ClientSampleId :

4-1-DRUMS-COMP

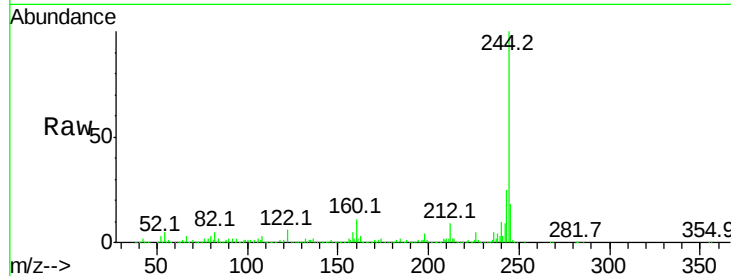
Tot Ion:244 Resp: 3901425

Ion Ratio Lower Upper

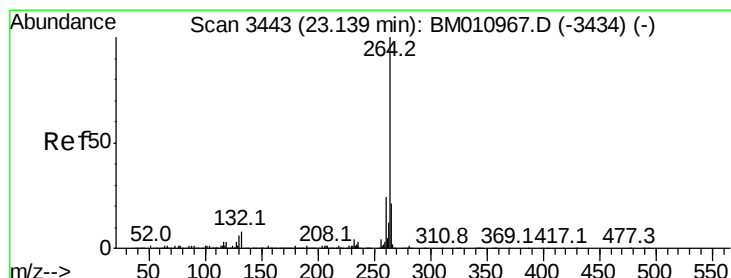
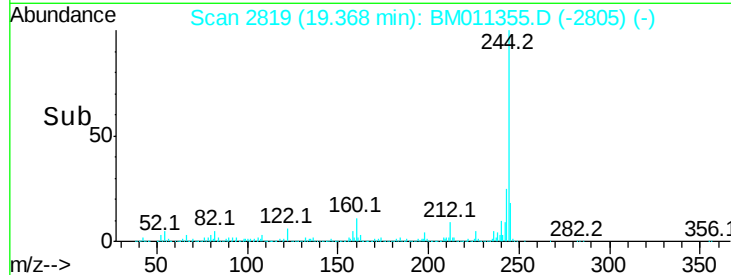
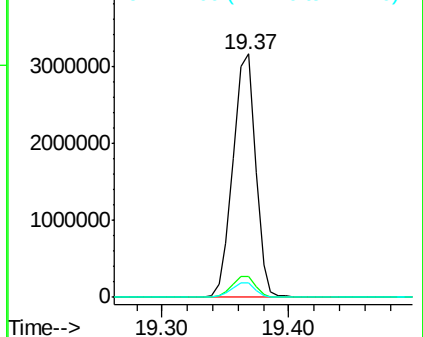
244 100

212 8.5 4.9 7.3#

122 6.1 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: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011355.D

Acq: 25 Aug 2017 22:05

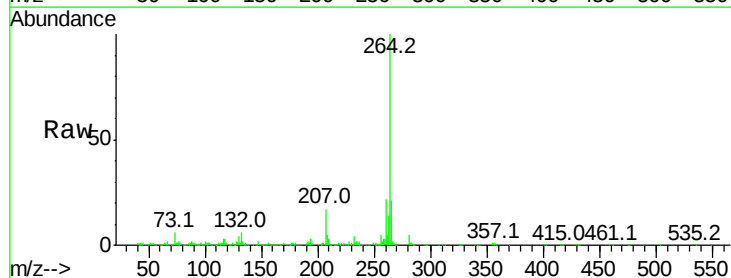
Tgt Ion:264 Resp: 916144

Ion Ratio Lower Upper

264 100

260 21.9 18.6 27.8

265 20.7 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

