

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011048.D
 Acq On : 28 Jul 2017 18:55
 Operator : SJ/JU
 Sample : I4432-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Quant Time: Jul 29 00:23:17 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

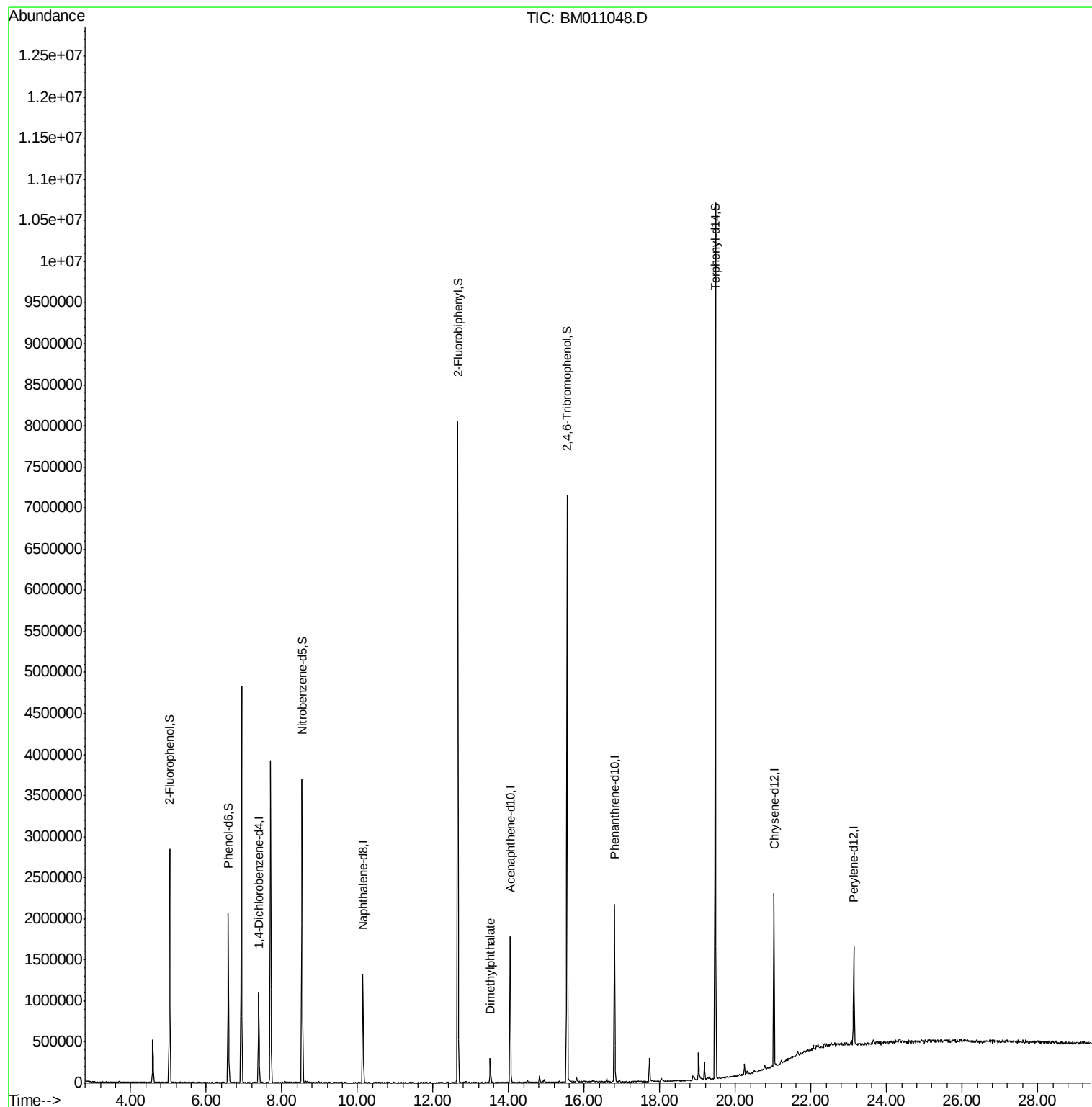
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	214305	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	800693	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	516985	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	1112217	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	974187	20.00	ng	0.00
86) Perylene-d12	23.13	264	820062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	809099	63.82	ng	0.00
7) Phenol-d6	6.58	99	852425	47.32	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1987967	93.18	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	950307	114.69	ng	-0.01
44) 2-Fluorobiphenyl	12.66	172	3560656	86.38	ng	0.00
78) Terphenyl-d14	19.47	244	4122414	83.82	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.52	163	152285	3.443	ng	99

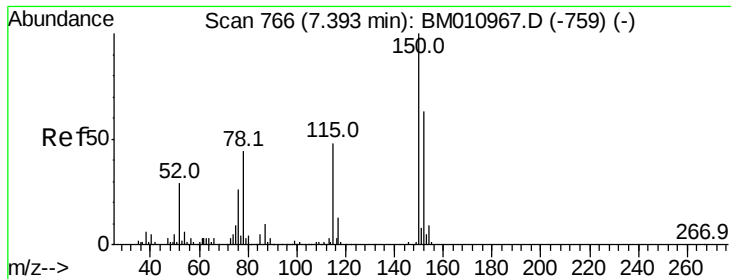
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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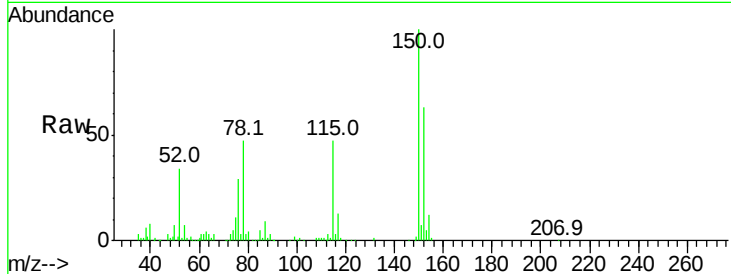


#1

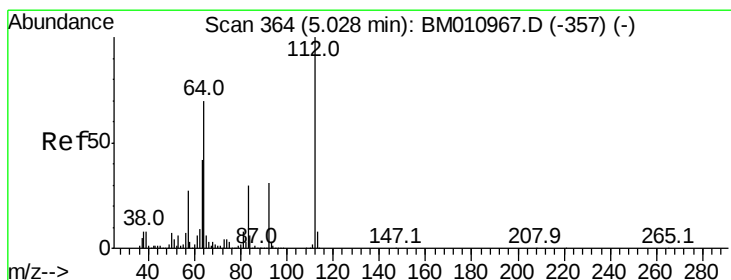
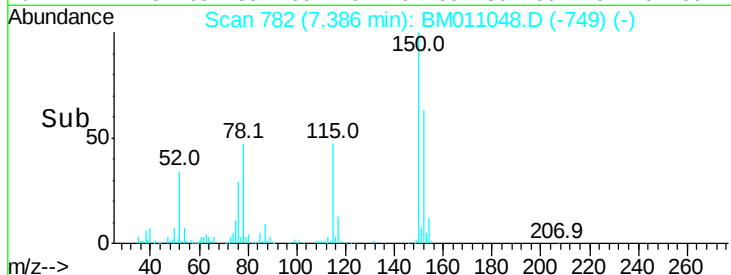
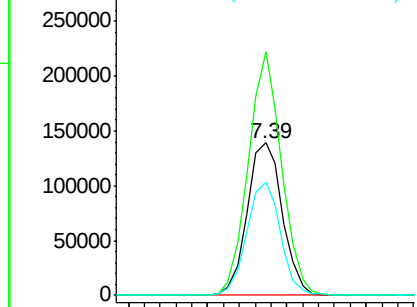
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011048.D
Acq: 28 Jul 2017 18:55

Instrument :
BNA_M
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	119.5	179.3
115	74.3	43.0	64.4#



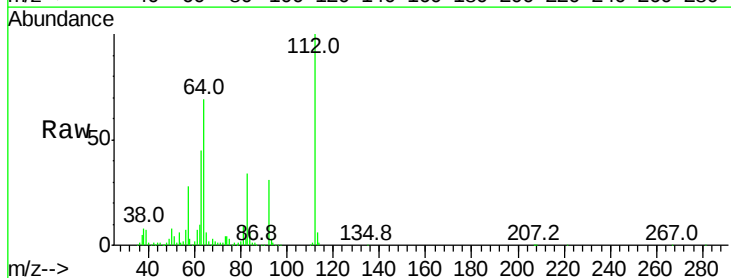
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



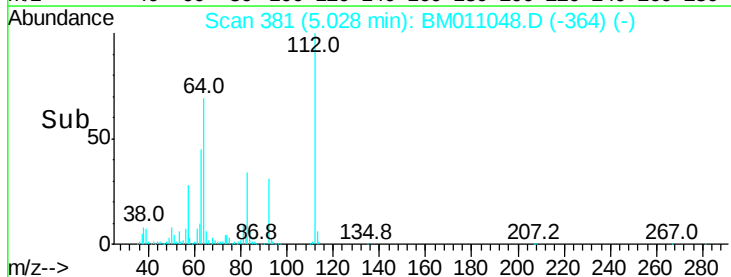
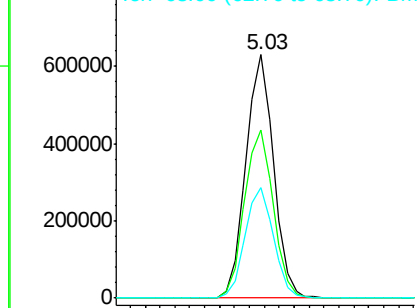
#5

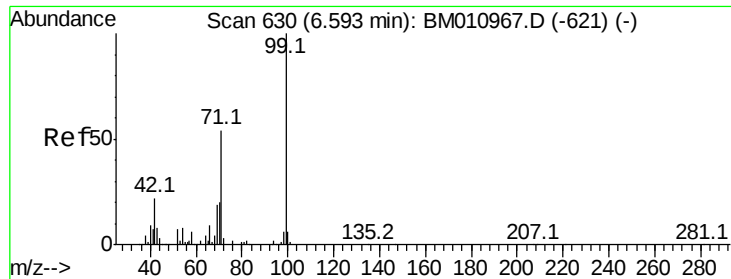
2-Fluorophenol
Concen: 63.822 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011048.D
Acq: 28 Jul 2017 18:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	38.6	57.8#
63	45.5	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: 47.324 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011048.D

Acq: 28 Jul 2017 18:55

Instrument :

BNA_M

ClientSampleId :

MW-1

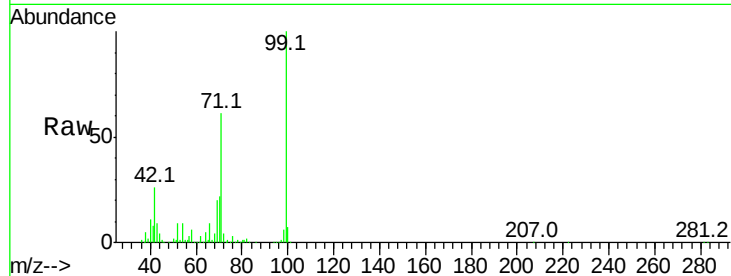
Tot Ion: 99 Resp: 852425

Ion Ratio Lower Upper

99 100

42 25.7 11.0 16.4#

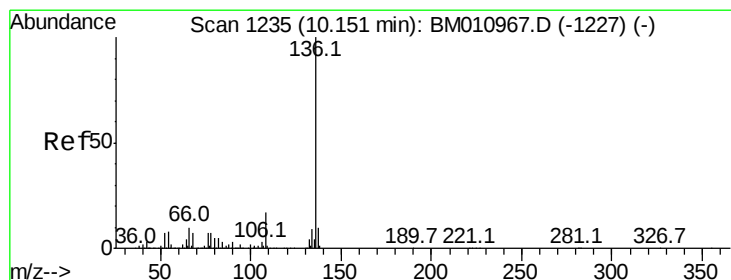
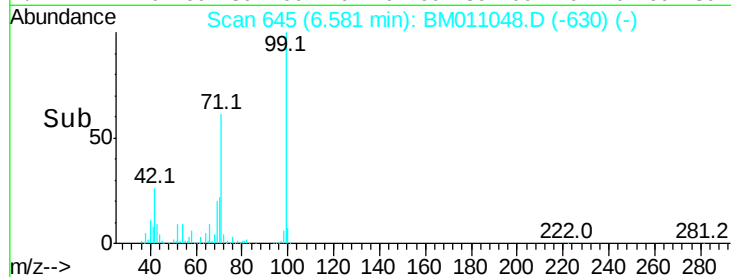
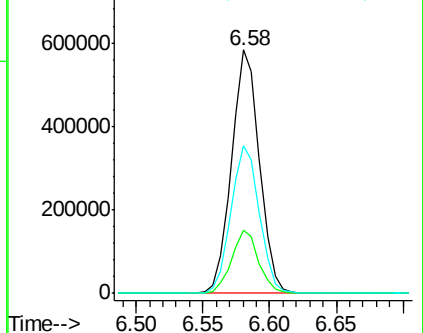
71 60.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011048.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011048.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011048.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011048.D

Acq: 28 Jul 2017 18:55

Tgt Ion: 136 Resp: 800693

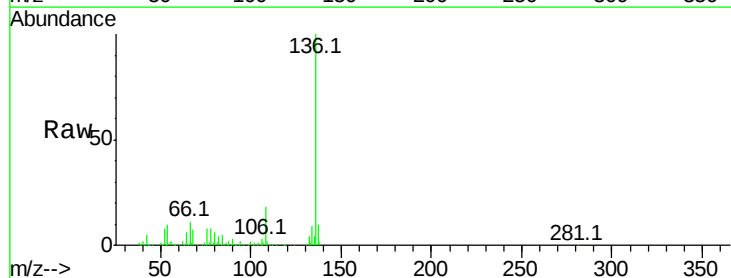
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 9.8 4.6 6.8#

68 7.0 3.7 5.5#

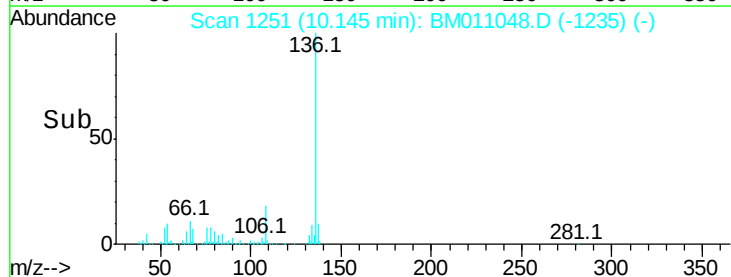
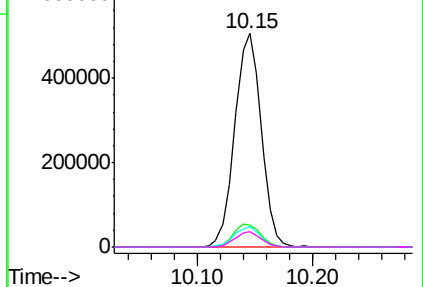


Abundance Ion 136.00 (135.70 to 136.70): BM011048.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011048.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011048.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011048.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 93.184 ng

RT: 8.53 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM011048.D

Acq: 28 Jul 2017 18:55

Instrument :

BNA_M

ClientSampleId :

MW-1

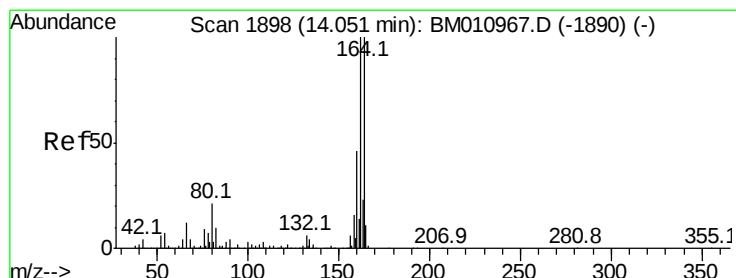
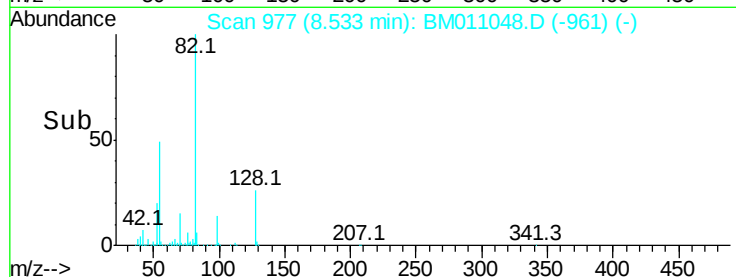
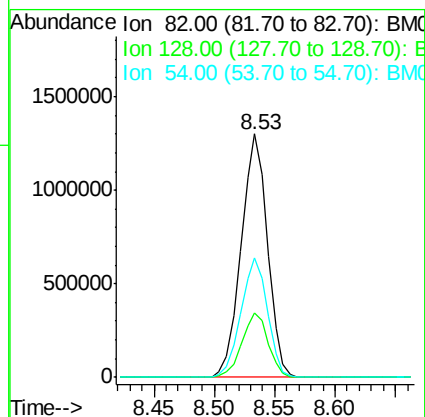
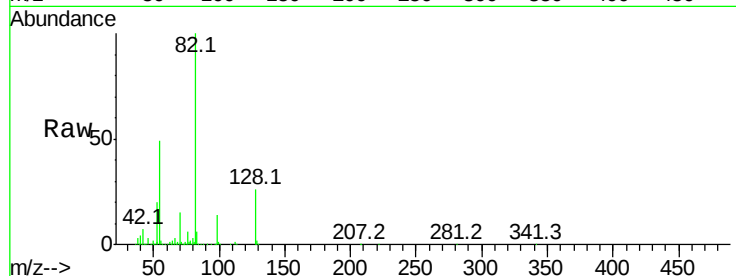
Tot Ion: 82 Resp: 1987967

Ion Ratio Lower Upper

82 100

128 26.3 32.8 49.2#

54 49.0 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM011048.D

Acq: 28 Jul 2017 18:55

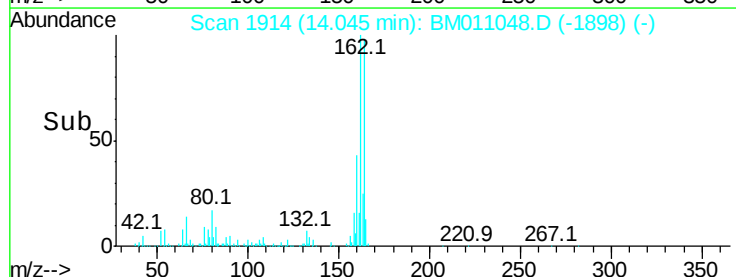
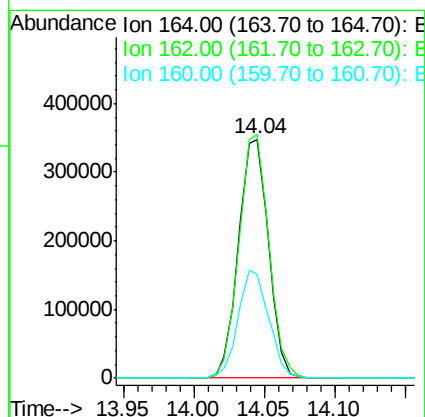
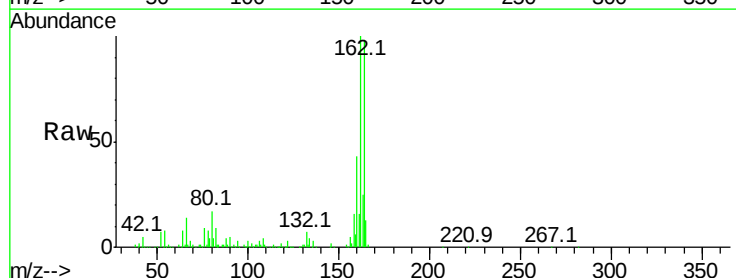
Tgt Ion:164 Resp: 516985

Ion Ratio Lower Upper

164 100

162 101.9 82.4 123.6

160 43.7 35.8 53.6

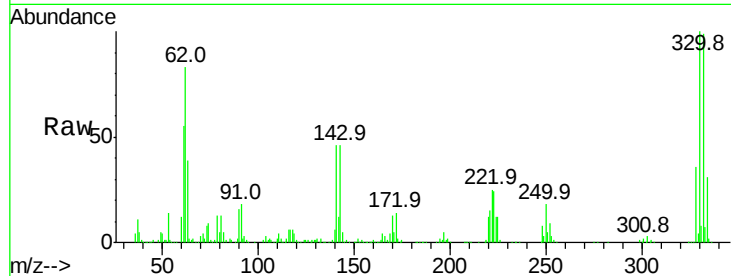




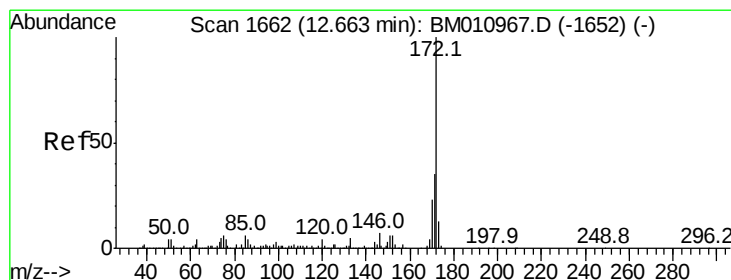
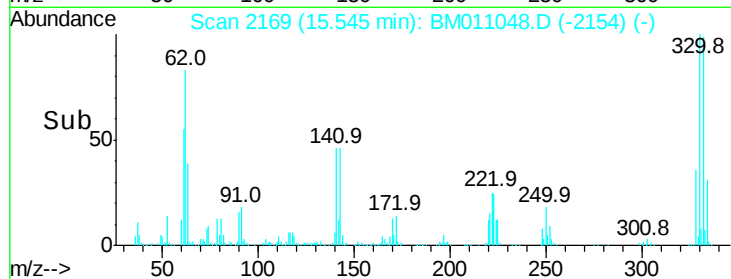
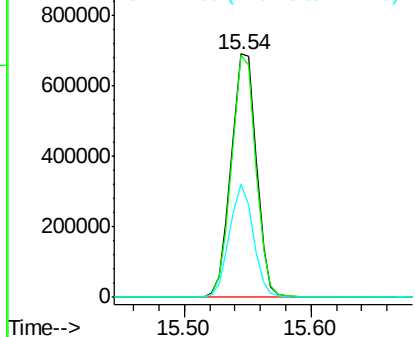
#41
 2,4,6-Tribromophenol
 Concen: 114.686 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011048.D
 Acq: 28 Jul 2017 18:55

Instrument :
 BNA_M
 ClientSampled :
 MW-1

Tot Ion:330 Resp: 950307
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 44.0 0.0 0.0#

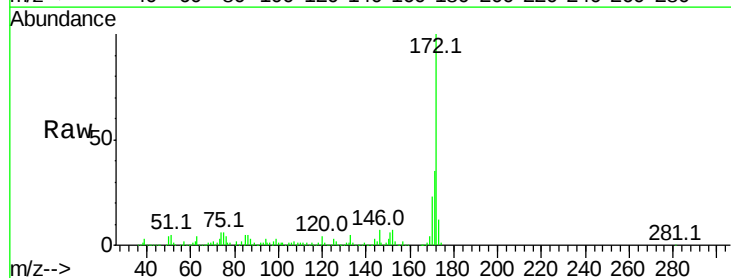


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

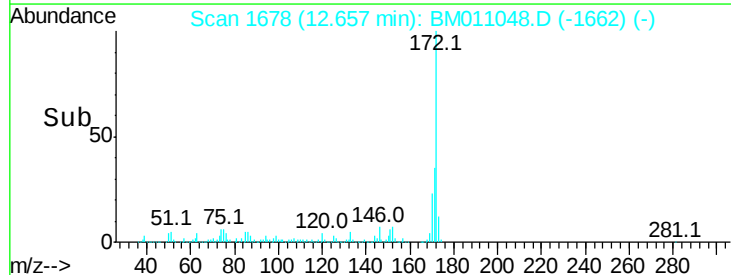
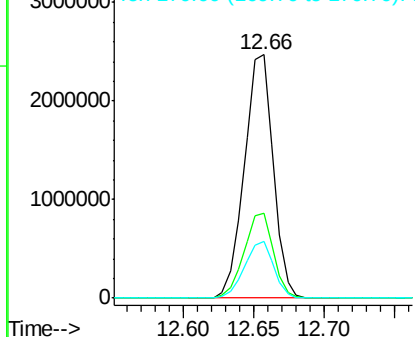


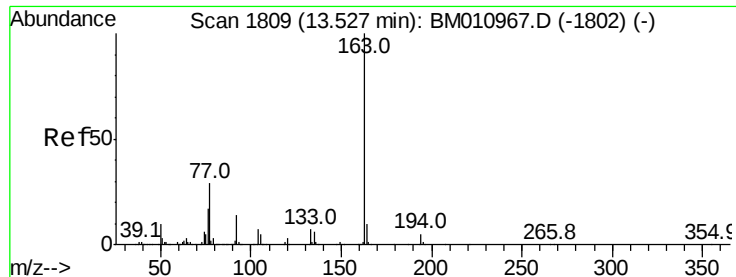
#44
 2-Fluorobiphenyl
 Concen: 86.377 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011048.D
 Acq: 28 Jul 2017 18:55

Tgt Ion:172 Resp: 3560656
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.1 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

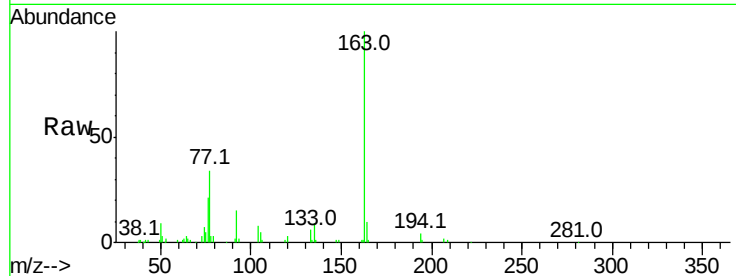




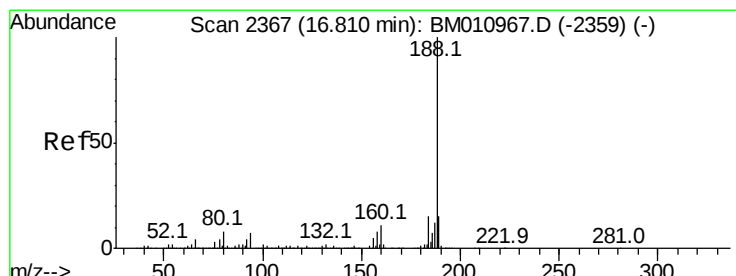
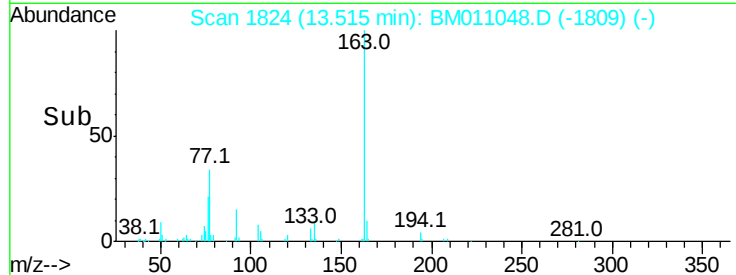
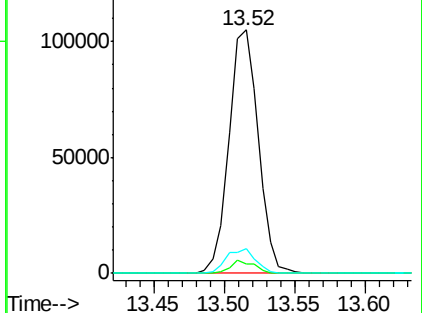
#49
Dimethylphthalate
Concen: 3.443 ng
RT: 13.52 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM011048.D
Acq: 28 Jul 2017 18:55

Instrument :
BNA_M
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.3	8.2	12.2

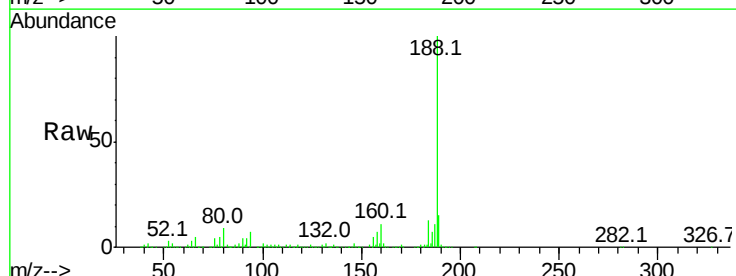


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

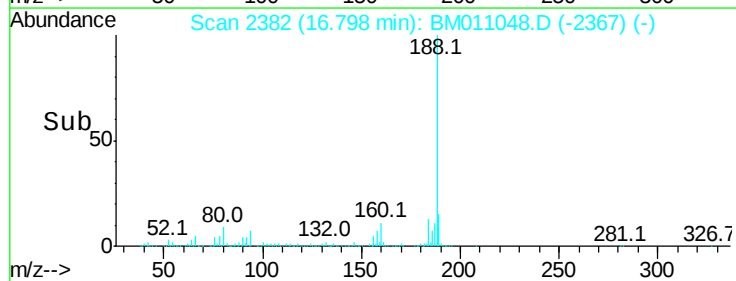
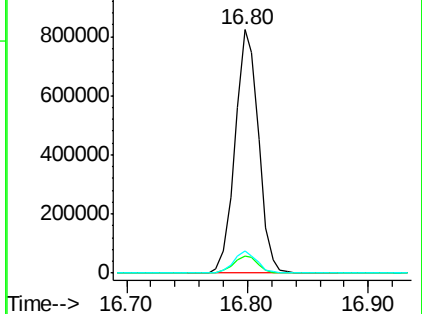


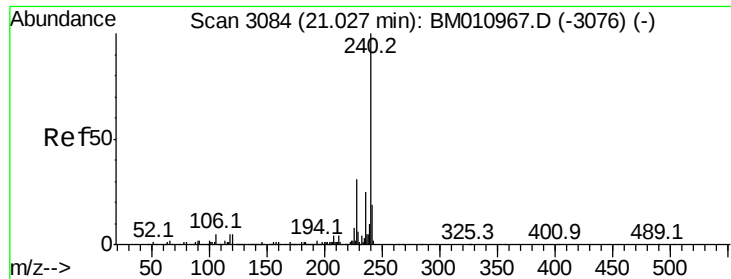
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011048.D
Acq: 28 Jul 2017 18:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.7	13.1#
80	9.0	9.3	13.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM011048.D

Acq: 28 Jul 2017 18:55

Instrument :

BNA_M

ClientSampleId :

MW-1

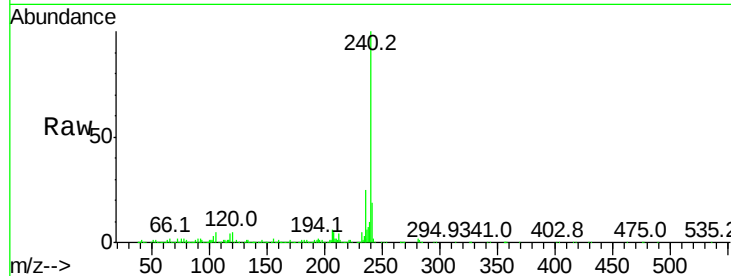
Tot Ion:240 Resp: 974187

Ion Ratio Lower Upper

240 100

120 4.6 8.2 12.2#

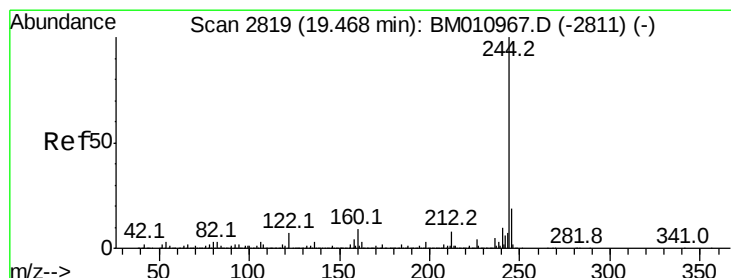
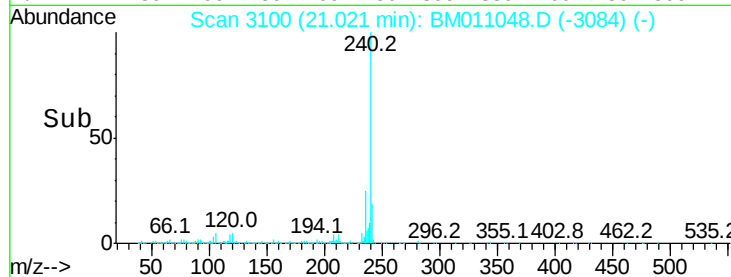
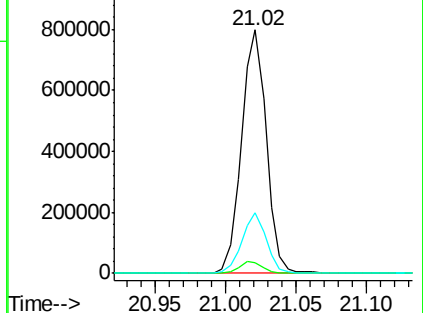
236 24.7 20.0 30.0



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: 83.823 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011048.D

Acq: 28 Jul 2017 18:55

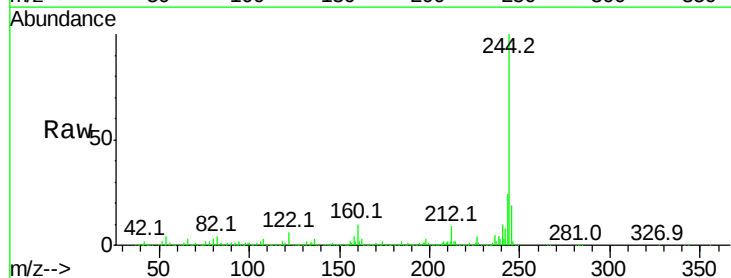
Tgt Ion:244 Resp: 4122414

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

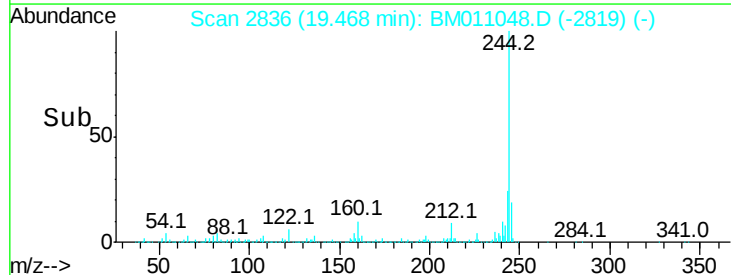
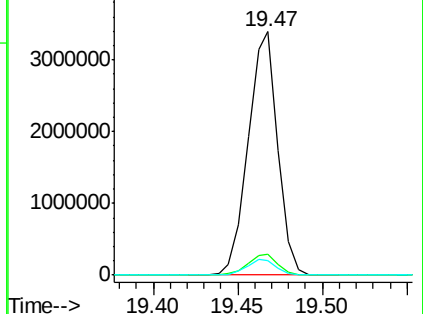
122 6.1 6.2 9.4#

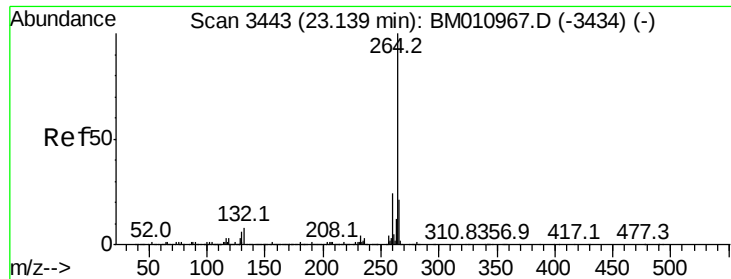


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

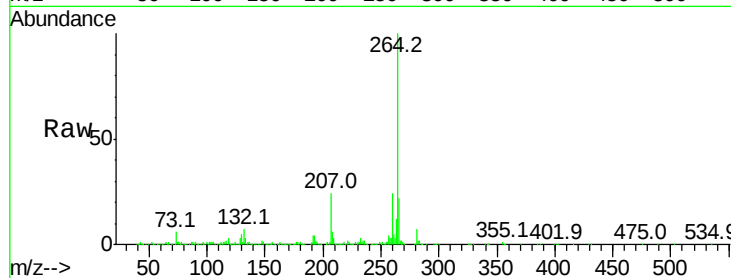




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.13 min Scan# 3459
 Delta R.T. -0.01 min
 Lab File: BM011048.D
 Acq: 28 Jul 2017 18:55

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Tot Ion:264 Resp: 820062
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 22.1 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

