

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
 Data File : BM011083.D
 Acq On : 01 Aug 2017 15:37
 Operator : SJ/JU
 Sample : I4488-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-072717-E

Quant Time: Aug 01 16:32:48 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	203427	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	760035	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	471839	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1122188	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	982217	20.00	ng	-0.01
86) Perylene-d12	23.13	264	565973	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1539811	127.96	ng	0.00
7) Phenol-d6	6.58	99	2016609	117.94	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1938099	95.71	ng	-0.01
41) 2,4,6-Tribromophenol	15.55	330	1028071	135.94	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3585738	95.31	ng	-0.01
78) Terphenyl-d14	19.46	244	4671164	94.20	ng	0.00

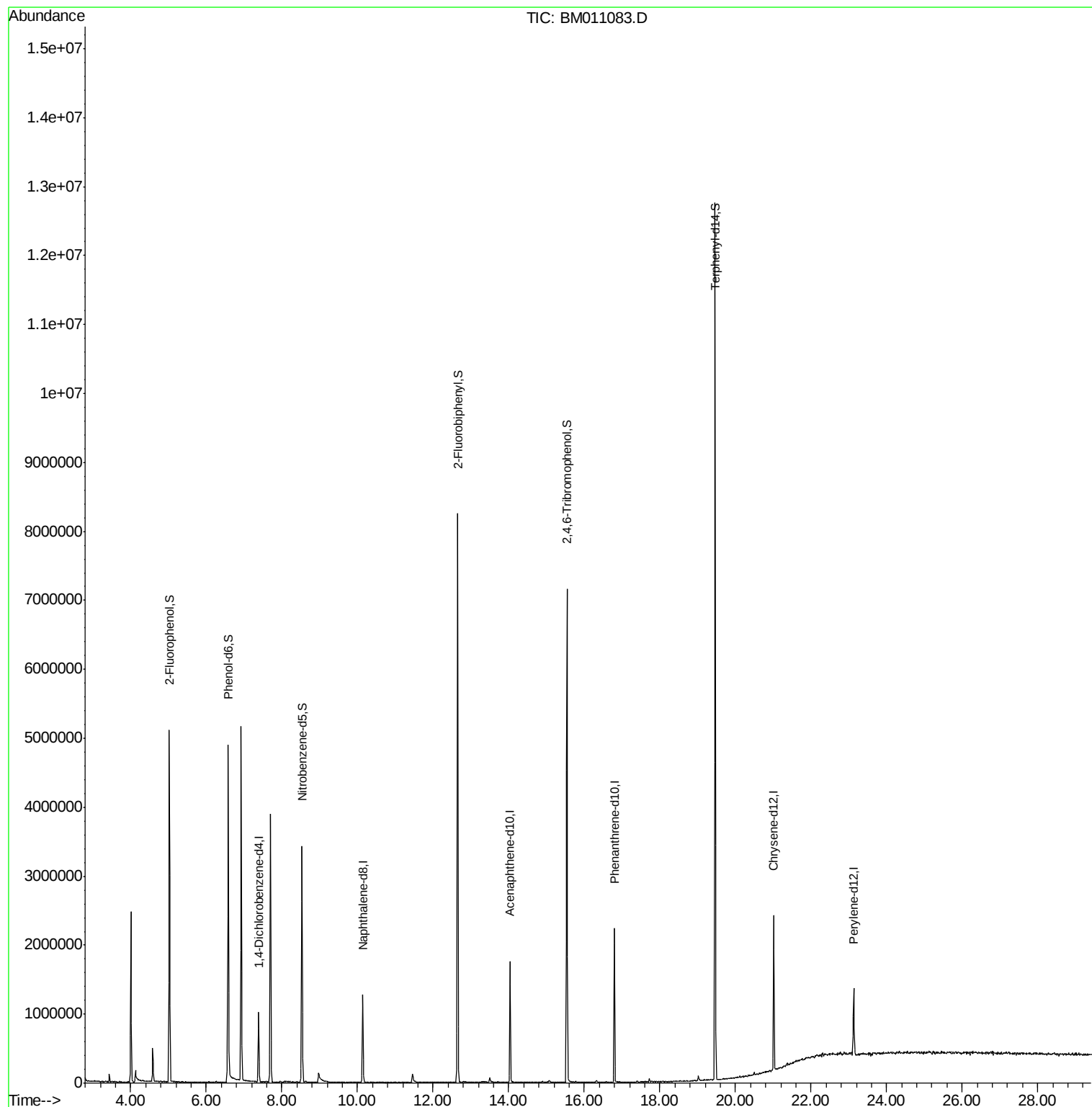
Target Compounds Qvalue

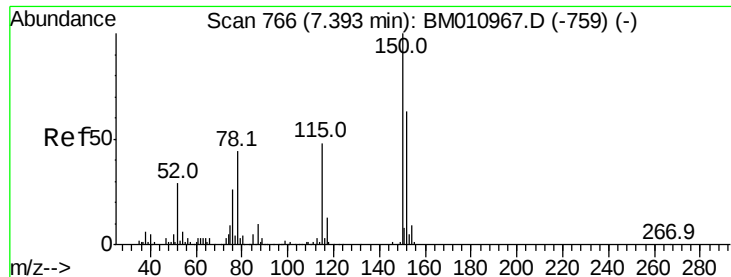
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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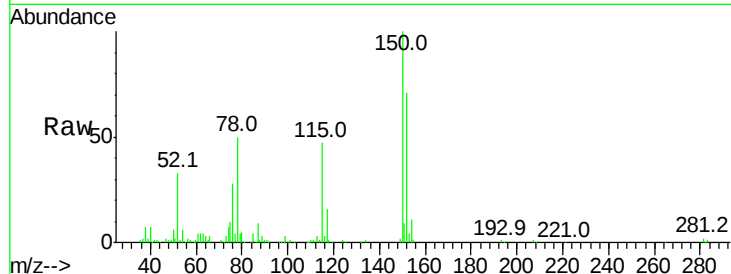


#1

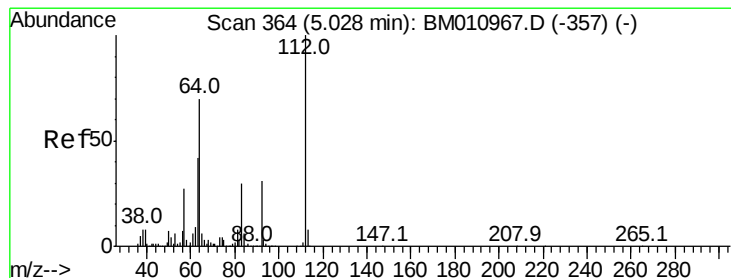
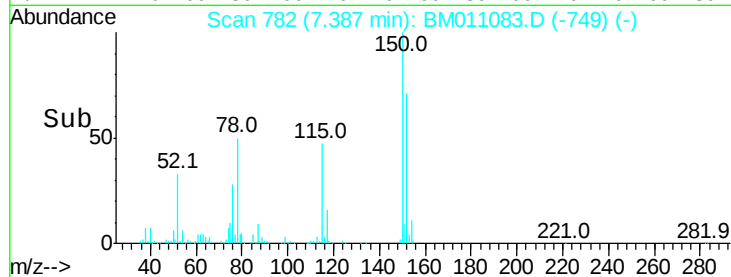
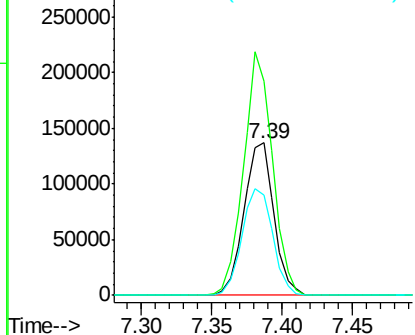
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Instrument :
BNA_M
ClientSampleId :
CL-02-072717-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.1	119.5	179.3
115	66.1	43.0	64.4



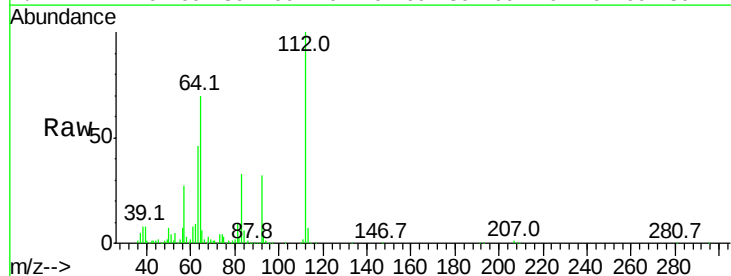
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



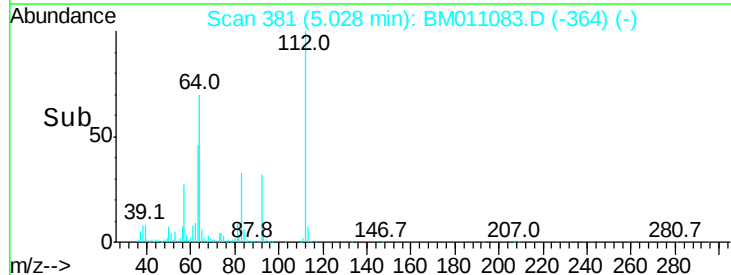
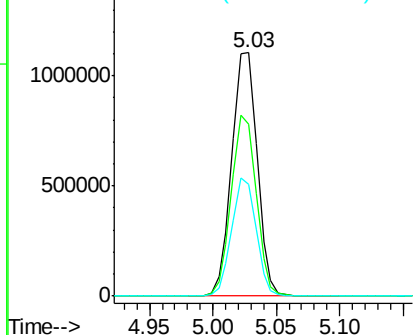
#5

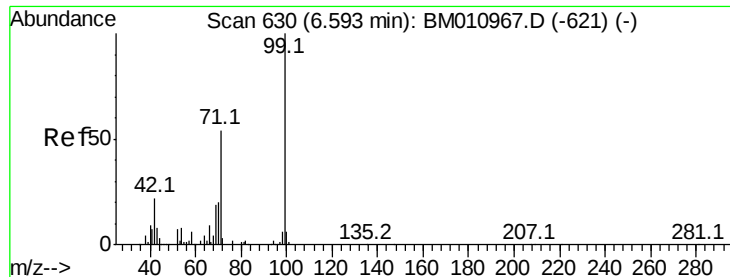
2-Fluorophenol
Concen: 127.955 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011083.D
Acq: 01 Aug 2017 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	38.6	57.8
63	46.0	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: 117.944 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011083.D

Acq: 01 Aug 2017 15:37

Instrument :

BNA_M

ClientSampleId :

CL-02-072717-E

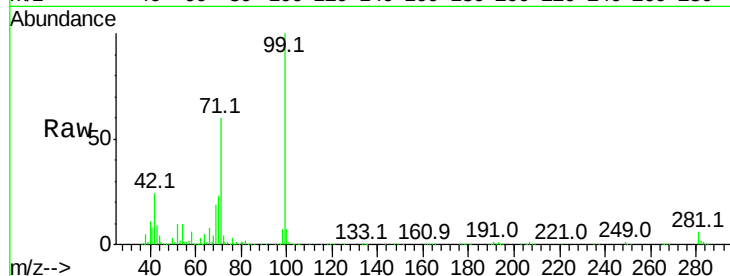
Tot Ion: 99 Resp: 201609

Ion Ratio Lower Upper

99 100

42 23.9 11.0 16.4#

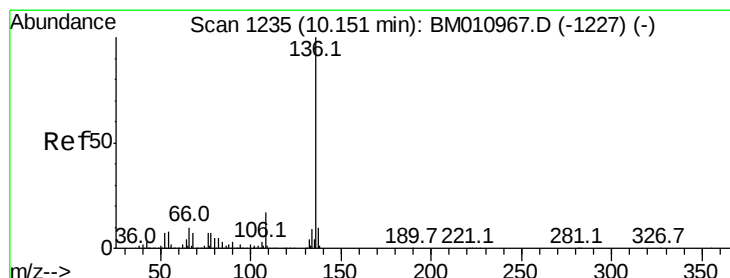
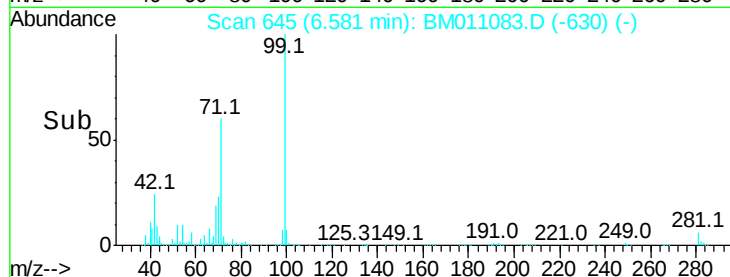
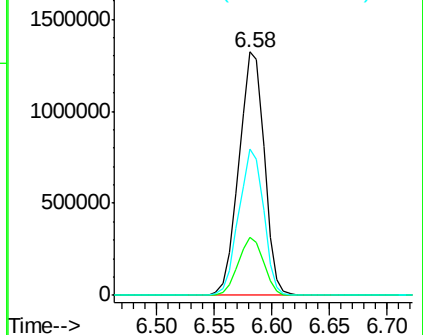
71 60.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011083.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011083.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011083.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.14 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BM011083.D

Acq: 01 Aug 2017 15:37

Tgt Ion: 136 Resp: 760035

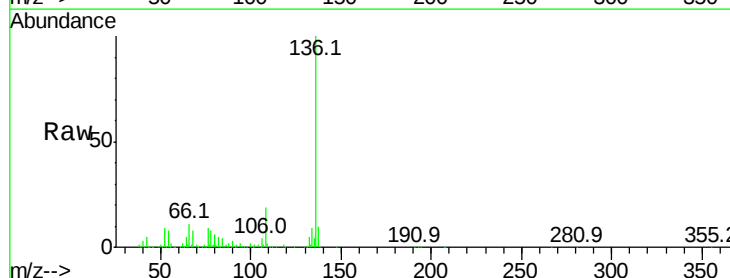
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 8.3 4.6 6.8#

68 8.5 3.7 5.5#

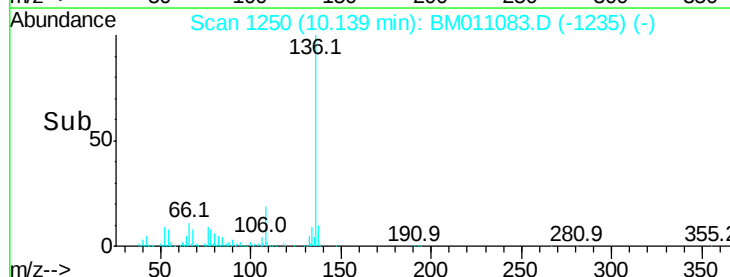
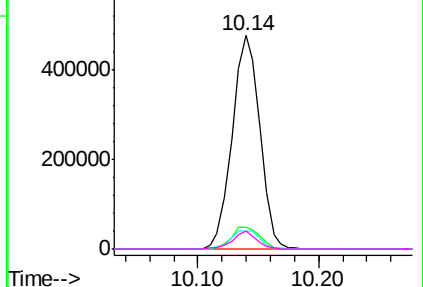


Abundance Ion 136.00 (135.70 to 136.70): BM011083.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011083.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011083.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011083.D (-1235) (-)





#23

Nitrobenzene-d5

Concen: 95.706 ng

RT: 8.53 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM011083.D

Acq: 01 Aug 2017 15:37

Instrument :

BNA_M

ClientSampleId :

CL-02-072717-E

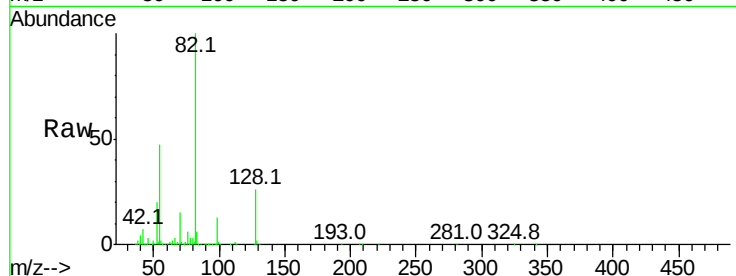
Tot Ion: 82 Resp: 1938099

Ion Ratio Lower Upper

82 100

128 26.0 32.8 49.2#

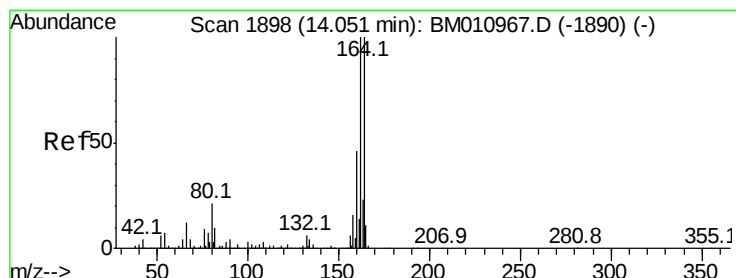
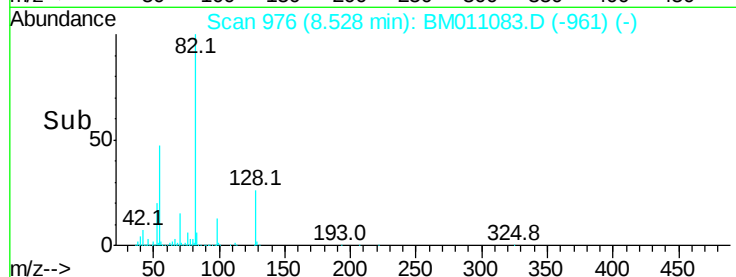
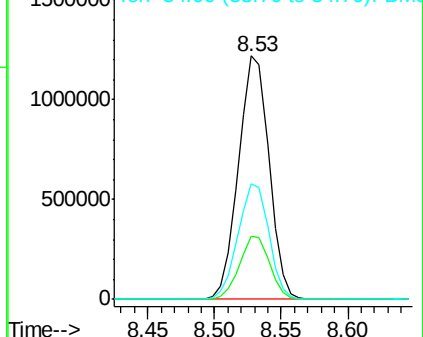
54 47.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011083.D (-961) (-)

Ion 128.00 (127.70 to 128.70): BM011083.D (-961) (-)

Ion 54.00 (53.70 to 54.70): BM011083.D (-961) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011083.D

Acq: 01 Aug 2017 15:37

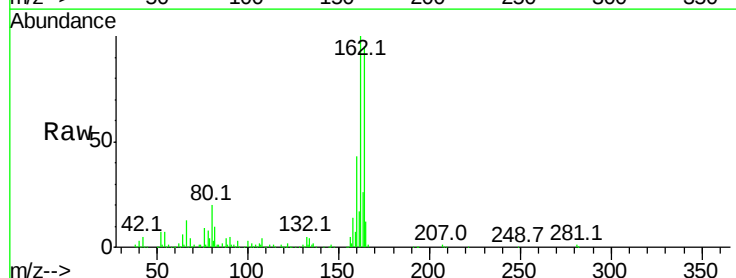
Tgt Ion: 164 Resp: 471839

Ion Ratio Lower Upper

164 100

162 105.2 82.4 123.6

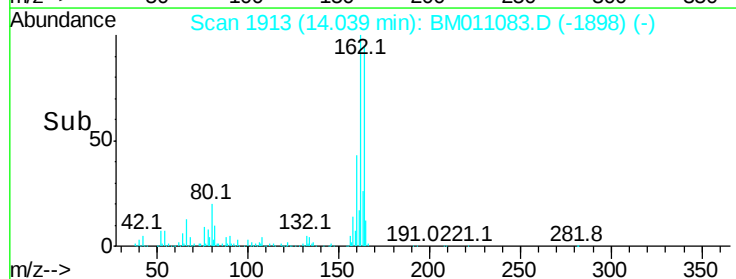
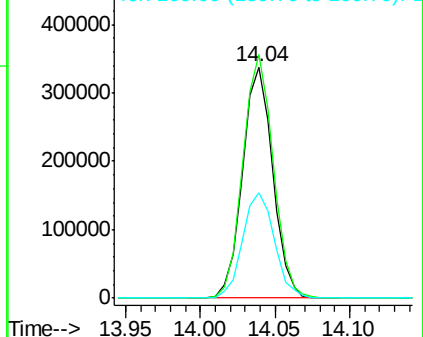
160 45.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BM011083.D (-1898) (-)

Ion 162.00 (161.70 to 162.70): BM011083.D (-1898) (-)

Ion 160.00 (159.70 to 160.70): BM011083.D (-1898) (-)

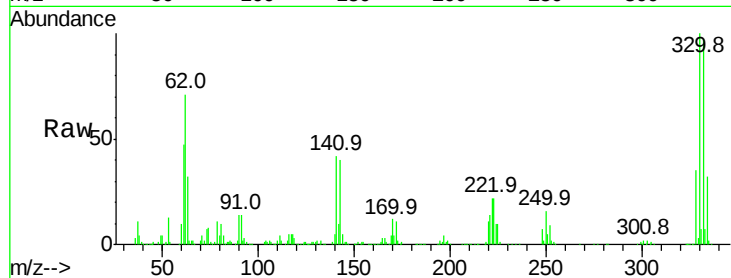




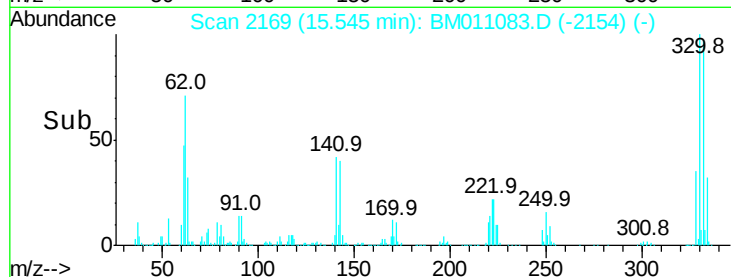
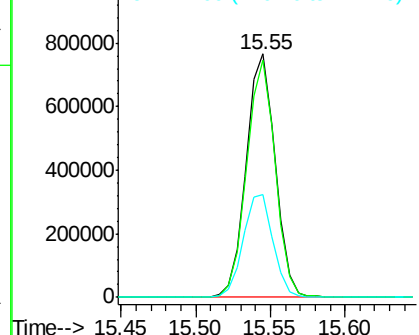
#41
 2,4,6-Tribromophenol
 Concen: 135.942 ng
 RT: 15.55 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011083.D
 Acq: 01 Aug 2017 15:37

Instrument :
 BNA_M
 ClientSampleId :
 CL-02-072717-E

Tot Ion:330 Resp: 1028071
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 43.4 0.0 0.0#

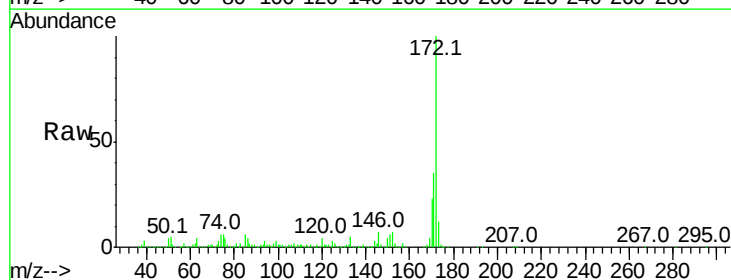


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

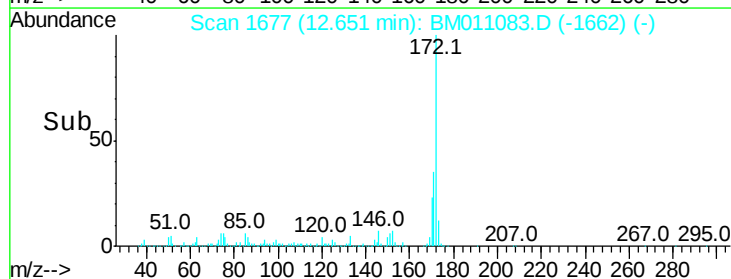
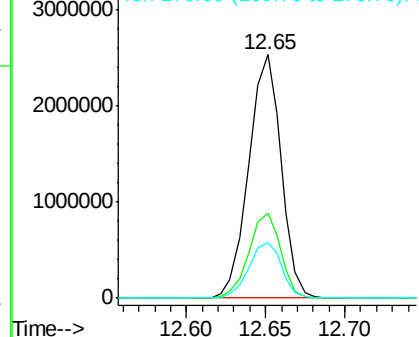


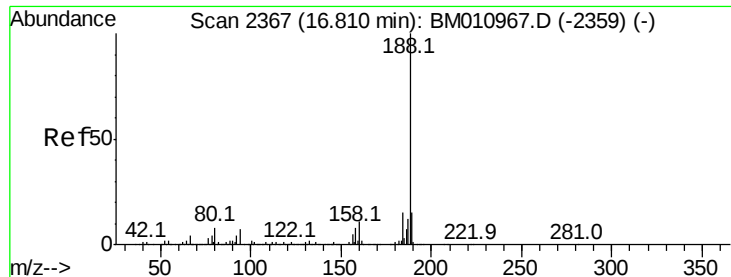
#44
 2-Fluorobiphenyl
 Concen: 95.308 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011083.D
 Acq: 01 Aug 2017 15:37

Tgt Ion:172 Resp: 3585738
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 22.9 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: 16.80 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BM011083.D

Acq: 01 Aug 2017 15:37

Instrument :

BNA_M

ClientSampleId :

CL-02-072717-E

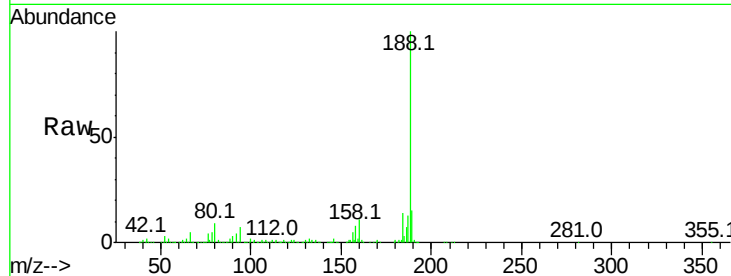
Tot Ion:188 Resp: 1122188

Ion Ratio Lower Upper

188 100

94 7.1 8.7 13.1#

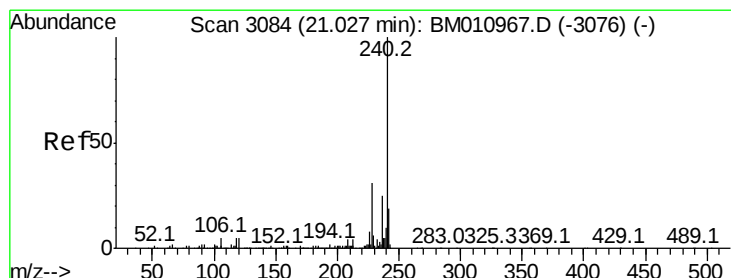
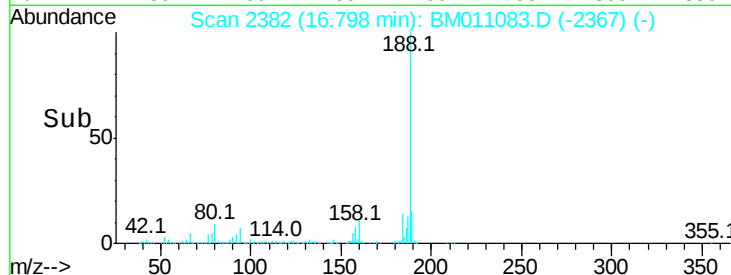
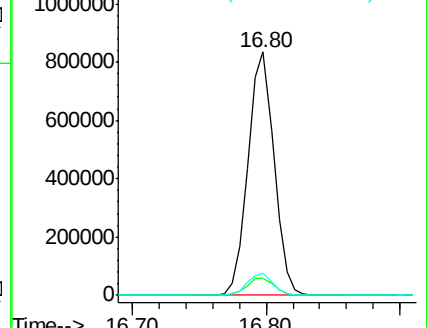
80 9.2 9.3 13.9#



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# 3099

Delta R.T. -0.01 min

Lab File: BM011083.D

Acq: 01 Aug 2017 15:37

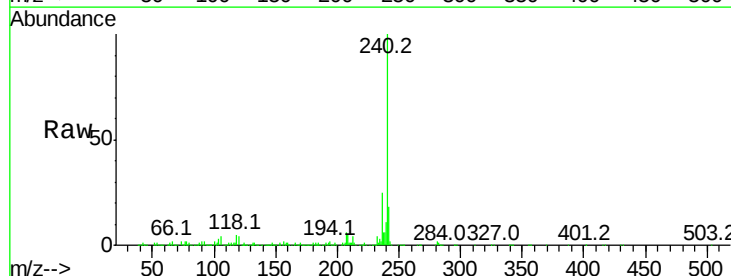
Tgt Ion:240 Resp: 982217

Ion Ratio Lower Upper

240 100

120 4.2 8.2 12.2#

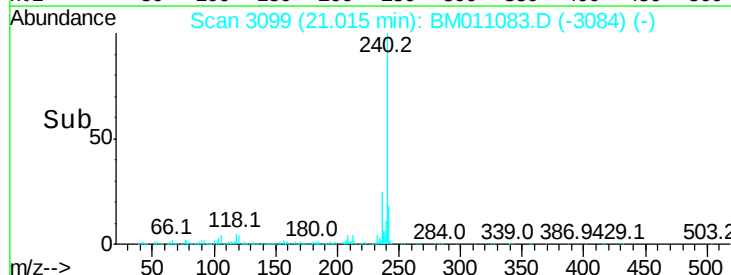
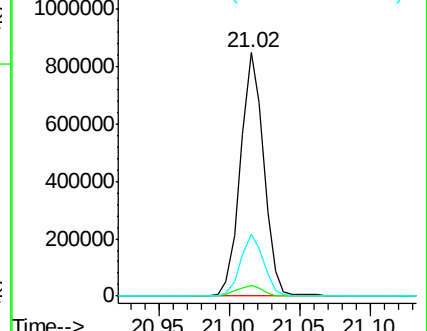
236 25.4 20.0 30.0

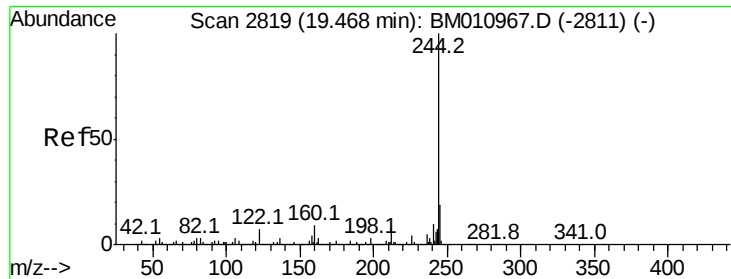


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.205 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011083.D

Acq: 01 Aug 2017 15:37

Instrument :

BNA_M

ClientSampleId :

CL-02-072717-E

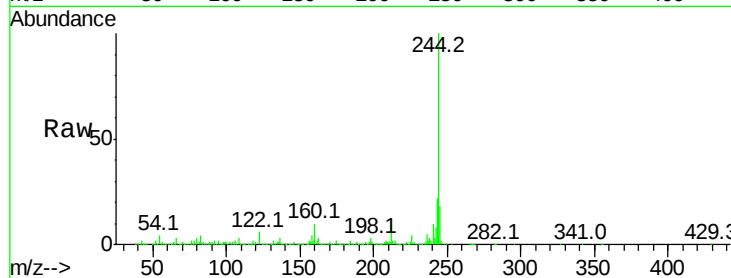
Tot Ion:244 Resp: 4671164

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

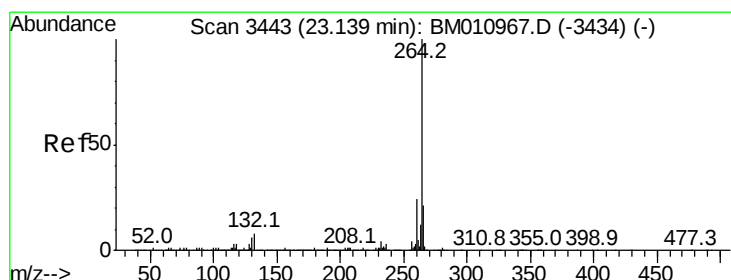
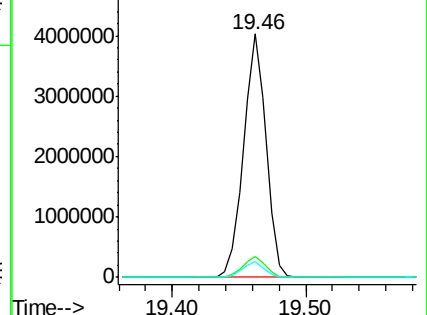
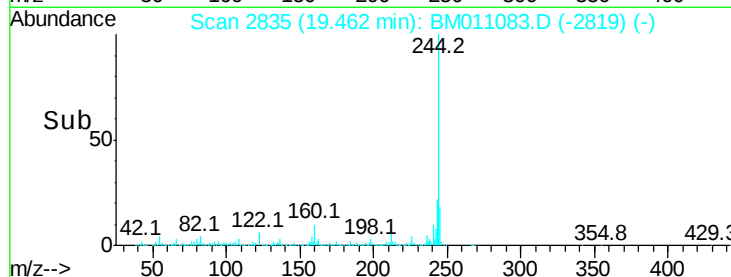
122 6.4 6.2 9.4



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: 23.13 min Scan# 3458

Delta R.T. -0.01 min

Lab File: BM011083.D

Acq: 01 Aug 2017 15:37

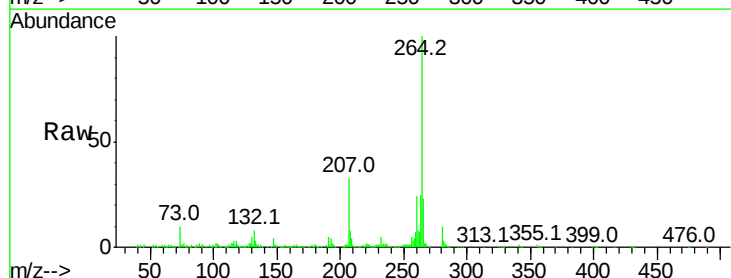
Tgt Ion:264 Resp: 565973

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 22.5 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

