

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034094.D
 Acq On : 2 May 2018 00:57
 Operator : SJ/JU
 Sample : J2133-03
 Misc : 8PPM MDL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

Quant Time: May 02 07:10:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

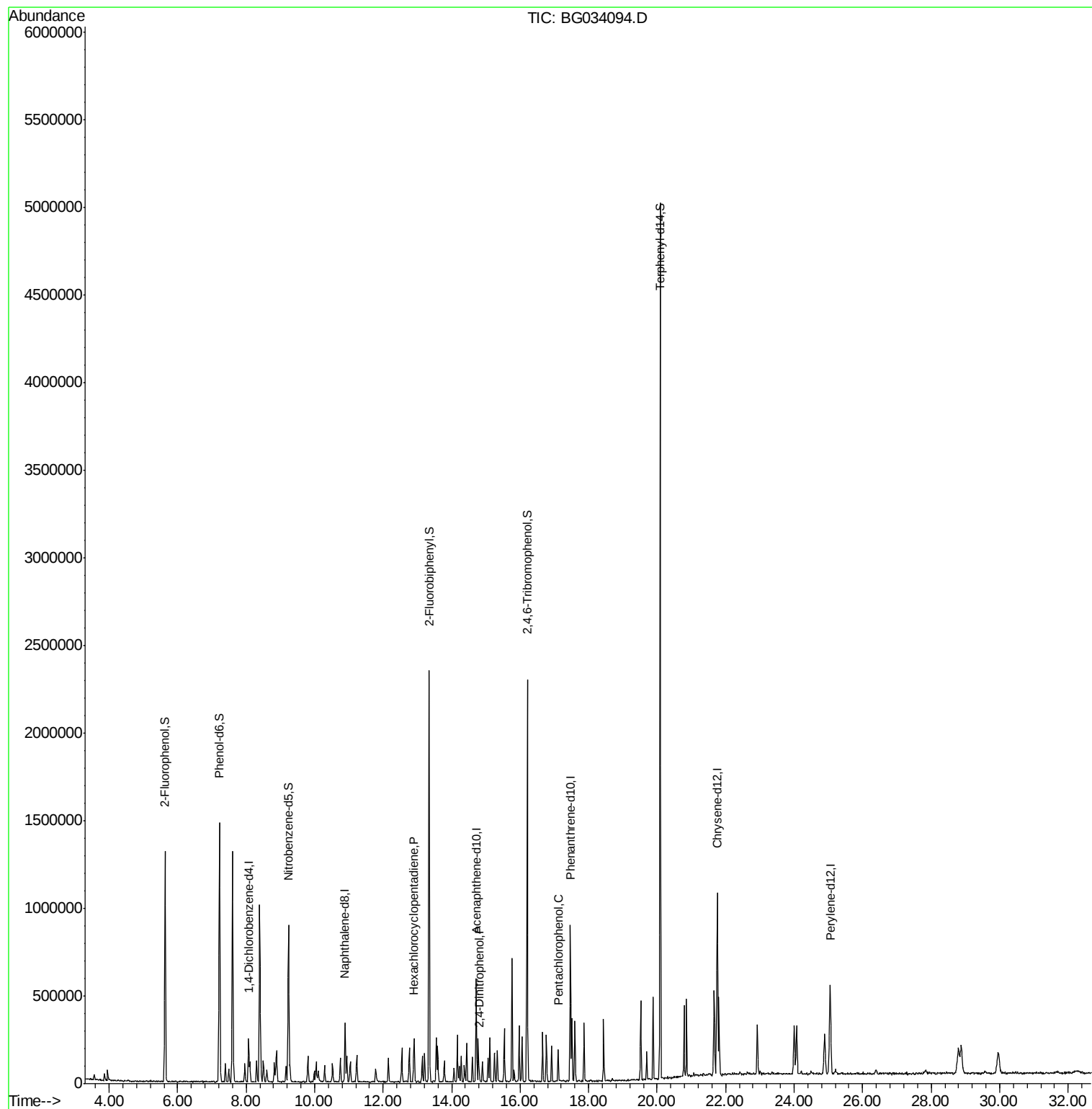
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	57486	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	246855	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	190484	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	519483	20.00	ng	0.00
75) Chrysene-d12	21.76	240	584008	20.00	ng	-0.01
86) Perylene-d12	25.05	264	581210	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	480506	135.04	ng	0.00
7) Phenol-d6	7.22	99	721260	130.21	ng	0.00
23) Nitrobenzene-d5	9.24	82	532163	82.71	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	357524	135.55	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1121015	85.75	ng	0.00
78) Terphenyl-d14	20.09	244	2202133	82.60	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.89	237	31803	7.282	ng	87
53) 2,4-Dinitrophenol	14.81	184	9231	7.438	ng	# 49
69) Pentachlorophenol	17.11	266	31118	6.819	ng	91

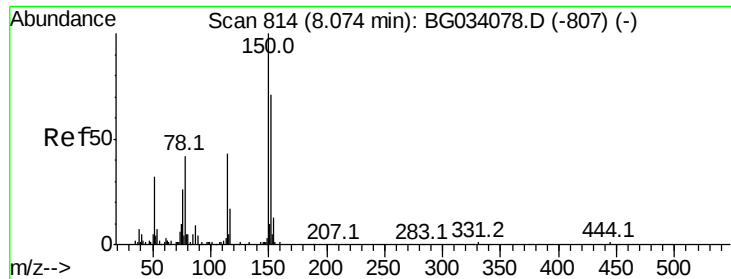
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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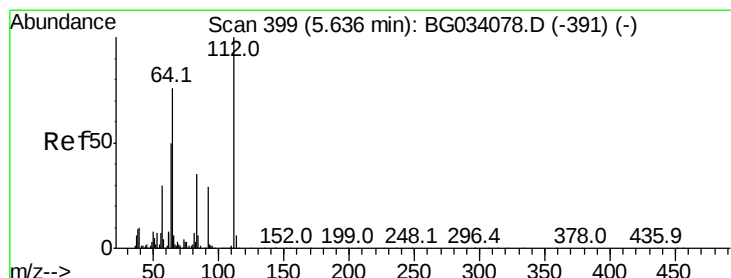
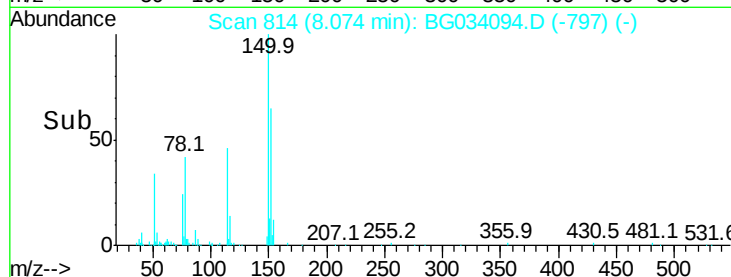
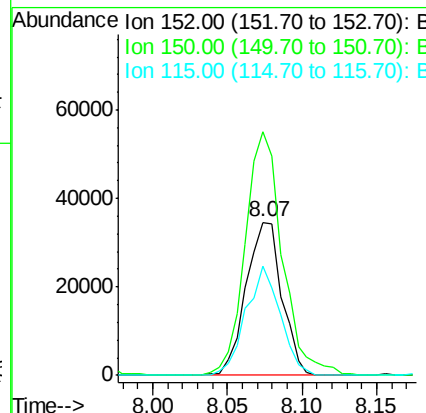
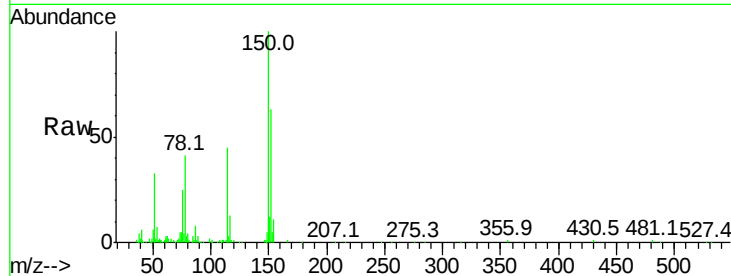


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034094.D
Acq: 2 May 2018 00:57

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2018

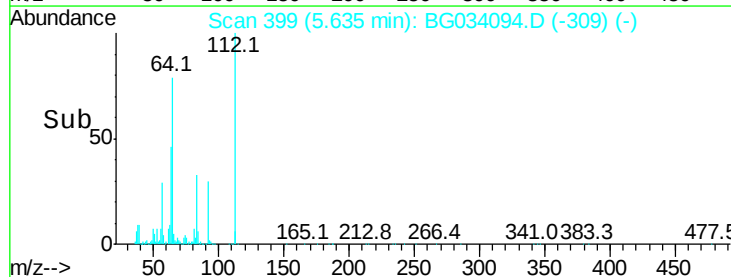
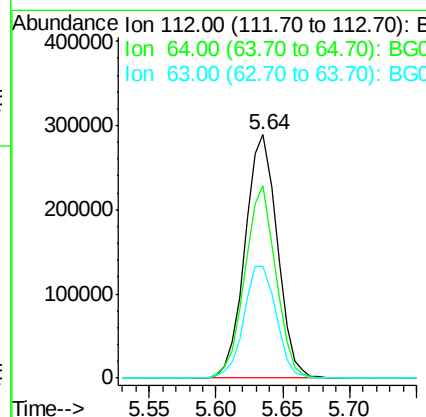
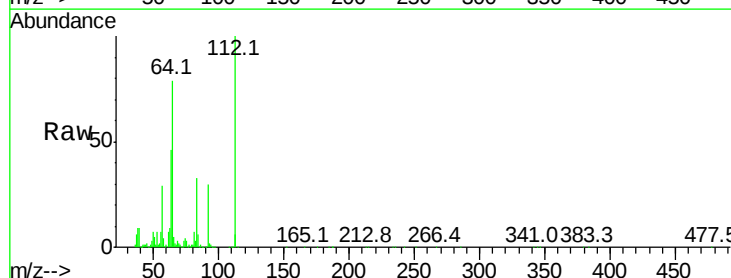
Tot Ion:152 Resp: 57486
Ion Ratio Lower Upper
152 100
150 158.8 126.6 189.8
115 71.0 53.0 79.4

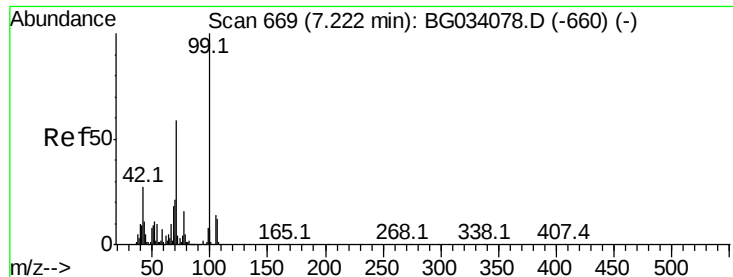


#5

2-Fluorophenol
Concen: 135.045 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG034094.D
Acq: 2 May 2018 00:57

Tgt Ion:112 Resp: 480506
Ion Ratio Lower Upper
112 100
64 79.1 56.3 84.5
63 45.9 30.1 45.1#





#7

Phenol-d6

Concen: 130.207 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034094.D

Acq: 2 May 2018 00:57

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2018

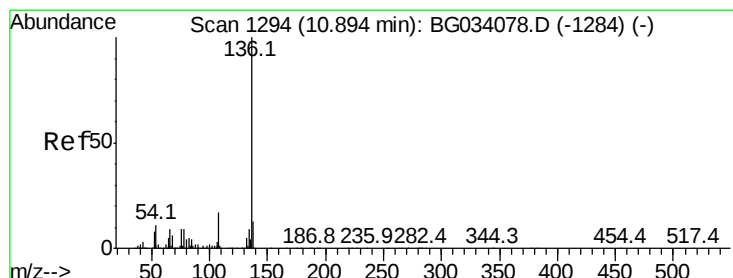
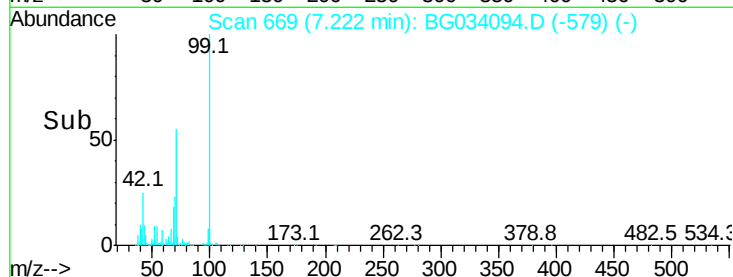
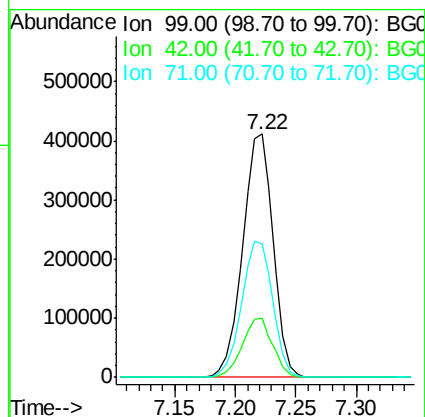
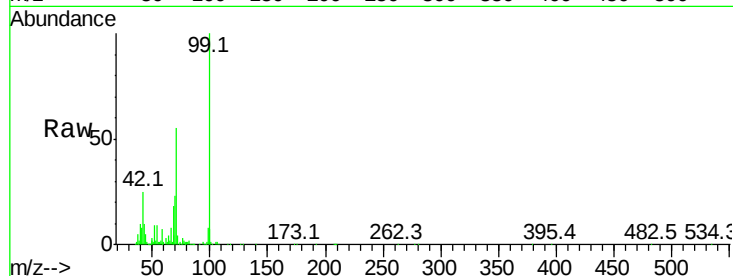
Tot Ion: 99 Resp: 721260

Ion Ratio Lower Upper

99 100

42 24.5 14.1 21.1#

71 55.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034094.D

Acq: 2 May 2018 00:57

Tgt Ion: 136 Resp: 246855

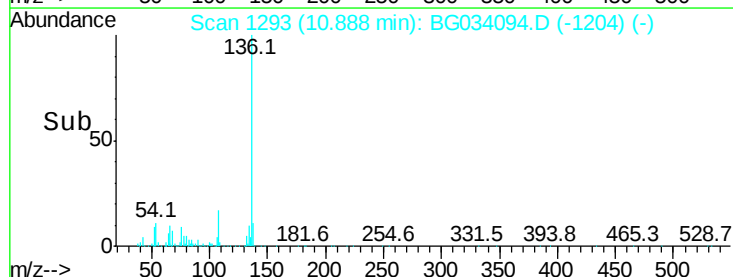
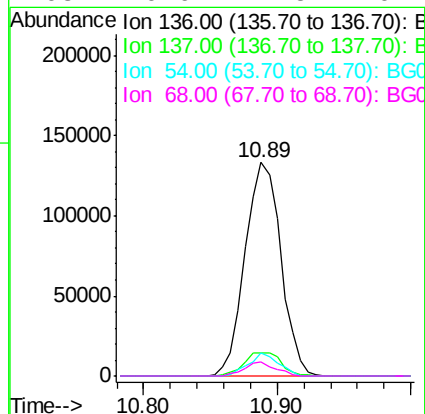
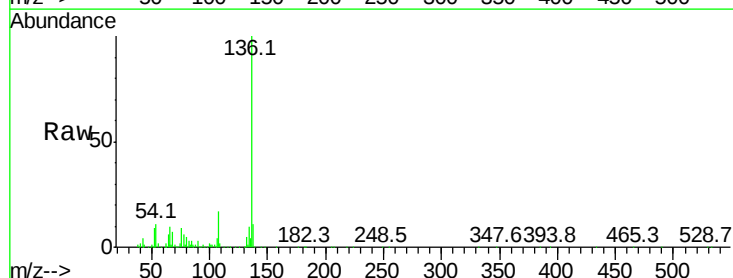
Ion Ratio Lower Upper

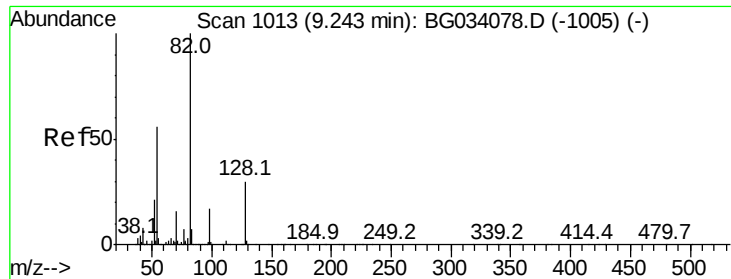
136 100

137 10.8 9.2 13.8

54 10.9 10.3 15.5

68 6.6 4.5 6.7

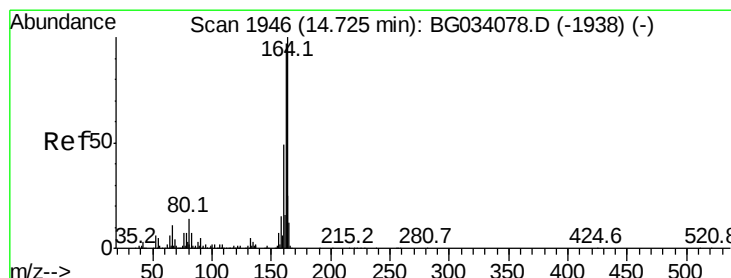
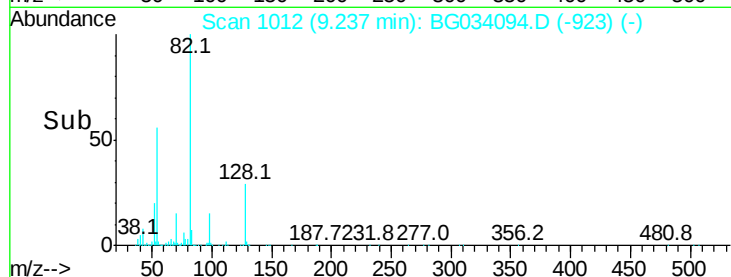
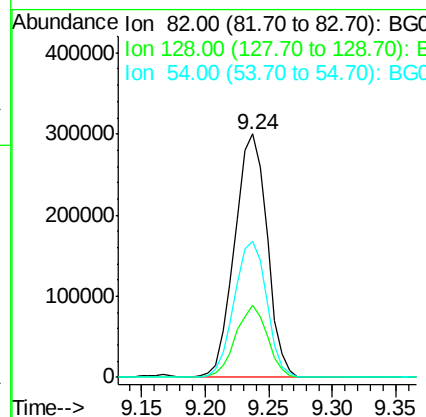
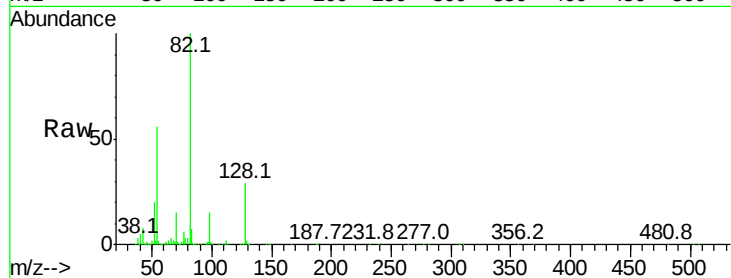




#23
 Nitrobenzene-d5
 Concen: 82.713 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BG034094.D
 Acq: 2 May 2018 00:57

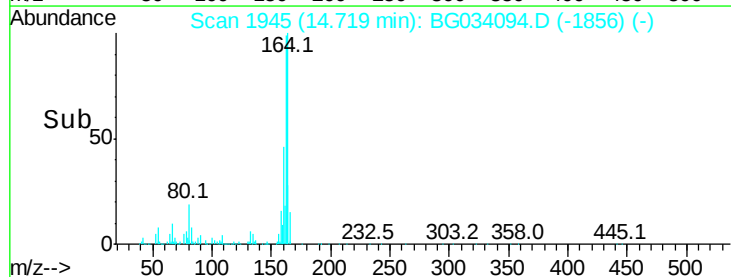
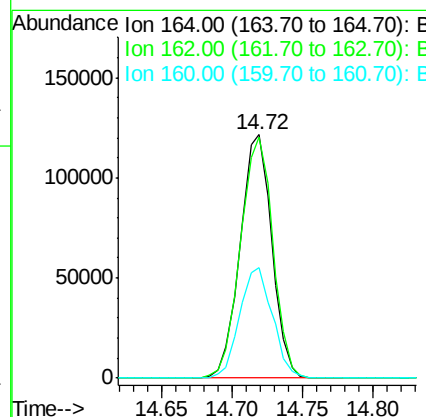
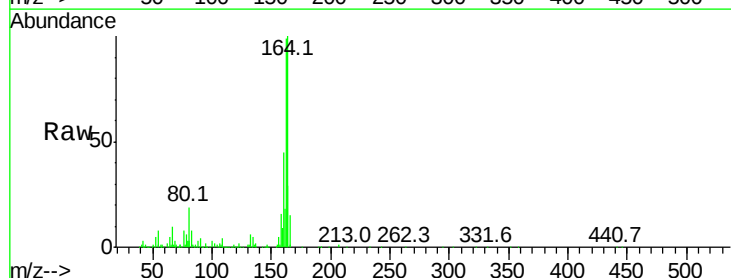
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2018

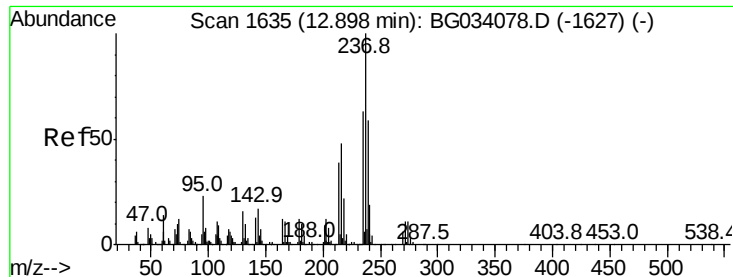
Tot Ion	Ratio	Lower	Upper
82	100		
128	29.5	29.7	44.5#
54	55.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BG034094.D
 Acq: 2 May 2018 00:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.8	118.2
160	45.4	35.4	53.0

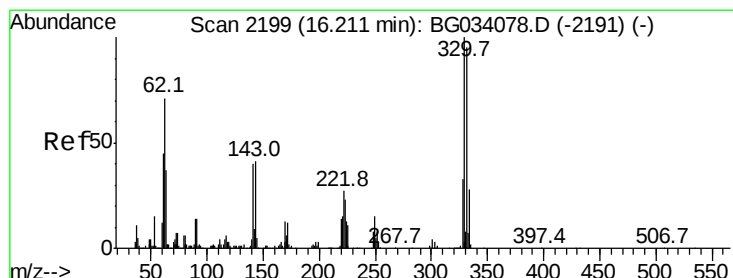
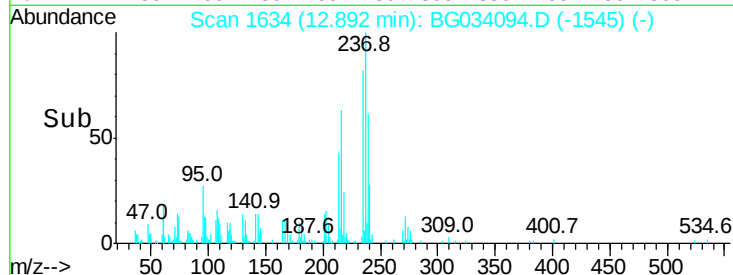
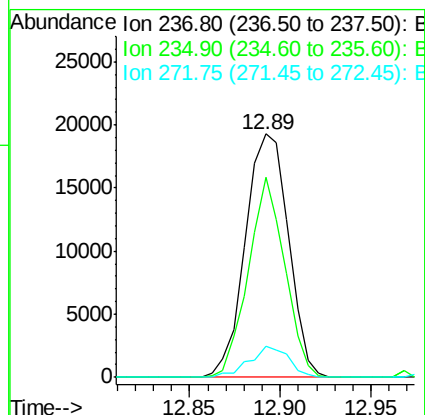
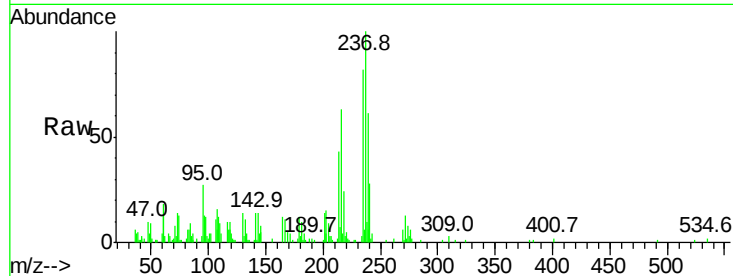




#40
Hexachlorocyclopentadiene
Concen: 7.282 ng
RT: 12.89 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BG034094.D
Acq: 2 May 2018 00:57

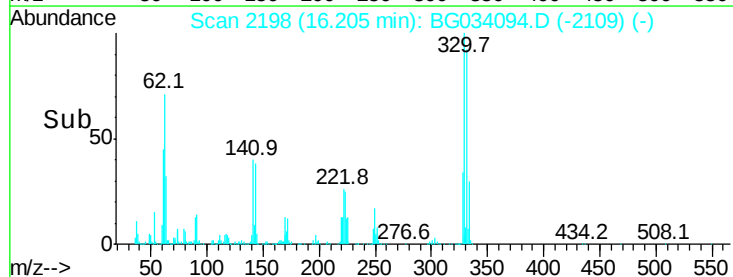
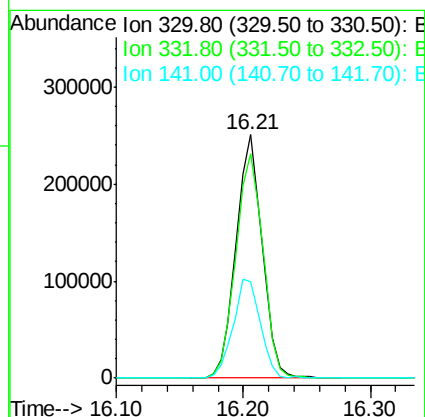
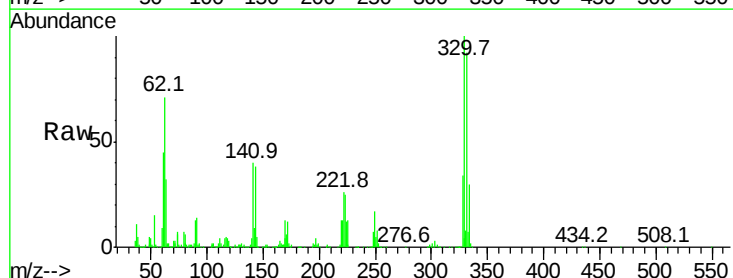
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2018

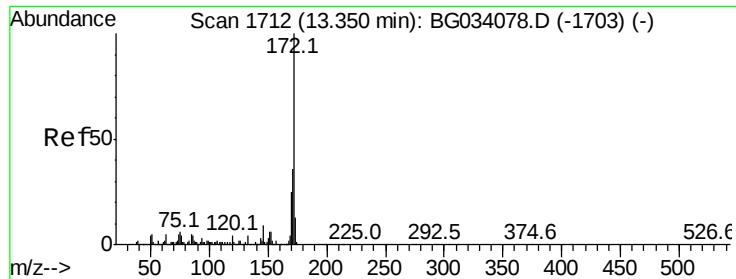
Tot Ion:237 Resp: 31803
Ion Ratio Lower Upper
237 100
235 82.1 50.4 90.4
272 12.9 0.0 31.8



#41
2,4,6-Tribromophenol
Concen: 135.546 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BG034094.D
Acq: 2 May 2018 00:57

Tgt Ion:330 Resp: 357524
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 42.4 25.2 37.8#

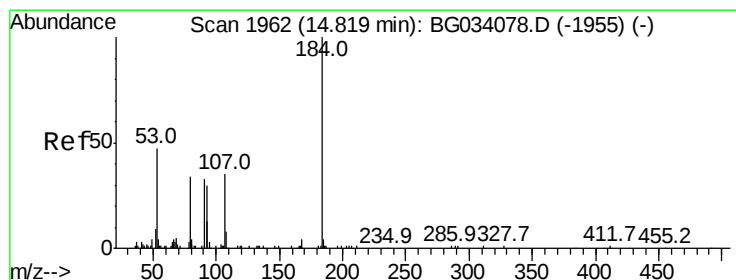
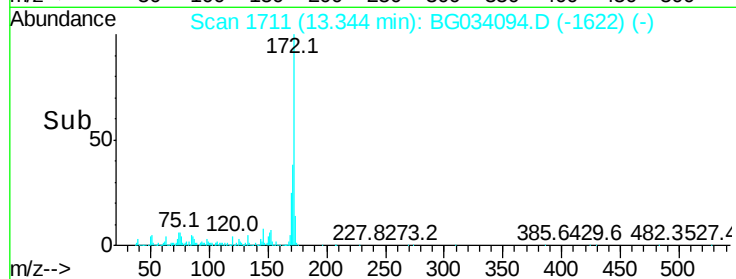
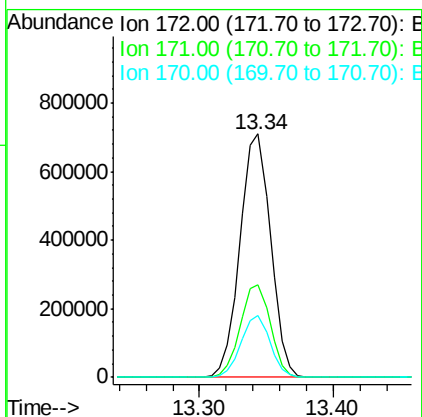
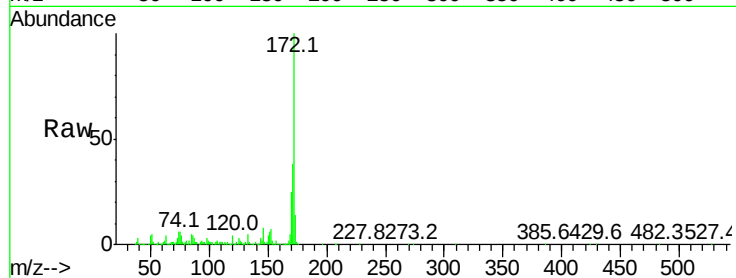




#44
2-Fluorobiphenyl
Concen: 85.755 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG034094.D
Acq: 2 May 2018 00:57

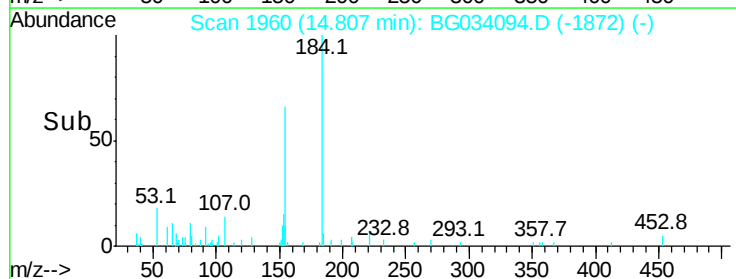
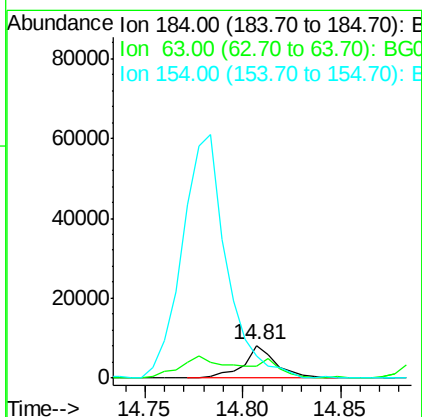
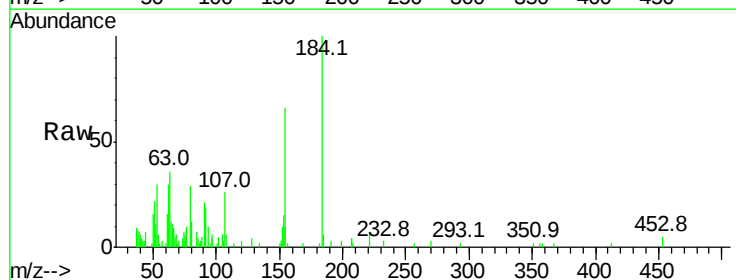
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2018

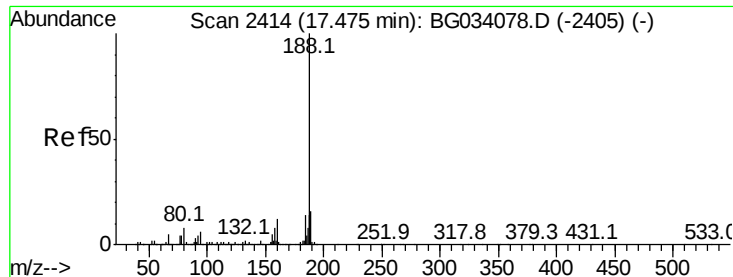
Tot Ion:172 Resp: 1121015
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 25.2 19.5 29.3



#53
2,4-Dinitrophenol
Concen: 7.438 ng
RT: 14.81 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG034094.D
Acq: 2 May 2018 00:57

Tgt Ion:184 Resp: 9231
Ion Ratio Lower Upper
184 100
63 35.7 59.8 89.8#
154 66.1 101.8 152.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034094.D

Acq: 2 May 2018 00:57

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2018

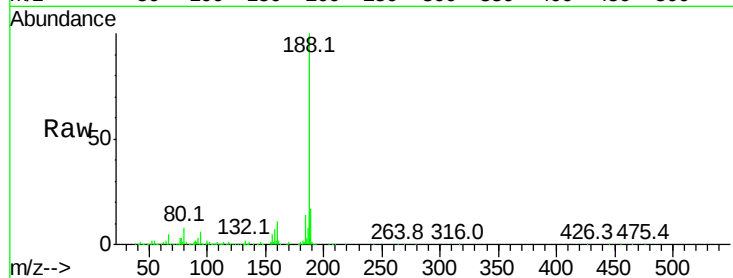
Tot Ion:188 Resp: 519483

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

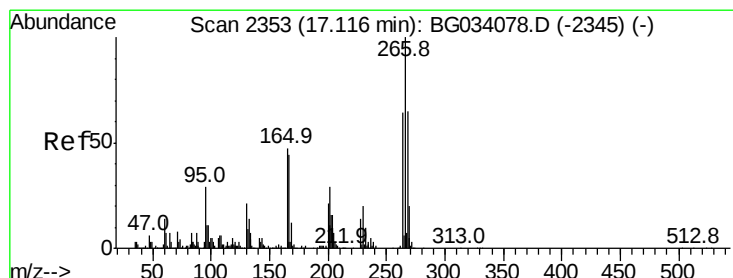
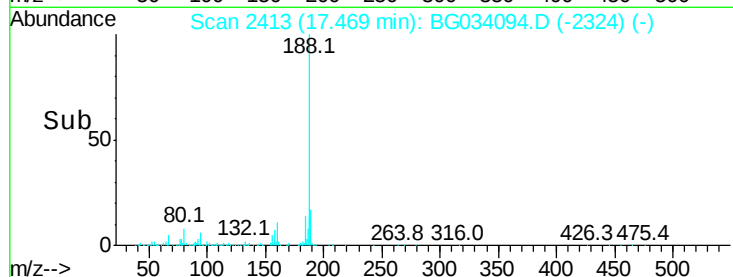
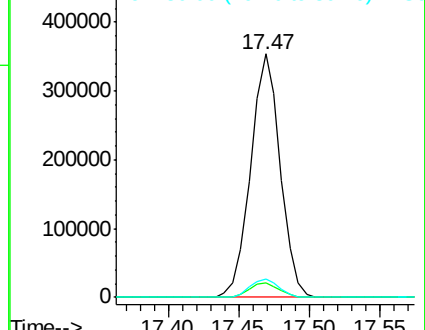
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#69

Pentachlorophenol

Concen: 6.819 ng

RT: 17.11 min Scan# 2352

Delta R.T. -0.01 min

Lab File: BG034094.D

Acq: 2 May 2018 00:57

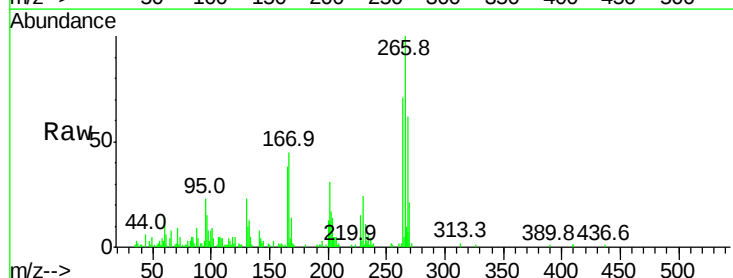
Tgt Ion:266 Resp: 31118

Ion Ratio Lower Upper

266 100

268 69.3 51.1 76.7

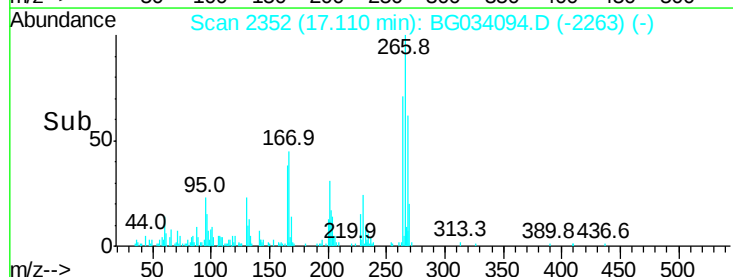
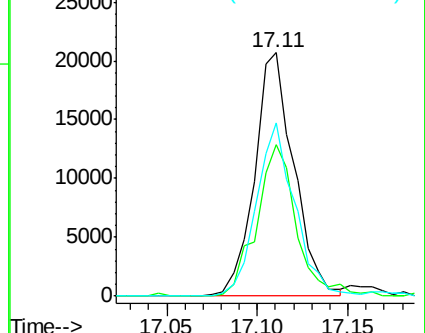
264 70.9 49.6 74.4

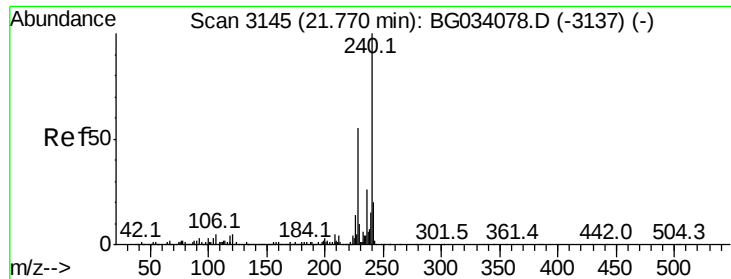


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG034094.D

Acq: 2 May 2018 00:57

Instrument :

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ClientSampleId :

MDL-SOIL-03-QT2-2018

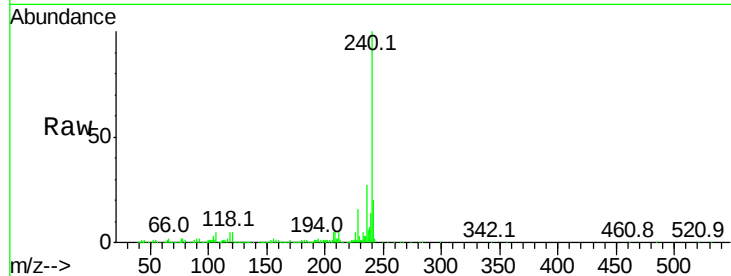
Tot Ion:240 Resp: 584008

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

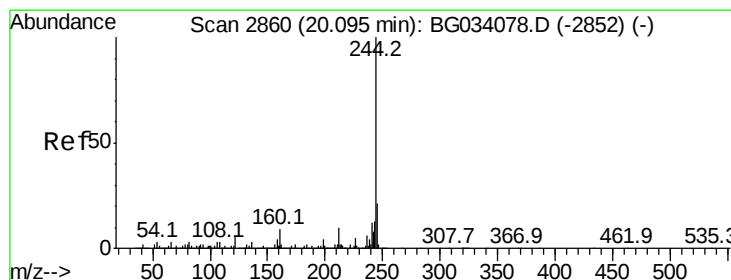
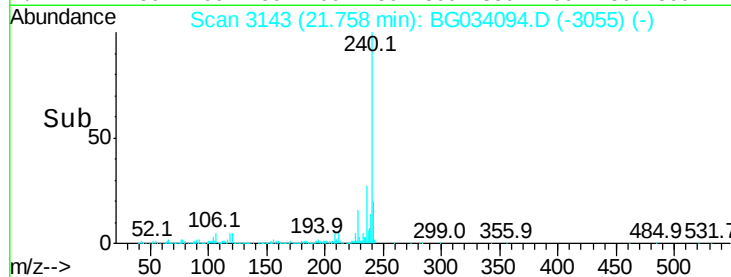
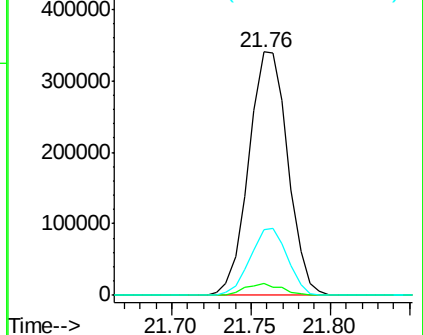
236 27.2 20.9 31.3



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: 82.604 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034094.D

Acq: 2 May 2018 00:57

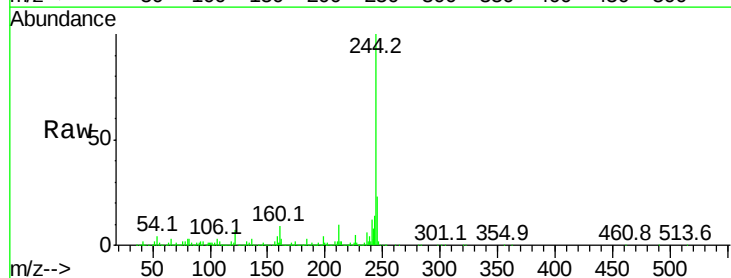
Tgt Ion:244 Resp: 2202133

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

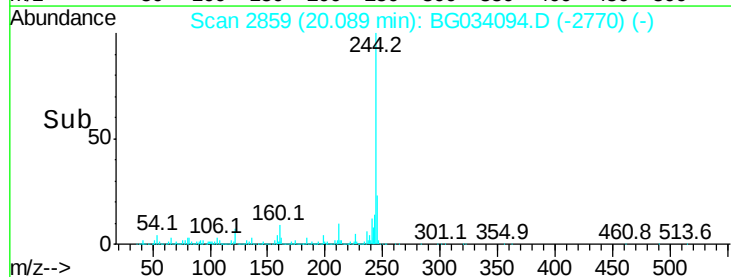
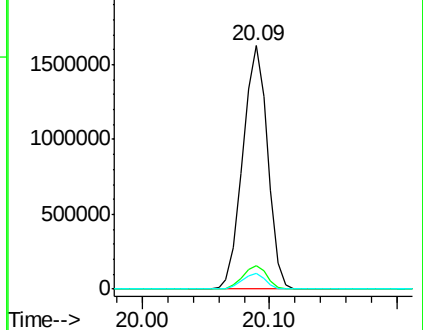
122 6.6 7.0 10.4#

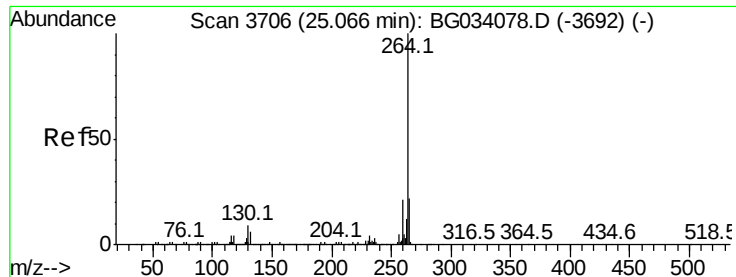


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG034094.D
Acq: 2 May 2018 00:57

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	19.8	17.7	26.5

