

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053020.D
 Acq On : 4 Apr 2022 22:56
 Operator : CG/JU
 Sample : N2207-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-096-21-02

Quant Time: Apr 05 01:08:20 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)

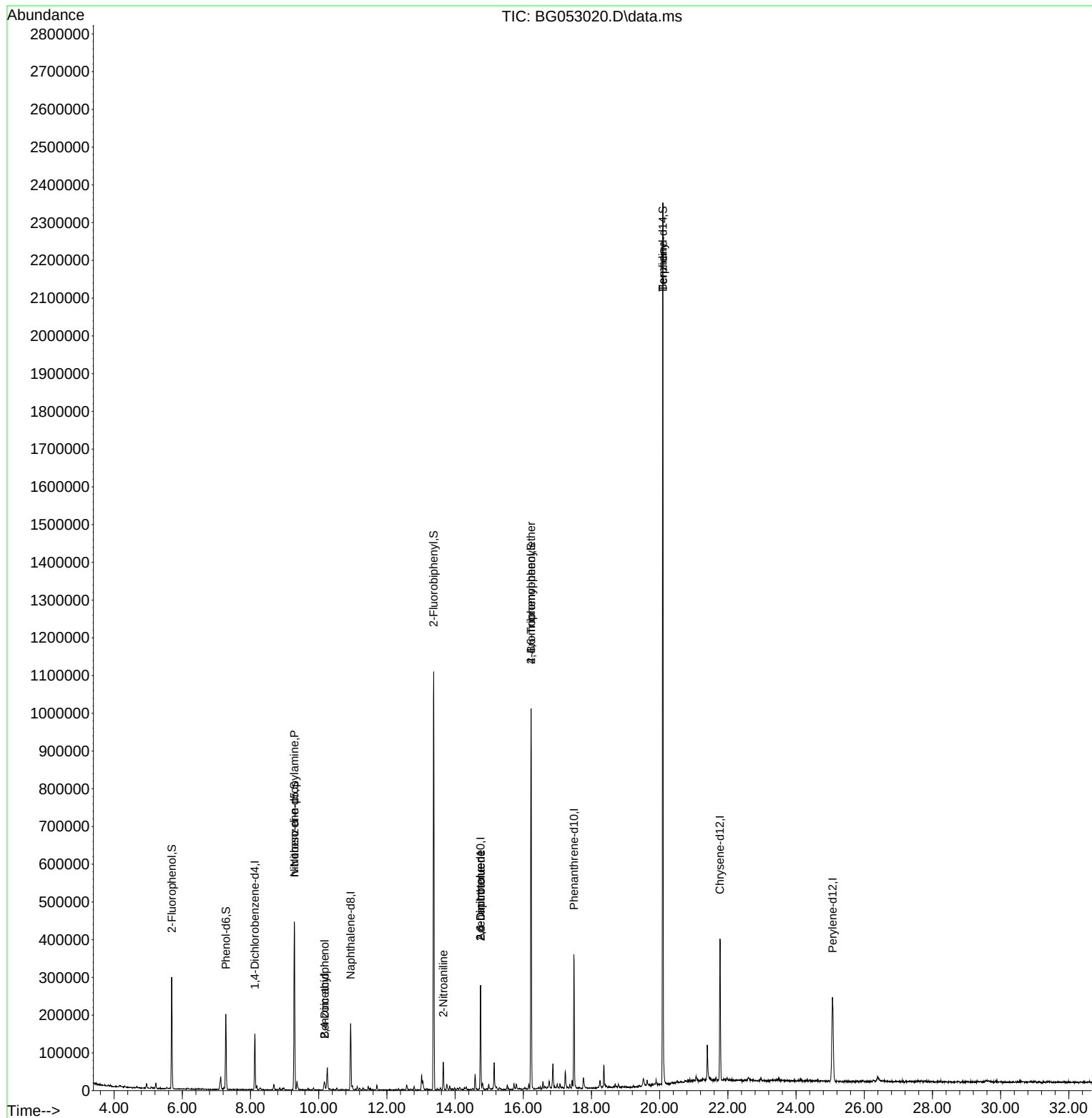
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	37837	20.000	ng	-0.02
21) Naphthalene-d8	10.936	136	146421	20.000	ng	#-0.02
39) Acenaphthene-d10	14.749	164	99174	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	221801	20.000	ng	-0.02
76) Chrysene-d12	21.769	240	244762	20.000	ng	-0.03
86) Perylene-d12	25.070	264	258610	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	117828	54.232	ng	0.00
7) Phenol-d6	7.277	99	108755	33.203	ng	-0.01
23) Nitrobenzene-d5	9.286	82	275902	94.574	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	194678	146.085	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	578323	86.004	ng	-0.02
79) Terphenyl-d14	20.095	244	1151719	83.703	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	7.259	77	1903	Below Cal	#	87
19) n-Nitroso-di-n-propyla...	9.286	70	39029	16.824	ng	# 83
27) 2,4-Dimethylphenol	10.179	122	8803	4.245	ng	# 2
32) Benzoic acid	10.179	122	8803	10.714	ng	# 83
48) 2-Nitroaniline	13.656	65	3015	2.018	ng	# 24
51) 2,6-Dinitrotoluene	14.749	165	12847	10.323	ng	# 25
57) 2,4-Dinitrotoluene	14.749	165	12847	7.440	ng	# 24
67) 4-Bromophenyl-phenylether	16.229	248	13370	5.000	ng	# 1
77) Benzidine	20.095	184	20763	3.289	ng	# 94

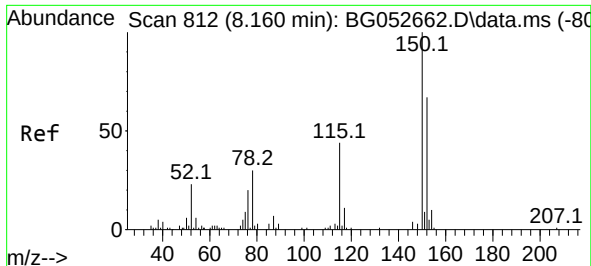
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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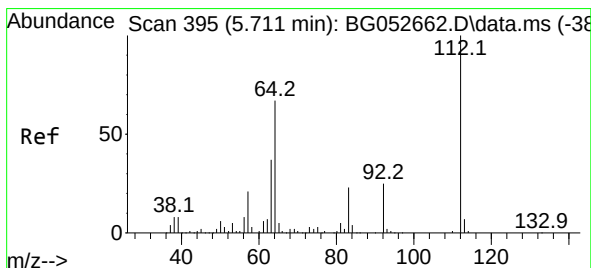
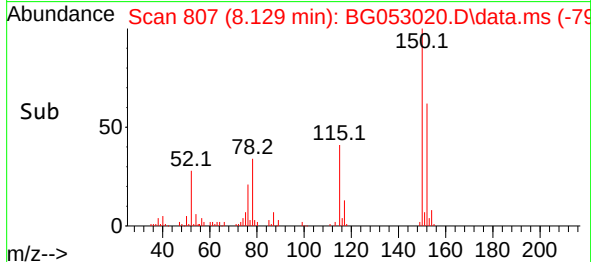
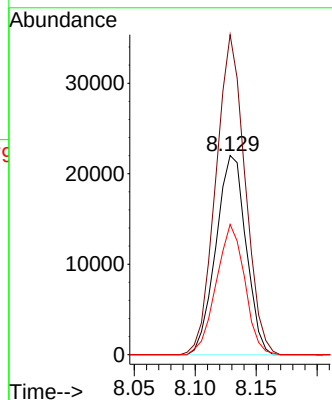
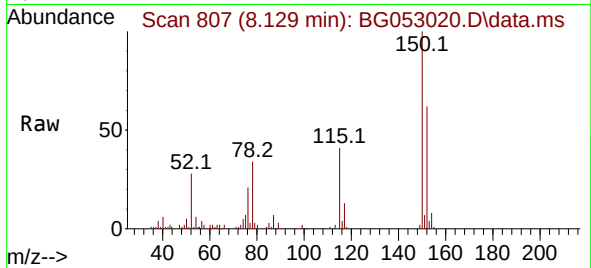




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

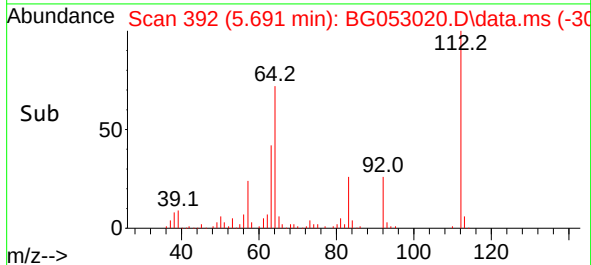
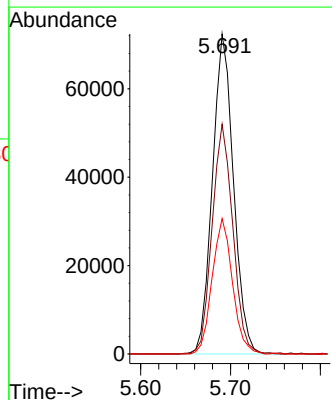
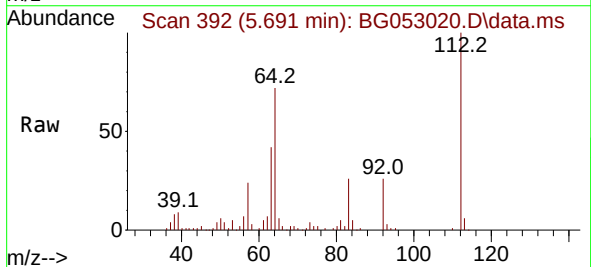
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-02

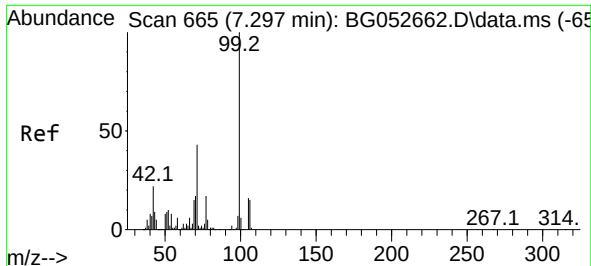
Tgt Ion:152 Resp: 37837
Ion Ratio Lower Upper
152 100
150 160.6 114.6 172.0
115 65.4 45.9 68.9



#5
2-Fluorophenol
Concen: 54.232 ng
RT: 5.691 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

Tgt Ion:112 Resp: 117828
Ion Ratio Lower Upper
112 100
64 71.8 48.0 72.0
63 42.3 26.5 39.7#

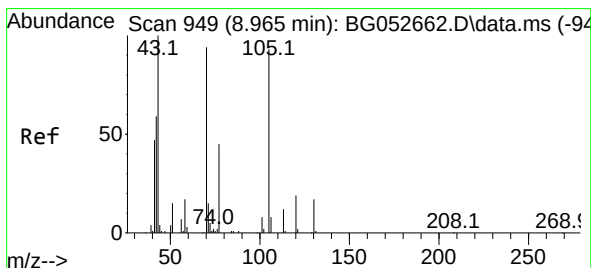
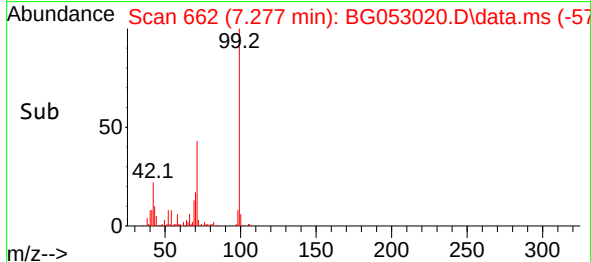
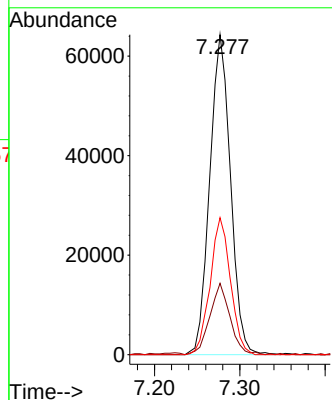
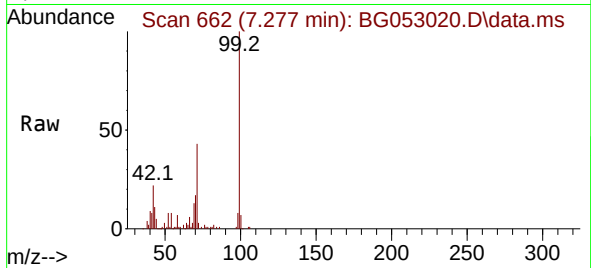




#7
Phenol-d6
Concen: 33.203 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

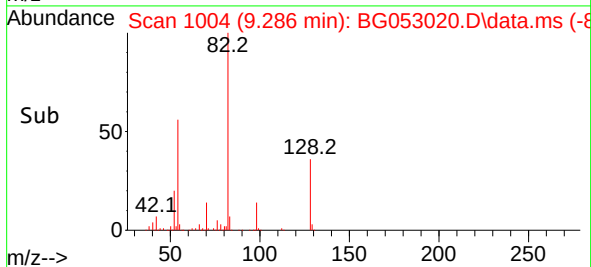
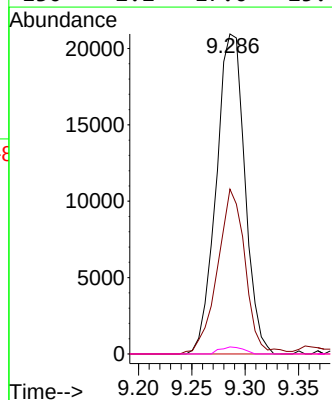
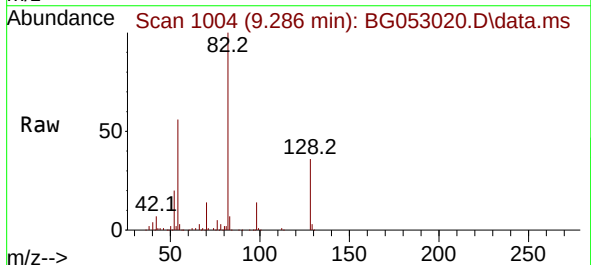
Instrument :
BNA_G
ClientSampleId :
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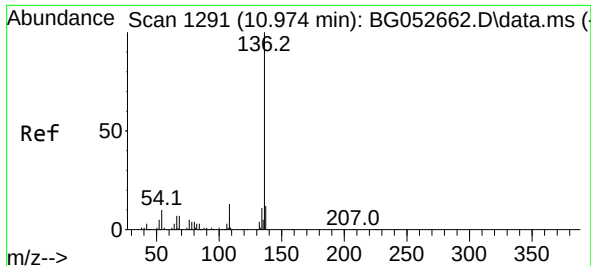
Tgt Ion: 99 Resp: 108755
Ion Ratio Lower Upper
99 100
42 22.3 14.7 22.1#
71 42.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.824 ng
RT: 9.286 min Scan# 1004
Delta R.T. 0.341 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

Tgt Ion: 70 Resp: 39029
Ion Ratio Lower Upper
70 100
42 51.5 46.0 69.0
101 0.0 6.2 9.4#
130 2.2 17.0 25.4#

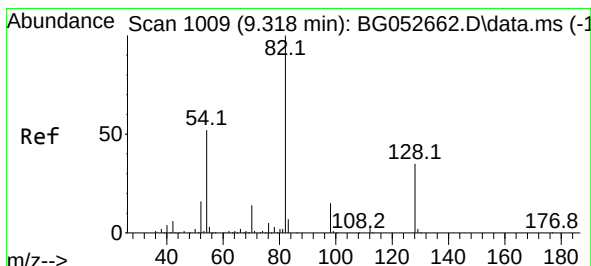
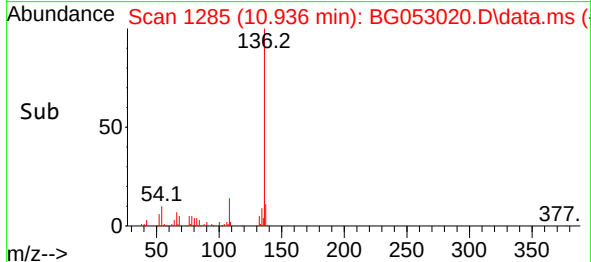
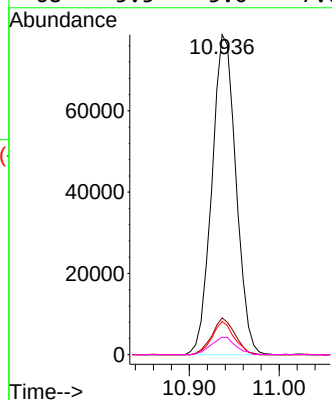
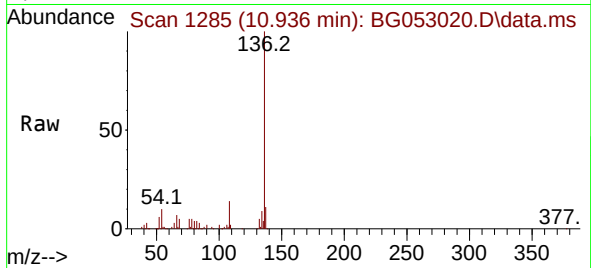




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

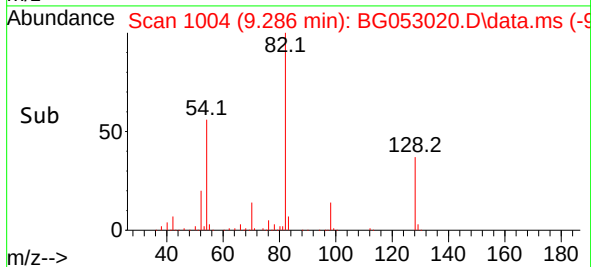
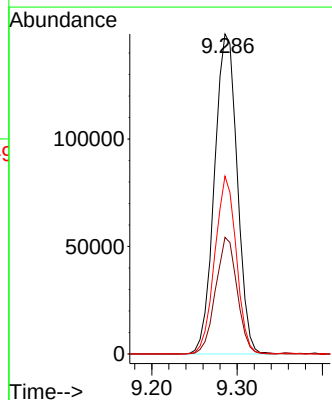
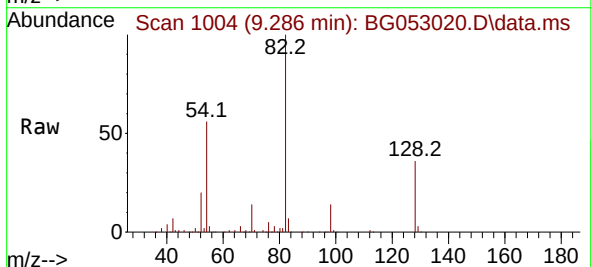
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-02

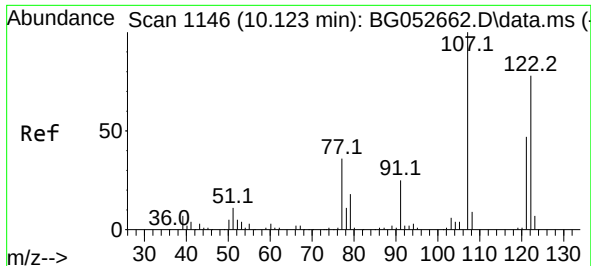
Tgt Ion:136 Resp: 146421
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 10.3 6.4 9.6#
68 5.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 94.574 ng
RT: 9.286 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

Tgt Ion: 82 Resp: 275902
Ion Ratio Lower Upper
82 100
128 36.5 31.3 46.9
54 55.5 37.8 56.8

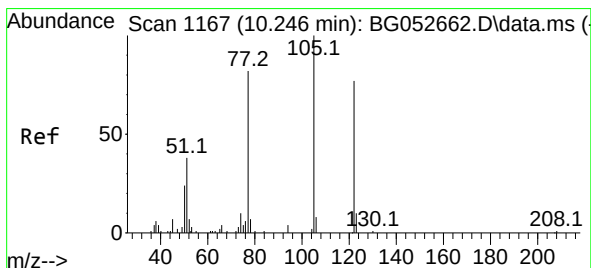
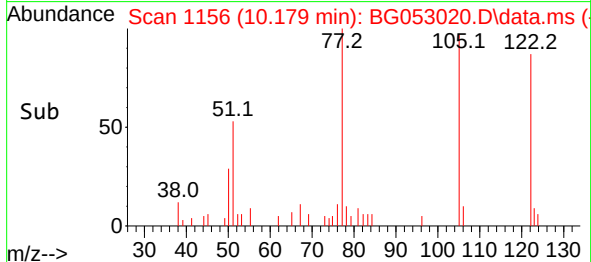
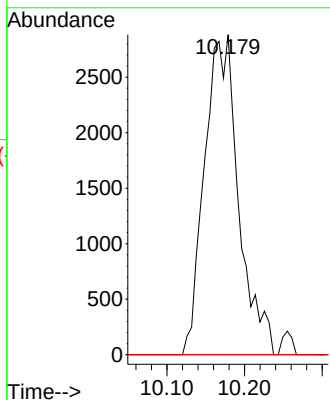
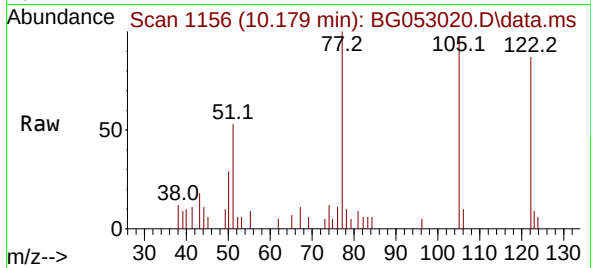




#27
2,4-Dimethylphenol
Concen: 4.245 ng
RT: 10.179 min Scan# 1156
Delta R.T. 0.065 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

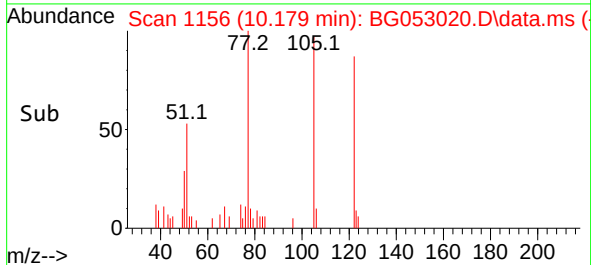
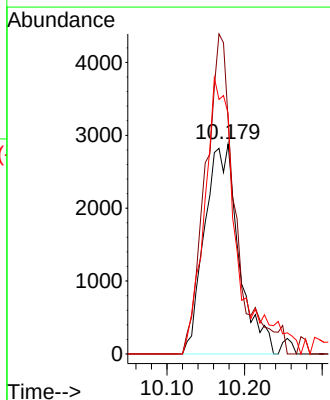
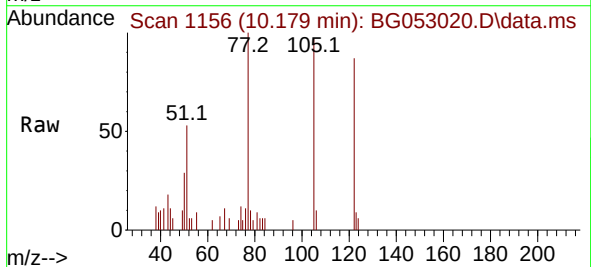
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-02

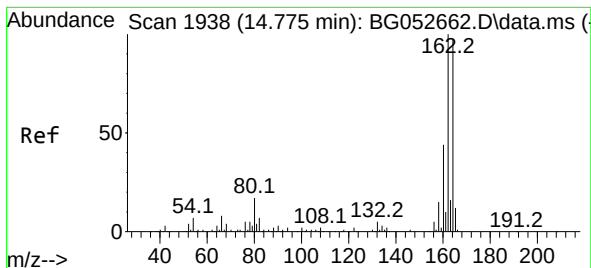
Tgt Ion:122 Resp: 8803
Ion Ratio Lower Upper
122 100
107 0.0 96.7 145.1#
121 0.0 46.3 69.5#



#32
Benzoic acid
Concen: 10.714 ng
RT: 10.179 min Scan# 1156
Delta R.T. -0.059 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

Tgt Ion:122 Resp: 8803
Ion Ratio Lower Upper
122 100
105 111.3 112.8 152.8#
77 114.4 78.4 118.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.749 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BG053020.D

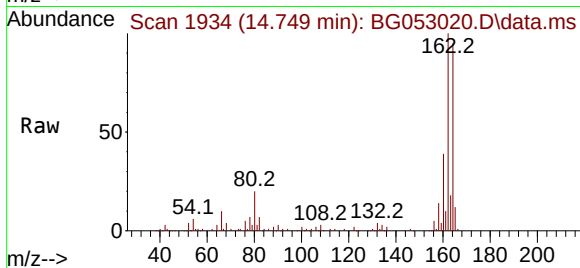
Acq: 4 Apr 2022 22:56

Instrument :

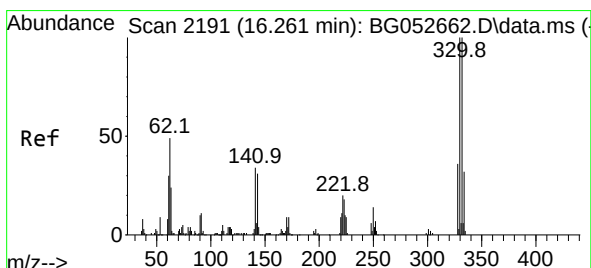
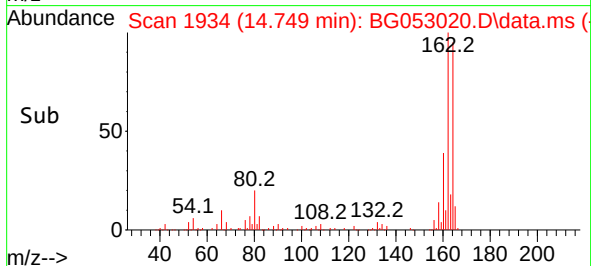
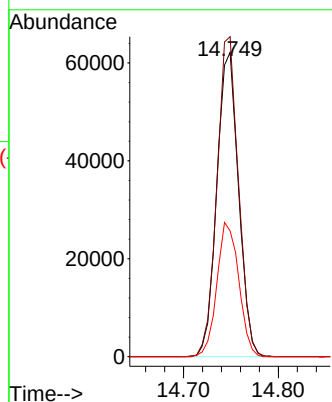
BNA_G

ClientSampleId :

SPLP-LEACHATE-AMENDED-096-21-02



Tgt Ion:	164	Resp:	99174
Ion Ratio	Lower	Upper	
164	100		
162	105.1	80.0	120.0
160	41.3	38.8	58.2



#42

2,4,6-Tribromophenol

Concen: 146.085 ng

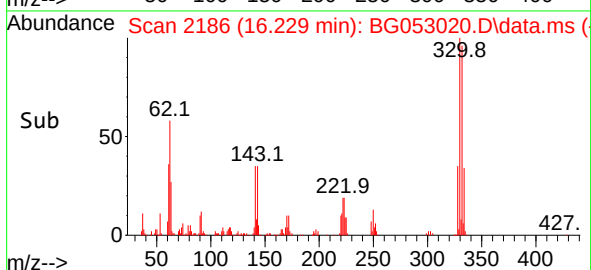
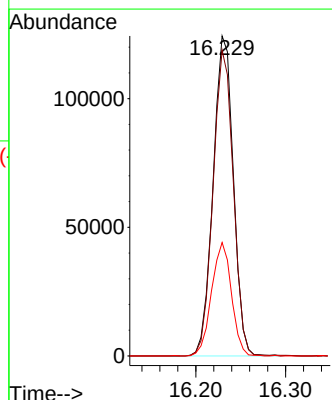
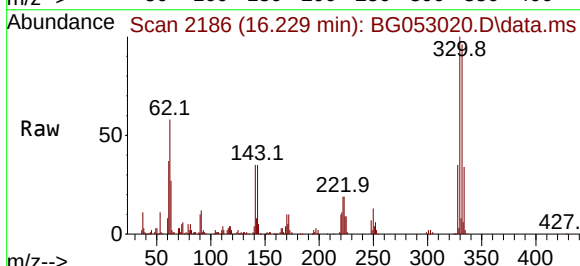
RT: 16.229 min Scan# 2186

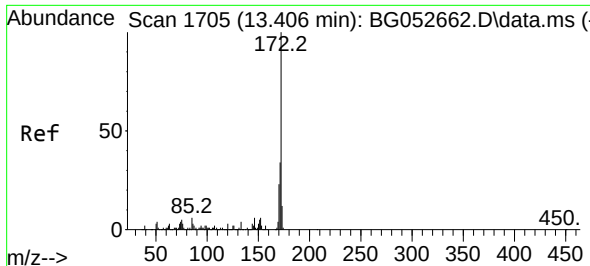
Delta R.T. -0.018 min

Lab File: BG053020.D

Acq: 4 Apr 2022 22:56

Tgt Ion:	330	Resp:	194678
Ion Ratio	Lower	Upper	
330	100		
332	95.3	75.8	113.6
141	34.8	24.6	36.8

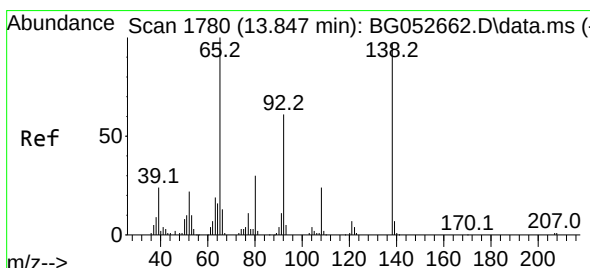
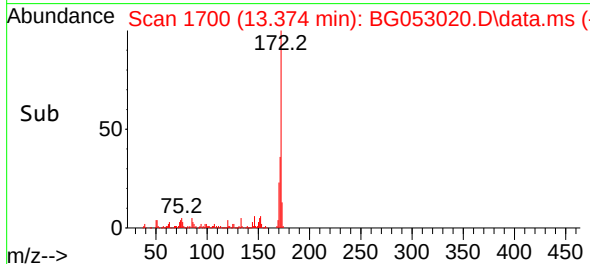
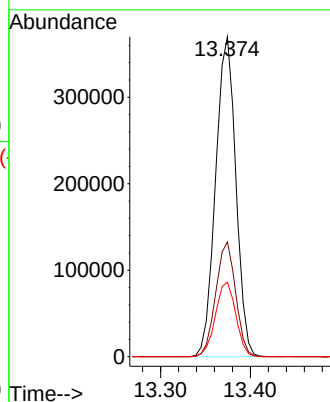
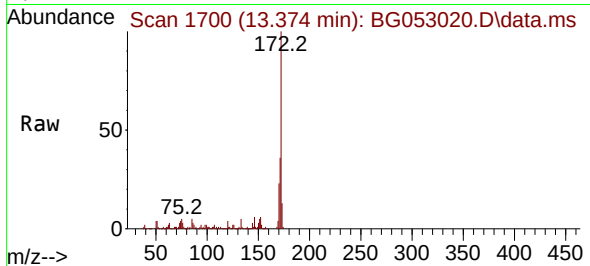




#45
2-Fluorobiphenyl
Concen: 86.004 ng
RT: 13.374 min Scan# 1705
Delta R.T. -0.018 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

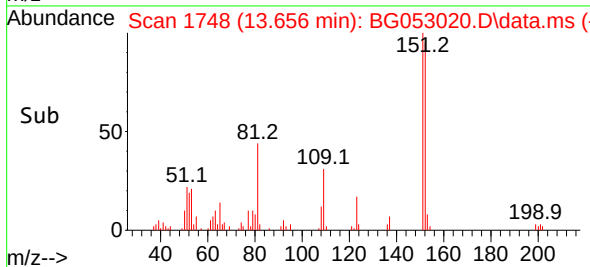
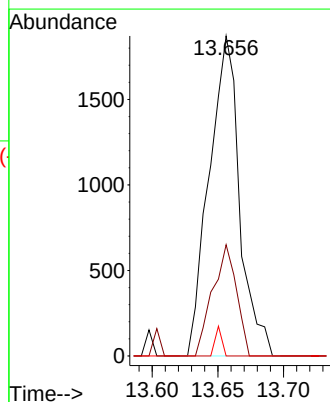
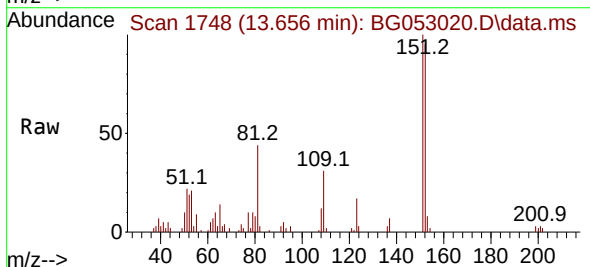
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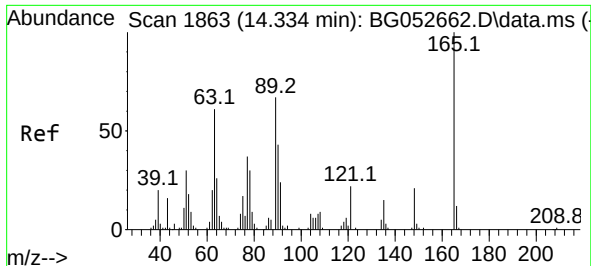
Tgt Ion:172 Resp: 578323
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.3 18.0 27.0



#48
2-Nitroaniline
Concen: 2.018 ng
RT: 13.656 min Scan# 1748
Delta R.T. -0.176 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

Tgt Ion: 65 Resp: 3015
Ion Ratio Lower Upper
65 100
92 34.7 52.1 78.1#
138 0.0 80.1 120.1#

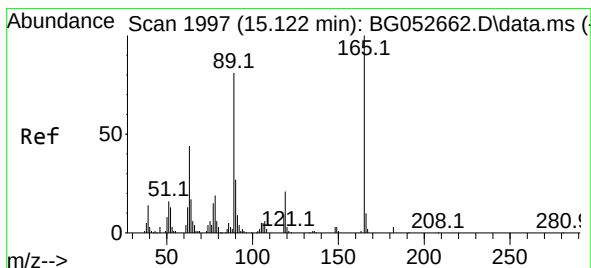
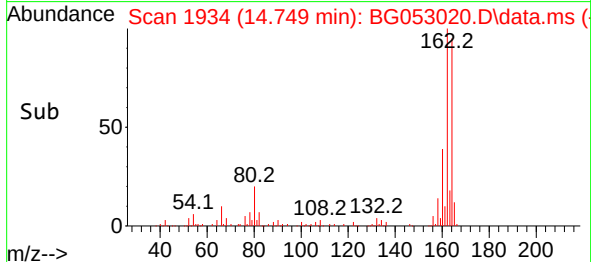
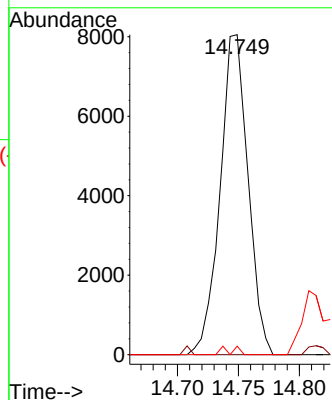
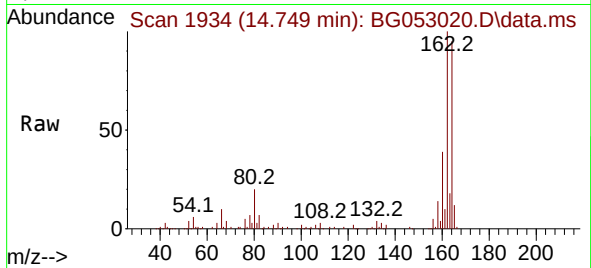




#51
2,6-Dinitrotoluene
Concen: 10.323 ng
RT: 14.749 min Scan# 1934
Delta R.T. 0.423 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

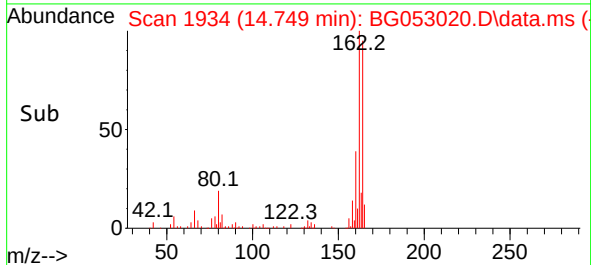
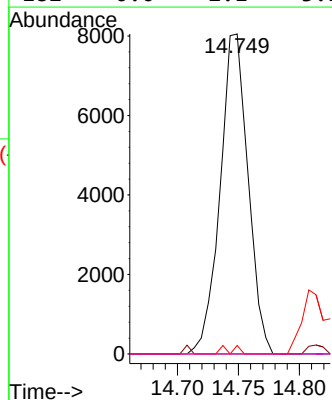
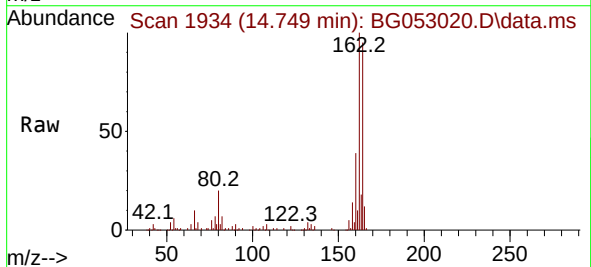
Instrument :
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ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-02

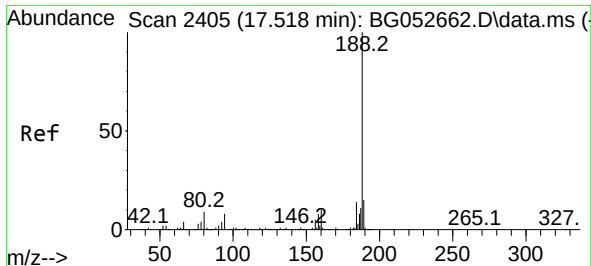
Tgt Ion:165 Resp: 12847
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.6 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.440 ng
RT: 14.749 min Scan# 1934
Delta R.T. -0.364 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

Tgt Ion:165 Resp: 12847
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.6 57.4 86.0#
182 0.0 2.1 3.1#

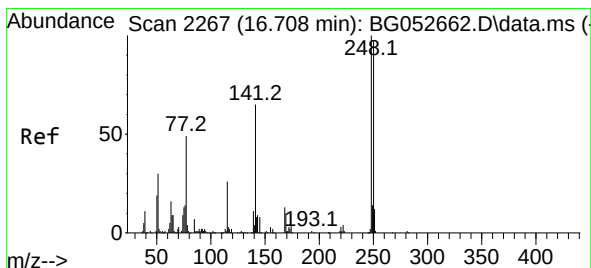
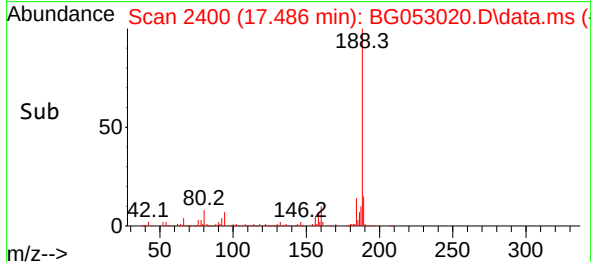
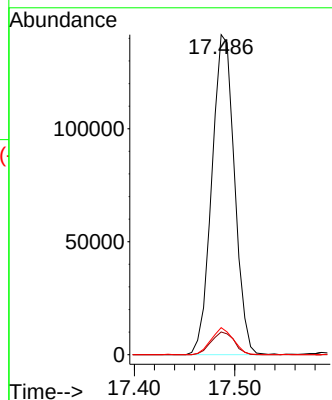
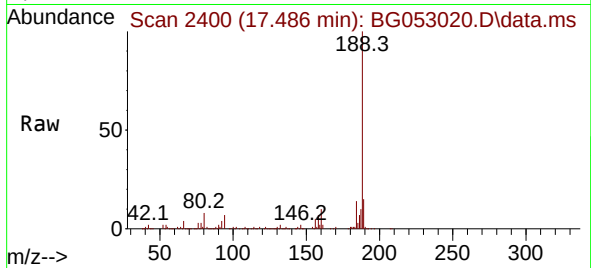




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2405
Delta R.T. -0.018 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

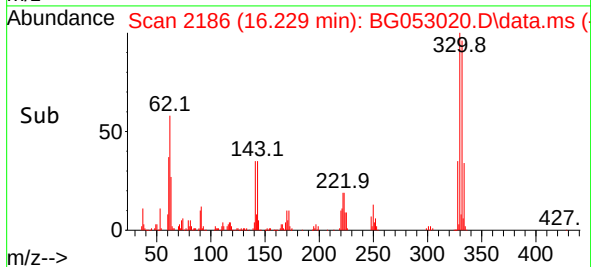
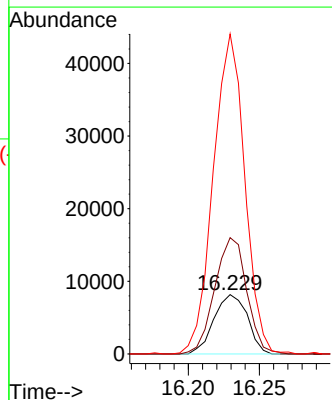
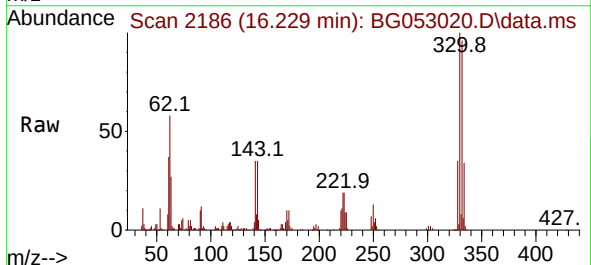
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-02

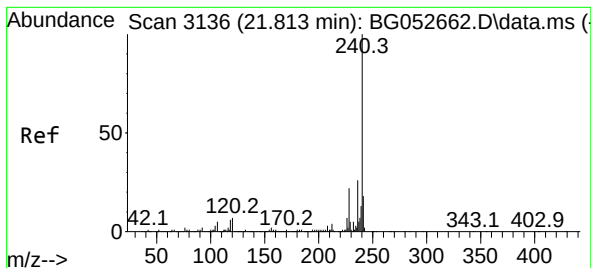
Tgt Ion:188 Resp: 221801
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.4 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.000 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.464 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

Tgt Ion:248 Resp: 13370
Ion Ratio Lower Upper
248 100
250 196.2 77.9 116.9#
141 539.7 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.769 min Scan# 31

Delta R.T. -0.029 min

Lab File: BG053020.D

Acq: 4 Apr 2022 22:56

Instrument :

BNA_G

ClientSampleId :

SPLP-LEACHATE-AMENDED-096-21-02

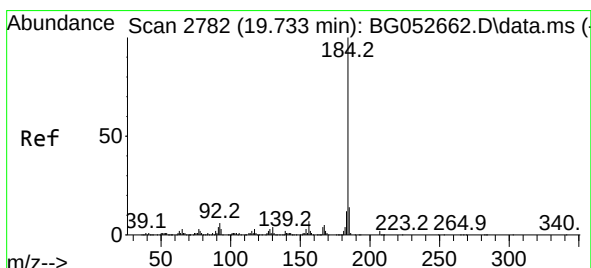
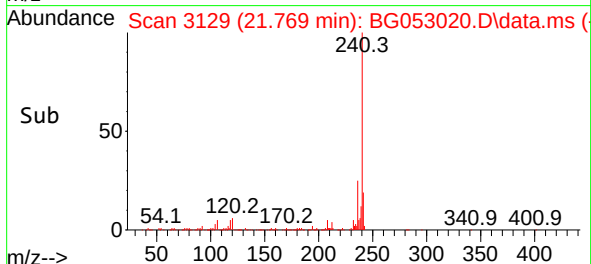
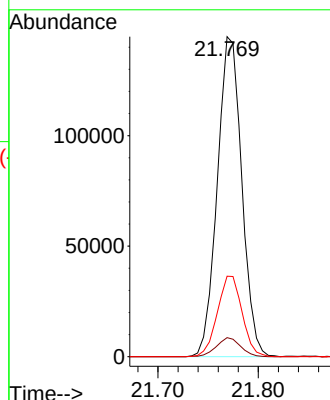
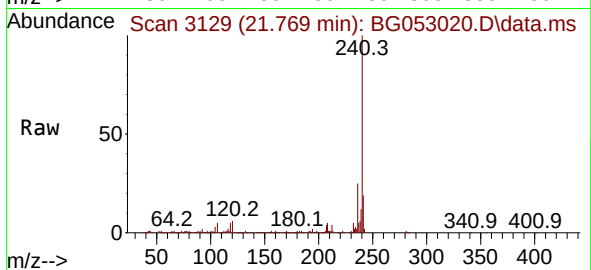
Tgt Ion:240 Resp: 244762

Ion Ratio Lower Upper

240 100

120 6.0 5.4 8.0

236 25.2 19.8 29.6



#77

Benzidine

Concen: 3.289 ng

RT: 20.095 min Scan# 2844

Delta R.T. 0.370 min

Lab File: BG053020.D

Acq: 4 Apr 2022 22:56

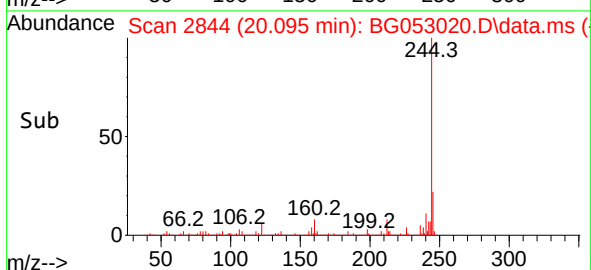
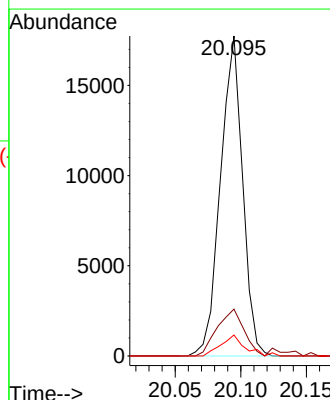
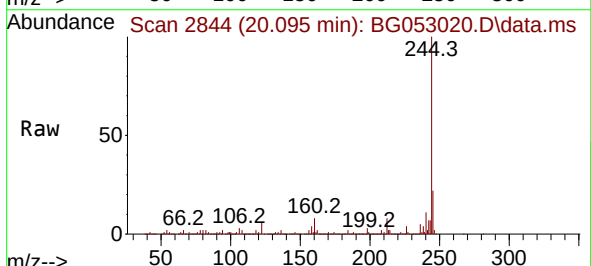
Tgt Ion:184 Resp: 20763

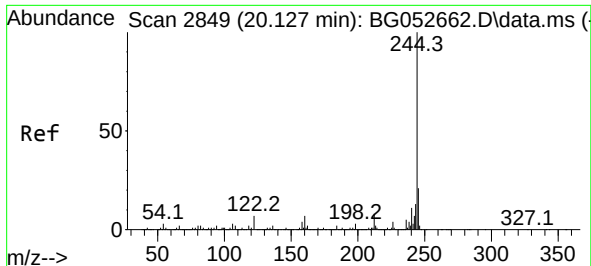
Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

183 6.6 9.4 14.2#

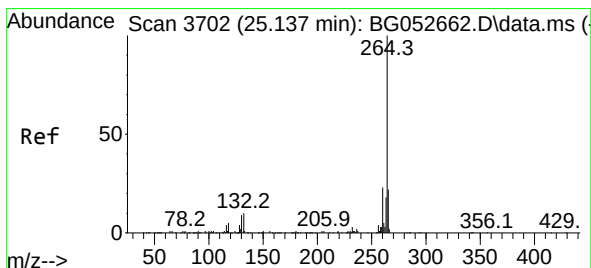
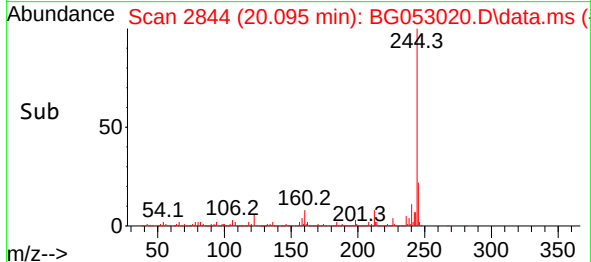
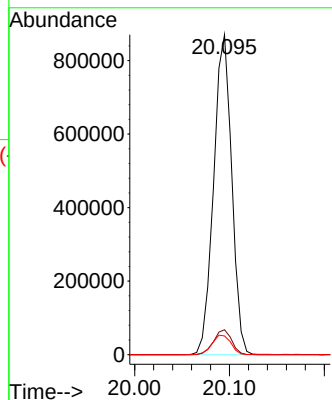
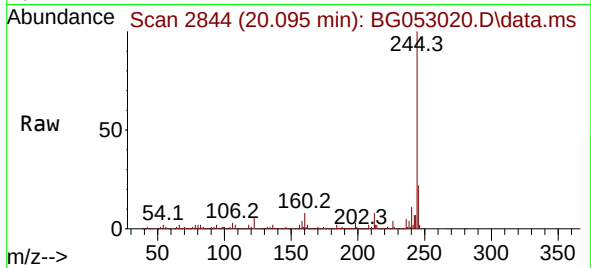




#79
 Terphenyl-d14
 Concen: 83.703 ng
 RT: 20.095 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG053020.D
 Acq: 4 Apr 2022 22:56

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-096-21-02

Tgt Ion:244 Resp: 1151719
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 5.8 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.070 min Scan# 3691
 Delta R.T. -0.041 min
 Lab File: BG053020.D
 Acq: 4 Apr 2022 22:56

Tgt Ion:264 Resp: 258610
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.2 27.2
 265 21.9 15.1 22.7

