

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
 Data File : BG049837.D
 Acq On : 13 Aug 2021 16:35
 Operator : CG/JU
 Sample : M3316-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GROUND-WATER

Quant Time: Aug 13 18:47:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

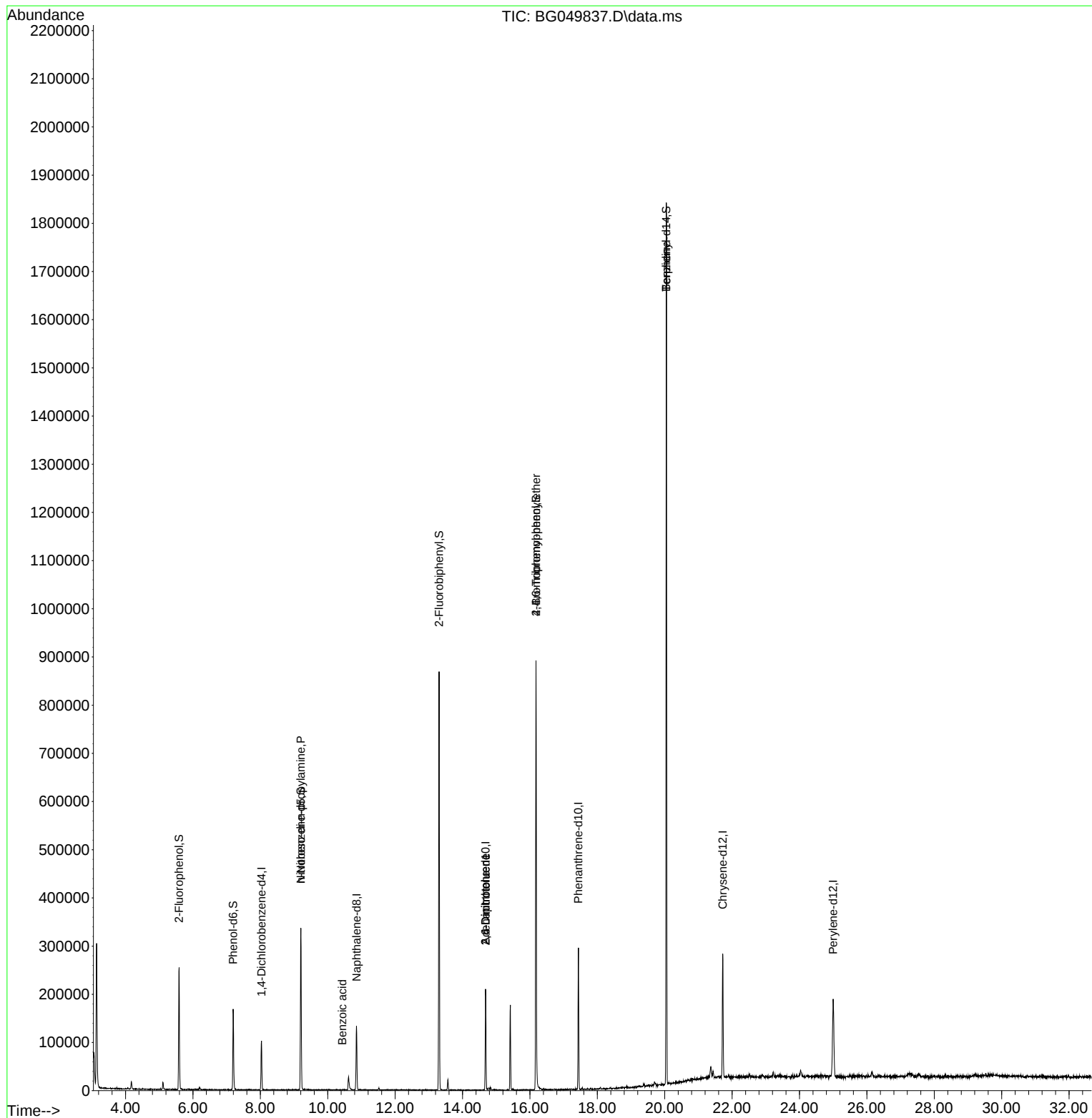
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	27137	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	108373	20.000	ng	#-0.01
39) Acenaphthene-d10	14.684	164	73557	20.000	ng	-0.01
64) Phenanthrene-d10	17.439	188	179937	20.000	ng	# 0.00
76) Chrysene-d12	21.722	240	162158	20.000	ng	0.00
86) Perylene-d12	25.000	264	164007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.591	112	104795	69.225	ng	0.00
7) Phenol-d6	7.194	99	91332	39.856	ng	0.00
23) Nitrobenzene-d5	9.203	82	205310	83.833	ng	-0.01
42) 2,4,6-Tribromophenol	16.182	330	182056	168.385	ng	0.00
45) 2-Fluorobiphenyl	13.304	172	438167	86.677	ng	-0.01
79) Terphenyl-d14	20.048	244	844966	94.638	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.203	70	31478	20.527	ng	# 76
32) Benzoic acid	10.431	122	151	5.078	ng	# 1
51) 2,6-Dinitrotoluene	14.684	165	9930	8.127	ng	# 13
57) 2,4-Dinitrotoluene	14.684	165	9930	5.786	ng	# 18
67) 4-Bromophenyl-phenylether	16.182	248	11030	5.205	ng	# 1
77) Benzidine	20.048	184	17822	4.289	ng	# 91

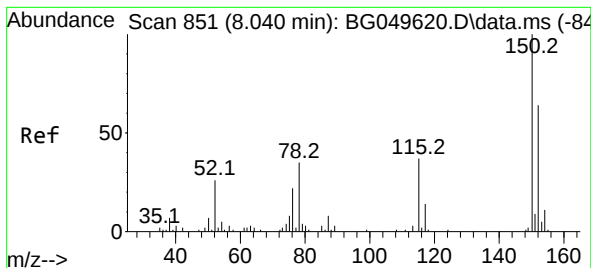
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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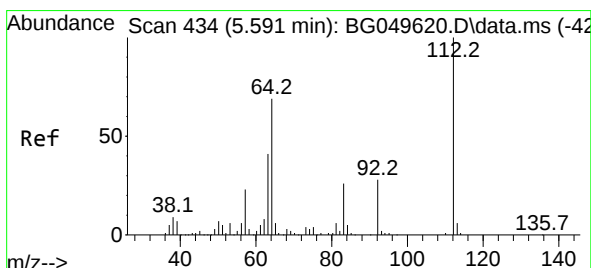
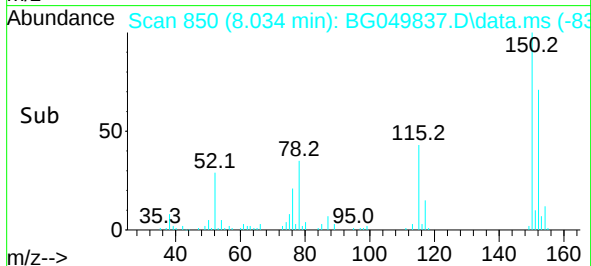
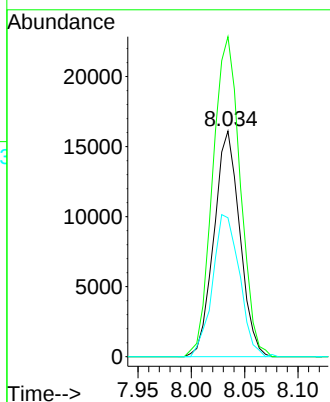
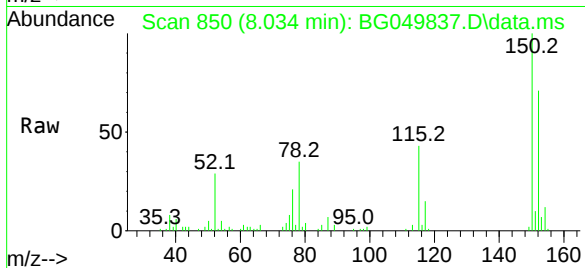




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 850
Delta R.T. -0.006 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

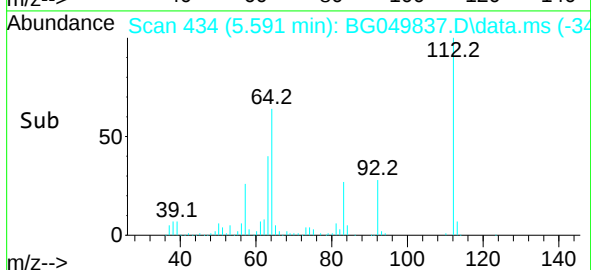
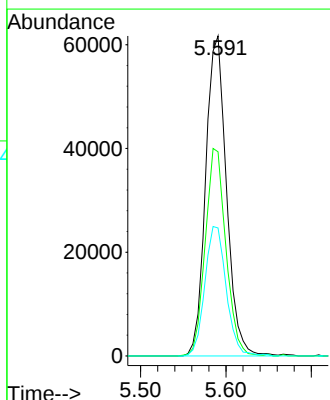
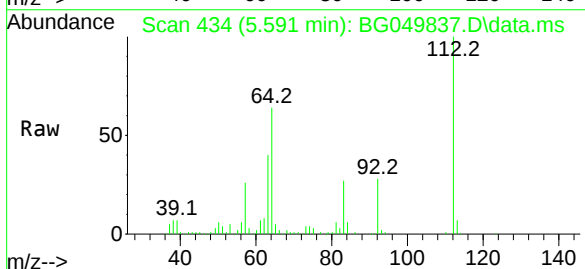
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

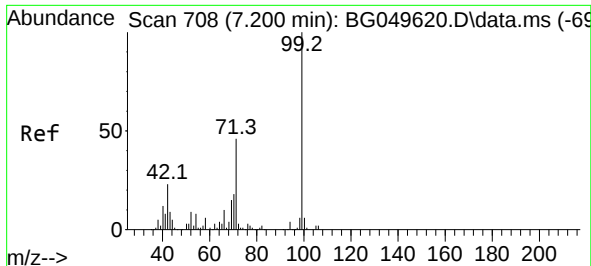
Tgt Ion:152 Resp: 27137
Ion Ratio Lower Upper
152 100
150 141.8 119.4 179.0
115 61.6 60.2 90.4



#5
2-Fluorophenol
Concen: 69.225 ng
RT: 5.591 min Scan# 434
Delta R.T. 0.000 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion:112 Resp: 104795
Ion Ratio Lower Upper
112 100
64 63.8 46.7 70.1
63 40.0 35.3 52.9

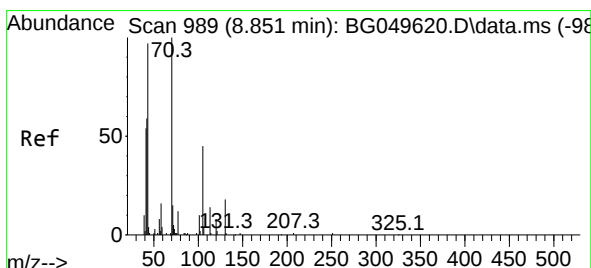
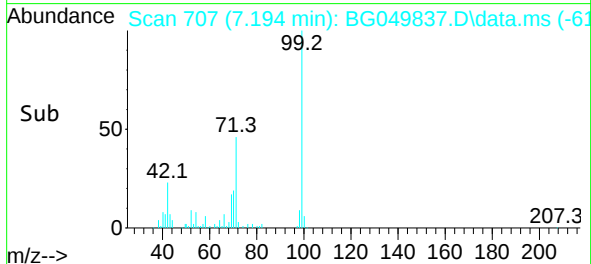
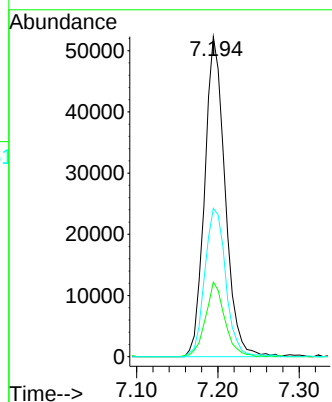
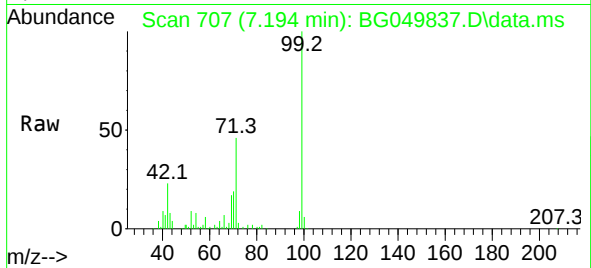




#7
Phenol-d6
Concen: 39.856 ng
RT: 7.194 min Scan# 707
Delta R.T. -0.006 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

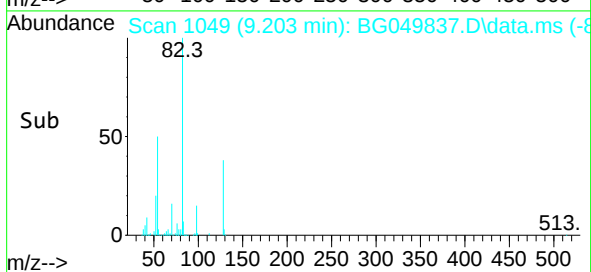
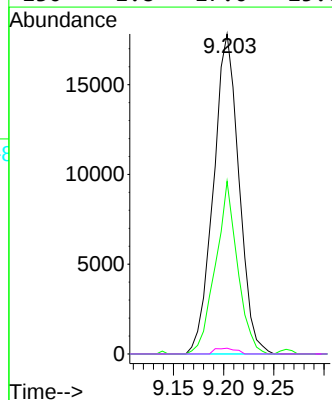
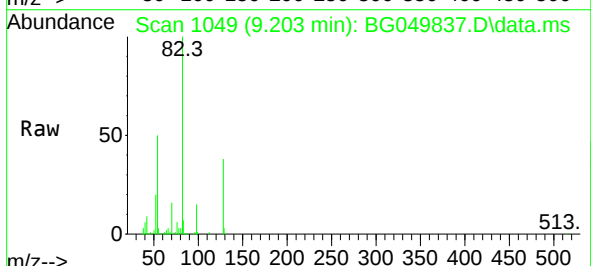
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

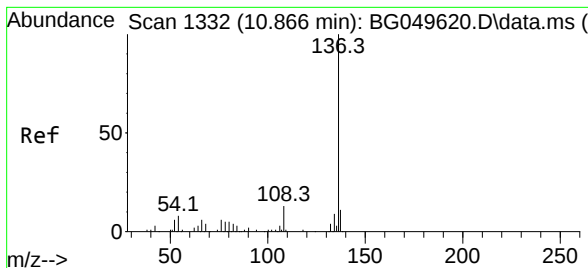
Tgt Ion:	99	Resp:	91332
Ion	Ratio	Lower	Upper
99	100		
42	23.3	20.5	30.7
71	46.4	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.527 ng
RT: 9.203 min Scan# 1049
Delta R.T. 0.352 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion:	70	Resp:	31478
Ion	Ratio	Lower	Upper
70	100		
42	53.9	54.5	81.7#
101	0.0	9.0	13.6#
130	1.8	17.0	25.6#

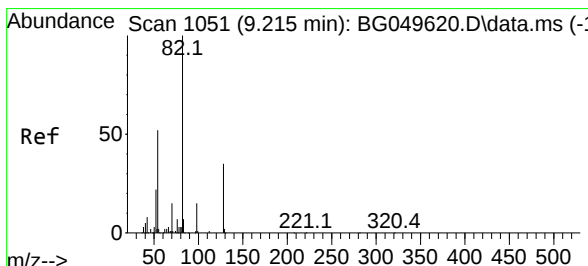
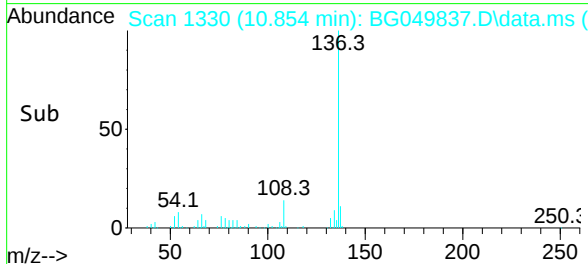
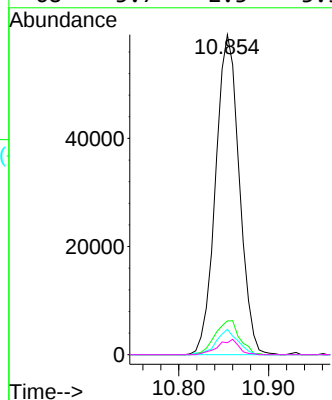
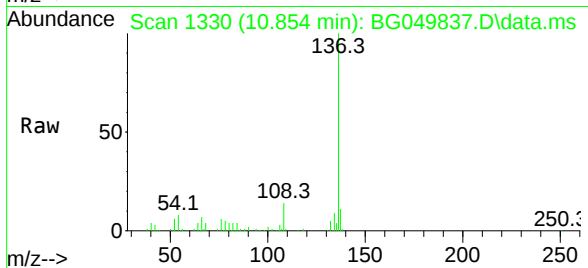




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.854 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

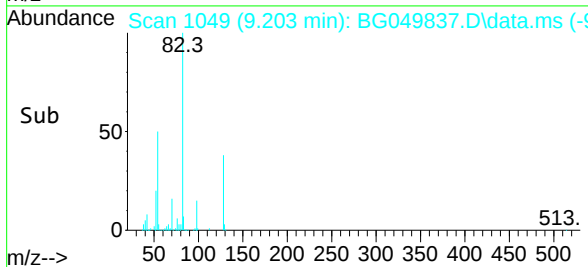
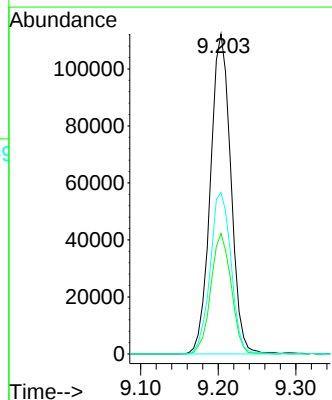
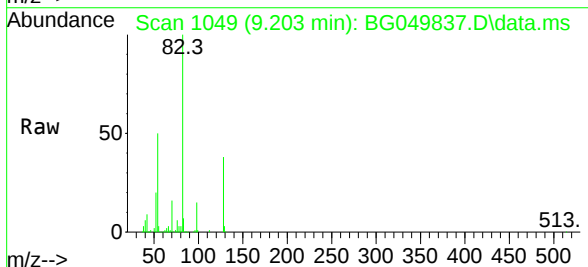
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

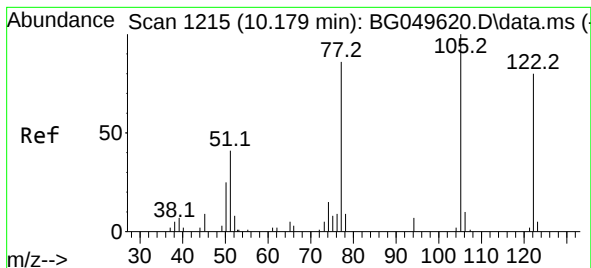
Tgt Ion:136	Resp:	108373
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.2 12.2
54	7.9	5.5 8.3
68	3.7	2.3 3.5#



#23
Nitrobenzene-d5
Concen: 83.833 ng
RT: 9.203 min Scan# 1049
Delta R.T. -0.012 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion: 82	Resp:	205310
Ion	Ratio	Lower Upper
82	100	
128	37.6	29.8 44.6
54	50.5	45.8 68.8

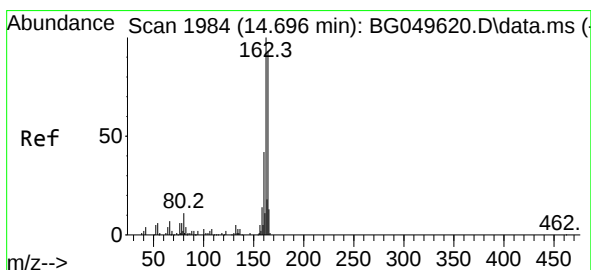
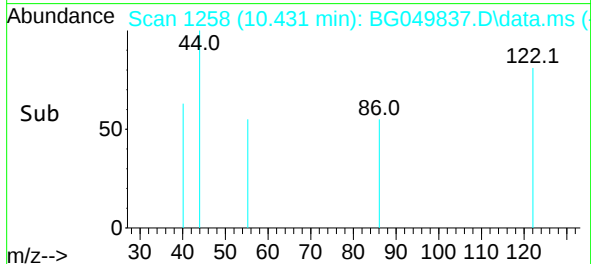
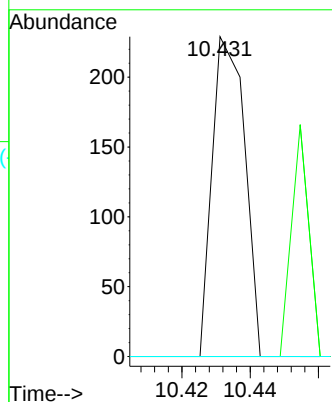
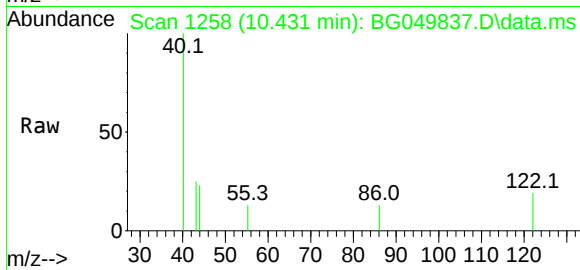




#32
Benzoic acid
Concen: 5.078 ng
RT: 10.431 min Scan# 1258
Delta R.T. 0.252 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

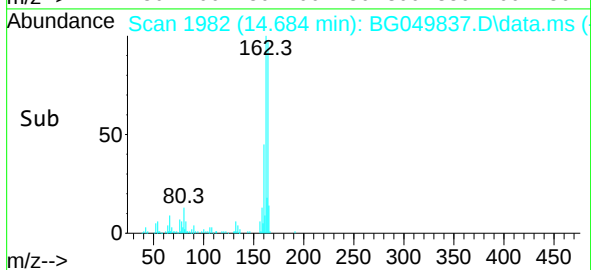
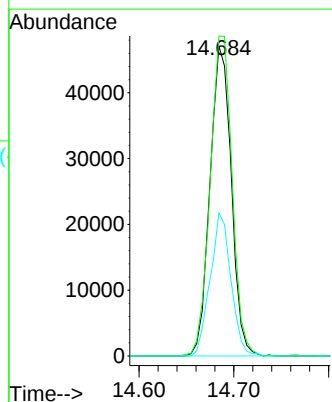
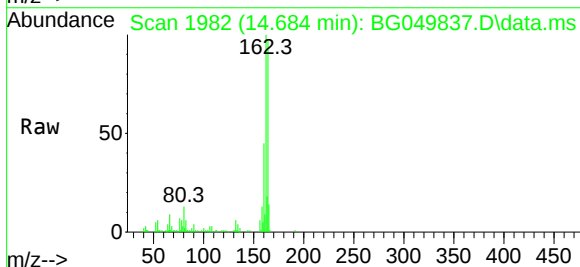
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

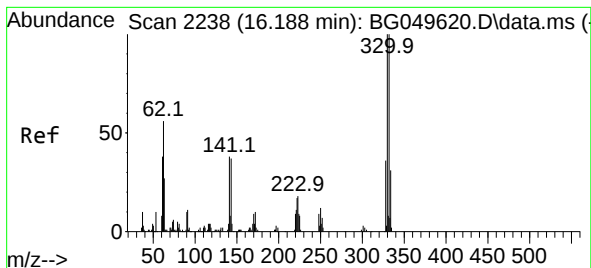
Tgt Ion:122 Resp: 151
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.684 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion:164 Resp: 73557
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 46.1 34.9 52.3

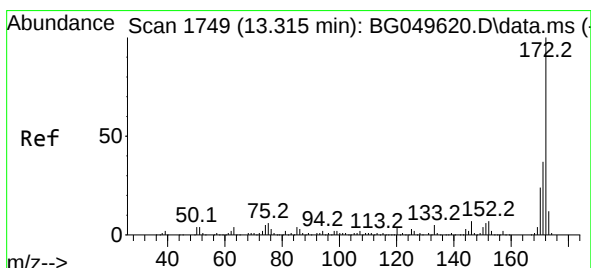
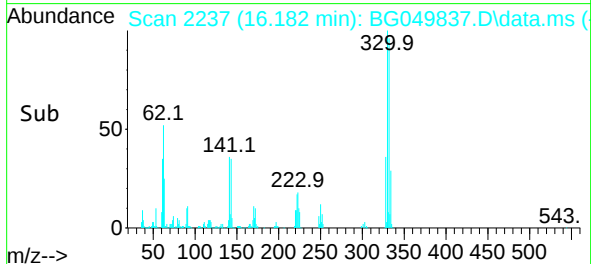
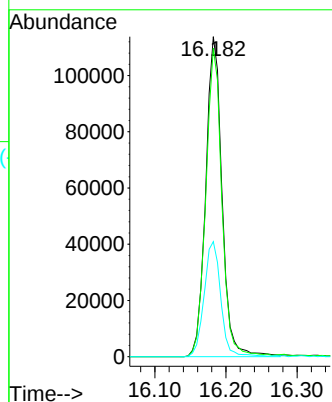
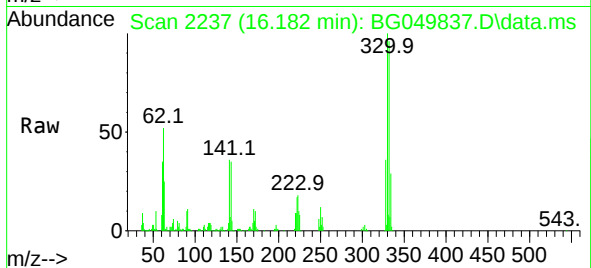




#42
2,4,6-Tribromophenol
Concen: 168.385 ng
RT: 16.182 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

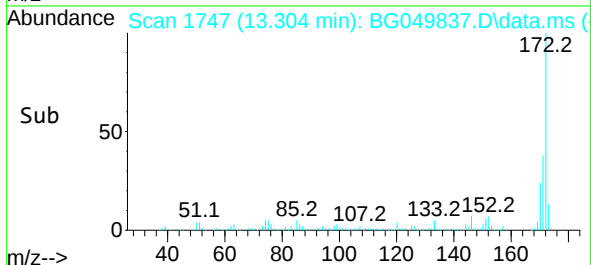
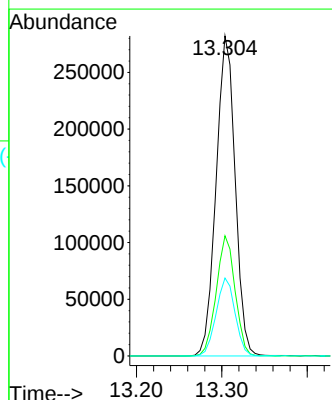
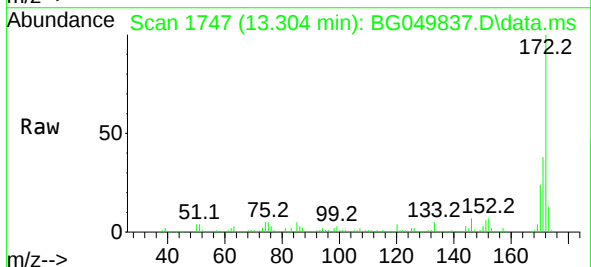
Instrument :
BNA_G
ClientSampleId :
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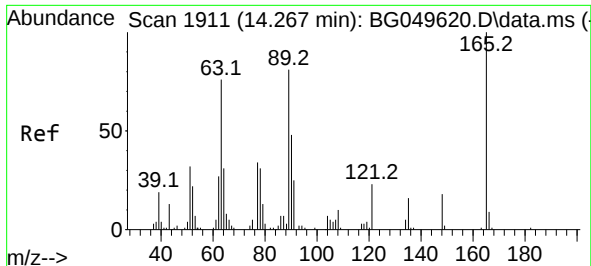
Tgt Ion:330 Resp: 182056
Ion Ratio Lower Upper
330 100
332 94.8 77.3 115.9
141 36.5 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 86.677 ng
RT: 13.304 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion:172 Resp: 438167
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 24.4 18.6 27.8

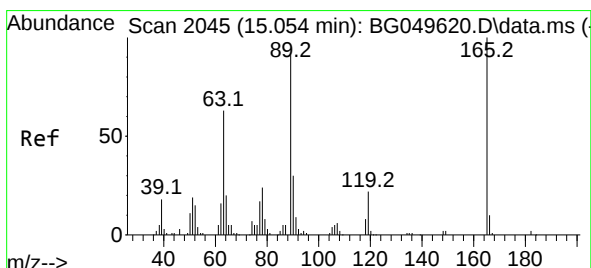
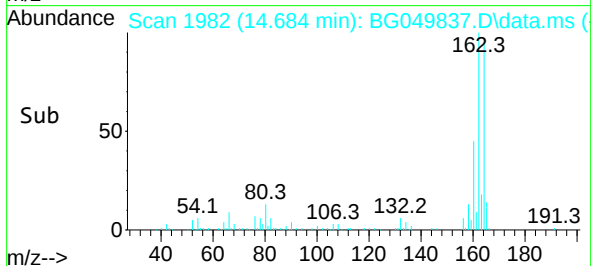
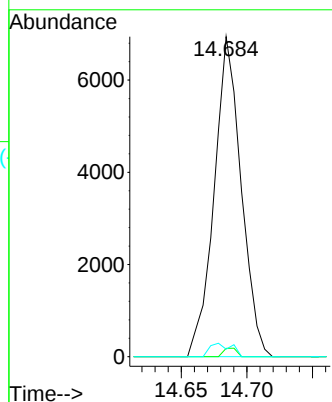
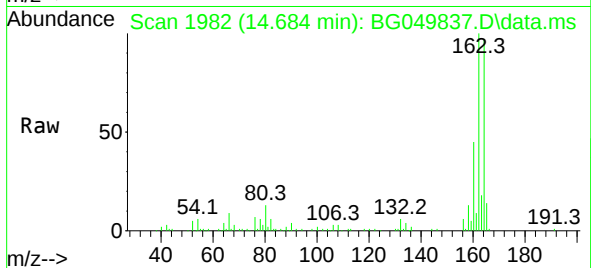




#51
2,6-Dinitrotoluene
Concen: 8.127 ng
RT: 14.684 min Scan# 1982
Delta R.T. 0.417 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

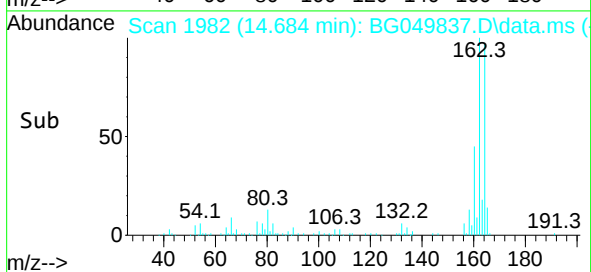
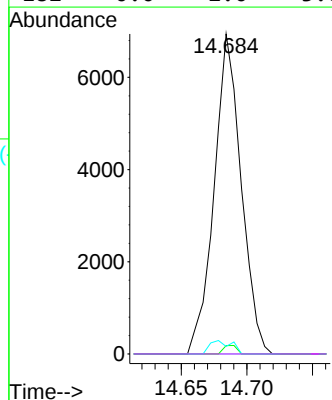
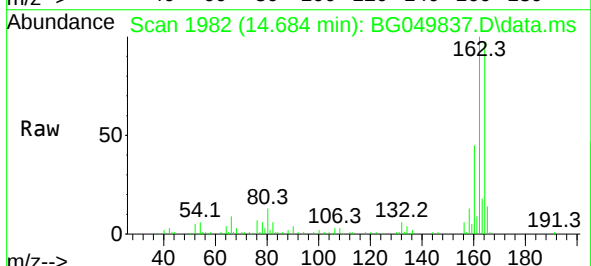
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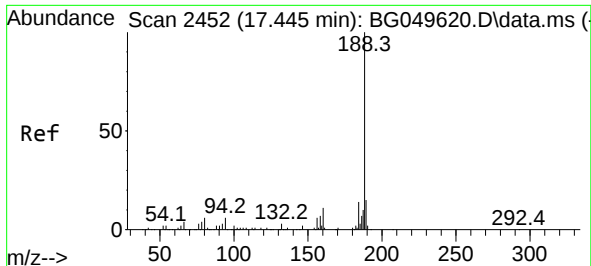
Tgt Ion:165 Resp: 9930
Ion Ratio Lower Upper
165 100
63 2.6 63.3 94.9#
89 2.4 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.786 ng
RT: 14.684 min Scan# 1982
Delta R.T. -0.370 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion:165 Resp: 9930
Ion Ratio Lower Upper
165 100
63 2.6 48.0 72.0#
89 2.4 65.4 98.0#
182 0.0 2.0 3.0#

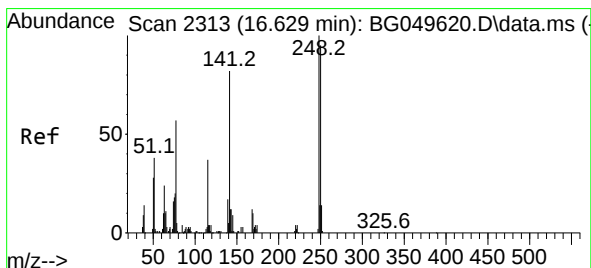
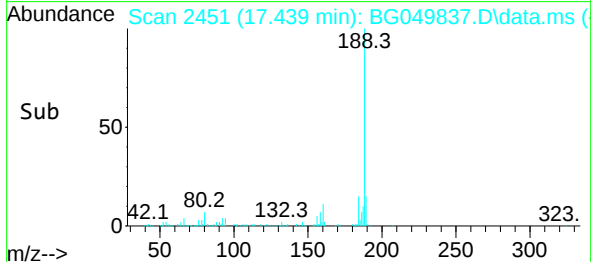
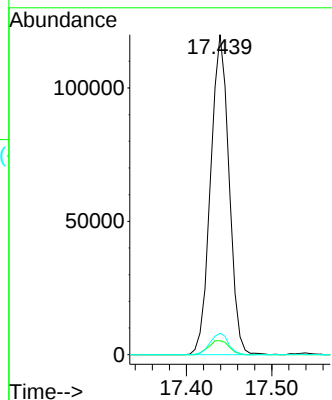
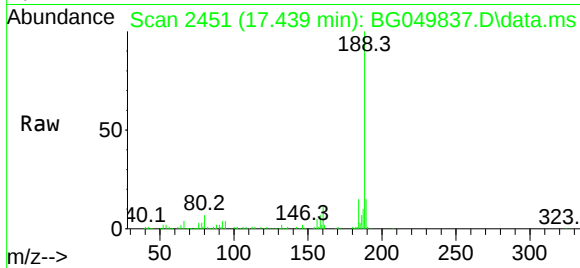




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

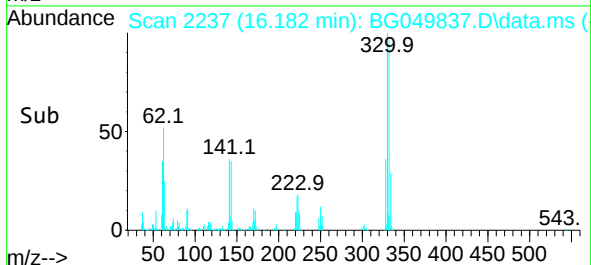
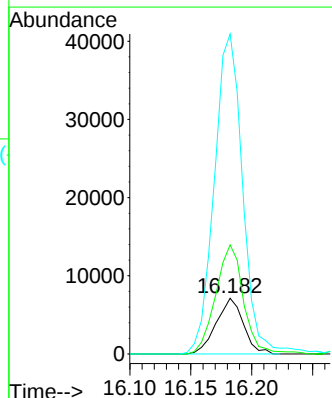
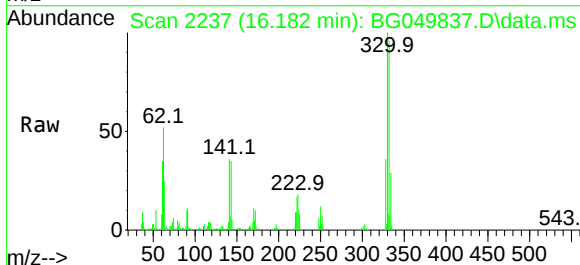
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

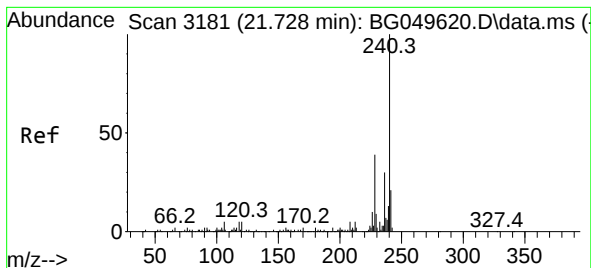
Tgt Ion:188 Resp: 179937
Ion Ratio Lower Upper
188 100
94 4.4 5.4 8.0#
80 6.7 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.205 ng
RT: 16.182 min Scan# 2237
Delta R.T. -0.446 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion:248 Resp: 11030
Ion Ratio Lower Upper
248 100
250 196.3 76.1 114.1#
141 575.2 65.4 98.2#

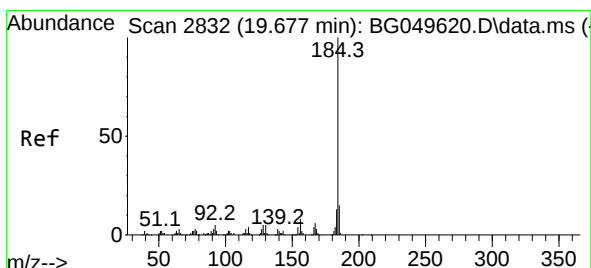
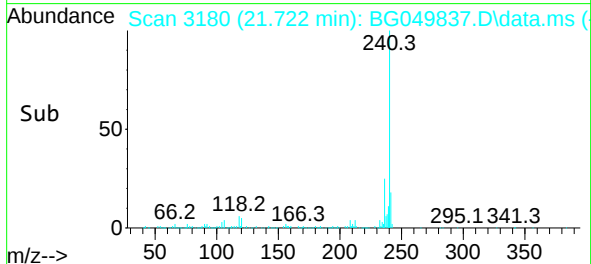
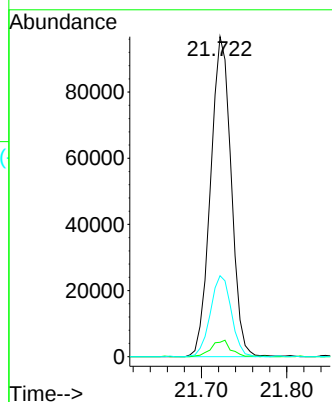
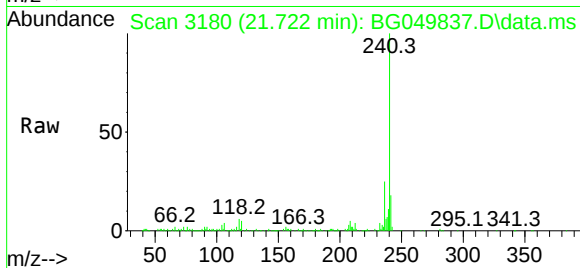




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

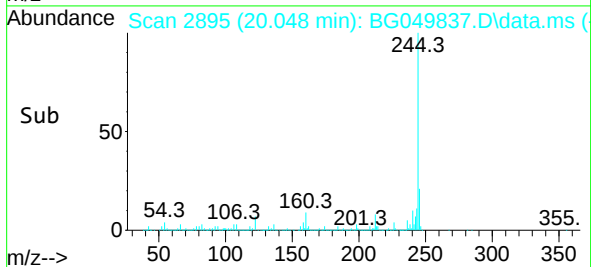
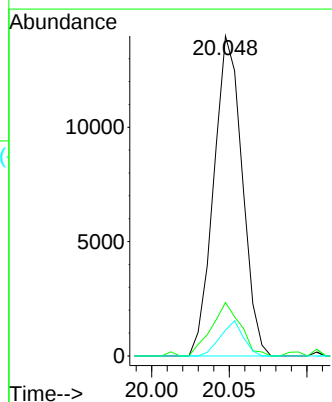
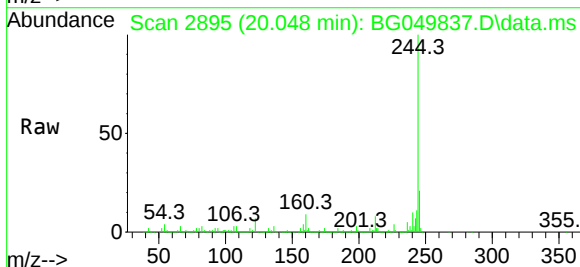
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

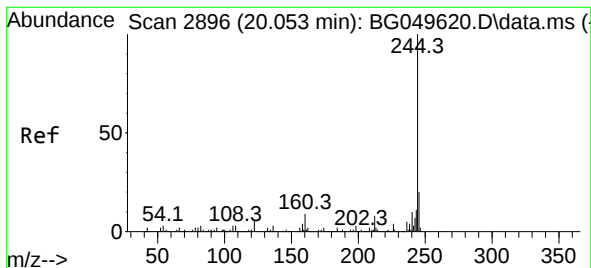
Tgt Ion:240	Resp:	162158
Ion Ratio	Lower	Upper
240	100	
120	4.5	4.2 6.2
236	25.3	21.8 32.6



#77
Benzidine
Concen: 4.289 ng
RT: 20.048 min Scan# 2895
Delta R.T. 0.370 min
Lab File: BG049837.D
Acq: 13 Aug 2021 16:35

Tgt Ion:184	Resp:	17822
Ion Ratio	Lower	Upper
184	100	
185	16.7	10.7 16.1#
183	8.1	9.4 14.0#





#79

Terphenyl-d14

Concen: 94.638 ng

RT: 20.048 min Scan# 2895

Delta R.T. -0.006 min

Lab File: BG049837.D

Acq: 13 Aug 2021 16:35

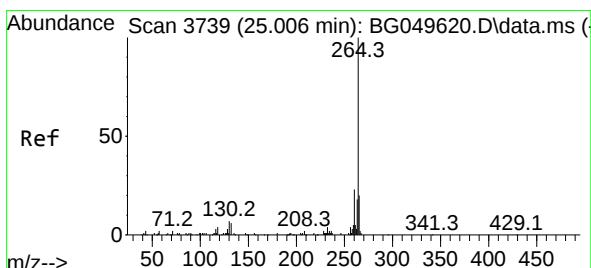
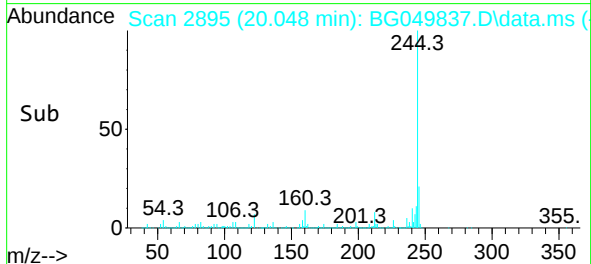
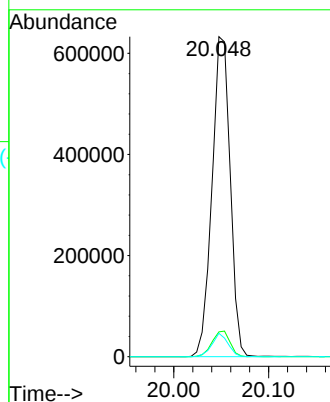
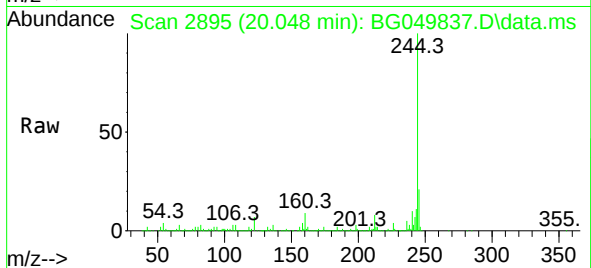
Tgt Ion:244 Resp: 844966

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

122 7.3 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.000 min Scan# 3738

Delta R.T. -0.006 min

Lab File: BG049837.D

Acq: 13 Aug 2021 16:35

Tgt Ion:264 Resp: 164007

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.2

265 22.1 16.9 25.3

