

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049847.D
 Acq On : 16 Aug 2021 12:32
 Operator : CG/JU
 Sample : M3408-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 34N

Quant Time: Aug 16 13:58:14 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)

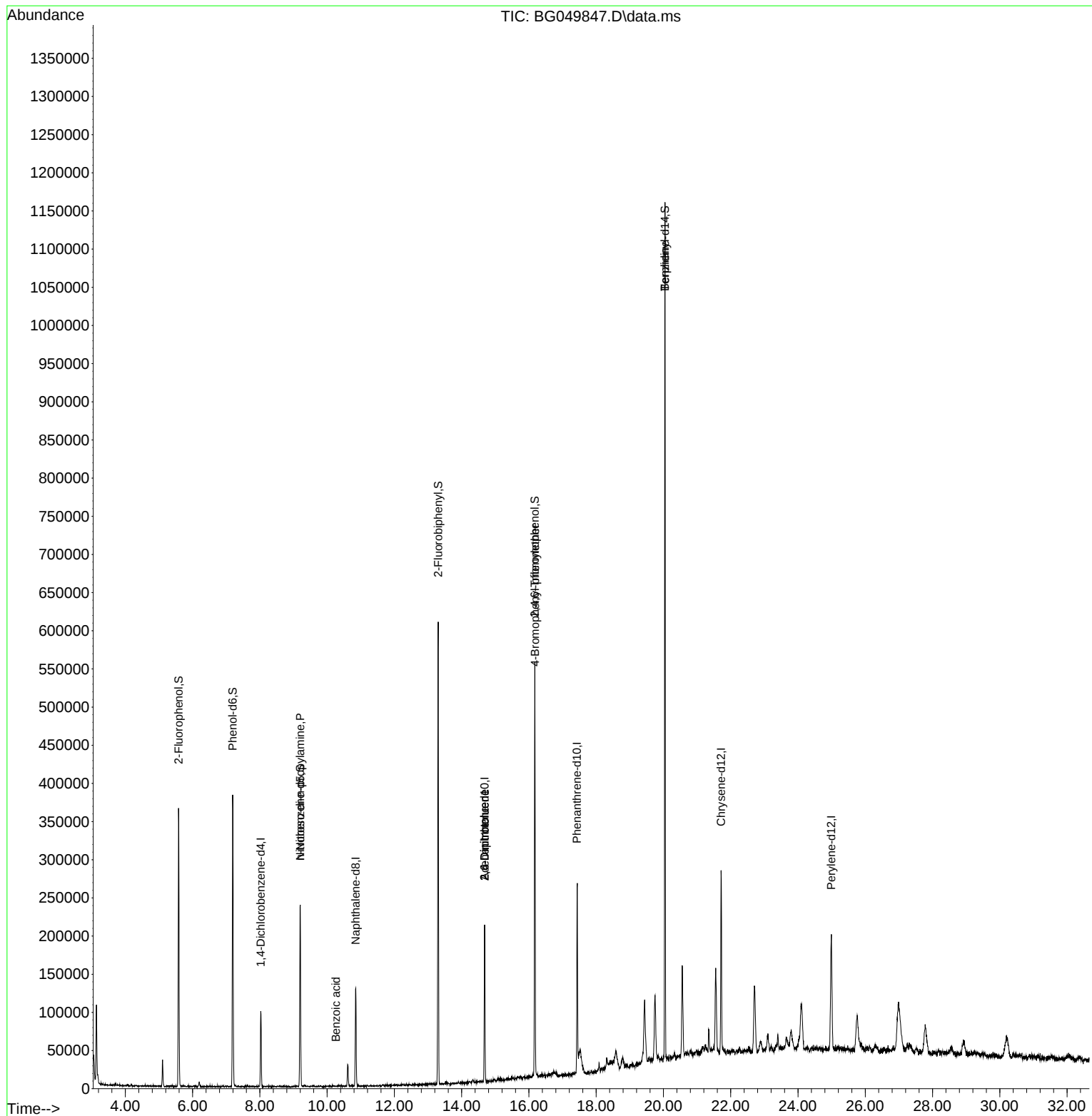
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	27916	20.000	ng	#-0.01
21) Naphthalene-d8	10.846	136	107139	20.000	ng	-0.02
39) Acenaphthene-d10	14.682	164	69974	20.000	ng	-0.01
64) Phenanthrene-d10	17.431	188	153002	20.000	ng	#-0.01
76) Chrysene-d12	21.714	240	144752	20.000	ng	-0.01
86) Perylene-d12	24.992	264	159634	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.583	112	151072	97.010	ng	0.00
7) Phenol-d6	7.192	99	205277	87.081	ng	0.00
23) Nitrobenzene-d5	9.201	82	152118	62.829	ng	-0.01
42) 2,4,6-Tribromophenol	16.174	330	104193	101.303	ng	-0.01
45) 2-Fluorobiphenyl	13.302	172	310625	64.593	ng	-0.01
79) Terphenyl-d14	20.045	244	497078	62.368	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.201	70	22756	14.425	ng	# 70
32) Benzoic acid	10.259	122	72	5.010	ng	# 37
51) 2,6-Dinitrotoluene	14.682	165	8440	7.261	ng	# 14
57) 2,4-Dinitrotoluene	14.682	165	8440	5.170	ng	# 20
67) 4-Bromophenyl-phenylether	16.180	248	6557	3.639	ng	# 1
77) Benzidine	20.045	184	10363	2.794	ng	# 83

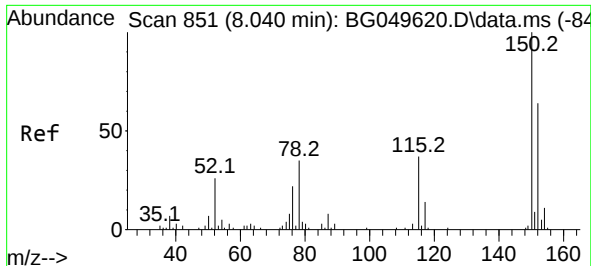
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

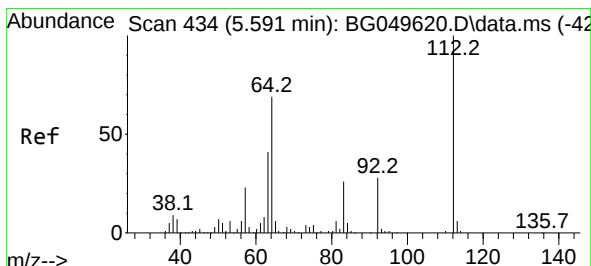
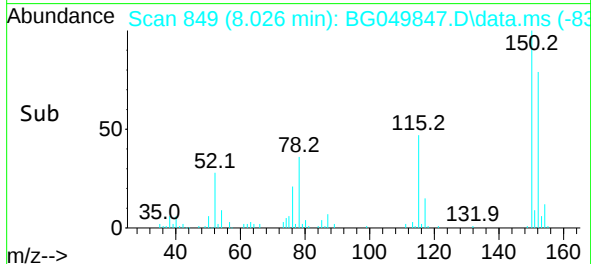
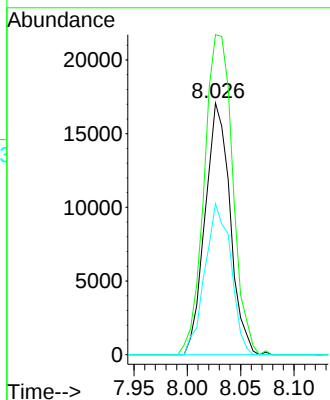
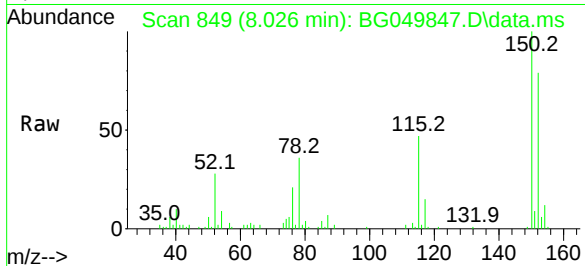




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.026 min Scan# 849
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

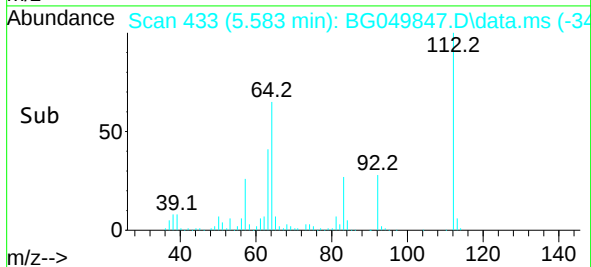
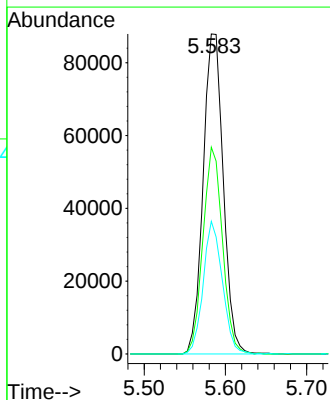
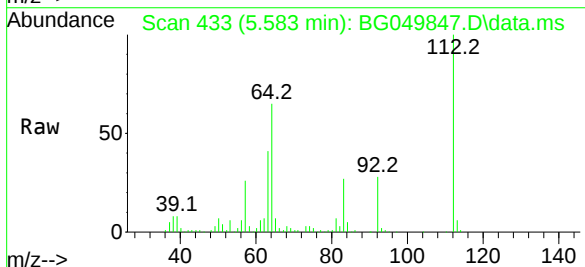
Instrument :
BNA_G
ClientSampleId :
34N

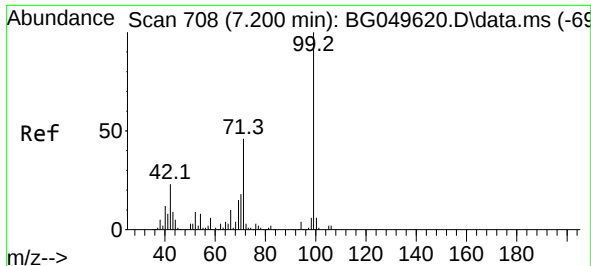
Tgt Ion:152 Resp: 27916
Ion Ratio Lower Upper
152 100
150 127.2 119.4 179.0
115 60.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 97.010 ng
RT: 5.583 min Scan# 433
Delta R.T. -0.008 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Tgt Ion:112 Resp: 151072
Ion Ratio Lower Upper
112 100
64 64.6 46.7 70.1
63 41.5 35.3 52.9

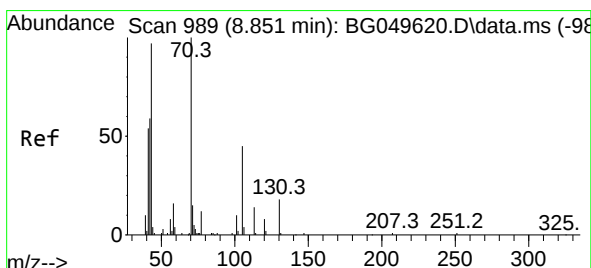
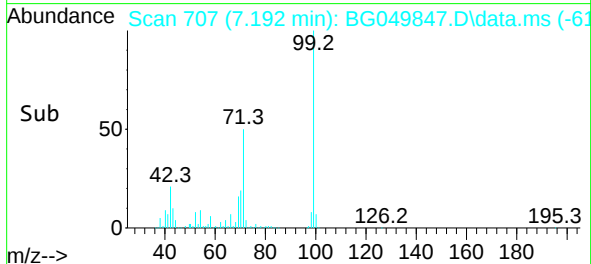
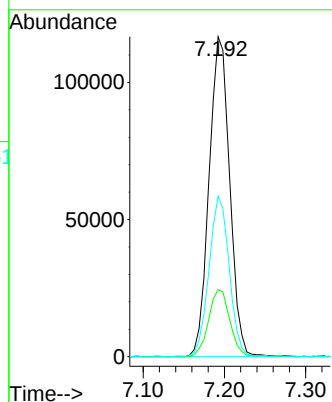
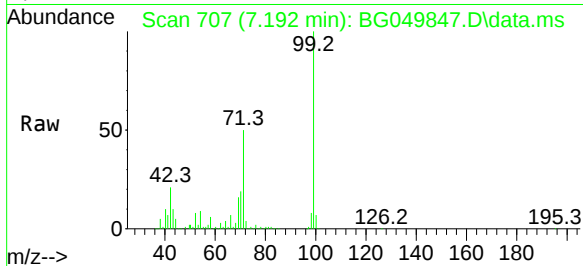




#7
Phenol-d6
Concen: 87.081 ng
RT: 7.192 min Scan# 707
Delta R.T. -0.008 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

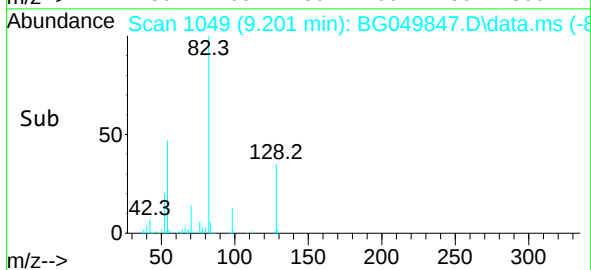
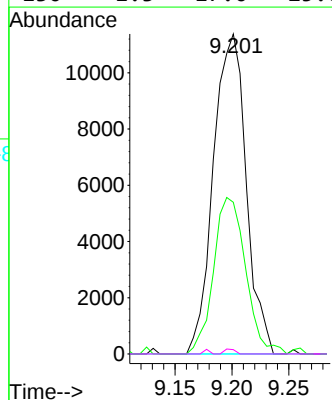
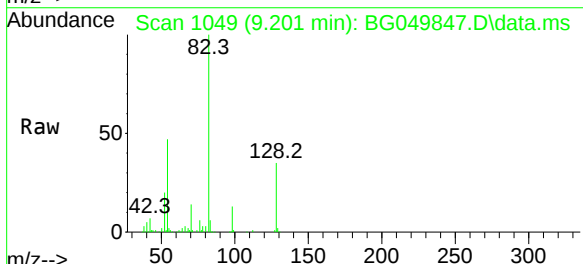
Instrument :
BNA_G
ClientSampled :
34N

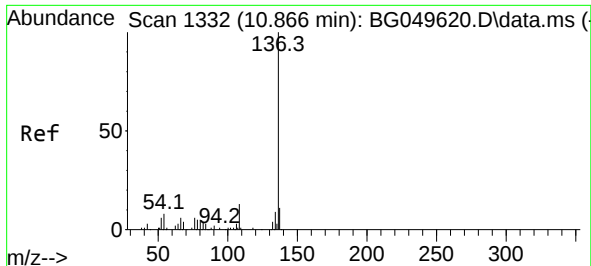
Tgt Ion: 99 Resp: 205277
Ion Ratio Lower Upper
99 100
42 20.9 20.5 30.7
71 50.2 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.425 ng
RT: 9.201 min Scan# 1049
Delta R.T. 0.350 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Tgt Ion: 70 Resp: 22756
Ion Ratio Lower Upper
70 100
42 47.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#

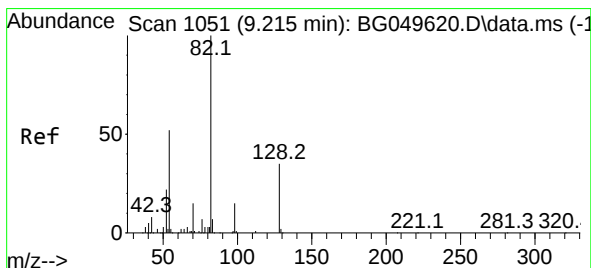
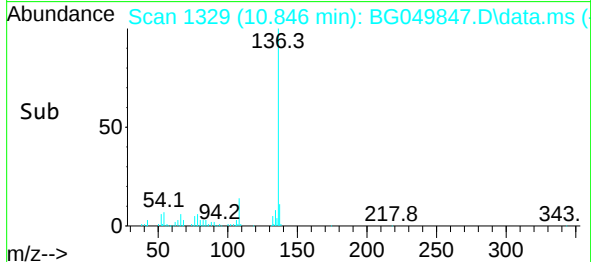
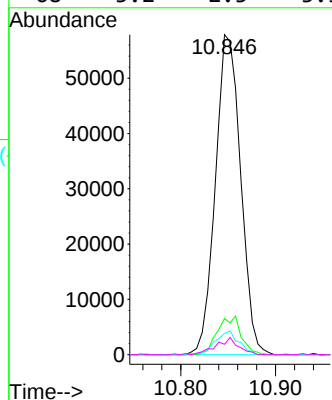
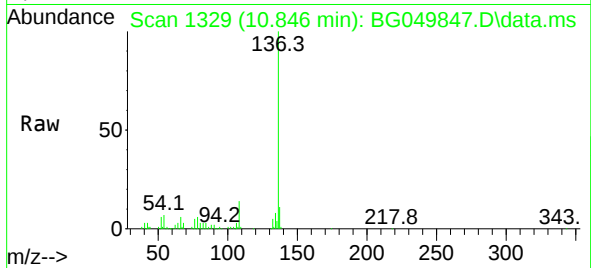




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1329
Delta R.T. -0.020 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

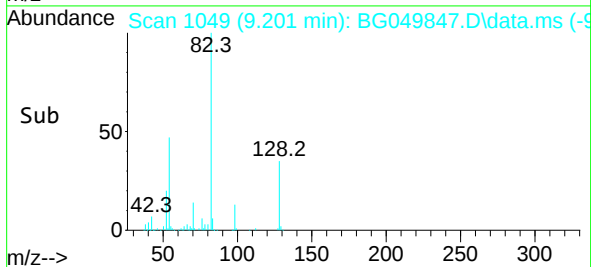
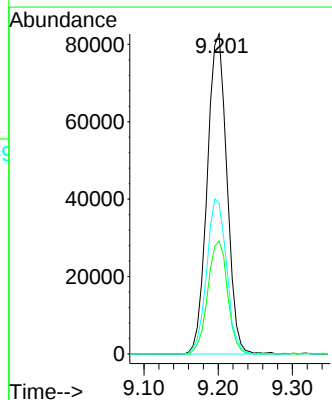
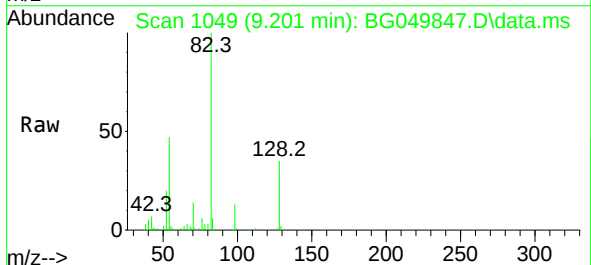
Instrument :
BNA_G
ClientSampleId :
34N

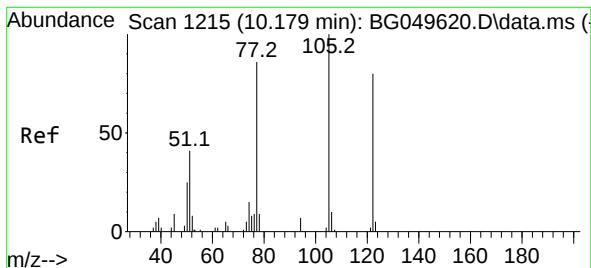
Tgt Ion:	136	Resp:	107139
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.2
54	6.7	5.5	8.3
68	3.2	2.3	3.5



#23
Nitrobenzene-d5
Concen: 62.829 ng
RT: 9.201 min Scan# 1049
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Tgt Ion:	82	Resp:	152118
Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.8	44.6
54	47.2	45.8	68.8

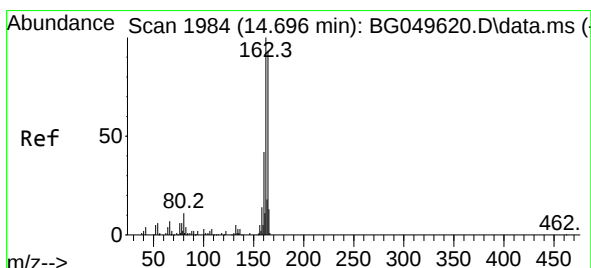
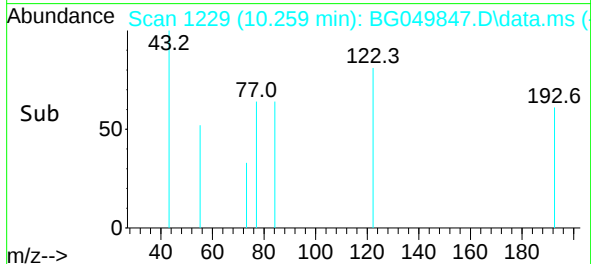
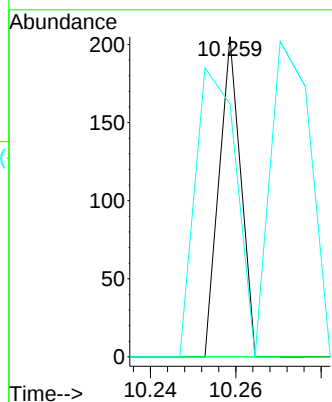
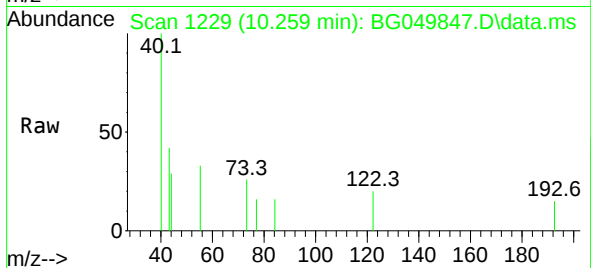




#32
Benzoic acid
Concen: 5.010 ng
RT: 10.259 min Scan# 1229
Delta R.T. 0.080 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

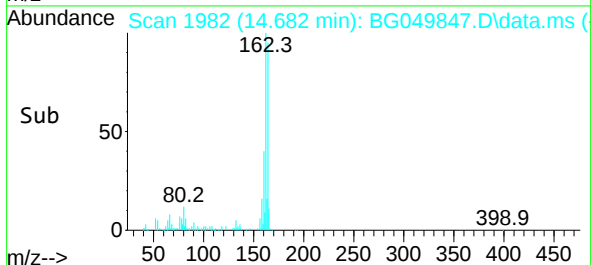
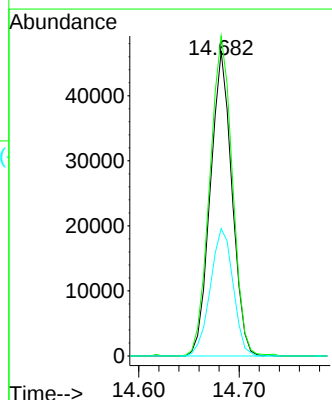
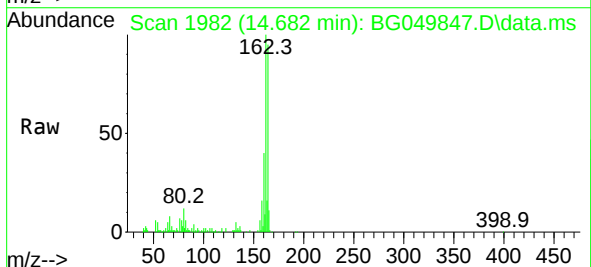
Instrument :
BNA_G
ClientSampled :
34N

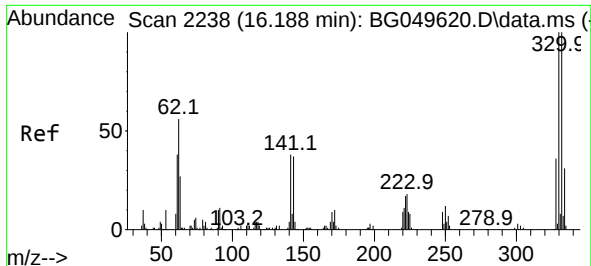
Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 79.0 66.5 106.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.682 min Scan# 1982
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

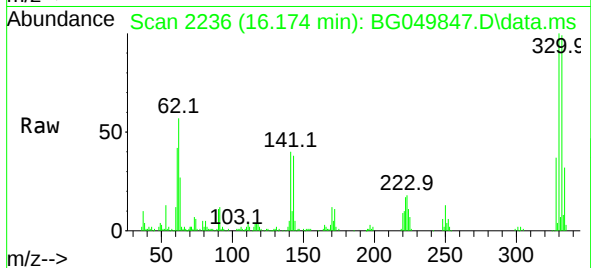
Tgt Ion:164 Resp: 69974
Ion Ratio Lower Upper
164 100
162 105.0 81.4 122.0
160 41.8 34.9 52.3



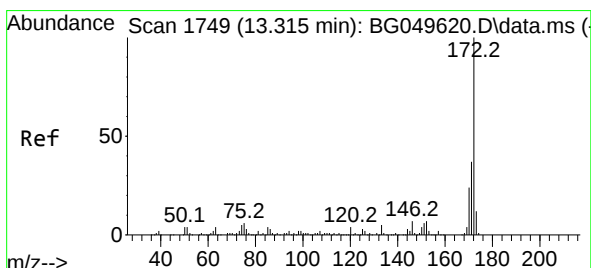
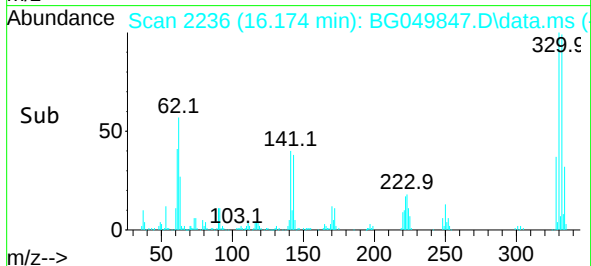
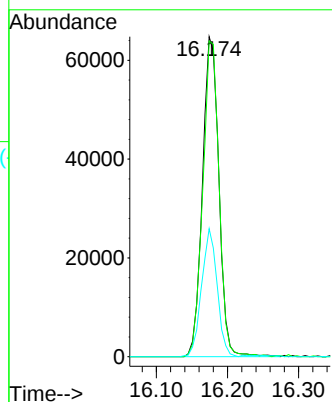


#42
2,4,6-Tribromophenol
Concen: 101.303 ng
RT: 16.174 min Scan# 2236
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Instrument :
BNA_G
ClientSampleId :
34N

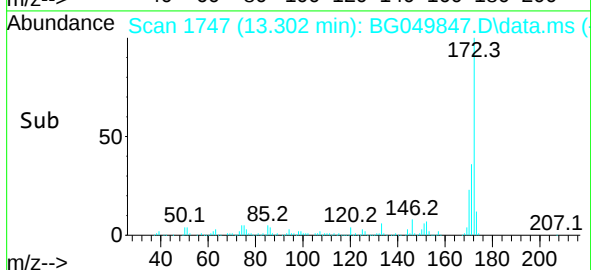
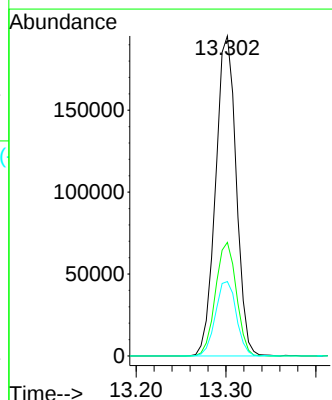
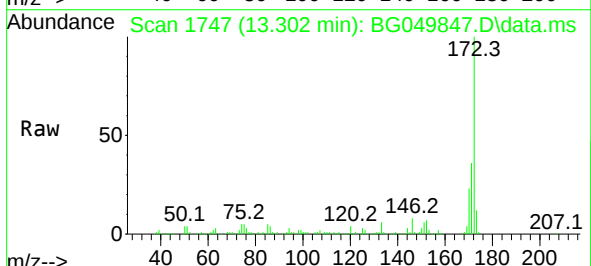


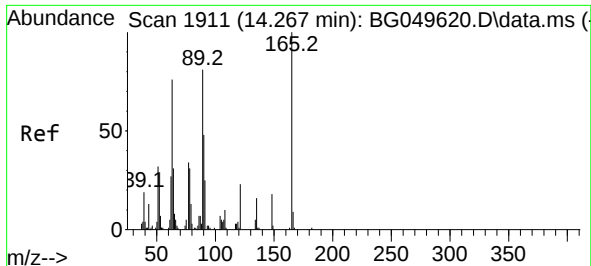
Tgt Ion:330 Resp: 104193
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 37.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 64.593 ng
RT: 13.302 min Scan# 1747
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Tgt Ion:172 Resp: 310625
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.3 18.6 27.8

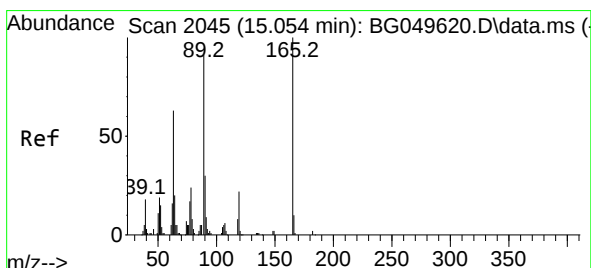
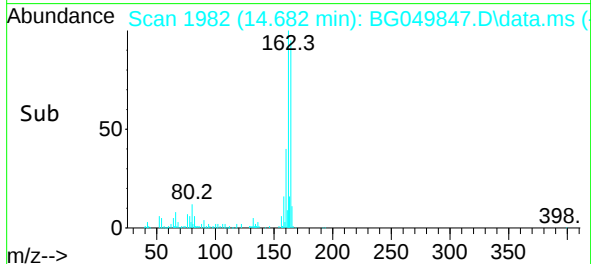
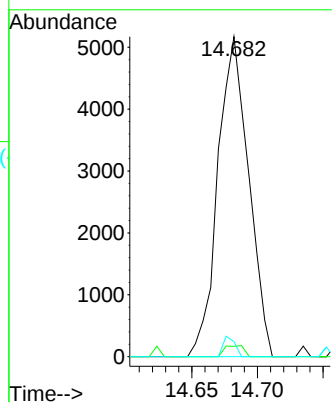
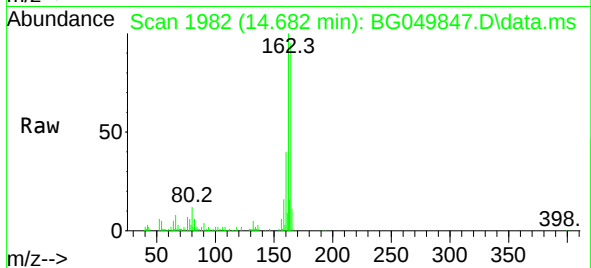




#51
2,6-Dinitrotoluene
Concen: 7.261 ng
RT: 14.682 min Scan# 1982
Delta R.T. 0.415 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

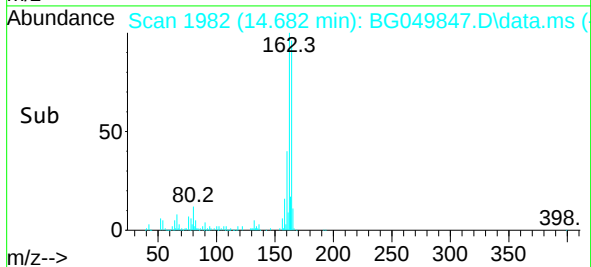
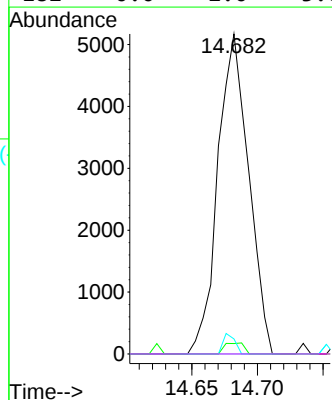
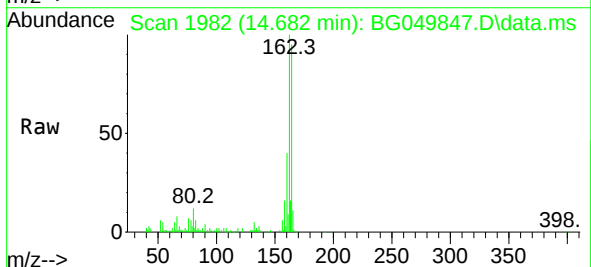
Instrument :
BNA_G
ClientSampled :
34N

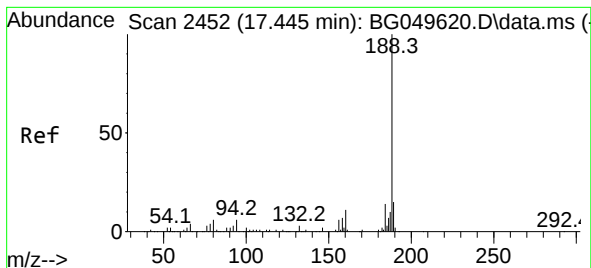
Tgt Ion:165 Resp: 8440
Ion Ratio Lower Upper
165 100
63 3.2 63.3 94.9#
89 4.7 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.170 ng
RT: 14.682 min Scan# 1982
Delta R.T. -0.372 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Tgt Ion:165 Resp: 8440
Ion Ratio Lower Upper
165 100
63 3.2 48.0 72.0#
89 4.7 65.4 98.0#
182 0.0 2.0 3.0#

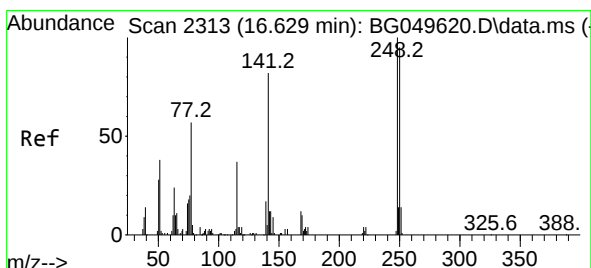
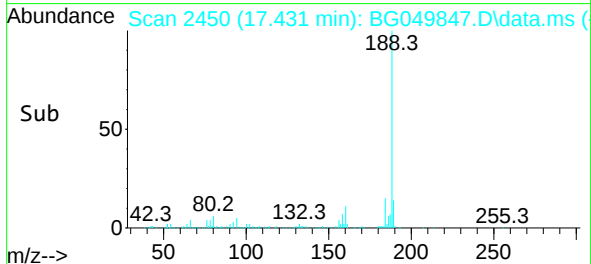
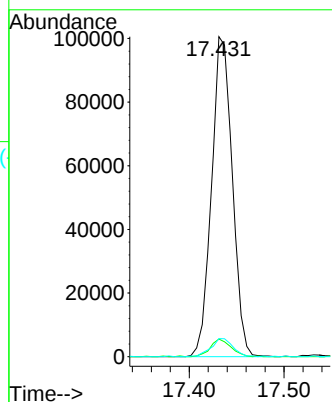
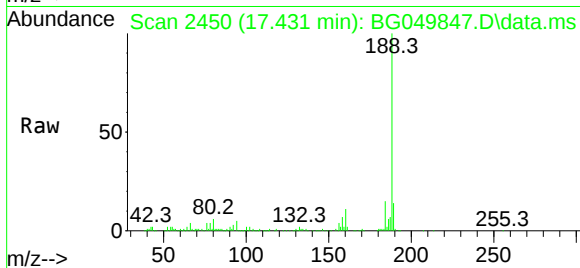




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 2450
Delta R.T. -0.014 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

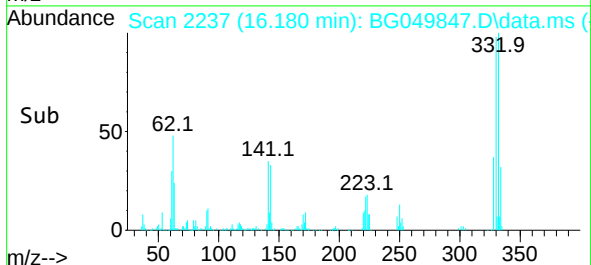
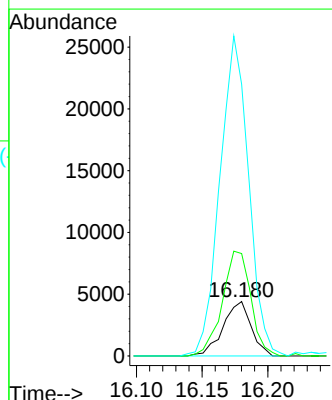
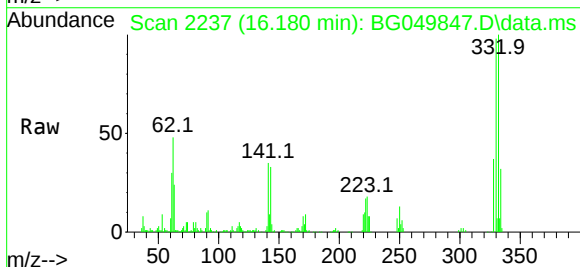
Instrument :
BNA_G
ClientSampleId :
34N

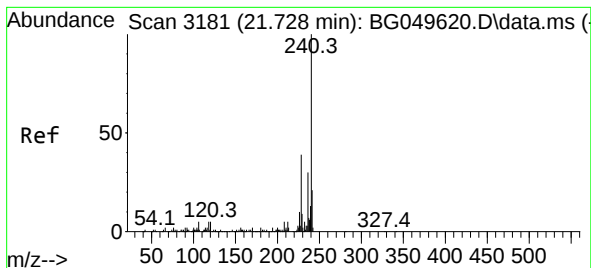
Tgt Ion:188 Resp: 153002
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 5.6 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.639 ng
RT: 16.180 min Scan# 2237
Delta R.T. -0.449 min
Lab File: BG049847.D
Acq: 16 Aug 2021 12:32

Tgt Ion:248 Resp: 6557
Ion Ratio Lower Upper
248 100
250 188.4 76.1 114.1#
141 499.5 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.714 min Scan# 3179

Delta R.T. -0.014 min

Lab File: BG049847.D

Acq: 16 Aug 2021 12:32

Tgt Ion:240 Resp: 144752

Ion Ratio Lower Upper

240 100

120 5.2 4.2 6.2

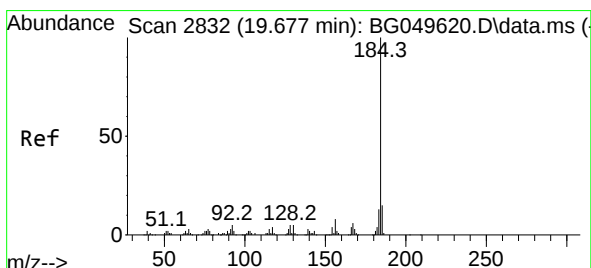
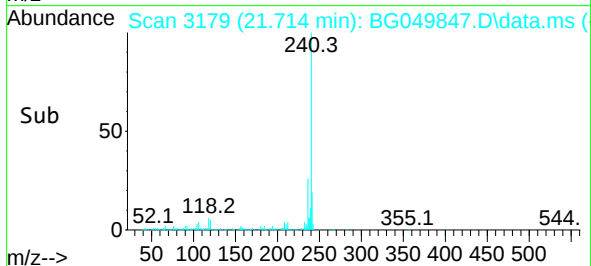
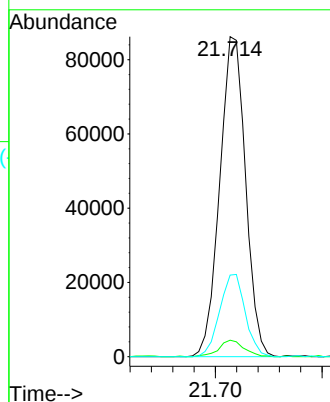
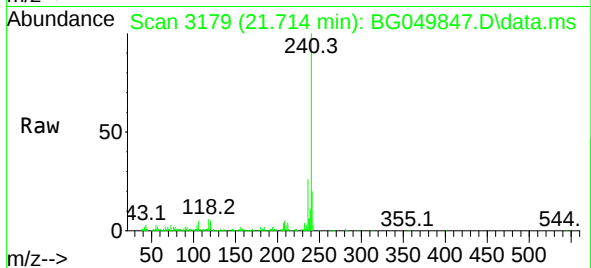
236 25.5 21.8 32.6

Instrument :

BNA_G

ClientSampleId :

34N



#77

Benzidine

Concen: 2.794 ng

RT: 20.045 min Scan# 2895

Delta R.T. 0.368 min

Lab File: BG049847.D

Acq: 16 Aug 2021 12:32

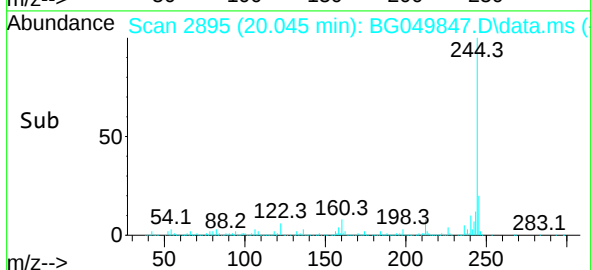
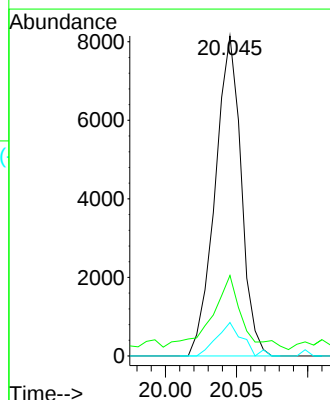
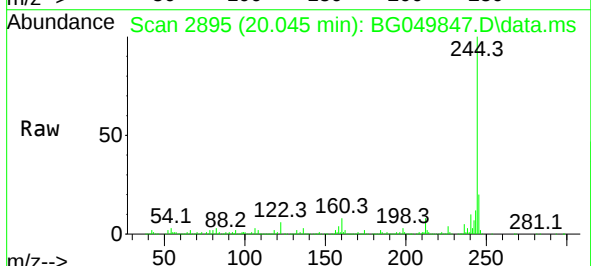
Tgt Ion:184 Resp: 10363

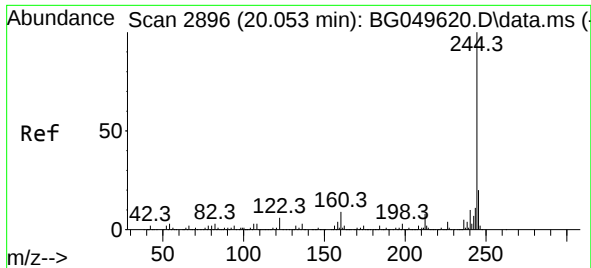
Ion Ratio Lower Upper

184 100

185 25.1 10.7 16.1#

183 10.5 9.4 14.0

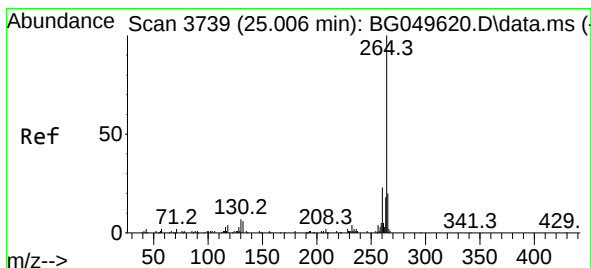
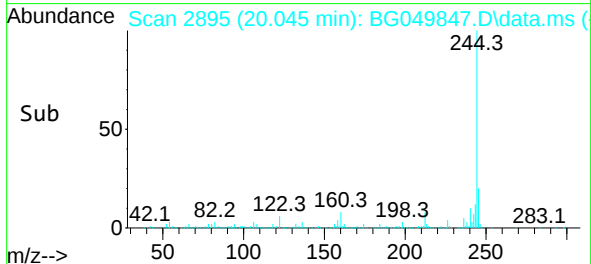
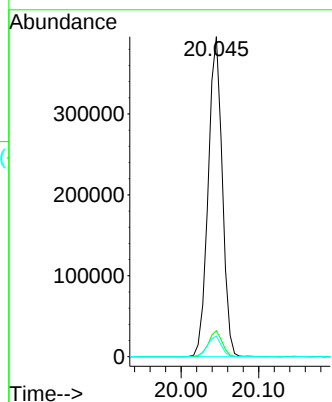
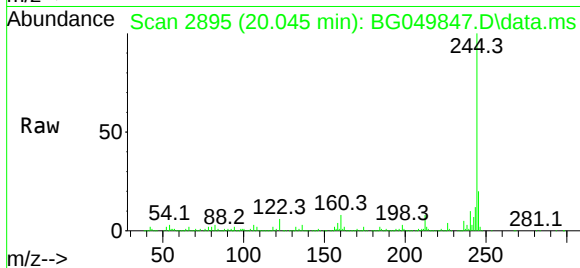




#79
 Terphenyl-d14
 Concen: 62.368 ng
 RT: 20.045 min Scan# 2895
 Delta R.T. -0.008 min
 Lab File: BG049847.D
 Acq: 16 Aug 2021 12:32

Instrument :
 BNA_G
 ClientSampled :
 34N

Tgt Ion:244 Resp: 497078
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 6.4 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.992 min Scan# 3737
 Delta R.T. -0.014 min
 Lab File: BG049847.D
 Acq: 16 Aug 2021 12:32

Tgt Ion:264 Resp: 159634
 Ion Ratio Lower Upper
 264 100
 260 21.6 19.4 29.2
 265 23.4 16.9 25.3

