

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
 Data File : BM011255.D
 Acq On : 16 Aug 2017 13:33
 Operator : SJ/JU
 Sample : I4768-04RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 W-137TH-SLUDGE-52RE

Quant Time: Aug 16 14:46:34 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	7.29	152	104792	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	323453	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	103139	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	357544	20.00	ng	0.00
75) Chrysene-d12	20.94	240	127913	20.00	ng	0.00
86) Perylene-d12	23.02	264	797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	811198	130.86	ng	0.00
7) Phenol-d6	6.49	99	729808	82.86	ng	0.00
23) Nitrobenzene-d5	8.43	82	1037380	120.37	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	419894	254.00	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	1524785	185.41	ng	0.00
78) Terphenyl-d14	19.39	244	1669694	258.57	ng	0.00

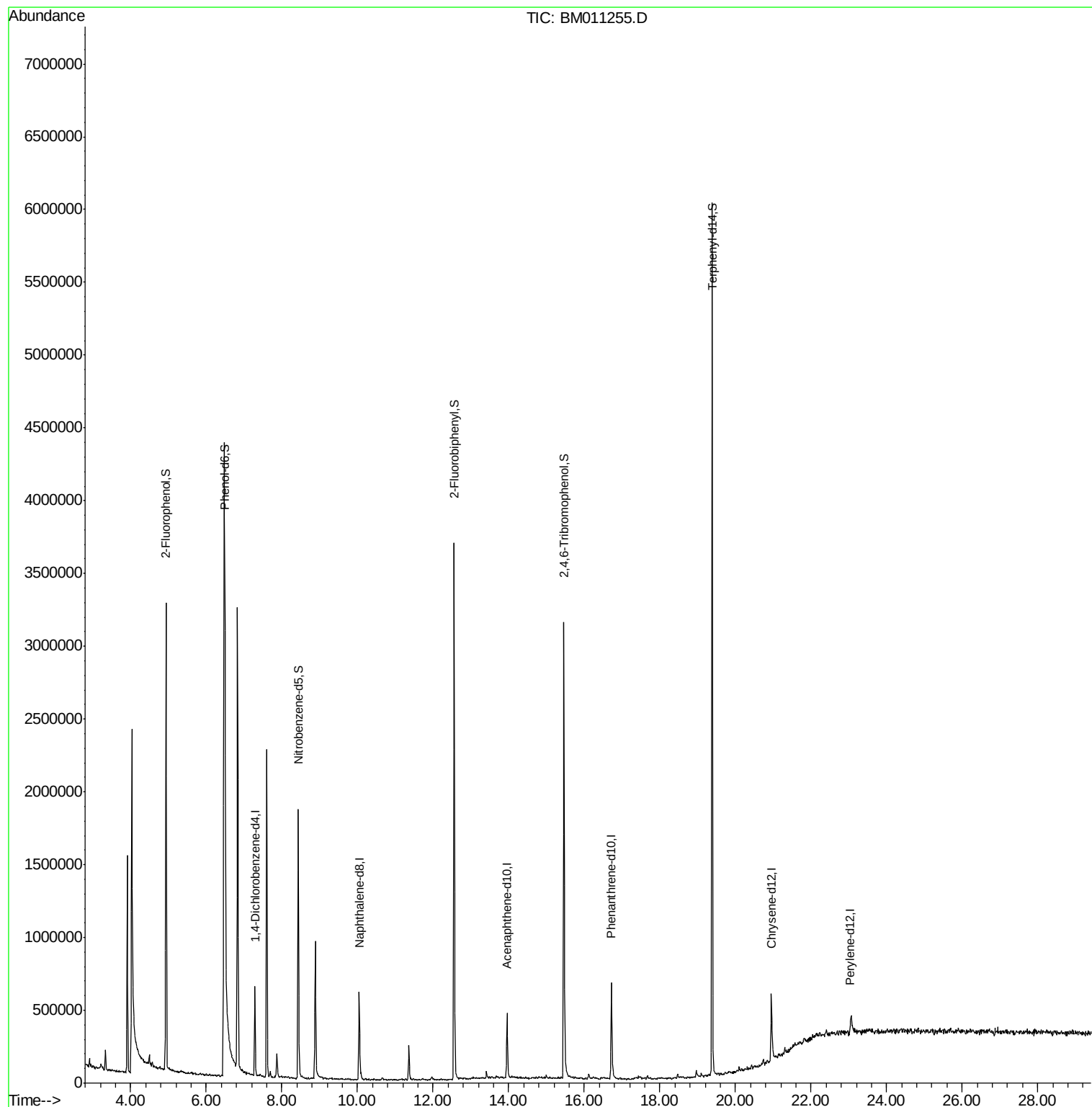
Target Compounds	Qvalue
------------------	--------

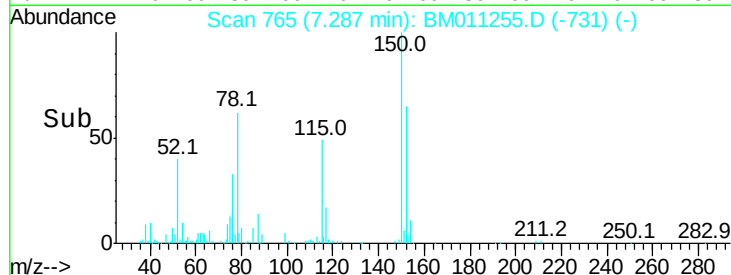
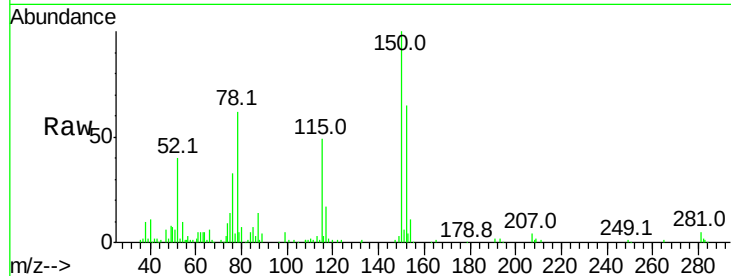
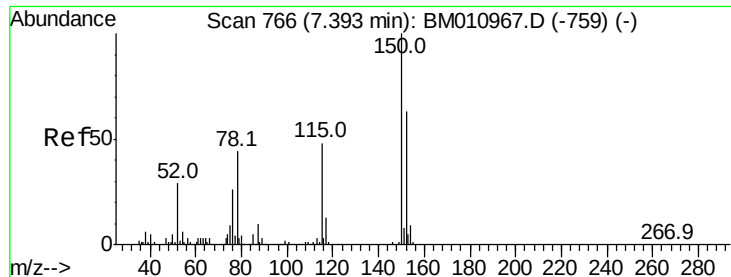
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
Data File : BM011255.D
Acq On : 16 Aug 2017 13:33
Operator : SJ/JU
Sample : I4768-04RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
W-137TH-SLUDGE-52RE

Quant Time: Aug 16 14:46:34 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



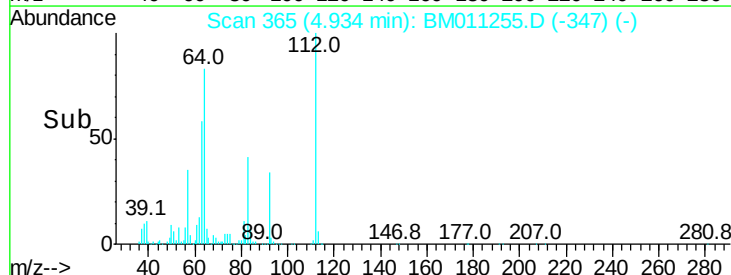
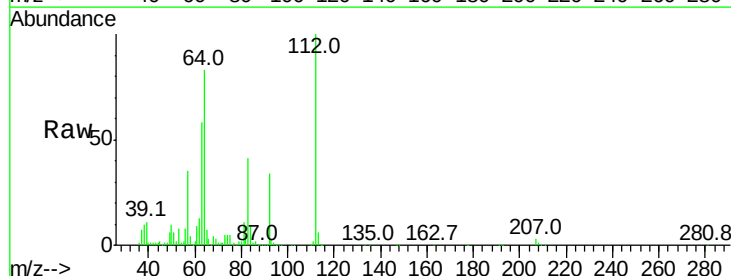
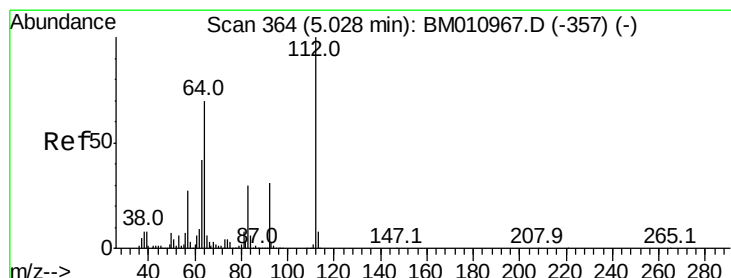
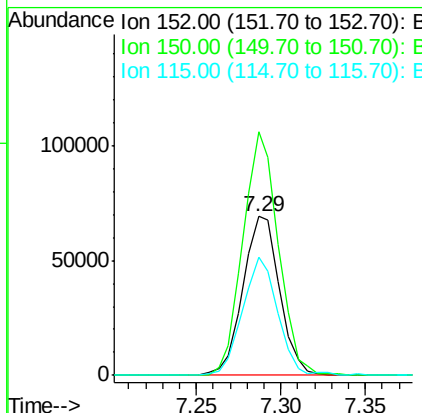


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 765
Delta R.T. 0.00 min
Lab File: BM011255.D
Acq: 16 Aug 2017 13:33

Instrument :
BNA_M
ClientSampleId :
W-137TH-SLUDGE-52RE

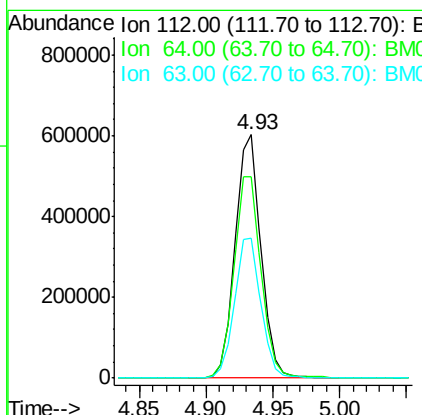
Tot Ion	152	Resp	104792
Ion	Ratio	Lower	Upper
152	100		
150	153.1	119.5	179.3
115	74.5	43.0	64.4

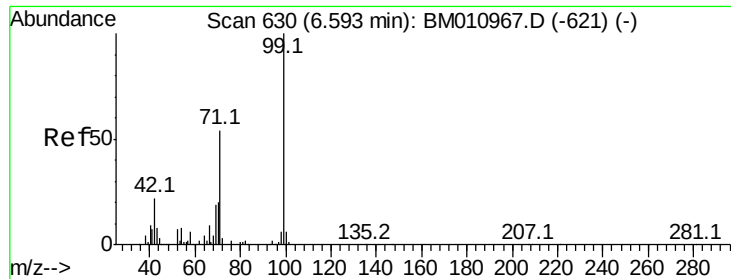


#5

2-Fluorophenol
Concen: 130.857 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM011255.D
Acq: 16 Aug 2017 13:33

Tgt Ion	112	Resp	811198
Ion	Ratio	Lower	Upper
112	100		
64	82.9	38.6	57.8
63	57.5	19.3	28.9





#7

Phenol-d6

Concen: 82.859 ng

RT: 6.49 min Scan# 630

Delta R.T. 0.00 min

Lab File: BM011255.D

Acq: 16 Aug 2017 13:33

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52RE

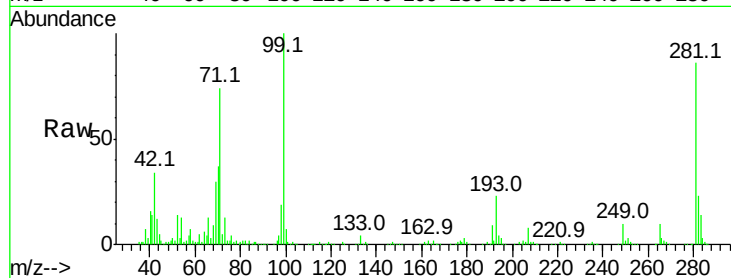
Tot Ion: 99 Resp: 729808

Ion Ratio Lower Upper

99 100

42 33.6 11.0 16.4#

71 74.1 23.4 35.2#

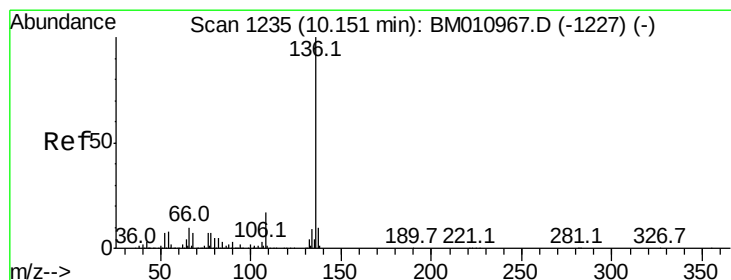
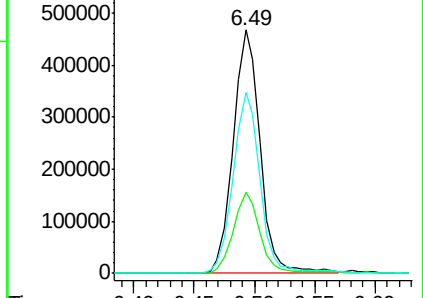
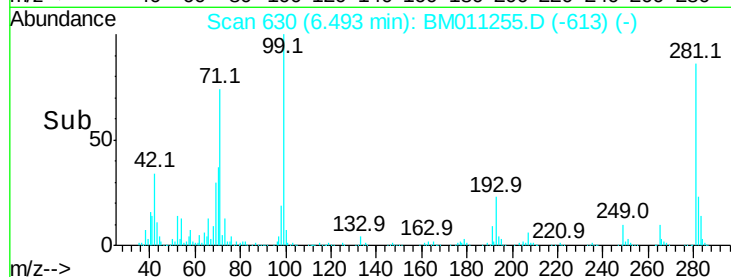


Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

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

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

6.49



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BM011255.D

Acq: 16 Aug 2017 13:33

Tgt Ion: 136 Resp: 323453

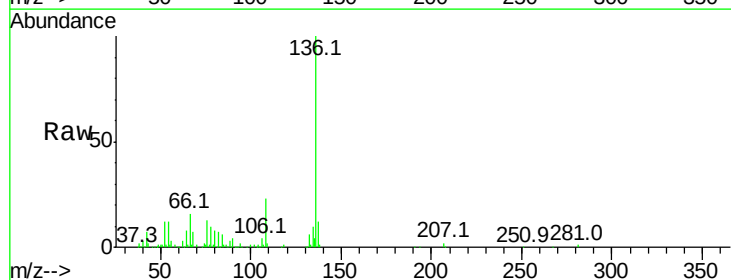
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 11.8 4.6 6.8#

68 6.7 3.7 5.5#



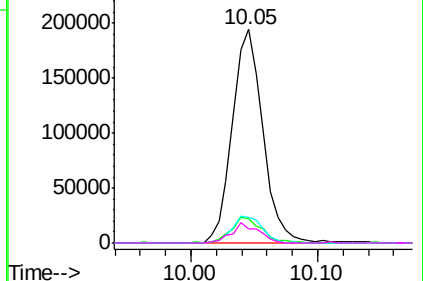
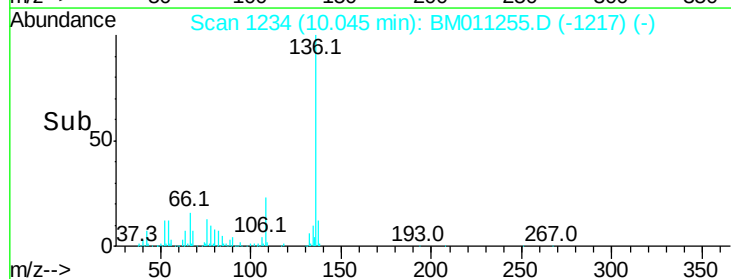
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

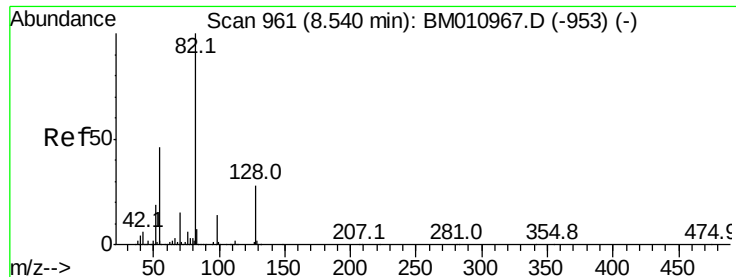
Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

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

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

10.05





#23

Nitrobenzene-d5

Concen: 120.372 ng

RT: 8.43 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM011255.D

Acq: 16 Aug 2017 13:33

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52RE

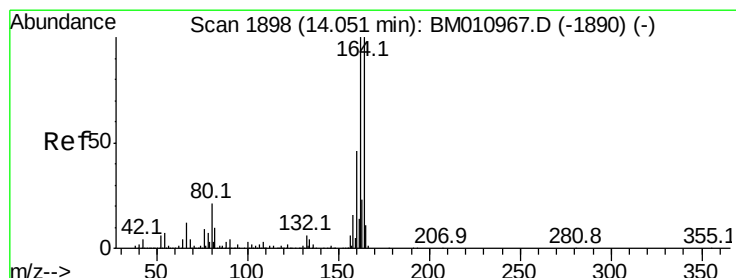
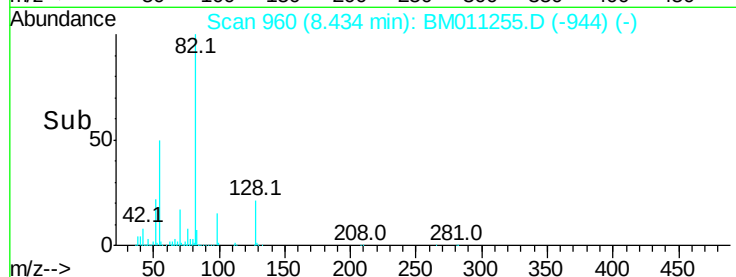
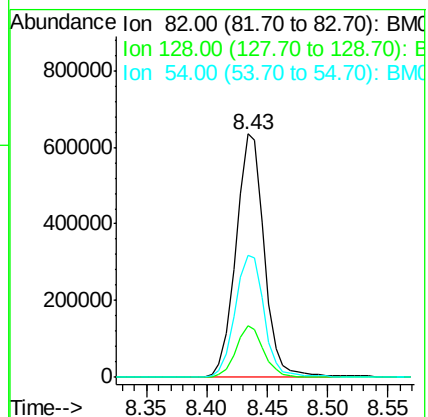
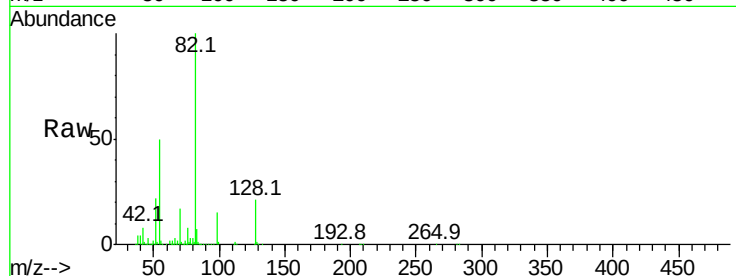
Tot Ion: 82 Resp: 1037380

Ion Ratio Lower Upper

82 100

128 20.9 32.8 49.2#

54 50.3 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM011255.D

Acq: 16 Aug 2017 13:33

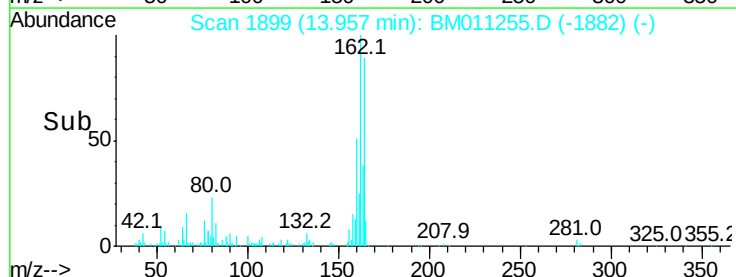
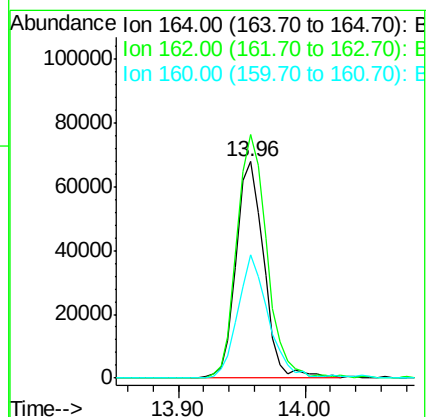
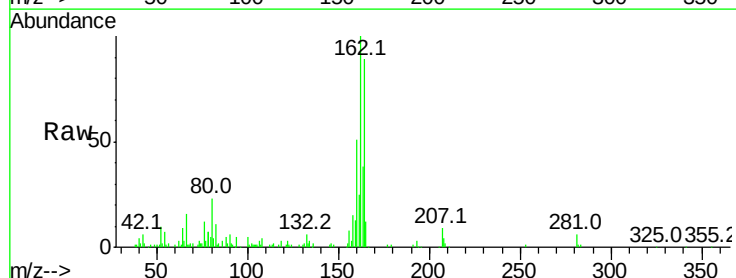
Tgt Ion:164 Resp: 103139

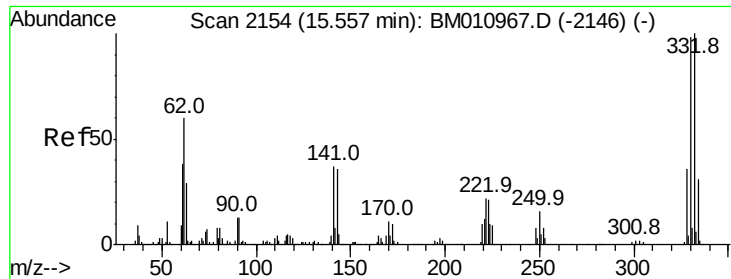
Ion Ratio Lower Upper

164 100

162 112.6 82.4 123.6

160 57.0 35.8 53.6#





#41

2,4,6-Tribromophenol

Concen: 254.004 ng

RT: 15.46 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BM011255.D

Acq: 16 Aug 2017 13:33

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52RE

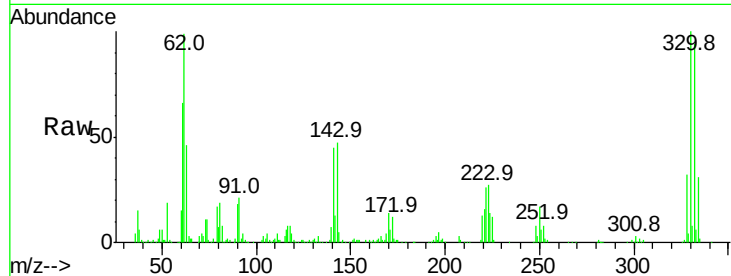
Tot Ion:330 Resp: 419894

Ion Ratio Lower Upper

330 100

332 95.2 0.0 0.0#

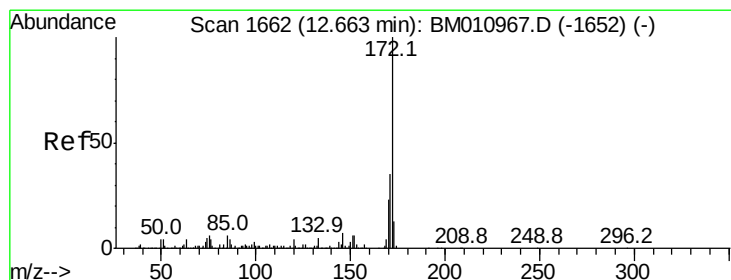
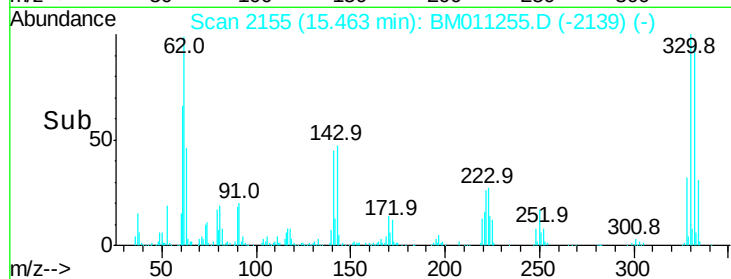
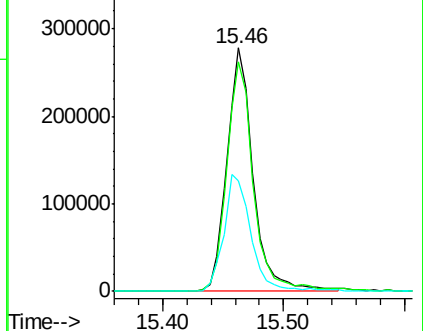
141 49.4 0.0 0.0#



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: 185.409 ng

RT: 12.56 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BM011255.D

Acq: 16 Aug 2017 13:33

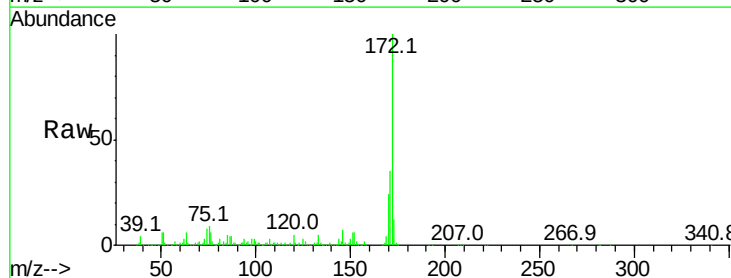
Tgt Ion:172 Resp: 1524785

Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

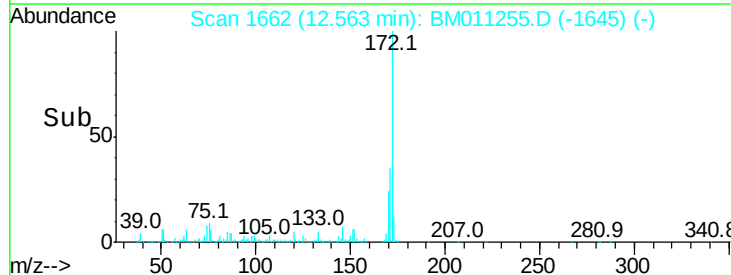
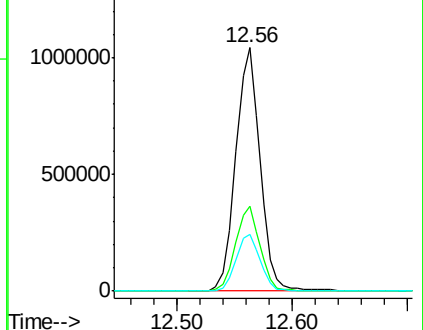
170 23.5 18.8 28.2

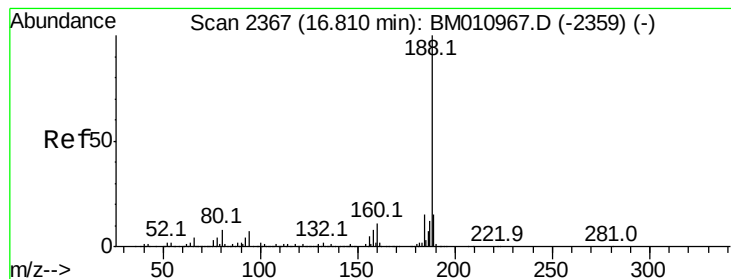


Abundance Ion 172.00 (171.70 to 172.70): E

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: 16.72 min Scan# 2369

Delta R.T. 0.01 min

Lab File: BM011255.D

Acq: 16 Aug 2017 13:33

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52RE

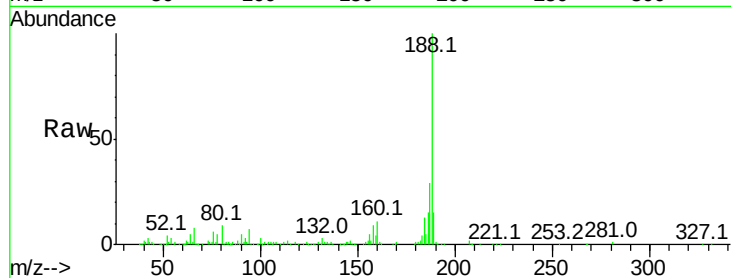
Tot Ion:188 Resp: 357544

Ion Ratio Lower Upper

188 100

94 7.4 8.7 13.1#

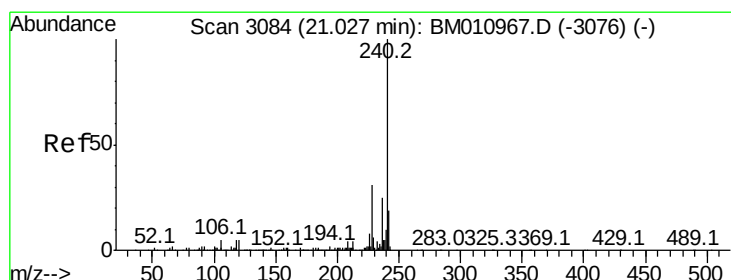
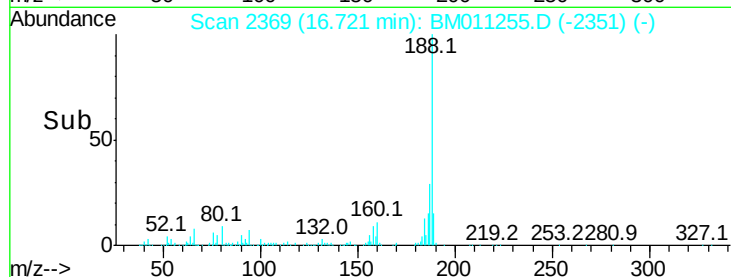
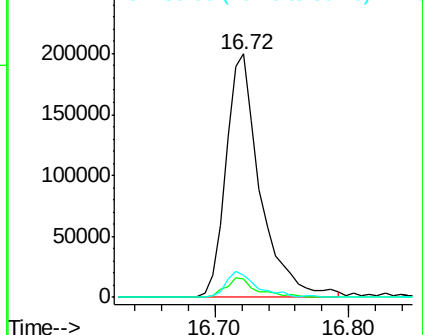
80 9.1 9.3 13.9#



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: 20.94 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM011255.D

Acq: 16 Aug 2017 13:33

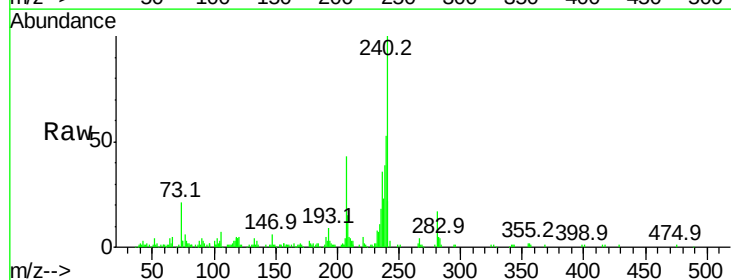
Tgt Ion:240 Resp: 127913

Ion Ratio Lower Upper

240 100

120 5.4 8.2 12.2#

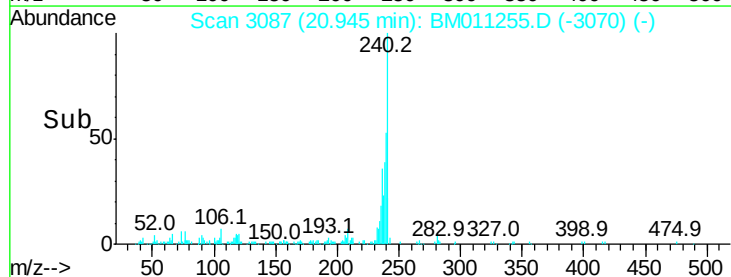
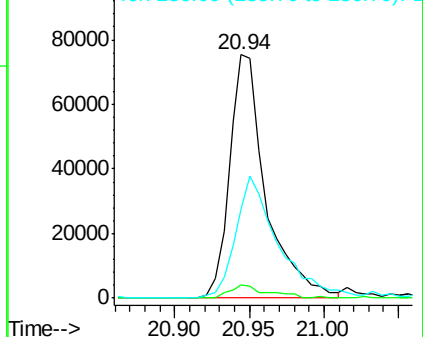
236 36.3 20.0 30.0#

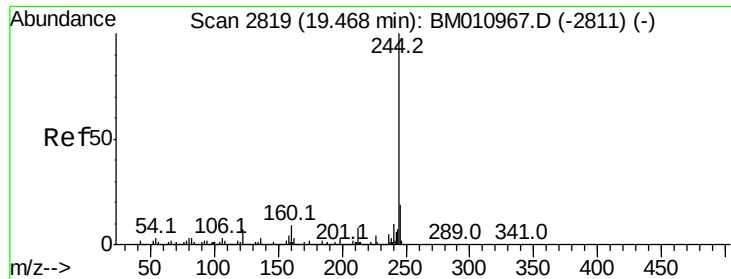


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 258.570 ng

RT: 19.39 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM011255.D

Acq: 16 Aug 2017 13:33

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52RE

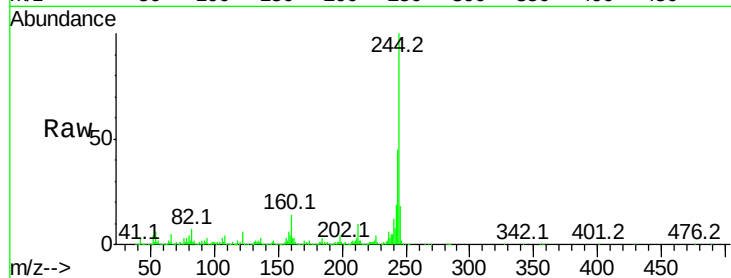
Tot Ion:244 Resp: 1669694

Ion Ratio Lower Upper

244 100

212 9.5 4.9 7.3#

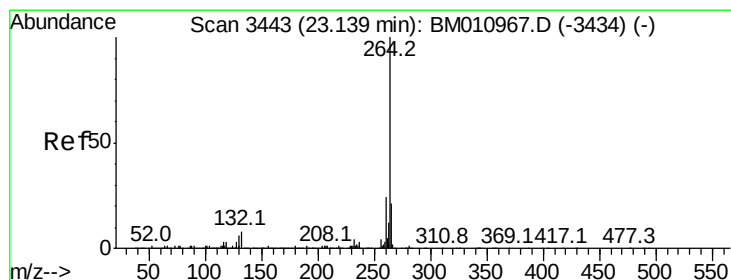
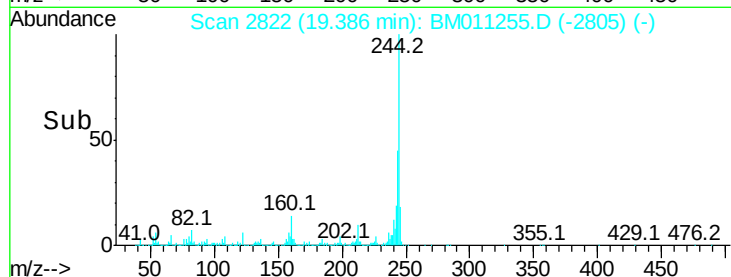
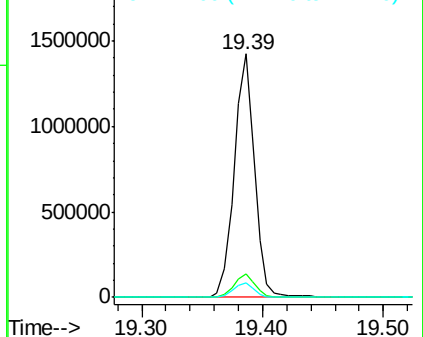
122 6.1 6.2 9.4#



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: 23.02 min Scan# 3440

Delta R.T. 0.00 min

Lab File: BM011255.D

Acq: 16 Aug 2017 13:33

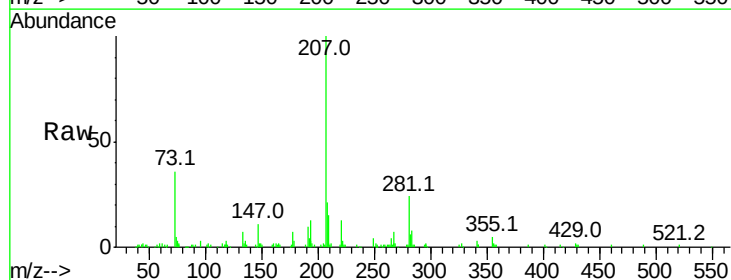
Tgt Ion:264 Resp: 797

Ion Ratio Lower Upper

264 100

260 0.0 18.6 27.8#

265 360.9 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

