

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107534.D
 Acq On : 20 Jul 2018 20:05
 Operator : JU/SJ
 Sample : J4051-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NS-SOIL

Quant Time: Jul 23 04:05:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

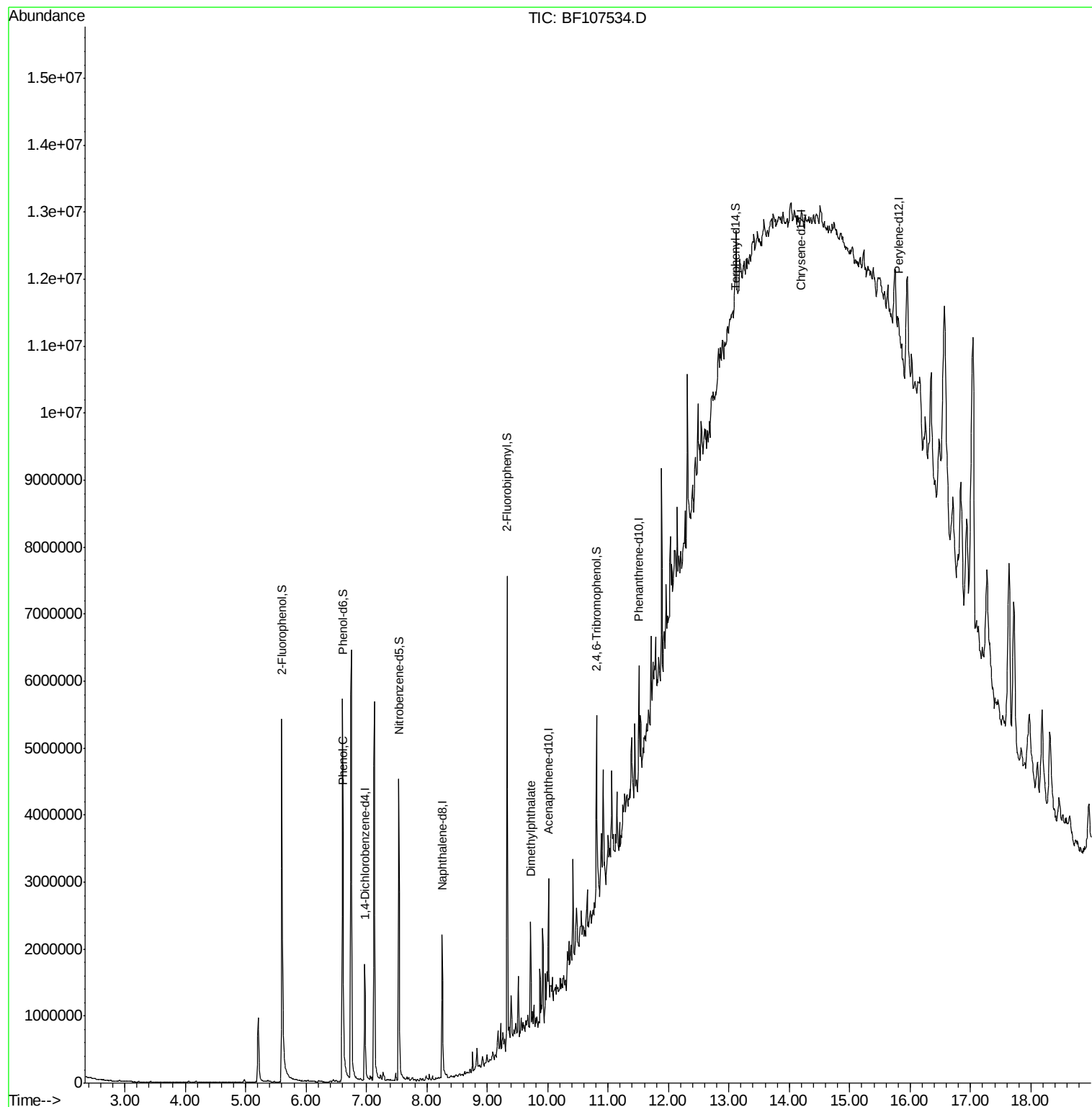
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	303040	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1078530	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	386446	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	611184	20.00	ng	0.00
75) Chrysene-d12	14.21	240	169811	20.00	ng	0.04
86) Perylene-d12	15.81	264	217209	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	2218026	117.68	ng	0.00
7) Phenol-d6	6.61	99	2591678	114.52	ng	0.00
23) Nitrobenzene-d5	7.54	82	1548703	96.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	509424	115.92	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2261299	107.69	ng	0.00
78) Terphenyl-d14	13.12	244	1256636	189.45	ng	0.02
Target Compounds						
10) Phenol	6.62	94	88814	3.337	ng	# 69
49) Dimethylphthalate	9.72	163	191414	6.572	ng	# 91

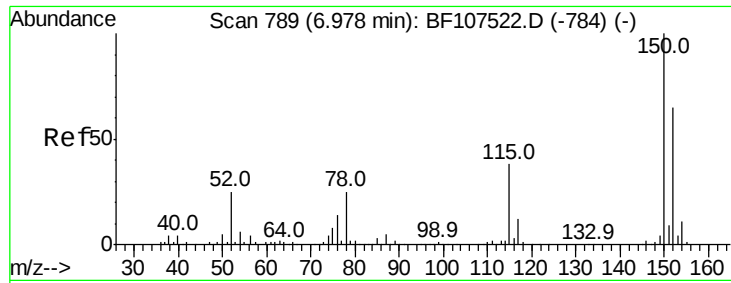
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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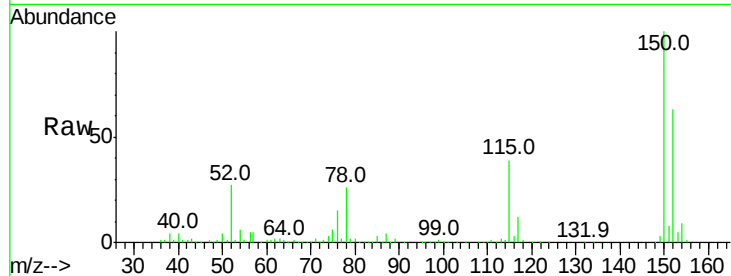


#1

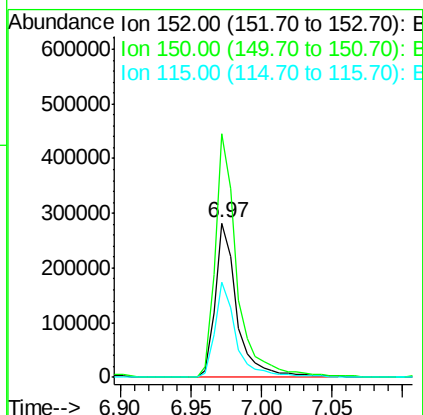
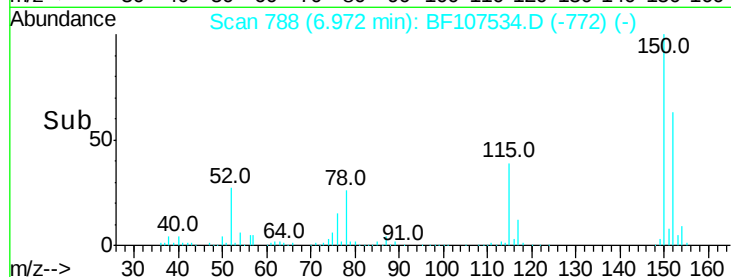
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

Instrument :
 BNA_F
 ClientSampleId :
 NS-SOIL

Tot Ion:152 Resp: 303040
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.6 186.8
 115 61.3 50.1 75.1



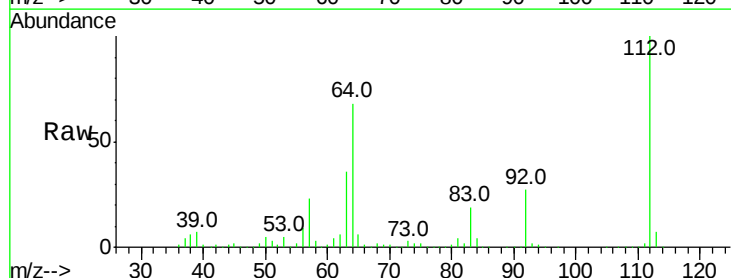
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



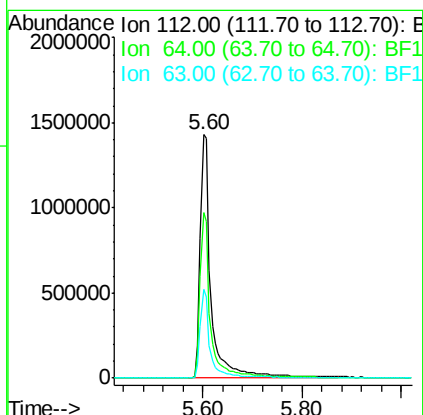
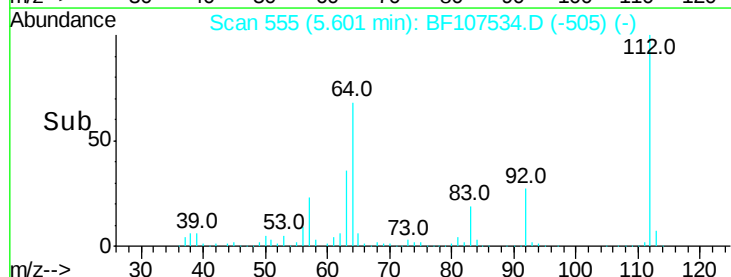
#5

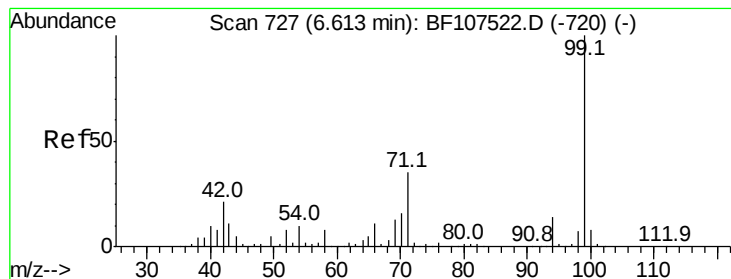
2-Fluorophenol
 Concen: 117.680 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF107534.D
 Acq: 20 Jul 2018 20:05

Tgt Ion:112 Resp: 2218026
 Ion Ratio Lower Upper
 112 100
 64 68.1 47.9 71.9
 63 36.3 23.7 35.5#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.516 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

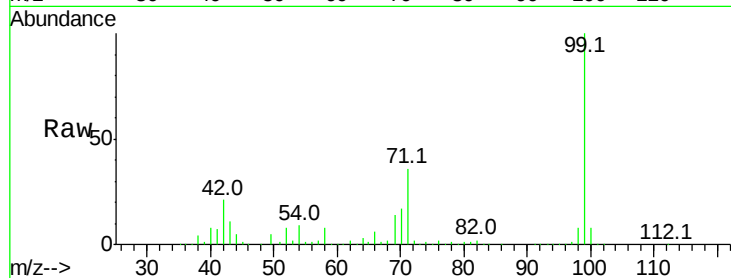
Tot Ion: 99 Resp: 2591678

Ion Ratio Lower Upper

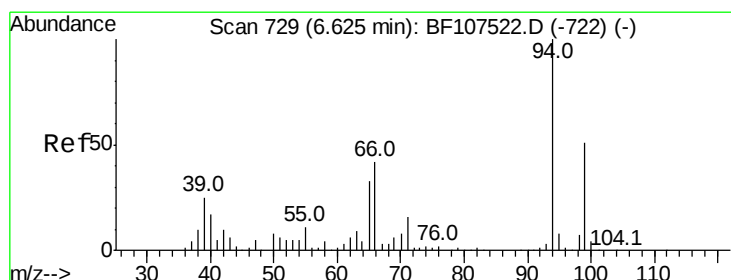
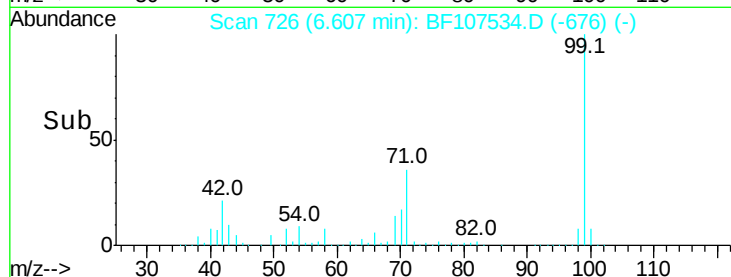
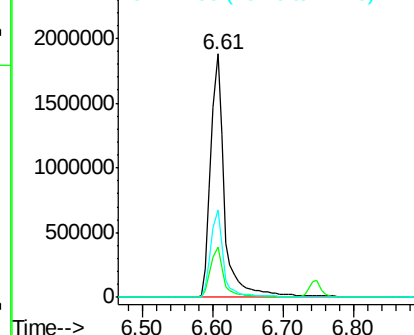
99 100

42 20.6 14.5 21.7

71 36.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.337 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

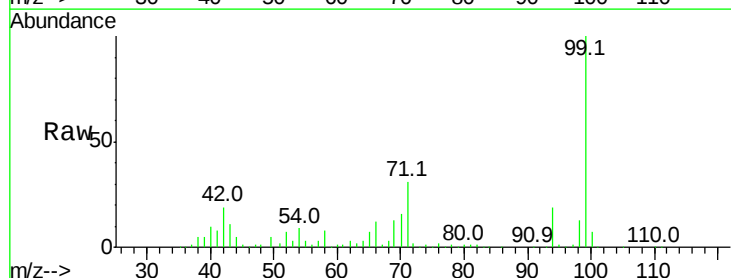
Tgt Ion: 94 Resp: 88814

Ion Ratio Lower Upper

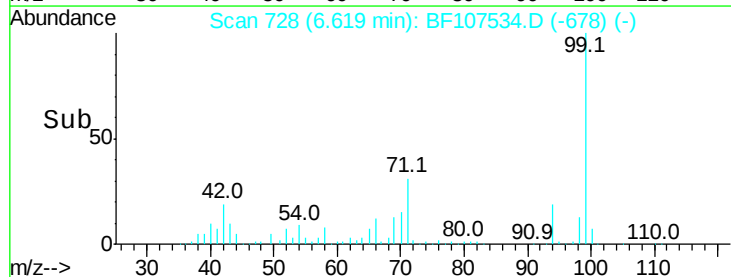
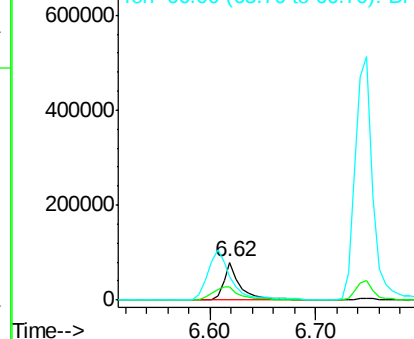
94 100

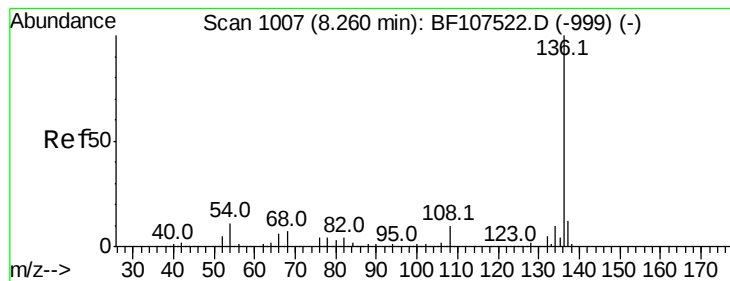
65 34.7 7.9 47.9

66 62.9 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

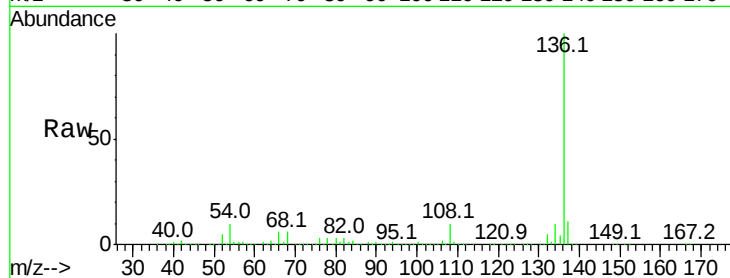
ClientSampleId :

NS-SOIL

Tot Ion:136 Resp: 1078530

Ion Ratio Lower Upper

136	100		
137	11.4	8.9	13.3
54	10.4	6.6	9.8#
68	6.4	5.0	7.4

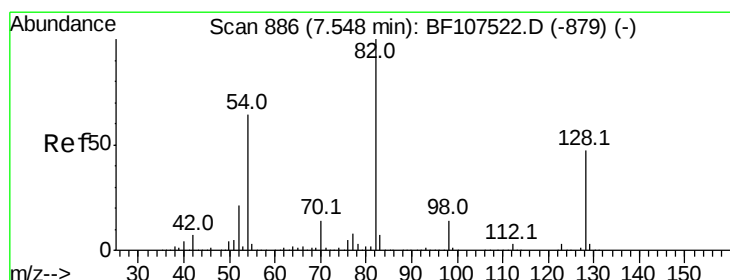
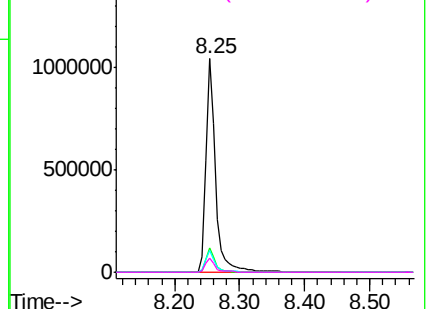
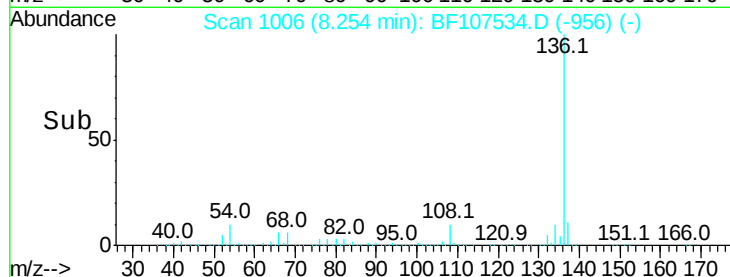


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 96.908 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.01 min

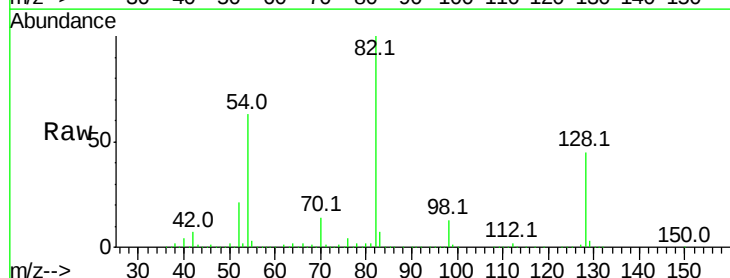
Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Tgt Ion: 82 Resp: 1548703

Ion Ratio Lower Upper

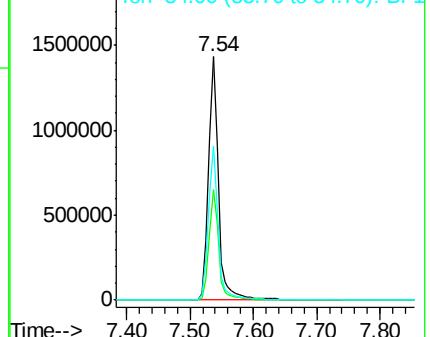
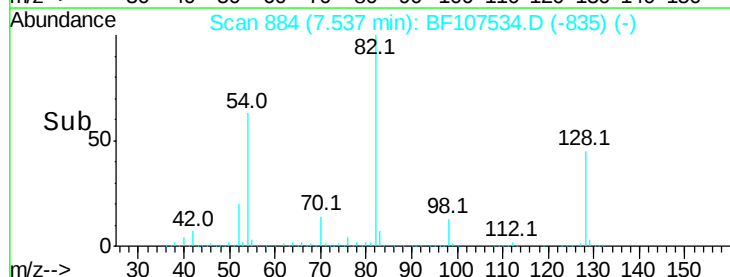
82	100		
128	45.3	36.1	54.1
54	63.3	41.4	62.2#

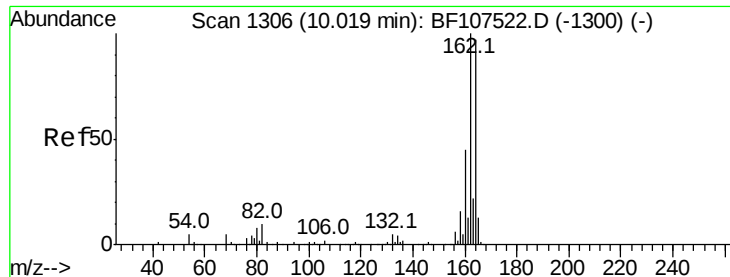


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

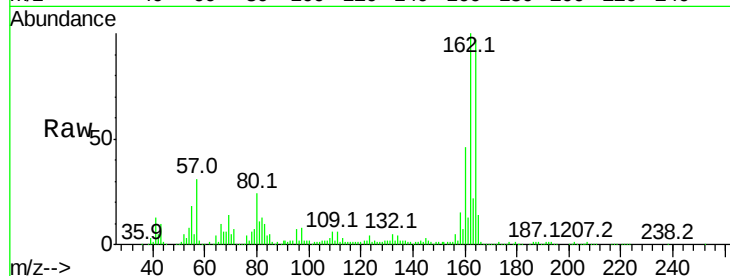




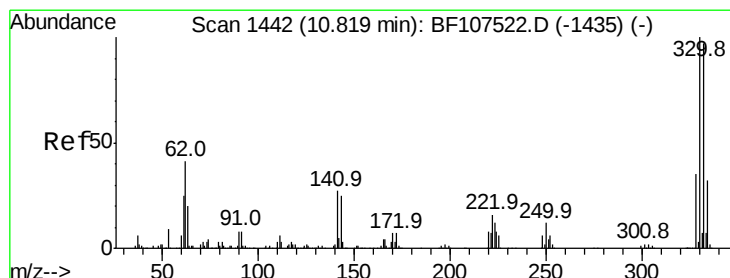
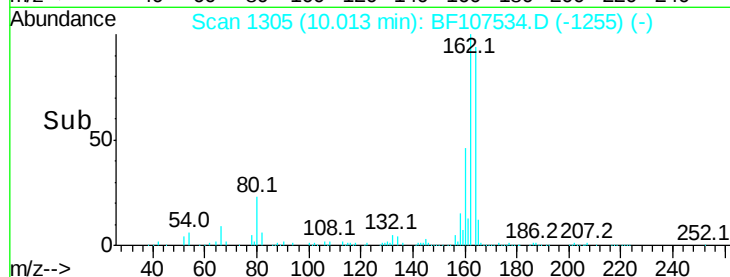
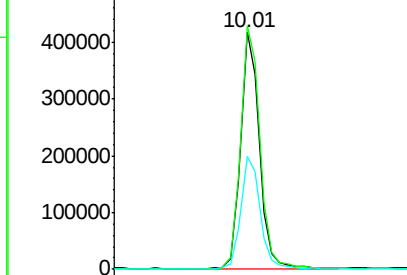
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Instrument :
BNA_F
ClientSampleId :
NS-SOIL

Tot Ion:164 Resp: 386446
Ion Ratio Lower Upper
164 100
162 102.7 86.1 129.1
160 47.6 38.3 57.5

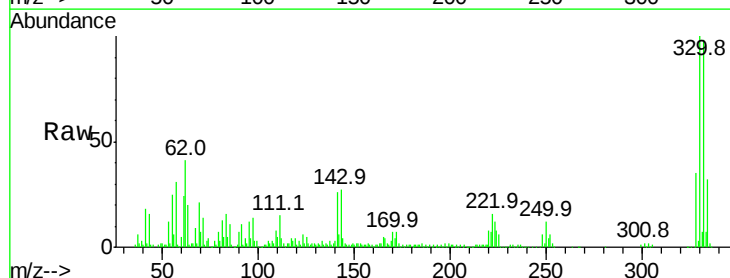


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

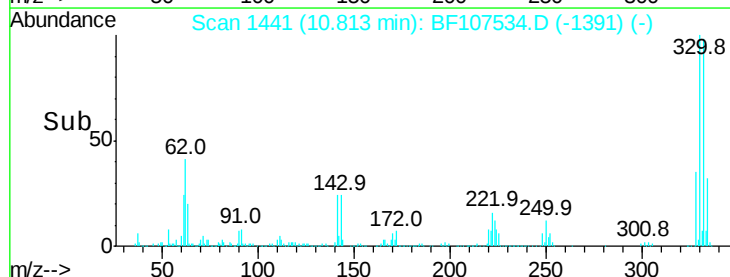
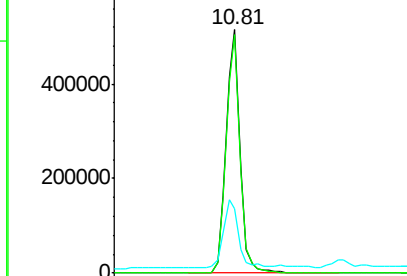


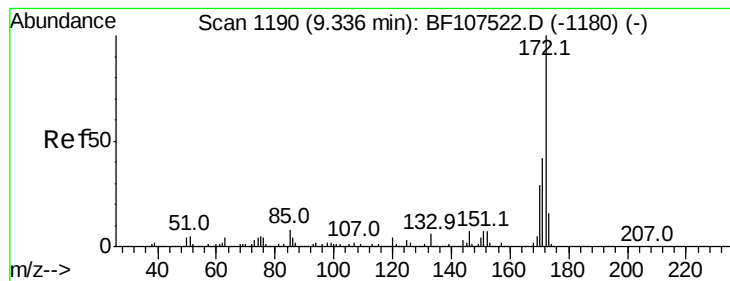
#41
2,4,6-Tribromophenol
Concen: 115.923 ng
RT: 10.81 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF107534.D
Acq: 20 Jul 2018 20:05

Tgt Ion:330 Resp: 509424
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 30.5 29.9 44.9



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: 107.688 ng

RT: 9.33 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

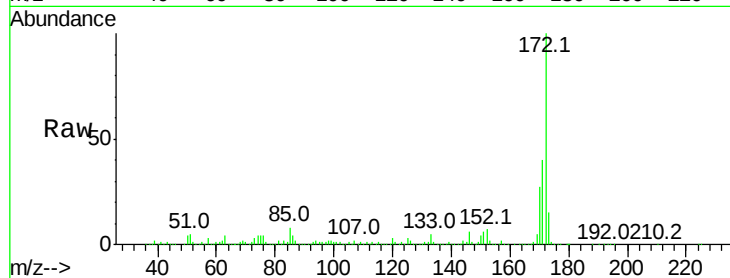
Tot Ion:172 Resp: 2261299

Ion Ratio Lower Upper

172 100

171 40.3 29.7 44.5

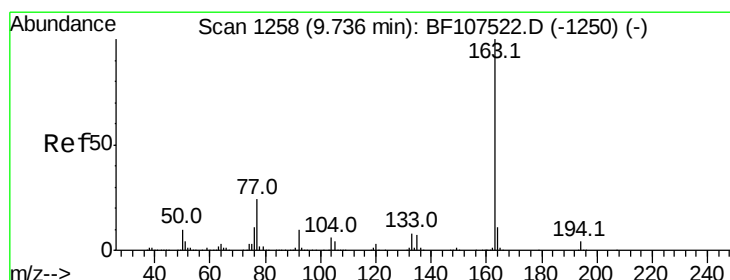
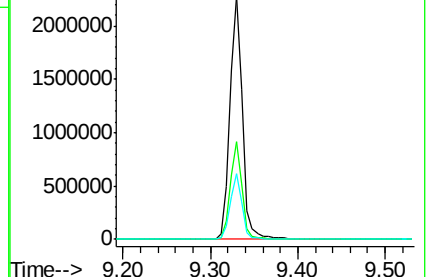
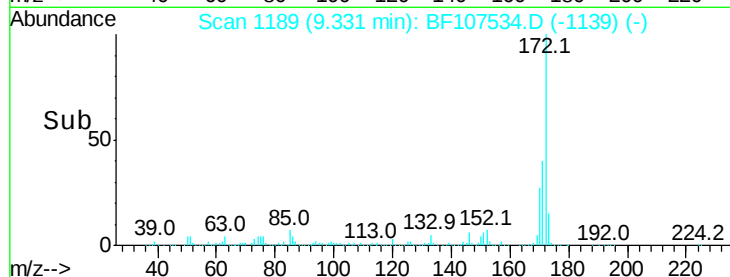
170 26.9 19.6 29.4



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



#49

Dimethylphthalate

Concen: 6.572 ng

RT: 9.72 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

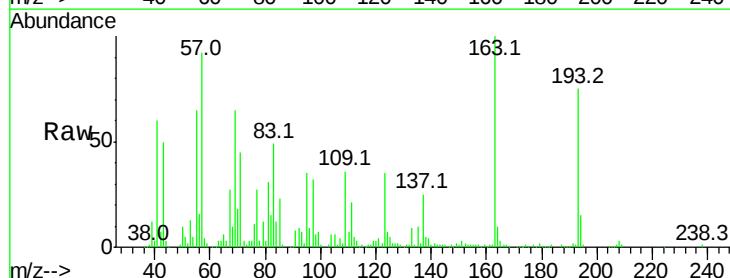
Tgt Ion:163 Resp: 191414

Ion Ratio Lower Upper

163 100

194 15.0 2.7 4.1#

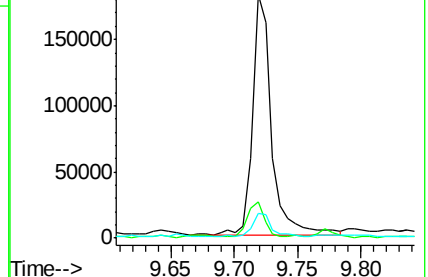
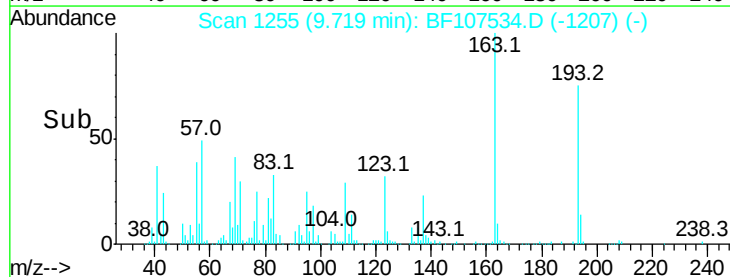
164 10.1 8.2 12.2

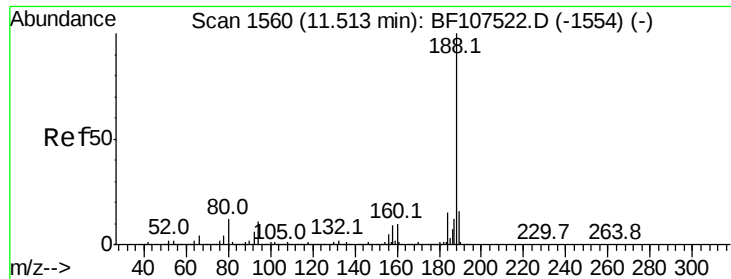


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

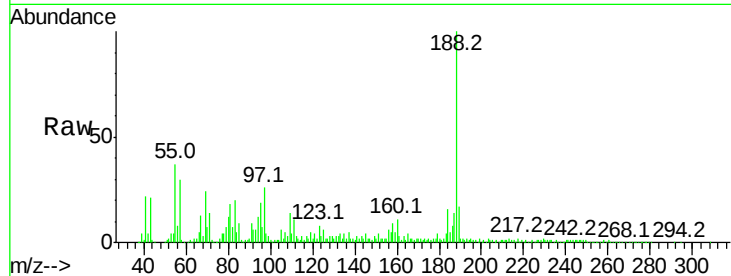
Tot Ion:188 Resp: 611184

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

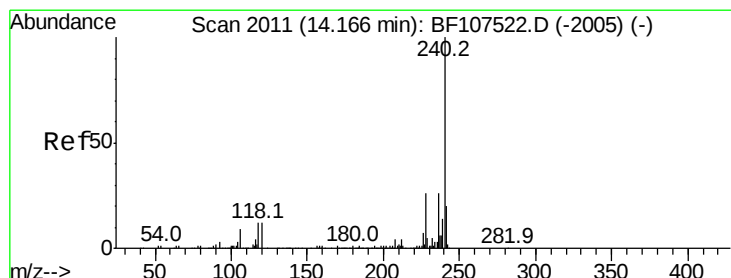
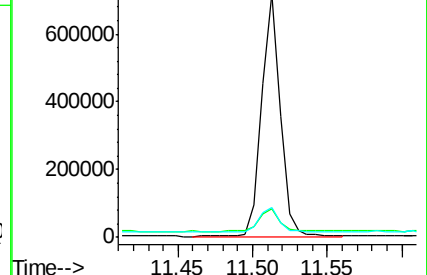
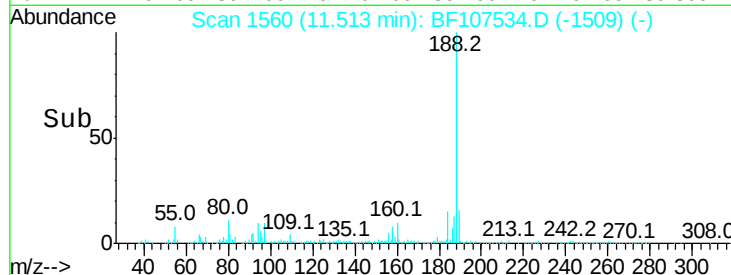
80 12.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.04 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

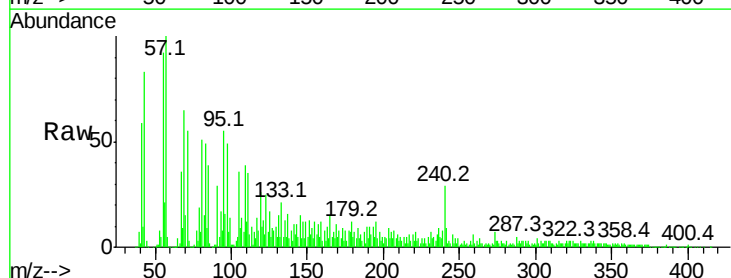
Tgt Ion:240 Resp: 169811

Ion Ratio Lower Upper

240 100

120 34.9 9.5 14.3#

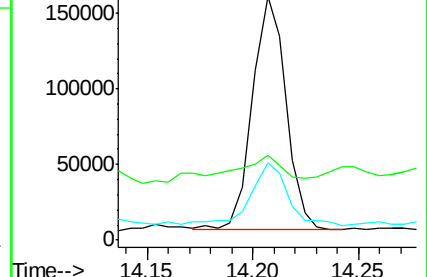
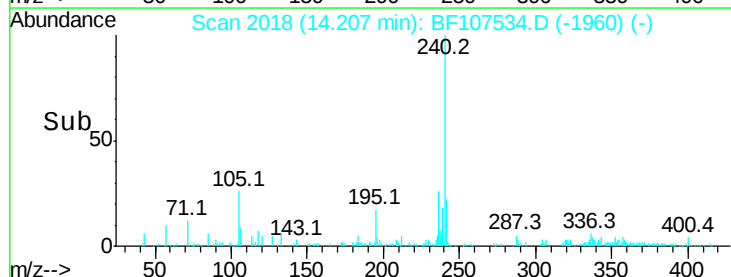
236 31.5 20.7 31.1#

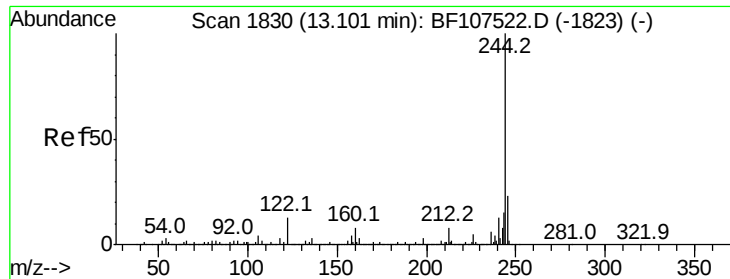


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 189.452 ng

RT: 13.12 min Scan# 1833

Delta R.T. 0.02 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

Instrument :

BNA_F

ClientSampleId :

NS-SOIL

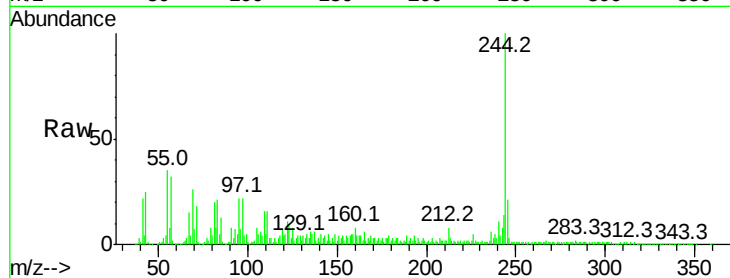
Tot Ion:244 Resp: 1256636

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

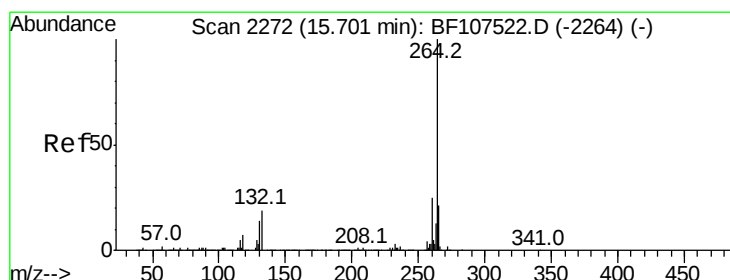
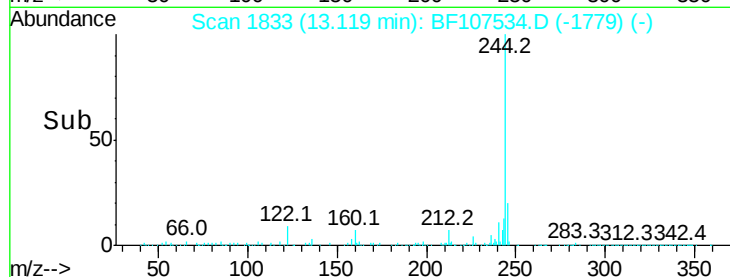
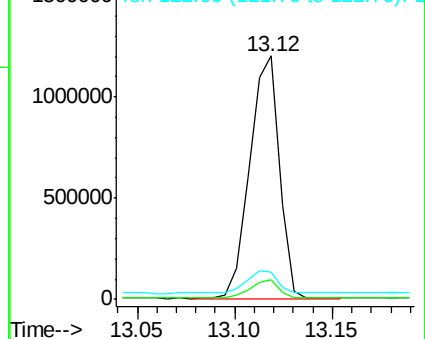
122 11.1 11.0 16.4



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: 15.81 min Scan# 2290

Delta R.T. 0.11 min

Lab File: BF107534.D

Acq: 20 Jul 2018 20:05

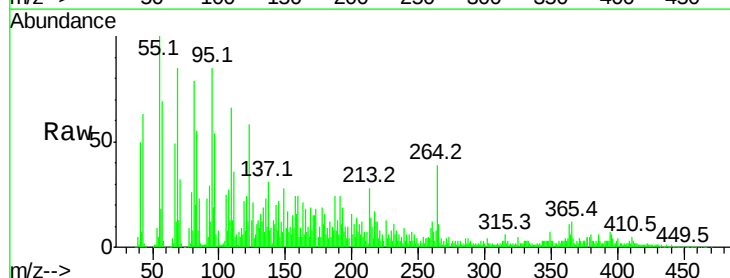
Tgt Ion:264 Resp: 217209

Ion Ratio Lower Upper

264 100

260 30.8 19.2 28.8#

265 28.1 17.5 26.3#



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

