

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053015.D
 Acq On : 4 Apr 2022 19:42
 Operator : CG/JU
 Sample : N2207-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-098-21-01

Quant Time: Apr 05 01:07:41 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)

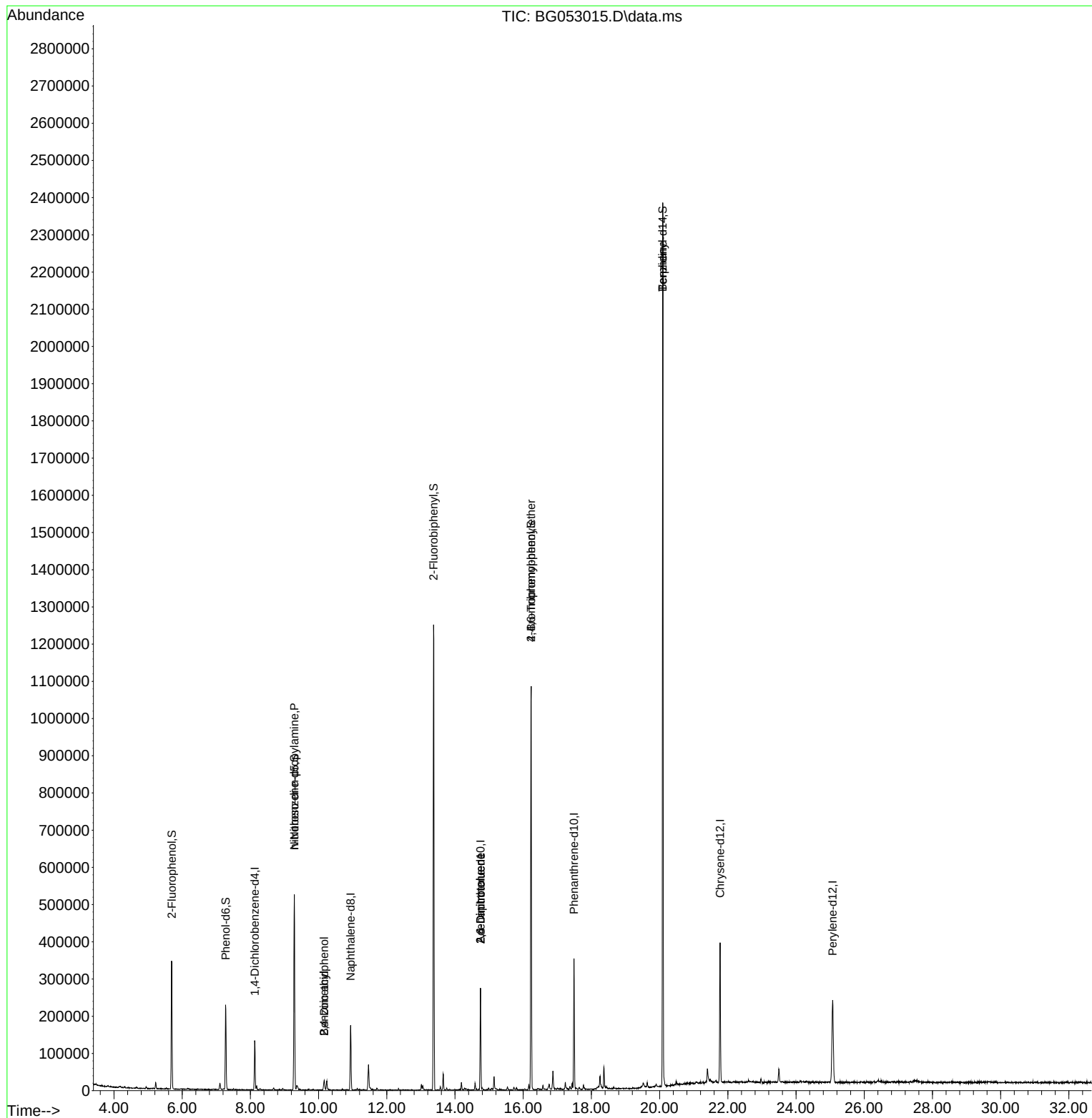
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	36163	20.000	ng	-0.02
21) Naphthalene-d8	10.939	136	137762	20.000	ng	-0.02
39) Acenaphthene-d10	14.746	164	98216	20.000	ng	-0.02
64) Phenanthrene-d10	17.489	188	215960	20.000	ng	-0.01
76) Chrysene-d12	21.772	240	236809	20.000	ng	-0.03
86) Perylene-d12	25.073	264	247675	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	140773	67.792	ng	0.00
7) Phenol-d6	7.274	99	123152	39.338	ng	-0.01
23) Nitrobenzene-d5	9.289	82	320942	116.927	ng	-0.01
42) 2,4,6-Tribromophenol	16.232	330	209523	158.758	ng	-0.01
45) 2-Fluorobiphenyl	13.371	172	653970	98.203	ng	-0.02
79) Terphenyl-d14	20.092	244	1236180	92.859	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.262	77	1601	Below Cal	#	60
19) n-Nitroso-di-n-propyla...	9.289	70	46507	20.975	ng	# 79
27) 2,4-Dimethylphenol	10.164	122	11117	5.698	ng	# 2
32) Benzoic acid	10.164	122	11117	12.439	ng	# 86
51) 2,6-Dinitrotoluene	14.746	165	12842	10.420	ng	# 24
57) 2,4-Dinitrotoluene	14.746	165	12842	7.510	ng	# 22
67) 4-Bromophenyl-phenylether	16.232	248	13436	5.160	ng	# 1
77) Benzidine	20.092	184	21623	3.540	ng	# 92

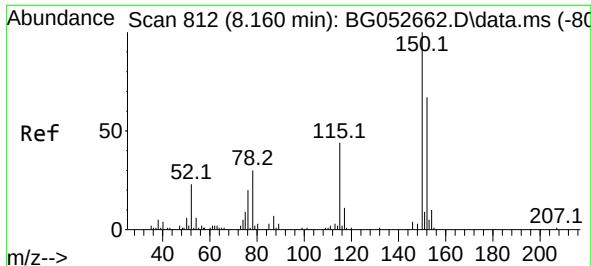
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
Data File : BG053015.D
Acq On : 4 Apr 2022 19:42
Operator : CG/JU
Sample : N2207-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-098-21-01

Quant Time: Apr 05 01:07:41 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

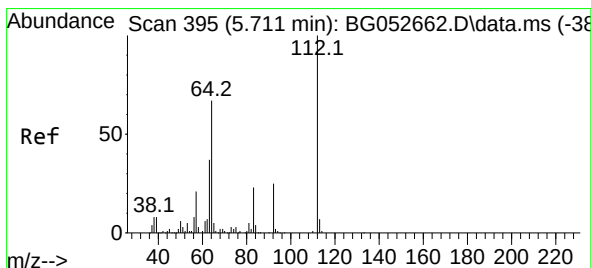
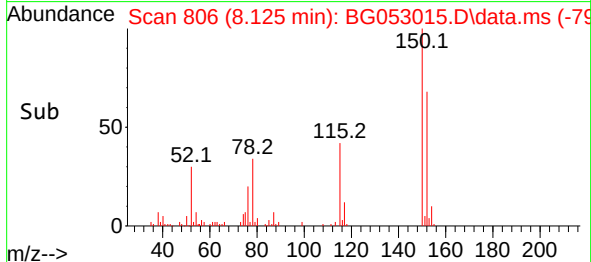
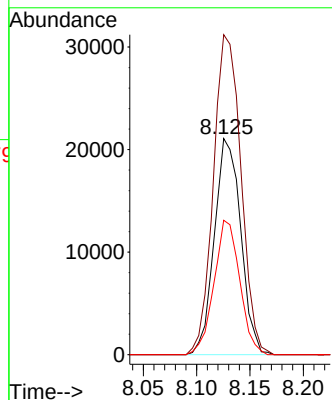
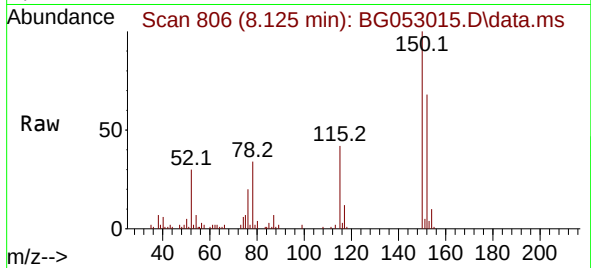




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.125 min Scan# 80
Delta R.T. -0.021 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

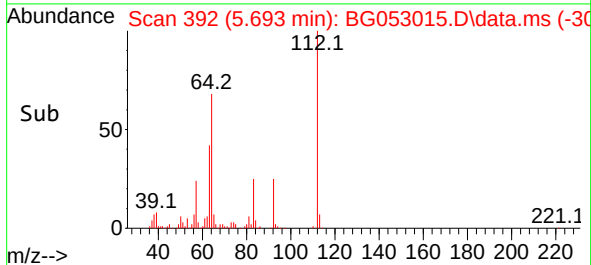
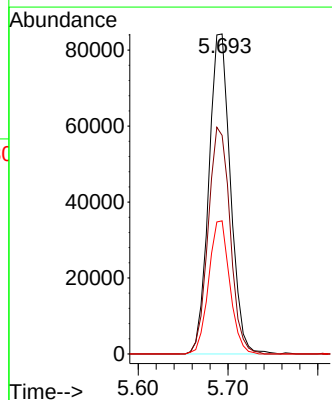
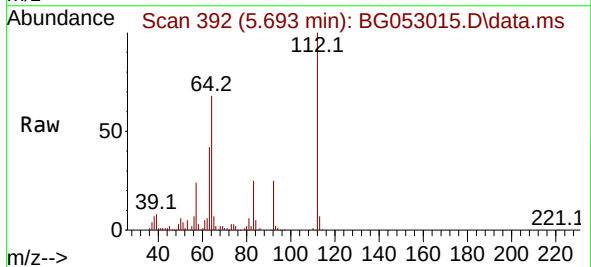
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-098-21-01

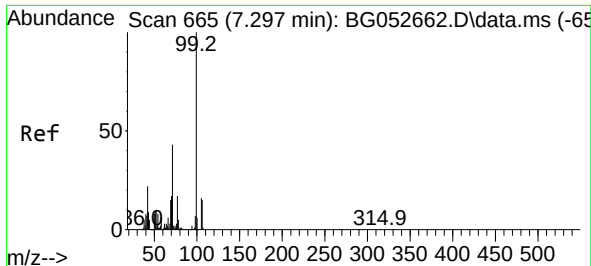
Tgt Ion:152 Resp: 36163
Ion Ratio Lower Upper
152 100
150 148.0 114.6 172.0
115 62.2 45.9 68.9



#5
2-Fluorophenol
Concen: 67.792 ng
RT: 5.693 min Scan# 392
Delta R.T. -0.003 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

Tgt Ion:112 Resp: 140773
Ion Ratio Lower Upper
112 100
64 68.3 48.0 72.0
63 41.6 26.5 39.7#

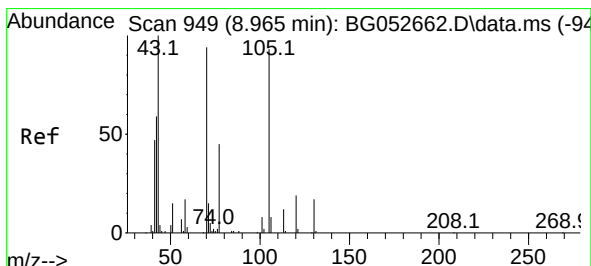
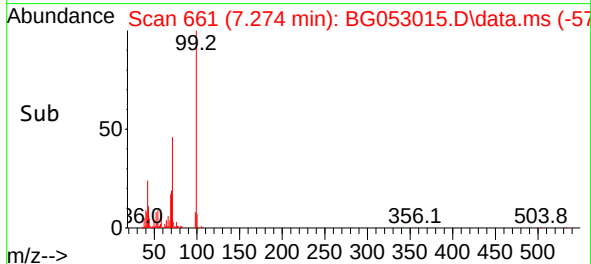
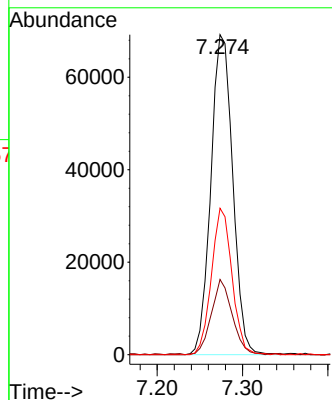
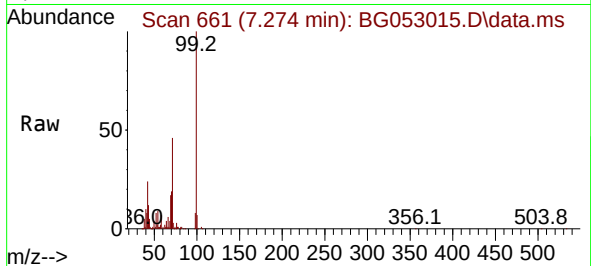




#7
Phenol-d6
Concen: 39.338 ng
RT: 7.274 min Scan# 61
Delta R.T. -0.015 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

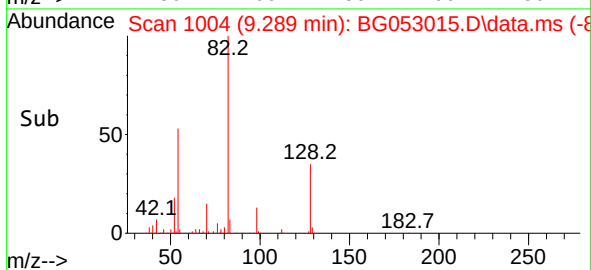
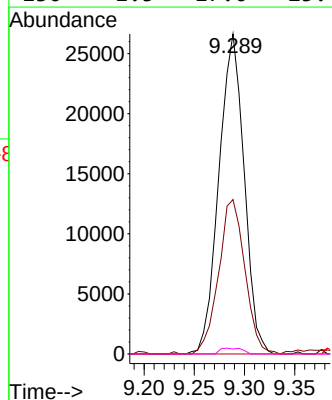
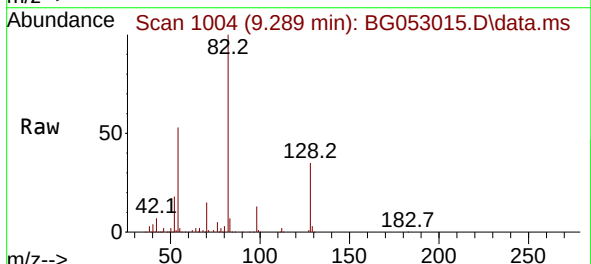
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-098-21-01

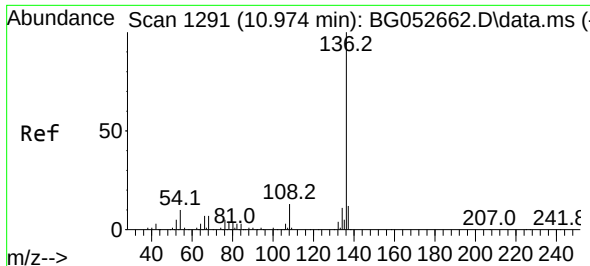
Tgt Ion: 99 Resp: 123152
Ion Ratio Lower Upper
99 100
42 23.5 14.7 22.1#
71 45.7 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 20.975 ng
RT: 9.289 min Scan# 1004
Delta R.T. 0.344 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

Tgt Ion: 70 Resp: 46507
Ion Ratio Lower Upper
70 100
42 48.3 46.0 69.0
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#

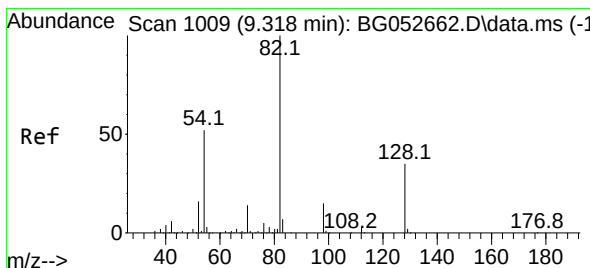
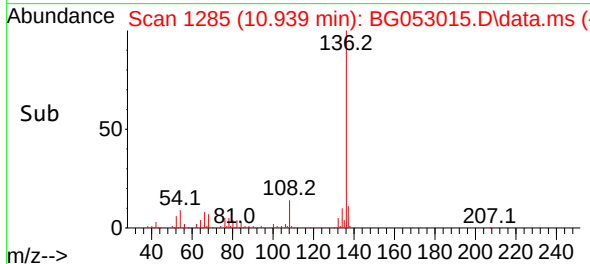
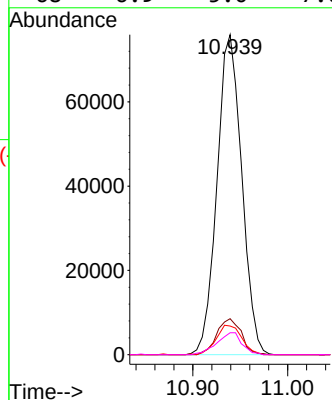
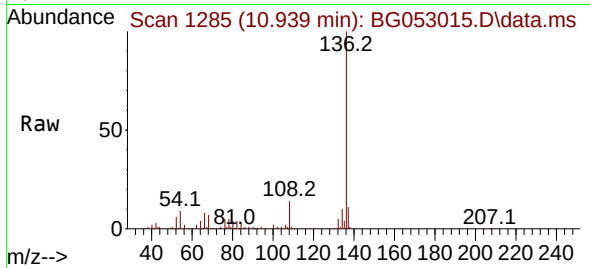




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.939 min Scan# 11
Delta R.T. -0.021 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

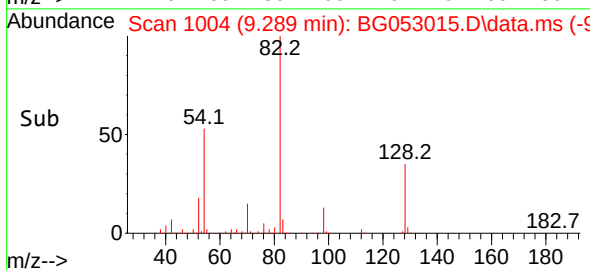
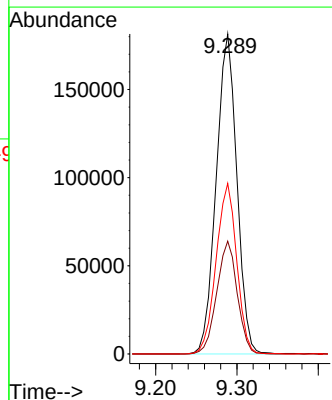
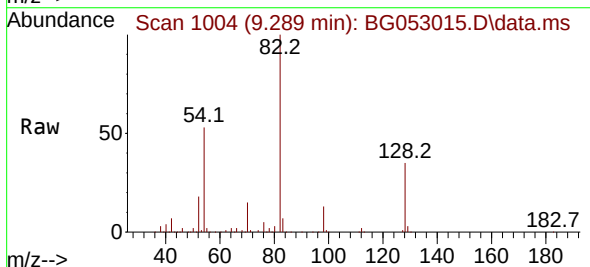
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-098-21-01

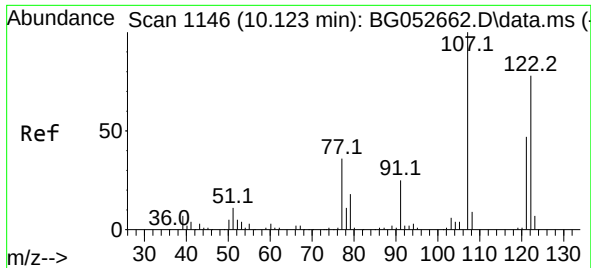
Tgt Ion:136 Resp: 137762
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 8.9 6.4 9.6
68 6.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 116.927 ng
RT: 9.289 min Scan# 1004
Delta R.T. -0.015 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

Tgt Ion: 82 Resp: 320942
Ion Ratio Lower Upper
82 100
128 35.2 31.3 46.9
54 53.3 37.8 56.8

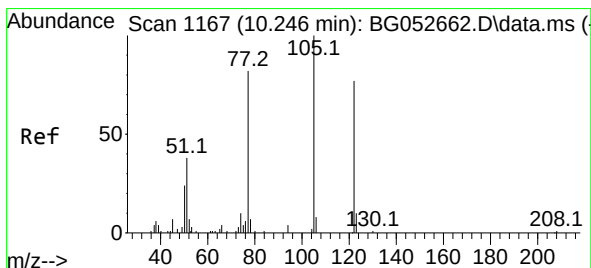
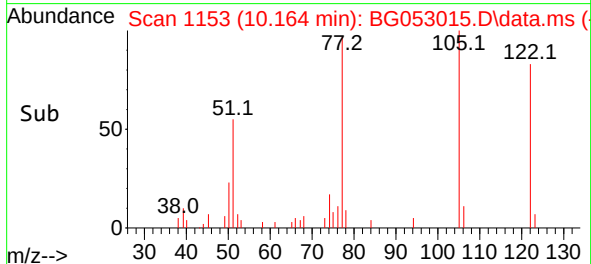
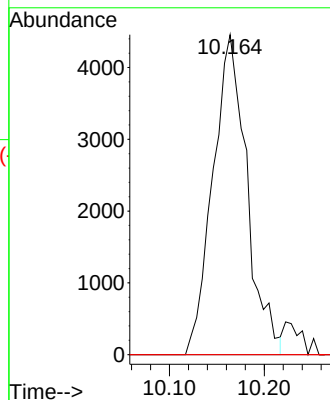
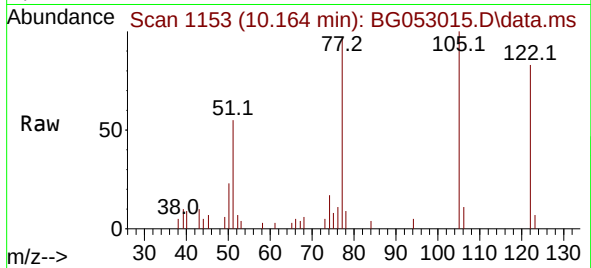




#27
2,4-Dimethylphenol
Concen: 5.698 ng
RT: 10.164 min Scan# 1146
Delta R.T. 0.050 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

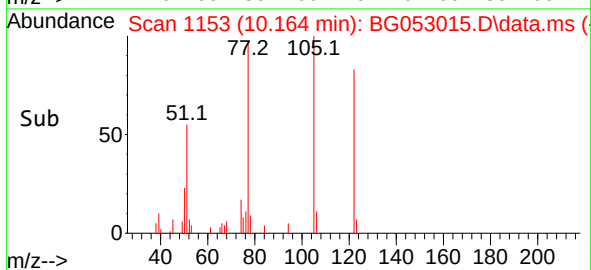
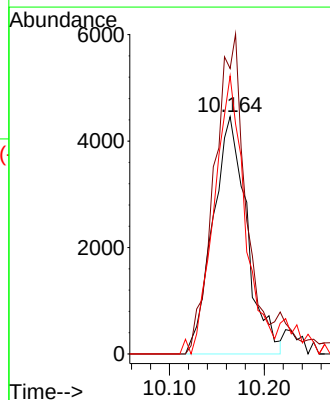
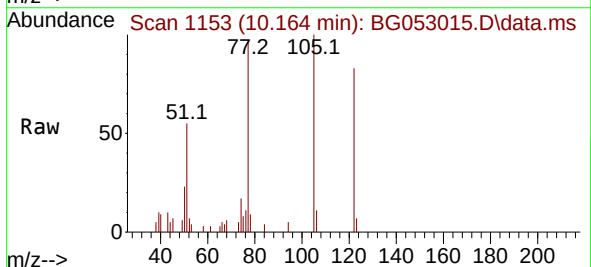
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-098-21-01

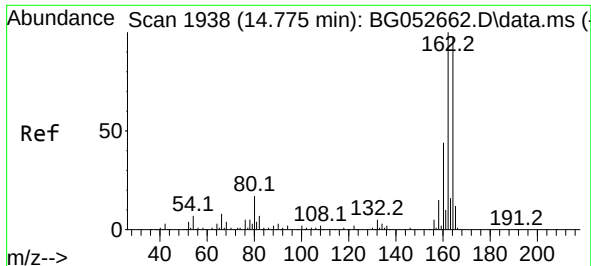
Tgt Ion:122 Resp: 11117
Ion Ratio Lower Upper
122 100
107 0.0 96.7 145.1#
121 0.0 46.3 69.5#



#32
Benzoic acid
Concen: 12.439 ng
RT: 10.164 min Scan# 1153
Delta R.T. -0.074 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

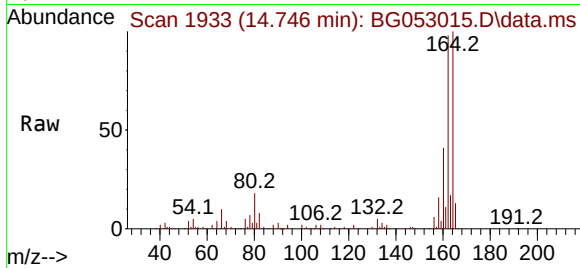
Tgt Ion:122 Resp: 11117
Ion Ratio Lower Upper
122 100
105 120.3 112.8 152.8
77 117.2 78.4 118.4



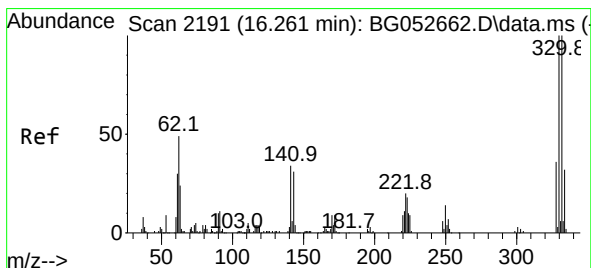
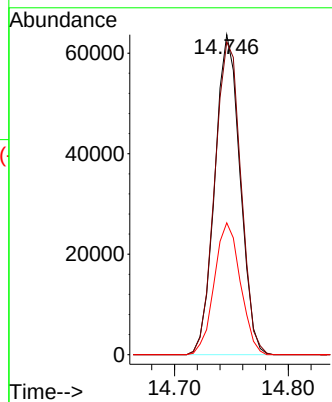
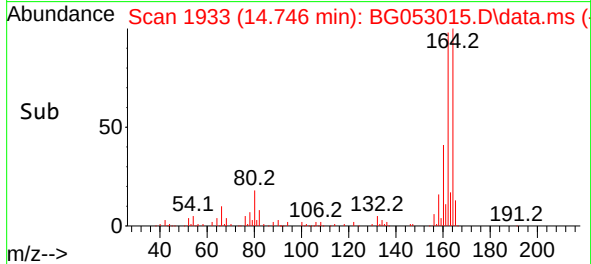


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.746 min Scan# 1933
Delta R.T. -0.021 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

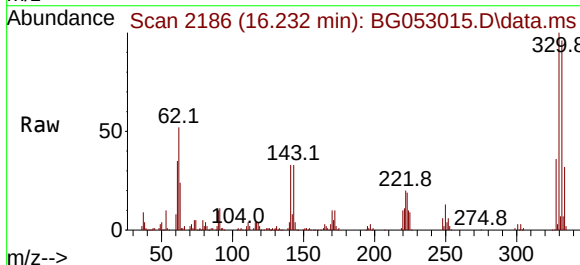
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-098-21-01



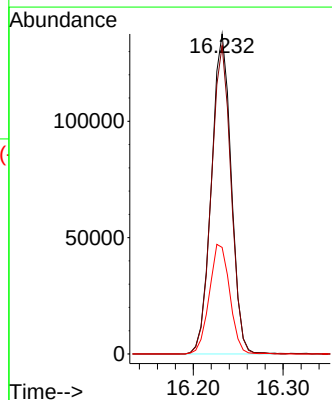
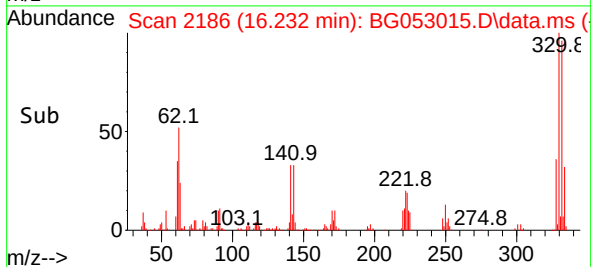
Tgt Ion:164 Resp: 98216
Ion Ratio Lower Upper
164 100
162 97.7 80.0 120.0
160 41.2 38.8 58.2

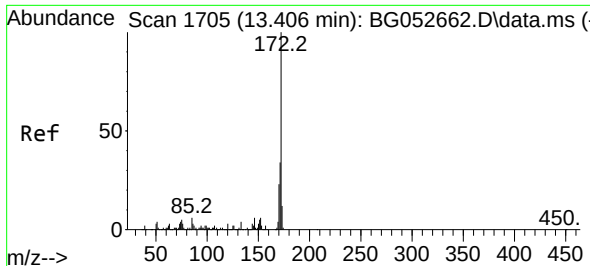


#42
2,4,6-Tribromophenol
Concen: 158.758 ng
RT: 16.232 min Scan# 2186
Delta R.T. -0.015 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42



Tgt Ion:330 Resp: 209523
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.6
141 35.6 24.6 36.8

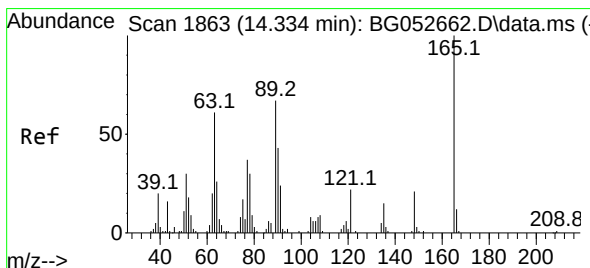
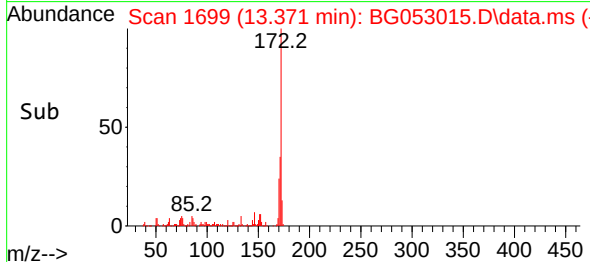
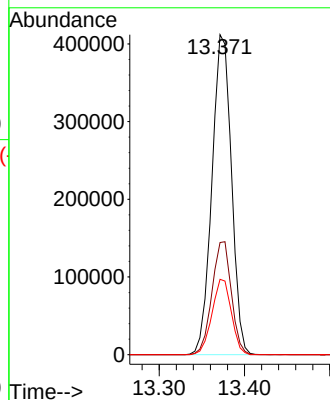
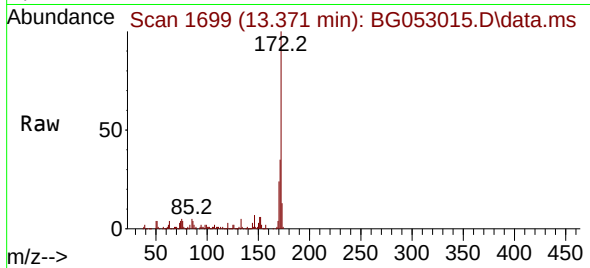




#45
2-Fluorobiphenyl
Concen: 98.203 ng
RT: 13.371 min Scan# 1
Delta R.T. -0.021 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

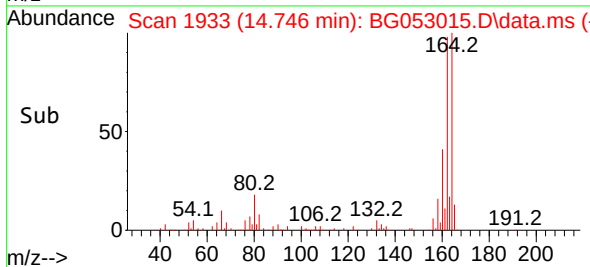
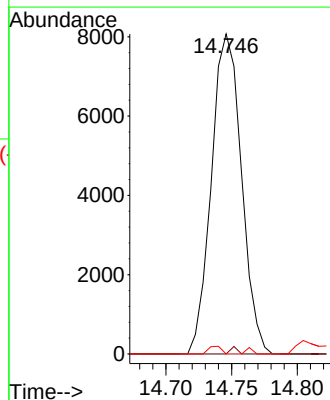
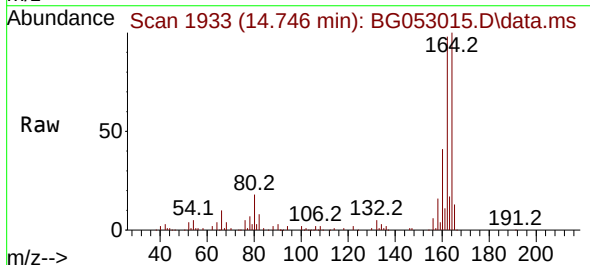
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-098-21-01

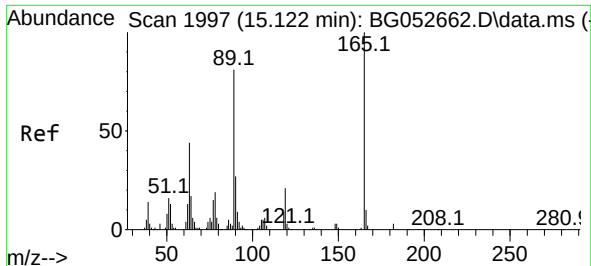
Tgt Ion:172 Resp: 653970
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.420 ng
RT: 14.746 min Scan# 1933
Delta R.T. 0.420 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

Tgt Ion:165 Resp: 12842
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

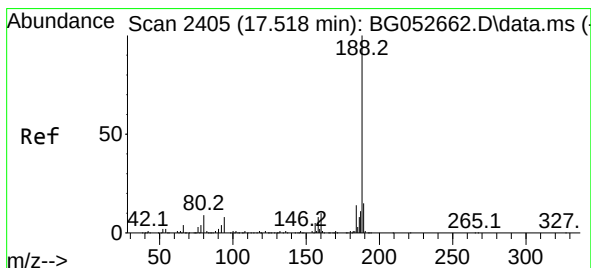
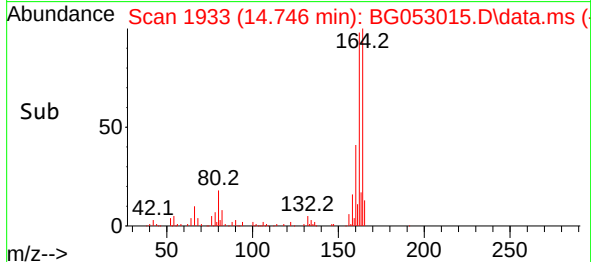
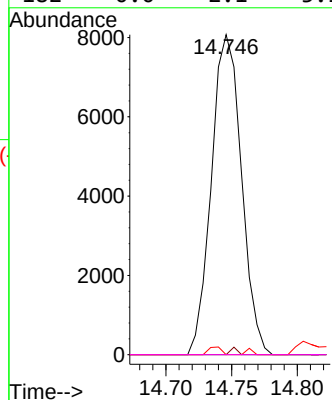
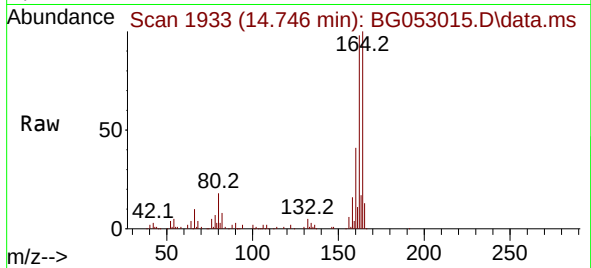




#57
2,4-Dinitrotoluene
Concen: 7.510 ng
RT: 14.746 min Scan# 1997
Delta R.T. -0.367 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

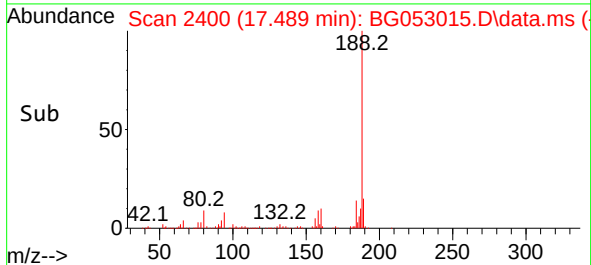
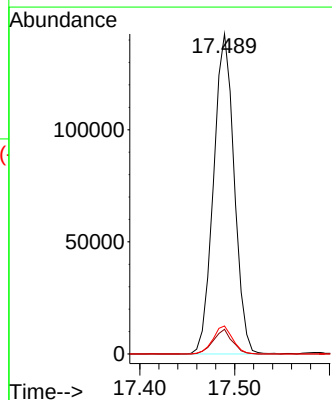
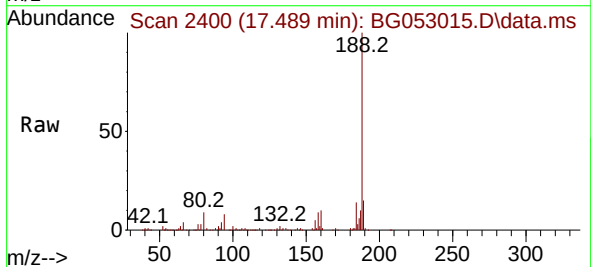
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-098-21-01

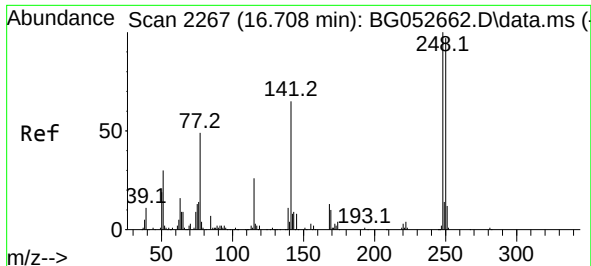
Tgt Ion:165 Resp: 12842
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 2400
Delta R.T. -0.015 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

Tgt Ion:188 Resp: 215960
Ion Ratio Lower Upper
188 100
94 7.7 5.7 8.5
80 8.8 7.2 10.8

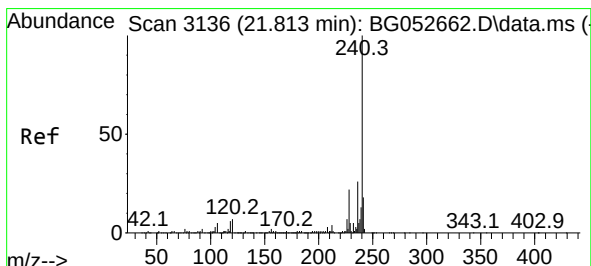
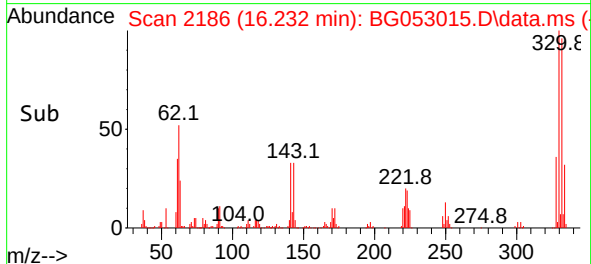
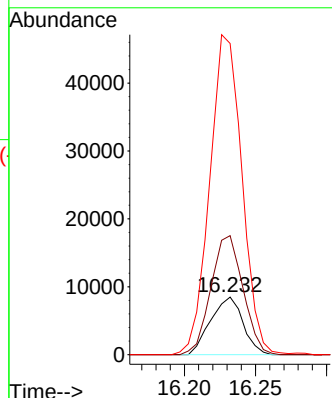
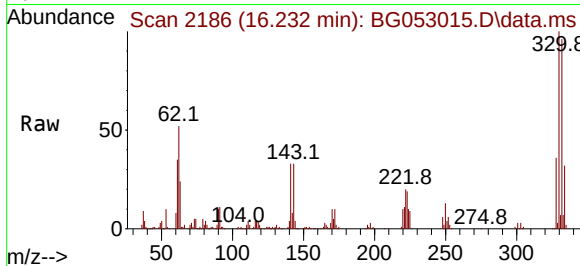




#67
4-Bromophenyl-phenylether
Concen: 5.160 ng
RT: 16.232 min Scan# 2186
Delta R.T. -0.461 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

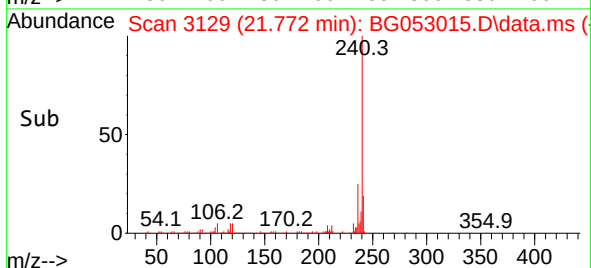
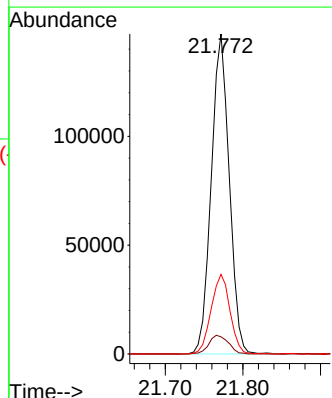
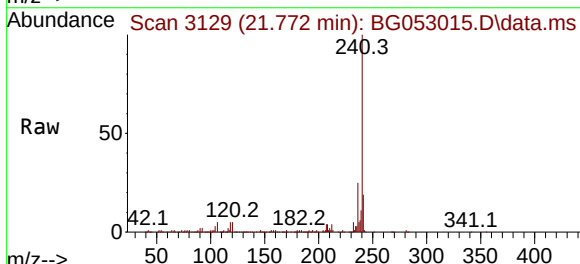
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-098-21-01

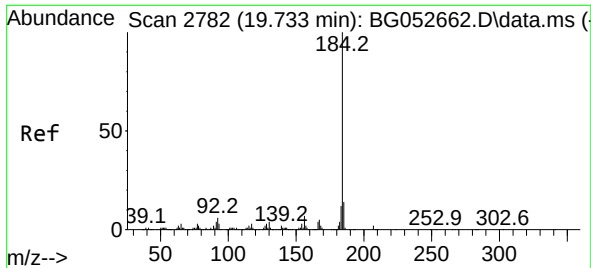
Tgt Ion:248 Resp: 13436
Ion Ratio Lower Upper
248 100
250 206.8 77.9 116.9#
141 540.7 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.772 min Scan# 3129
Delta R.T. -0.027 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

Tgt Ion:240 Resp: 236809
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0
236 24.9 19.8 29.6

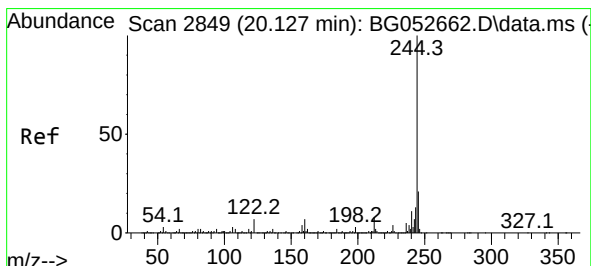
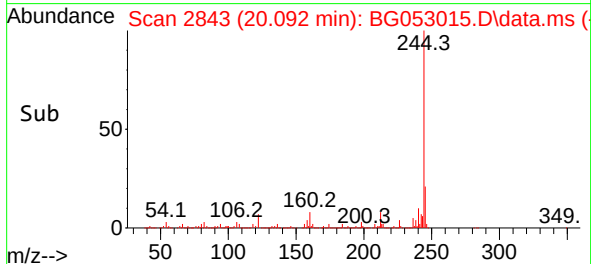
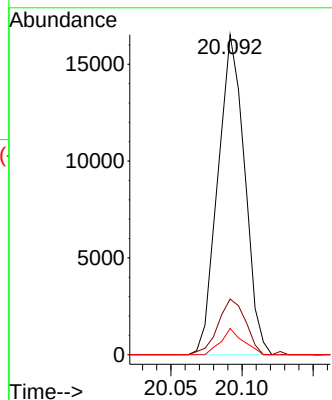
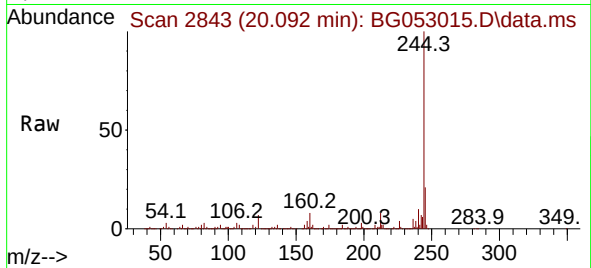




#77
Benzidine
Concen: 3.540 ng
RT: 20.092 min Scan# 2843
Delta R.T. 0.367 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

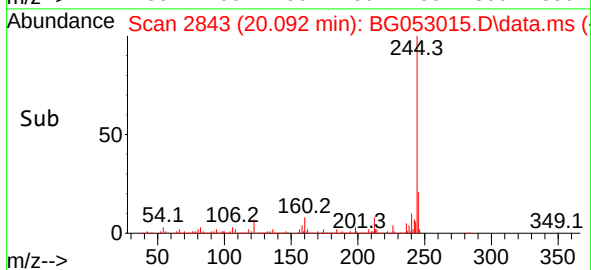
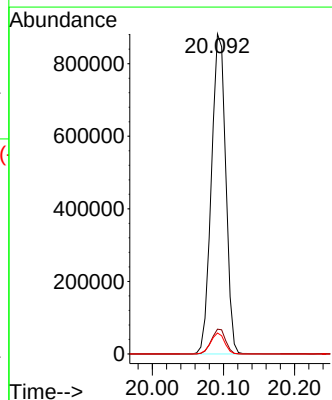
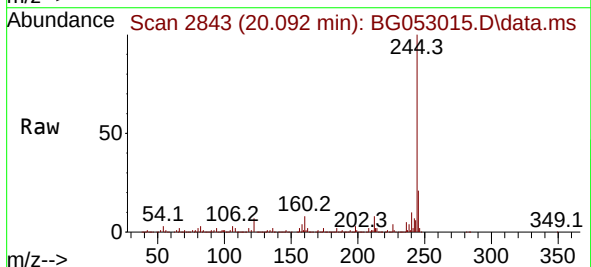
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-098-21-01

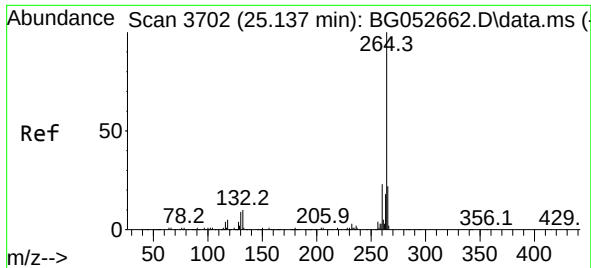
Tgt Ion:184 Resp: 21623
Ion Ratio Lower Upper
184 100
185 17.4 11.5 17.3#
183 8.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 92.859 ng
RT: 20.092 min Scan# 2843
Delta R.T. -0.021 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

Tgt Ion:244 Resp: 1236180
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.6 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.073 min Scan# 30
Delta R.T. -0.038 min
Lab File: BG053015.D
Acq: 4 Apr 2022 19:42

Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-098-21-01

Tgt Ion:264 Resp: 247675

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.2
265	20.3	15.1	22.7

