

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032538.D
 Acq On : 5 Feb 2018 17:47
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD 5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Manual Integrations
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 2/6/2018 2:35:04 PM

Quant Time: Feb 06 10:03:26 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	22516	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	94194	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	48979	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	192635	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	243733	20.00	ng	-0.01
86) Perylene-d12	26.08	264	264622	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	142389	127.02	ng	0.00
7) Phenol-d6	7.83	99	183291	122.53	ng	0.00
23) Nitrobenzene-d5	9.91	82	85318	56.57	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	180892	194.02	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	487592	118.32	ng	-0.02
78) Terphenyl-d14	20.61	244	1011355	88.88	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.81	88	1416	3.754	ng	# 79
3) Pyridine	4.27	79	3153	3.096	ng	# 75
4) n-Nitrosodimethylamine	4.18	42	1699	3.205	ng	# 51
32) Benzoic acid	10.83	122	565	7.791	ng	# 11
35) Caprolactam	12.46	113	1277m	2.654	ng	
52) 3-Nitroaniline	15.24	138	2184	2.638	ng	# 89
55) 4-Nitrophenol	15.55	139	1778	2.869	ng	# 64

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

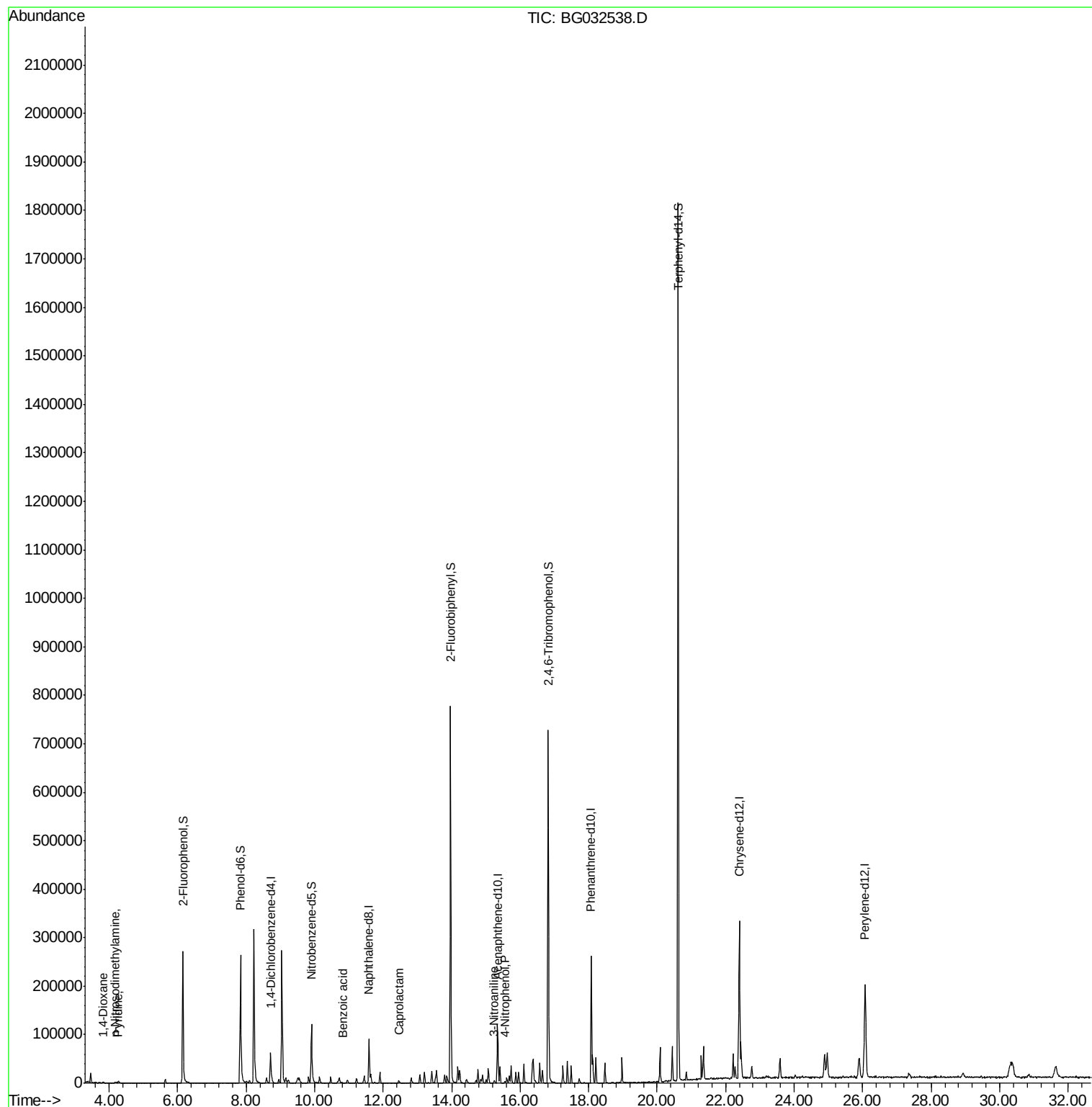
Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032538.D
Acq On : 5 Feb 2018 17:47
Operator : SJ/JU
Sample : J1161-01
Misc : LOD 5PPM
ALS Vial : 5 Sample Multiplier: 1

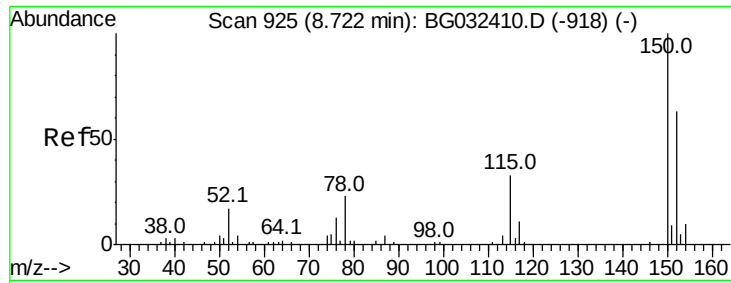
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

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Quant Time: Feb 06 10:03:26 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

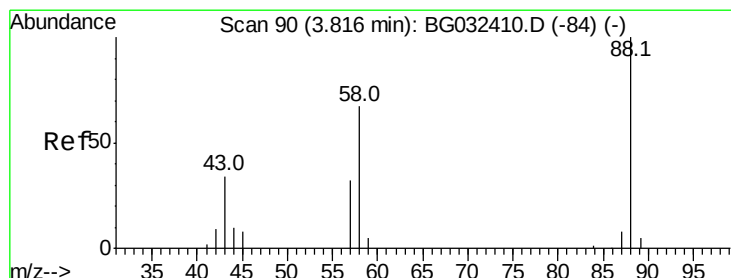
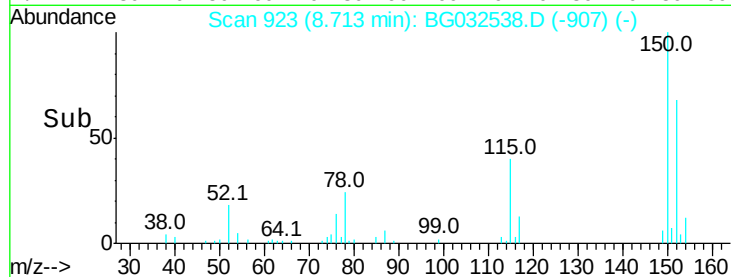
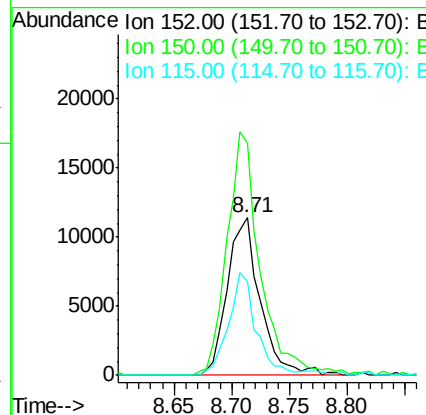
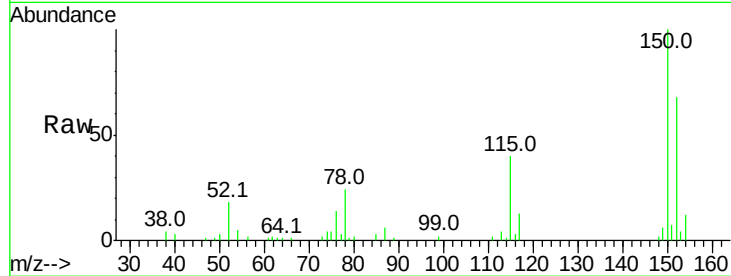
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032538.D
Acq: 5 Feb 2018 17:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.6	189.8
115	59.7	53.0	79.4

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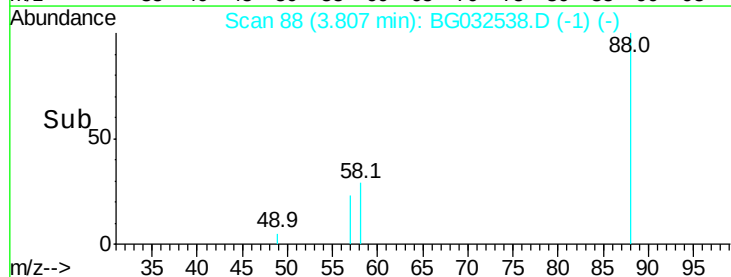
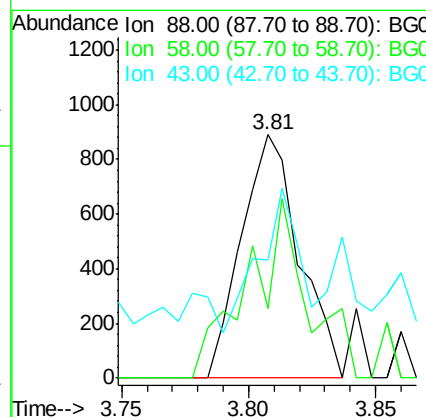
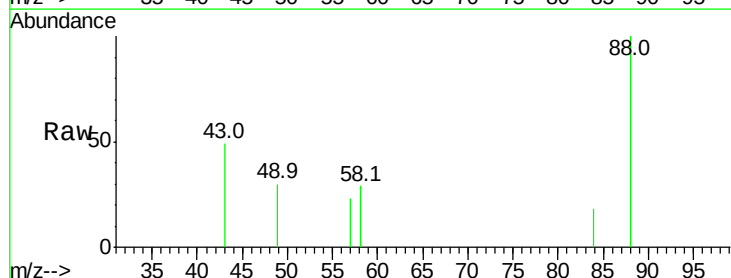
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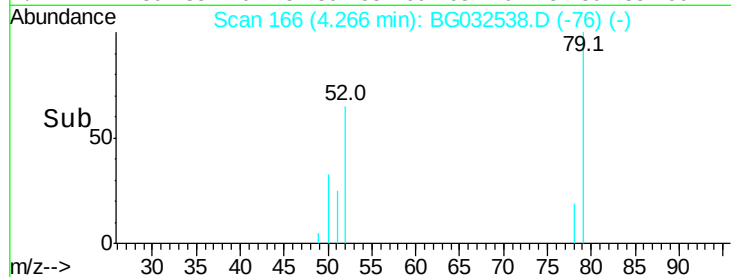
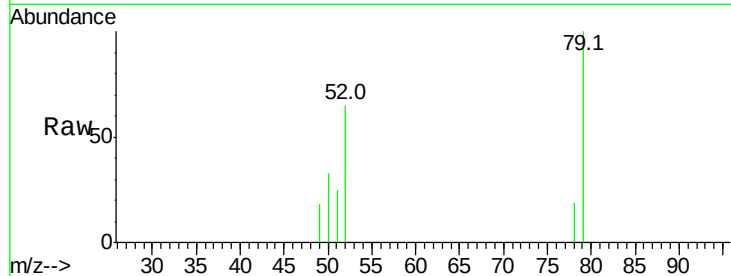
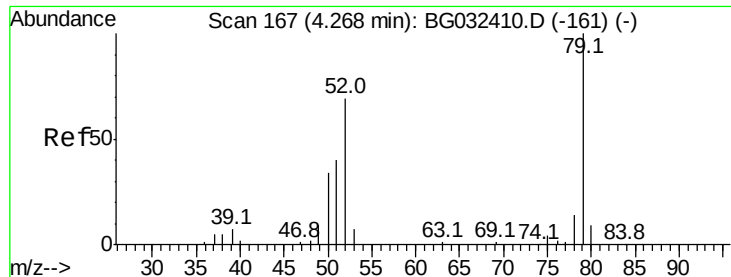


#2

1,4-Dioxane
Concen: 3.754 ng
RT: 3.81 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG032538.D
Acq: 5 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	79.6	119.4#
43	40.8	27.4	41.0





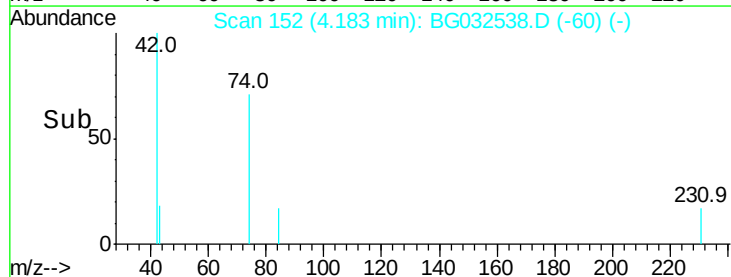
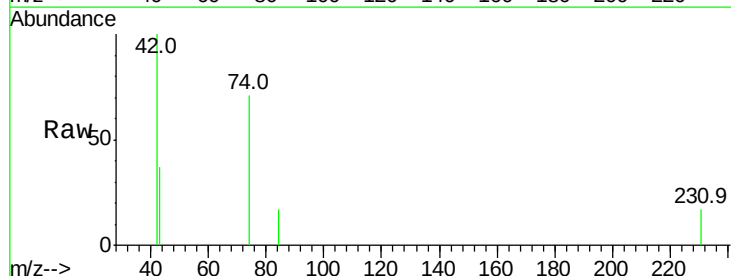
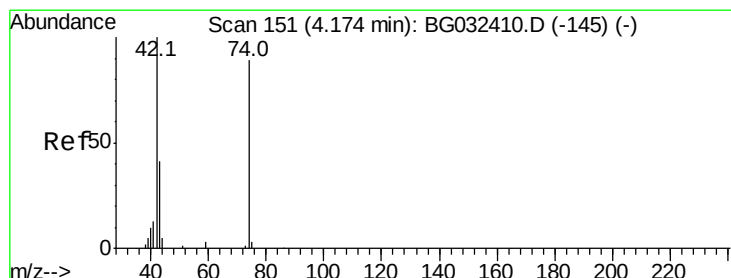
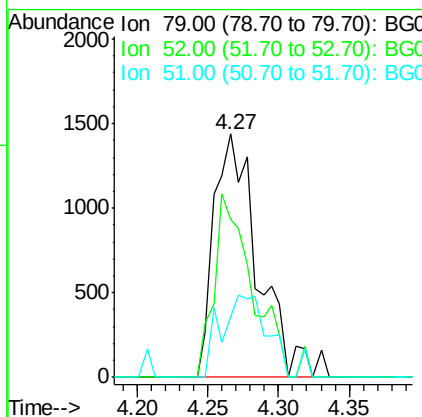
#3
 Pvridine
 Concen: 3.096 ng
 RT: 4.27 min Scan# 166
 Delta R.T. -0.00 min
 Lab File: BG032538.D
 Acq: 5 Feb 2018 17:47

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.0	69.9	104.9#
51	25.0	34.0	51.0#

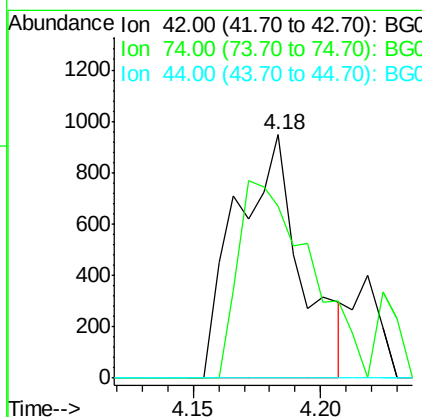
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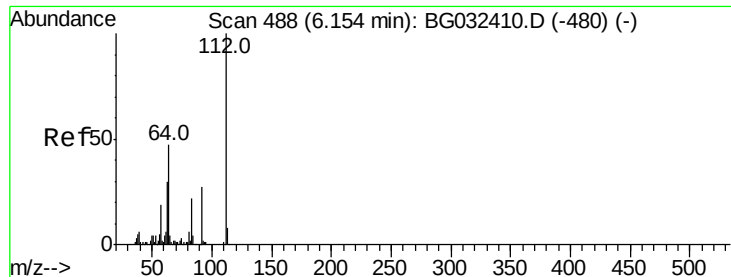
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#4
 n-Nitrosodimethylamine
 Concen: 3.205 ng
 RT: 4.18 min Scan# 152
 Delta R.T. 0.01 min
 Lab File: BG032538.D
 Acq: 5 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	70.9	102.5	153.7#
44	0.0	18.9	28.3#





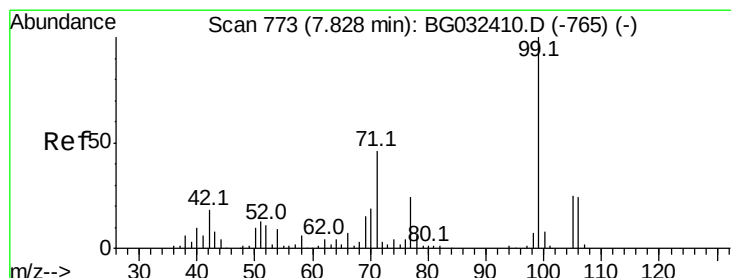
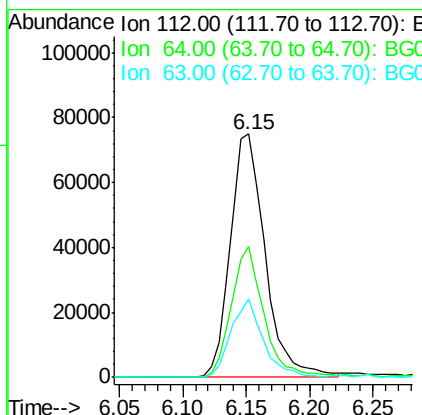
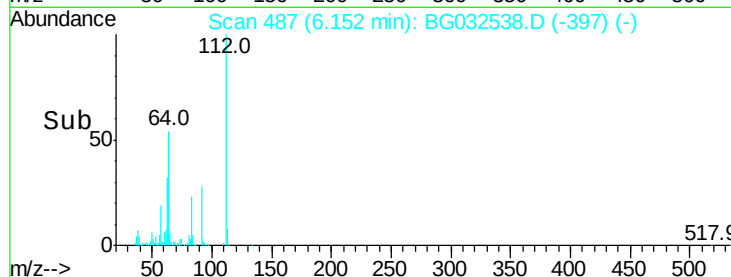
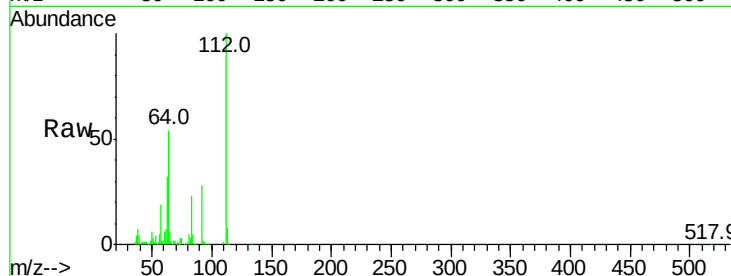
#5
2-Fluorophenol
Concen: 127.019 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032538.D
Acq: 5 Feb 2018 17:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.7	56.3	84.5#
63	32.0	30.1	45.1

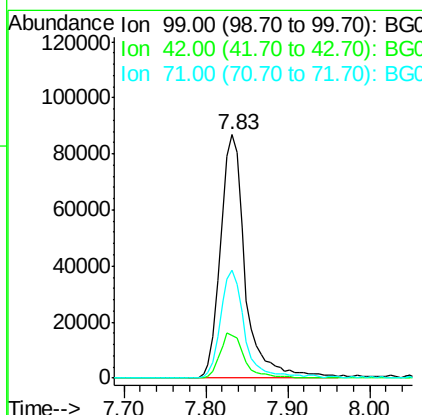
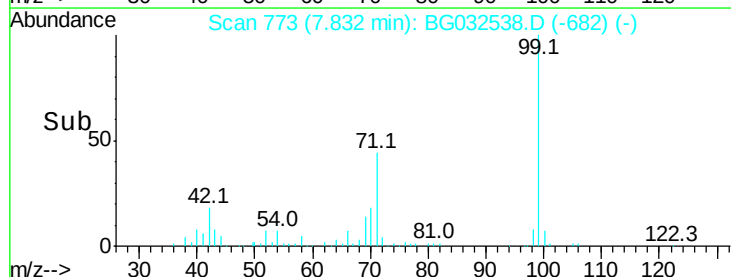
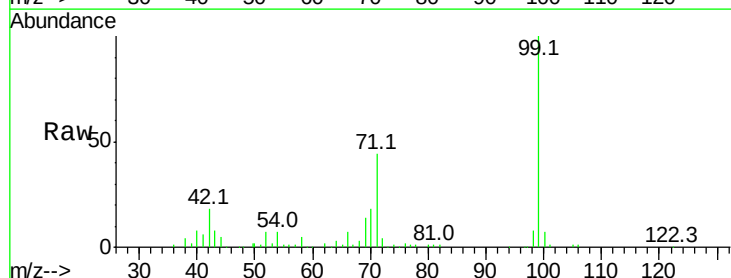
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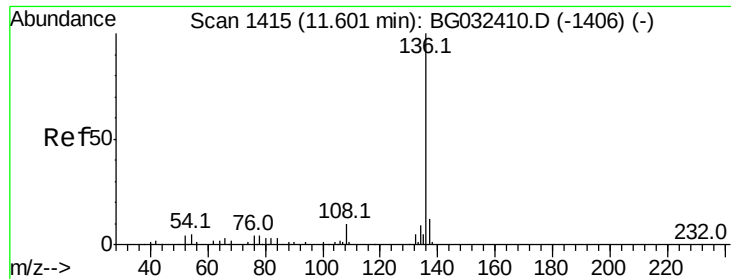
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#7
Phenol-d6
Concen: 122.530 ng
RT: 7.83 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG032538.D
Acq: 5 Feb 2018 17:47

Tgt Ion	Ratio	Resp Lower	Upper
99	100		
42	17.7	14.1	21.1
71	44.2	26.1	39.1#





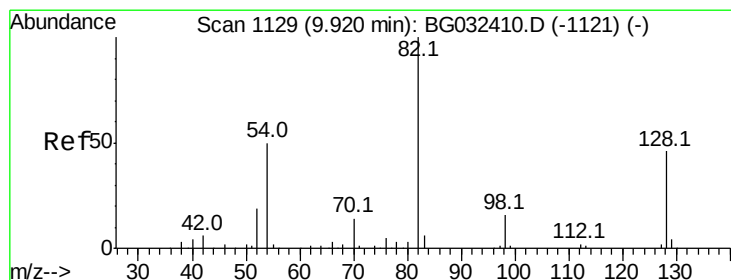
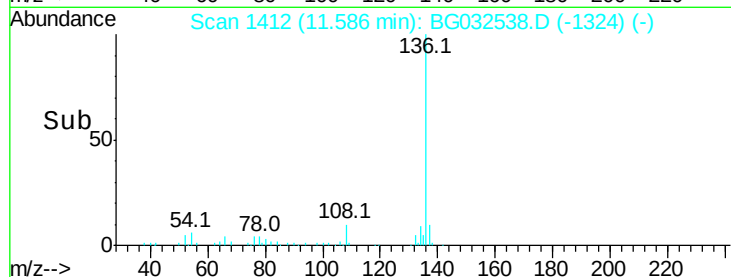
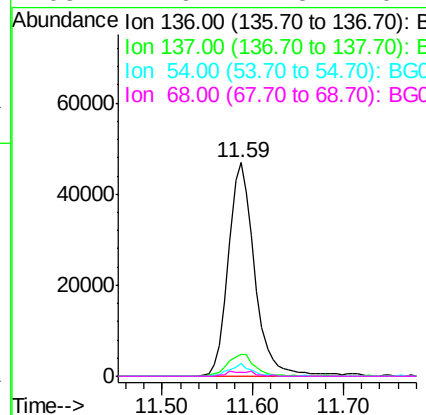
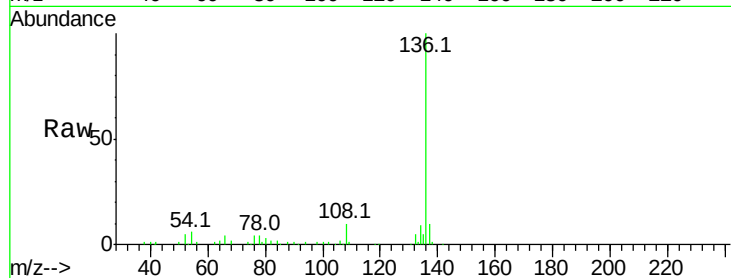
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG032538.D
Acq: 5 Feb 2018 17:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.0	9.2	13.8	
54	6.1	10.3	15.5	
68	1.9	4.5	6.7	

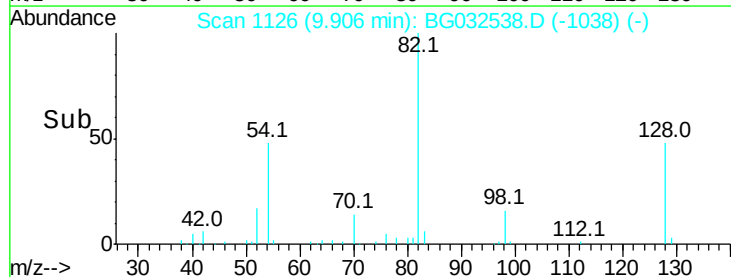
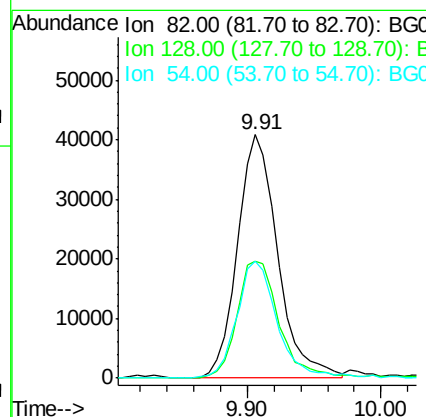
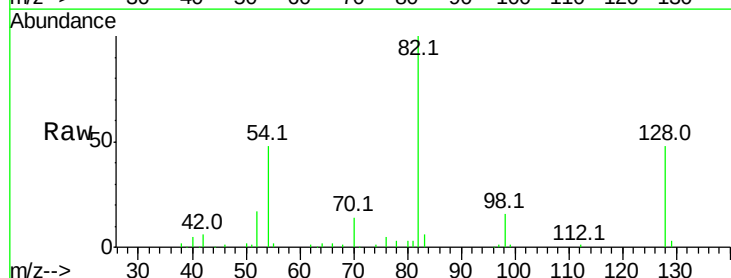
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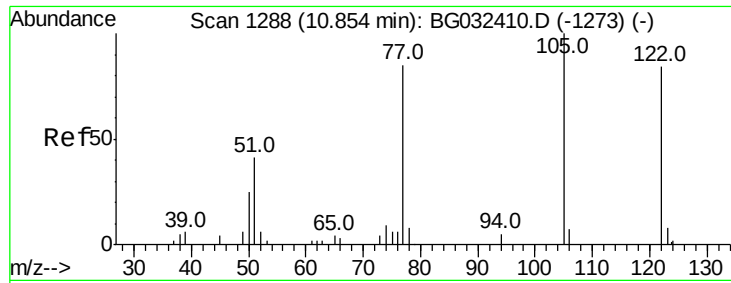
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#23
Nitrobenzene-d5
Concen: 56.575 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG032538.D
Acq: 5 Feb 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.8	29.7	44.5	
54	47.8	43.1	64.7	





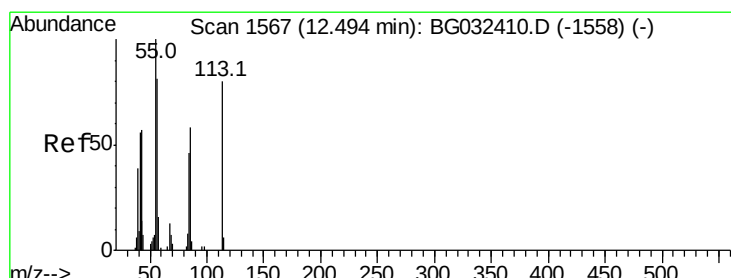
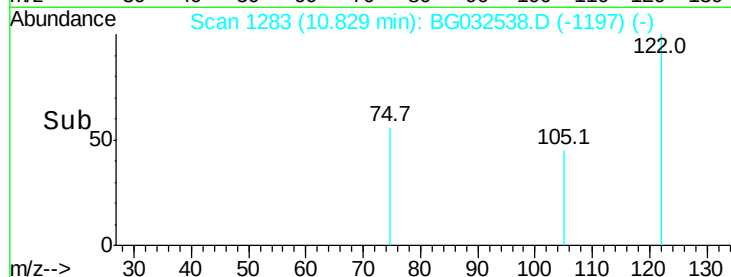
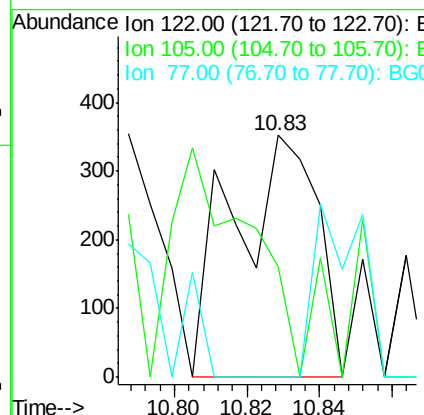
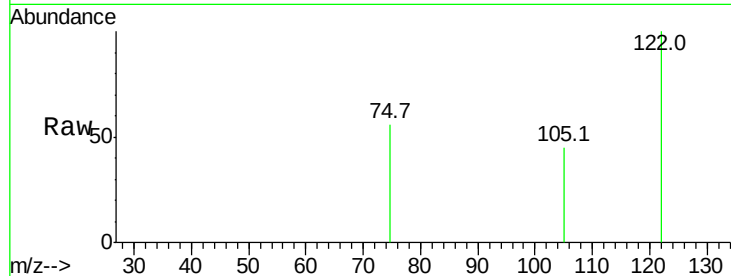
#32
Benzoic acid
Concen: 7.791 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BG032538.D
Acq: 5 Feb 2018 17:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
122	100		
105	45.5	123.5	163.5#
77	0.0	85.7	125.7#

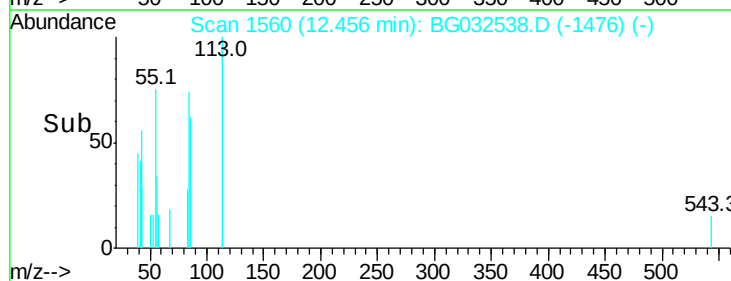
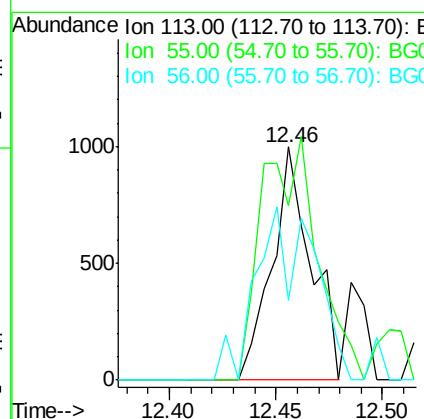
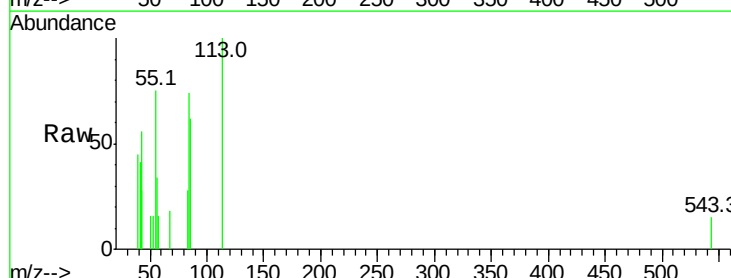
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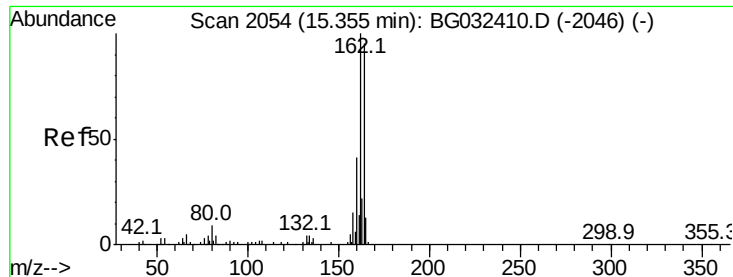
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#35
Caprolactam
Concen: 2.654 ng m
RT: 12.46 min Scan# 1560
Delta R.T. -0.04 min
Lab File: BG032538.D
Acq: 5 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
113	100		
55	75.1	186.9	226.9#
56	34.0	130.9	170.9#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG032538.D

Acq: 5 Feb 2018 17:47

Instrument :

BNA_G

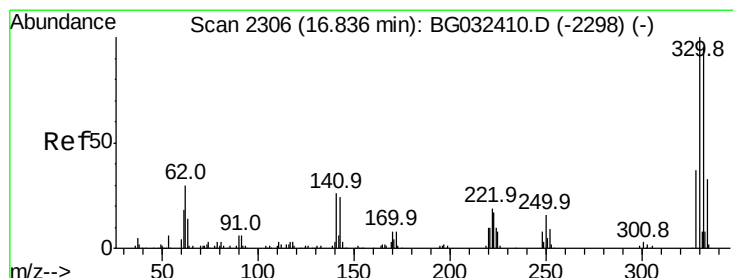
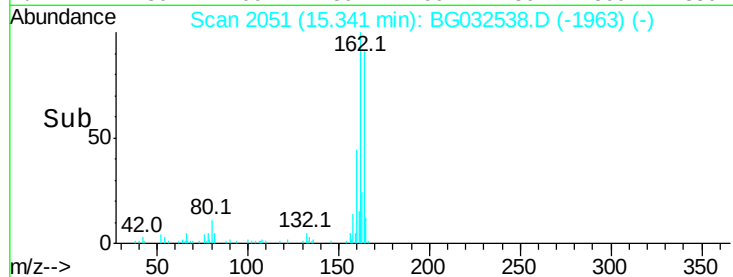
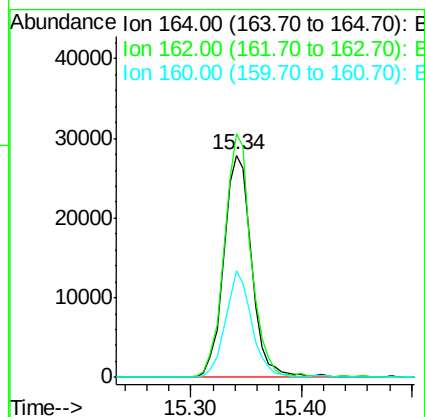
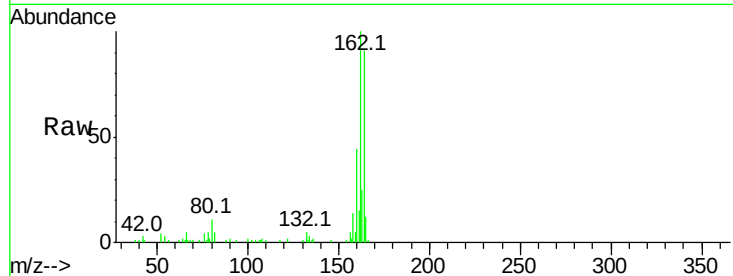
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tot Ion:	164	Resp:	48979
Ion Ratio	Lower	Upper	
164	100		
162	109.7	78.8	118.2
160	48.1	35.4	53.0

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 194.024 ng

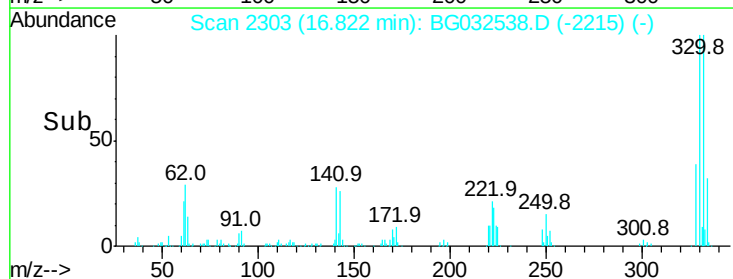
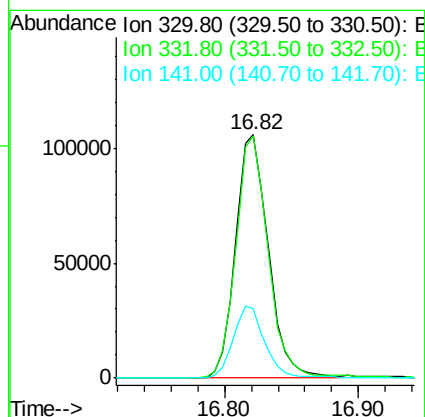
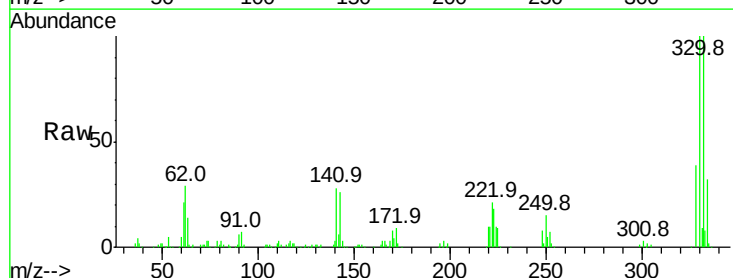
RT: 16.82 min Scan# 2303

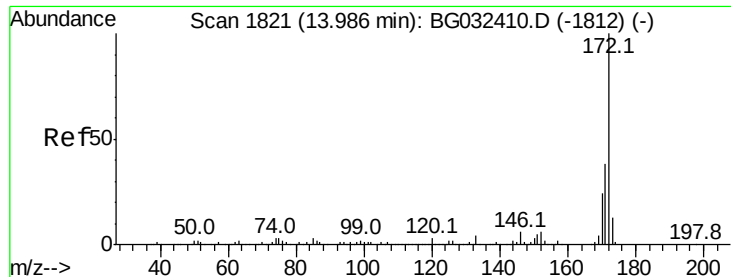
Delta R.T. -0.01 min

Lab File: BG032538.D

Acq: 5 Feb 2018 17:47

Tgt Ion:	330	Resp:	180892
Ion Ratio	Lower	Upper	
330	100		
332	98.6	77.0	115.6
141	29.0	25.2	37.8





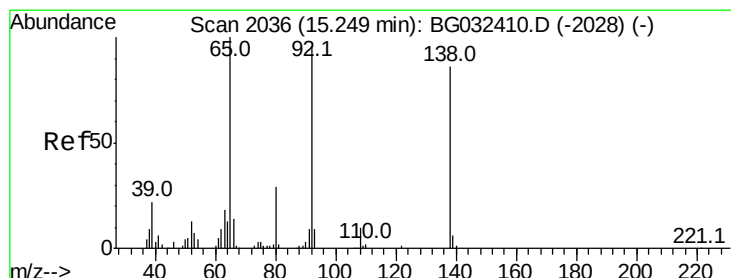
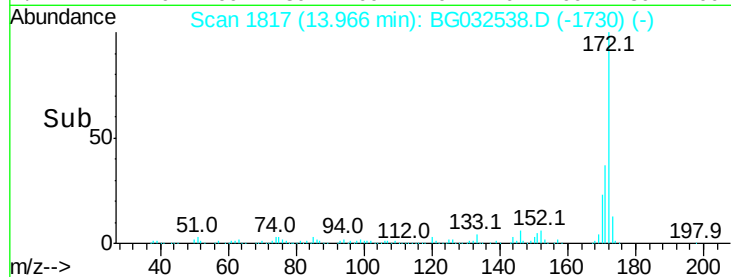
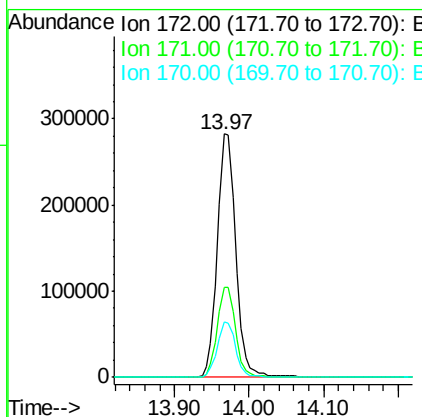
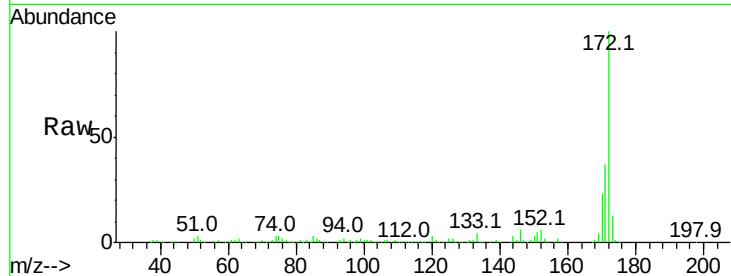
#44
 2-Fluorobiphenyl
 Concen: 118.323 ng
 RT: 13.97 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BG032538.D
 Acq: 5 Feb 2018 17:47

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	22.7	19.5	29.3

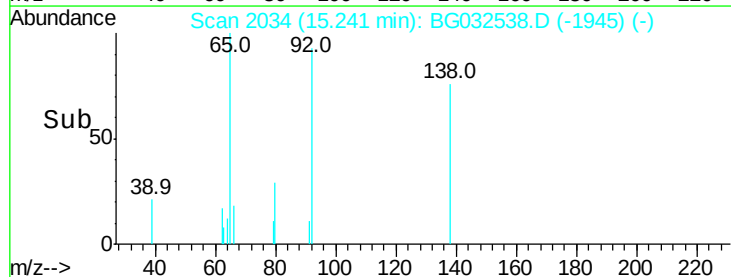
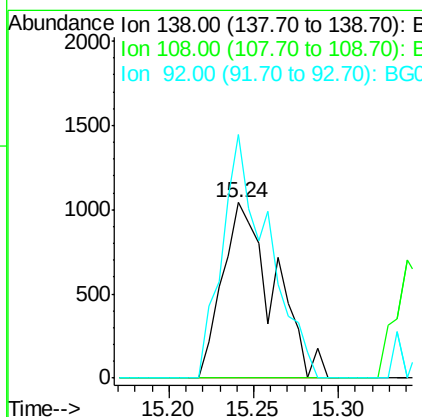
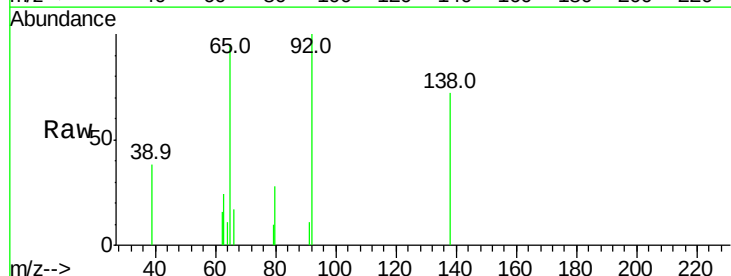
Manual Integrations
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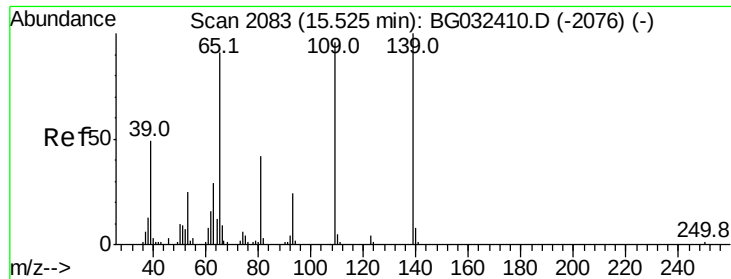
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#52
 3-Nitroaniline
 Concen: 2.638 ng
 RT: 15.24 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG032538.D
 Acq: 5 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
138	100		
108	0.0	17.5	26.3#
92	138.5	105.8	158.8





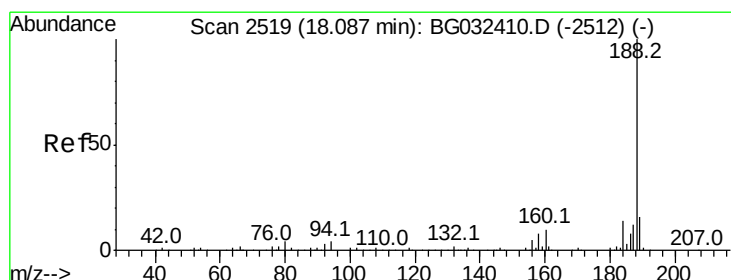
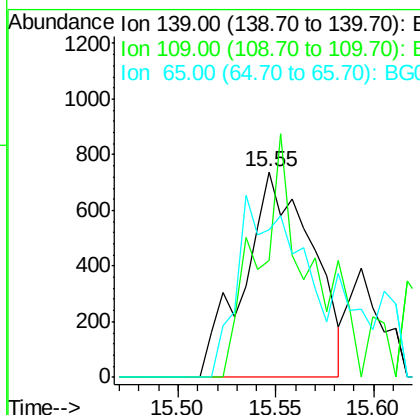
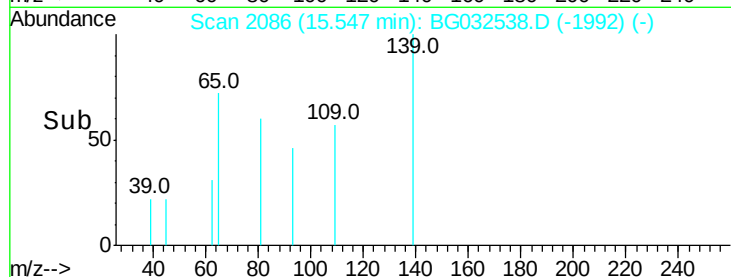
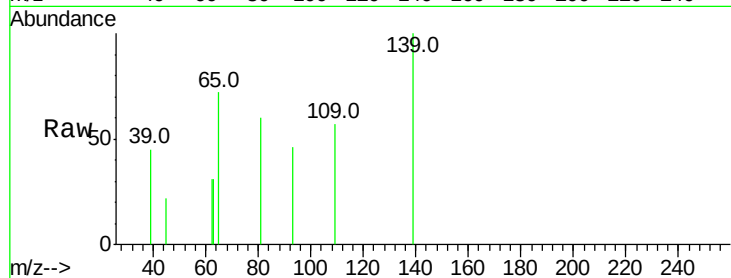
#55
4-Nitrophenol
Concen: 2.869 ng
RT: 15.55 min Scan# 2086
Delta R.T. 0.02 min
Lab File: BG032538.D
Acq: 5 Feb 2018 17:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tot Ion:139 Resp: 1778
Ion Ratio Lower Upper
139 100
109 57.1 62.2 102.2#
65 71.9 97.2 137.2#

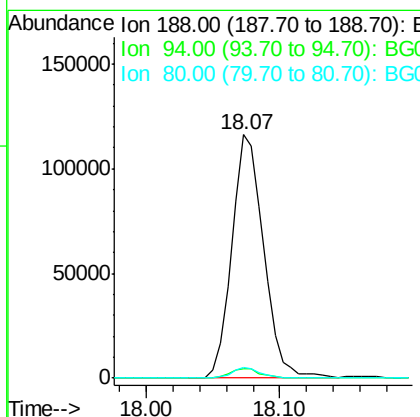
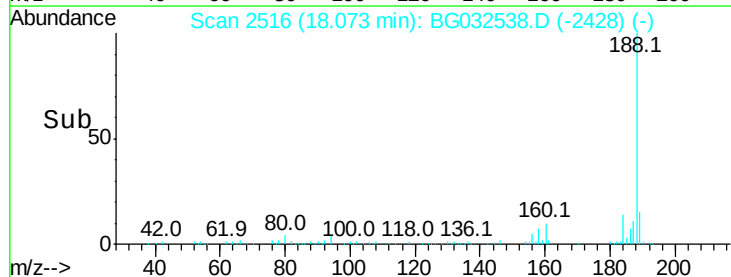
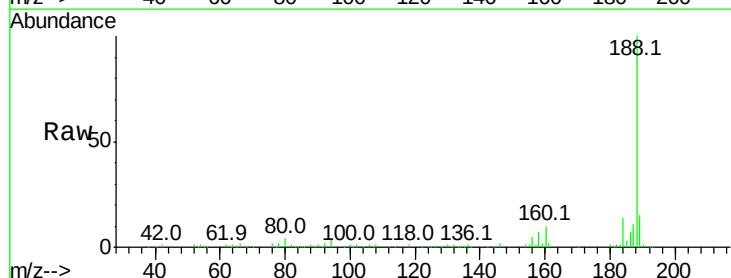
Manual Integrations
APPROVED

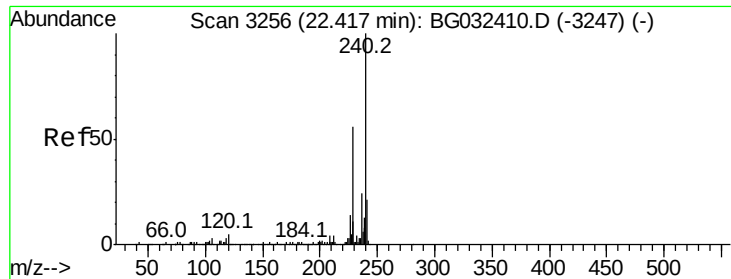
Sohil
2/6/2018 2:35:04 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG032538.D
Acq: 5 Feb 2018 17:47

Tgt Ion:188 Resp: 192635
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 4.2 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BG032538.D

Acq: 5 Feb 2018 17:47

Instrument :

BNA_G

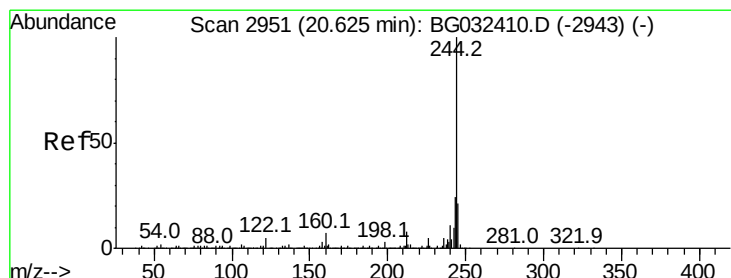
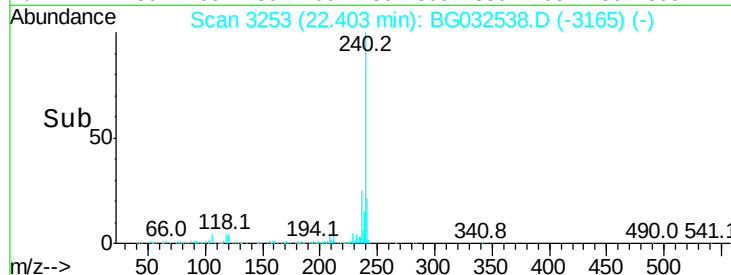
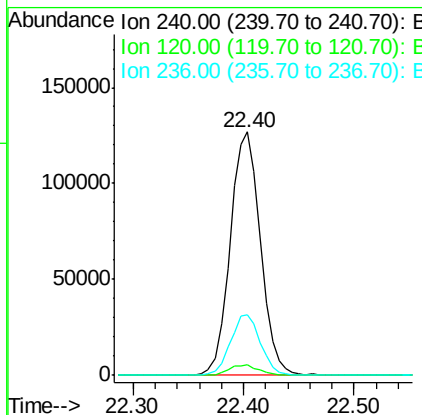
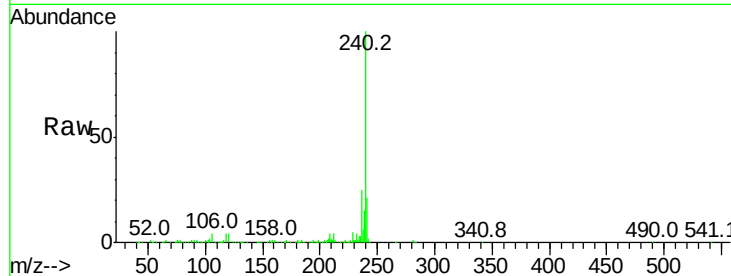
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.2	6.8	10.2#
236	25.1	20.9	31.3

Manual Integrations
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Sohil
2/6/2018 2:35:04 PM



#78

Terphenyl-d14

Concen: 88.884 ng

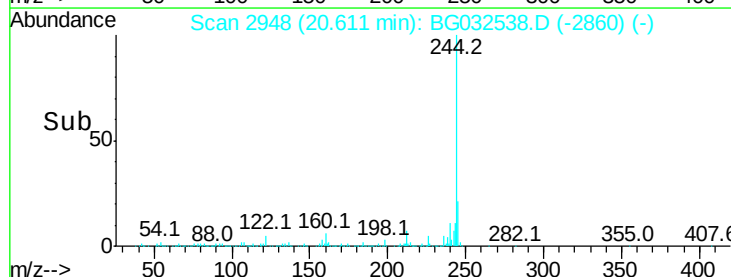
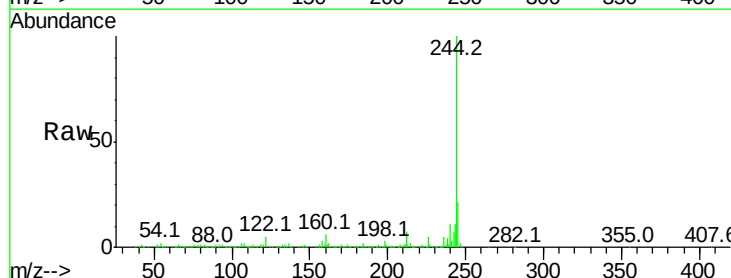
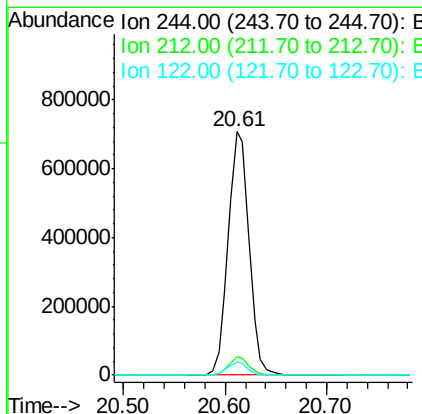
RT: 20.61 min Scan# 2948

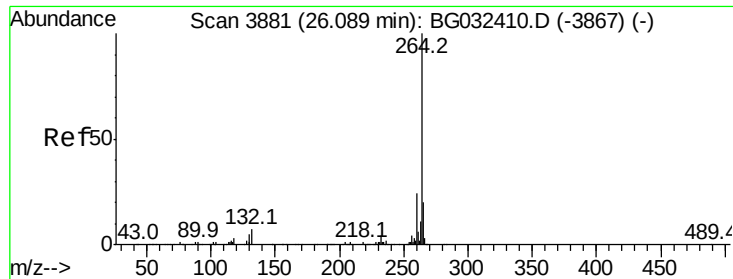
Delta R.T. -0.01 min

Lab File: BG032538.D

Acq: 5 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	5.4	7.0	10.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.08 min Scan# 3878
 Delta R.T. -0.01 min
 Lab File: BG032538.D
 Acq: 5 Feb 2018 17:47

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tot Ion	Ratio	Resp	Lower	Upper
264	100	264622		
260	21.8		17.4	26.0
265	21.5		17.7	26.5

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:35:04 PM

