

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053010.D
 Acq On : 4 Apr 2022 16:29
 Operator : CG/JU
 Sample : N2207-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-096-21-01

Quant Time: Apr 05 01:07:05 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)

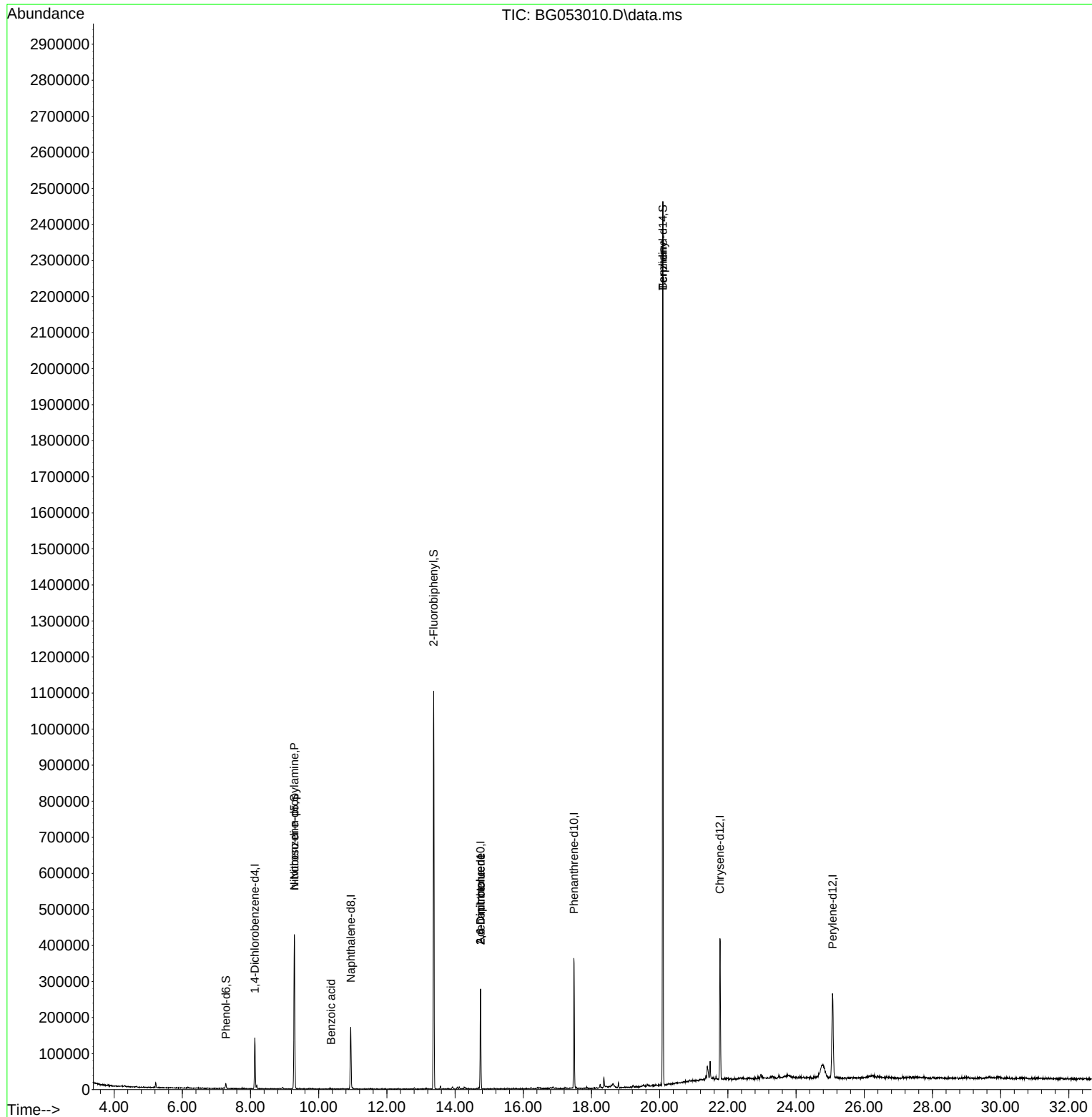
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	36989	20.000	ng	#-0.02
21) Naphthalene-d8	10.942	136	140787	20.000	ng	-0.02
39) Acenaphthene-d10	14.748	164	98252	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	231903	20.000	ng	-0.02
76) Chrysene-d12	21.768	240	256686	20.000	ng	-0.03
86) Perylene-d12	25.070	264	260686	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	455	0.214	ng	0.00
7) Phenol-d6	7.276	99	7732	2.415	ng	-0.01
23) Nitrobenzene-d5	9.285	82	275155	98.092	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	628	0.476	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	578367	86.818	ng	-0.02
79) Terphenyl-d14	20.094	244	1236319	85.678	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	7.264	77	986	Below Cal	#	67
19) n-Nitroso-di-n-propyla...	9.285	70	39295	17.327	ng	# 80
32) Benzoic acid	10.360	122	56	5.706	ng	# 1
51) 2,6-Dinitrotoluene	14.748	165	12843	10.417	ng	# 25
57) 2,4-Dinitrotoluene	14.748	165	12843	7.508	ng	# 23
77) Benzidine	20.094	184	21538	3.253	ng	# 87

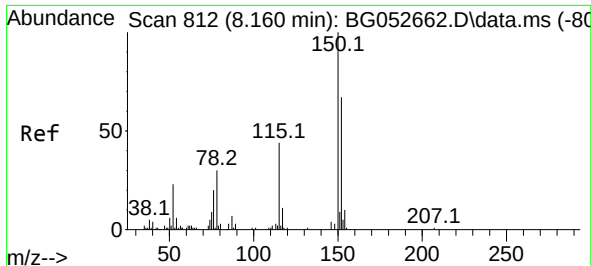
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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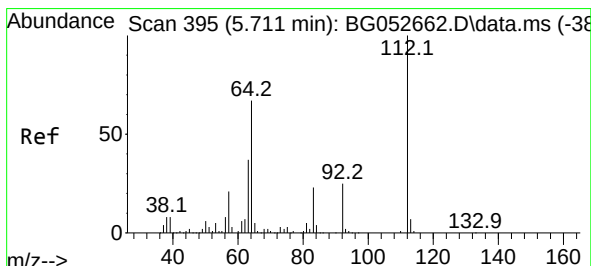
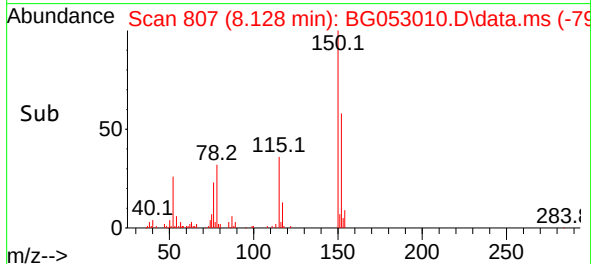
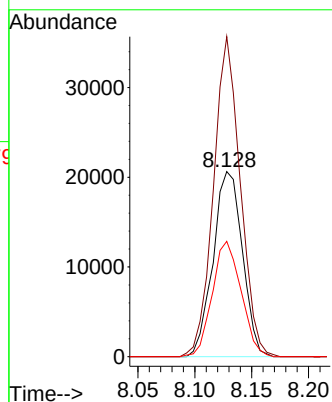
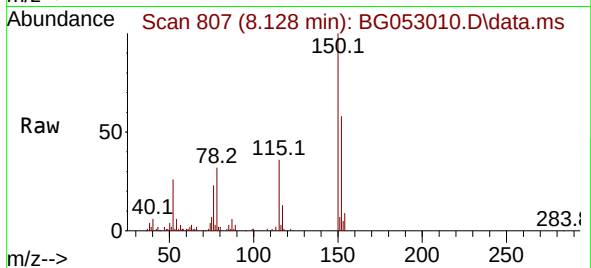




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

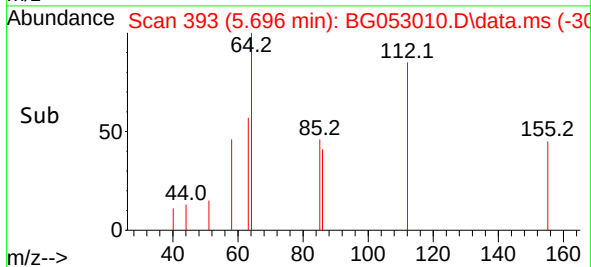
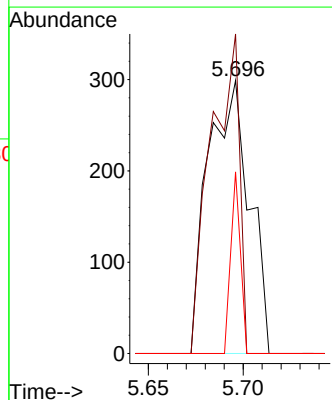
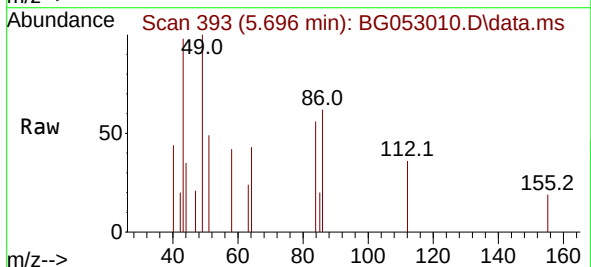
Instrument :
BNA_G
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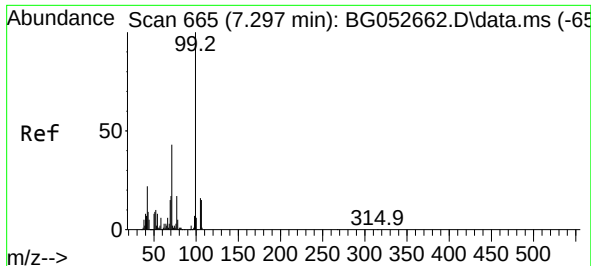
Tgt Ion:152 Resp: 36989
Ion Ratio Lower Upper
152 100
150 172.8 114.6 172.0#
115 62.3 45.9 68.9



#5
2-Fluorophenol
Concen: 0.214 ng
RT: 5.696 min Scan# 393
Delta R.T. -0.000 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

Tgt Ion:112 Resp: 455
Ion Ratio Lower Upper
112 100
64 117.1 48.0 72.0#
63 66.6 26.5 39.7#

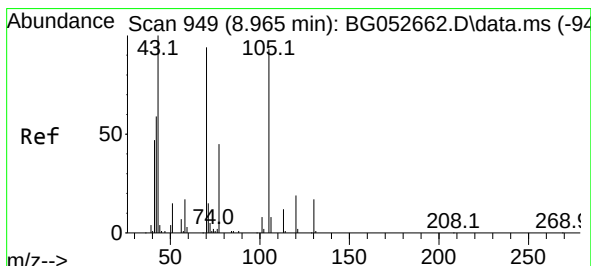
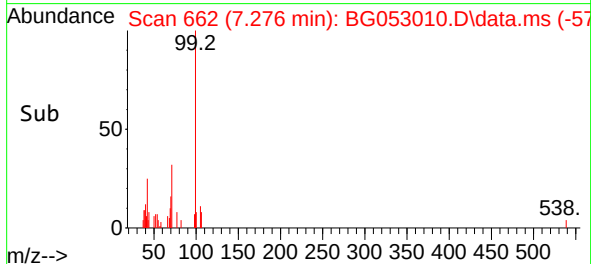
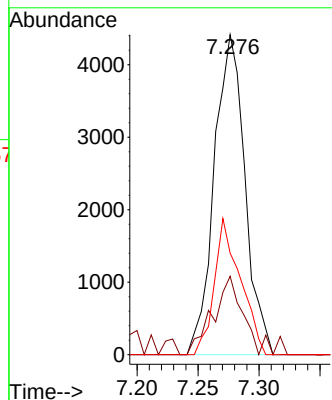
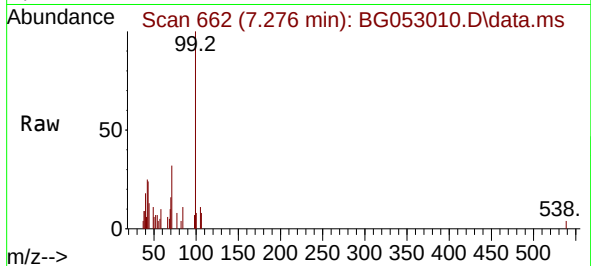




#7
Phenol-d6
Concen: 2.415 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

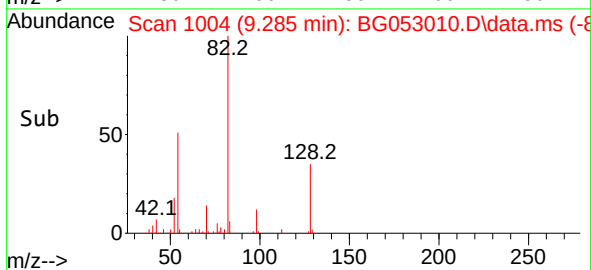
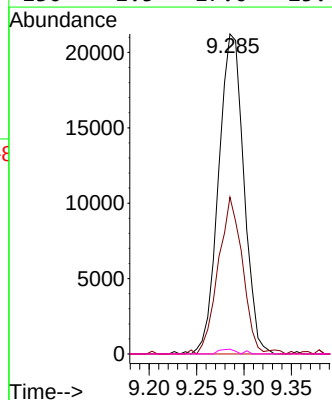
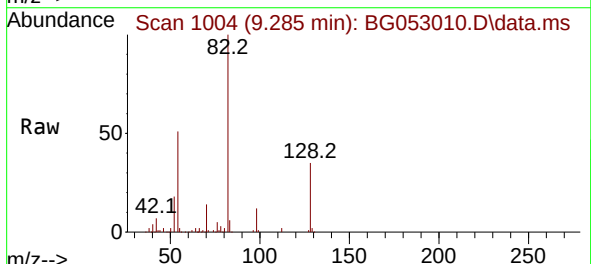
Instrument :
BNA_G
ClientSampleId :
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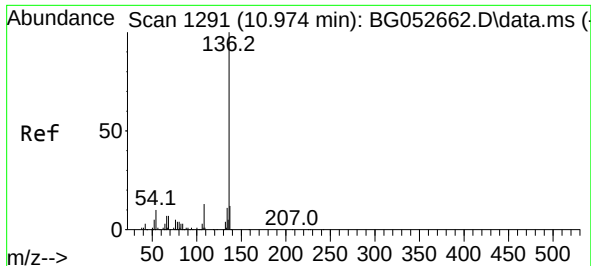
Tgt Ion: 99 Resp: 7732
Ion Ratio Lower Upper
99 100
42 24.5 14.7 22.1#
71 31.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.327 ng
RT: 9.285 min Scan# 1004
Delta R.T. 0.340 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

Tgt Ion: 70 Resp: 39295
Ion Ratio Lower Upper
70 100
42 49.0 46.0 69.0
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#

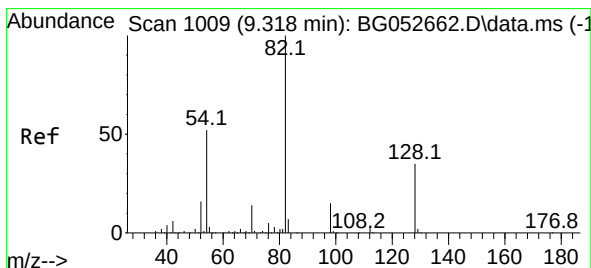
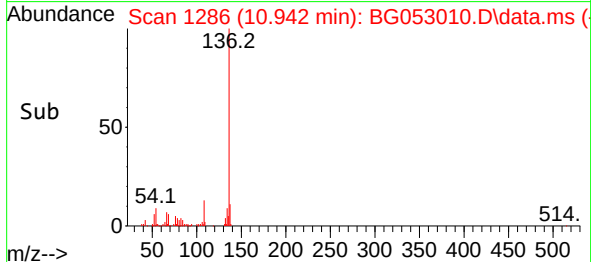
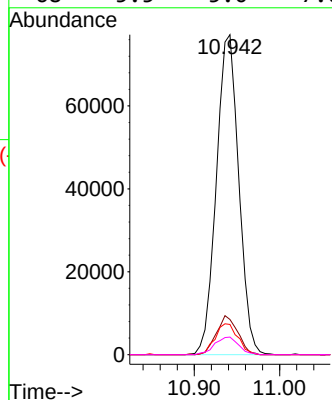
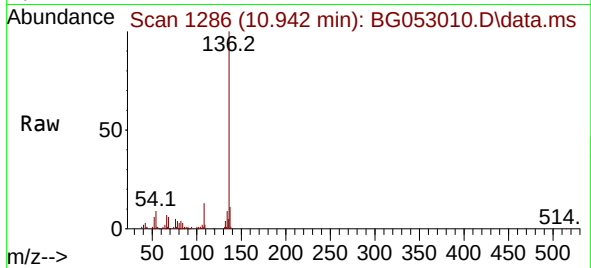




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.942 min Scan# 11
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

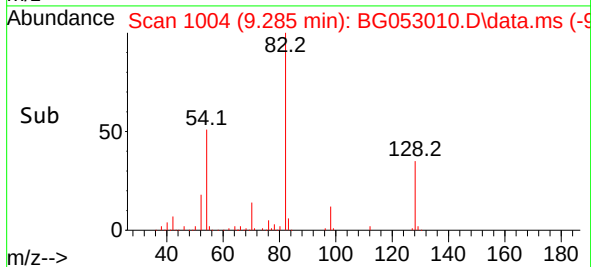
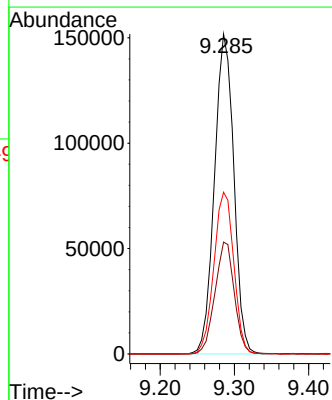
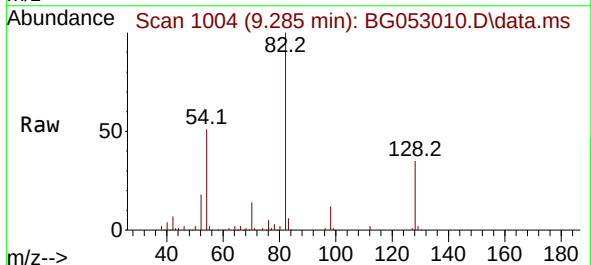
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-01

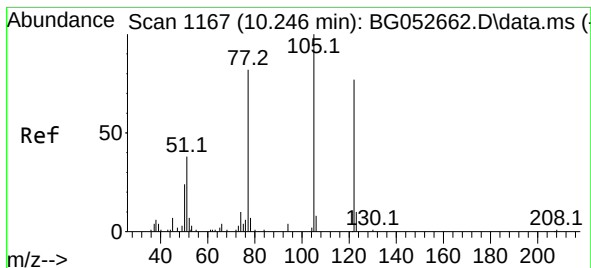
Tgt Ion:136 Resp: 140787
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 9.5 6.4 9.6
68 5.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 98.092 ng
RT: 9.285 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

Tgt Ion: 82 Resp: 275155
Ion Ratio Lower Upper
82 100
128 35.0 31.3 46.9
54 50.6 37.8 56.8

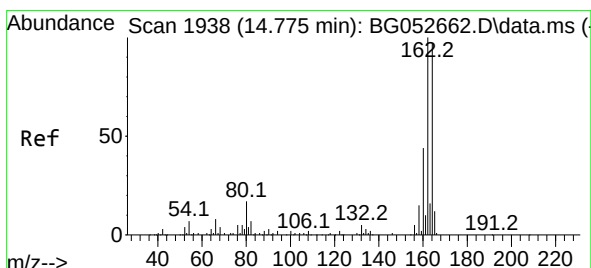
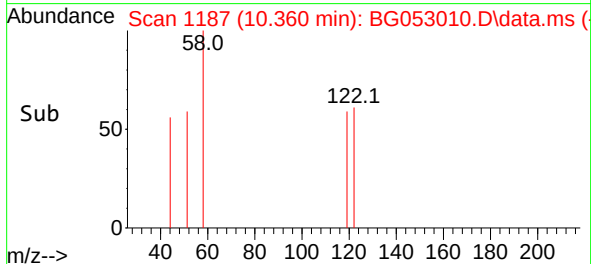
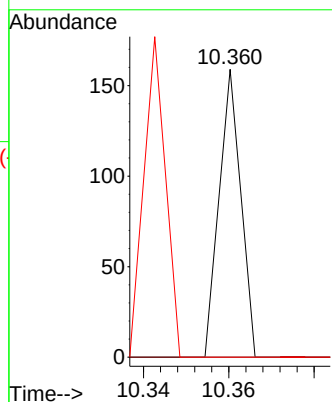
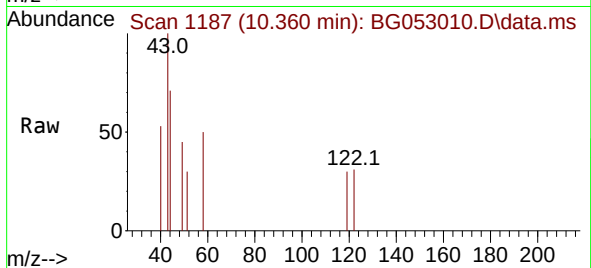




#32
Benzoic acid
Concen: 5.706 ng
RT: 10.360 min Scan# 1167
Delta R.T. 0.123 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

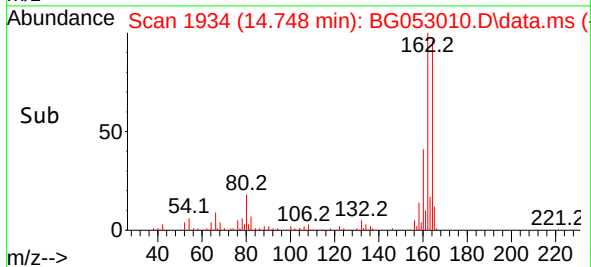
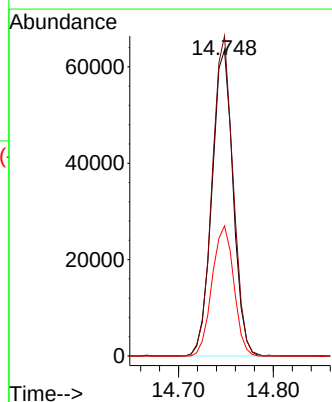
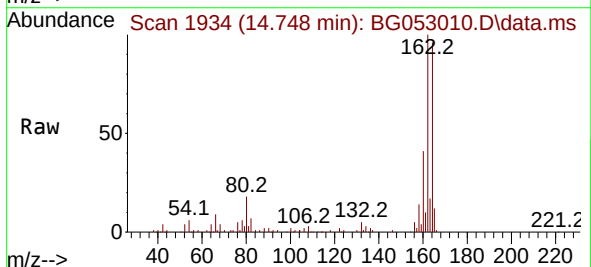
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-01

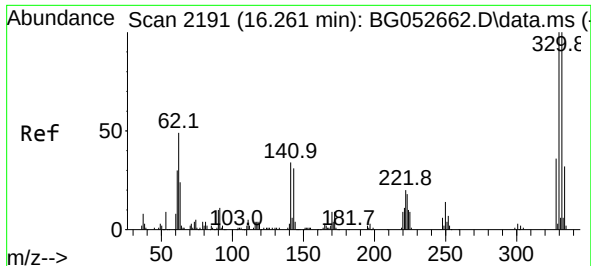
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.748 min Scan# 1934
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

Tgt Ion:164 Resp: 98252
Ion Ratio Lower Upper
164 100
162 104.6 80.0 120.0
160 42.5 38.8 58.2

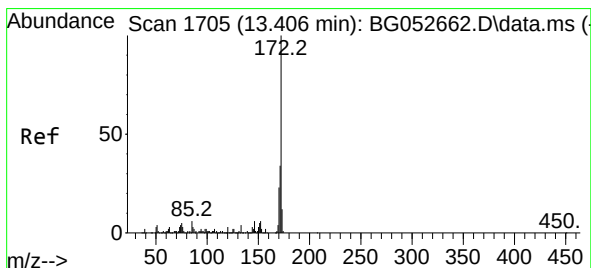
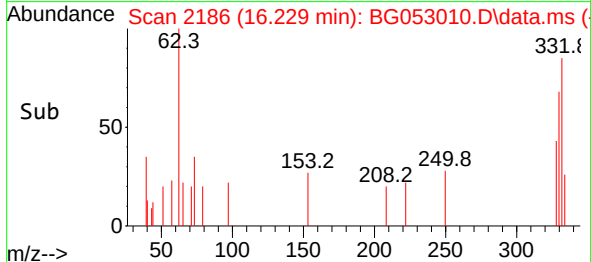
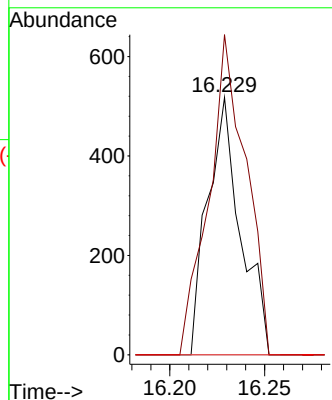
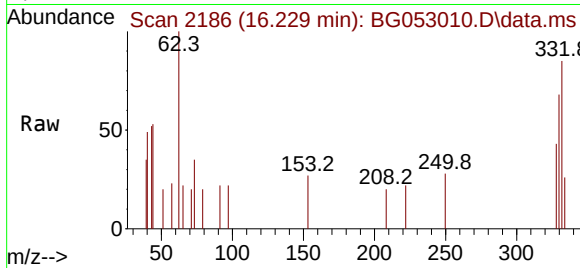




#42
2,4,6-Tribromophenol
Concen: 0.476 ng
RT: 16.229 min Scan# 2191
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

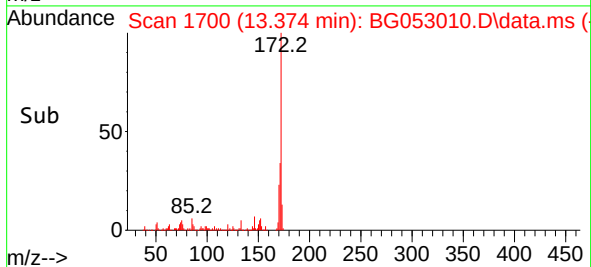
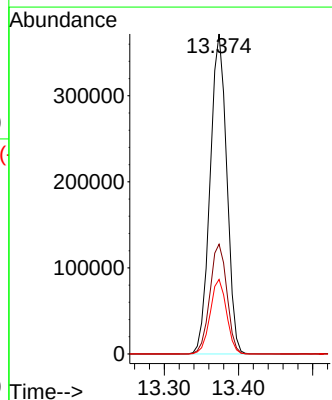
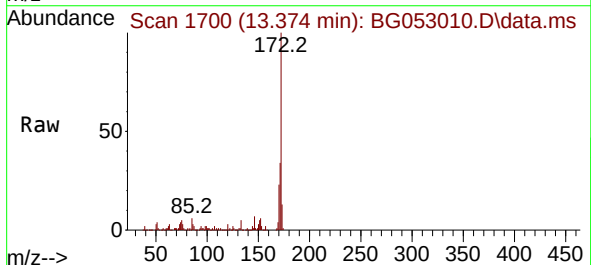
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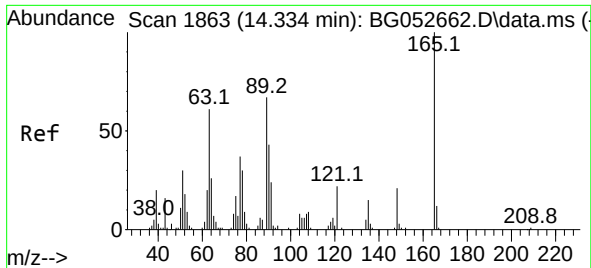
Tgt Ion:330 Resp: 628
Ion Ratio Lower Upper
330 100
332 139.6 75.8 113.6#
141 0.0 24.6 36.8#



#45
2-Fluorobiphenyl
Concen: 86.818 ng
RT: 13.374 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

Tgt Ion:172 Resp: 578367
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.3 18.0 27.0

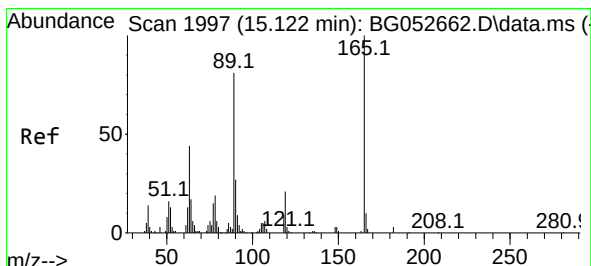
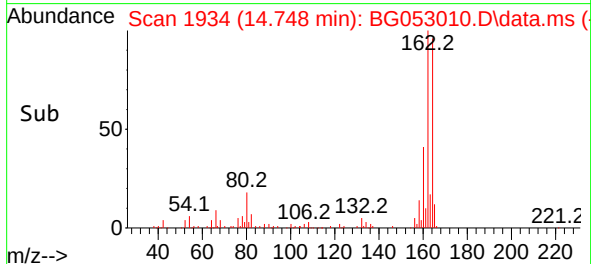
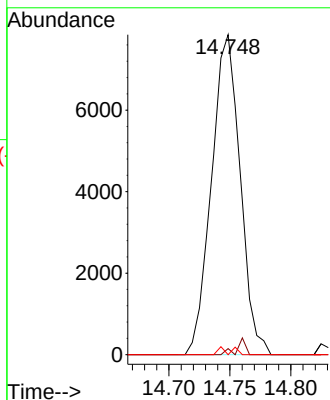
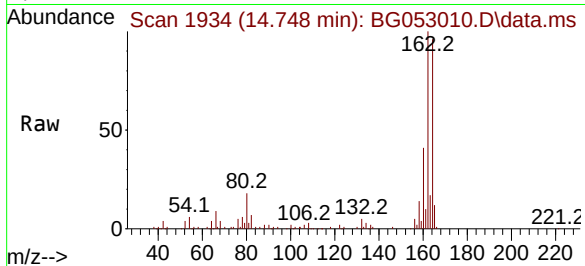




#51
2,6-Dinitrotoluene
Concen: 10.417 ng
RT: 14.748 min Scan# 1934
Delta R.T. 0.422 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

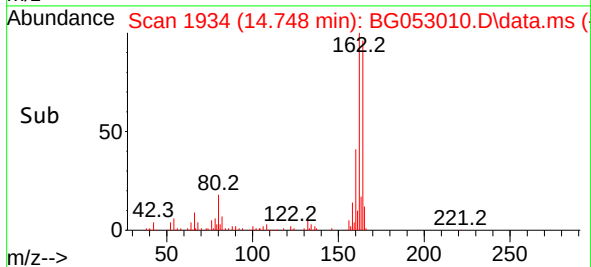
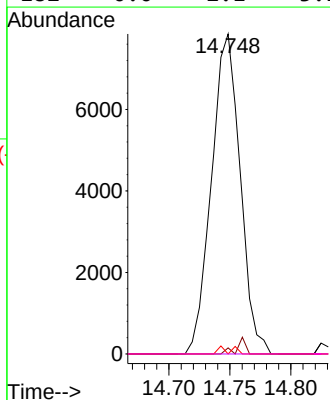
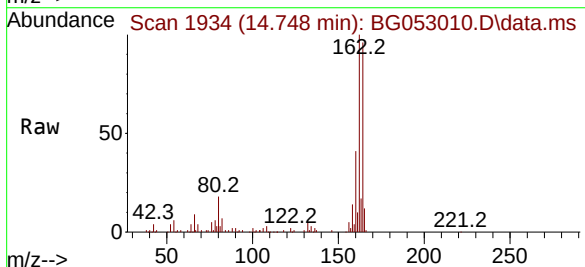
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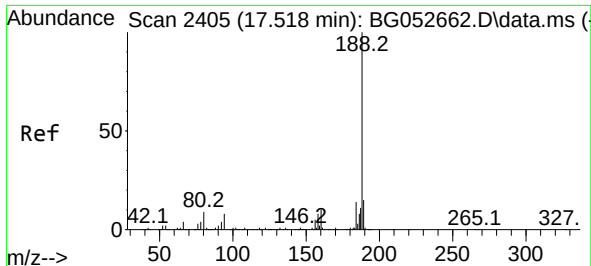
Tgt Ion:165 Resp: 12843
Ion Ratio Lower Upper
165 100
63 1.9 43.7 65.5#
89 0.0 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.508 ng
RT: 14.748 min Scan# 1934
Delta R.T. -0.365 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

Tgt Ion:165 Resp: 12843
Ion Ratio Lower Upper
165 100
63 1.9 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#

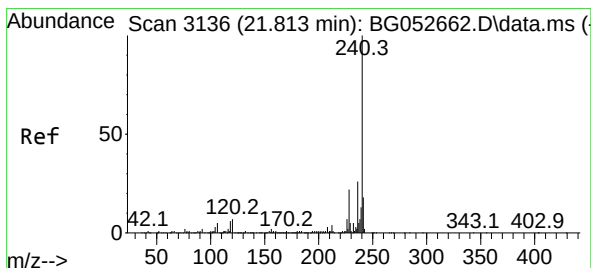
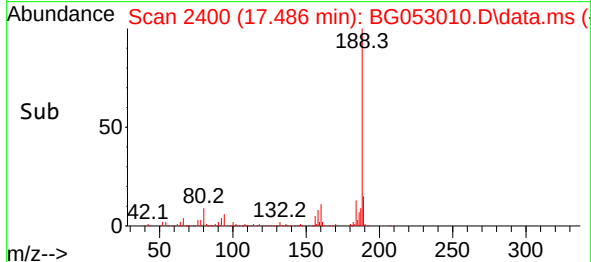
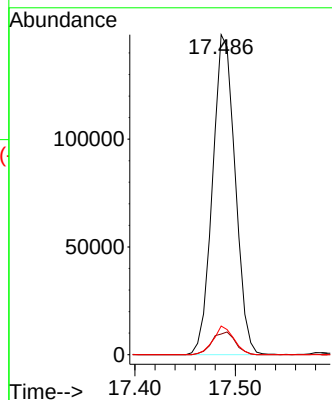
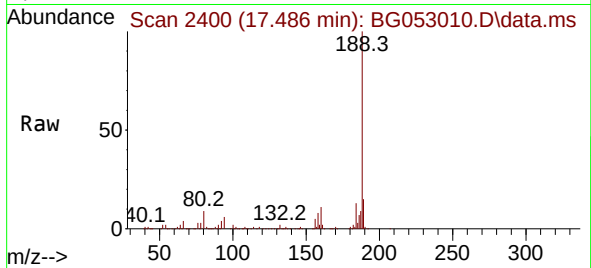




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2405
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

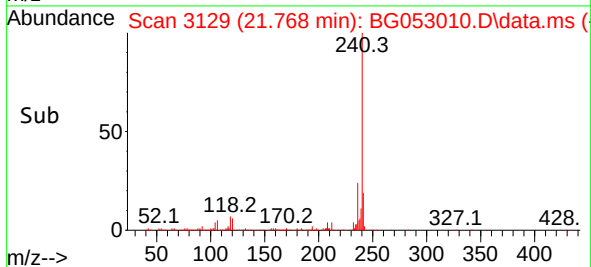
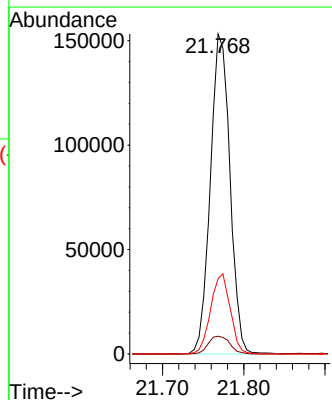
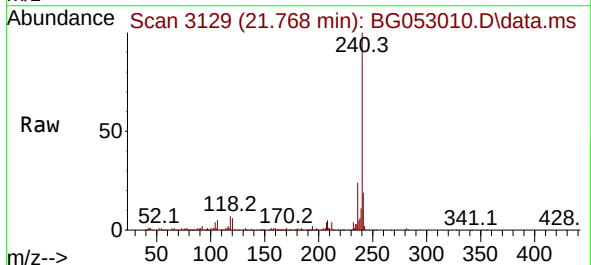
Instrument :
BNA_G
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SPLP-LEACHATE-AMENDED-096-21-01

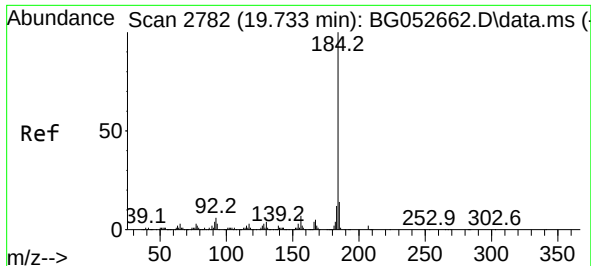
Tgt Ion:188 Resp: 231903
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 9.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.768 min Scan# 3129
Delta R.T. -0.030 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

Tgt Ion:240 Resp: 256686
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 23.6 19.8 29.6

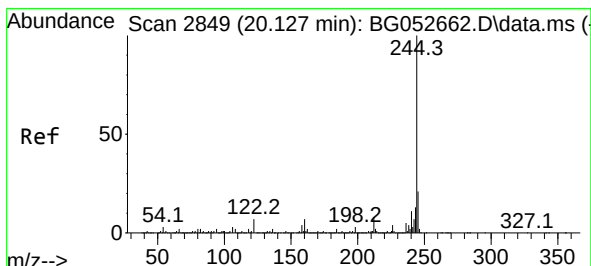
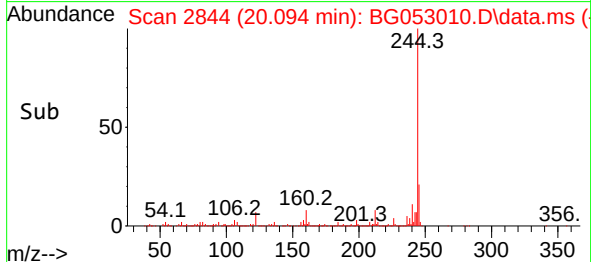
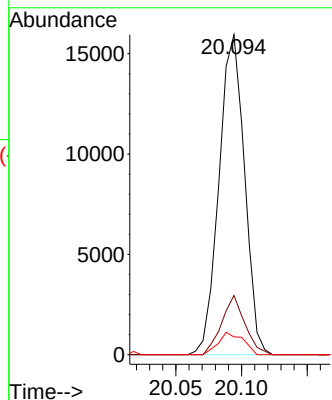
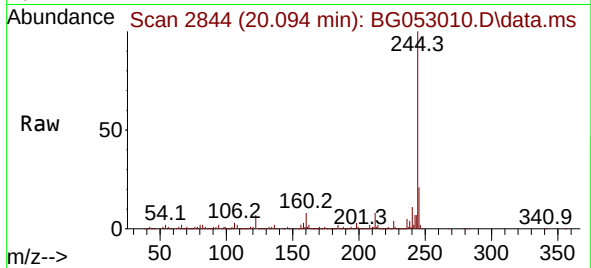




#77
Benzidine
Concen: 3.253 ng
RT: 20.094 min Scan# 21
Delta R.T. 0.370 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

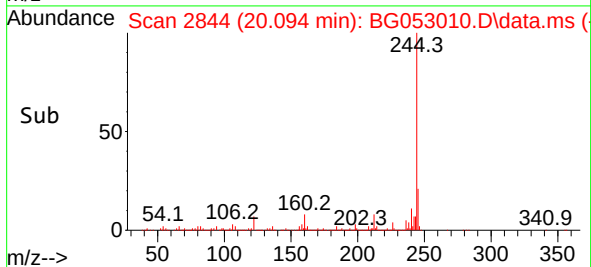
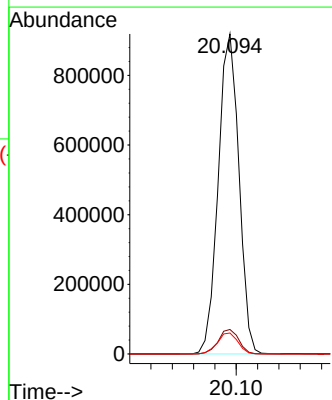
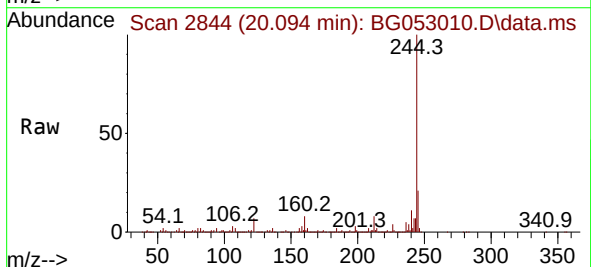
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-01

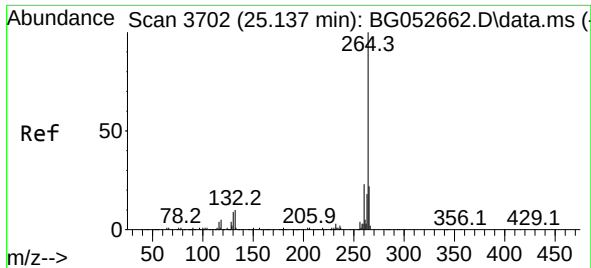
Tgt Ion:184 Resp: 21538
Ion Ratio Lower Upper
184 100
185 18.5 11.5 17.3#
183 5.6 9.4 14.2#



#79
Terphenyl-d14
Concen: 85.678 ng
RT: 20.094 min Scan# 2844
Delta R.T. -0.018 min
Lab File: BG053010.D
Acq: 4 Apr 2022 16:29

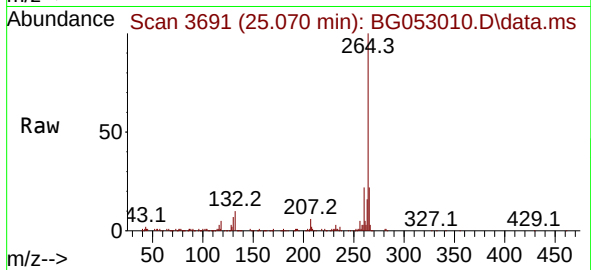
Tgt Ion:244 Resp: 1236319
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.070 min Scan# 30
 Delta R.T. -0.042 min
 Lab File: BG053010.D
 Acq: 4 Apr 2022 16:29

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-096-21-01



Tgt Ion:264 Resp: 260686
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 21.6 15.1 22.7

