

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011278.D
 Acq On : 17 Aug 2017 22:07
 Operator : SJ/JU
 Sample : I4825-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-A-B-COMP

Quant Time: Aug 18 05:26:00 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	90915	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	302183	20.00	ng	-0.02
38) Acenaphthene-d10	13.95	164	181213	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	488251	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	673275	20.00	ng	-0.02
86) Perylene-d12	23.00	264	268568	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	662813	123.24	ng	-0.01
7) Phenol-d6	6.48	99	824980	107.96	ng	-0.01
23) Nitrobenzene-d5	8.42	82	895087	111.17	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	361828	124.58	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1345219	93.10	ng	-0.02
78) Terphenyl-d14	19.37	244	2525333	74.30	ng	-0.01

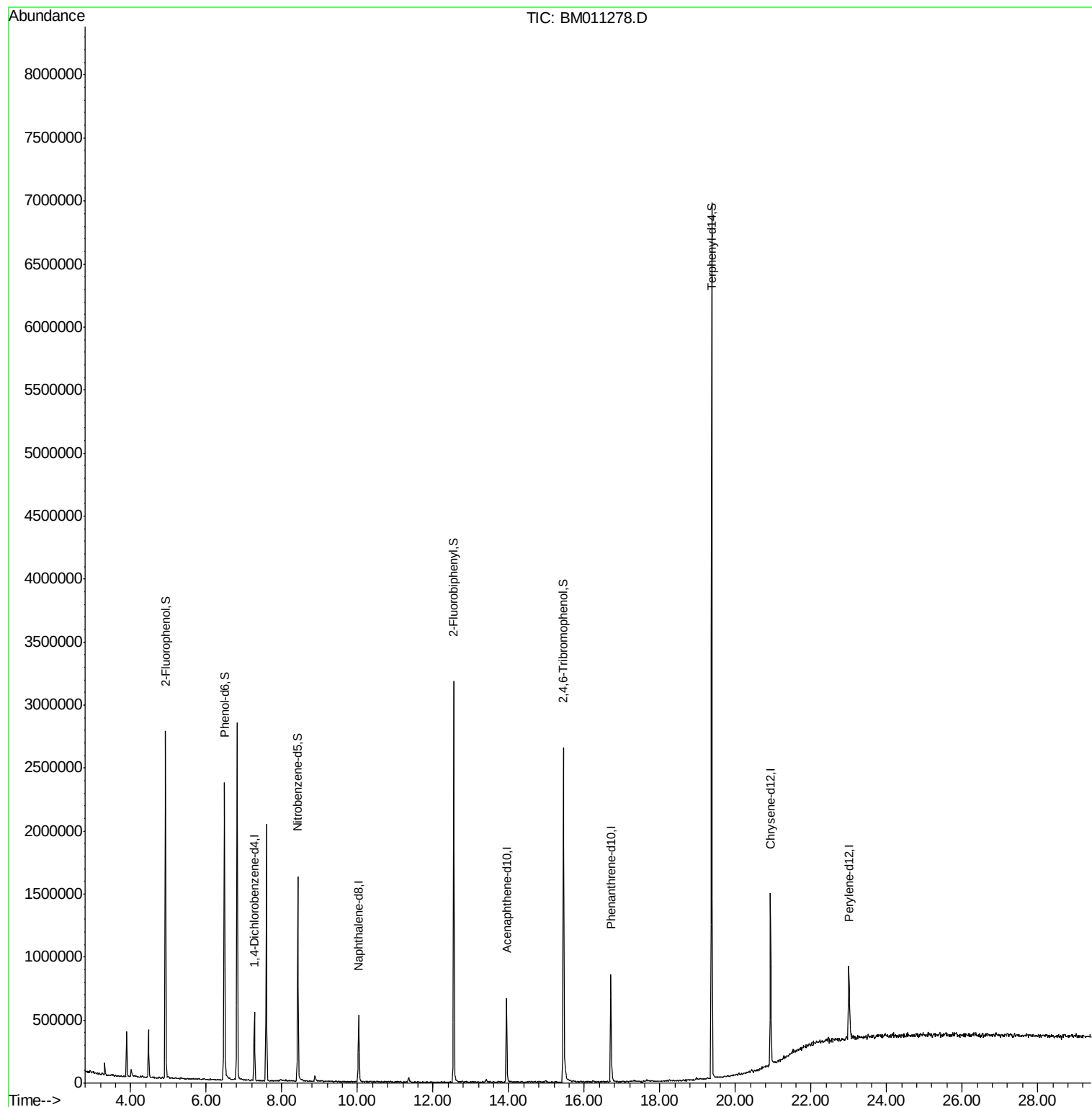
Target Compounds Qvalue

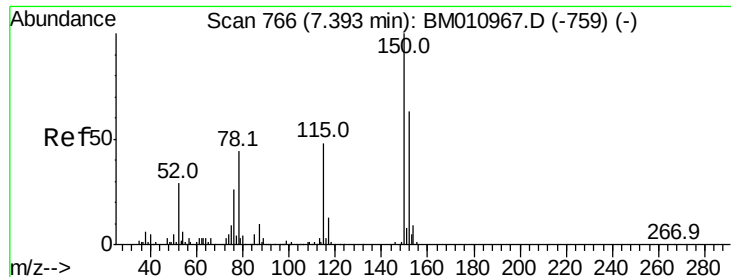
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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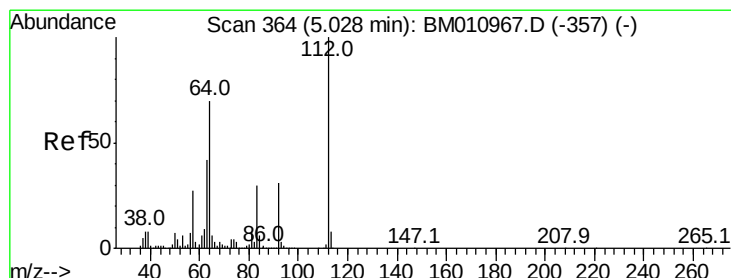
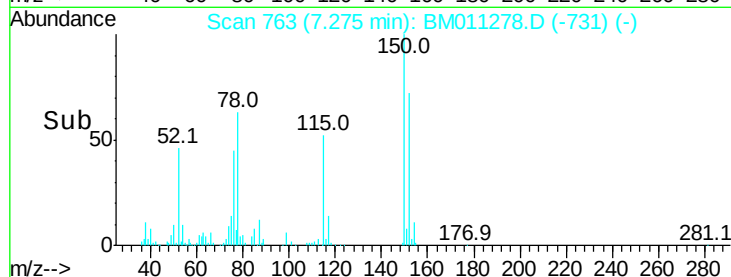
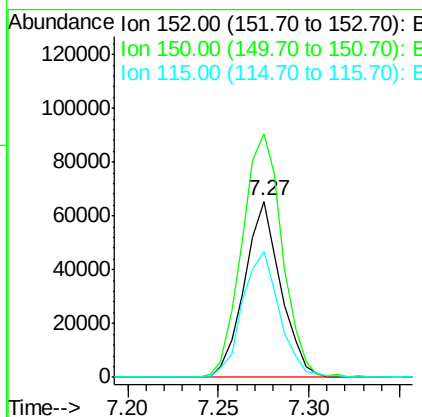
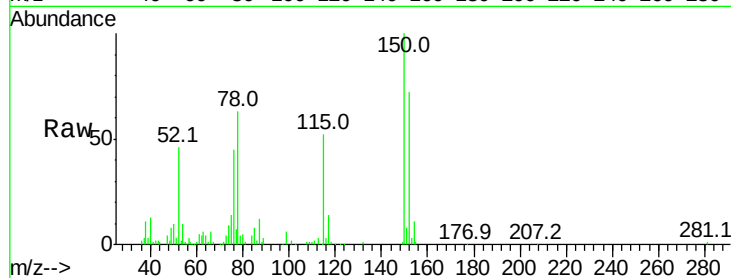


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011278.D
Acq: 17 Aug 2017 22:07

Instrument :
BNA_M
ClientSampleId :
TP-A-B-COMP

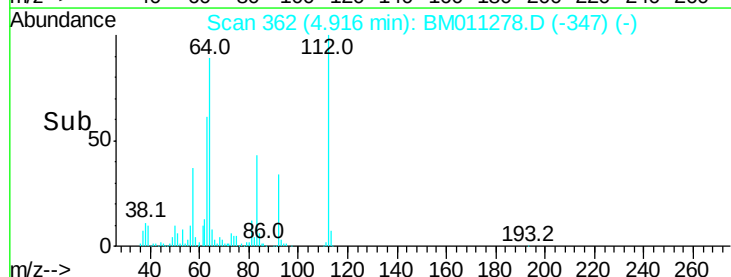
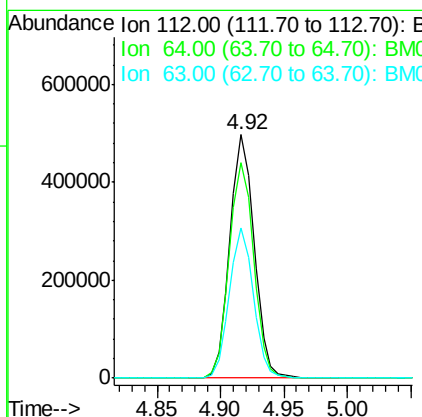
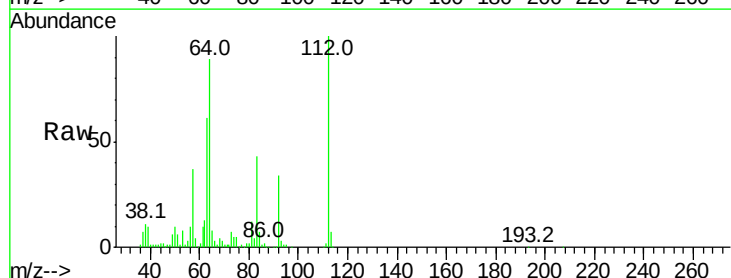
Tot Ion:152 Resp: 90915
Ion Ratio Lower Upper
152 100
150 138.4 119.5 179.3
115 71.5 43.0 64.4#

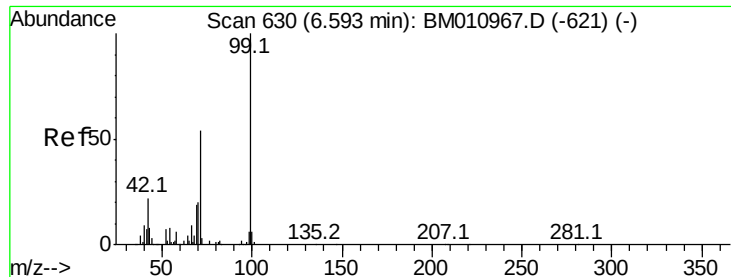


#5

2-Fluorophenol
Concen: 123.241 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011278.D
Acq: 17 Aug 2017 22:07

Tgt Ion:112 Resp: 662813
Ion Ratio Lower Upper
112 100
64 88.7 38.6 57.8#
63 61.4 19.3 28.9#





#7

Phenol-d6

Concen: 107.962 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011278.D

Acq: 17 Aug 2017 22:07

Instrument :

BNA_M

ClientSampleId :

TP-A-B-COMP

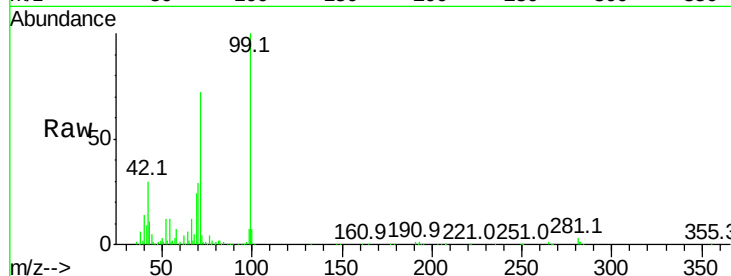
Tot Ion: 99 Resp: 824980

Ion Ratio Lower Upper

99 100

42 30.4 11.0 16.4#

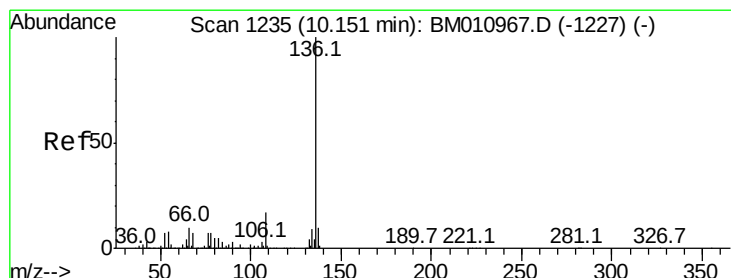
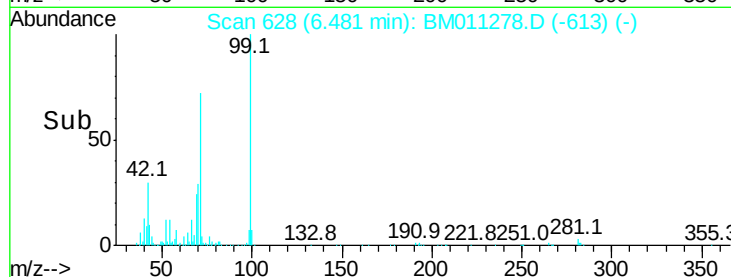
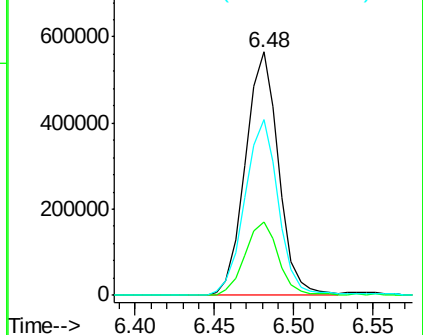
71 72.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011278.D

Acq: 17 Aug 2017 22:07

Tgt Ion: 136 Resp: 302183

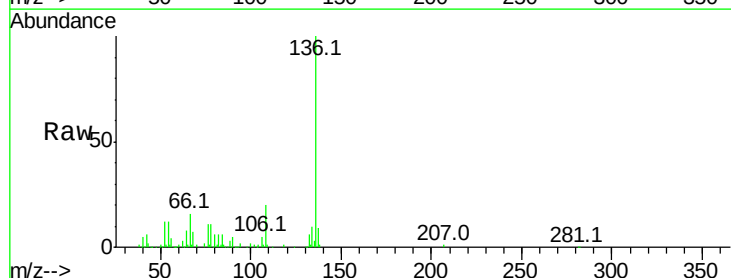
Ion Ratio Lower Upper

136 100

137 9.5 8.7 13.1

54 12.5 4.6 6.8#

68 6.8 3.7 5.5#

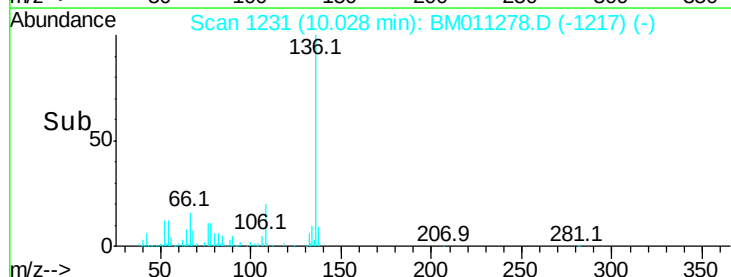
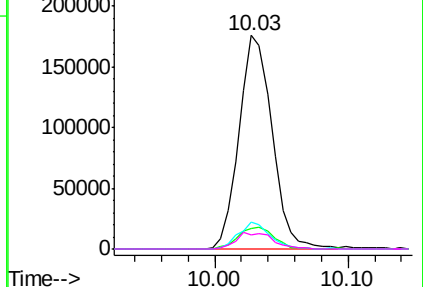


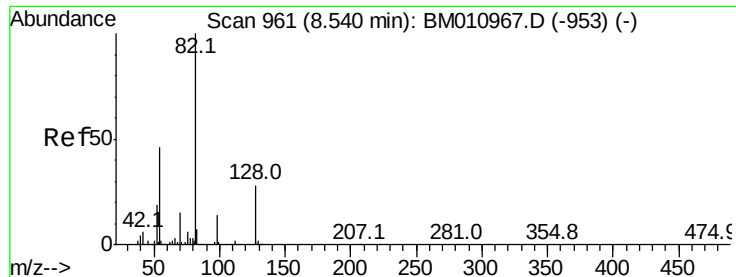
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)





#23

Nitrobenzene-d5

Concen: 111.171 ng

RT: 8.42 min Scan# 958

Delta R.T. -0.02 min

Lab File: BM011278.D

Acq: 17 Aug 2017 22:07

Instrument :

BNA_M

ClientSampleId :

TP-A-B-COMP

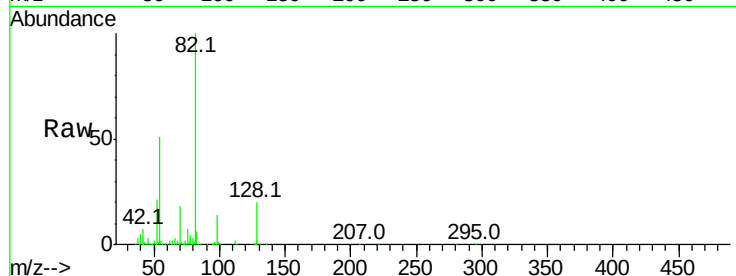
Tot Ion: 82 Resp: 895087

Ion Ratio Lower Upper

82 100

128 20.0 32.8 49.2#

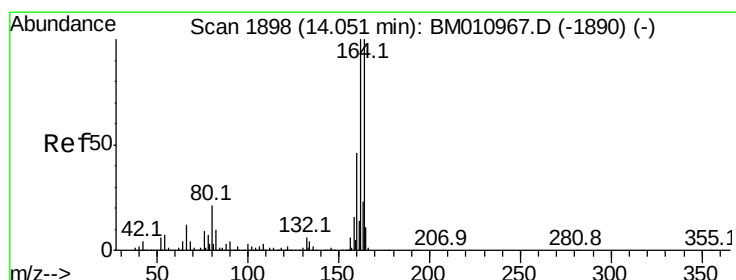
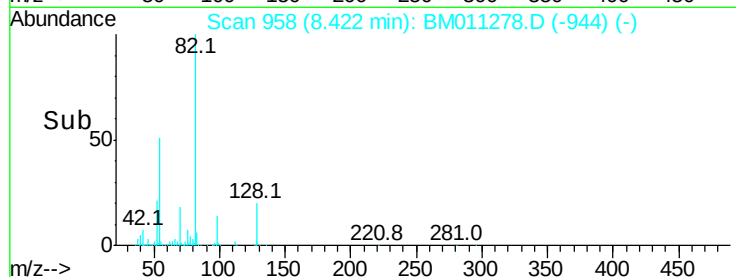
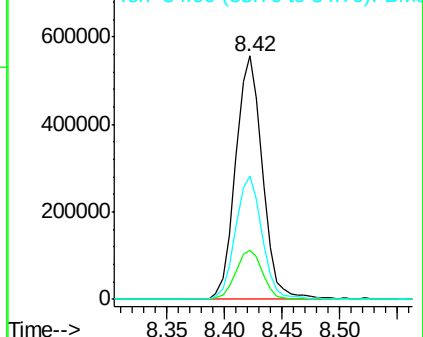
54 50.8 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011278.D (-944) (-)

Ion 128.00 (127.70 to 128.70): BM011278.D (-944) (-)

Ion 54.00 (53.70 to 54.70): BM011278.D (-944) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.95 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM011278.D

Acq: 17 Aug 2017 22:07

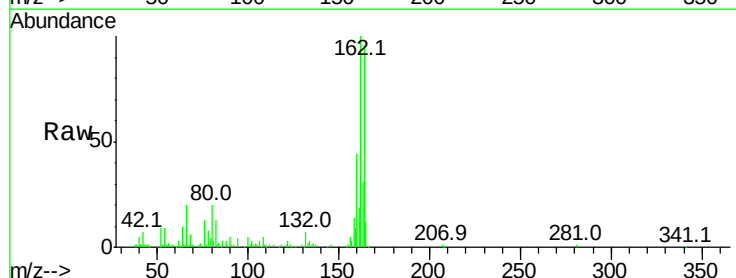
Tgt Ion:164 Resp: 181213

Ion Ratio Lower Upper

164 100

162 103.9 82.4 123.6

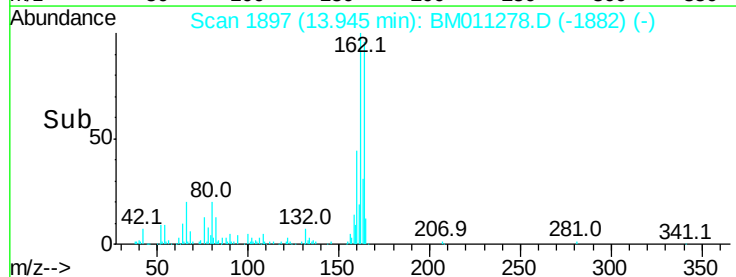
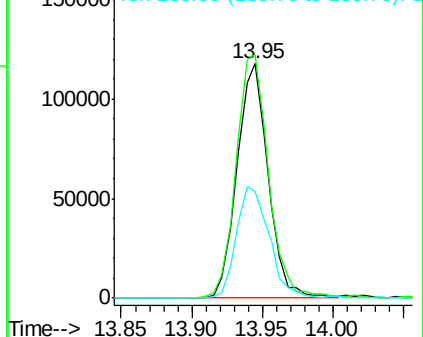
160 45.7 35.8 53.6

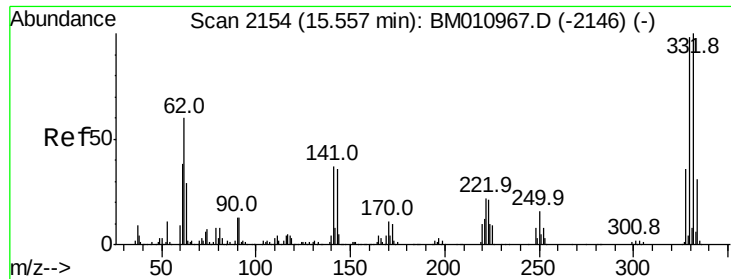


Abundance Ion 164.00 (163.70 to 164.70): BM011278.D (-1882) (-)

Ion 162.00 (161.70 to 162.70): BM011278.D (-1882) (-)

Ion 160.00 (159.70 to 160.70): BM011278.D (-1882) (-)

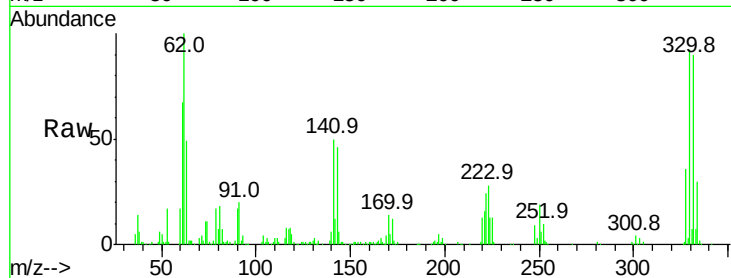




#41
 2,4,6-Tribromophenol
 Concen: 124.577 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011278.D
 Acq: 17 Aug 2017 22:07

Instrument :
 BNA_M
 ClientSampleId :
 TP-A-B-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	49.5	0.0	0.0#

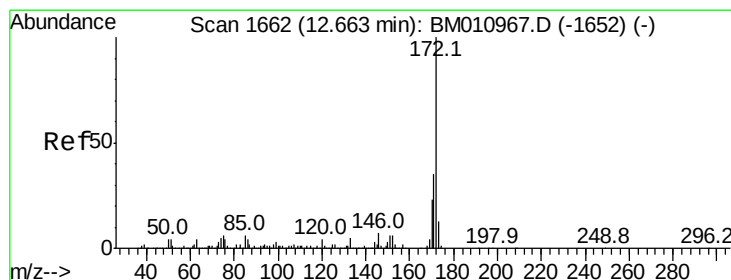
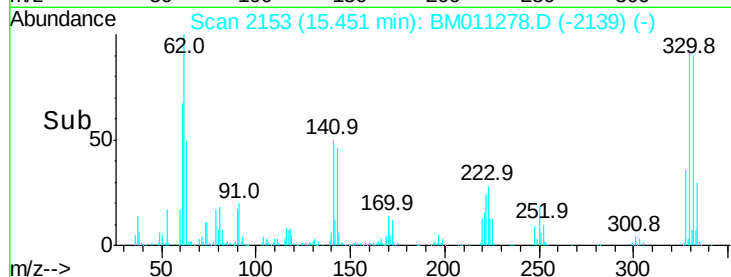
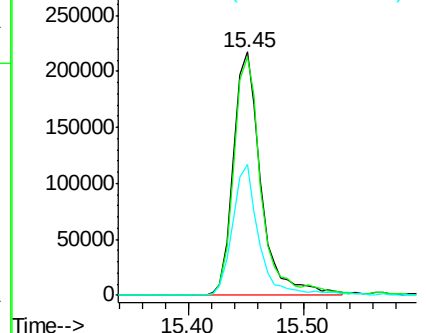


Abundance

Ion 329.80 (329.50 to 330.50): E

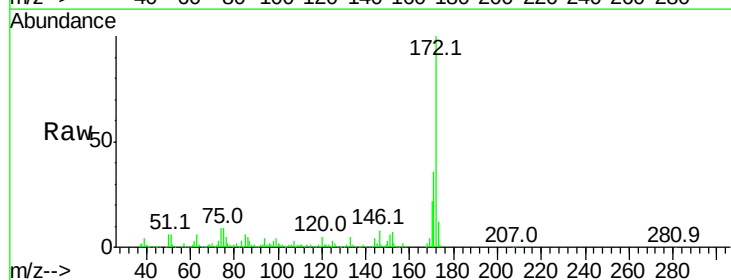
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.100 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011278.D
 Acq: 17 Aug 2017 22:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	22.1	18.8	28.2

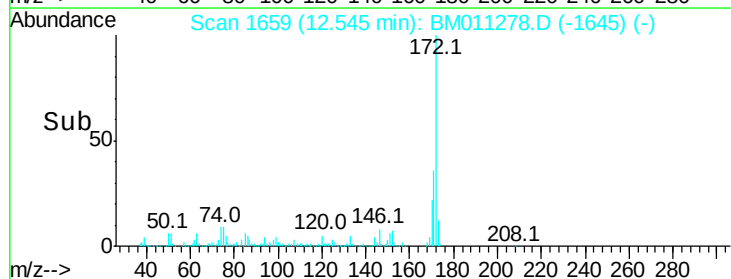
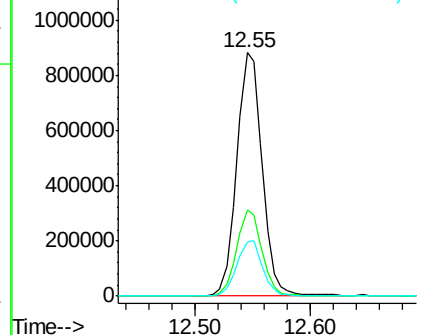


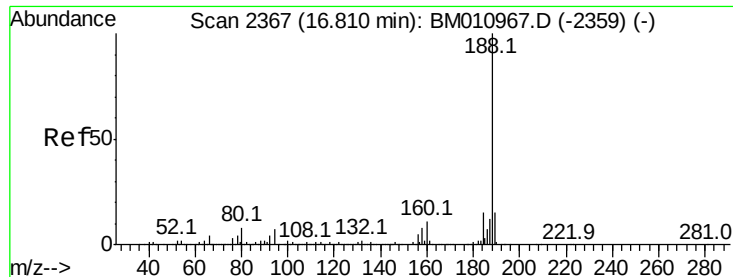
Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.70 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BM011278.D

Acq: 17 Aug 2017 22:07

Instrument :

BNA_M

ClientSampleId :

TP-A-B-COMP

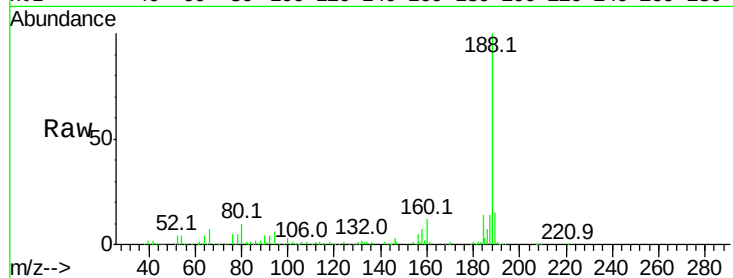
Tot Ion:188 Resp: 488251

Ion Ratio Lower Upper

188 100

94 5.8 8.7 13.1#

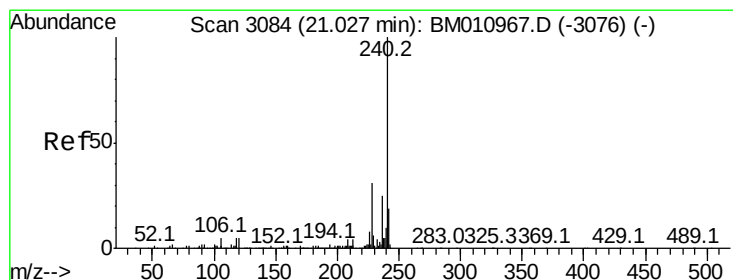
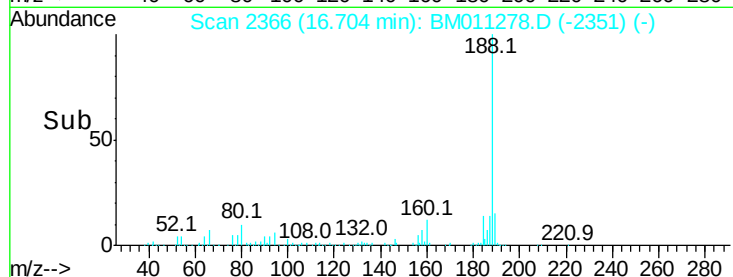
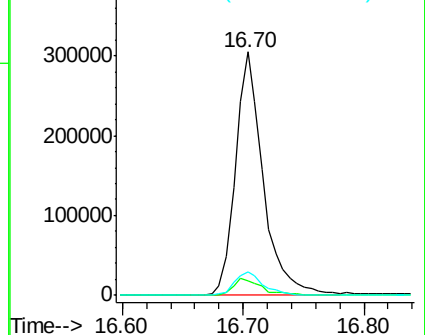
80 9.6 9.3 13.9



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: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011278.D

Acq: 17 Aug 2017 22:07

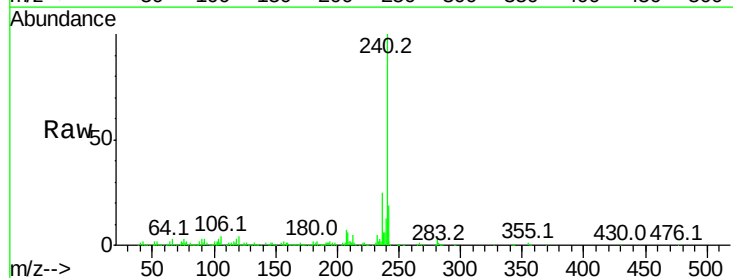
Tgt Ion:240 Resp: 673275

Ion Ratio Lower Upper

240 100

120 4.0 8.2 12.2#

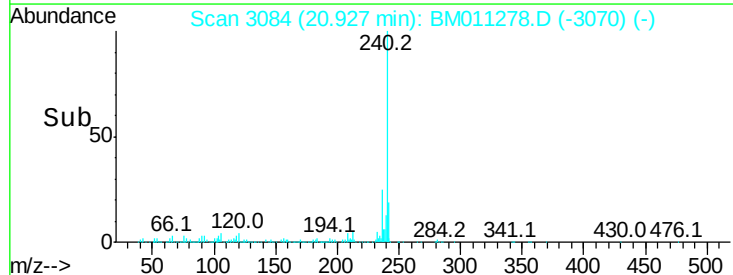
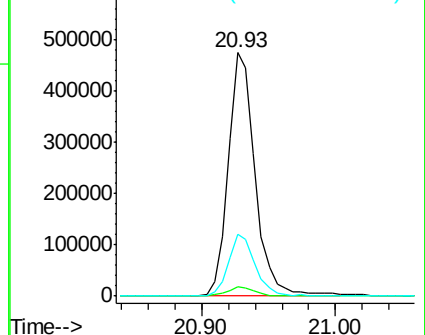
236 25.2 20.0 30.0

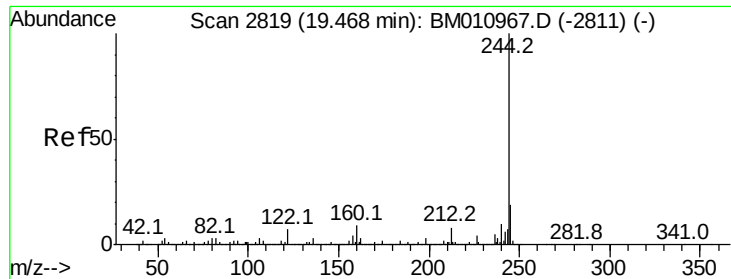


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

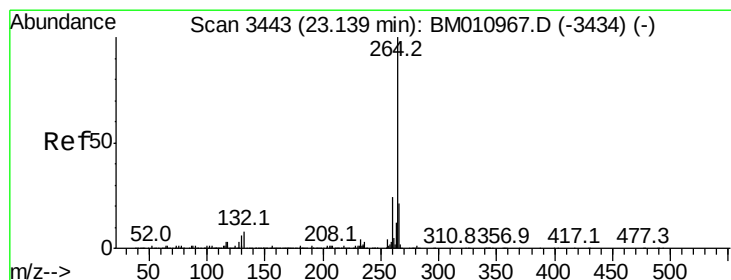
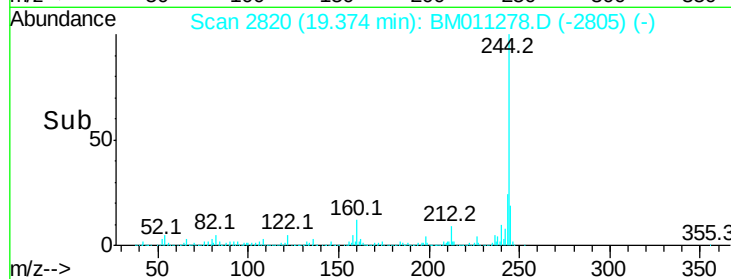
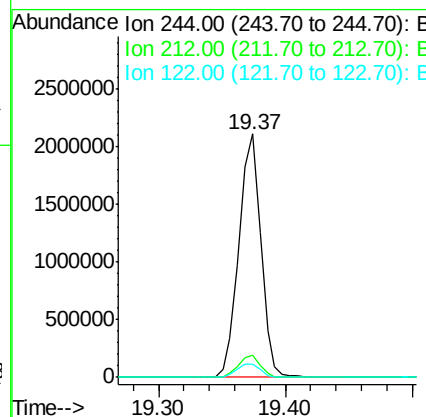
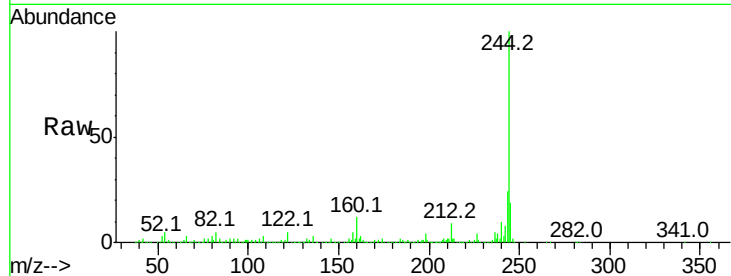




#78
 Terphenyl-d14
 Concen: 74.299 ng
 RT: 19.37 min Scan# 2820
 Delta R.T. -0.01 min
 Lab File: BM011278.D
 Acq: 17 Aug 2017 22:07

Instrument :
 BNA_M
 ClientSampled :
 TP-A-B-COMP

Tot Ion:244 Resp: 2525333
 Ion Ratio Lower Upper
 244 100
 212 9.0 4.9 7.3#
 122 5.4 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: BM011278.D
 Acq: 17 Aug 2017 22:07

Tgt Ion:264 Resp: 268568
 Ion Ratio Lower Upper
 264 100
 260 26.1 18.6 27.8
 265 23.5 17.3 25.9

