

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
 Data File : BG035846.D
 Acq On : 24 Jul 2018 14:06
 Operator : JU/SJ
 Sample : J3762-01
 Misc : LOD 8PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2018

Quant Time: Jul 25 02:11:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

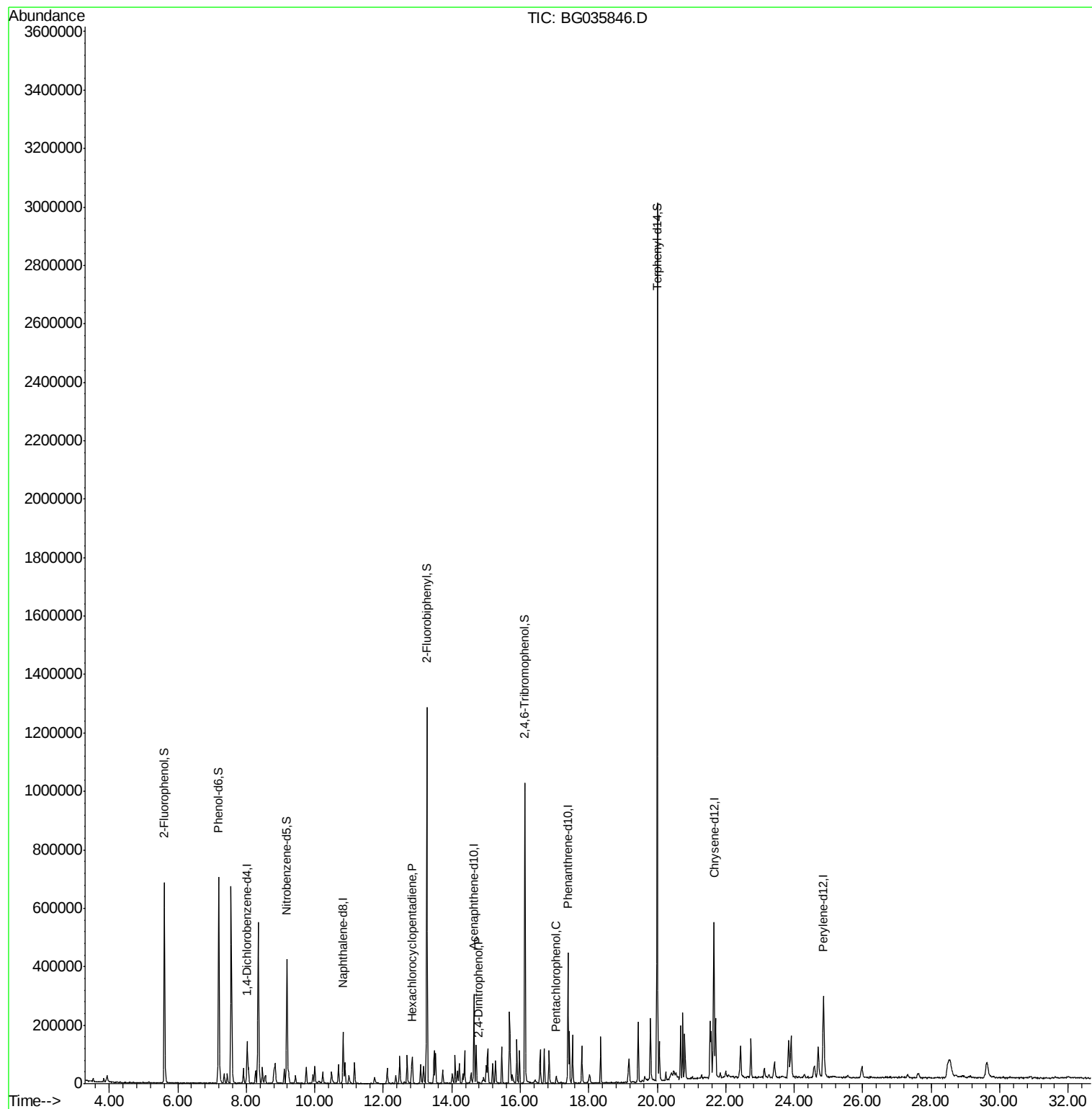
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39121	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	147627	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	101201	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	280781	20.00	ng	0.00
75) Chrysene-d12	21.66	240	294012	20.00	ng	0.00
86) Perylene-d12	24.85	264	286517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	304302	129.14	ng	0.00
7) Phenol-d6	7.19	99	436275	124.10	ng	0.00
23) Nitrobenzene-d5	9.19	82	291836	82.58	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	188400	141.24	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	678207	89.78	ng	0.00
78) Terphenyl-d14	20.00	244	1371042	102.79	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	12.82	237	13350	6.664	ng	95
53) 2,4-Dinitrophenol	14.78	184	1361	7.927	ng	# 45
69) Pentachlorophenol	17.05	266	5968	2.921	ng	95

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

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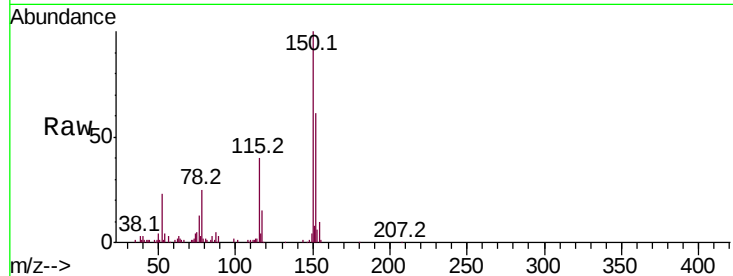


#1

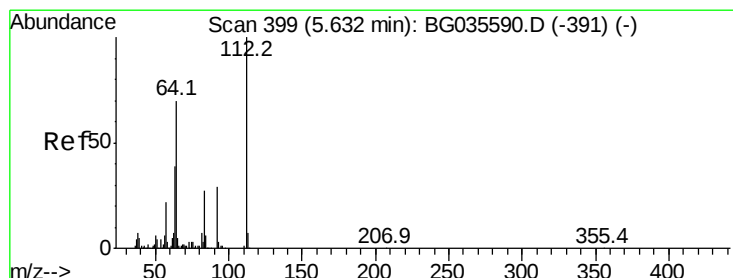
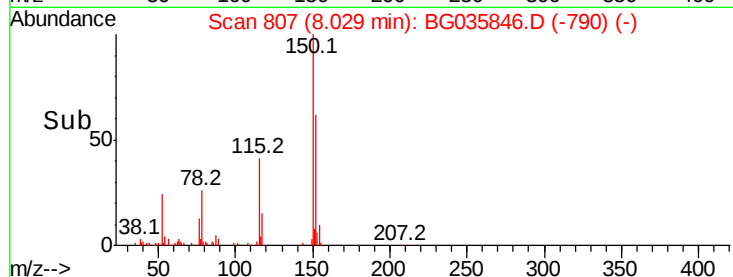
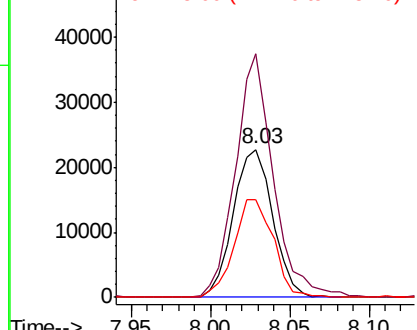
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035846.D
Acq: 24 Jul 2018 14:06

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

Tot Ion:152 Resp: 39121
Ion Ratio Lower Upper
152 100
150 164.8 126.6 189.8
115 66.6 53.0 79.4



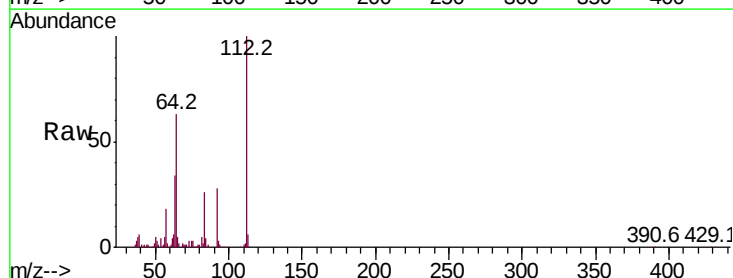
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



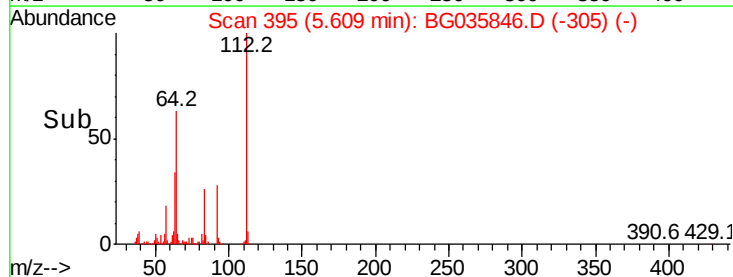
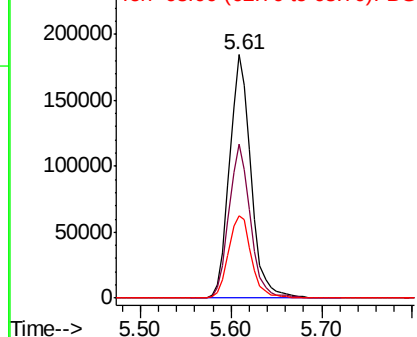
#5

2-Fluorophenol
Concen: 129.141 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035846.D
Acq: 24 Jul 2018 14:06

Tgt Ion:112 Resp: 304302
Ion Ratio Lower Upper
112 100
64 63.3 56.3 84.5
63 33.6 30.1 45.1



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





#7

Phenol-d6

Concen: 124.095 ng

RT: 7.19 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035846.D

Acq: 24 Jul 2018 14:06

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2018

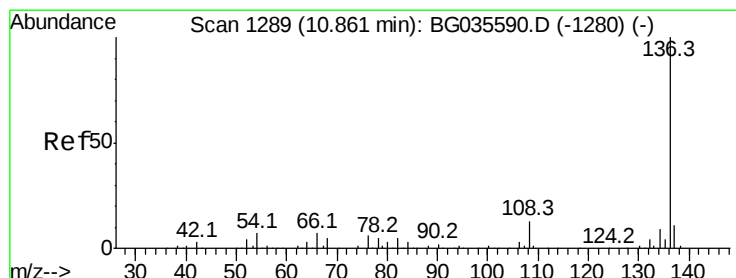
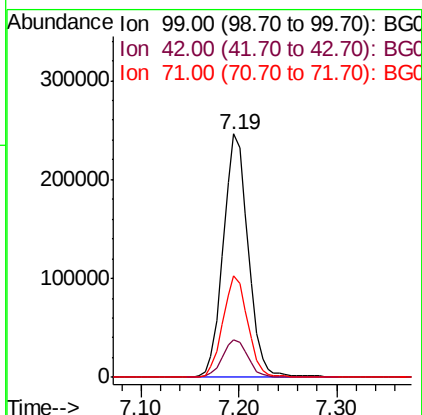
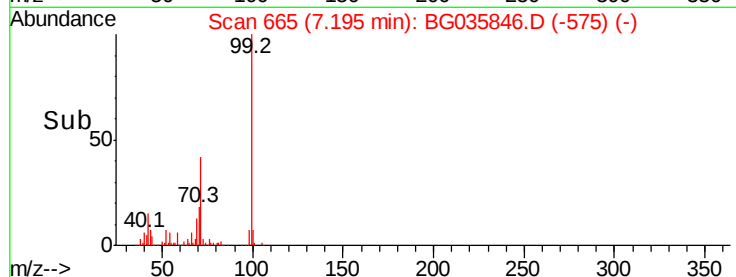
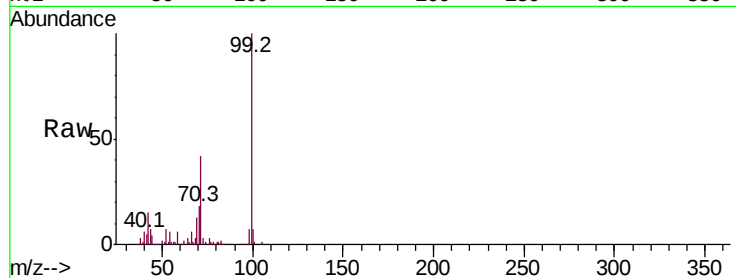
Tot Ion: 99 Resp: 436275

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 41.6 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035846.D

Acq: 24 Jul 2018 14:06

Tgt Ion:136 Resp: 147627

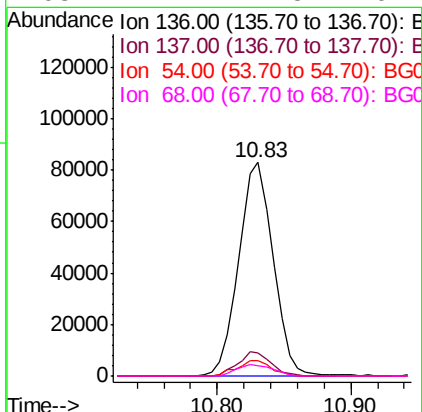
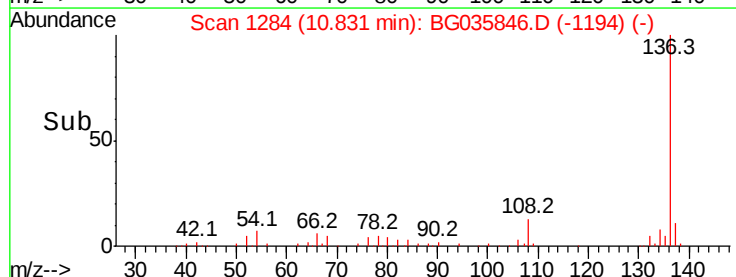
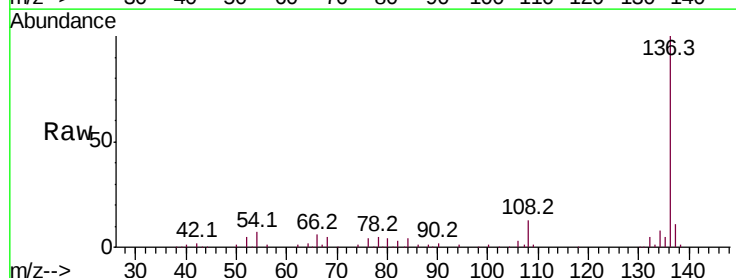
Ion Ratio Lower Upper

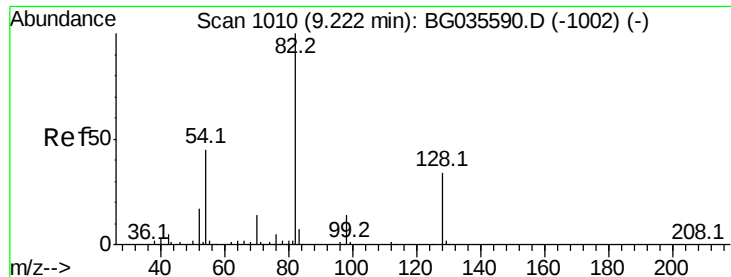
136 100

137 10.9 9.2 13.8

54 7.4 10.3 15.5#

68 4.7 4.5 6.7

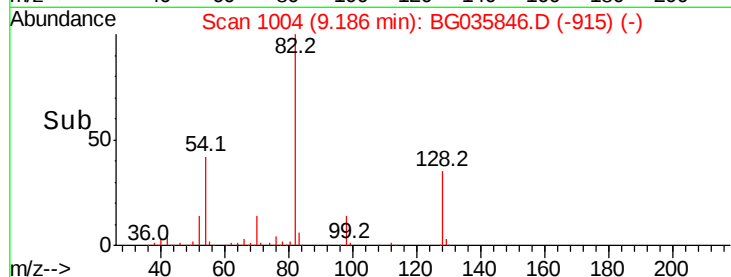
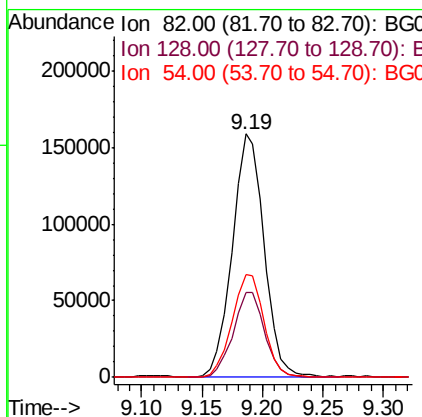
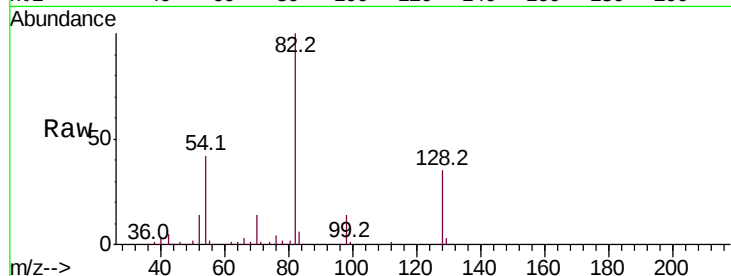




#23
Nitrobenzene-d5
Concen: 82.582 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG035846.D
Acq: 24 Jul 2018 14:06

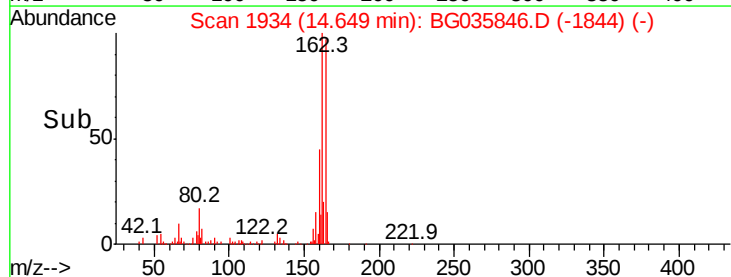
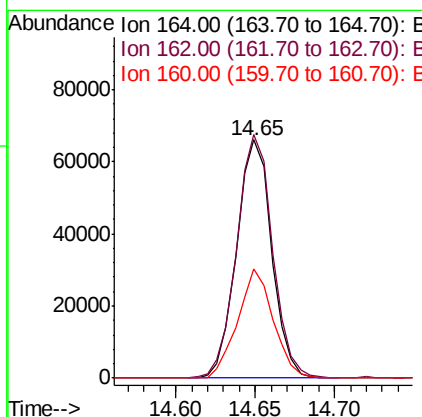
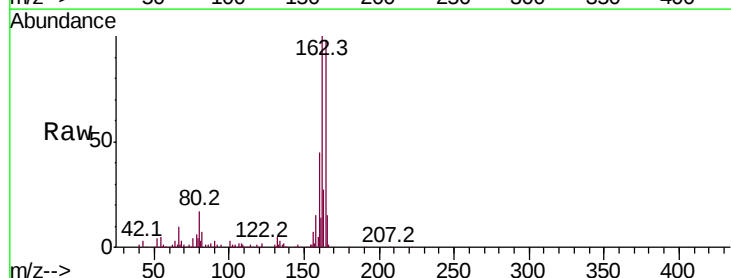
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

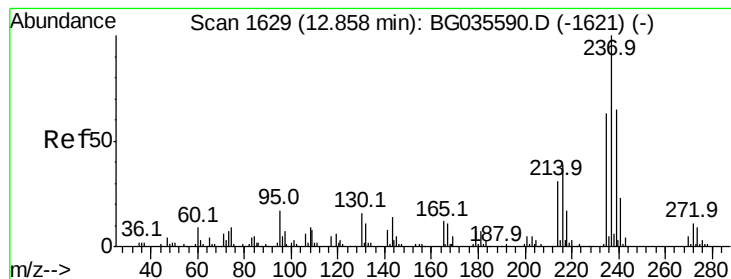
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.7	44.5
54	42.3	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BG035846.D
Acq: 24 Jul 2018 14:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	78.8	118.2
160	45.8	35.4	53.0





#40

Hexachlorocyclopentadiene

Concen: 6.664 ng

RT: 12.82 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BG035846.D

Acq: 24 Jul 2018 14:06

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2018

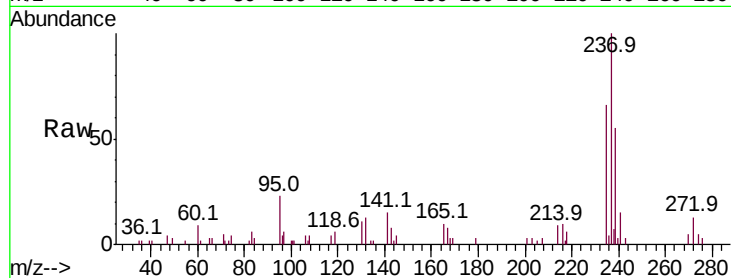
Tot Ion:237 Resp: 13350

Ion Ratio Lower Upper

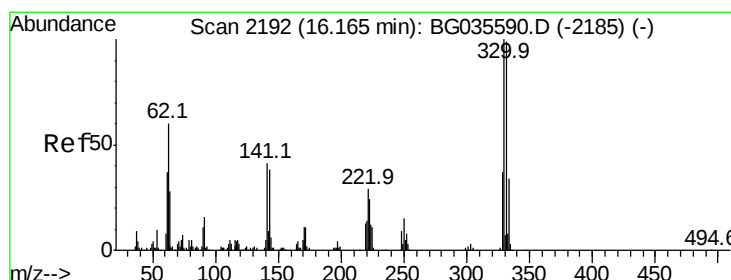
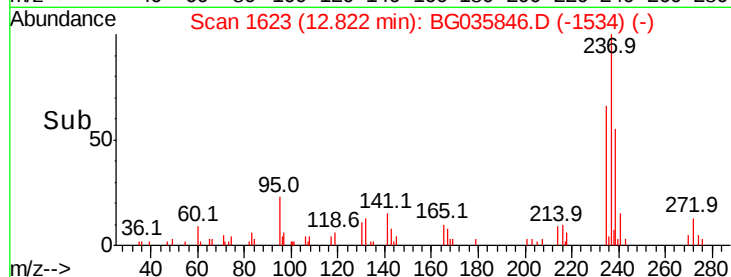
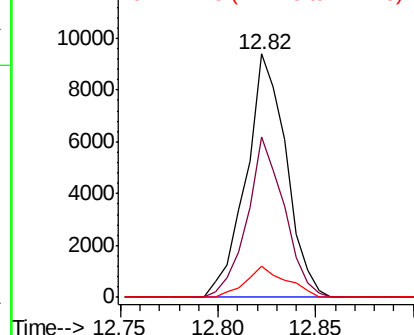
237 100

235 66.0 50.4 90.4

272 12.9 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 141.241 ng

RT: 16.14 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG035846.D

Acq: 24 Jul 2018 14:06

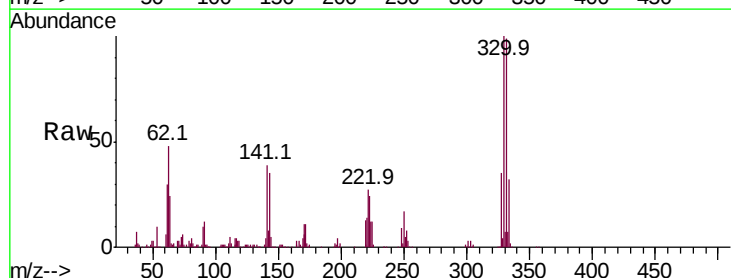
Tgt Ion:330 Resp: 188400

Ion Ratio Lower Upper

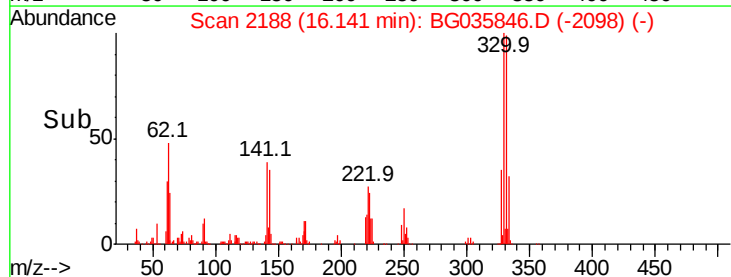
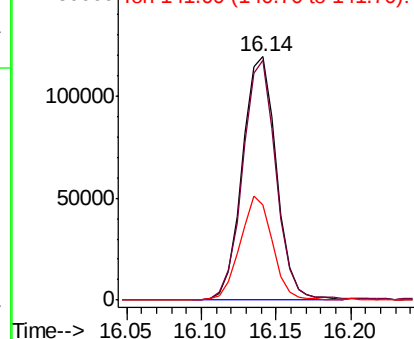
330 100

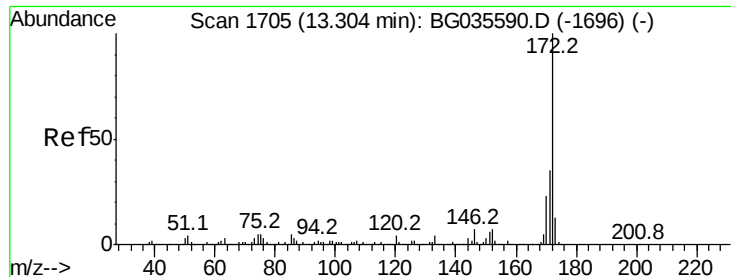
332 97.3 77.0 115.6

141 40.6 25.2 37.8#



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

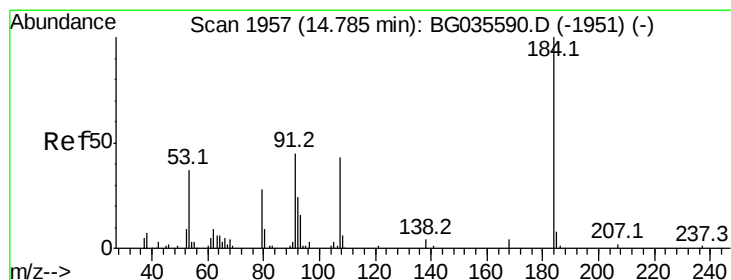
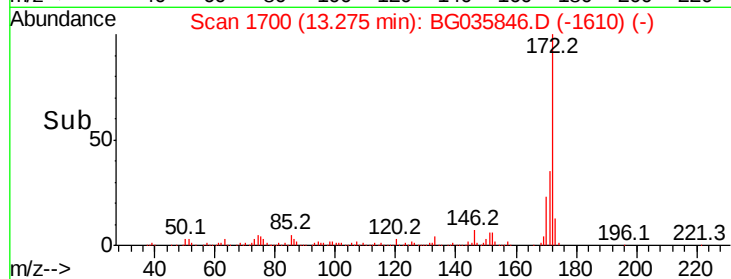
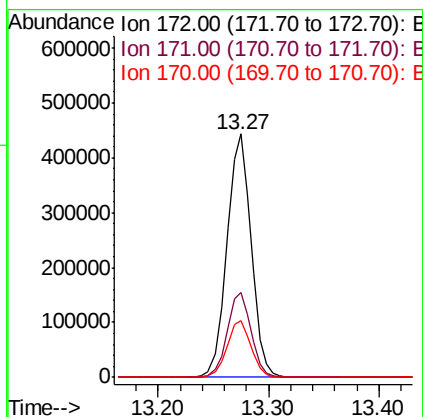
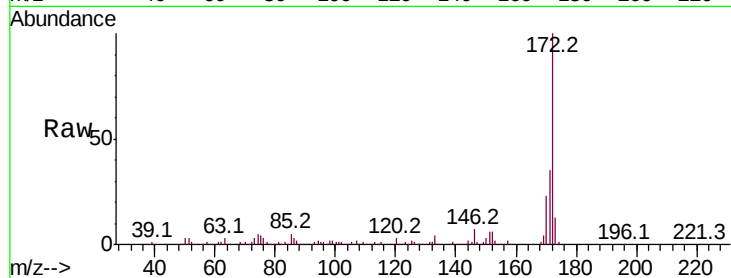




#44
2-Fluorobiphenyl
Concen: 89.784 ng
RT: 13.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: BG035846.D
Acq: 24 Jul 2018 14:06

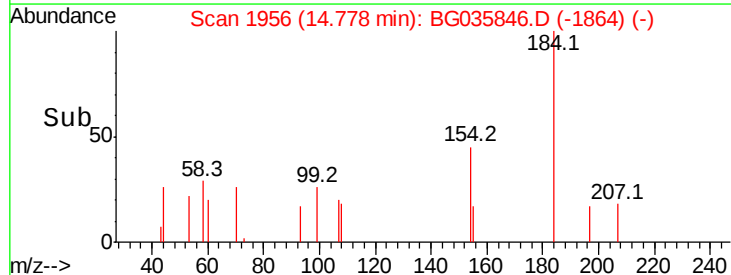
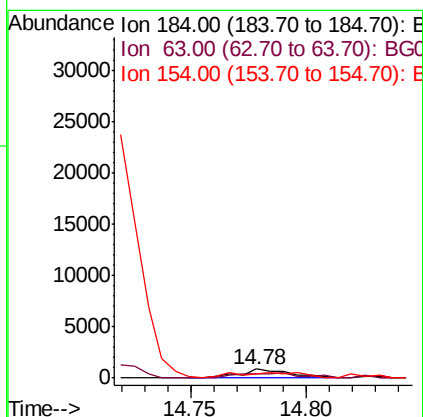
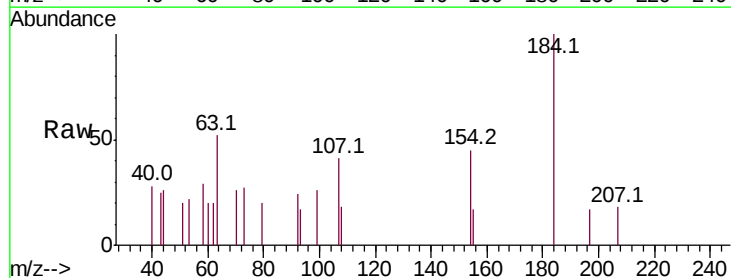
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

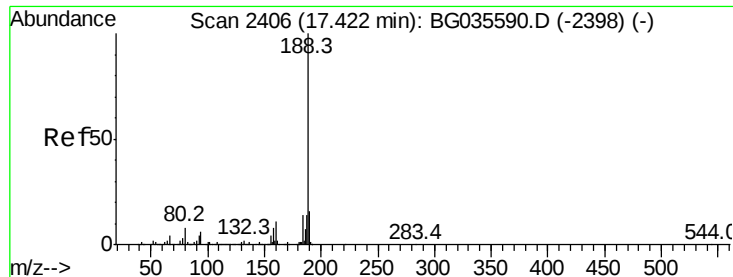
Tot Ion:172 Resp: 678207
Ion Ratio Lower Upper
172 100
171 34.8 30.0 45.0
170 23.4 19.5 29.3



#53
2,4-Dinitrophenol
Concen: 7.927 ng
RT: 14.78 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BG035846.D
Acq: 24 Jul 2018 14:06

Tgt Ion:184 Resp: 1361
Ion Ratio Lower Upper
184 100
63 51.9 59.8 89.8#
154 45.4 101.8 152.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035846.D

Acq: 24 Jul 2018 14:06

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2018

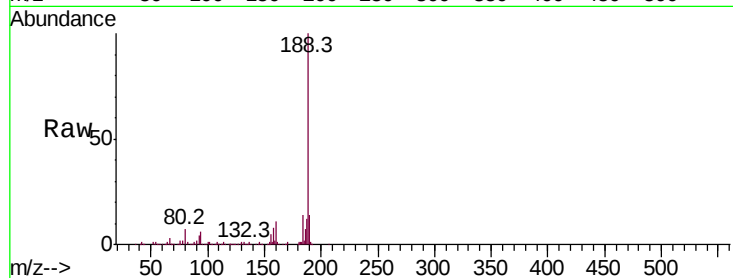
Tot Ion:188 Resp: 280781

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

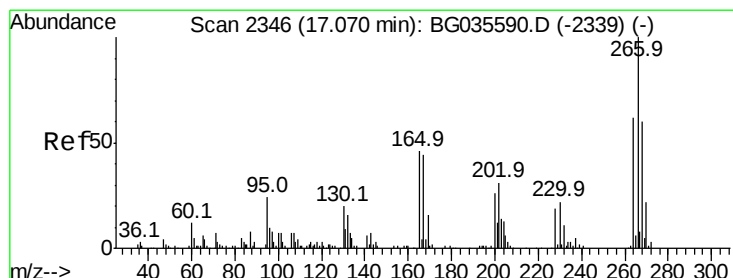
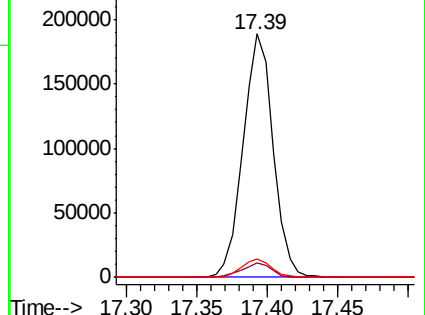
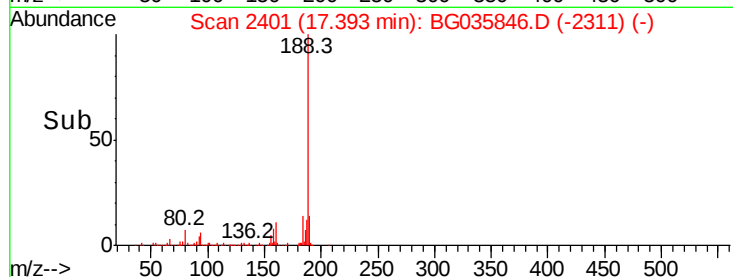
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#69

Pentachlorophenol

Concen: 2.921 ng

RT: 17.05 min Scan# 2343

Delta R.T. 0.01 min

Lab File: BG035846.D

Acq: 24 Jul 2018 14:06

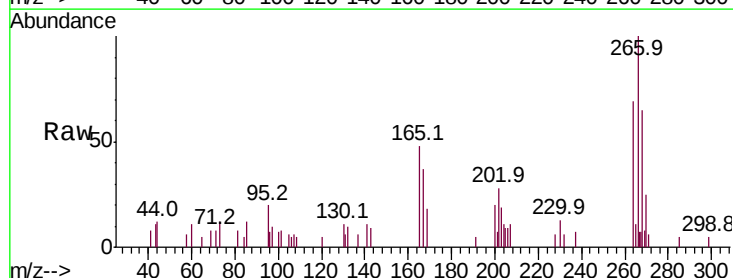
Tgt Ion:266 Resp: 5968

Ion Ratio Lower Upper

266 100

268 65.0 51.1 76.7

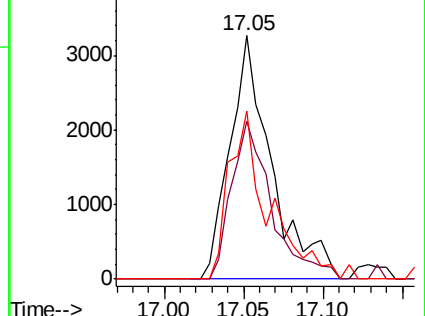
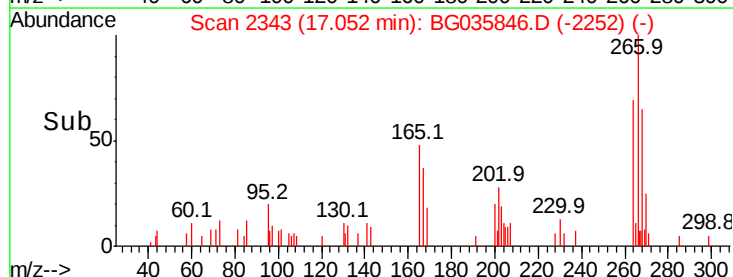
264 68.9 49.6 74.4

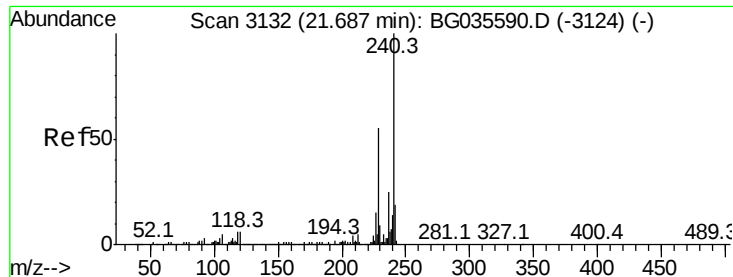


Abundance Ion 265.70 (265.40 to 266.40): E

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: 21.66 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG035846.D

Acq: 24 Jul 2018 14:06

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LOD-MDL-SOIL-01-QT3-2018

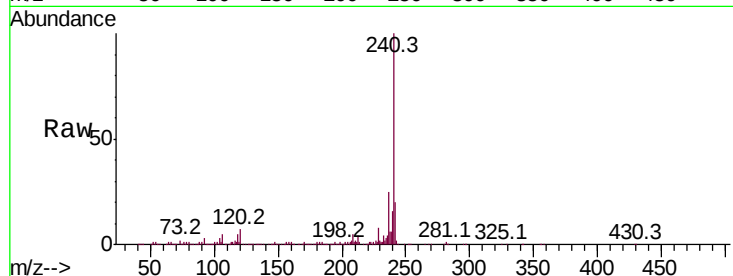
Tot Ion:240 Resp: 294012

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

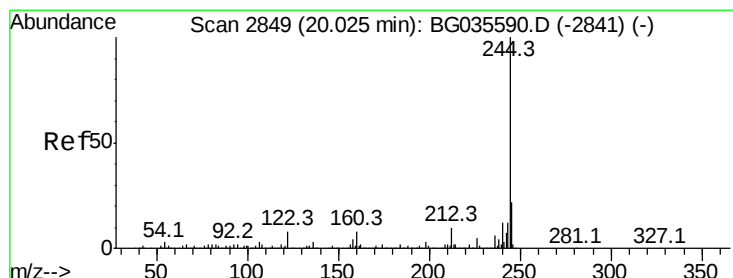
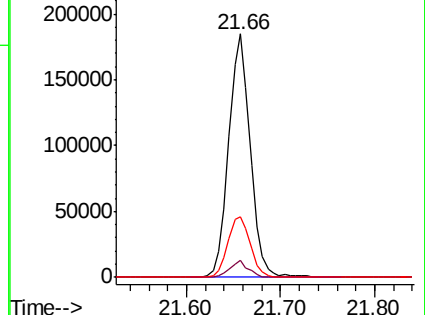
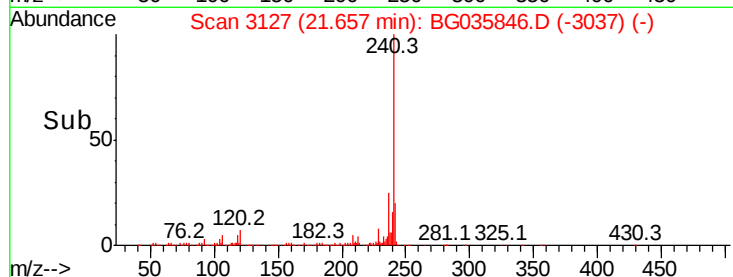
236 24.8 20.9 31.3



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: 102.791 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG035846.D

Acq: 24 Jul 2018 14:06

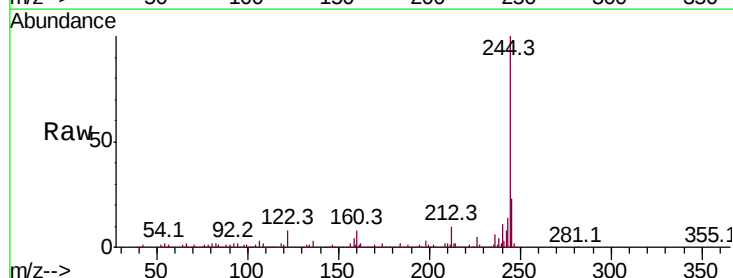
Tgt Ion:244 Resp: 1371042

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

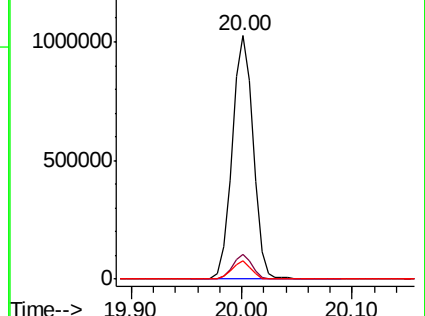
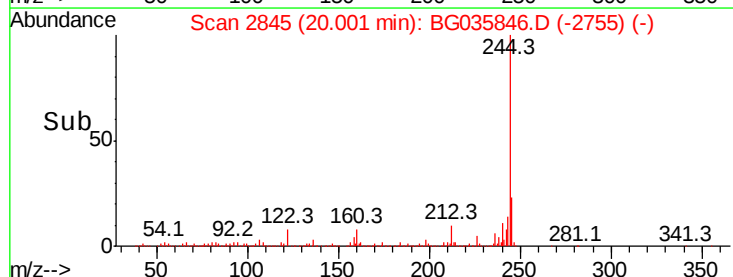
122 7.6 7.0 10.4

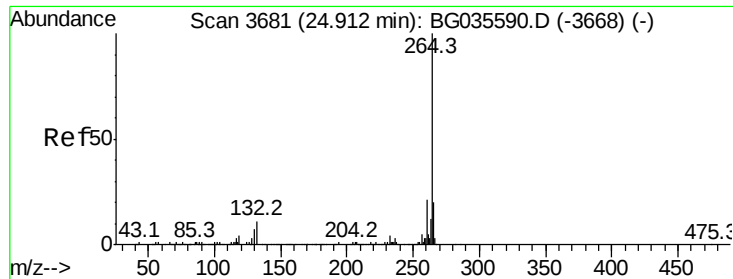


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035846.D
Acq: 24 Jul 2018 14:06

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	20.3	17.7	26.5

