

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081517\
 Data File : BM011248.D
 Acq On : 16 Aug 2017 00:16
 Operator : SJ/JU
 Sample : I4768-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 16 03:13:06 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	107410	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	369705	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	111768	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	460398	20.00	ng	0.00
75) Chrysene-d12	20.94	240	172551	20.00	ng	0.00
86) Perylene-d12	23.04	264	6561	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	897760	141.29	ng	0.00
7) Phenol-d6	6.49	99	832197	92.18	ng	0.00
23) Nitrobenzene-d5	8.44	82	1164657	118.23	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	529268	295.45	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	1823174	204.58	ng	0.00
78) Terphenyl-d14	19.39	244	2107738	241.97	ng	0.00

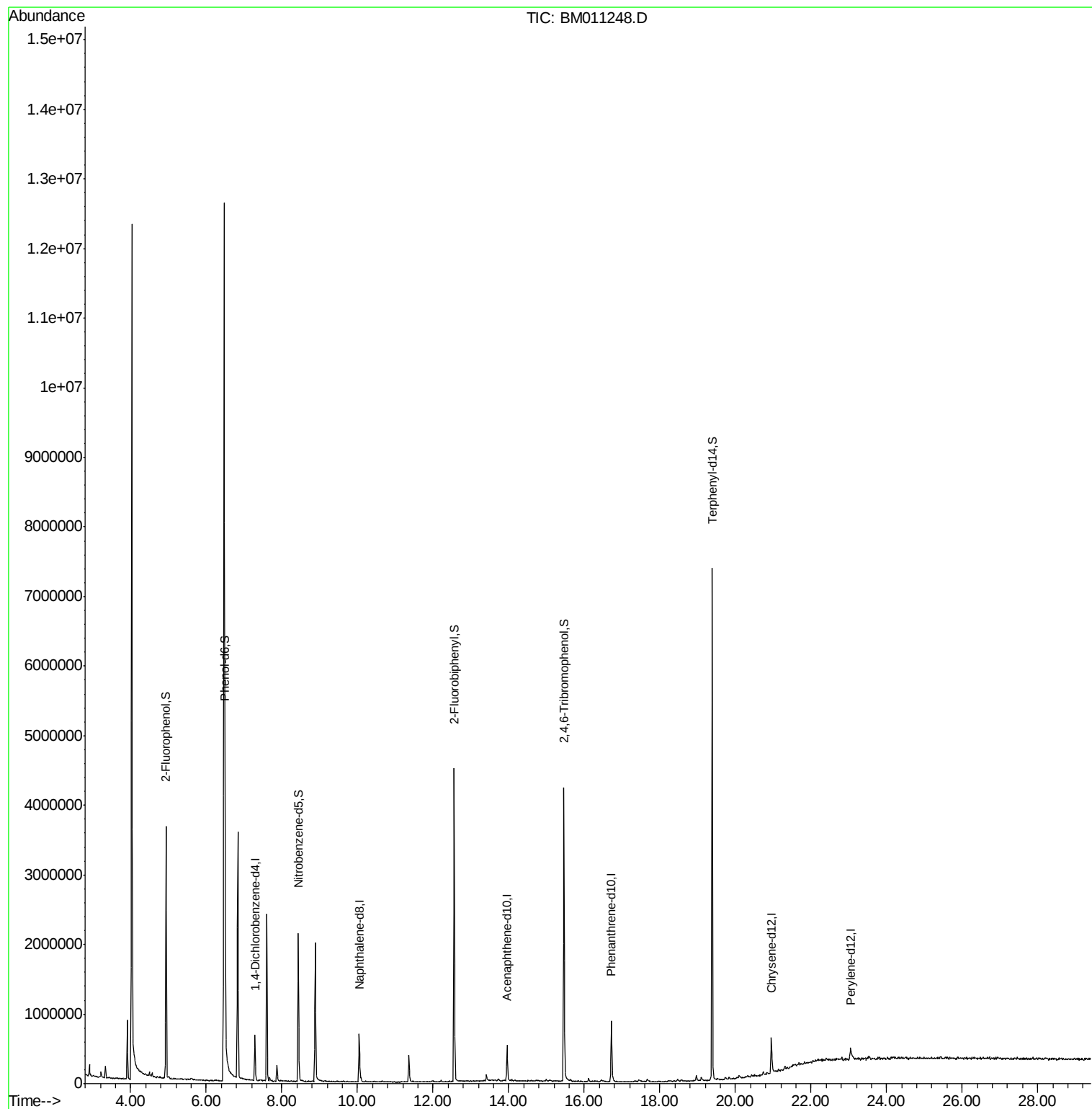
Target Compounds Qvalue

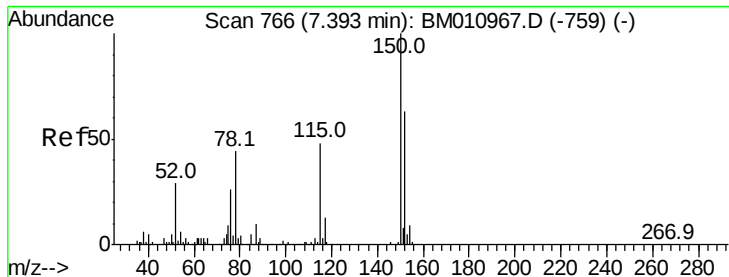
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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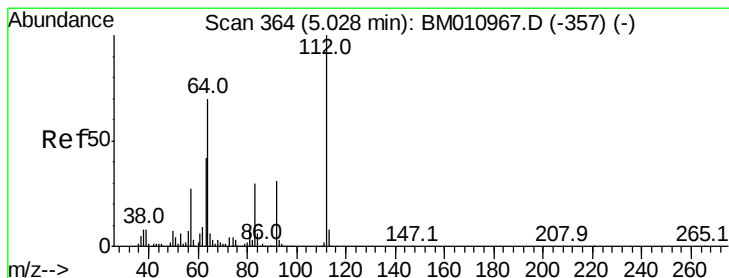
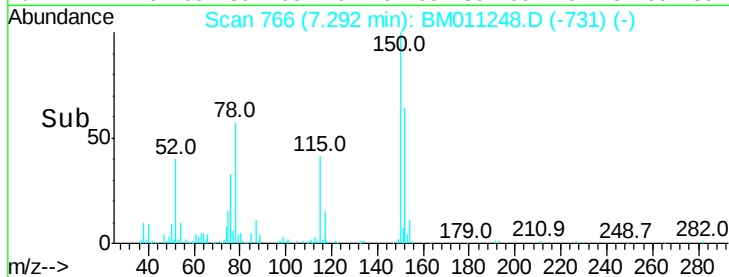
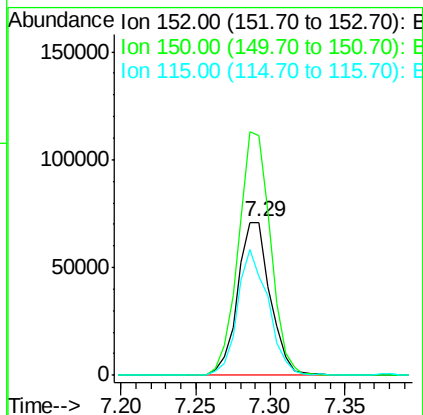
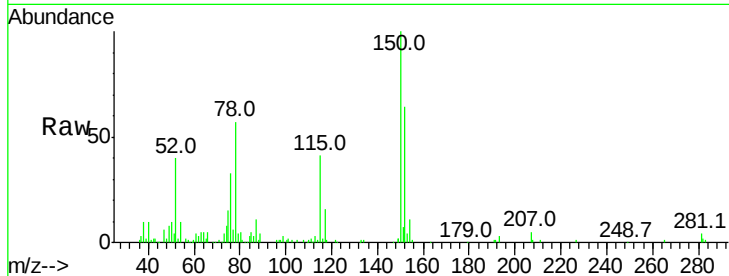


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. 0.01 min
Lab File: BM011248.D
Acq: 16 Aug 2017 00:16

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

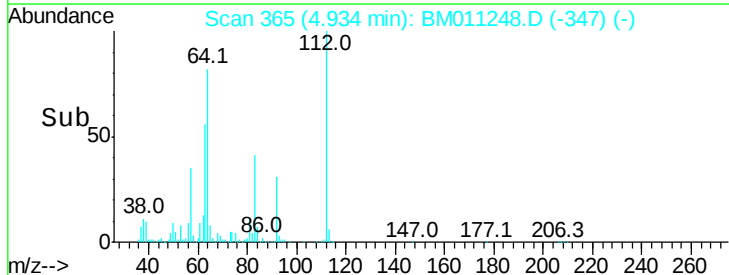
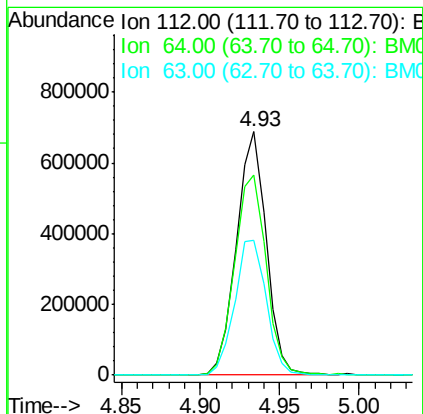
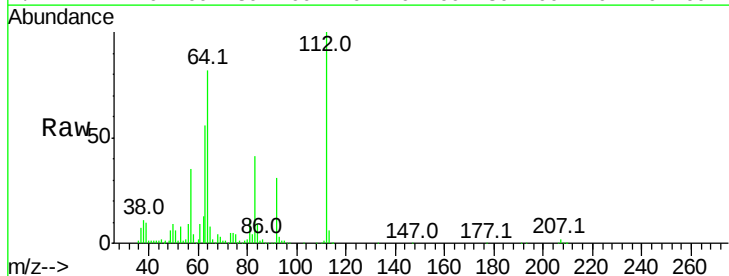
Tot Ion:152 Resp: 107410
Ion Ratio Lower Upper
152 100
150 156.4 119.5 179.3
115 64.6 43.0 64.4#

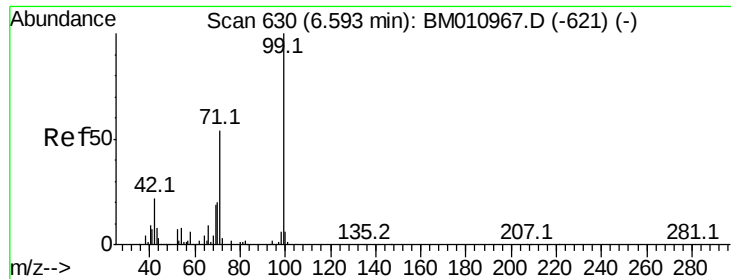


#5

2-Fluorophenol
Concen: 141.291 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM011248.D
Acq: 16 Aug 2017 00:16

Tgt Ion:112 Resp: 897760
Ion Ratio Lower Upper
112 100
64 82.0 38.6 57.8#
63 55.5 19.3 28.9#





#7

Phenol-d6

Concen: 92.181 ng

RT: 6.49 min Scan# 630

Delta R.T. 0.00 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52

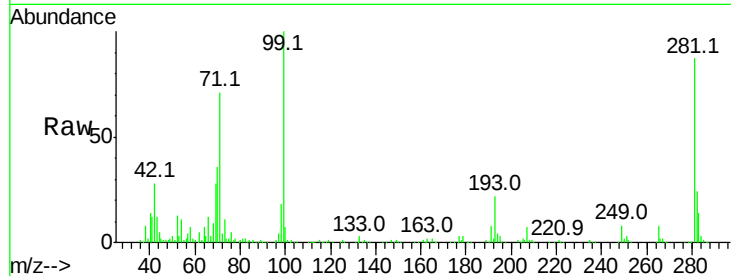
Tot Ion: 99 Resp: 832197

Ion Ratio Lower Upper

99 100

42 28.3 11.0 16.4#

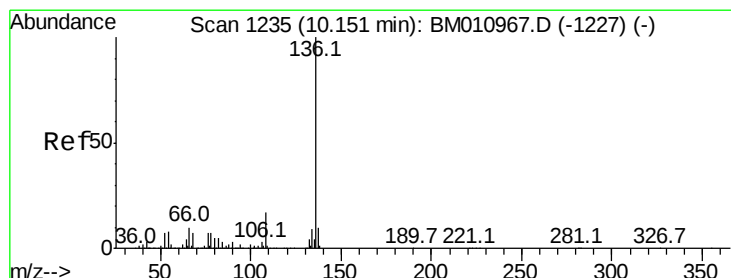
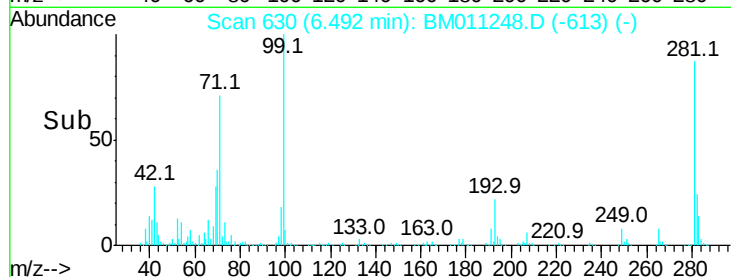
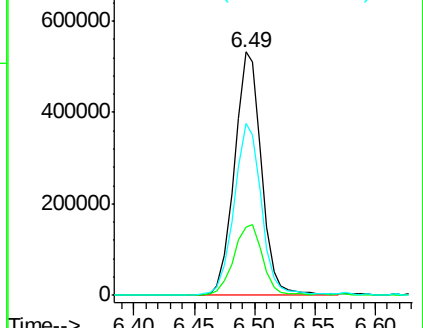
71 70.6 23.4 35.2#



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: 10.05 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

Tgt Ion: 136 Resp: 369705

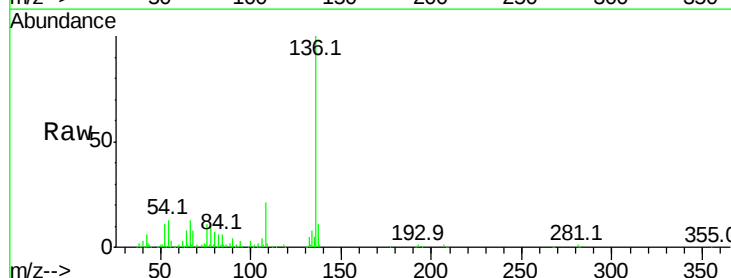
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 13.1 4.6 6.8#

68 8.4 3.7 5.5#

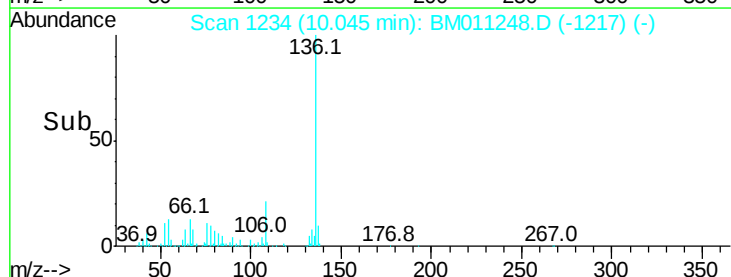
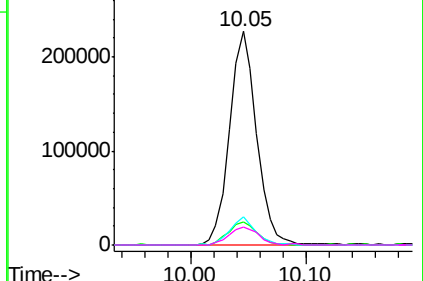


Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

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: 118.233 ng

RT: 8.44 min Scan# 961

Delta R.T. 0.00 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52

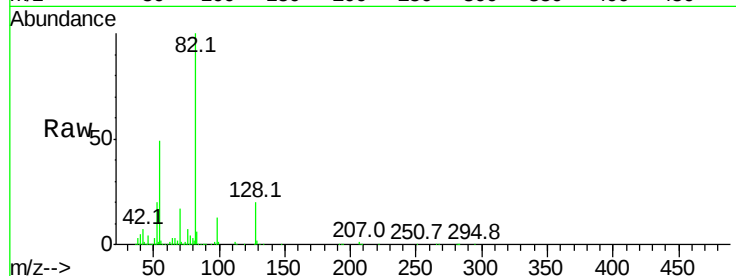
Tot Ion: 82 Resp: 1164657

Ion Ratio Lower Upper

82 100

128 19.9 32.8 49.2#

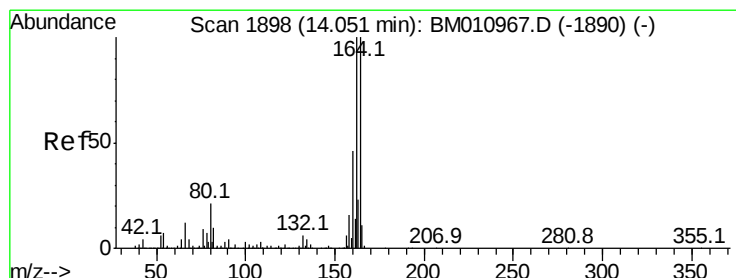
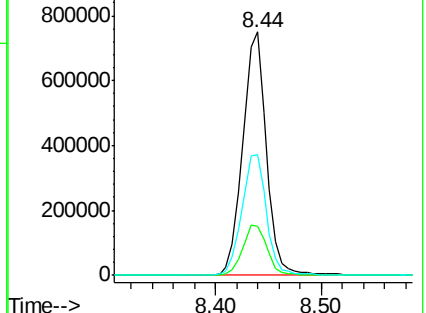
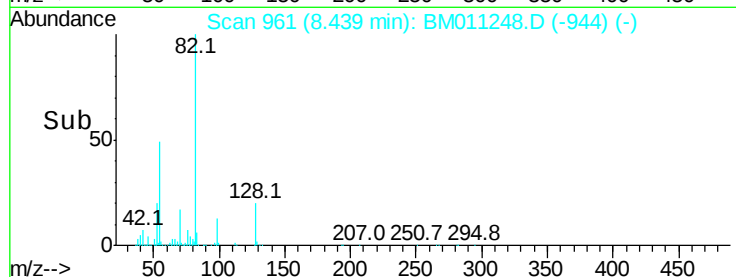
54 49.4 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM011248.D (-944) (-)

Ion 128.00 (127.70 to 128.70): BM011248.D (-944) (-)

Ion 54.00 (53.70 to 54.70): BM011248.D (-944) (-)



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.96 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

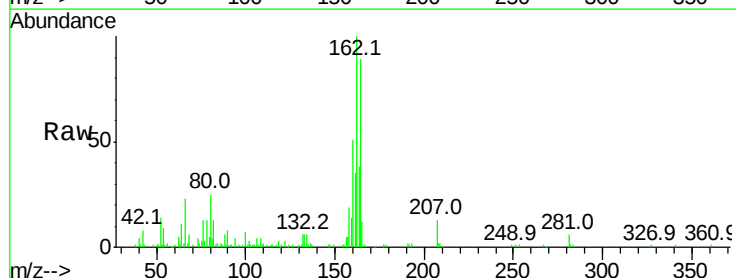
Tgt Ion:164 Resp: 111768

Ion Ratio Lower Upper

164 100

162 112.7 82.4 123.6

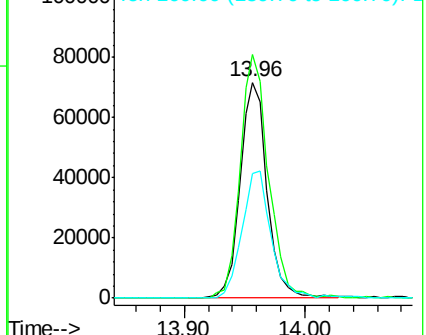
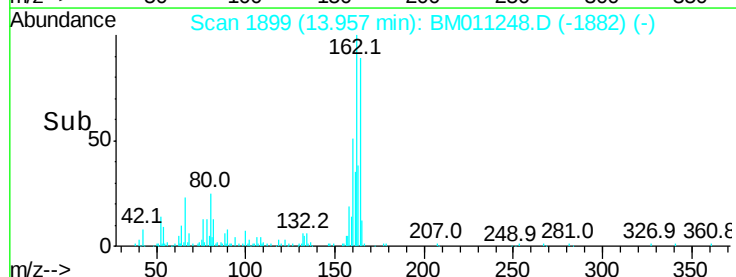
160 57.9 35.8 53.6#

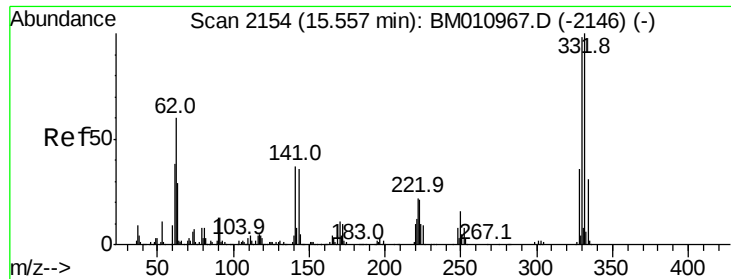


Abundance Ion 164.00 (163.70 to 164.70): BM011248.D (-1882) (-)

Ion 162.00 (161.70 to 162.70): BM011248.D (-1882) (-)

Ion 160.00 (159.70 to 160.70): BM011248.D (-1882) (-)

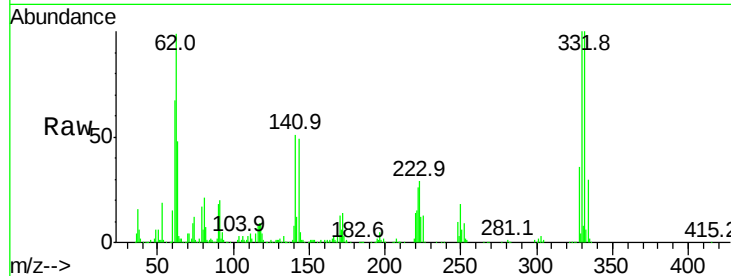




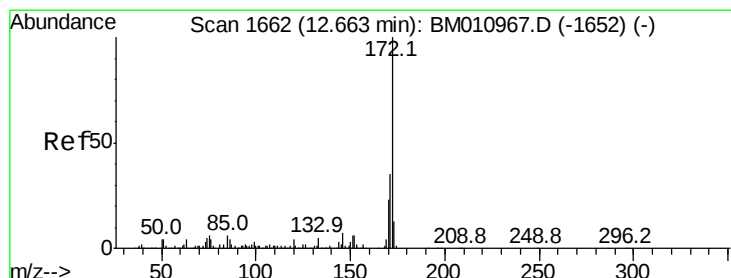
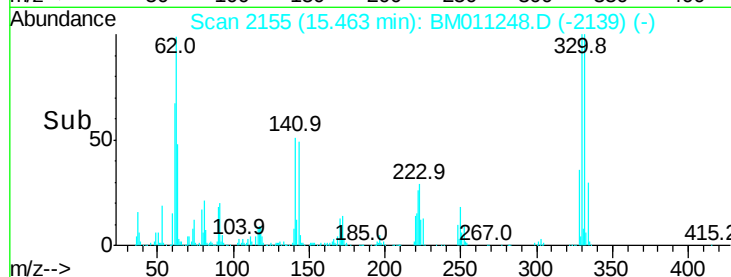
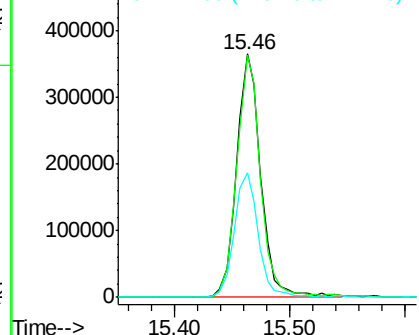
#41
 2,4,6-Tribromophenol
 Concen: 295.448 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM011248.D
 Acq: 16 Aug 2017 00:16

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

Tot Ion:330 Resp: 529268
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 51.0 0.0 0.0#

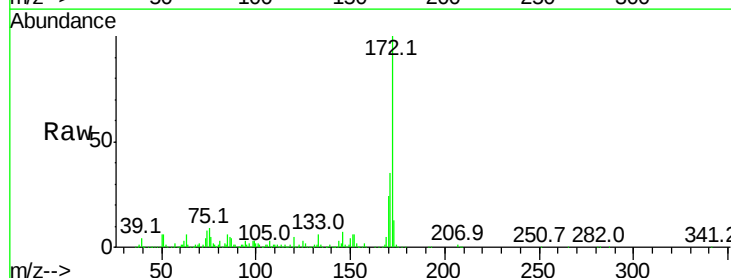


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

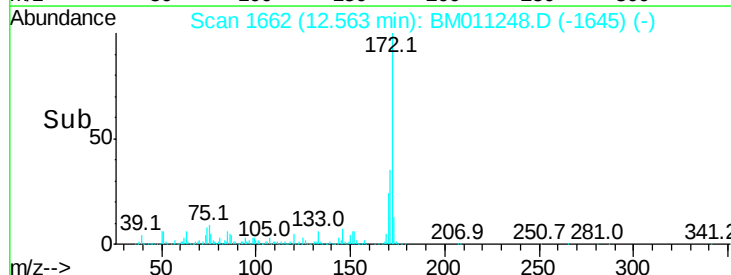
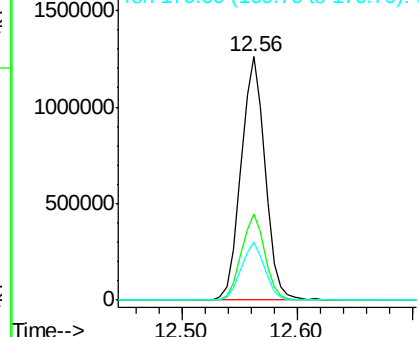


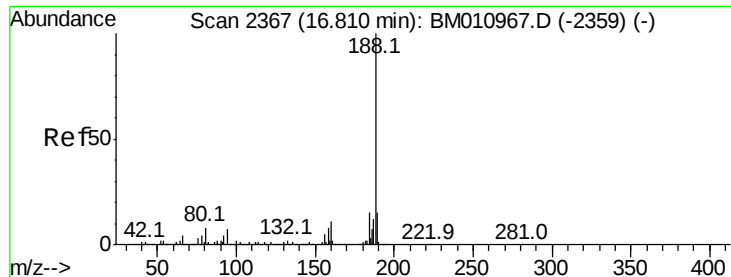
#44
 2-Fluorobiphenyl
 Concen: 204.576 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM011248.D
 Acq: 16 Aug 2017 00:16

Tgt Ion:172 Resp: 1823174
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.9 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

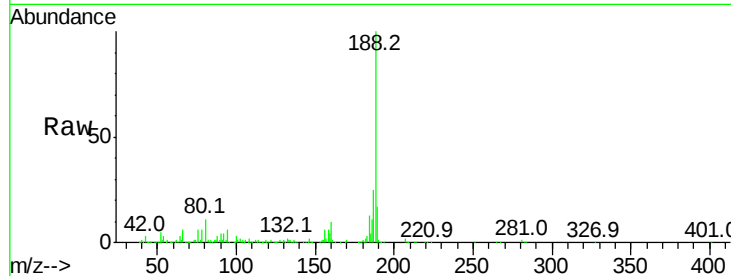




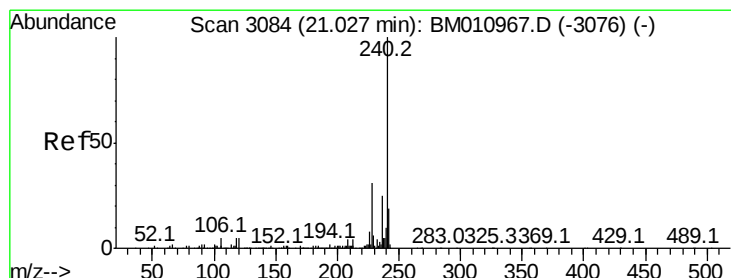
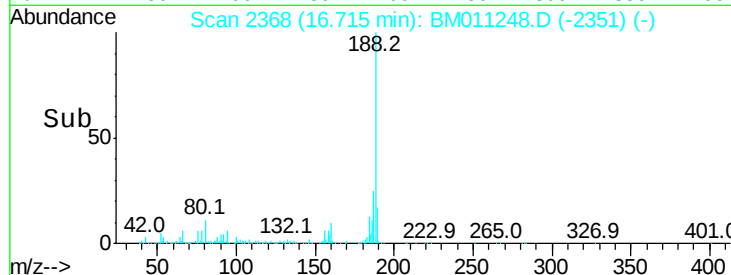
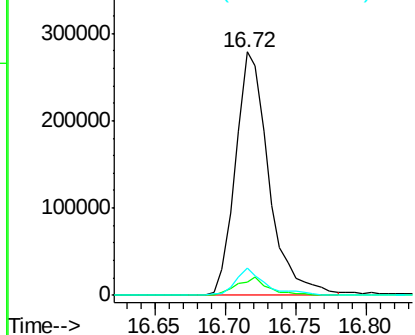
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BM011248.D
Acq: 16 Aug 2017 00:16

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

Tot Ion:188 Resp: 460398
Ion Ratio Lower Upper
188 100
94 5.6 8.7 13.1#
80 11.4 9.3 13.9

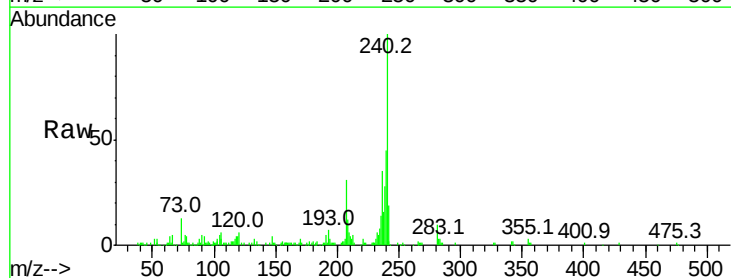


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

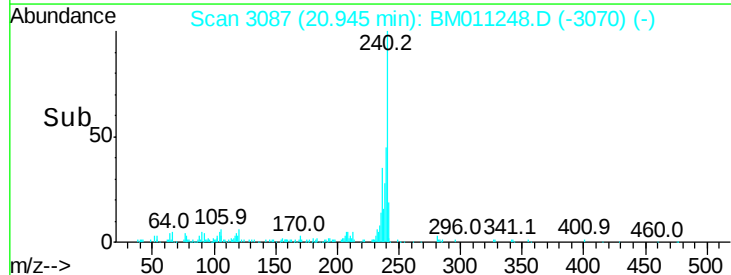
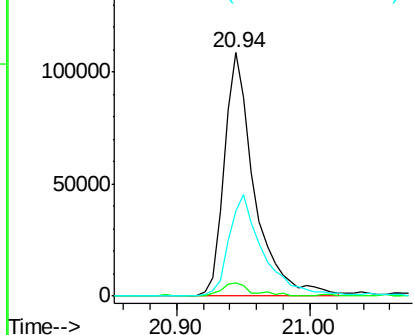


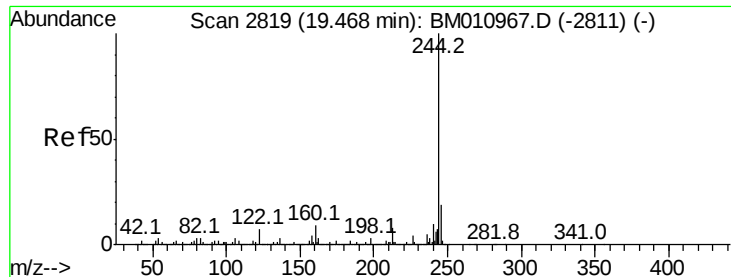
#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011248.D
Acq: 16 Aug 2017 00:16

Tgt Ion:240 Resp: 172551
Ion Ratio Lower Upper
240 100
120 5.5 8.2 12.2#
236 34.9 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: 241.967 ng

RT: 19.39 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52

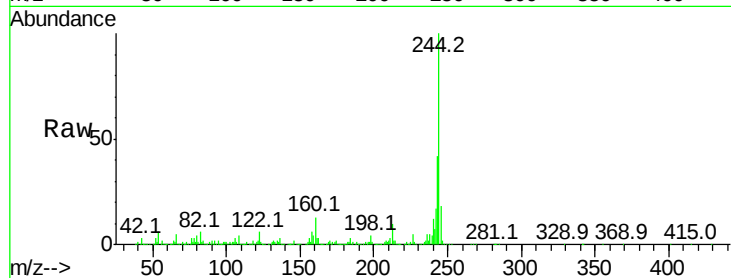
Tot Ion:244 Resp: 2107738

Ion Ratio Lower Upper

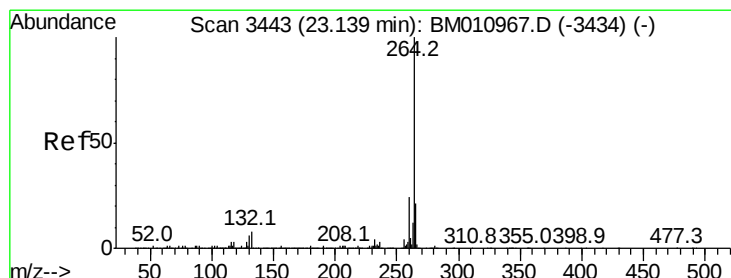
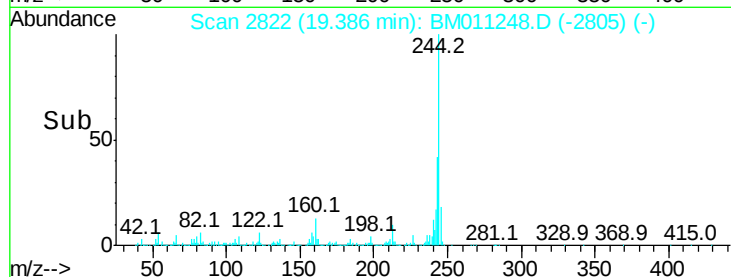
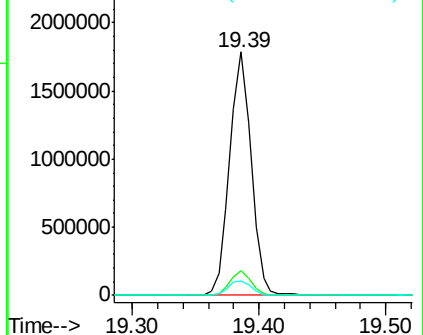
244 100

212 10.0 4.9 7.3#

122 6.2 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: 23.04 min Scan# 3443

Delta R.T. 0.02 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

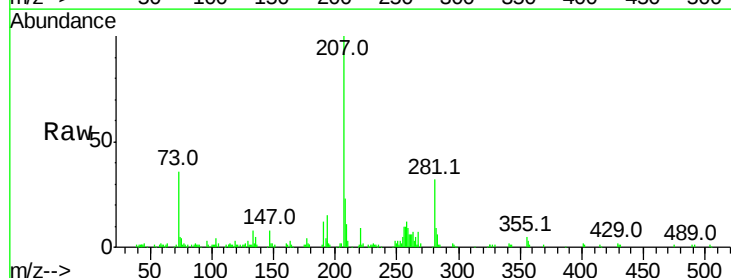
Tgt Ion:264 Resp: 6561

Ion Ratio Lower Upper

264 100

260 188.5 18.6 27.8#

265 157.0 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

