

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053018.D
 Acq On : 4 Apr 2022 21:39
 Operator : CG/JU
 Sample : N2207-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-096-21-03

Quant Time: Apr 05 01:08:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

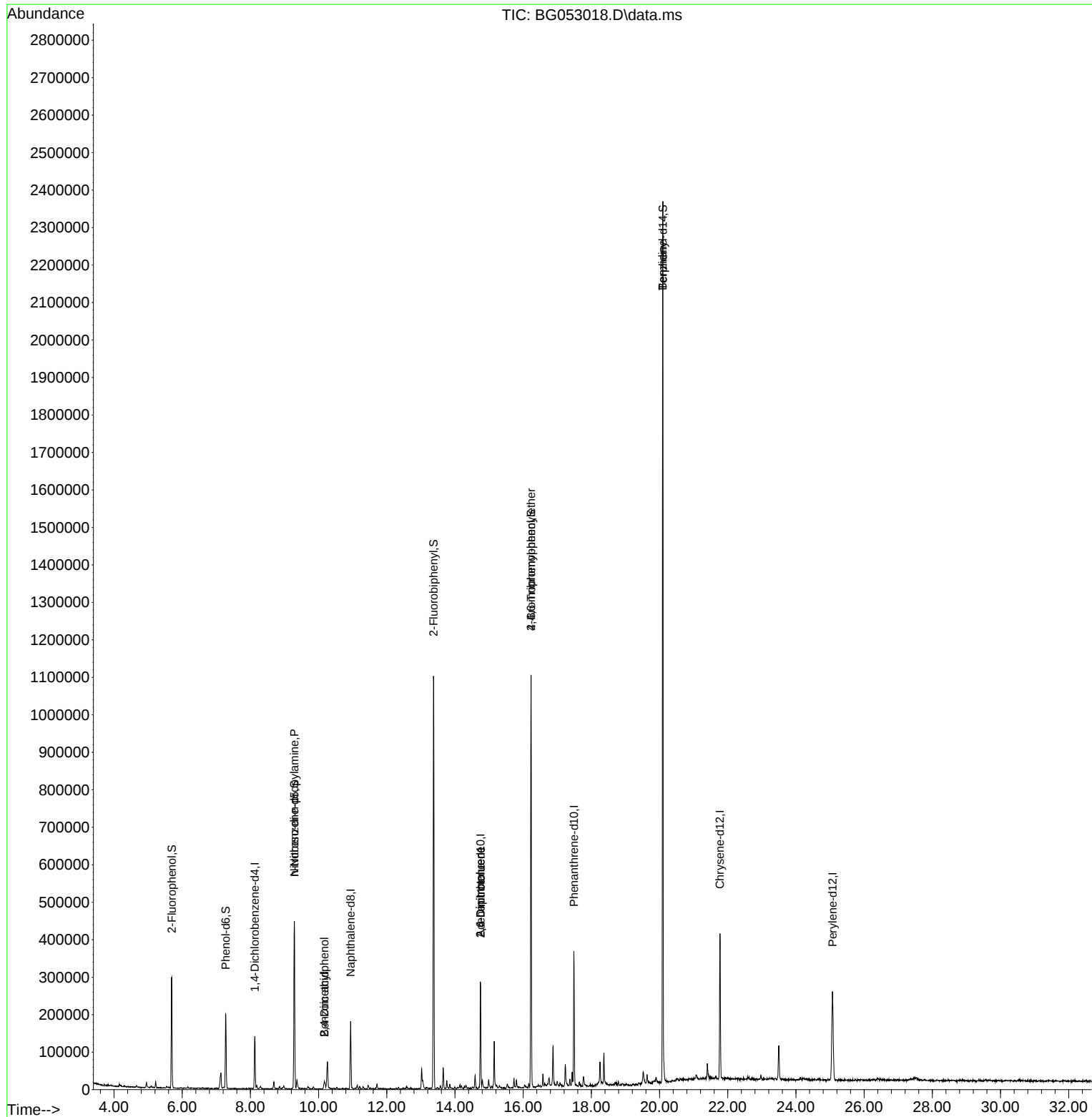
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.130	152	37649	20.000	ng	-0.02
21) Naphthalene-d8	10.938	136	145739	20.000	ng	-0.02
39) Acenaphthene-d10	14.745	164	102668	20.000	ng	-0.02
64) Phenanthrene-d10	17.488	188	223834	20.000	ng	-0.02
76) Chrysene-d12	21.770	240	250291	20.000	ng	-0.03
86) Perylene-d12	25.072	264	265898	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	119859	55.443	ng	0.00
7) Phenol-d6	7.272	99	108415	33.264	ng	-0.02
23) Nitrobenzene-d5	9.287	82	283402	97.599	ng	-0.02
42) 2,4,6-Tribromophenol	16.231	330	205037	148.623	ng	-0.02
45) 2-Fluorobiphenyl	13.376	172	601940	86.470	ng	-0.02
79) Terphenyl-d14	20.096	244	1194310	84.881	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.261	77	2170	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	9.287	70	40228	17.427	ng	# 78
27) 2,4-Dimethylphenol	10.168	122	6925	3.355	ng	# 2
32) Benzoic acid	10.168	122	6925	9.657	ng	# 83
51) 2,6-Dinitrotoluene	14.745	165	13487	10.469	ng	# 25
57) 2,4-Dinitrotoluene	14.745	165	13487	7.545	ng	# 24
67) 4-Bromophenyl-phenylether	16.231	248	13203	4.893	ng	# 1
77) Benzidine	20.090	184	22959	3.556	ng	# 88

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

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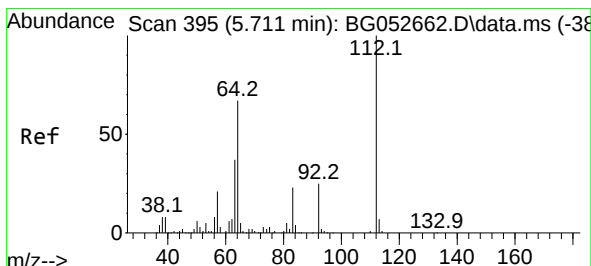
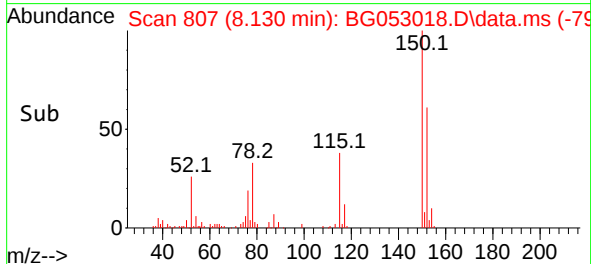
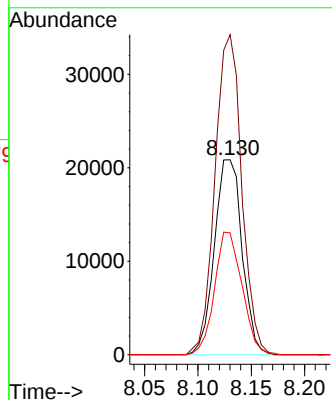
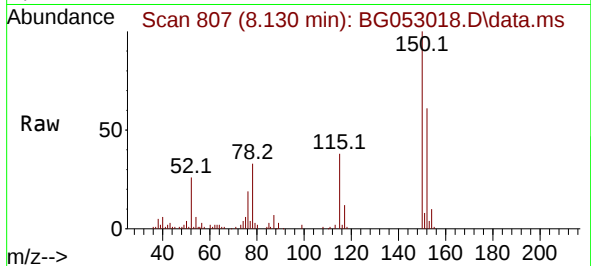




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.130 min Scan# 80
Delta R.T. -0.016 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

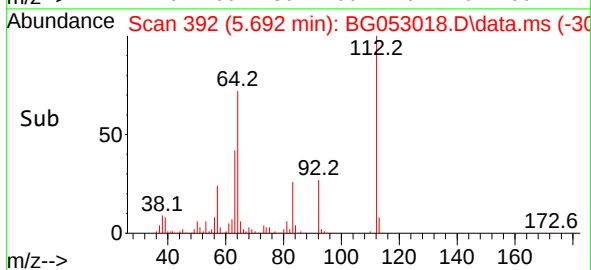
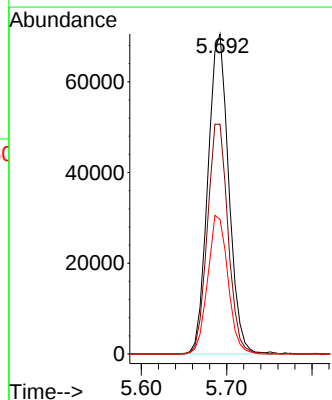
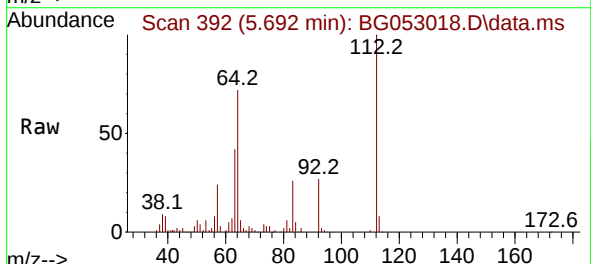
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-03

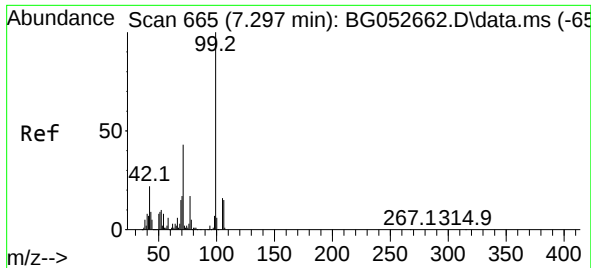
Tgt Ion:152 Resp: 37649
Ion Ratio Lower Upper
152 100
150 164.1 114.6 172.0
115 62.5 45.9 68.9



#5
2-Fluorophenol
Concen: 55.443 ng
RT: 5.692 min Scan# 392
Delta R.T. -0.004 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

Tgt Ion:112 Resp: 119859
Ion Ratio Lower Upper
112 100
64 71.8 48.0 72.0
63 42.1 26.5 39.7#

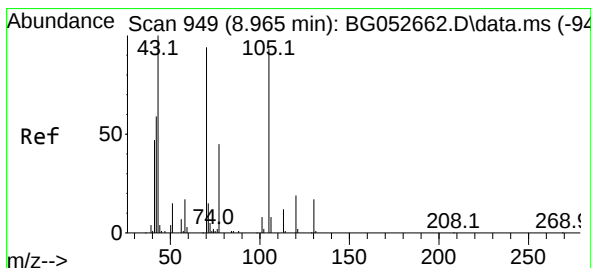
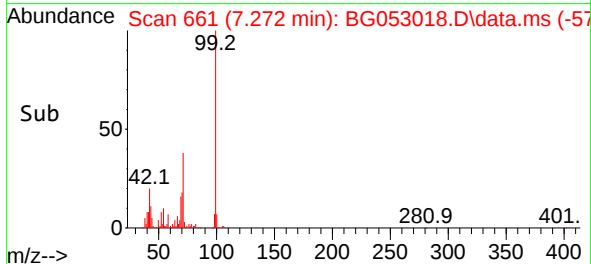
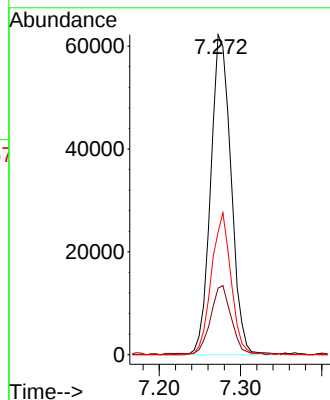
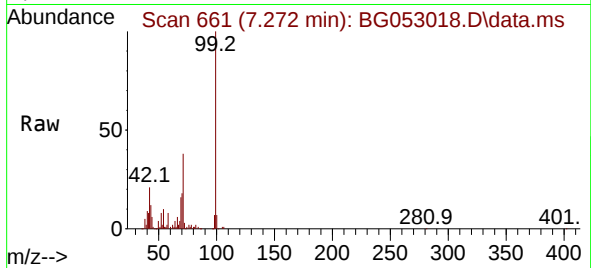




#7
Phenol-d6
Concen: 33.264 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.016 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

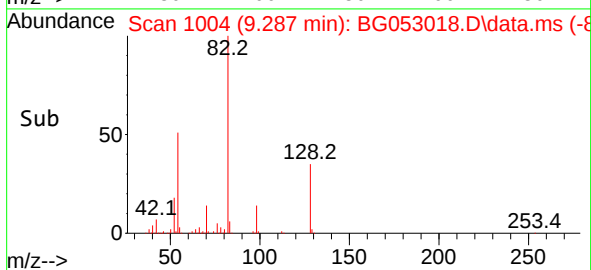
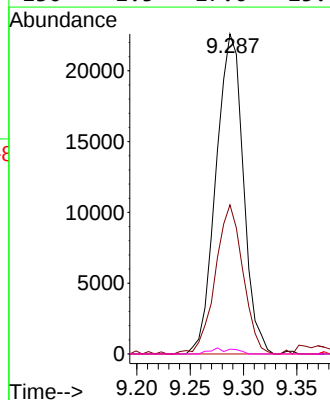
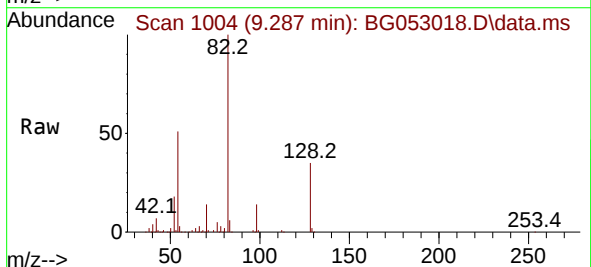
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-03

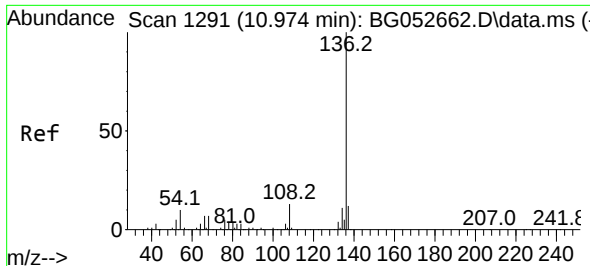
Tgt Ion: 99 Resp: 108415
Ion Ratio Lower Upper
99 100
42 20.8 14.7 22.1
71 38.4 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.427 ng
RT: 9.287 min Scan# 1004
Delta R.T. 0.342 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

Tgt Ion: 70 Resp: 40228
Ion Ratio Lower Upper
70 100
42 46.6 46.0 69.0
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#

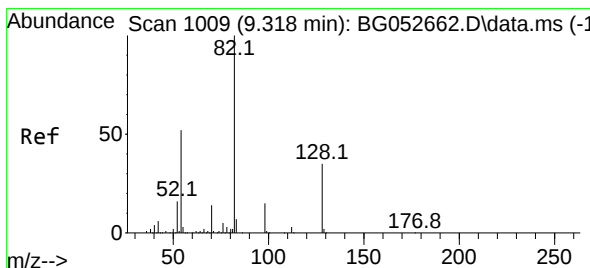
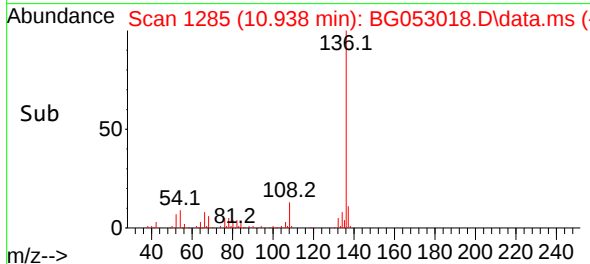
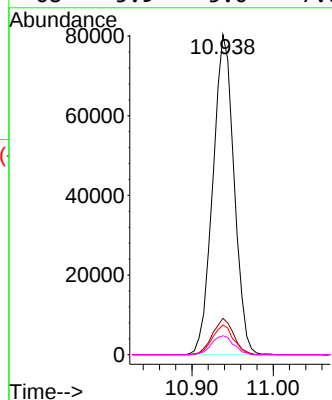
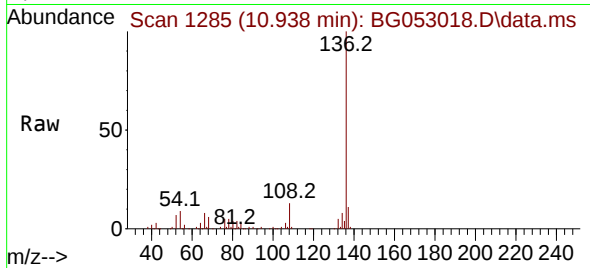




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.938 min Scan# 11
Delta R.T. -0.022 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

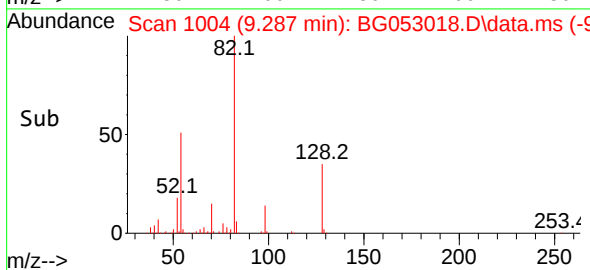
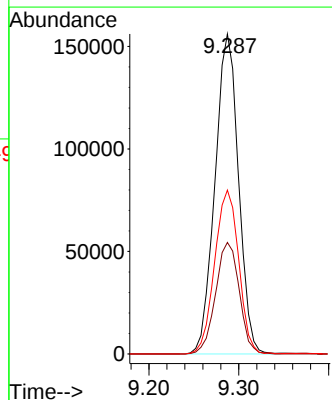
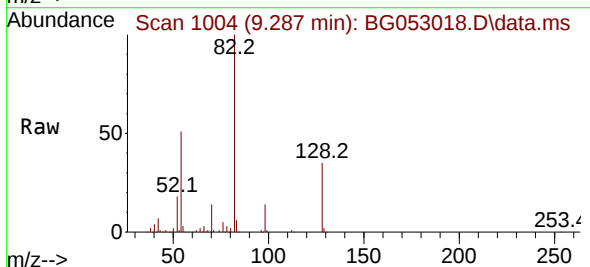
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-03

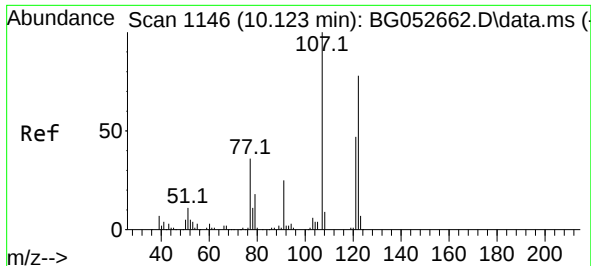
Tgt Ion:136 Resp: 145739
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 9.3 6.4 9.6
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 97.599 ng
RT: 9.287 min Scan# 1004
Delta R.T. -0.016 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

Tgt Ion: 82 Resp: 283402
Ion Ratio Lower Upper
82 100
128 34.9 31.3 46.9
54 51.2 37.8 56.8





#27

2,4-Dimethylphenol

Concen: 3.355 ng

RT: 10.168 min Scan# 1154

Delta R.T. 0.054 min

Lab File: BG053018.D

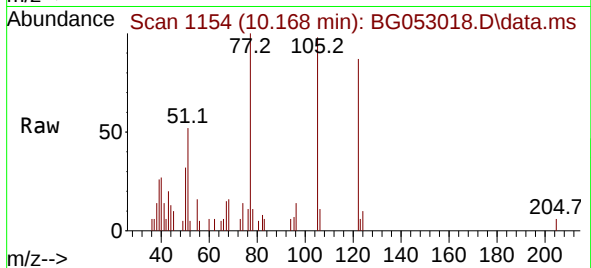
Acq: 4 Apr 2022 21:39

Instrument :

BNA_G

ClientSampleId :

SPLP-LEACHATE-AMENDED-096-21-03



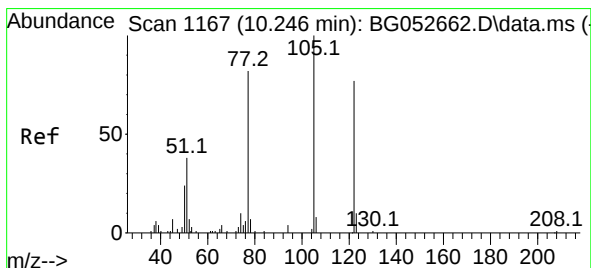
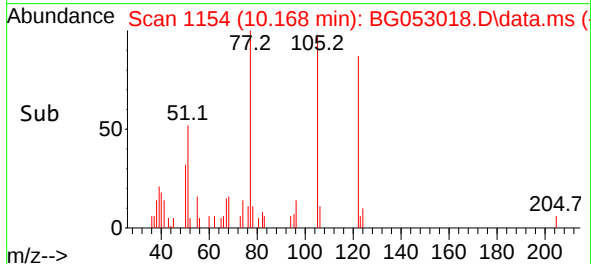
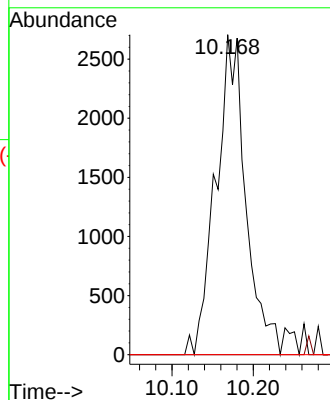
Tgt Ion:122 Resp: 6925

Ion Ratio Lower Upper

122 100

107 0.0 96.7 145.1#

121 0.0 46.3 69.5#



#32

Benzoic acid

Concen: 9.657 ng

RT: 10.168 min Scan# 1154

Delta R.T. -0.069 min

Lab File: BG053018.D

Acq: 4 Apr 2022 21:39

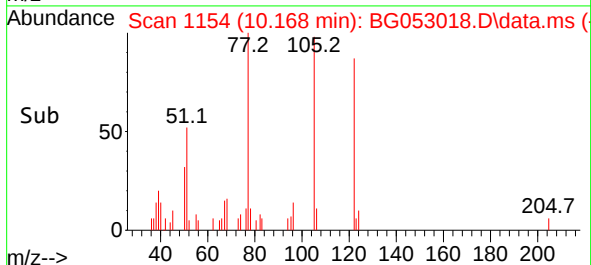
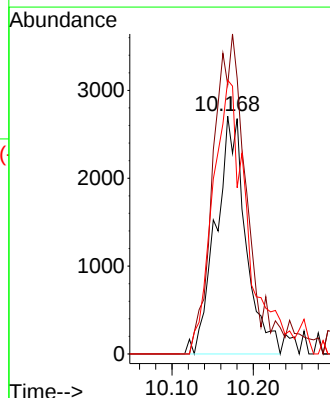
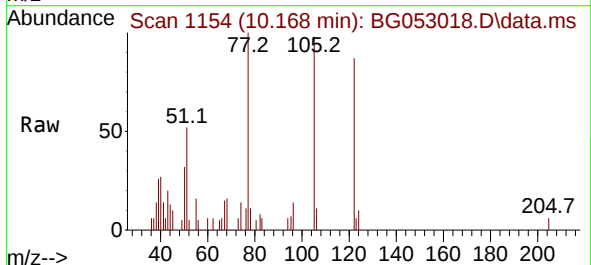
Tgt Ion:122 Resp: 6925

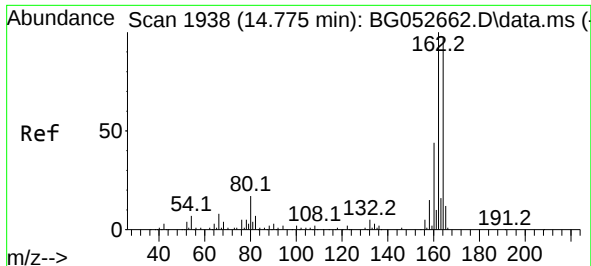
Ion Ratio Lower Upper

122 100

105 113.2 112.8 152.8

77 115.1 78.4 118.4

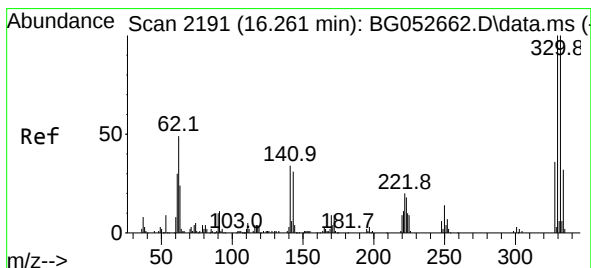
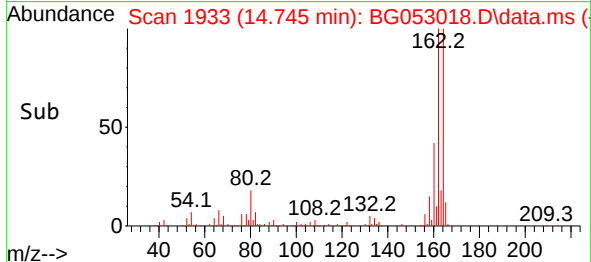
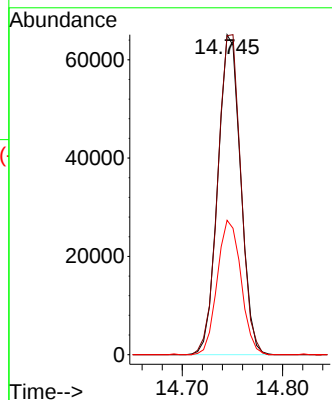
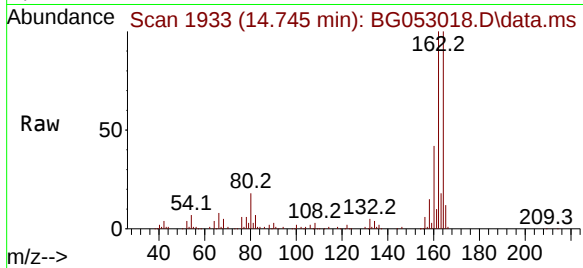




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1933
Delta R.T. -0.022 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

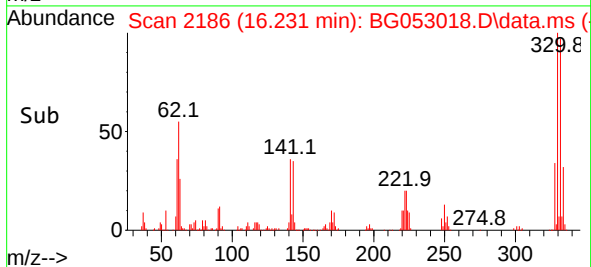
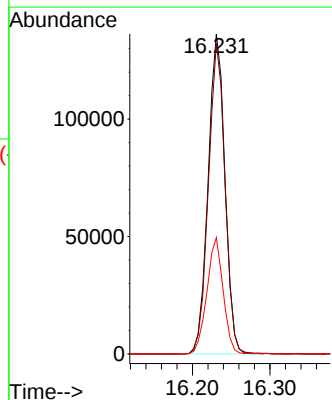
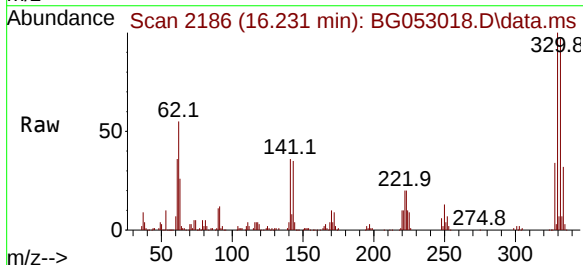
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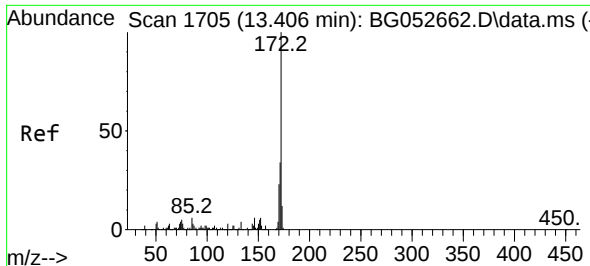
Tgt Ion:164 Resp: 102668
Ion Ratio Lower Upper
164 100
162 99.7 80.0 120.0
160 42.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 148.623 ng
RT: 16.231 min Scan# 2186
Delta R.T. -0.016 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

Tgt Ion:330 Resp: 205037
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.6
141 35.1 24.6 36.8

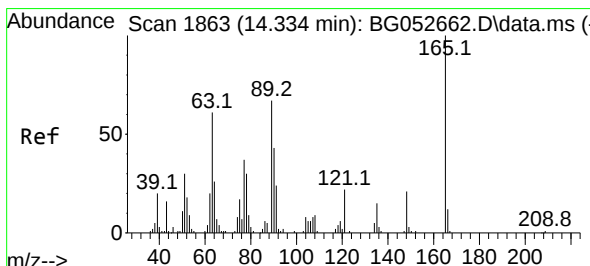
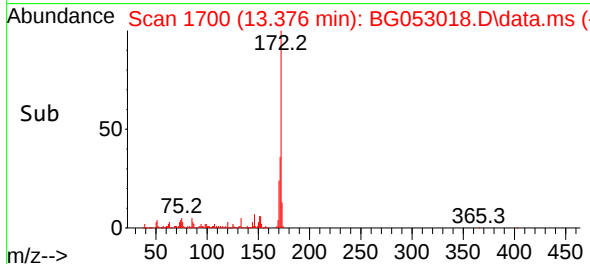
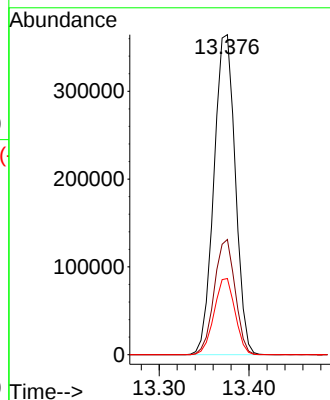
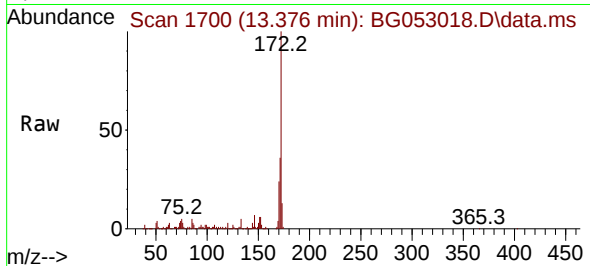




#45
2-Fluorobiphenyl
Concen: 86.470 ng
RT: 13.376 min Scan# 1
Delta R.T. -0.016 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

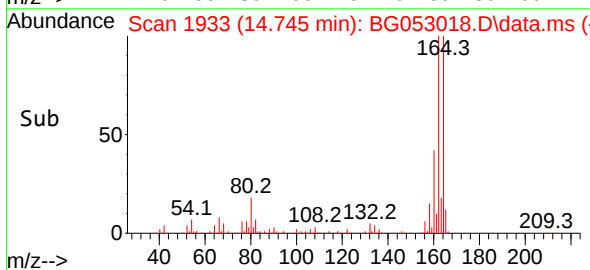
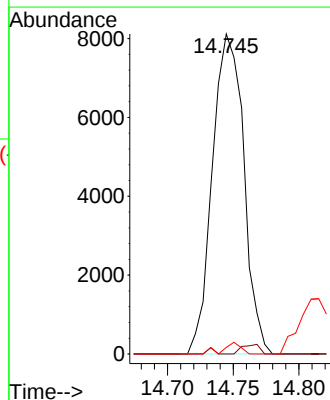
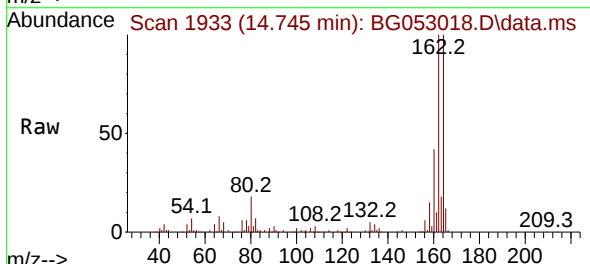
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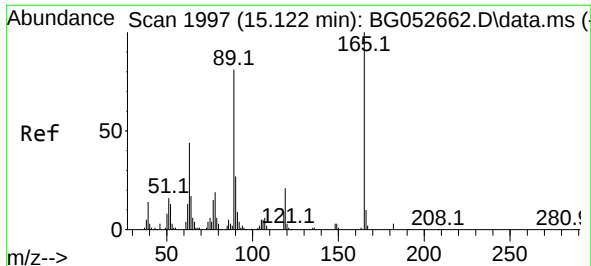
Tgt Ion:172 Resp: 601940
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.8 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.469 ng
RT: 14.745 min Scan# 1933
Delta R.T. 0.419 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

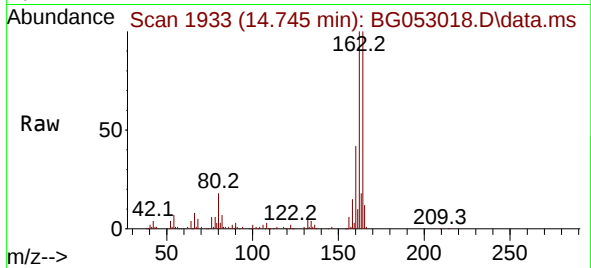
Tgt Ion:165 Resp: 13487
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.1 45.0 67.4#



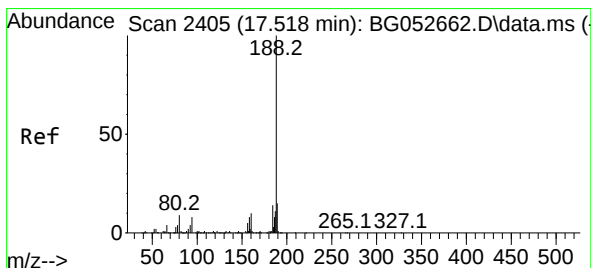
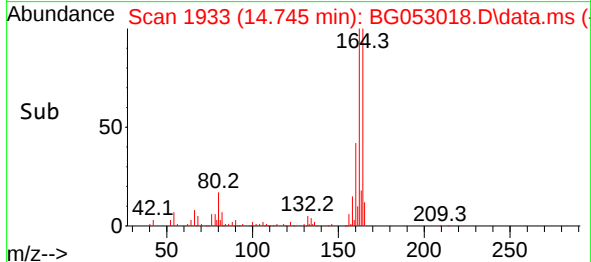
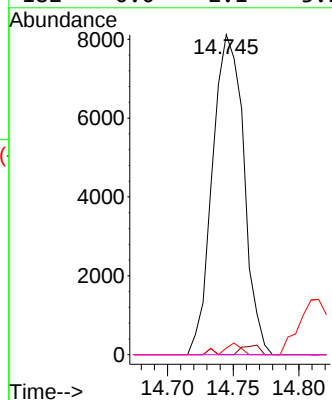


#57
2,4-Dinitrotoluene
Concen: 7.545 ng
RT: 14.745 min Scan# 1997
Delta R.T. -0.369 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-03

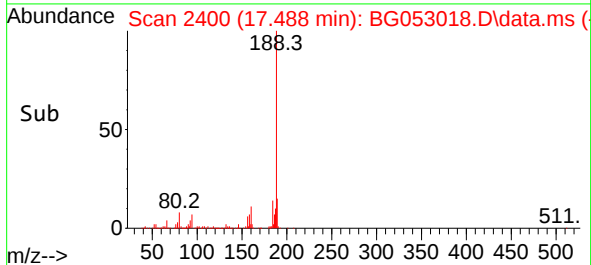
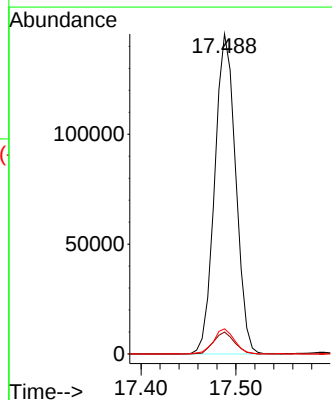
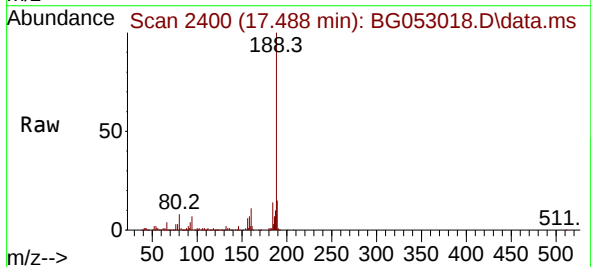


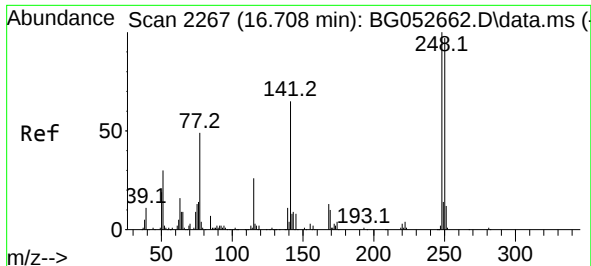
Tgt Ion:165 Resp: 13487
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.1 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.488 min Scan# 2400
Delta R.T. -0.016 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

Tgt Ion:188 Resp: 223834
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 7.9 7.2 10.8

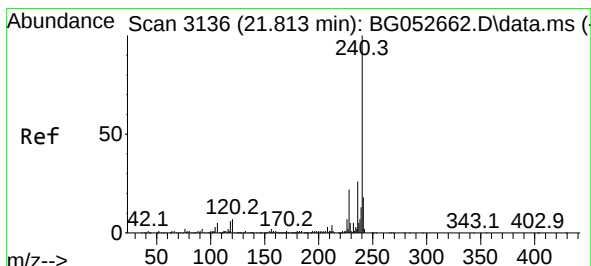
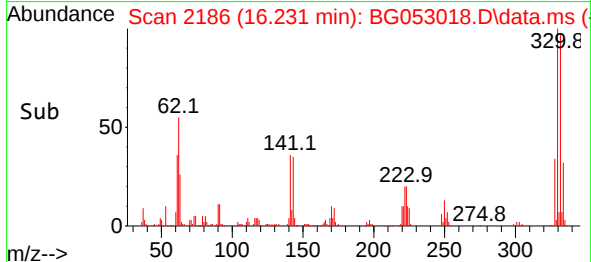
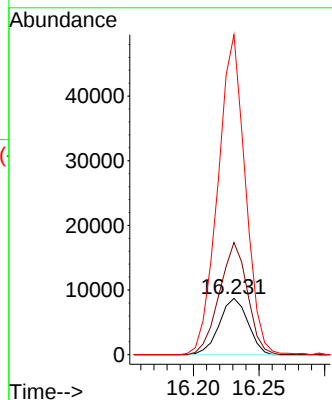
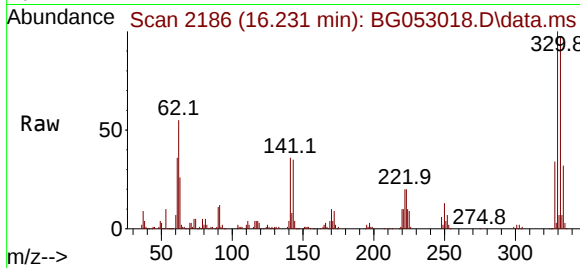




#67
4-Bromophenyl-phenylether
Concen: 4.893 ng
RT: 16.231 min Scan# 211
Delta R.T. -0.463 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

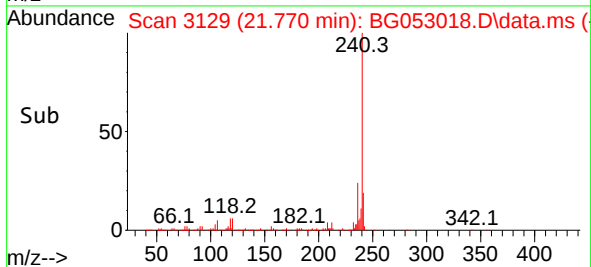
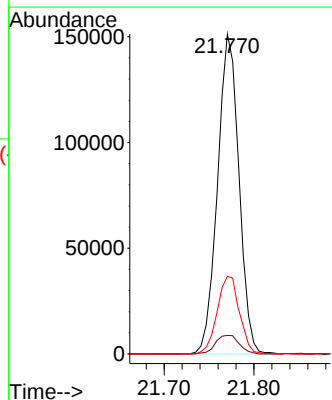
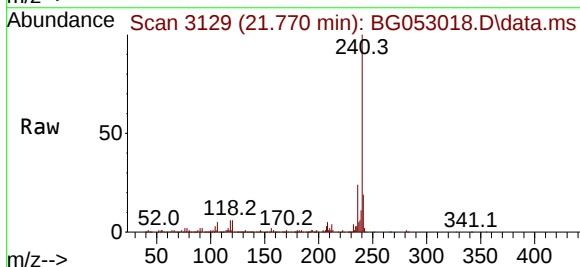
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-03

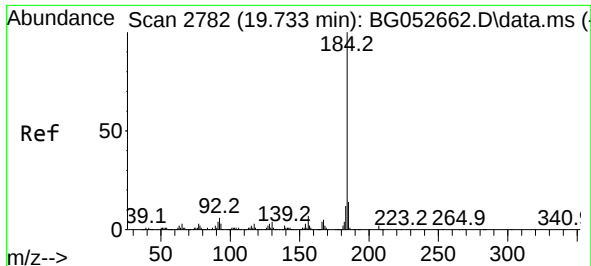
Tgt Ion:248 Resp: 13203
Ion Ratio Lower Upper
248 100
250 199.4 77.9 116.9#
141 568.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3129
Delta R.T. -0.028 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

Tgt Ion:240 Resp: 250291
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 24.3 19.8 29.6

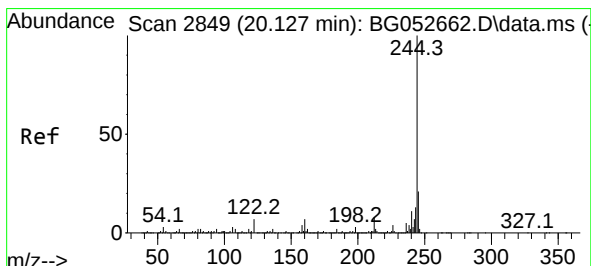
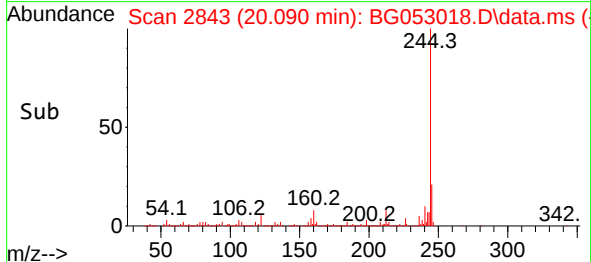
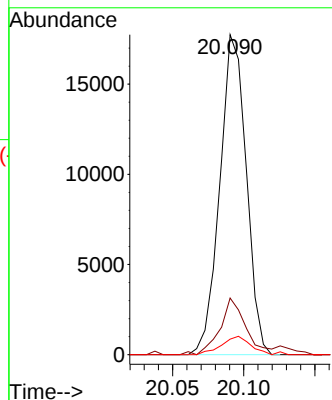
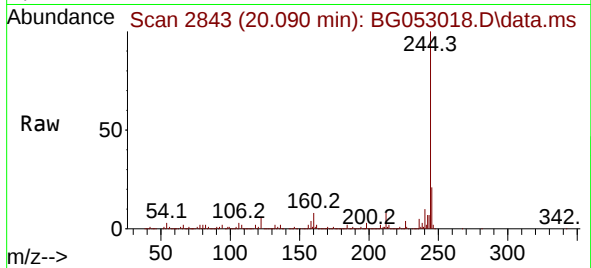




#77
Benzidine
Concen: 3.556 ng
RT: 20.090 min Scan# 21
Delta R.T. 0.366 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

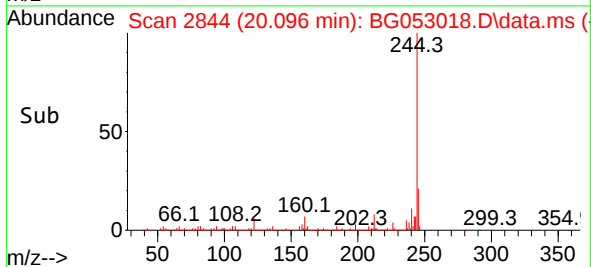
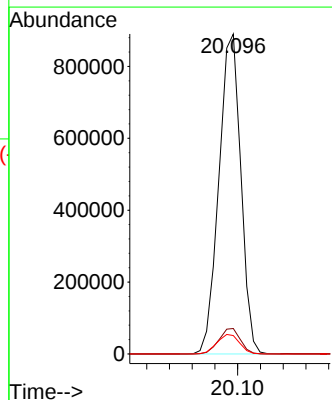
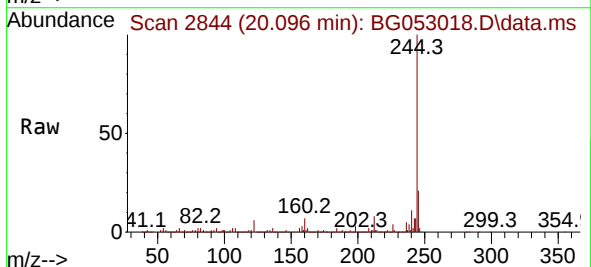
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-03

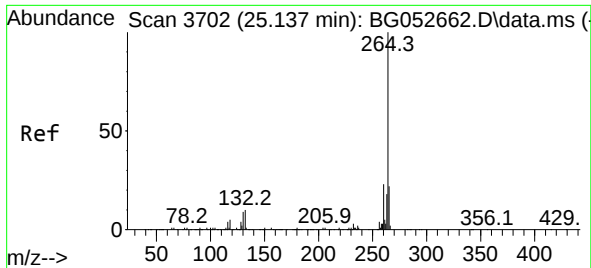
Tgt Ion:184 Resp: 22959
Ion Ratio Lower Upper
184 100
185 17.7 11.5 17.3#
183 4.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 84.881 ng
RT: 20.096 min Scan# 2844
Delta R.T. -0.016 min
Lab File: BG053018.D
Acq: 4 Apr 2022 21:39

Tgt Ion:244 Resp: 1194310
Ion Ratio Lower Upper
244 100
212 8.0 5.4 8.2
122 5.8 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.072 min Scan# 30
 Delta R.T. -0.040 min
 Lab File: BG053018.D
 Acq: 4 Apr 2022 21:39

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-096-21-03

Tgt Ion:264 Resp: 265898
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 21.3 15.1 22.7

