

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
 Data File : BM011074.D
 Acq On : 31 Jul 2017 18:55
 Operator : SJ/JU
 Sample : I4445-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 01 01:17:54 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

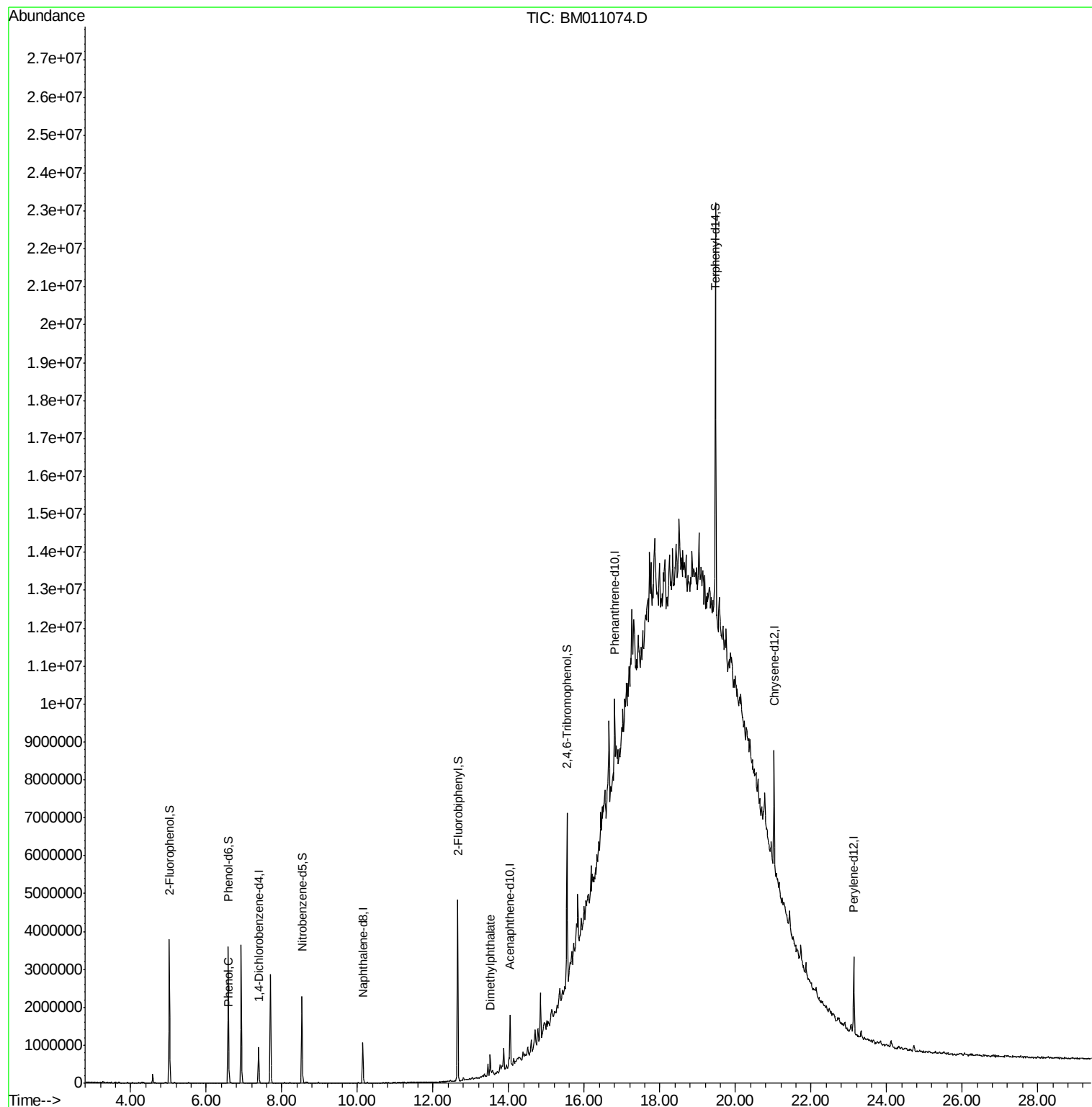
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	179541	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	635799	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	375071	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1072052	20.00	ng	0.00
75) Chrysene-d12	21.03	240	1444247	20.00	ng	0.00
86) Perylene-d12	23.13	264	1344807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	1052355	99.08	ng	0.00
7) Phenol-d6	6.58	99	1449151	96.03	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1244056	73.44	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	585923	97.47	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2006364	67.09	ng	-0.01
78) Terphenyl-d14	19.47	244	4042888	55.45	ng	0.00
Target Compounds						
10) Phenol	6.60	94	56594	3.45	ng	# 72
49) Dimethylphthalate	13.51	163	253449	7.90	ng	# 97

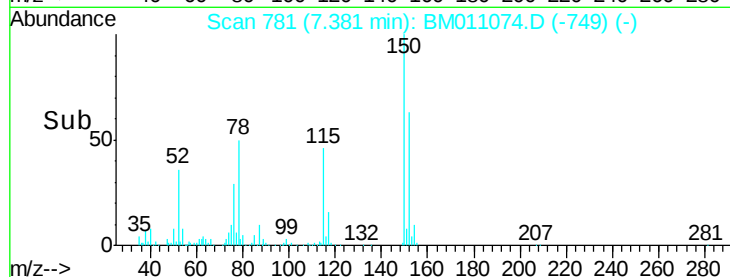
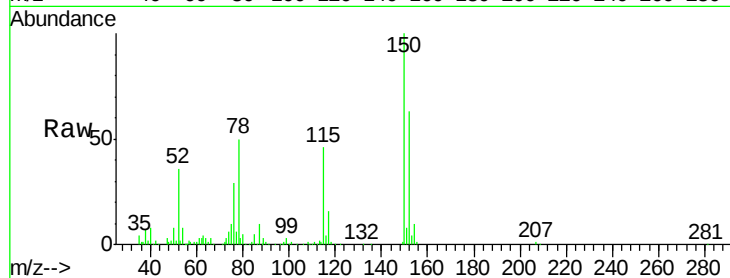
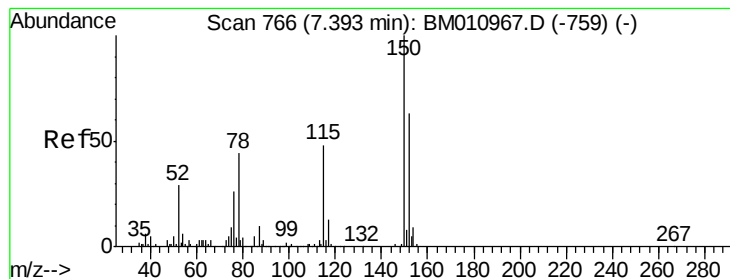
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.38 min Scan# 781

Delta R.T. -0.01 min

Lab File: BM011074.D

Acq: 31 Jul 2017 18:55

Instrument :

BNA_M

ClientSampleId :

BLC-IP-OILY-ROCKS-SAND

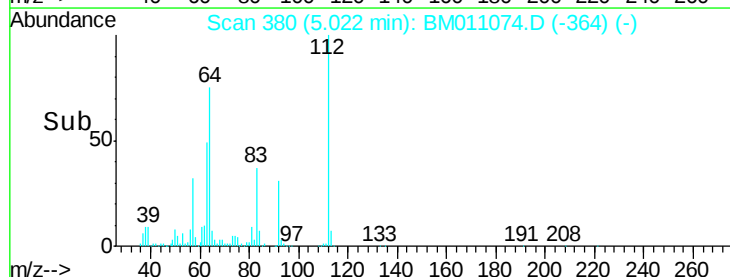
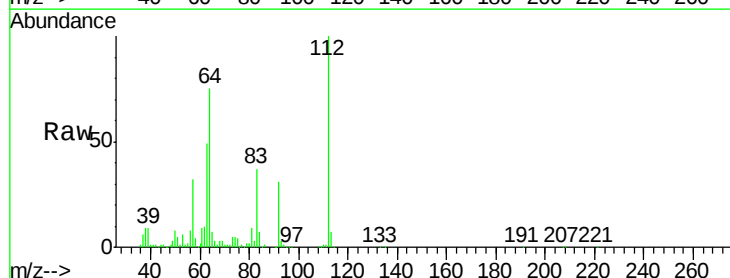
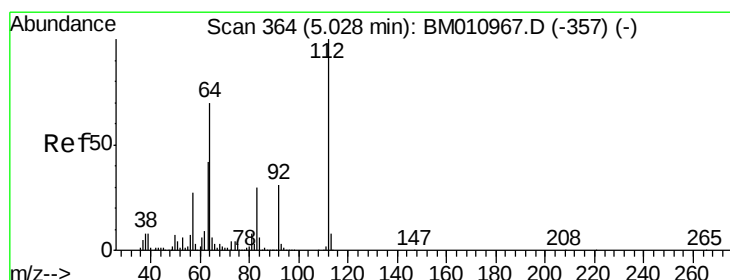
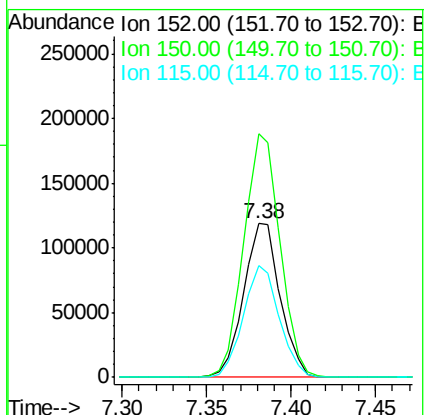
Tot Ion:152 Resp: 179541

Ion Ratio Lower Upper

152 100

150 158.2 119.5 179.3

115 72.7 43.0 64.4#



#5

2-Fluorophenol

Concen: 99.08 ng

RT: 5.02 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM011074.D

Acq: 31 Jul 2017 18:55

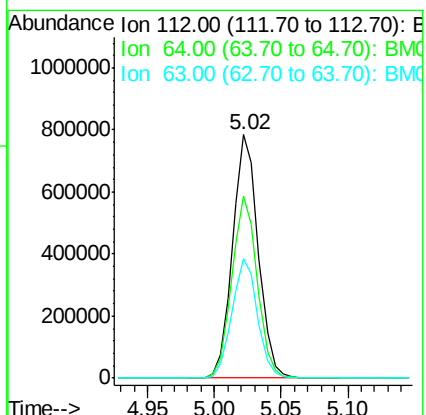
Tgt Ion:112 Resp: 1052355

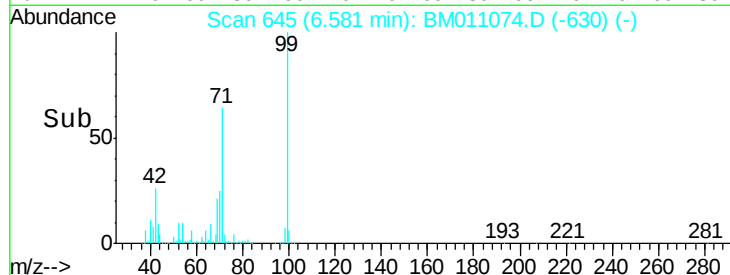
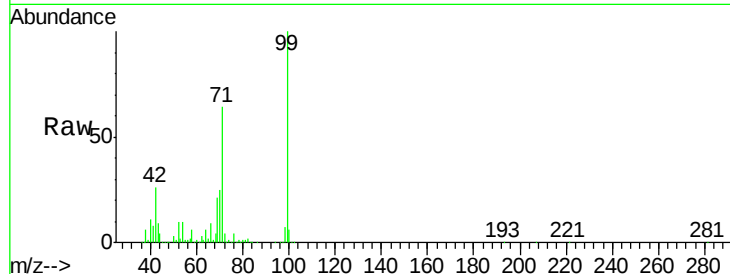
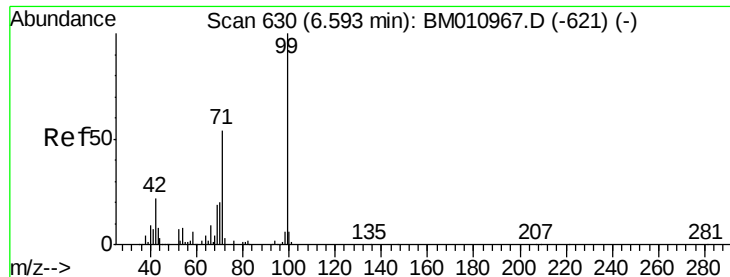
Ion Ratio Lower Upper

112 100

64 75.0 38.6 57.8#

63 48.9 19.3 28.9#





#7

Phenol-d6

Concen: 96.03 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011074.D

Acq: 31 Jul 2017 18:55

Instrument :

BNA_M

ClientSampleId :

BLC-IP-OILY-ROCKS-SAND

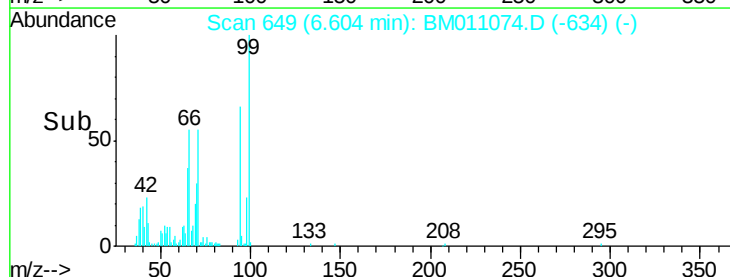
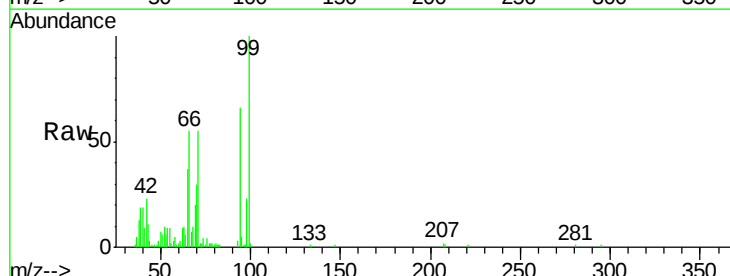
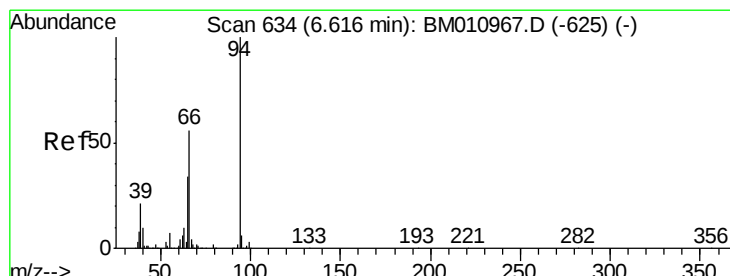
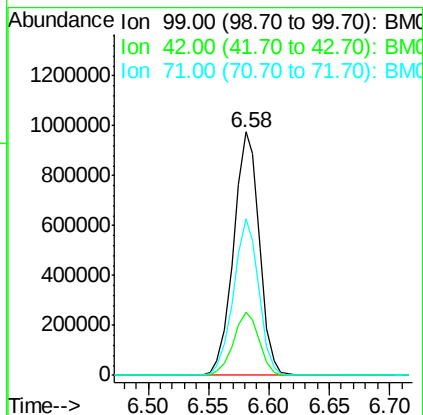
Tot Ion: 99 Resp: 1449151

Ion Ratio Lower Upper

99 100

42 25.9 11.0 16.4#

71 64.3 23.4 35.2#



#10

Phenol

Concen: 3.45 ng

RT: 6.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM011074.D

Acq: 31 Jul 2017 18:55

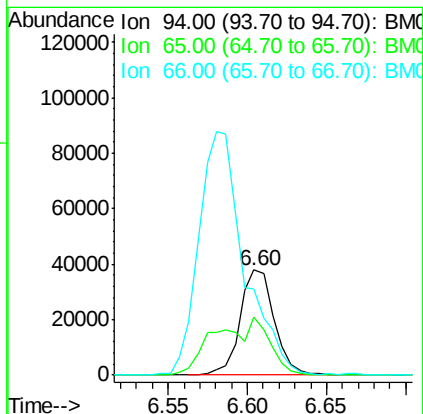
Tgt Ion: 94 Resp: 56594

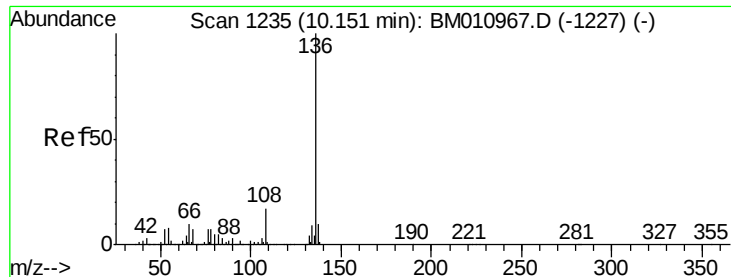
Ion Ratio Lower Upper

94 100

65 55.0 18.8 58.8

66 82.2 39.9 79.9#

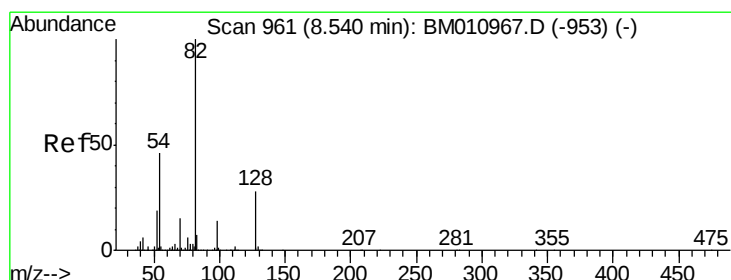
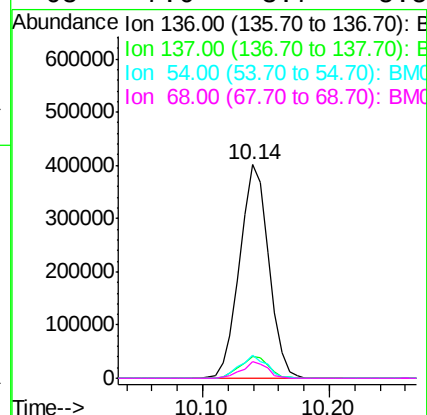
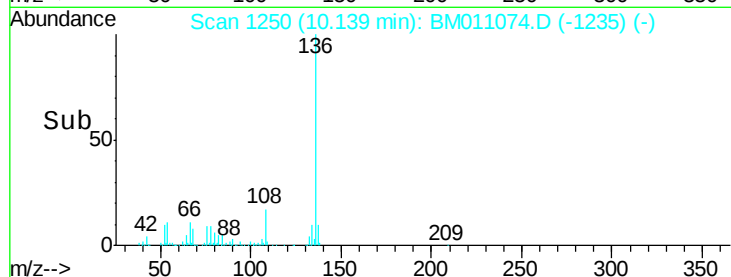
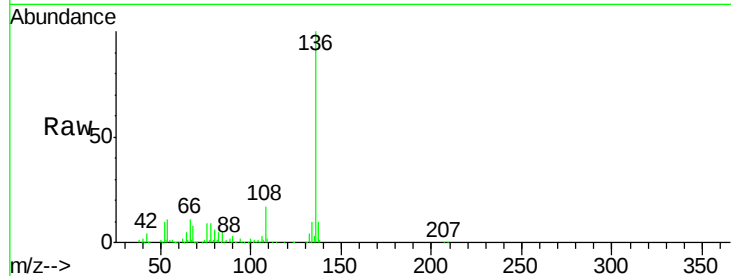




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011074.D
Acq: 31 Jul 2017 18:55

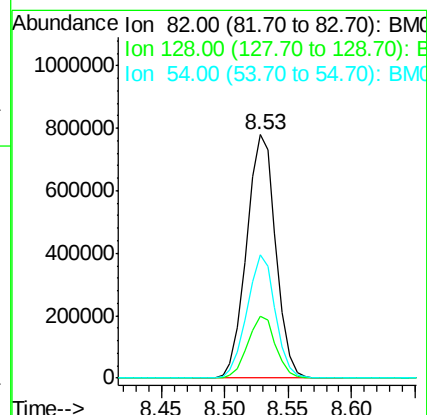
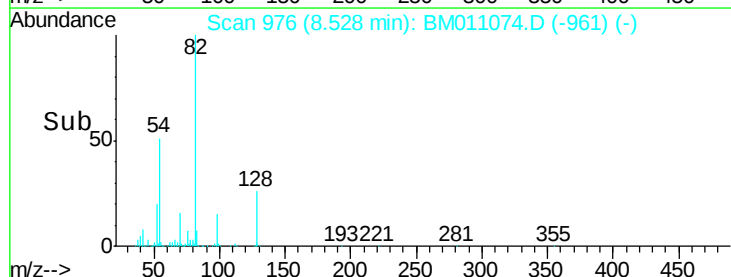
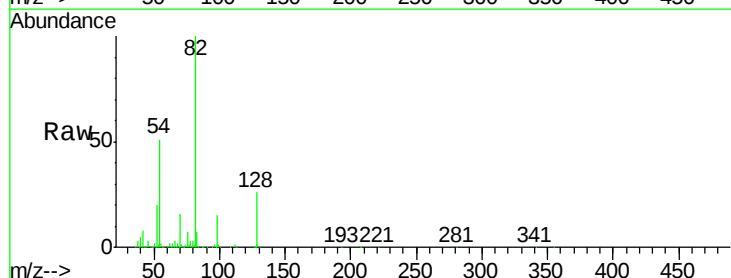
Instrument :
BNA_M
ClientSampleId :
BLC-IP-OILY-ROCKS-SAND

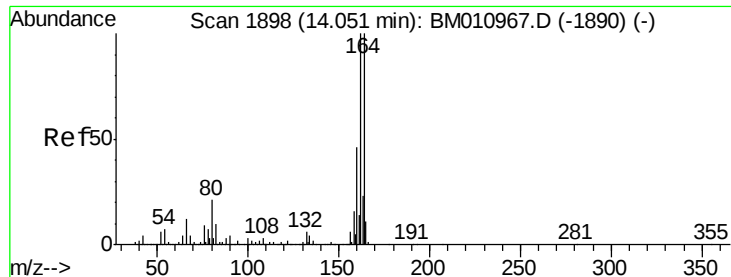
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	10.9	4.6	6.8#
68	7.6	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 73.44 ng
RT: 8.53 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM011074.D
Acq: 31 Jul 2017 18:55

Tgt Ion	Ratio	Lower	Upper
82	100		
128	25.5	32.8	49.2#
54	50.6	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011074.D

Acq: 31 Jul 2017 18:55

Instrument :

BNA_M

ClientSampleId :

BLC-IP-OILY-ROCKS-SAND

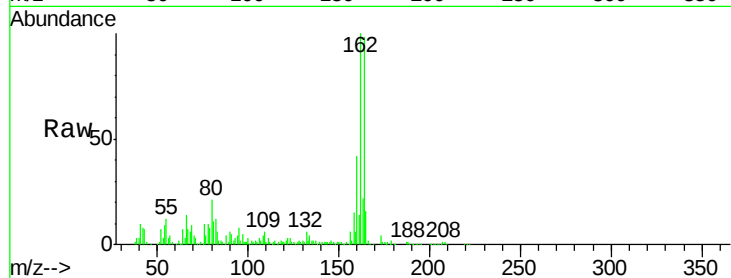
Tot Ion:164 Resp: 375071

Ion Ratio Lower Upper

164 100

162 101.5 82.4 123.6

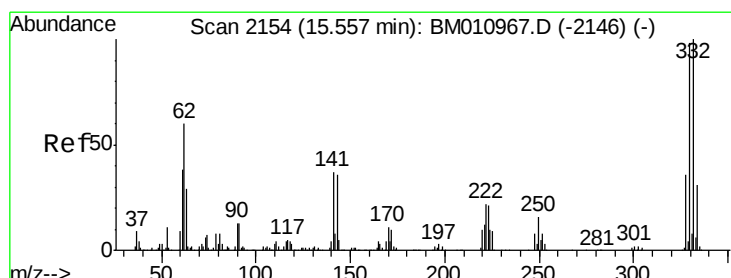
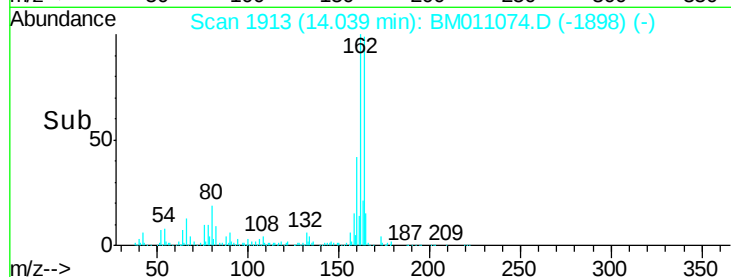
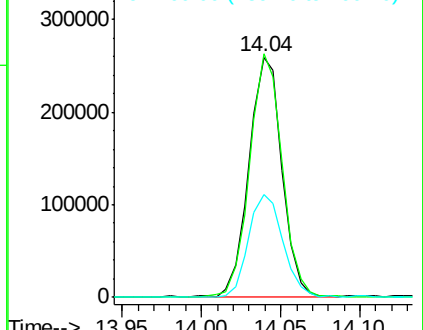
160 42.6 35.8 53.6



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: 97.47 ng

RT: 15.54 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BM011074.D

Acq: 31 Jul 2017 18:55

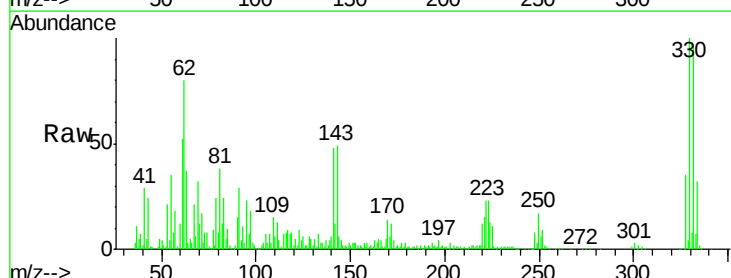
Tgt Ion:330 Resp: 585923

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

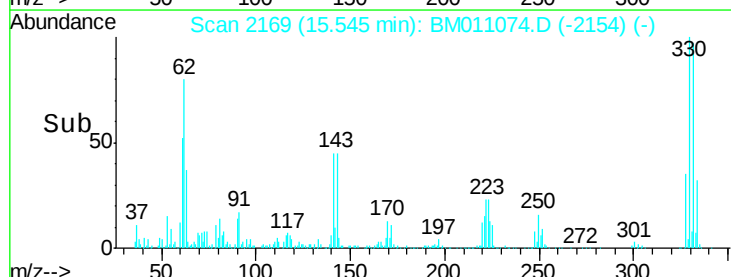
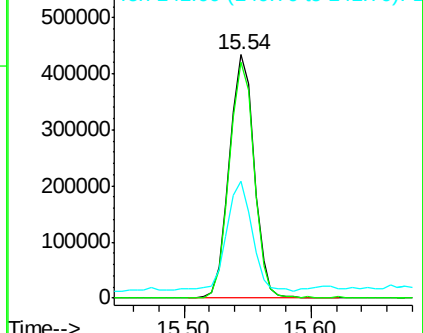
141 46.4 0.0 0.0#

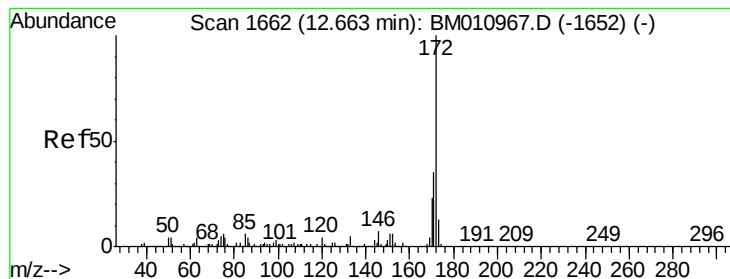


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



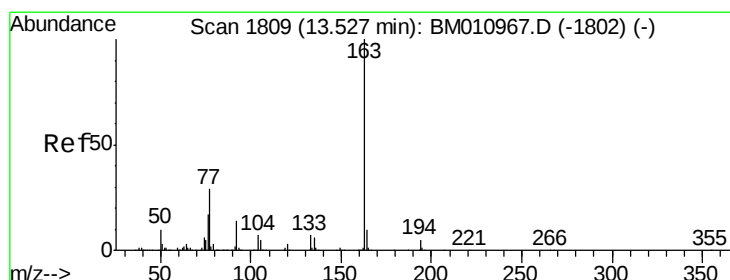
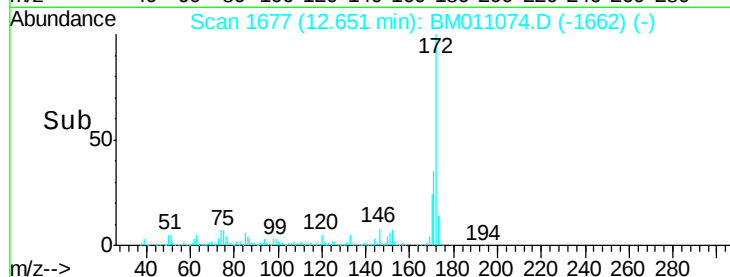
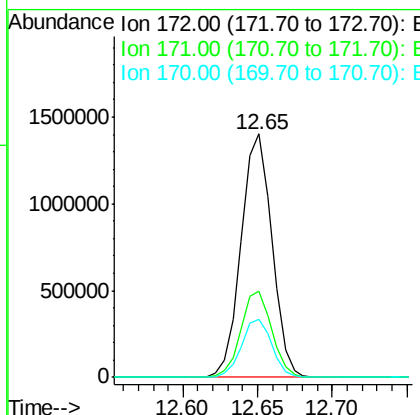
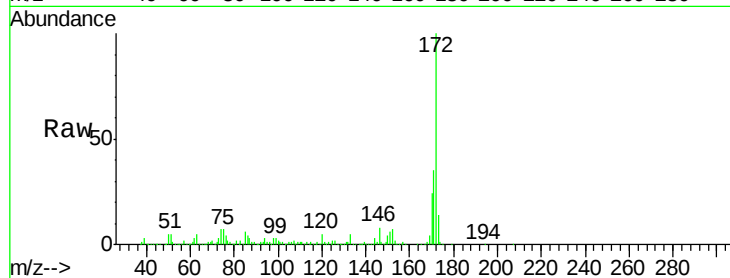


#44
 2-Fluorobiphenyl
 Concen: 67.09 ng
 RT: 12.65 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM011074.D
 Acq: 31 Jul 2017 18:55

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

Tot Ion:172 Resp: 2006364

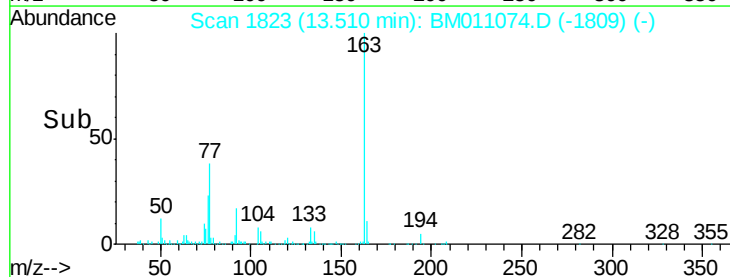
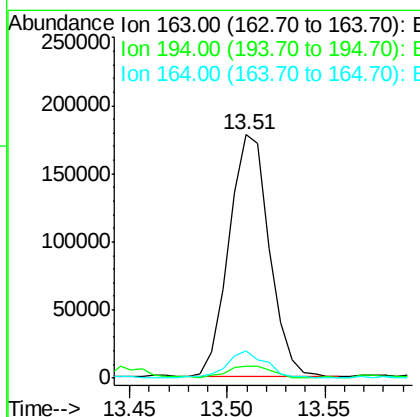
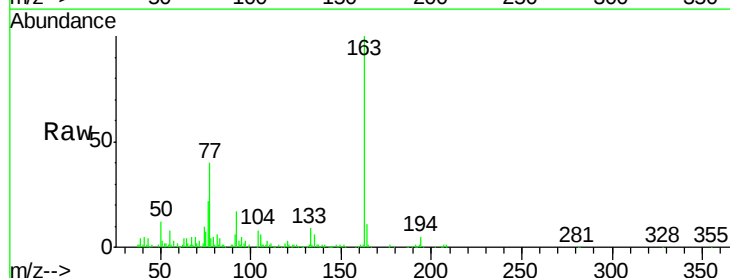
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.7	18.8	28.2

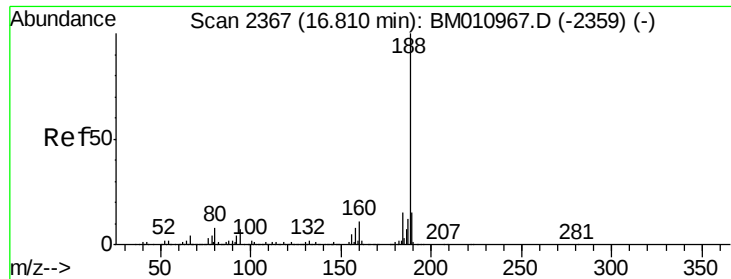


#49
 Dimethylphthalate
 Concen: 7.90 ng
 RT: 13.51 min Scan# 1823
 Delta R.T. -0.02 min
 Lab File: BM011074.D
 Acq: 31 Jul 2017 18:55

Tgt Ion:163 Resp: 253449

Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	11.0	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.80 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM011074.D

Acq: 31 Jul 2017 18:55

Instrument :

BNA_M

ClientSampleId :

BLC-IP-OILY-ROCKS-SAND

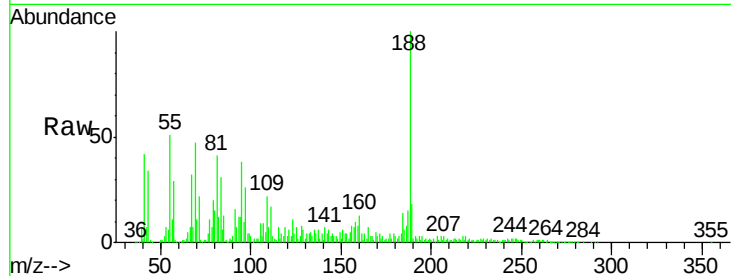
Tot Ion:188 Resp: 1072052

Ion Ratio Lower Upper

188 100

94 12.2 8.7 13.1

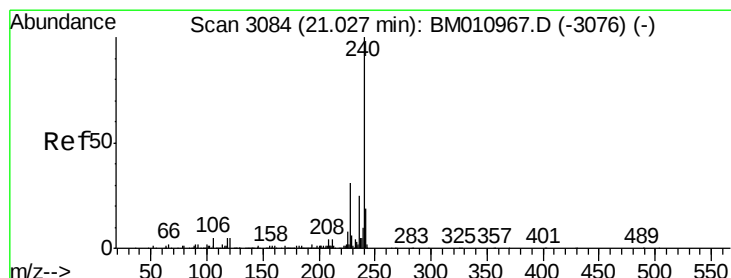
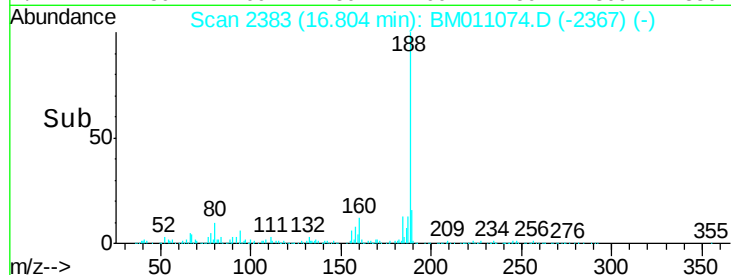
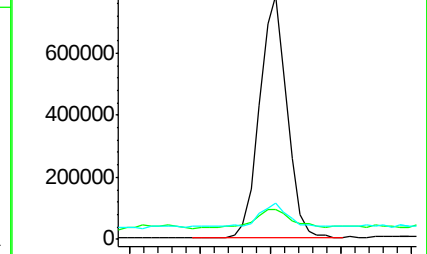
80 14.7 9.3 13.9#



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: 20.00 ng

RT: 21.03 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM011074.D

Acq: 31 Jul 2017 18:55

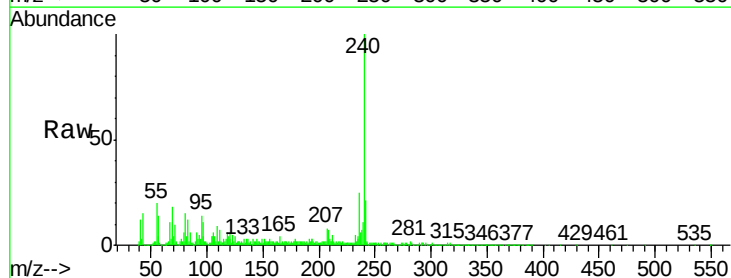
Tgt Ion:240 Resp: 1444247

Ion Ratio Lower Upper

240 100

120 5.7 8.2 12.2#

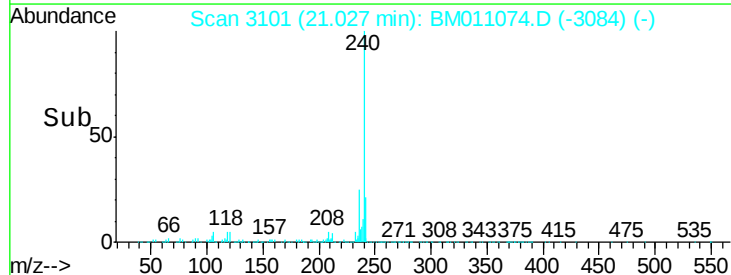
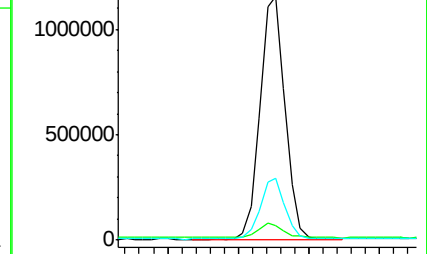
236 25.2 20.0 30.0

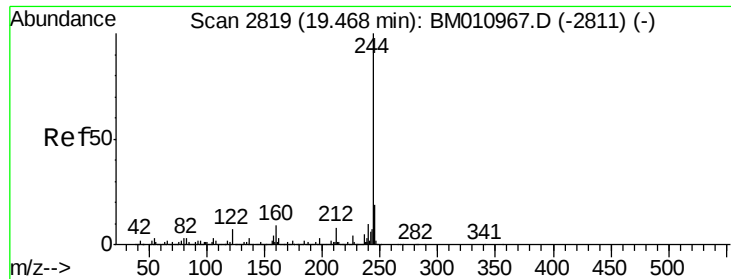


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.45 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM011074.D

Acq: 31 Jul 2017 18:55

Instrument :

BNA_M

ClientSampleId :

BLC-IP-OILY-ROCKS-SAND

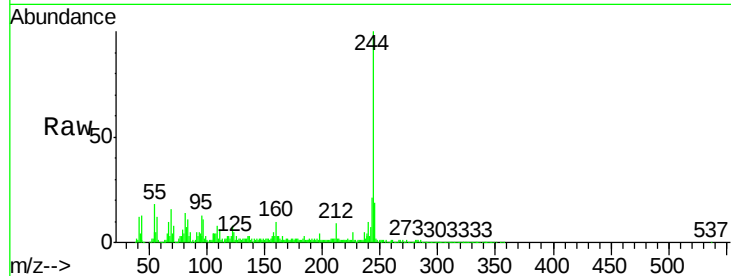
Tot Ion:244 Resp: 4042888

Ion Ratio Lower Upper

244 100

212 8.8 4.9 7.3#

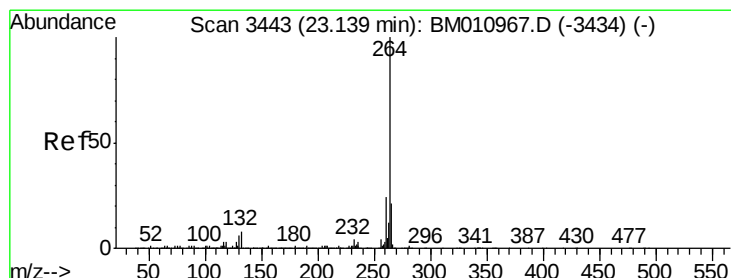
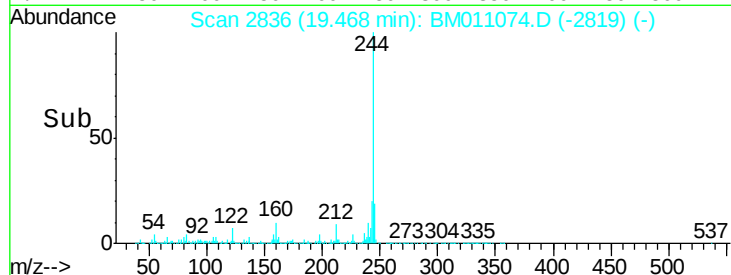
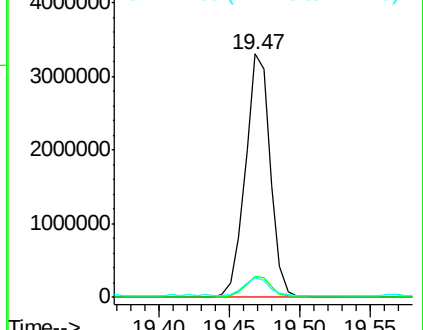
122 8.1 6.2 9.4



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: 20.00 ng

RT: 23.13 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BM011074.D

Acq: 31 Jul 2017 18:55

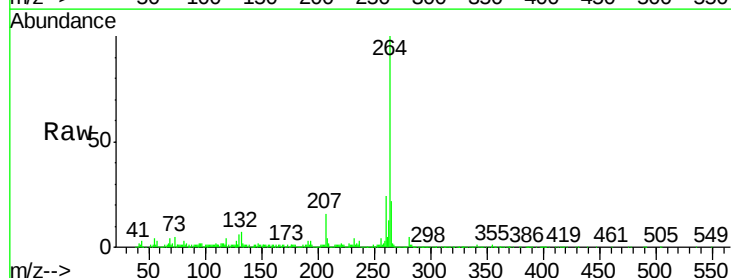
Tgt Ion:264 Resp: 1344807

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 21.6 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

