

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 00:57:49 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

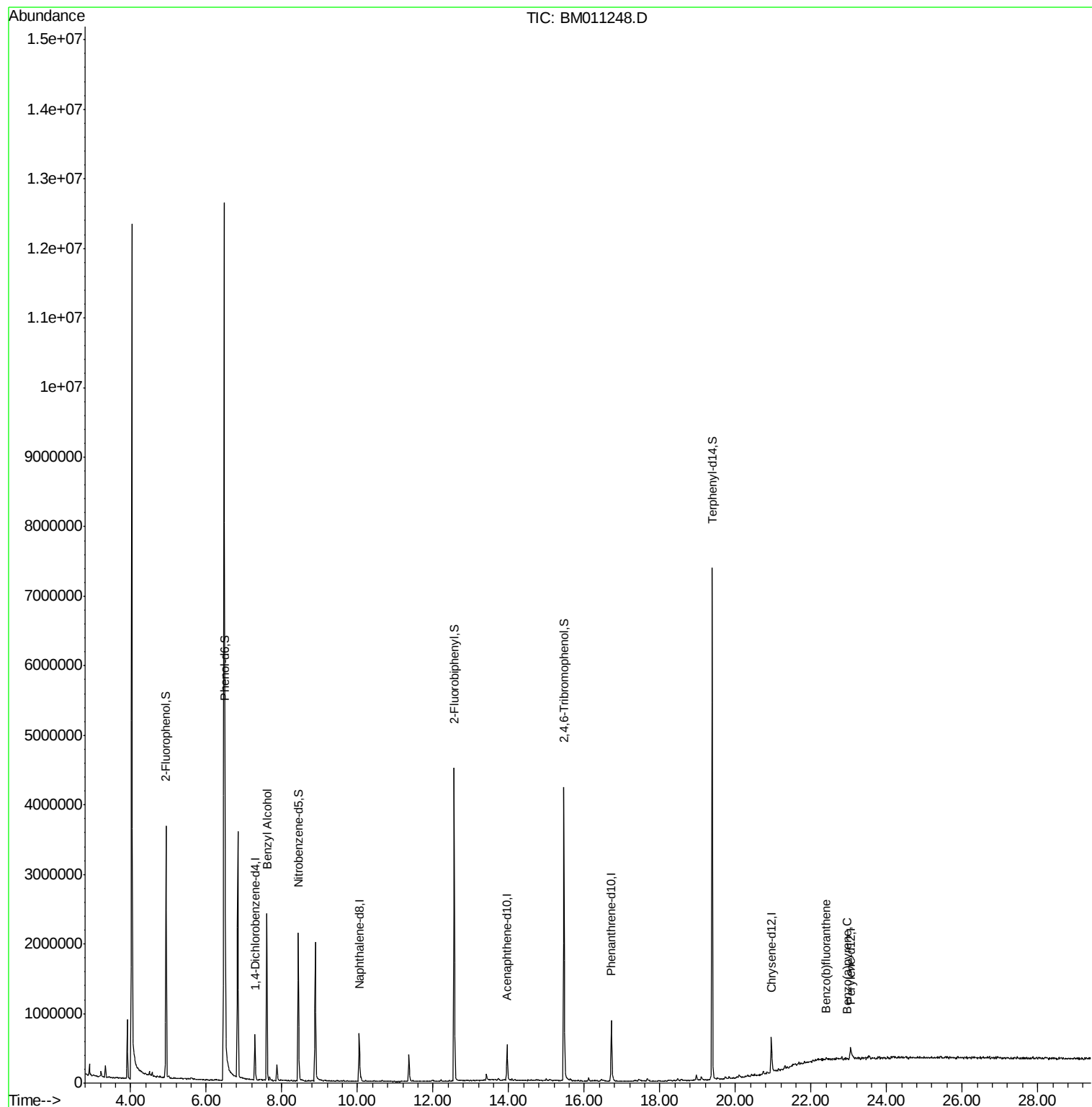
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	107410	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	366385	20.00	ng	-0.11
38) Acenaphthene-d10	13.96	164	108180	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	459424	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	166054	20.00	ng	-0.08
86) Perylene-d12	23.04	264	6561	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	897760	141.29	ng	-0.09
7) Phenol-d6	6.49	99	835015	92.49	ng	-0.10
23) Nitrobenzene-d5	8.44	82	1166352	119.48	ng	-0.10
41) 2,4,6-Tribromophenol	15.46	330	524016	302.22	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	1824193	211.48	ng	-0.10
78) Terphenyl-d14	19.39	244	2108817	251.56	ng	-0.08
Target Compounds						
15) Benzyl Alcohol	7.60	79	21564	2.49	ng	# 44
87) Benzo(b)fluoranthene	22.41	252	1171	2.78	ng	# 1
89) Benzo(a)pyrene	22.96	252	1069	2.81	ng	# 53

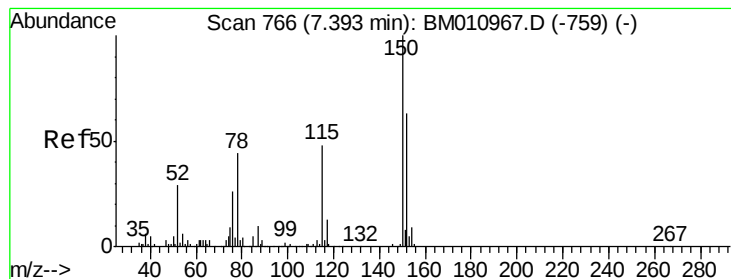
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 766

Delta R.T. -0.10 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52

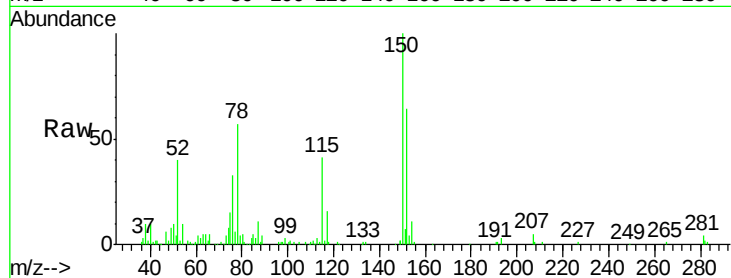
Tot Ion:152 Resp: 107410

Ion Ratio Lower Upper

152 100

150 156.4 119.5 179.3

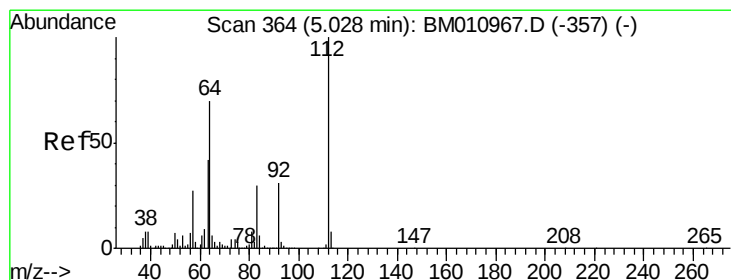
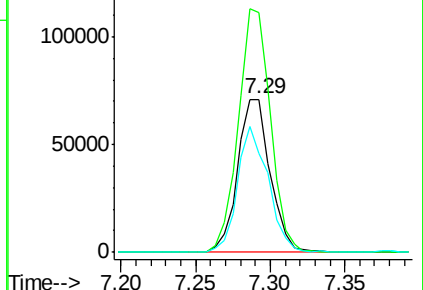
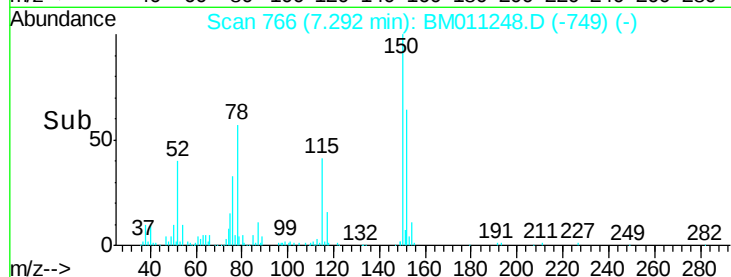
115 64.6 43.0 64.4#



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: 141.29 ng

RT: 4.93 min Scan# 365

Delta R.T. -0.09 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

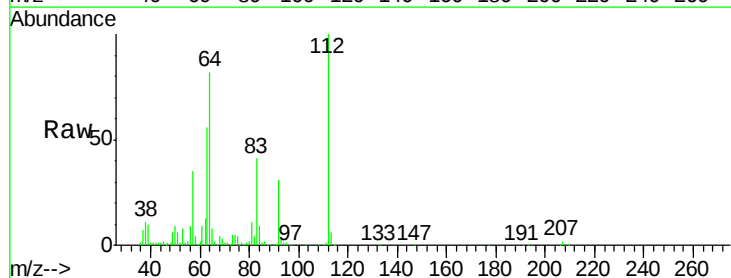
Tgt Ion:112 Resp: 897760

Ion Ratio Lower Upper

112 100

64 82.0 38.6 57.8#

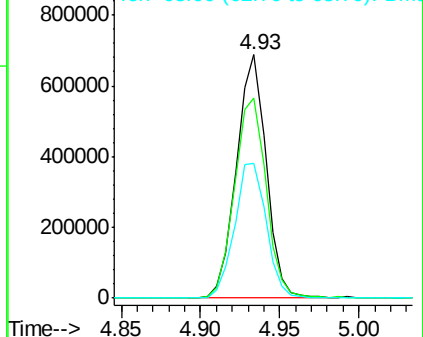
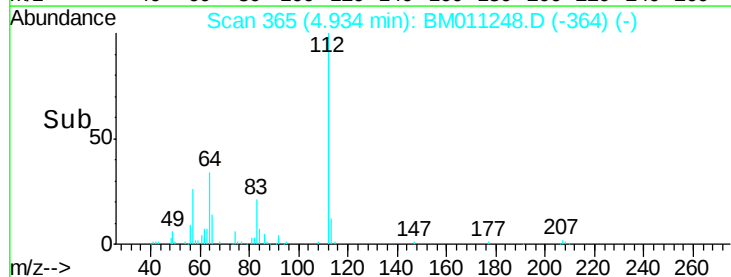
63 55.5 19.3 28.9#

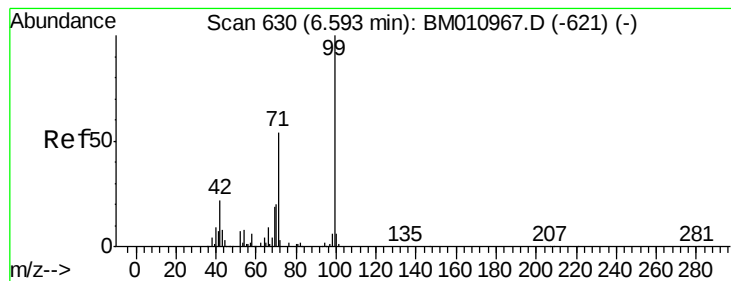


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 92.49 ng

RT: 6.49 min Scan# 630

Delta R.T. -0.10 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52

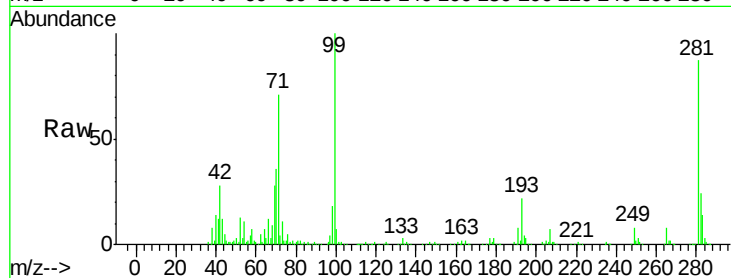
Tot Ion: 99 Resp: 835015

Ion Ratio Lower Upper

99 100

42 28.3 11.0 16.4#

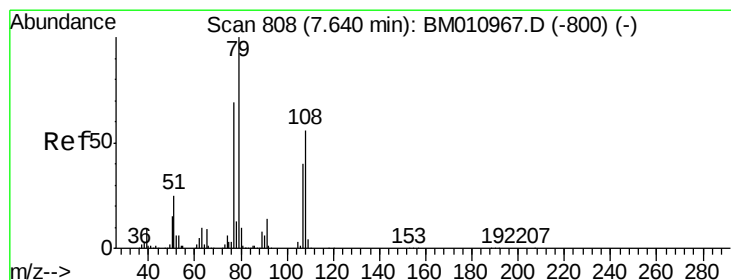
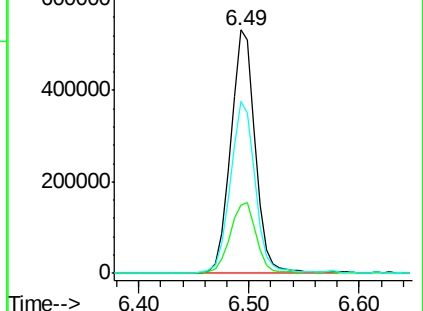
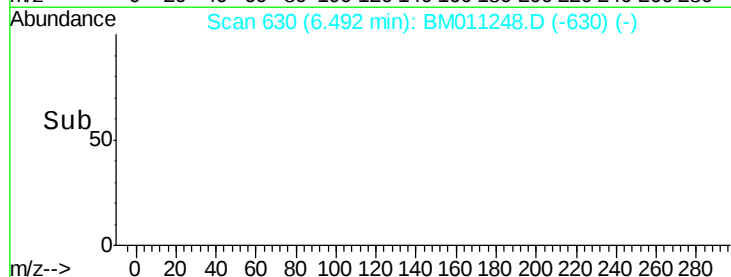
71 70.6 23.4 35.2#



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) (-)



#15

Benzyl Alcohol

Concen: 2.49 ng

RT: 7.60 min Scan# 819

Delta R.T. -0.04 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

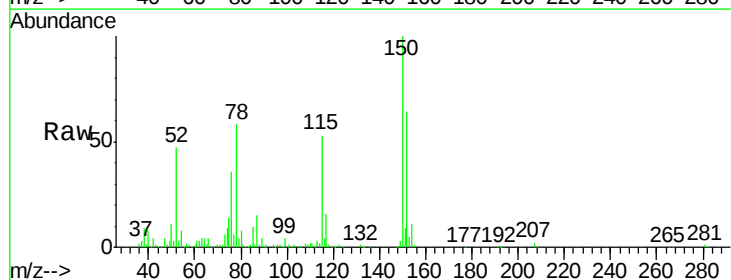
Tgt Ion: 79 Resp: 21564

Ion Ratio Lower Upper

79 100

108 63.3 65.0 97.4#

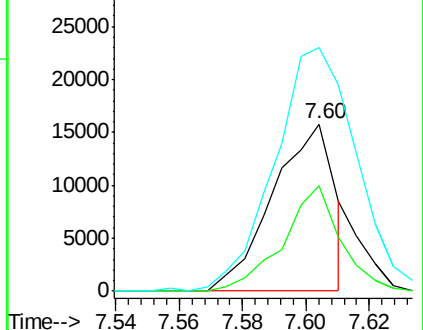
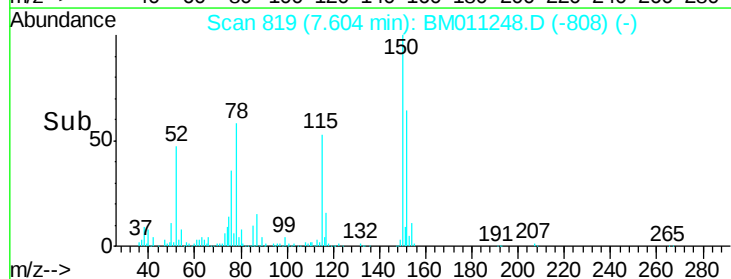
77 145.5 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM010967.D (-800) (-)

Ion 108.00 (107.70 to 108.70): BM010967.D (-800) (-)

Ion 77.00 (76.70 to 77.70): BM010967.D (-800) (-)

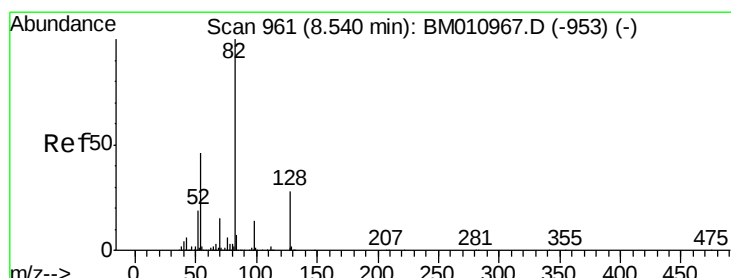
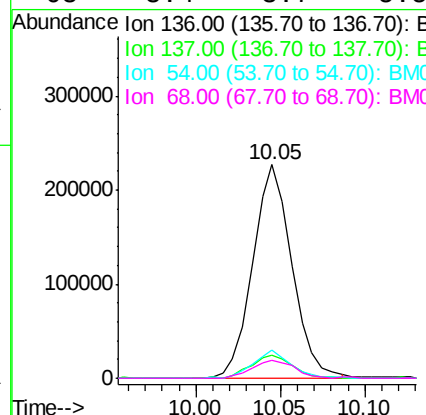
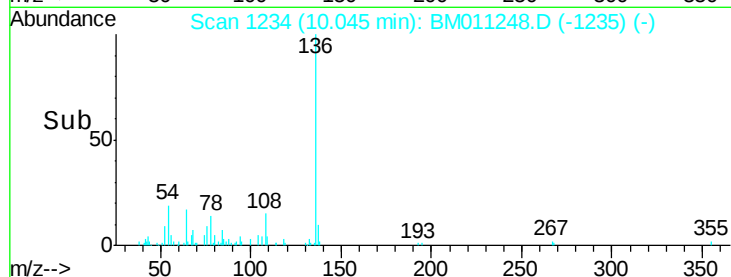
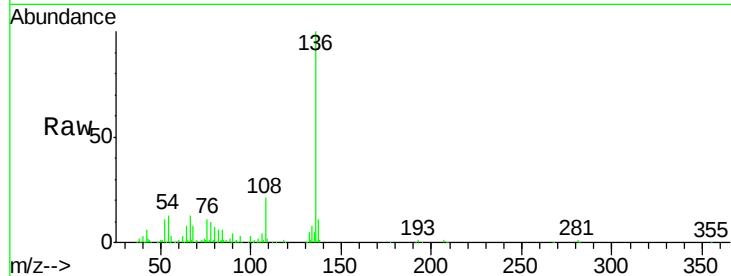




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.05 min Scan# 1234
Delta R.T. -0.11 min
Lab File: BM011248.D
Acq: 16 Aug 2017 00:16

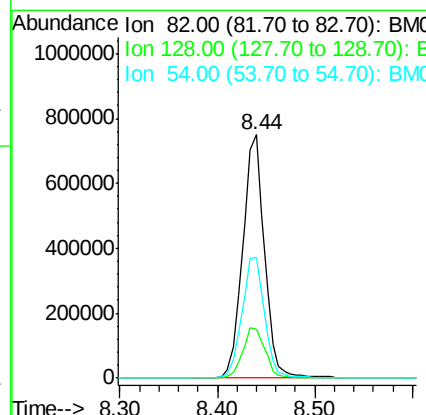
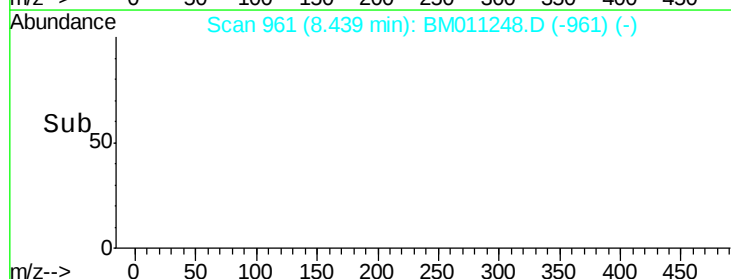
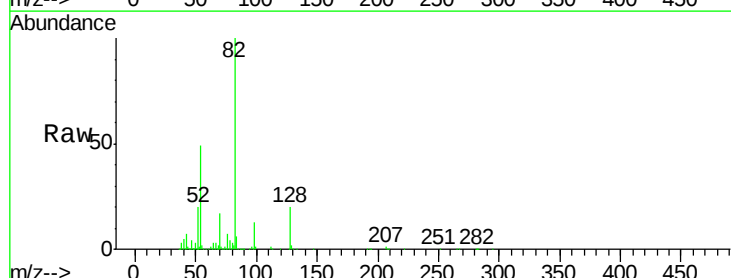
Instrument :
BNA_M
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W-137TH-SLUDGE-52

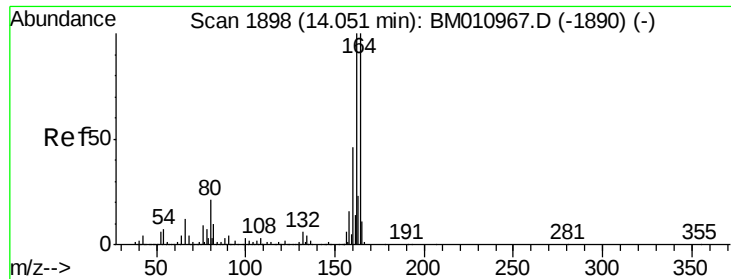
Tot Ion:	136	Resp:	366385
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	13.1	4.6	6.8#
68	8.4	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 119.48 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.10 min
Lab File: BM011248.D
Acq: 16 Aug 2017 00:16

Tgt Ion:	82	Resp:	1166352
Ion	Ratio	Lower	Upper
82	100		
128	19.9	32.8	49.2#
54	49.4	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 13.96 min Scan# 1899

Delta R.T. -0.09 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52

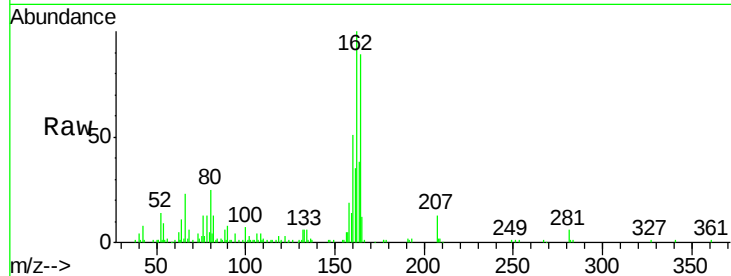
Tot Ion:164 Resp: 108180

Ion Ratio Lower Upper

164 100

162 112.7 82.4 123.6

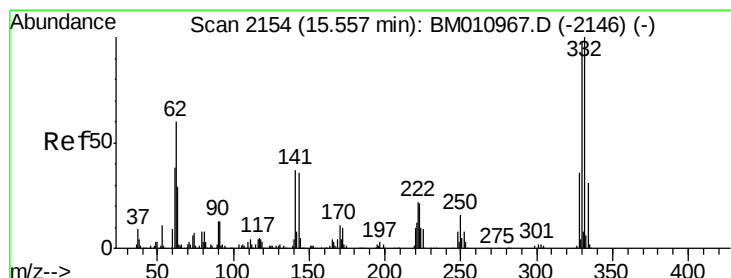
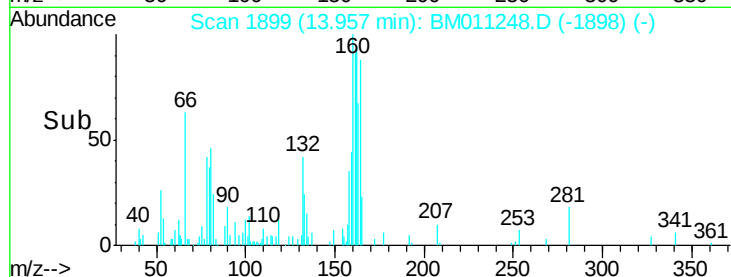
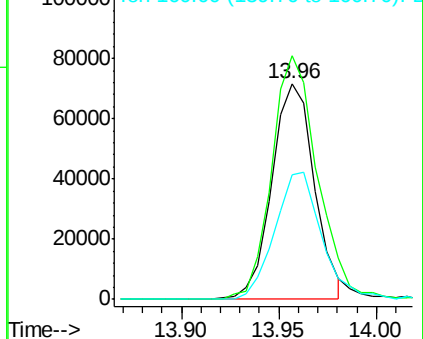
160 57.9 35.8 53.6#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 302.22 ng

RT: 15.46 min Scan# 2155

Delta R.T. -0.09 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

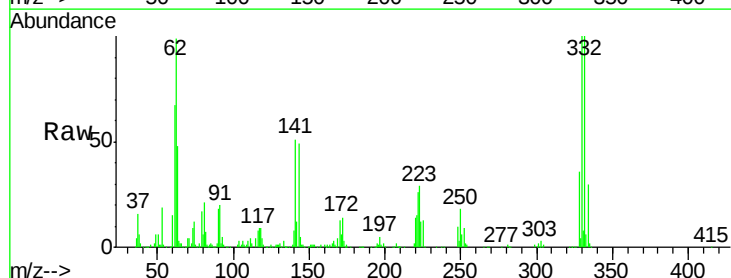
Tgt Ion:330 Resp: 524016

Ion Ratio Lower Upper

330 100

332 98.2 0.0 0.0#

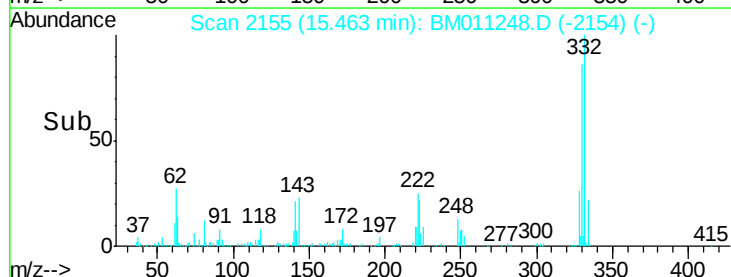
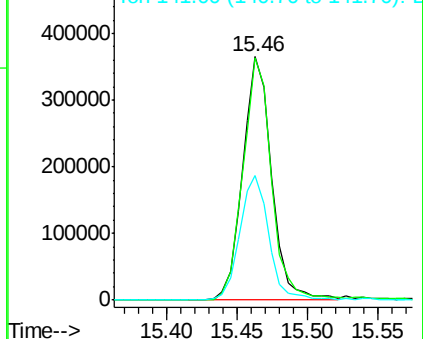
141 51.2 0.0 0.0#

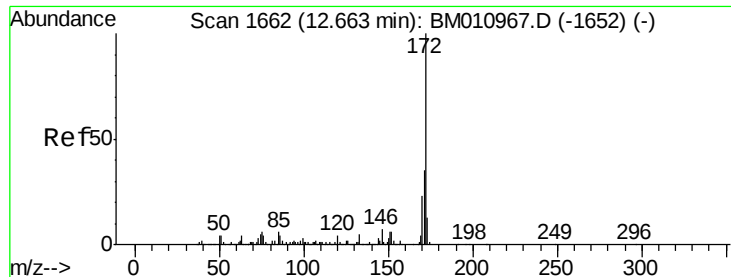


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



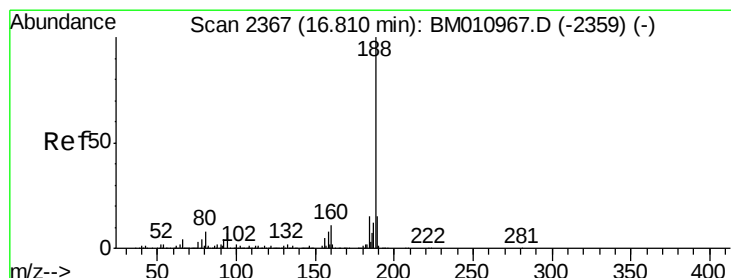
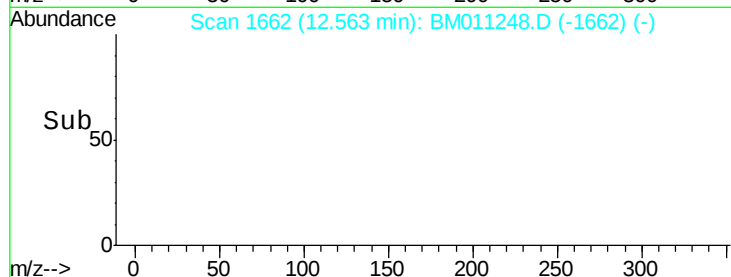
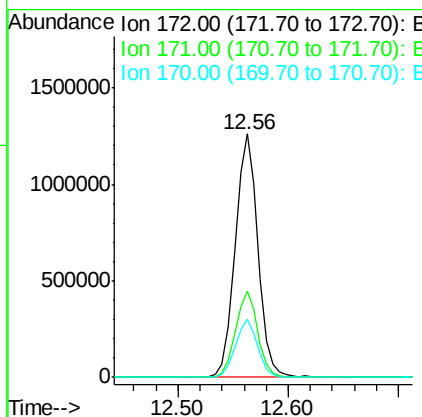
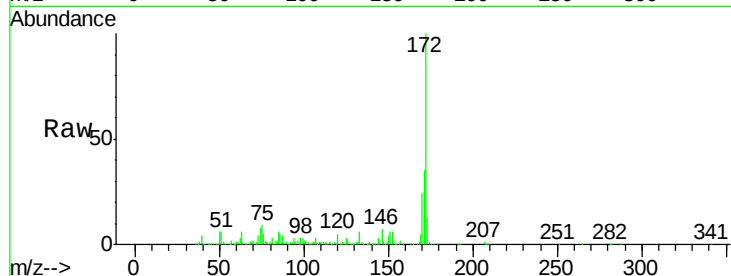


#44
 2-Fluorobiphenyl
 Concen: 211.48 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.10 min
 Lab File: BM011248.D
 Acq: 16 Aug 2017 00:16

Instrument :
 BNA_M
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 W-137TH-SLUDGE-52

Tot Ion:172 Resp: 1824193

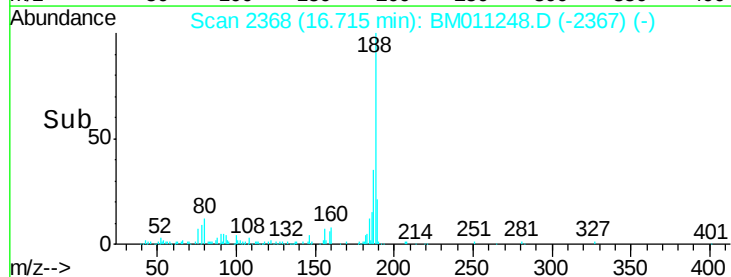
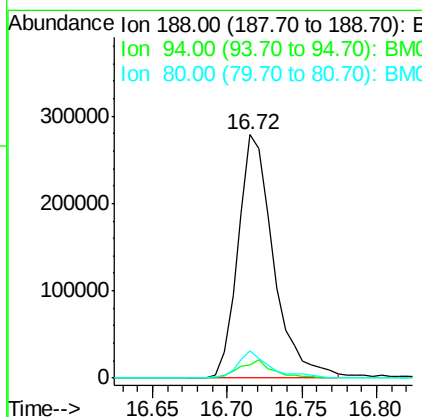
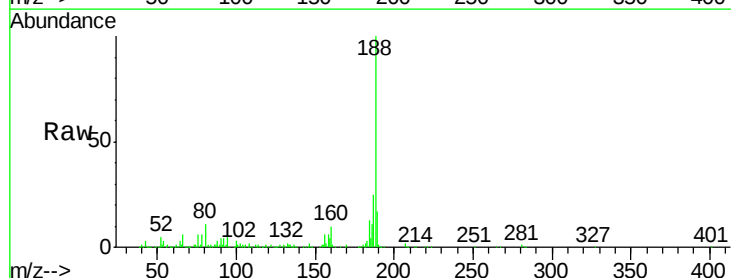
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.9	18.8	28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.72 min Scan# 2368
 Delta R.T. -0.09 min
 Lab File: BM011248.D
 Acq: 16 Aug 2017 00:16

Tgt Ion:188 Resp: 459424

Ion	Ratio	Lower	Upper
188	100		
94	5.6	8.7	13.1#
80	11.4	9.3	13.9

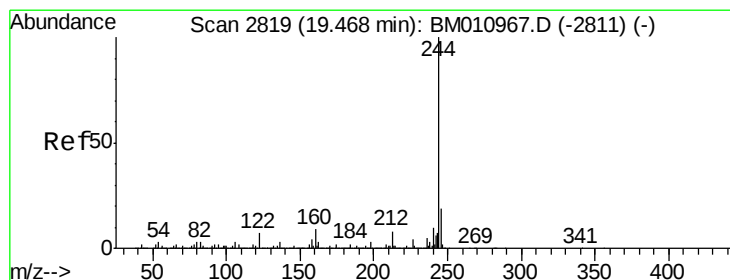
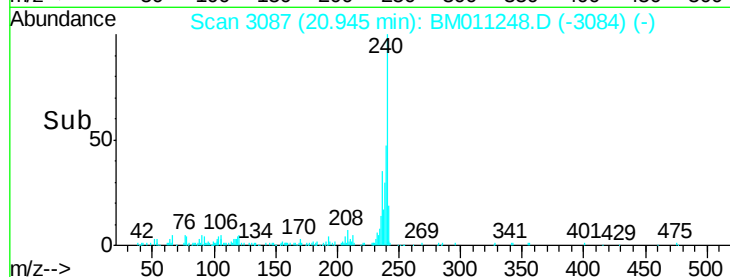
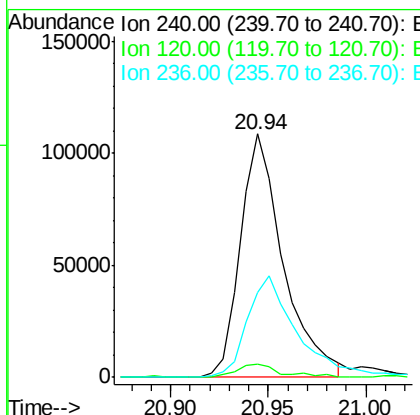
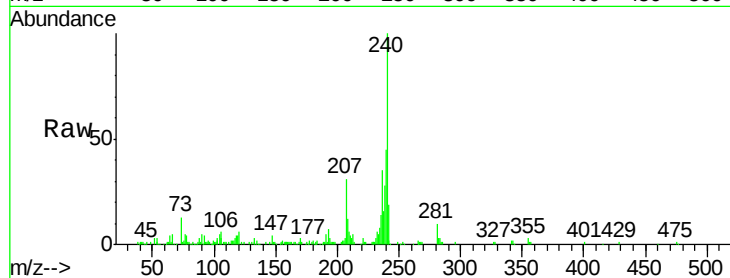




#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011248.D
Acq: 16 Aug 2017 00:16

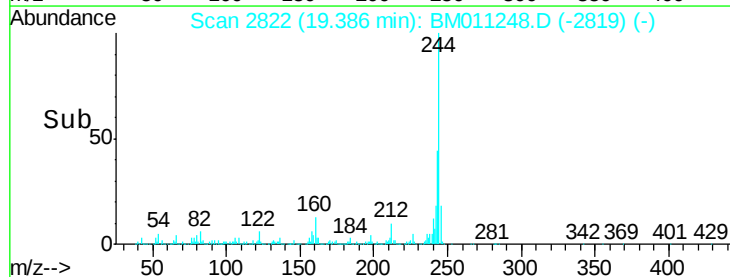
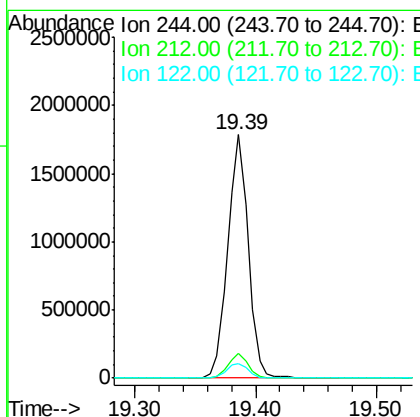
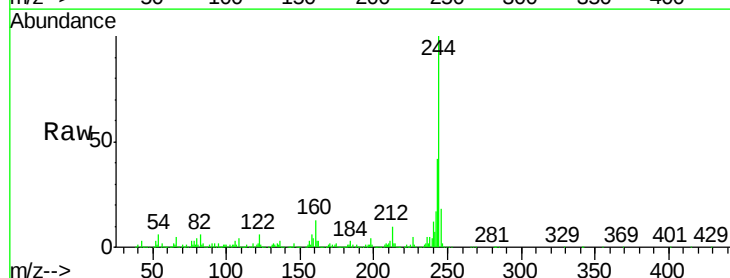
Instrument :
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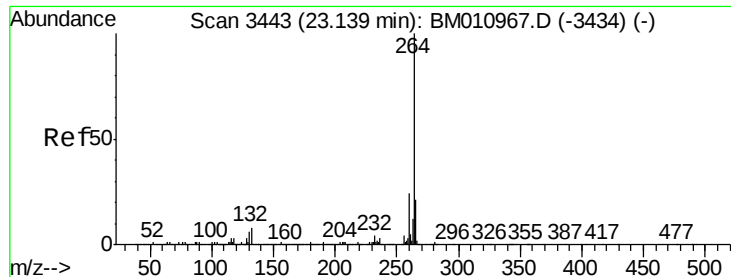
Tot Ion:240 Resp: 166054
Ion Ratio Lower Upper
240 100
120 5.5 8.2 12.2#
236 34.9 20.0 30.0#



#78
Terphenyl-d14
Concen: 251.56 ng
RT: 19.39 min Scan# 2822
Delta R.T. -0.08 min
Lab File: BM011248.D
Acq: 16 Aug 2017 00:16

Tgt Ion:244 Resp: 2108817
Ion Ratio Lower Upper
244 100
212 10.0 4.9 7.3#
122 6.2 6.2 9.4#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.04 min Scan# 3443

Delta R.T. -0.10 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52

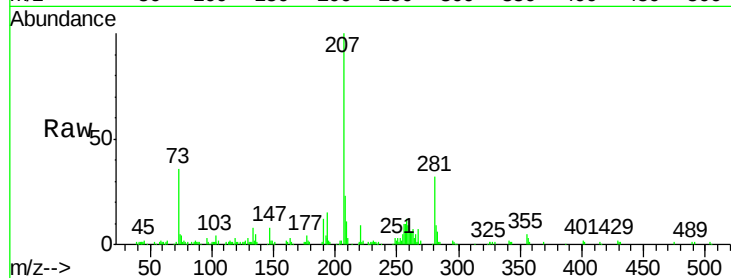
Tot Ion:264 Resp: 6561

Ion Ratio Lower Upper

264 100

260 188.5 18.6 27.8#

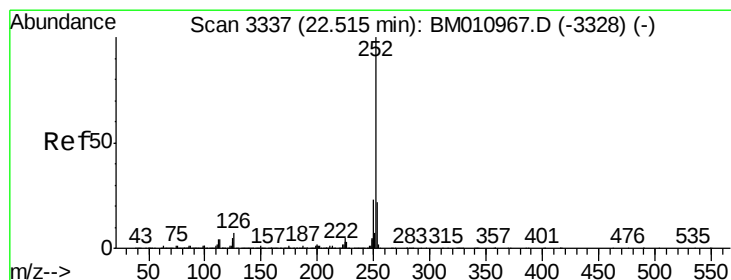
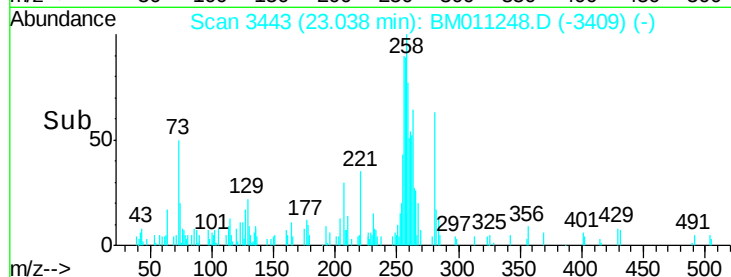
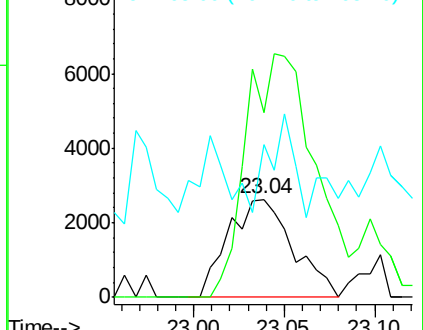
265 157.0 17.3 25.9#



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



#87

Benzo(b)fluoranthene

Concen: 2.78 ng

RT: 22.41 min Scan# 3336

Delta R.T. -0.11 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

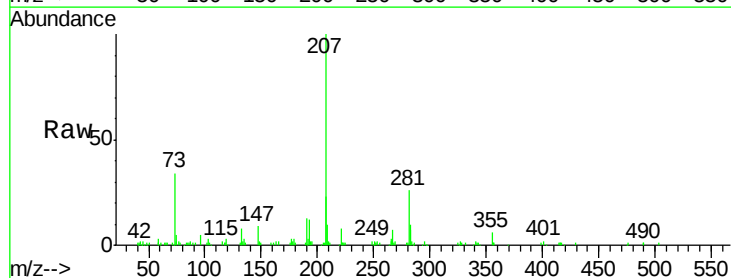
Tgt Ion:252 Resp: 1171

Ion Ratio Lower Upper

252 100

253 169.5 18.0 27.0#

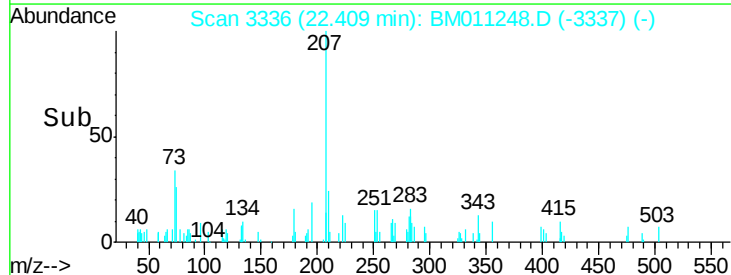
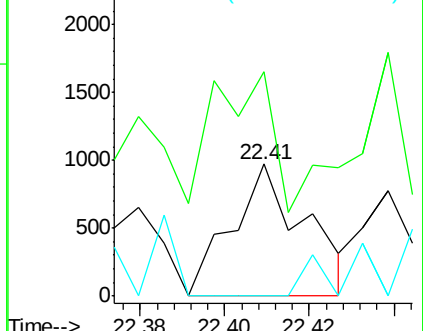
125 0.0 9.9 14.9#

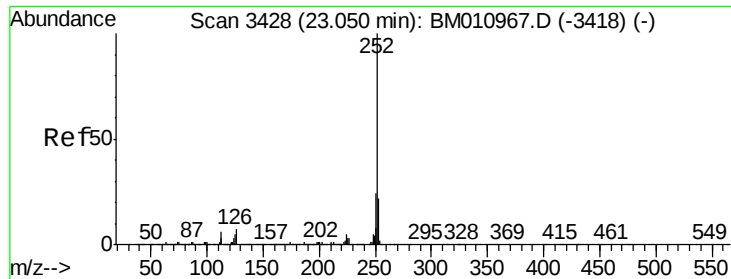


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.81 ng

RT: 22.96 min Scan# 3430

Delta R.T. -0.09 min

Lab File: BM011248.D

Acq: 16 Aug 2017 00:16

Instrument :

BNA_M

ClientSampleId :

W-137TH-SLUDGE-52

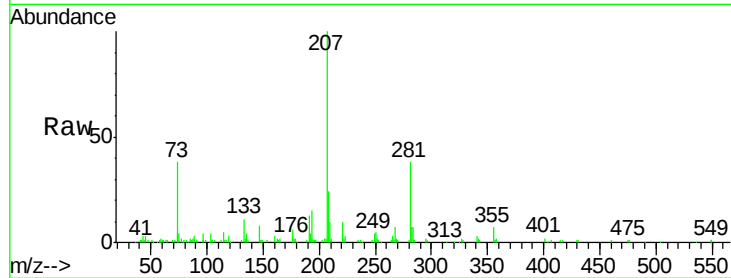
Tot Ion: 252 Resp: 1069

Ion Ratio Lower Upper

252 100

253 48.5 17.6 26.4#

125 0.0 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

