

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
 Data File : BG034093.D
 Acq On : 2 May 2018 00:19
 Operator : SJ/JU
 Sample : J2133-03
 Misc : 5PPM MDL
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 5/2/2018 4:50:49 PM

Quant Time: May 02 07:07:57 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	61122	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	238799	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	185461	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	482873	20.00	ng	0.00
75) Chrysene-d12	21.76	240	561845	20.00	ng	0.00
86) Perylene-d12	25.05	264	565947	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	529099	139.86	ng	0.00
7) Phenol-d6	7.22	99	750836	127.48	ng	0.00
23) Nitrobenzene-d5	9.23	82	542618	87.18	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	348486	135.70	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1119253	87.94	ng	0.00
78) Terphenyl-d14	20.09	244	2123138	82.78	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.56	88	9432	5.937	ng	# 79
3) Pyridine	3.96	79	23650	4.745	ng	# 77
4) n-Nitrosodimethylamine	3.86	42	14064	5.175	ng	# 51
32) Benzoic acid	10.10	122	8484m	5.791	ng	
33) 4-Chloroaniline	11.04	127	28162	4.976	ng	# 92
35) Caprolactam	11.77	113	7423m	4.782	ng	
52) 3-Nitroaniline	14.61	138	15506	4.981	ng	# 87
55) 4-Nitrophenol	14.90	139	9552	4.020	ng	# 59
64) 4,6-Dinitro-2-methylphenol	15.83	198	8188	3.606	ng	82

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

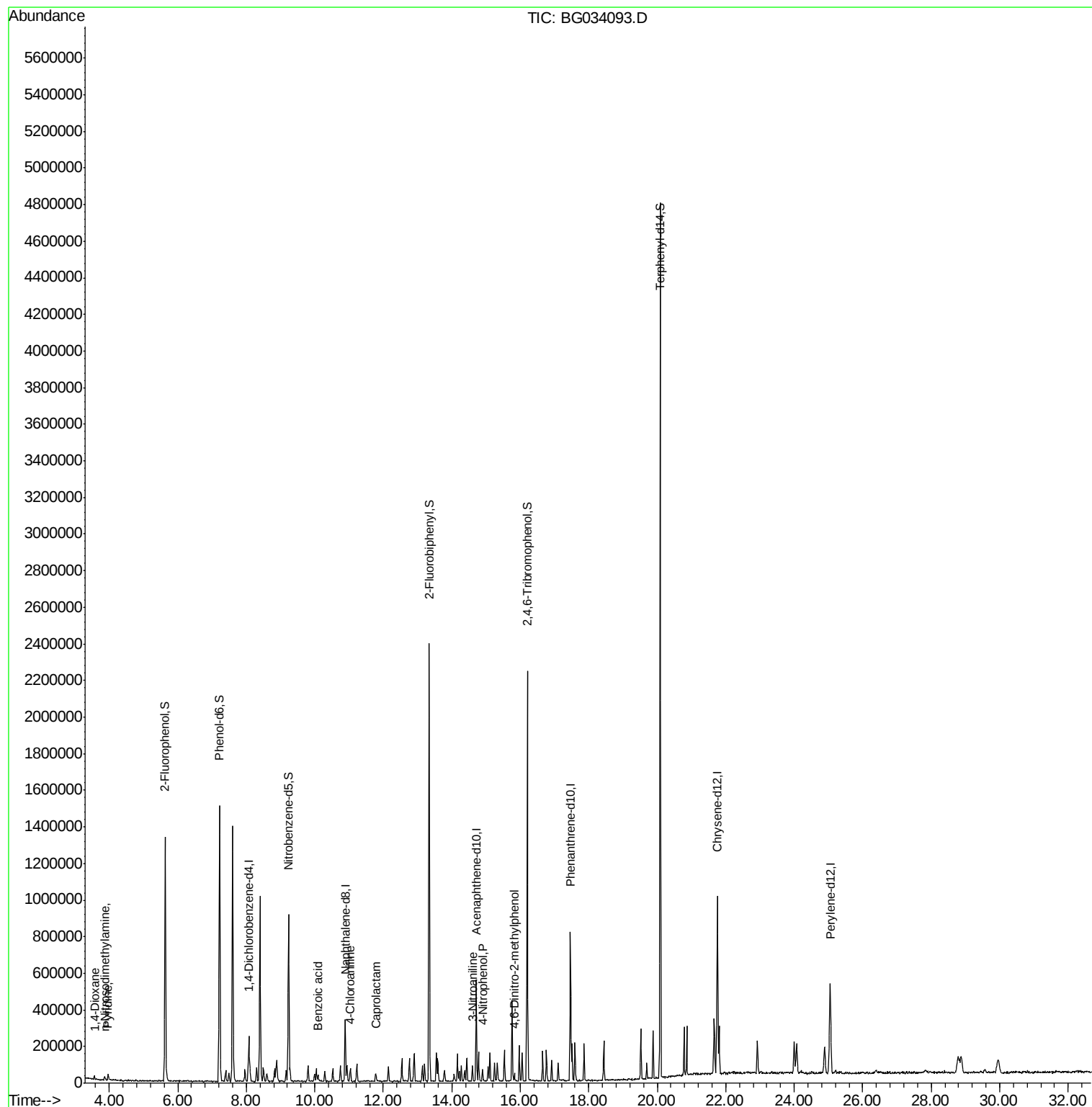
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034093.D
Acq On : 2 May 2018 00:19
Operator : SJ/JU
Sample : J2133-03
Misc : 5PPM MDL
ALS Vial : 11 Sample Multiplier: 1

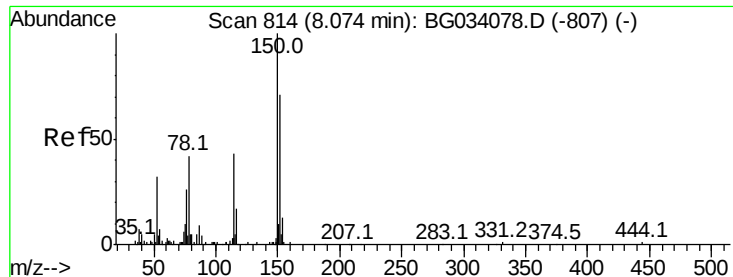
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2018

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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: BG034093.D

Acq: 2 May 2018 00:19

Instrument :

BNA_G

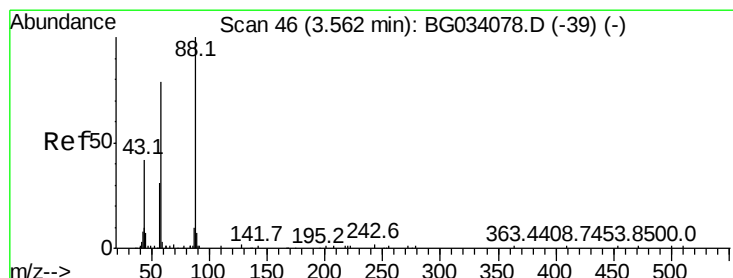
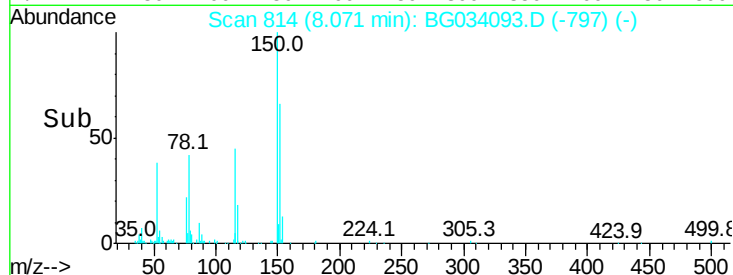
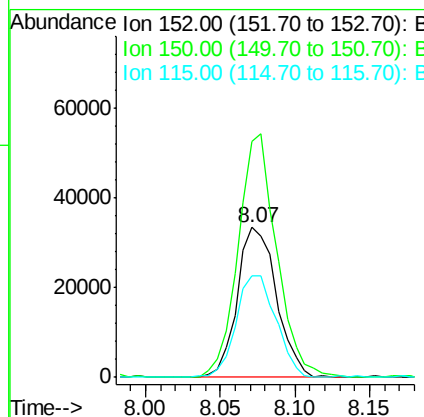
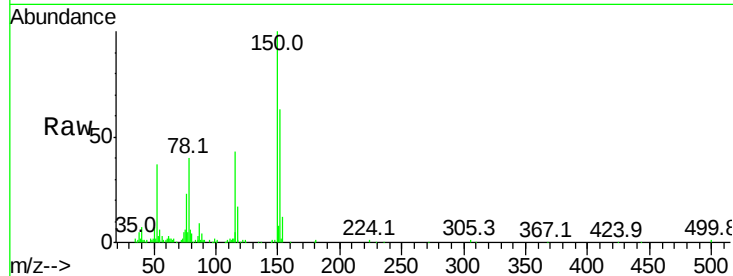
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:	152	Resp:	61122
Ion Ratio	Lower	Upper	
152	100		
150	157.8	126.6	189.8
115	68.1	53.0	79.4

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#2

1,4-Dioxane

Concen: 5.937 ng

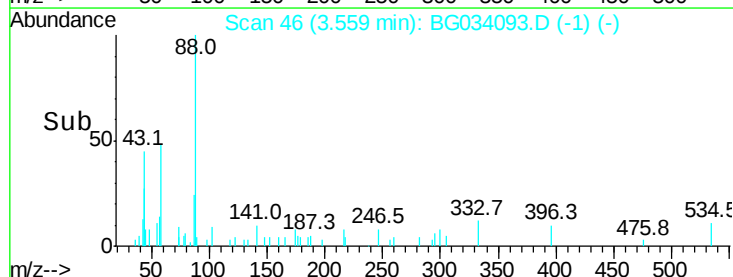
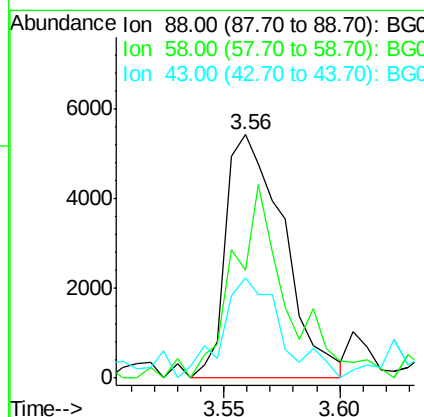
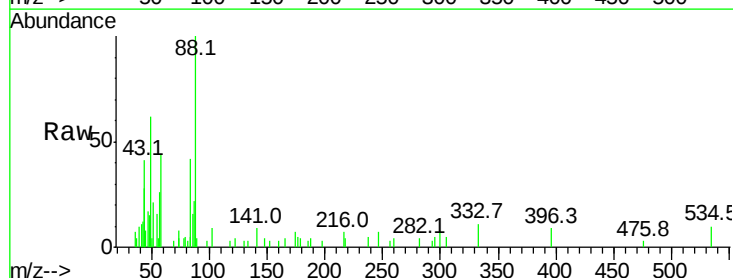
RT: 3.56 min Scan# 46

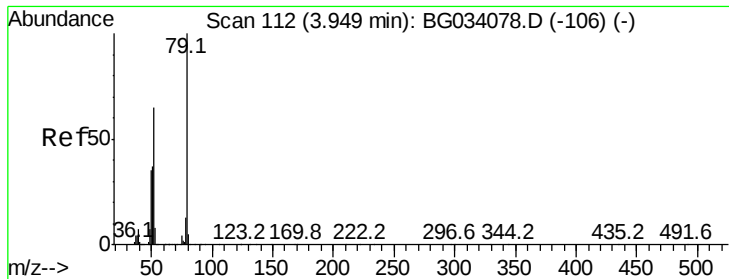
Delta R.T. -0.00 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Tgt Ion:	88	Resp:	9432
Ion Ratio	Lower	Upper	
88	100		
58	76.1	79.6	119.4#
43	42.2	27.4	41.0#





#3

Pvridine

Concen: 4.745 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.01 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Instrument :

BNA_G

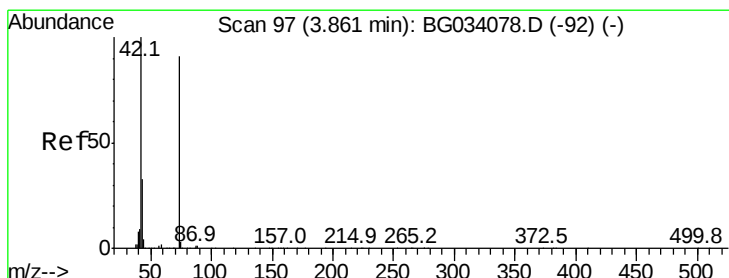
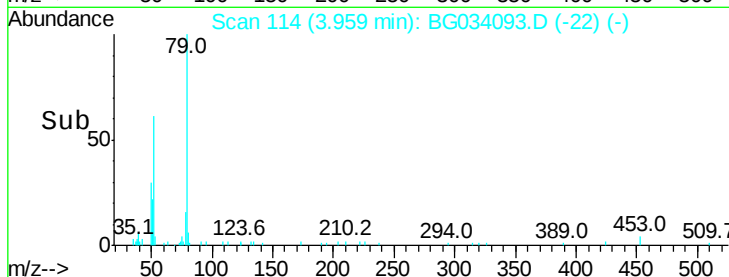
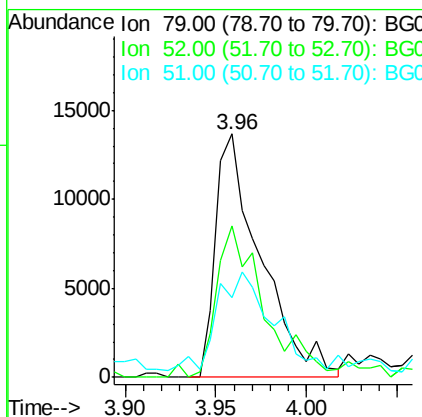
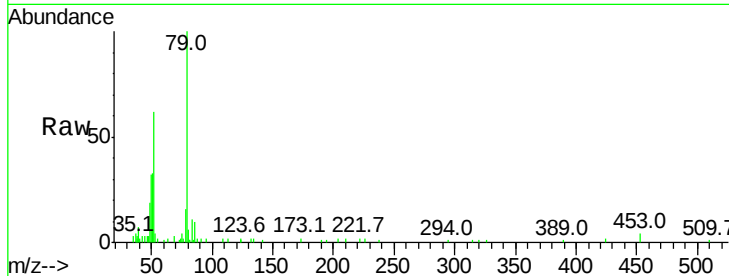
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:	79	Resp:	23650
Ion Ratio	Lower	Upper	
79	100		
52	62.3	69.9	104.9#
51	32.9	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 5.175 ng

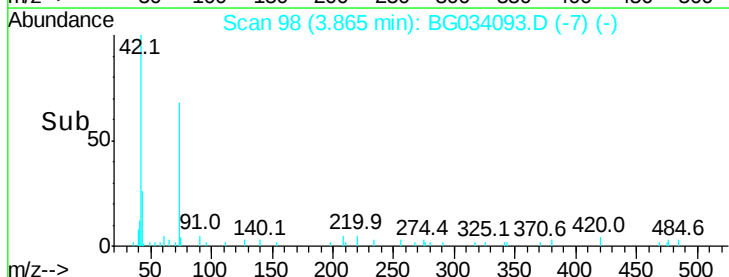
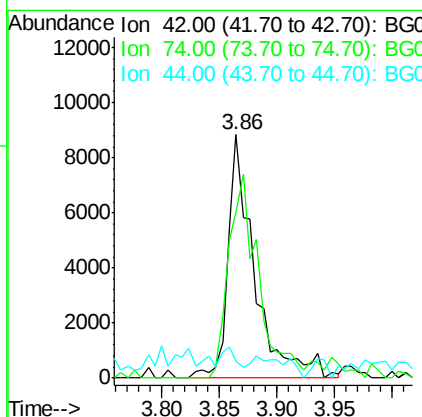
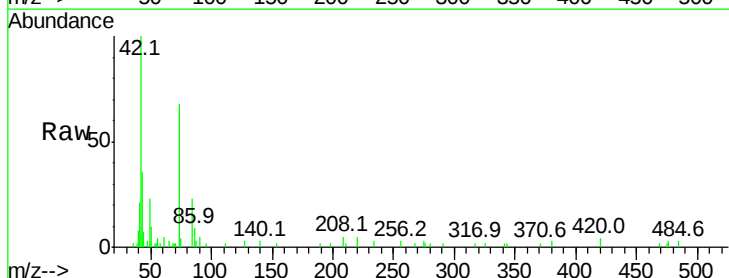
RT: 3.86 min Scan# 98

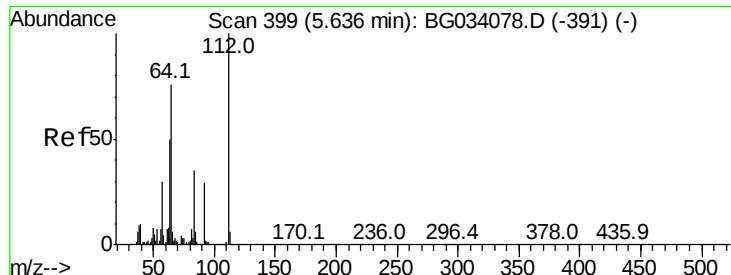
Delta R.T. 0.00 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Tgt Ion:	42	Resp:	14064
Ion Ratio	Lower	Upper	
42	100		
74	67.9	102.5	153.7#
44	6.8	18.9	28.3#





#5

2-Fluorophenol

Concen: 139.856 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Instrument :

BNA_G

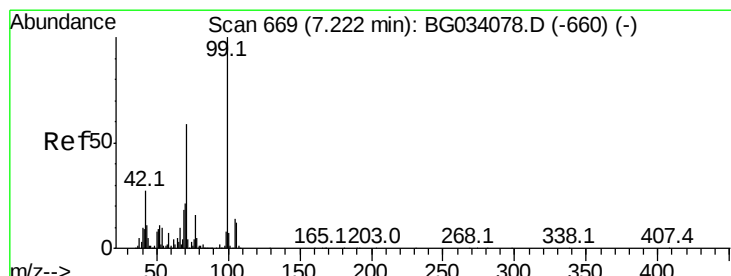
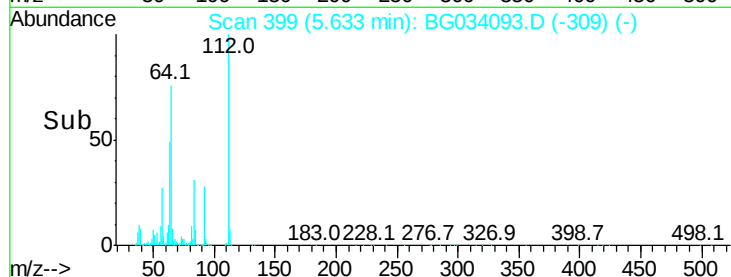
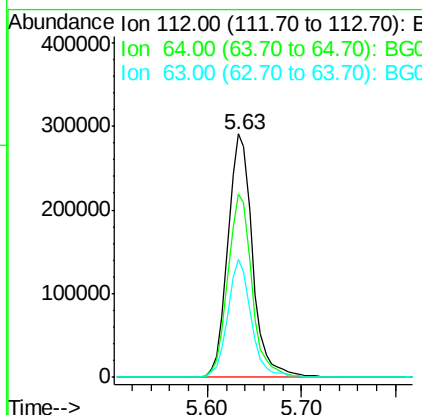
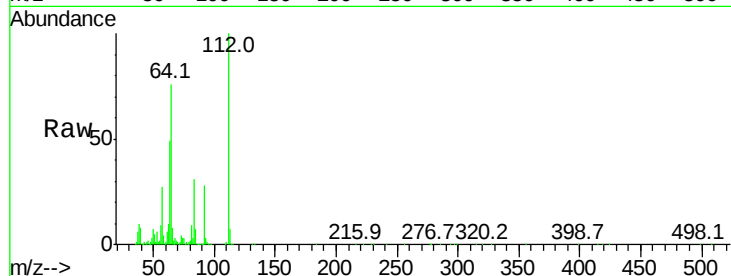
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:	112	Resp:	529099
Ion Ratio	Lower	Upper	
112	100		
64	75.6	56.3	84.5
63	48.8	30.1	45.1

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#7

Phenol-d6

Concen: 127.483 ng

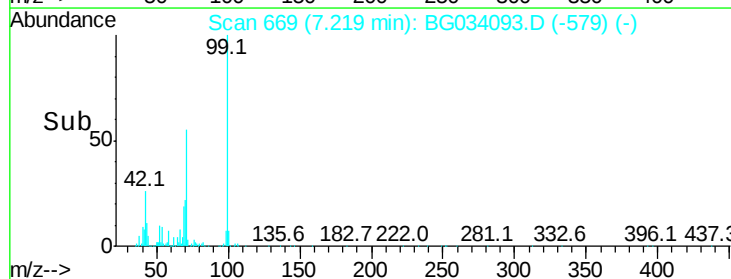
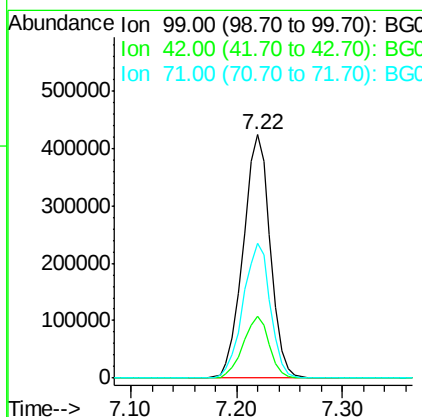
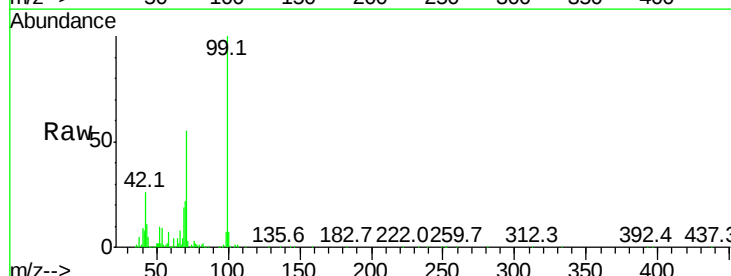
RT: 7.22 min Scan# 669

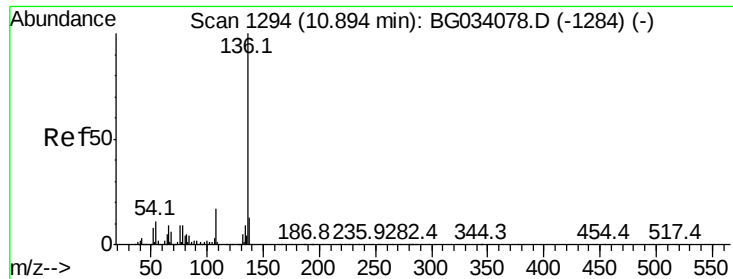
Delta R.T. -0.00 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Tgt Ion:	99	Resp:	750836
Ion Ratio	Lower	Upper	
99	100		
42	25.6	14.1	21.1
71	55.4	26.1	39.1





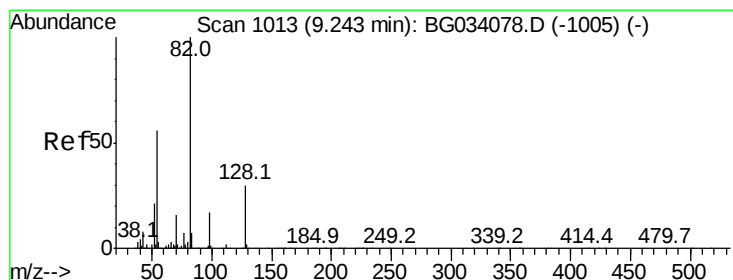
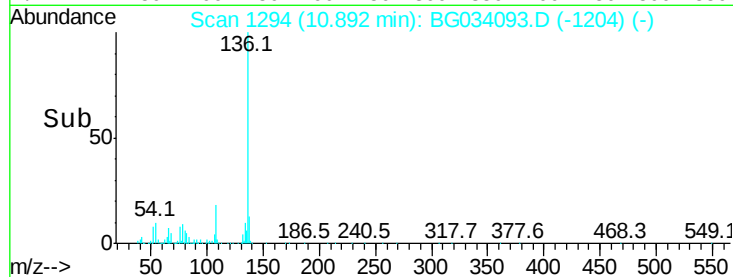
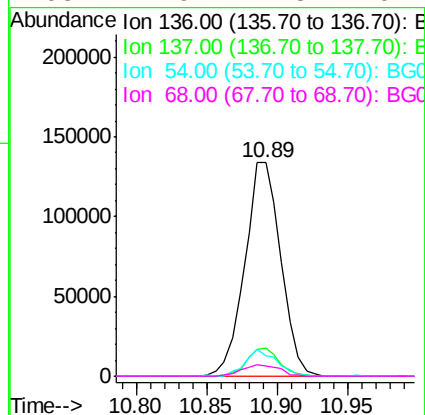
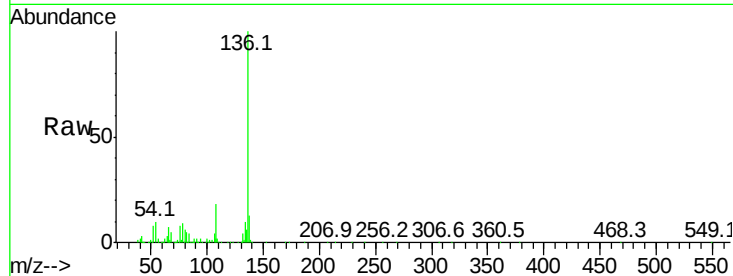
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG034093.D
Acq: 2 May 2018 00:19

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

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	13.0	9.2	13.8
54	9.5	10.3	15.5#
68	4.9	4.5	6.7

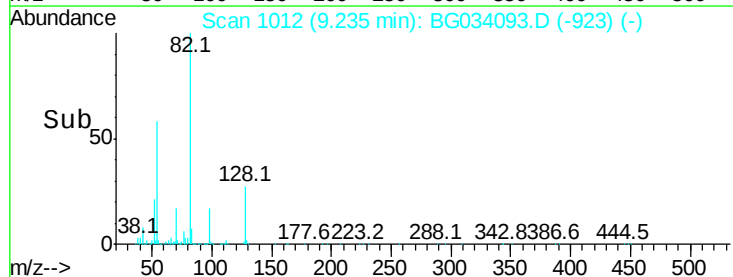
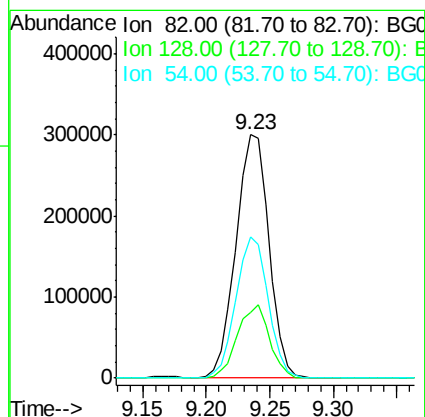
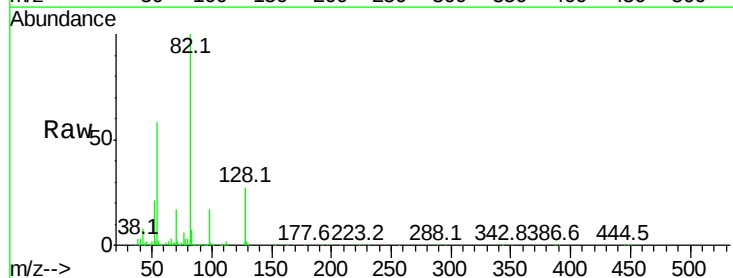
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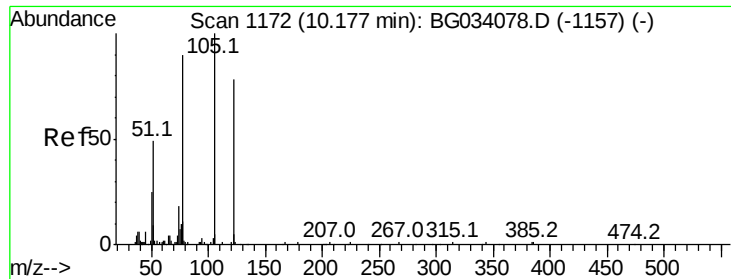
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#23
Nitrobenzene-d5
Concen: 87.183 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034093.D
Acq: 2 May 2018 00:19

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	27.1	29.7	44.5#
54	57.8	43.1	64.7





#32

Benzoic acid

Concen: 5.791 ng/mL

RT: 10.10 min Scan# 1159

Delta R.T. -0.08 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Instrument :

BNA_G

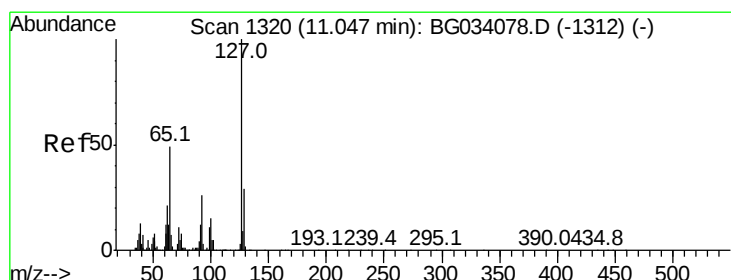
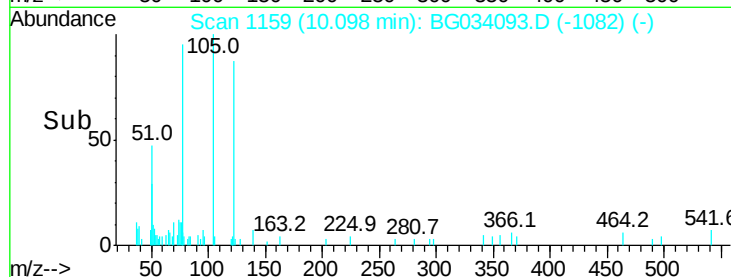
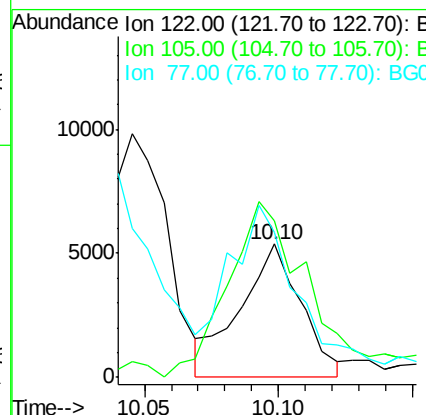
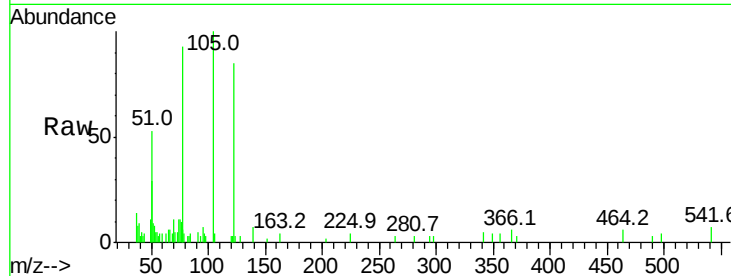
ClientSampleID :

MDL-SOIL-03-QT2-2018

Tot Ion:	122	Resp:	8484
Ion Ratio	Lower	Upper	
122	100		
105	117.8	123.5	163.5#
77	109.1	85.7	125.7

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#33

4-Chloroaniline

Concen: 4.976 ng/mL

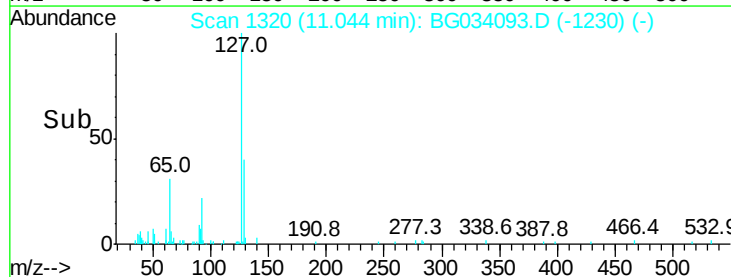
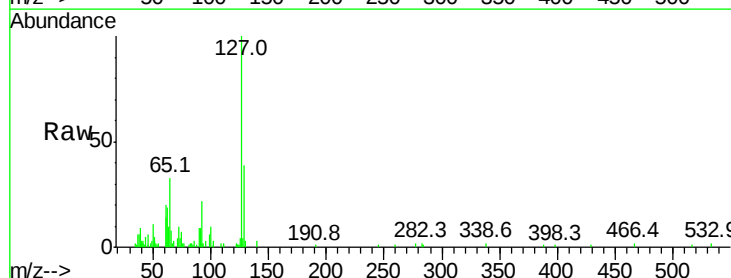
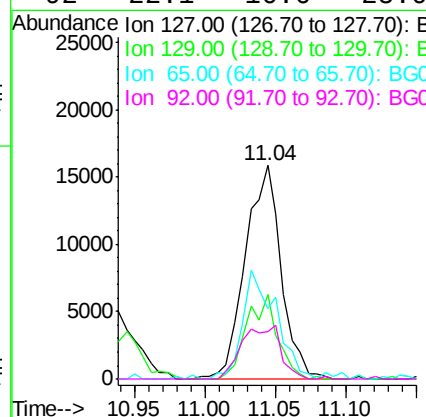
RT: 11.04 min Scan# 1320

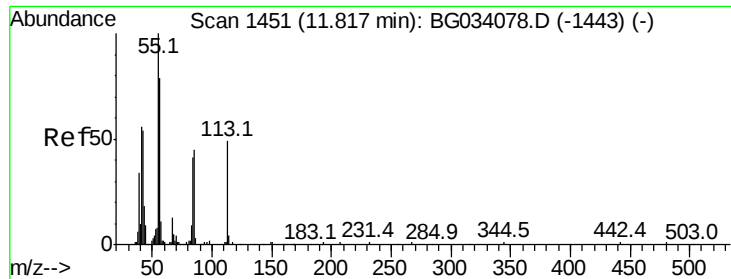
Delta R.T. -0.00 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Tgt Ion:	127	Resp:	28162
Ion Ratio	Lower	Upper	
127	100		
129	39.4	24.0	36.0#
65	32.7	27.0	40.4
92	22.1	16.6	25.0





#35

Caprolactam

Concen: 4.782 ng/ml

RT: 11.77 min Scan# 1444

Delta R.T. -0.04 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Instrument :

BNA_G

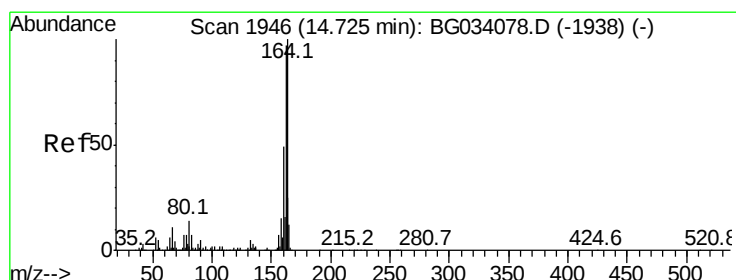
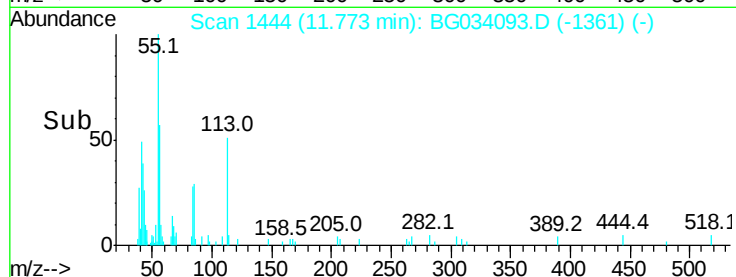
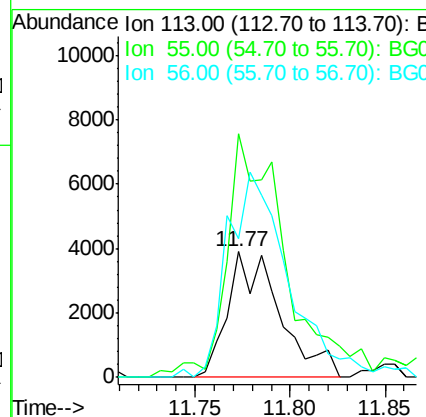
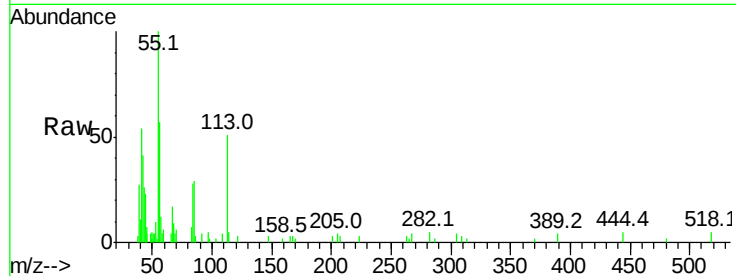
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion:	113	Resp:	7423
Ion Ratio	Lower	Upper	
113	100		
55	194.3	186.9	226.9
56	110.4	130.9	170.9

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

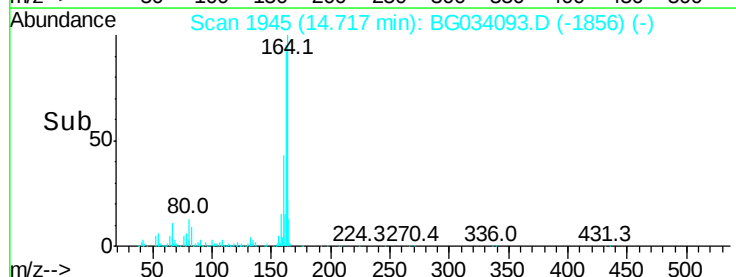
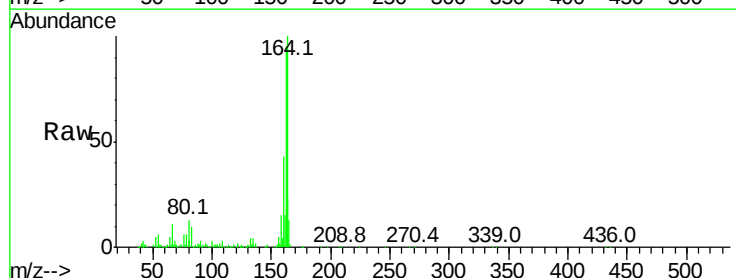
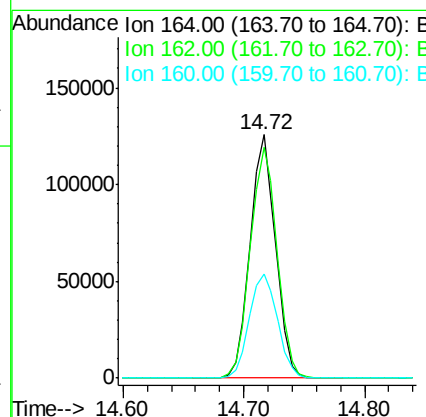
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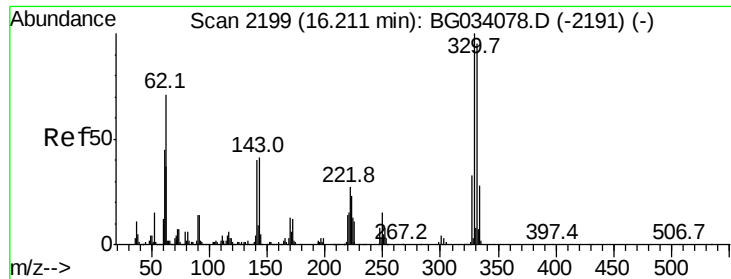
Delta R.T. -0.01 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Tgt Ion:	164	Resp:	185461
Ion Ratio	Lower	Upper	
164	100		
162	94.9	78.8	118.2
160	43.0	35.4	53.0





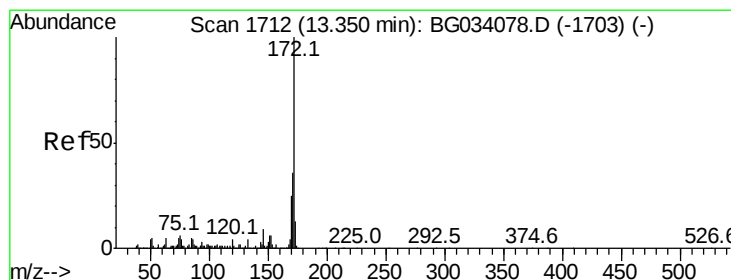
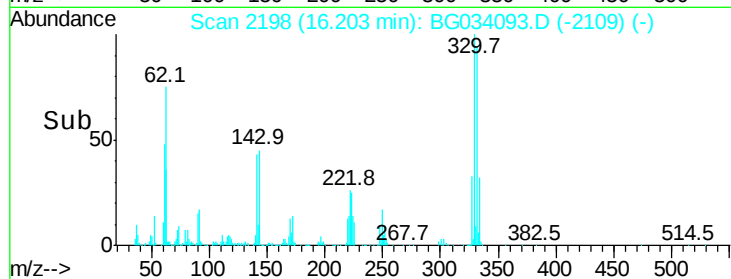
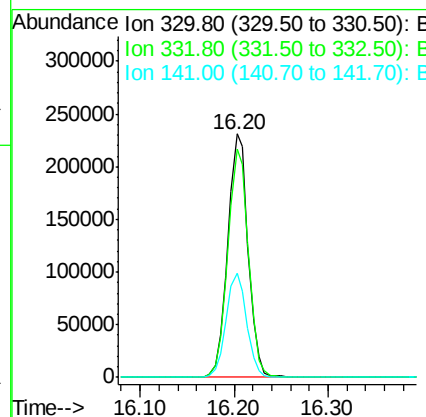
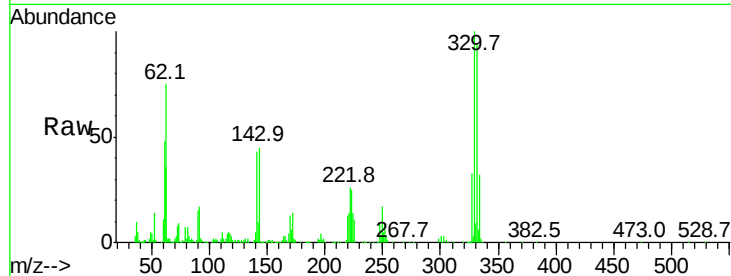
#41
 2,4,6-Tribromophenol
 Concen: 135.698 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG034093.D
 Acq: 2 May 2018 00:19

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	43.3	25.2	37.8

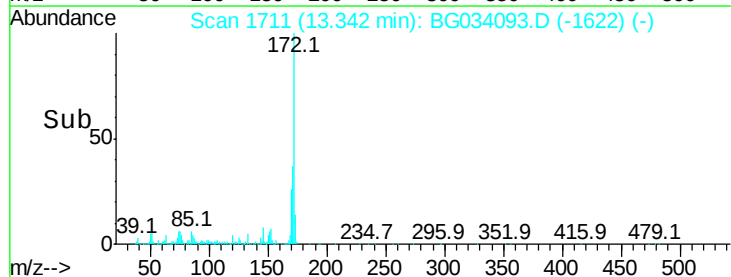
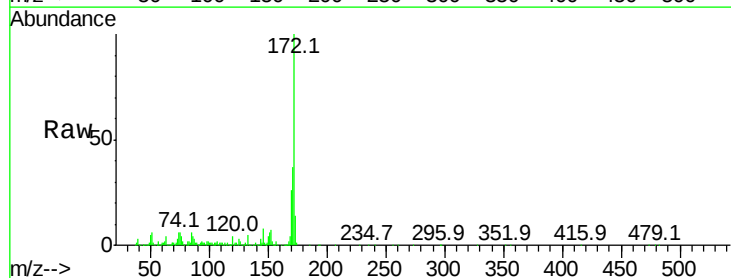
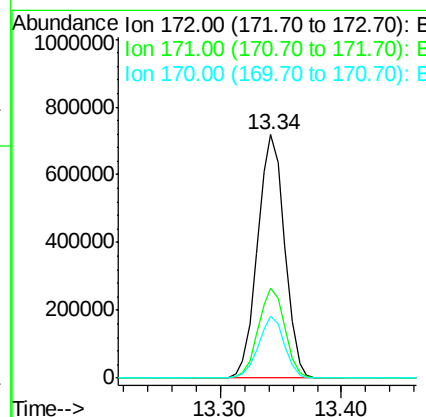
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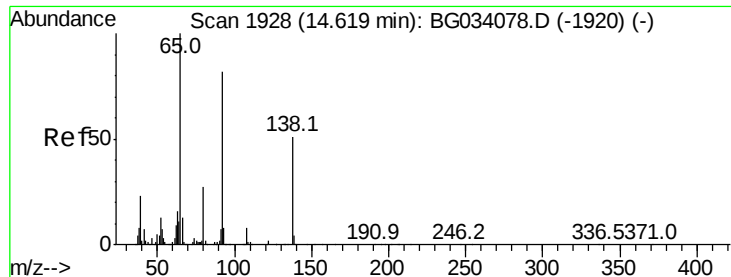
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#44
 2-Fluorobiphenyl
 Concen: 87.939 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034093.D
 Acq: 2 May 2018 00:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	25.6	19.5	29.3





#52

3-Nitroaniline

Concen: 4.981 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Instrument :

BNA_G

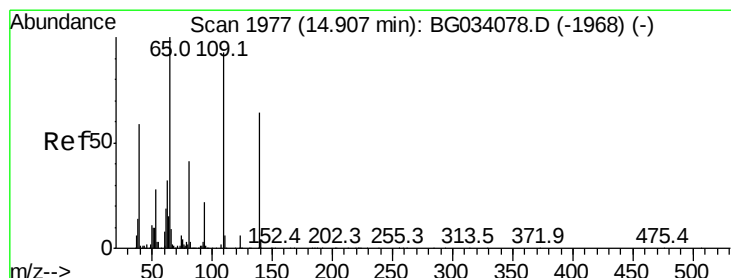
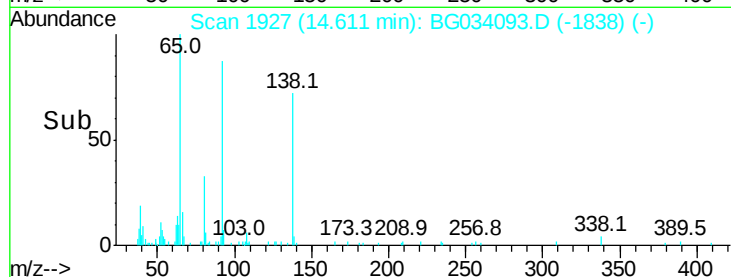
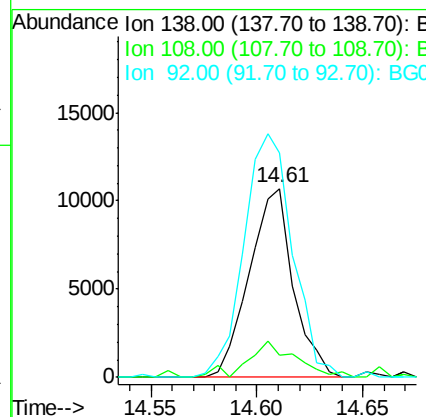
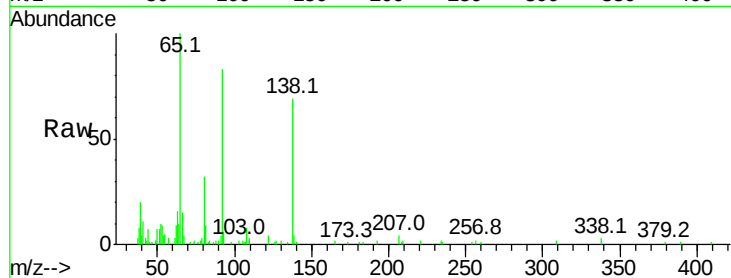
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	17.5	26.3#
92	119.1	105.8	158.8

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#55

4-Nitrophenol

Concen: 4.020 ng

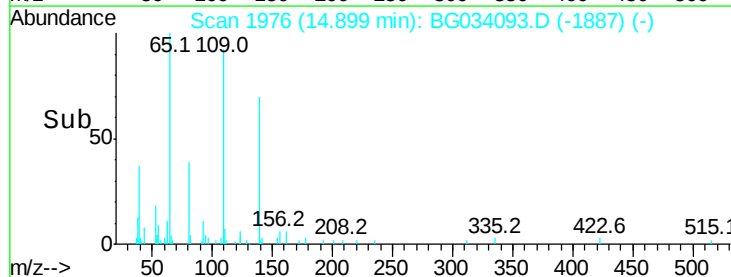
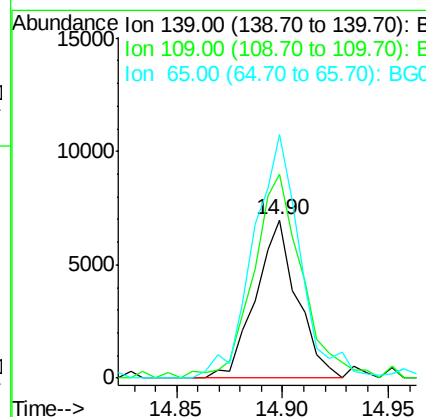
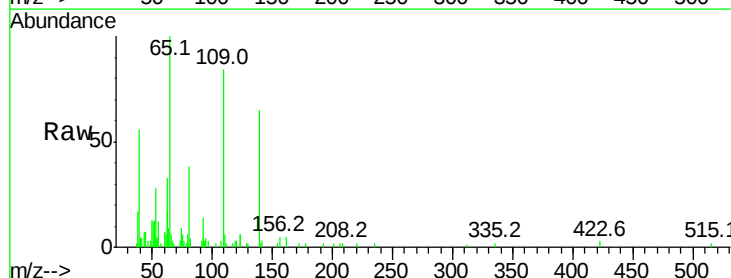
RT: 14.90 min Scan# 1976

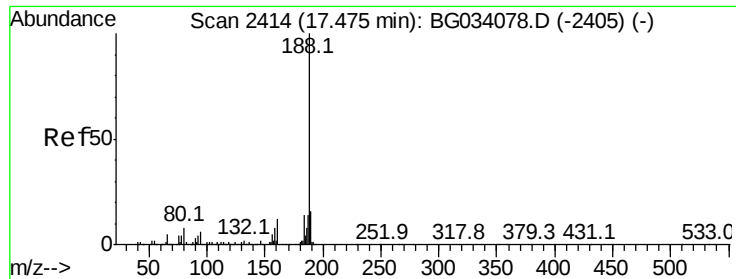
Delta R.T. -0.01 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	128.8	62.2	102.2#
65	154.0	97.2	137.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Instrument :

BNA_G

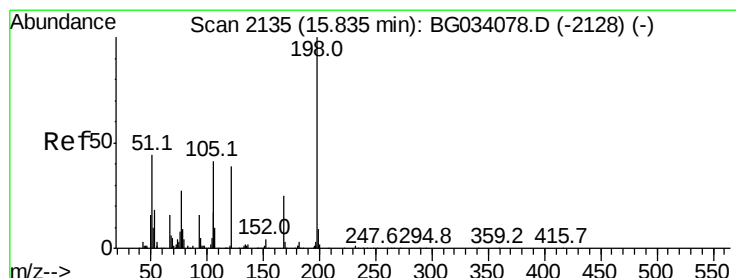
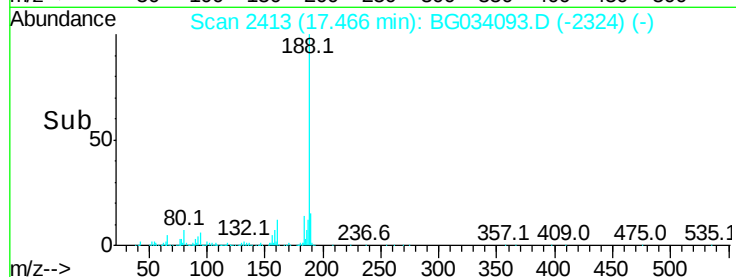
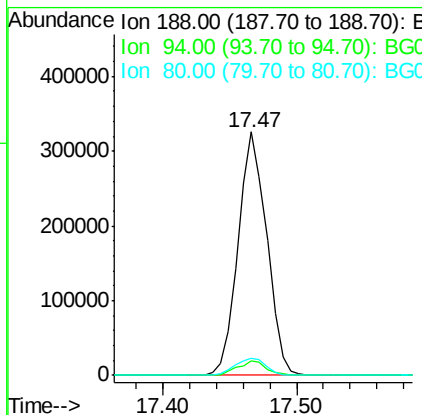
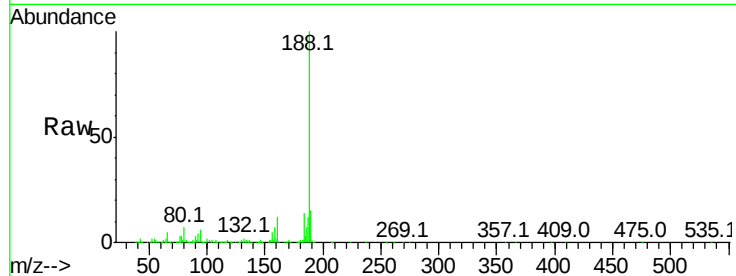
ClientSampleId :

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Tot Ion:	188	Resp:	482873
Ion Ratio	Lower	Upper	
188	100		
94	6.1	6.9	10.3#
80	6.8	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 3.606 ng

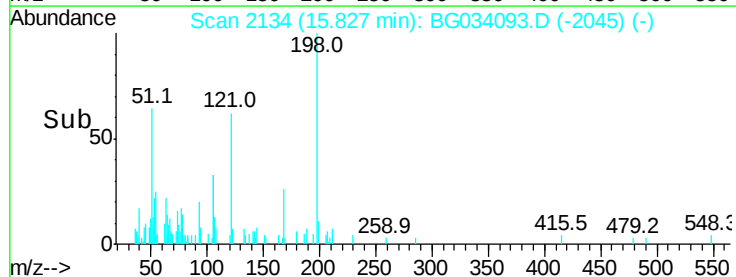
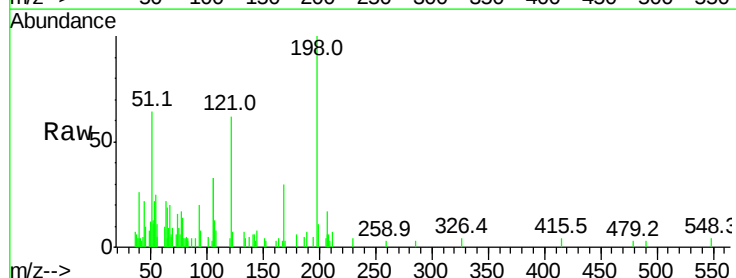
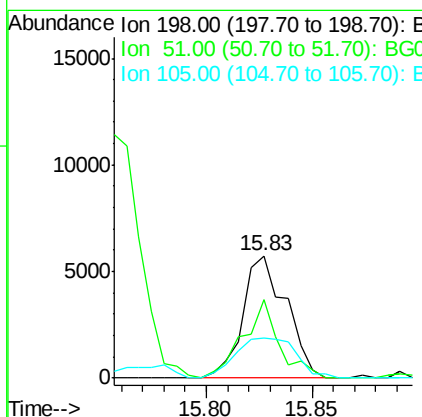
RT: 15.83 min Scan# 2134

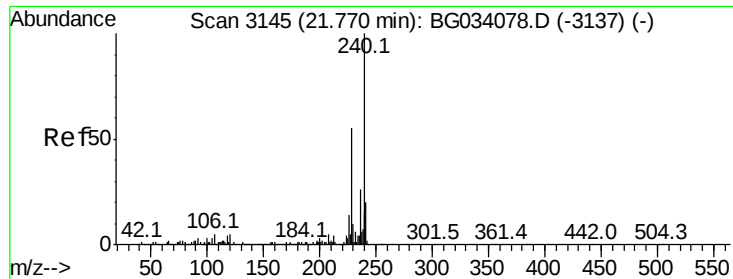
Delta R.T. -0.01 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Tgt Ion:	198	Resp:	8188
Ion Ratio	Lower	Upper	
198	100		
51	64.5	30.6	70.6
105	33.1	23.8	63.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Instrument :

BNA_G

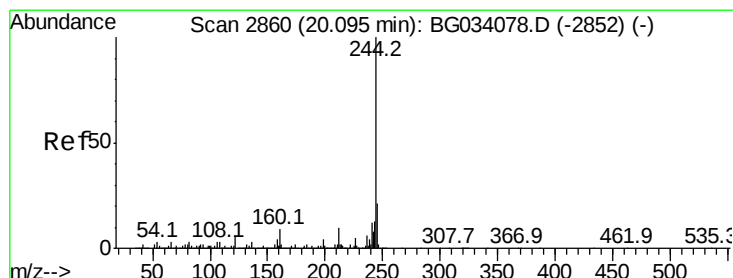
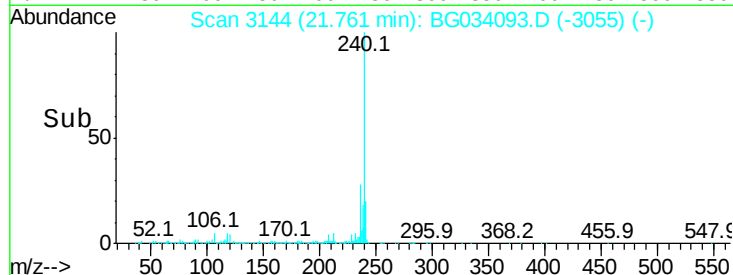
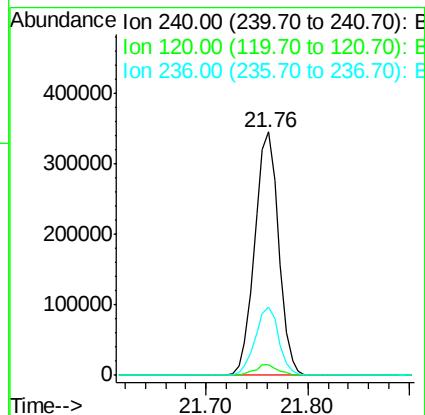
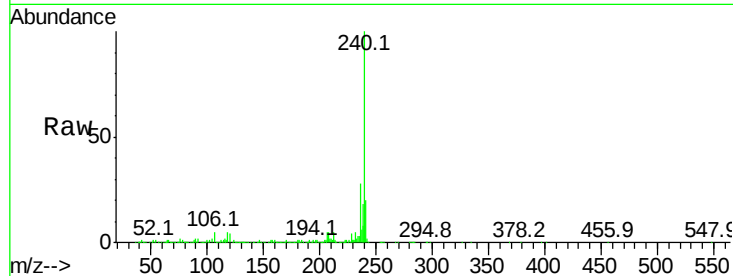
ClientSampleId :

MDL-SOIL-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	4.4	6.8	10.2#	
236	28.2	20.9	31.3	

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#78

Terphenyl-d14

Concen: 82.782 ng

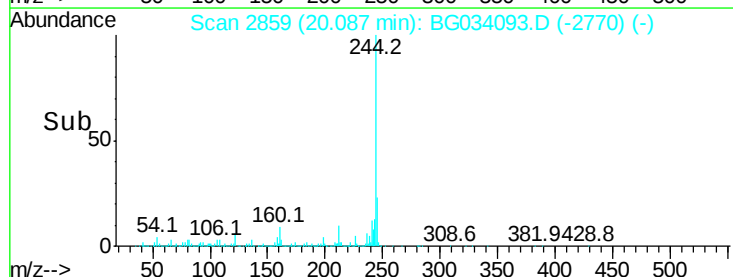
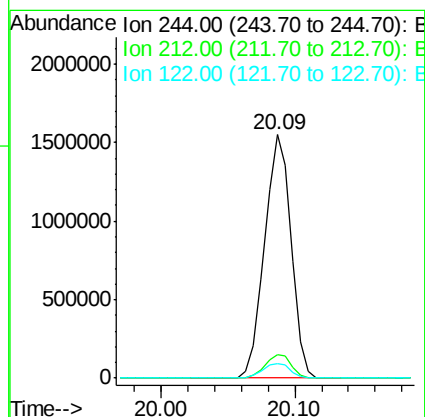
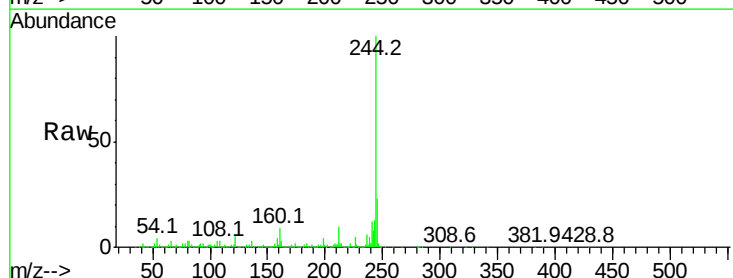
RT: 20.09 min Scan# 2859

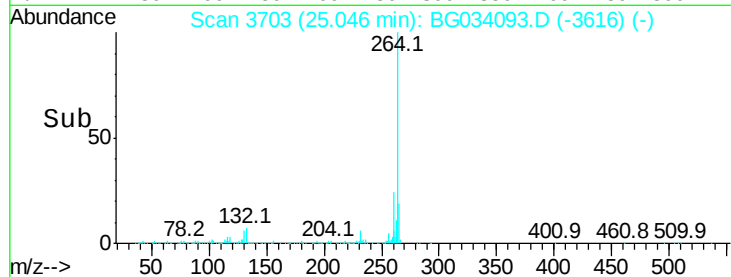
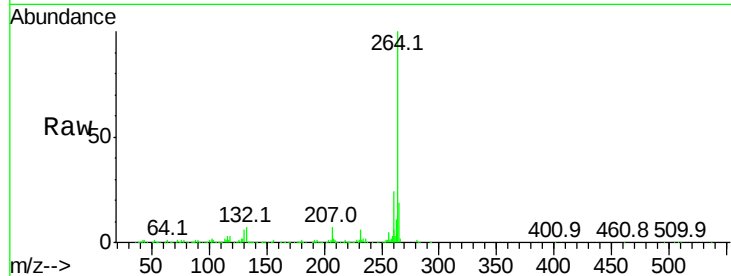
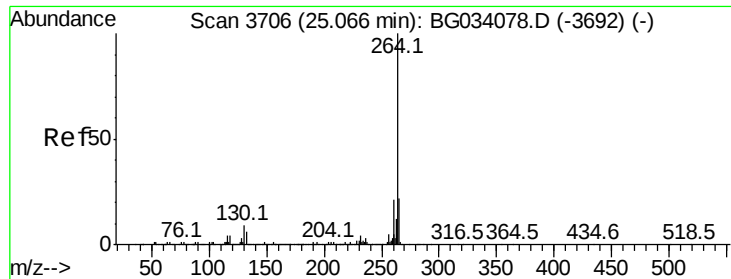
Delta R.T. -0.01 min

Lab File: BG034093.D

Acq: 2 May 2018 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	9.6	5.8	8.8#	
122	6.0	7.0	10.4#	





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.02 min
Lab File: BG034093.D
Acq: 2 May 2018 00:19

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	19.4	17.7	26.5

Manual Integrations
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