

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011055.D
 Acq On : 28 Jul 2017 23:08
 Operator : SJ/JU
 Sample : I4445-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLC-IP-OILY-ROCKS-SAND

Quant Time: Jul 29 01:44:44 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

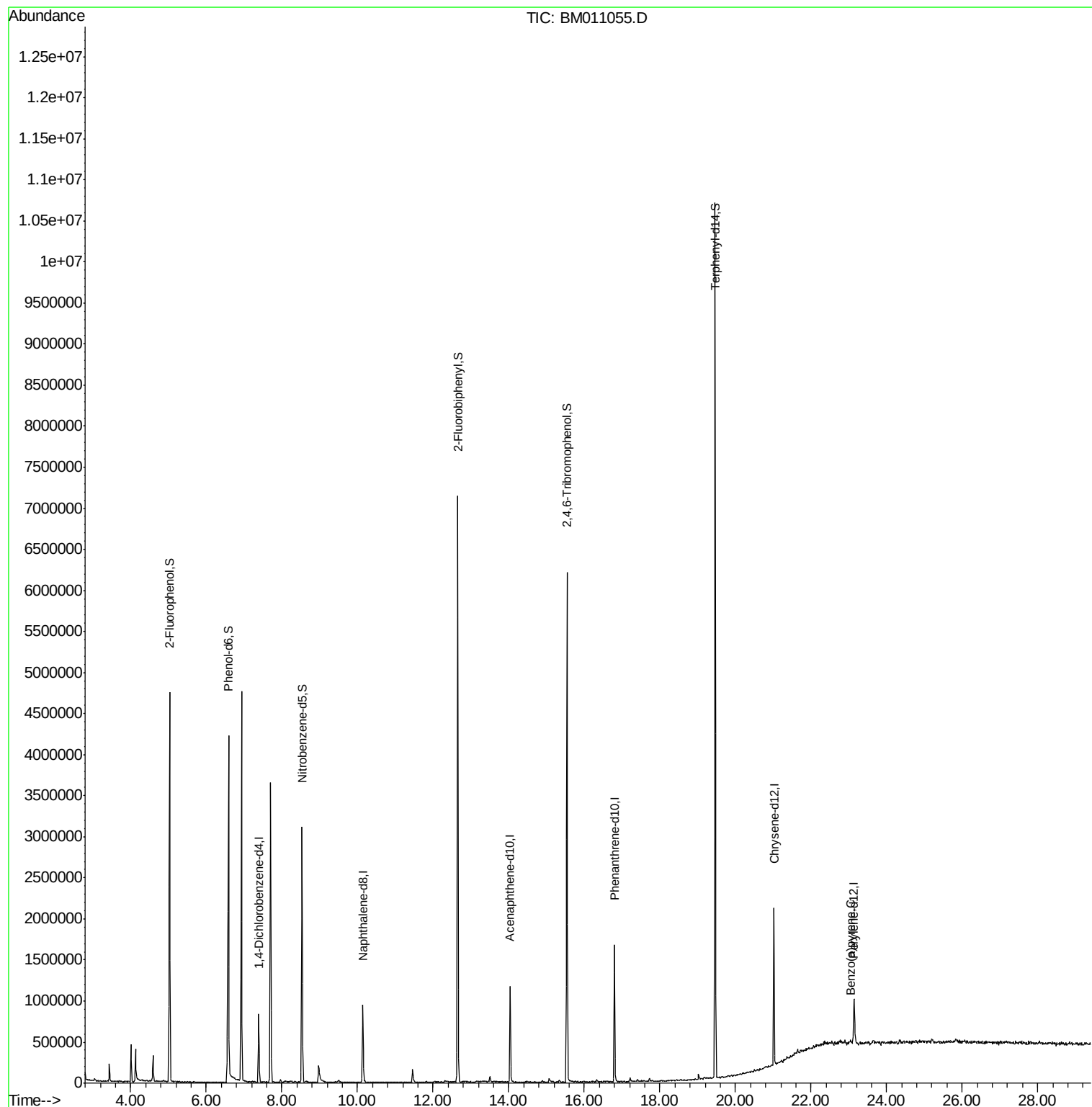
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	170391	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	617940	20.00	ng	0.00
38) Acenaphthene-d10	14.04	164	339064	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	851863	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	828907	20.00	ng	0.00
86) Perylene-d12	23.13	264	106955	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1436690	142.53	ng	0.00
7) Phenol-d6	6.59	99	1736040	121.22	ng	0.00
23) Nitrobenzene-d5	8.53	82	1713373	104.06	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	856371	157.58	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3127497	115.68	ng	-0.01
78) Terphenyl-d14	19.46	244	4058446	96.99	ng	0.00
Target Compounds						
89) Benzo(a)pyrene	23.04	252	27102	4.363	ng	Qvalue 96

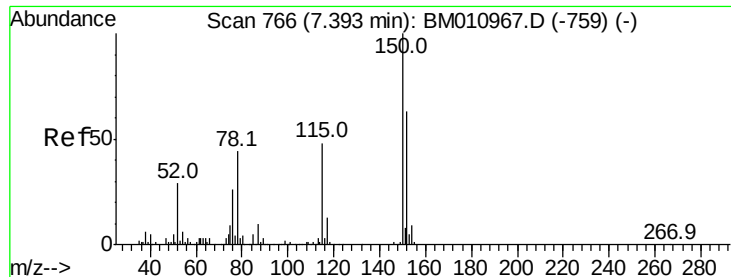
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
Data File : BM011055.D
Acq On : 28 Jul 2017 23:08
Operator : SJ/JU
Sample : I4445-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLC-IP-OILY-ROCKS-SAND

Quant Time: Jul 29 01:44:44 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



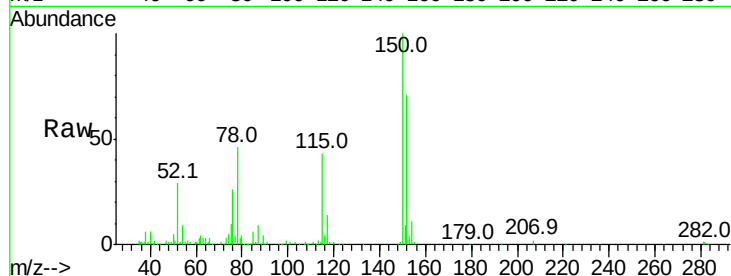


#1

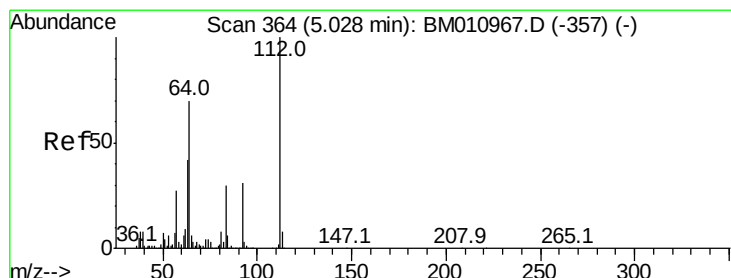
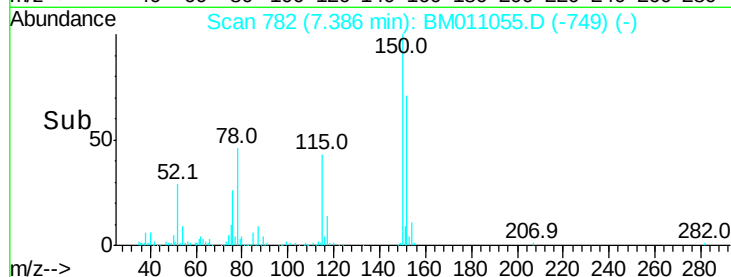
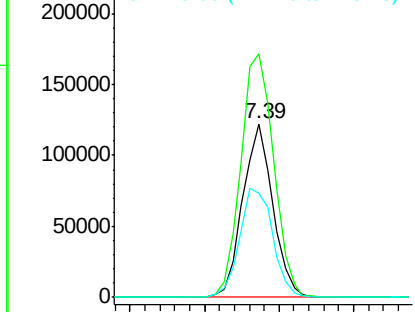
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011055.D
Acq: 28 Jul 2017 23:08

Instrument :
BNA_M
ClientSampleId :
BLC-IP-OILY-ROCKS-SAND

Tot Ion:152 Resp: 170391
Ion Ratio Lower Upper
152 100
150 140.5 119.5 179.3
115 60.2 43.0 64.4



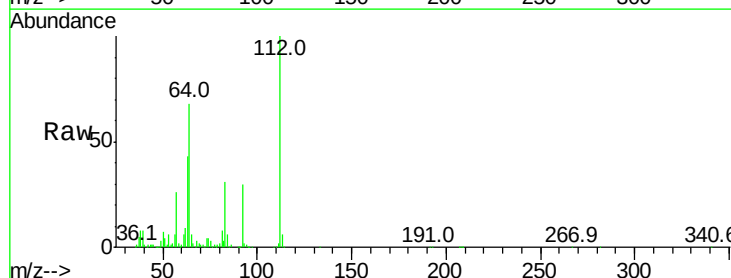
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



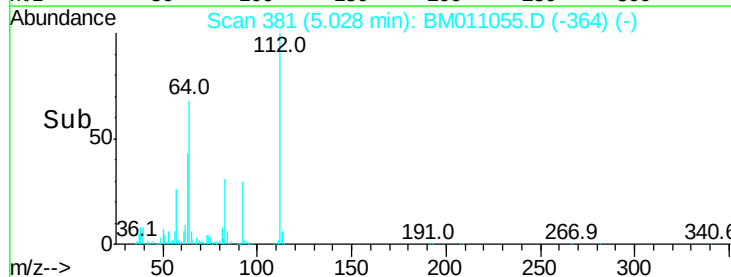
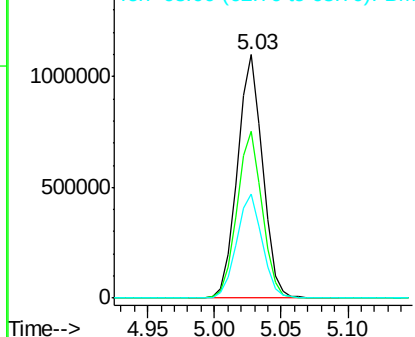
#5

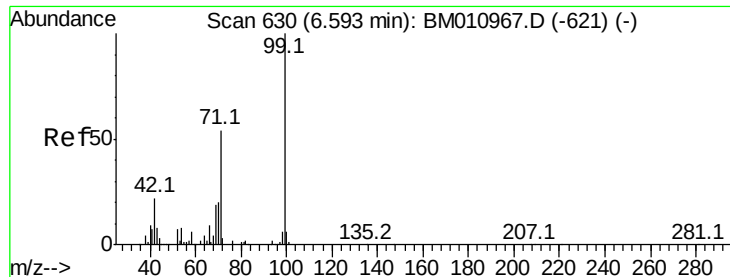
2-Fluorophenol
Concen: 142.533 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011055.D
Acq: 28 Jul 2017 23:08

Tgt Ion:112 Resp: 1436690
Ion Ratio Lower Upper
112 100
64 68.4 38.6 57.8#
63 42.5 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: 121.220 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011055.D

Acq: 28 Jul 2017 23:08

Instrument :

BNA_M

ClientSampleId :

BLC-IP-OILY-ROCKS-SAND

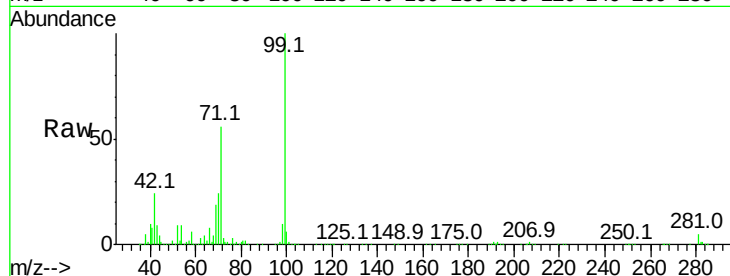
Tot Ion: 99 Resp: 1736040

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

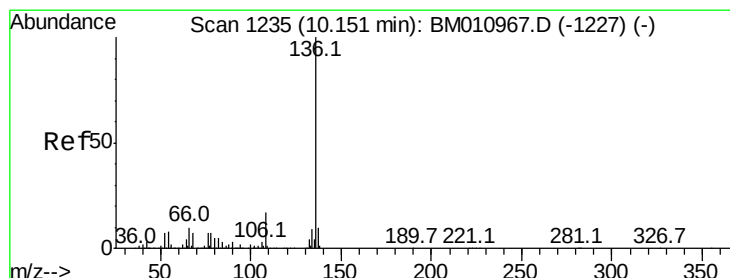
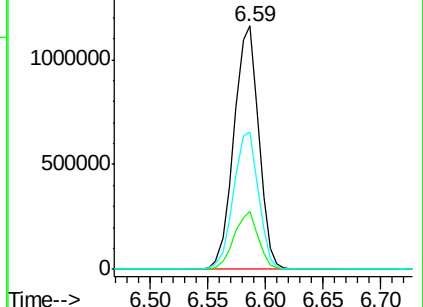
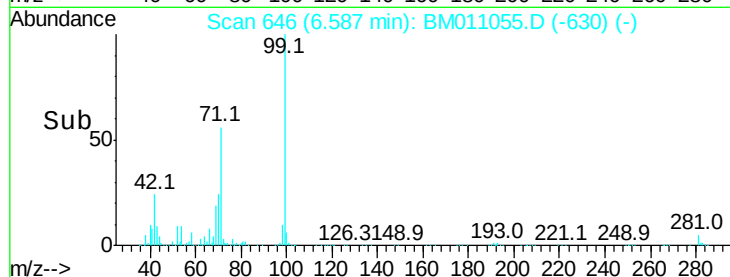
71 56.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011055.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011055.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011055.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011055.D

Acq: 28 Jul 2017 23:08

Tgt Ion: 136 Resp: 617940

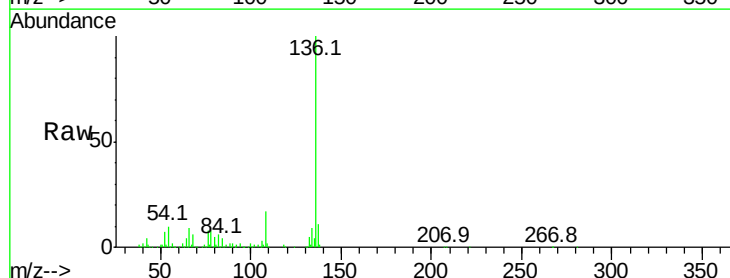
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 9.8 4.6 6.8#

68 5.6 3.7 5.5#

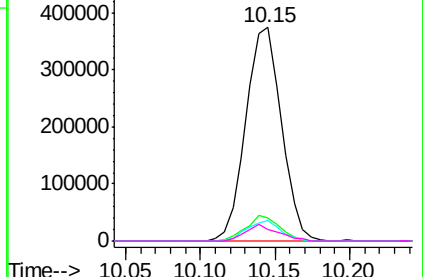
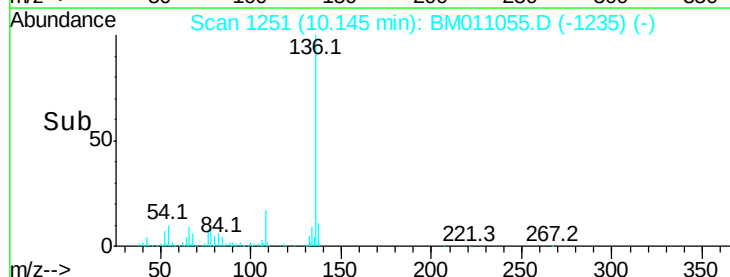


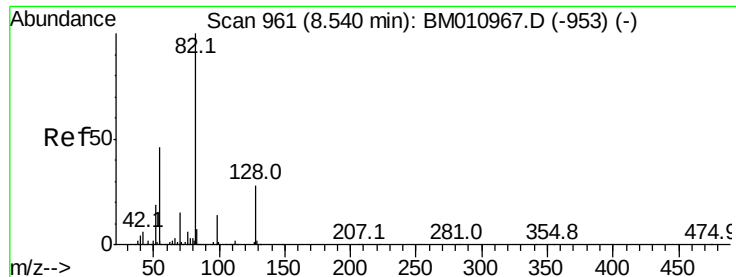
Abundance Ion 136.00 (135.70 to 136.70): BM011055.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011055.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011055.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011055.D (-1235) (-)

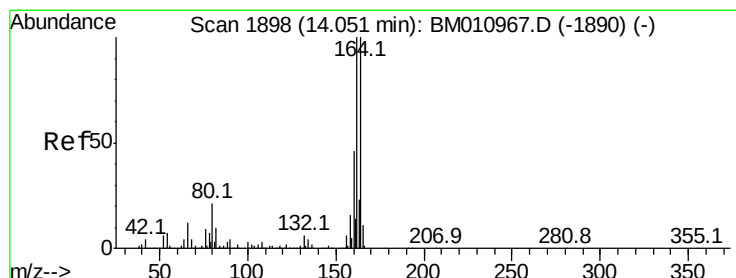
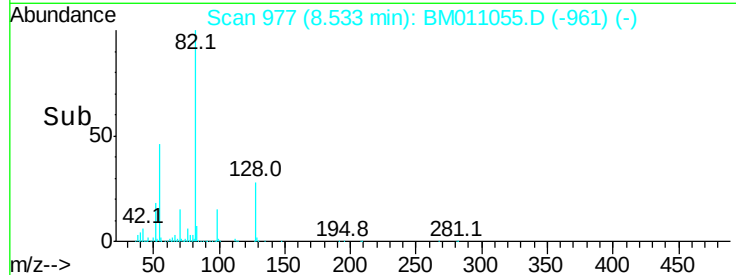
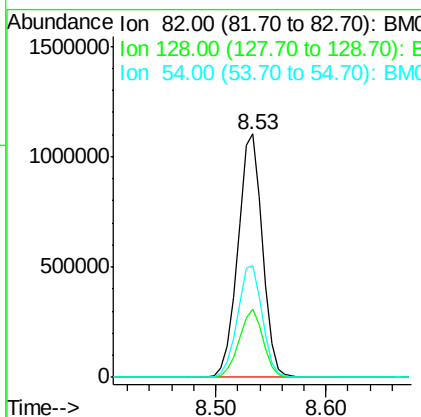
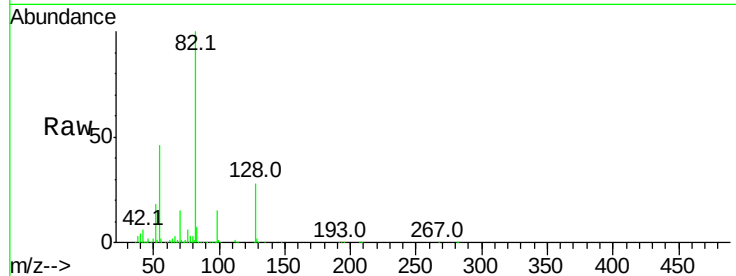




#23
 Nitrobenzene-d5
 Concen: 104.065 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011055.D
 Acq: 28 Jul 2017 23:08

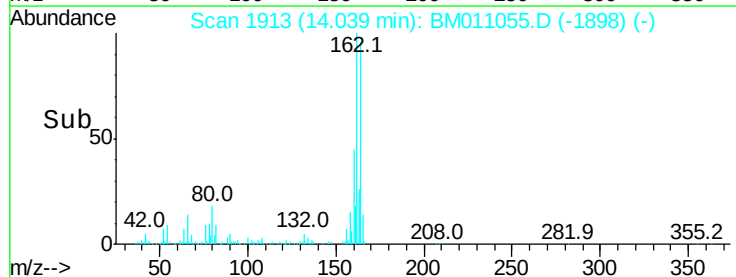
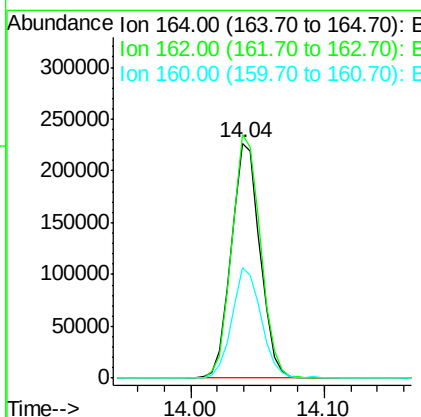
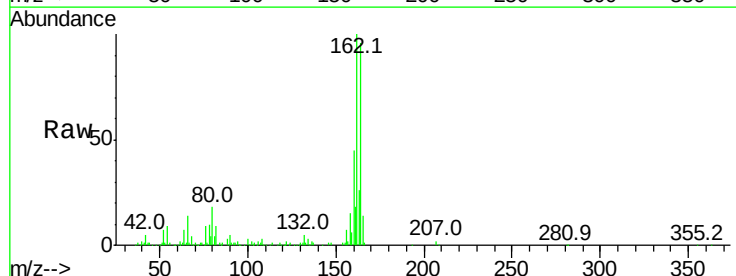
Instrument :
 BNA_M
 ClientSampleId :
 BLC-IP-OILY-ROCKS-SAND

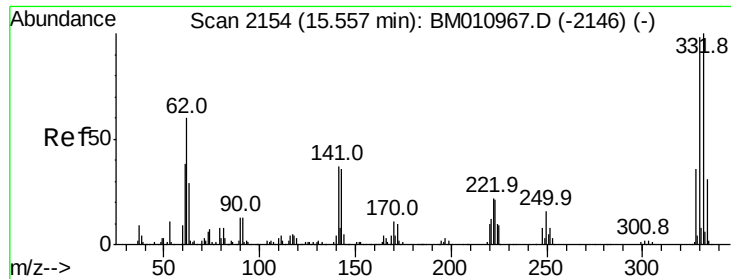
Tot Ion: 82 Resp: 1713373
 Ion Ratio Lower Upper
 82 100
 128 27.8 32.8 49.2#
 54 46.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.04 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BM011055.D
 Acq: 28 Jul 2017 23:08

Tgt Ion:164 Resp: 339064
 Ion Ratio Lower Upper
 164 100
 162 103.7 82.4 123.6
 160 47.1 35.8 53.6

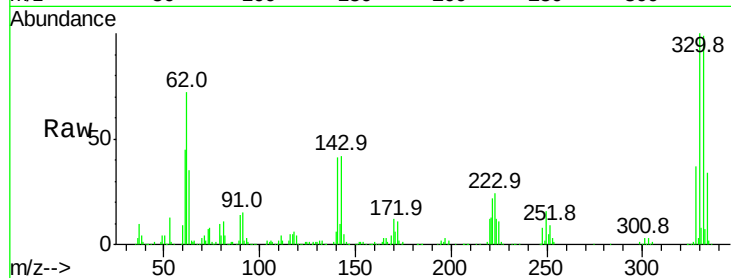




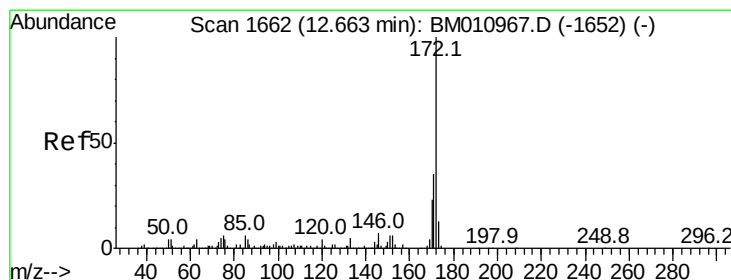
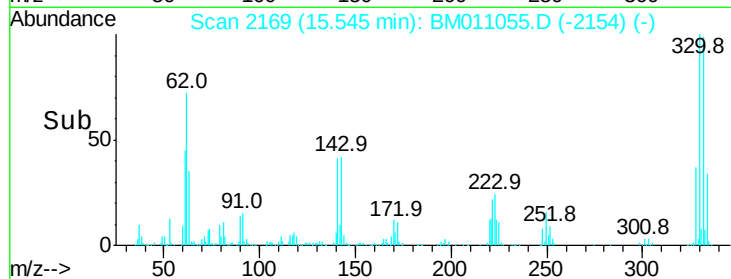
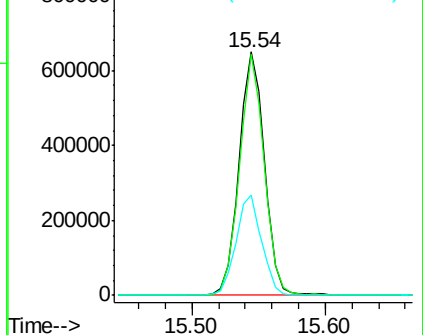
#41
 2,4,6-Tribromophenol
 Concen: 157.581 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011055.D
 Acq: 28 Jul 2017 23:08

Instrument :
 BNA_M
 ClientSampleId :
 BLC-IP-OILY-ROCKS-SAND

Tot Ion:330 Resp: 856371
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 41.6 0.0 0.0#

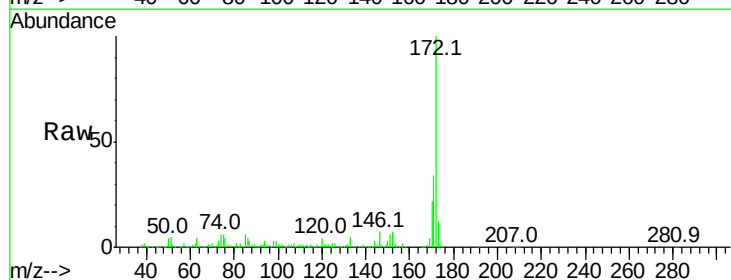


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

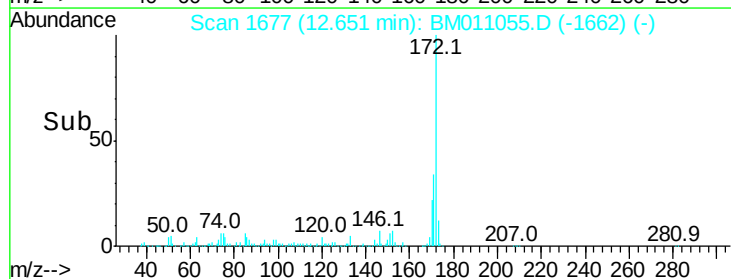
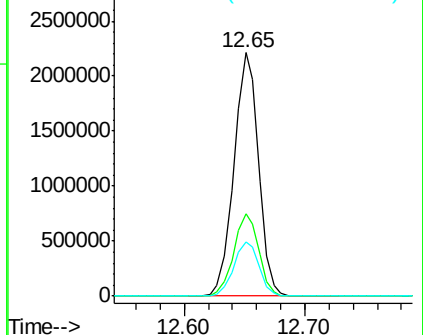


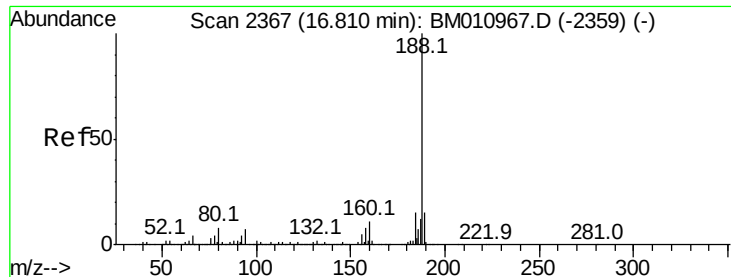
#44
 2-Fluorobiphenyl
 Concen: 115.680 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011055.D
 Acq: 28 Jul 2017 23:08

Tgt Ion:172 Resp: 3127497
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.5 42.7
 170 22.3 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

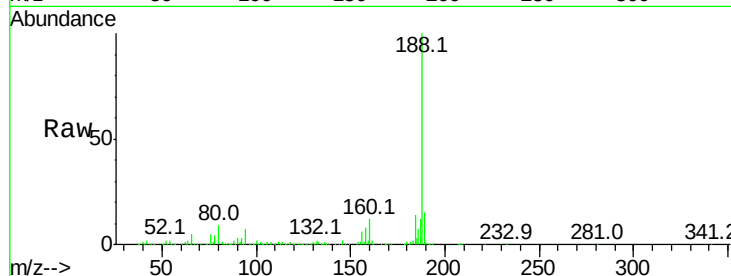




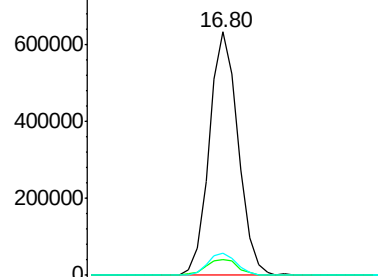
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.80 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM011055.D
Acq: 28 Jul 2017 23:08

Instrument :
BNA_M
ClientSampleId :
BLC-IP-OILY-ROCKS-SAND

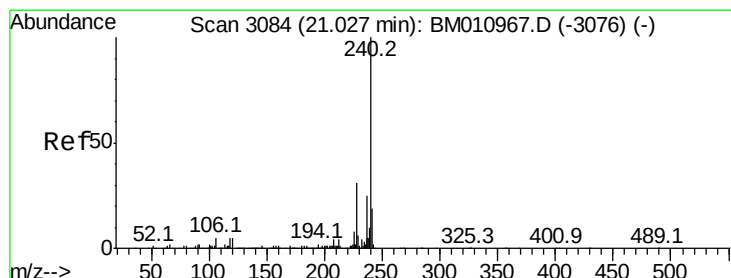
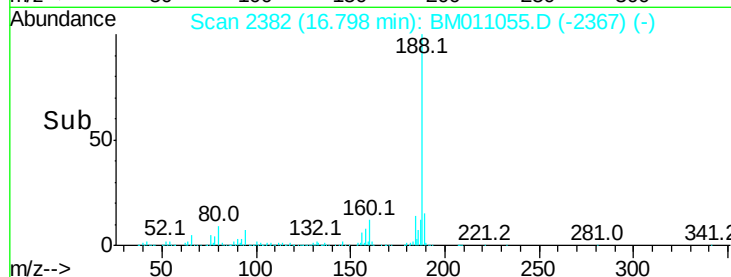
Tot Ion:188 Resp: 851863
Ion Ratio Lower Upper
188 100
94 6.6 8.7 13.1#
80 9.0 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM011055.D (-2367) (-)
Ion 80.00 (79.70 to 80.70): BM011055.D (-2367) (-)

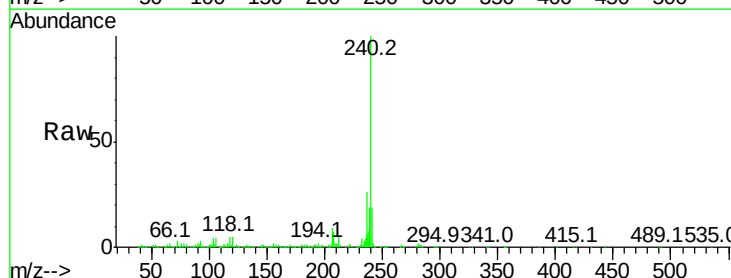


Time-->

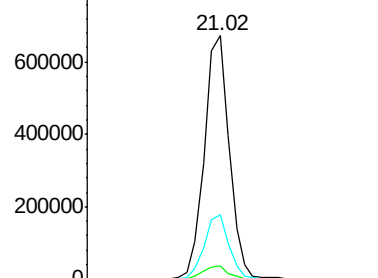


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM011055.D
Acq: 28 Jul 2017 23:08

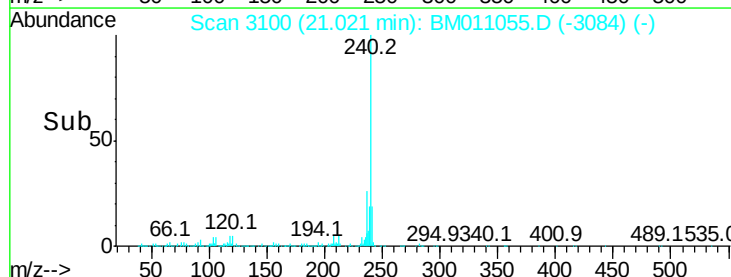
Tgt Ion:240 Resp: 828907
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 26.2 20.0 30.0

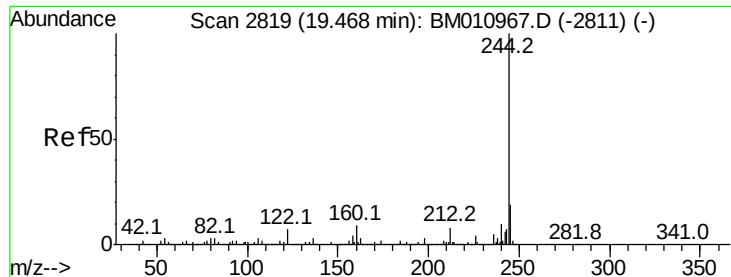


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 96.986 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011055.D

Acq: 28 Jul 2017 23:08

Instrument :

BNA_M

ClientSampleId :

BLC-IP-OILY-ROCKS-SAND

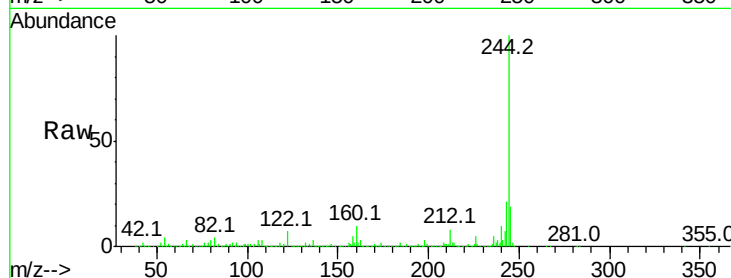
Tot Ion:244 Resp: 4058446

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

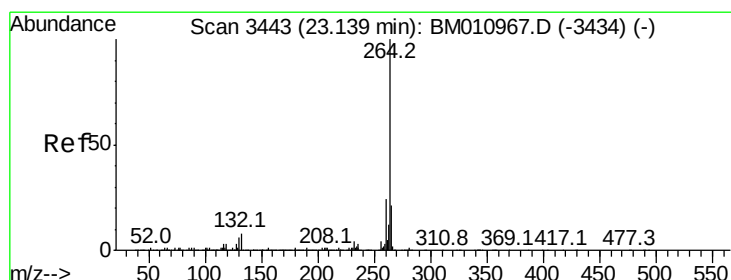
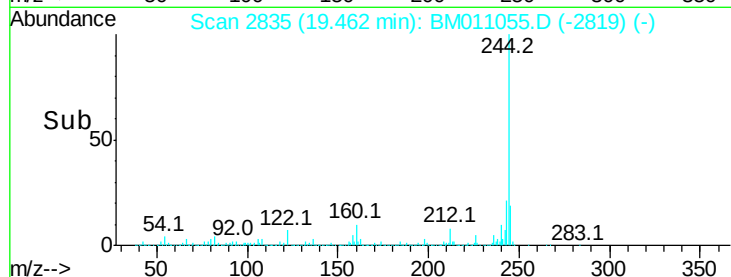
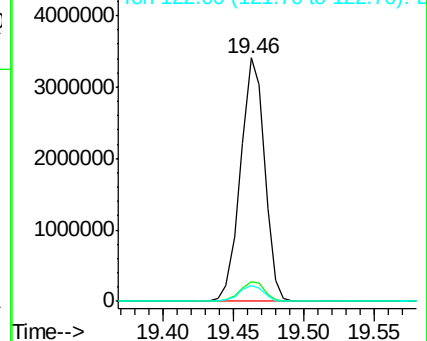
122 6.7 6.2 9.4



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: BM011055.D

Acq: 28 Jul 2017 23:08

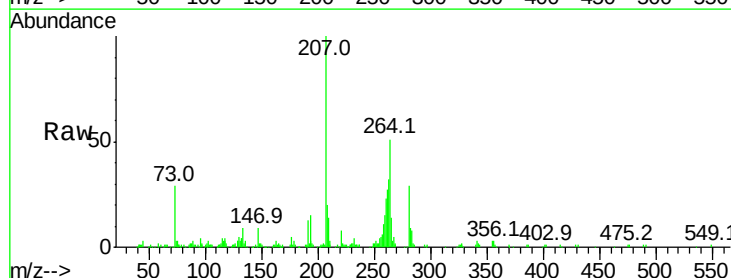
Tgt Ion:264 Resp: 106955

Ion Ratio Lower Upper

264 100

260 46.1 18.6 27.8#

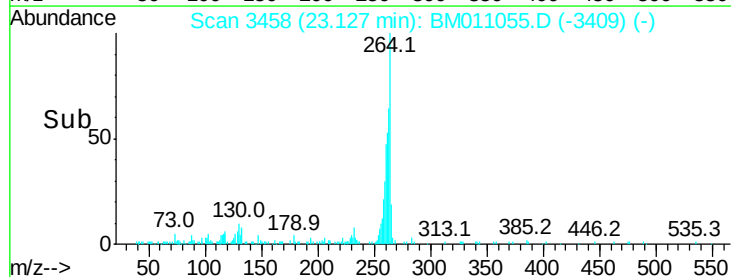
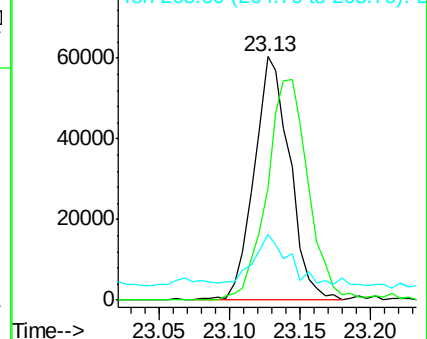
265 26.8 17.3 25.9#

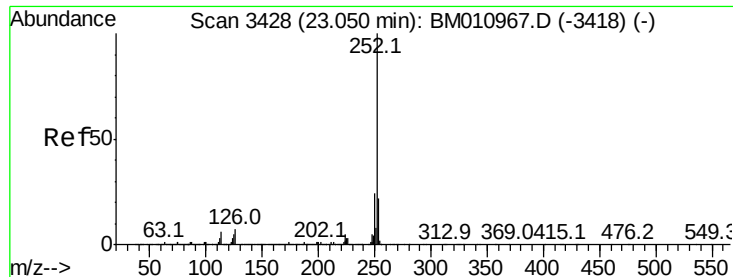


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 4.363 ng

RT: 23.04 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM011055.D

Acq: 28 Jul 2017 23:08

Instrument :

BNA_M

ClientSampleId :

BLC-IP-OILY-ROCKS-SAND

Tot Ion:252 Resp: 27102

Ion Ratio Lower Upper

252 100

253 24.1 17.6 26.4

125 8.4 7.4 11.2

