

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
 Data File : BG049838.D
 Acq On : 13 Aug 2021 17:17
 Operator : CG/JU
 Sample : M3343-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20210558-COM-31

Quant Time: Aug 13 18:47:20 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)

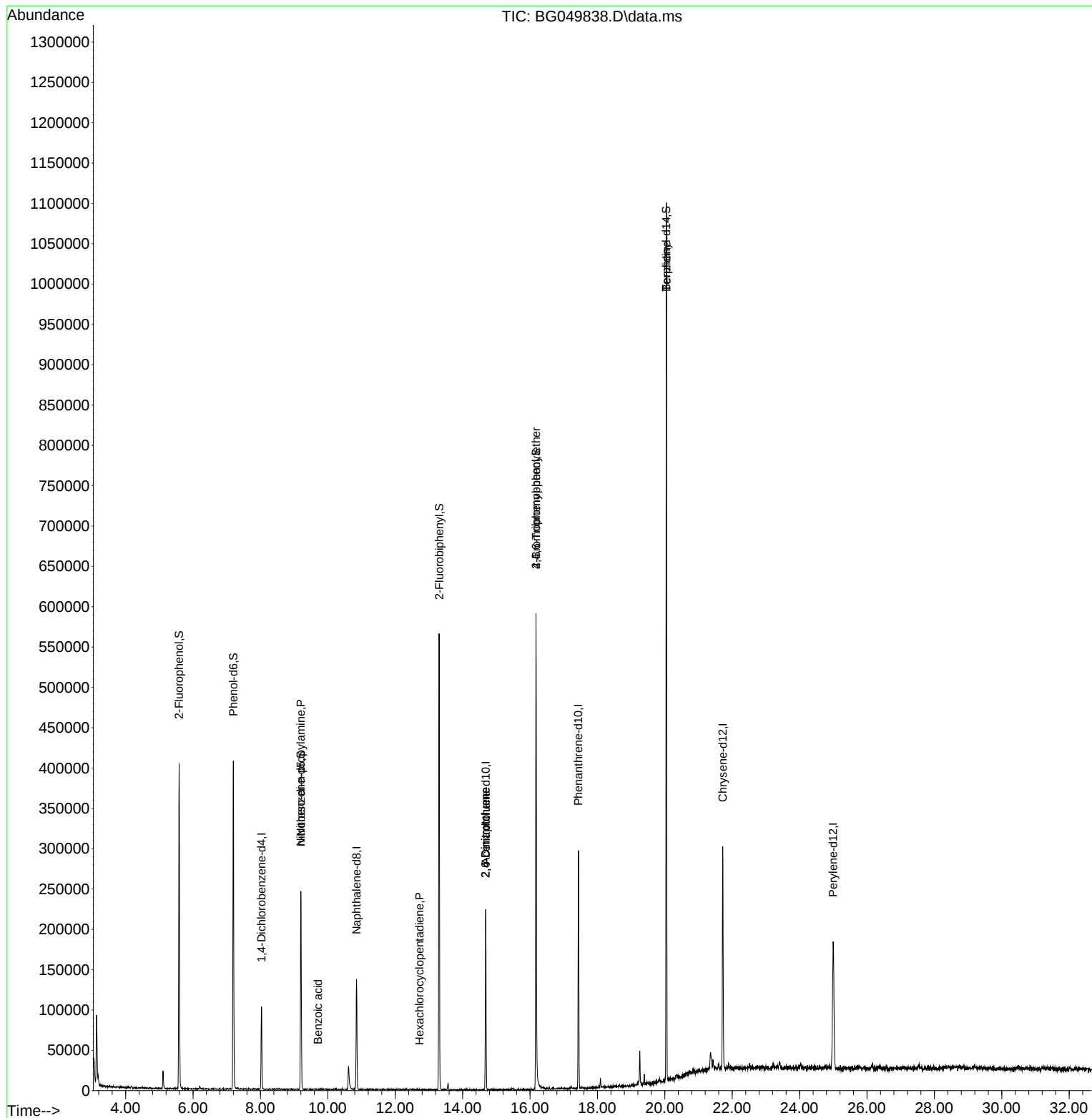
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.032	152	28091	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	112951	20.000	ng	-0.01
39) Acenaphthene-d10	14.687	164	79371	20.000	ng	0.00
64) Phenanthrene-d10	17.437	188	183563	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	165962	20.000	ng	0.00
86) Perylene-d12	24.997	264	172953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	160719	102.562	ng	0.00
7) Phenol-d6	7.197	99	218388	92.065	ng	0.00
23) Nitrobenzene-d5	9.201	82	152467	59.732	ng	-0.01
42) 2,4,6-Tribromophenol	16.179	330	122663	105.141	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	297254	54.494	ng	0.00
79) Terphenyl-d14	20.045	244	511791	56.008	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.201	70	23547	14.834	ng	# 68
32) Benzoic acid	9.712	122	60	4.997	ng	# 10
41) Hexachlorocyclopentadiene	12.725	237	55	3.582	ng	# 31
51) 2,6-Dinitrotoluene	14.681	165	10306	7.816	ng	# 10
57) 2,4-Dinitrotoluene	14.681	165	10306	5.565	ng	# 15
67) 4-Bromophenyl-phenylether	16.179	248	7610	3.520	ng	# 1
77) Benzidine	20.051	184	10003	2.352	ng	# 93

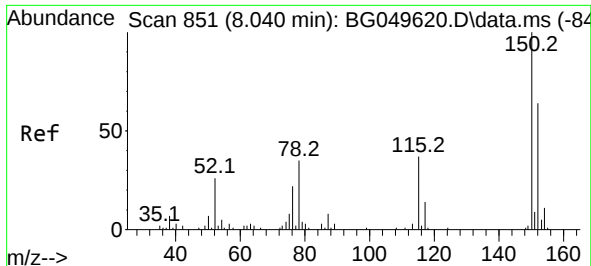
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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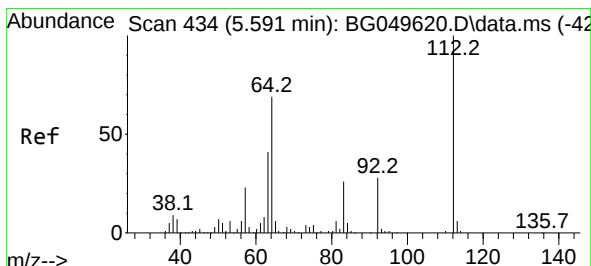
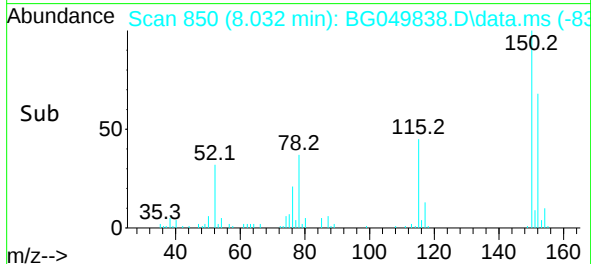
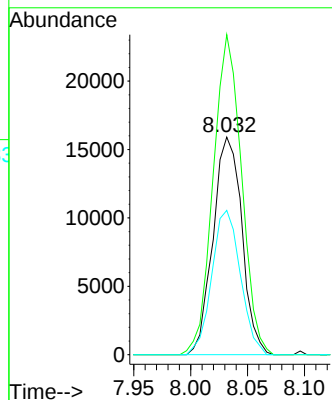
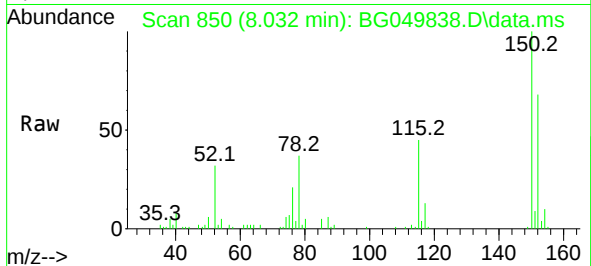




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.032 min Scan# 850
Delta R.T. -0.008 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

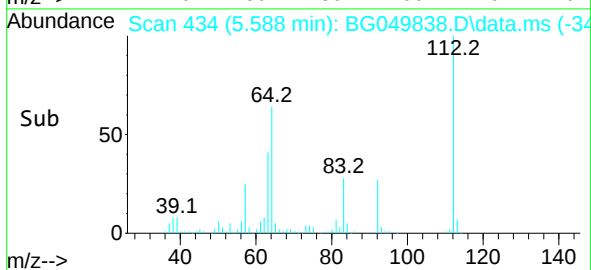
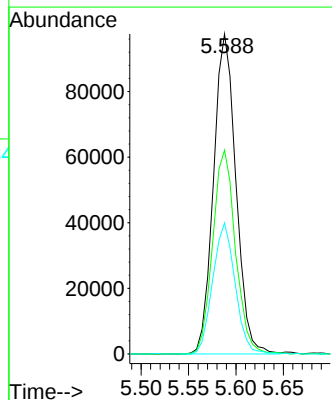
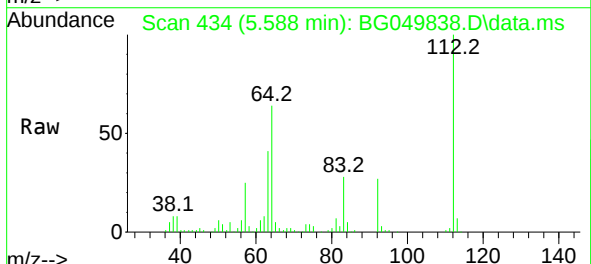
Instrument :
BNA_G
ClientSampleId :
20210558-COM-31

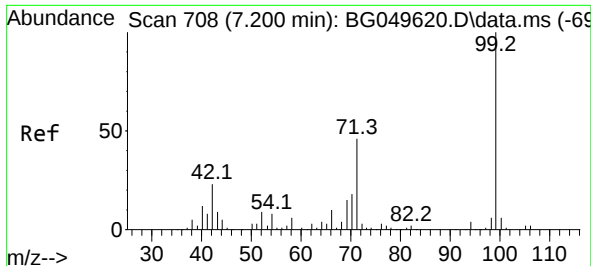
Tgt Ion:152 Resp: 28091
Ion Ratio Lower Upper
152 100
150 147.1 119.4 179.0
115 66.4 60.2 90.4



#5
2-Fluorophenol
Concen: 102.562 ng
RT: 5.588 min Scan# 434
Delta R.T. -0.003 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

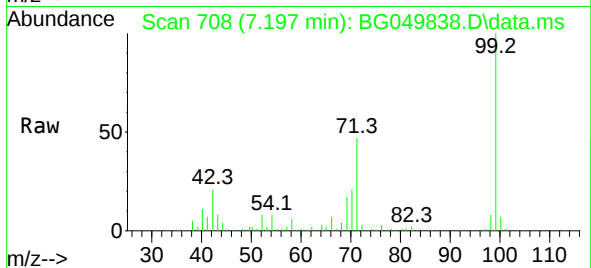
Tgt Ion:112 Resp: 160719
Ion Ratio Lower Upper
112 100
64 63.7 46.7 70.1
63 40.9 35.3 52.9



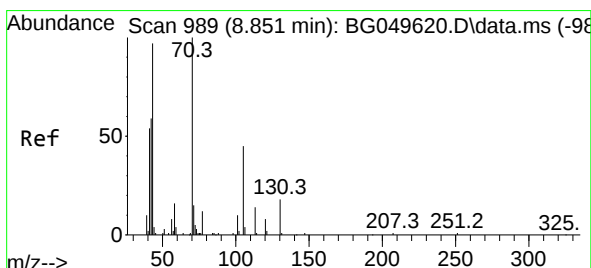
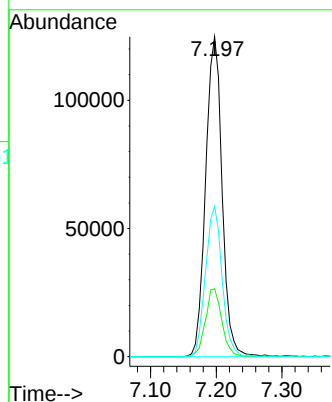
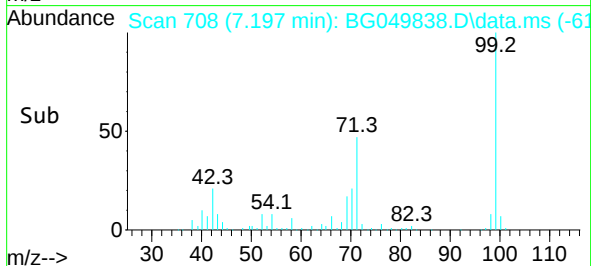


#7
Phenol-d6
Concen: 92.065 ng
RT: 7.197 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

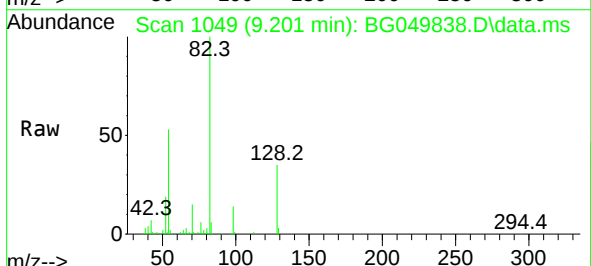
Instrument :
BNA_G
ClientSampleId :
20210558-COM-31



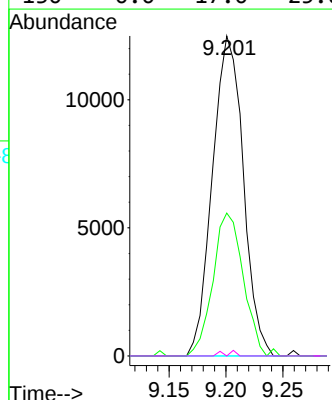
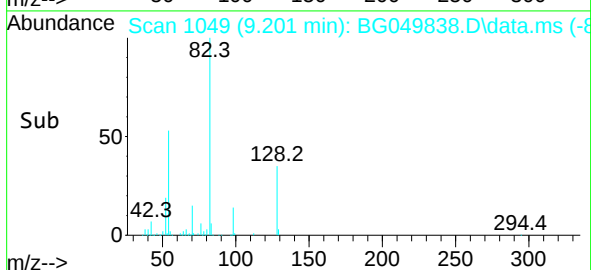
Tgt Ion: 99 Resp: 218388
Ion Ratio Lower Upper
99 100
42 21.2 20.5 30.7
71 47.0 41.5 62.3

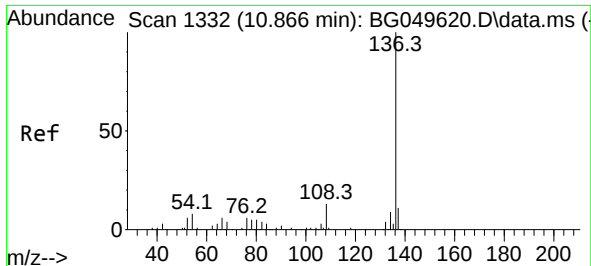


#19
n-Nitroso-di-n-propylamine
Concen: 14.834 ng
RT: 9.201 min Scan# 1049
Delta R.T. 0.350 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17



Tgt Ion: 70 Resp: 23547
Ion Ratio Lower Upper
70 100
42 44.7 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

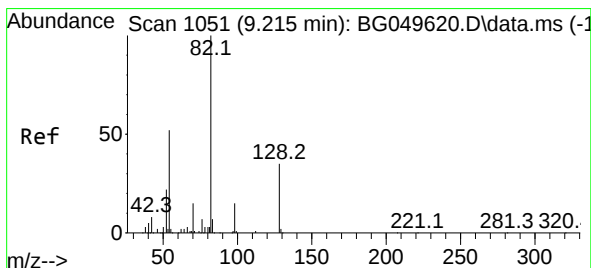
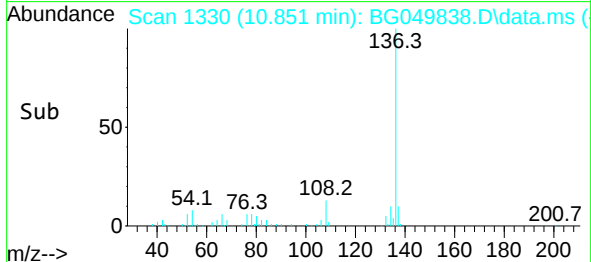
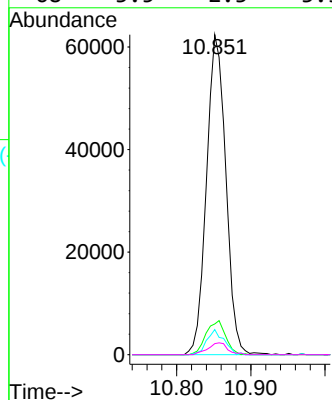
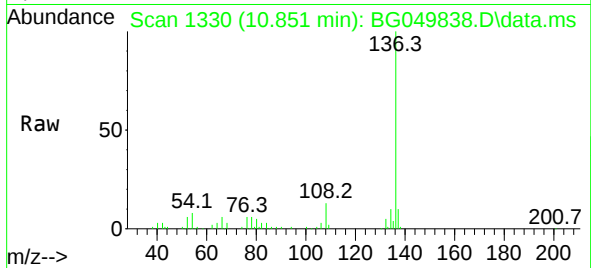




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1330
Delta R.T. -0.015 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

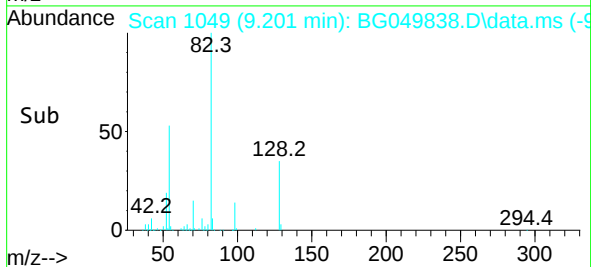
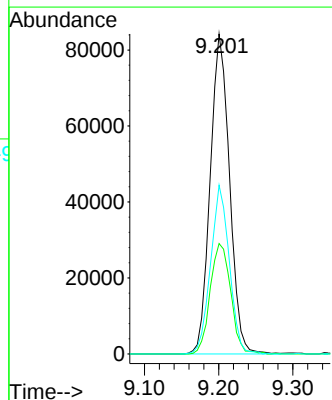
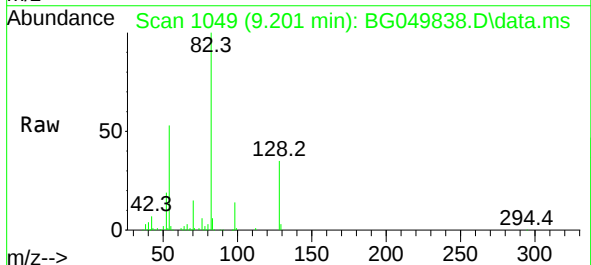
Instrument :
BNA_G
ClientSampleId :
20210558-COM-31

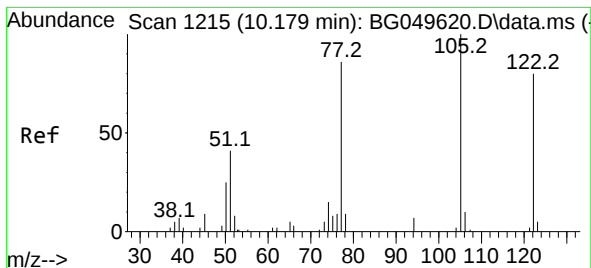
Tgt Ion:136	Resp:	112951
Ion Ratio	Lower	Upper
136	100	
137	9.6	8.2 12.2
54	7.9	5.5 8.3
68	3.5	2.3 3.5



#23
Nitrobenzene-d5
Concen: 59.732 ng
RT: 9.201 min Scan# 1049
Delta R.T. -0.015 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

Tgt Ion: 82	Resp:	152467
Ion Ratio	Lower	Upper
82	100	
128	34.5	29.8 44.6
54	52.7	45.8 68.8

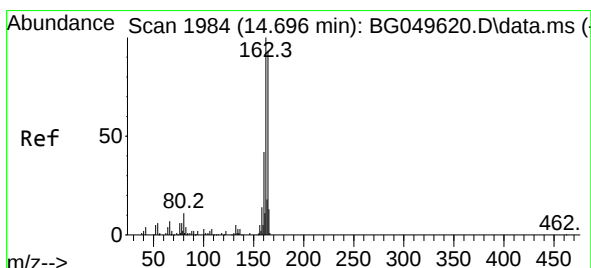
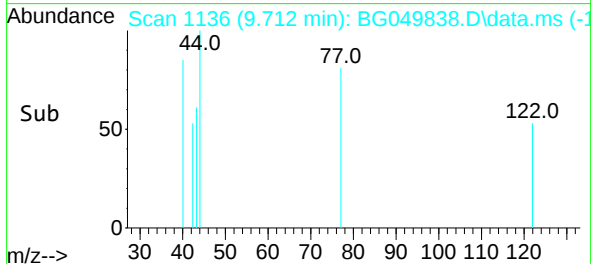
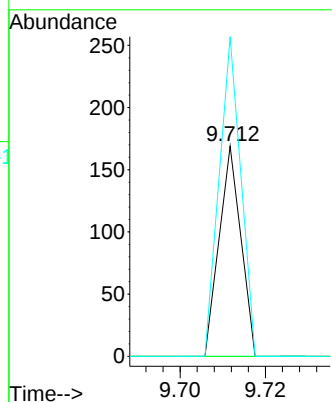
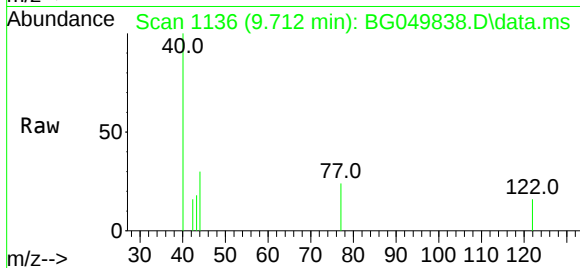




#32
Benzoic acid
Concen: 4.997 ng
RT: 9.712 min Scan# 1136
Delta R.T. -0.467 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

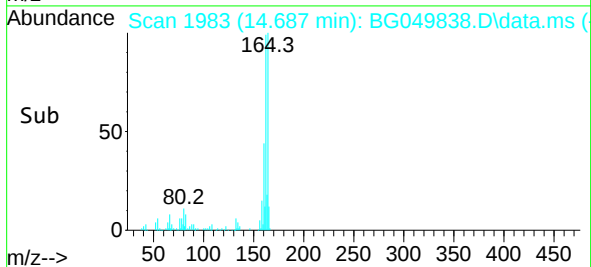
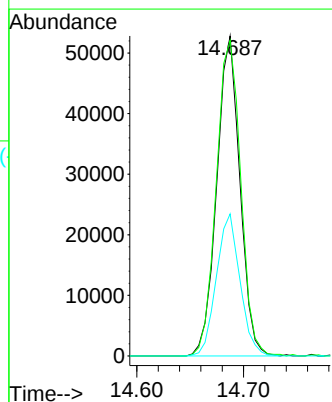
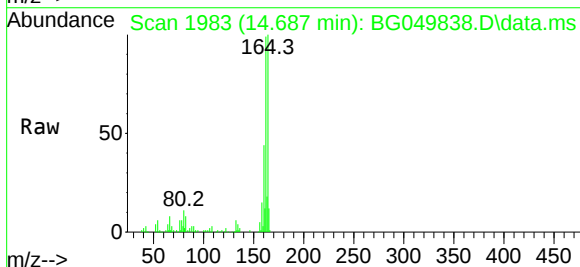
Instrument :
BNA_G
ClientSampleId :
20210558-COM-31

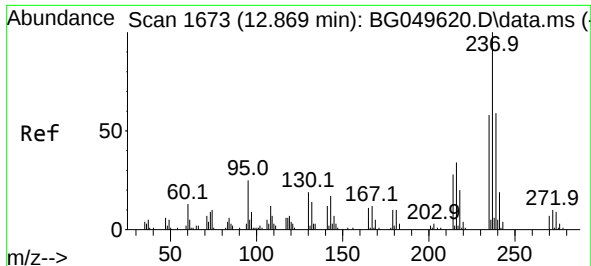
Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 152.1 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

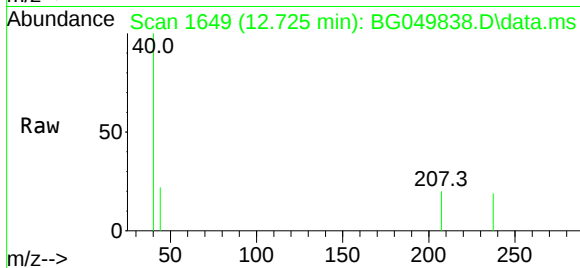
Tgt Ion:164 Resp: 79371
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 44.4 34.9 52.3



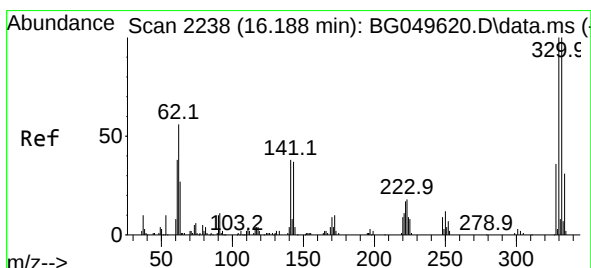
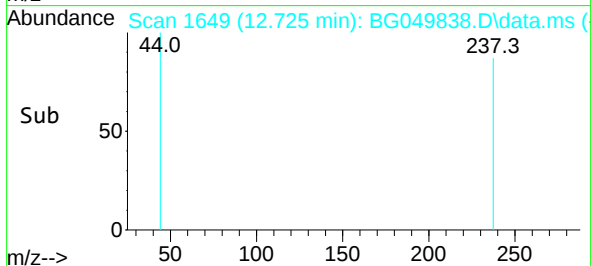
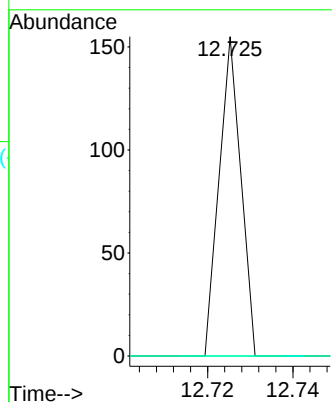


#41
Hexachlorocyclopentadiene
Concen: 3.582 ng
RT: 12.725 min Scan# 1649
Delta R.T. -0.144 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

Instrument :
BNA_G
ClientSampleId :
20210558-COM-31

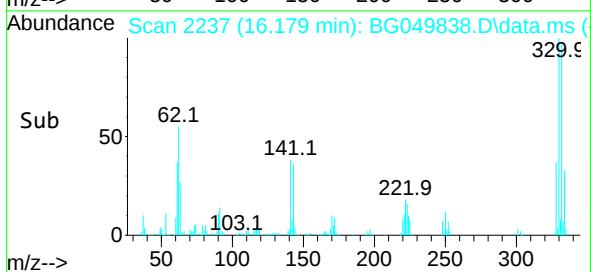
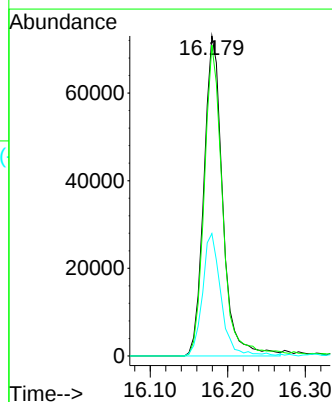
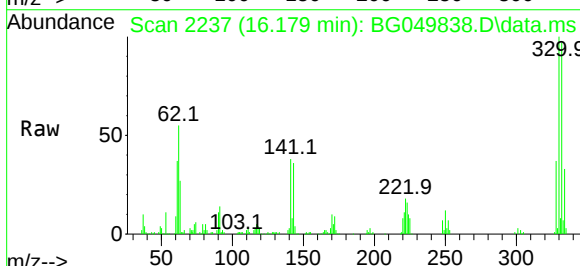


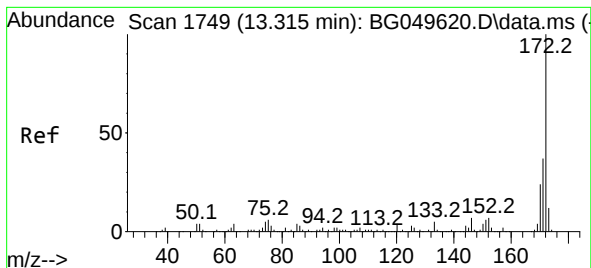
Tgt Ion:237 Resp: 55
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 105.141 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.009 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

Tgt Ion:330 Resp: 122663
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 37.6 35.6 53.4

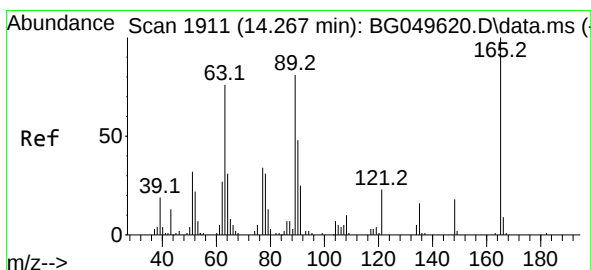
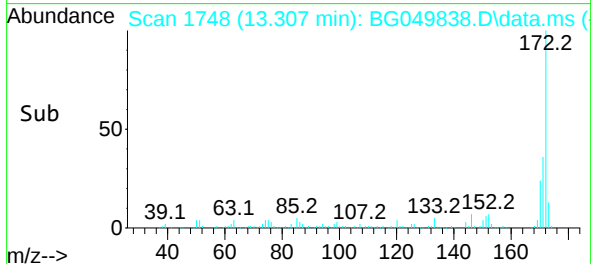
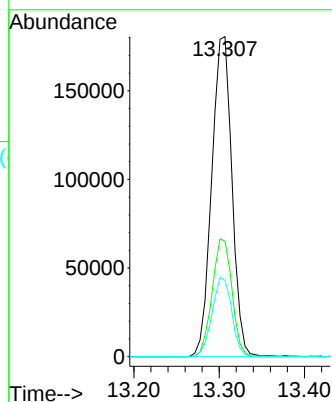
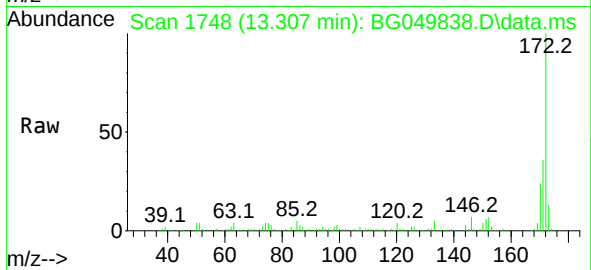




#45
2-Fluorobiphenyl
Concen: 54.494 ng
RT: 13.307 min Scan# 1748
Delta R.T. -0.009 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

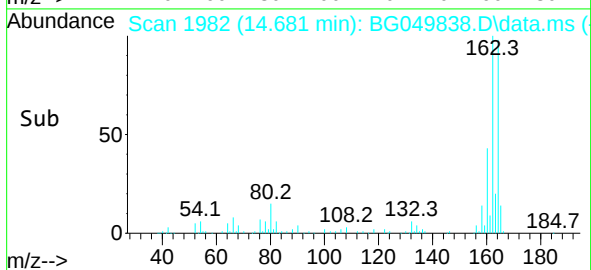
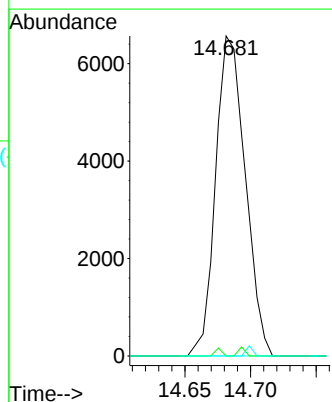
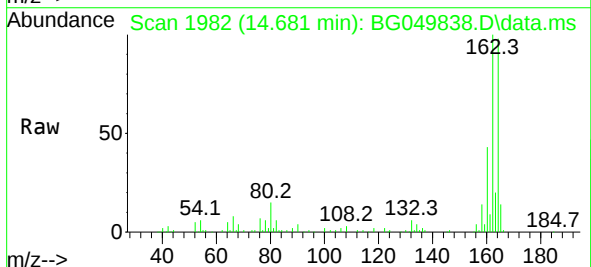
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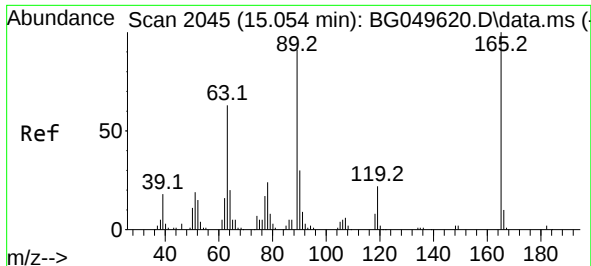
Tgt Ion:172 Resp: 297254
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.9 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.816 ng
RT: 14.681 min Scan# 1982
Delta R.T. 0.414 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

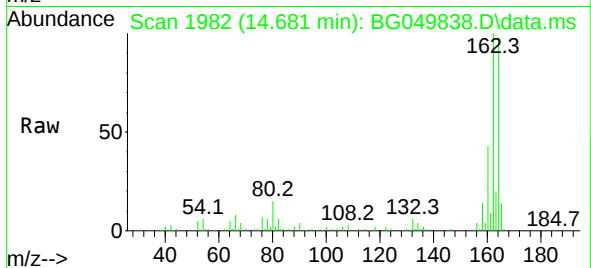
Tgt Ion:165 Resp: 10306
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



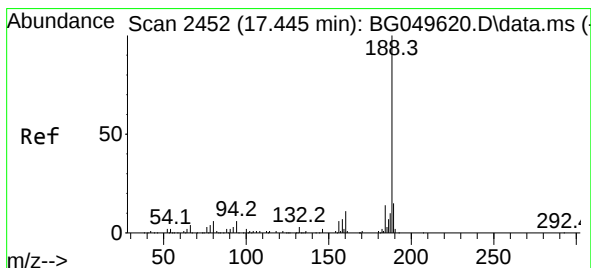
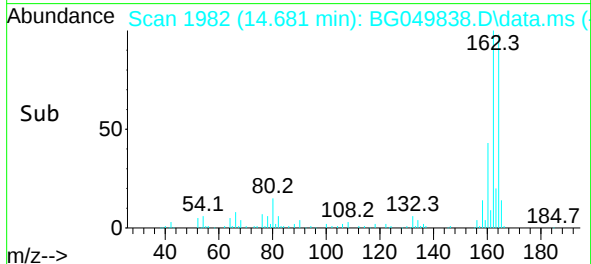
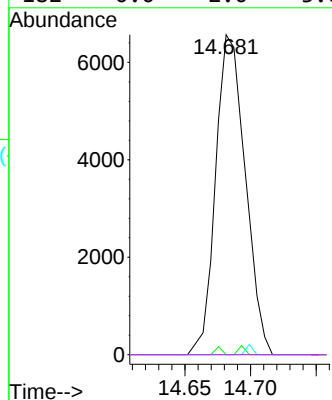


#57
2,4-Dinitrotoluene
Concen: 5.565 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.373 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

Instrument :
BNA_G
ClientSampleId :
20210558-COM-31

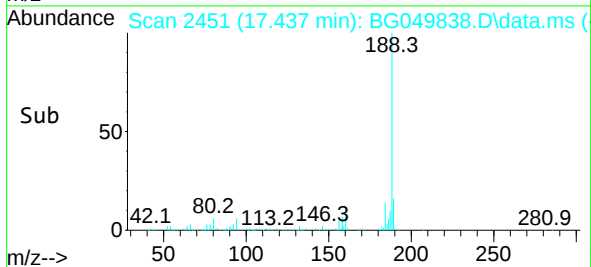
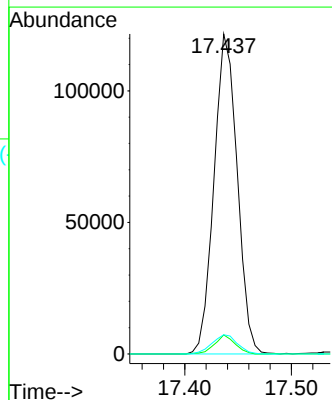
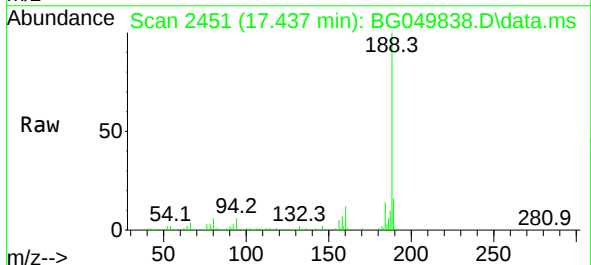


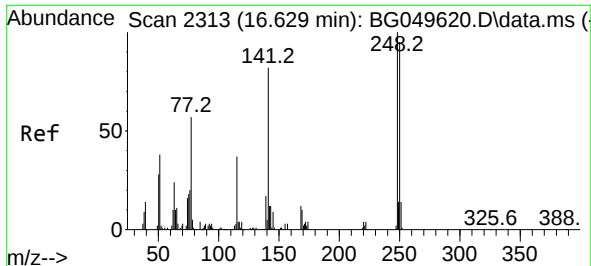
Tgt Ion:165 Resp: 10306
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.437 min Scan# 2451
Delta R.T. -0.009 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

Tgt Ion:188 Resp: 183563
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 6.0 3.7 5.5#

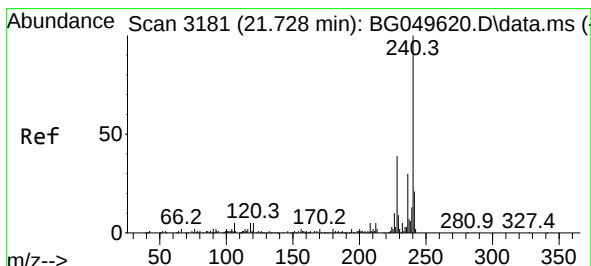
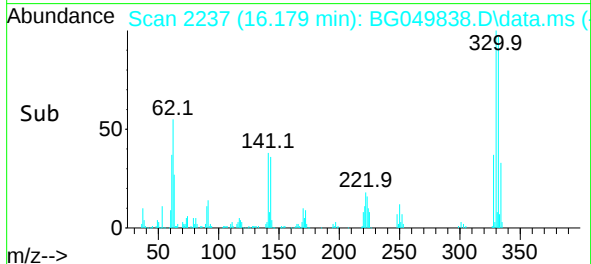
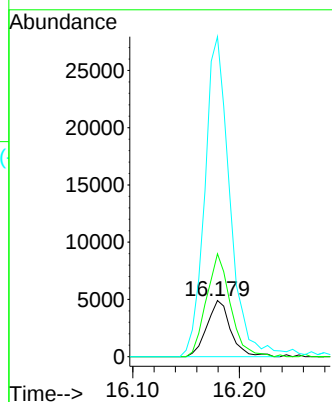
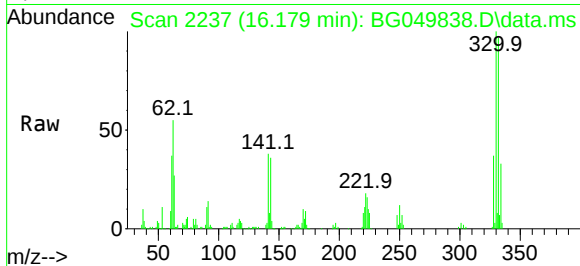




#67
4-Bromophenyl-phenylether
Concen: 3.520 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.449 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

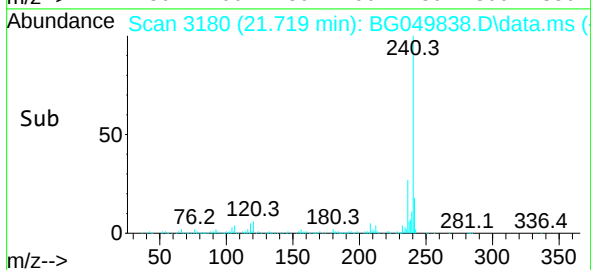
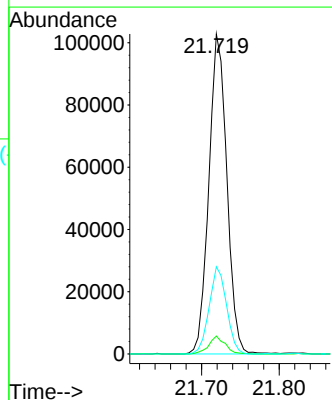
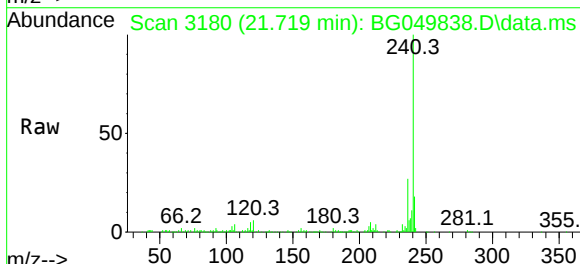
Instrument :
BNA_G
ClientSampleId :
20210558-COM-31

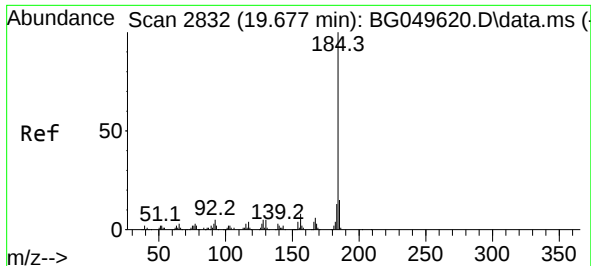
Tgt Ion:248 Resp: 7610
Ion Ratio Lower Upper
248 100
250 183.1 76.1 114.1#
141 569.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3180
Delta R.T. -0.009 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

Tgt Ion:240 Resp: 165962
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 27.2 21.8 32.6

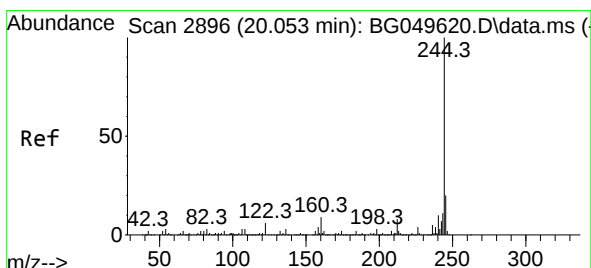
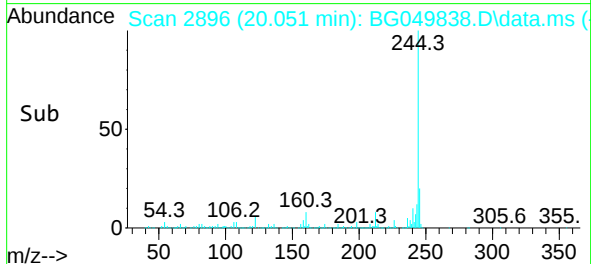
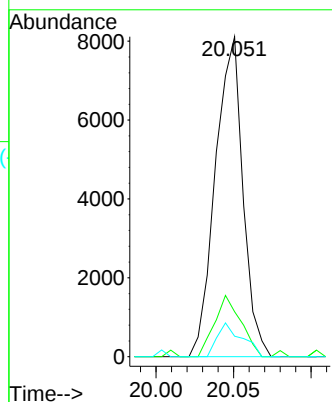
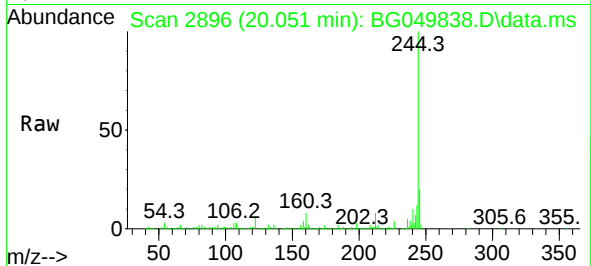




#77
Benzidine
Concen: 2.352 ng
RT: 20.051 min Scan# 2896
Delta R.T. 0.373 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

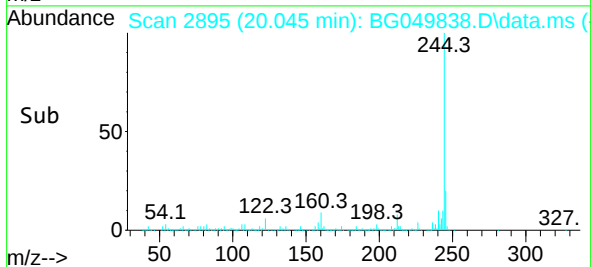
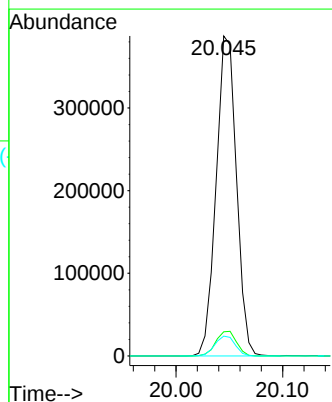
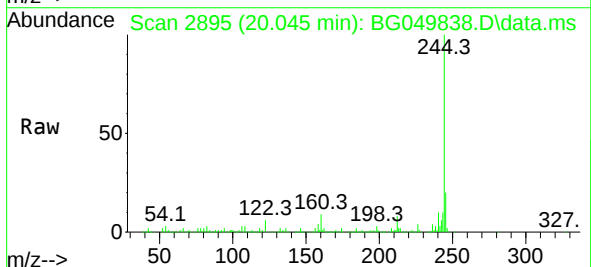
Instrument :
BNA_G
ClientSampleId :
20210558-COM-31

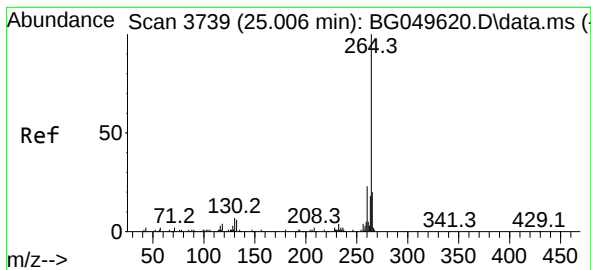
Tgt Ion:184 Resp: 10003
Ion Ratio Lower Upper
184 100
185 14.0 10.7 16.1
183 6.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 56.008 ng
RT: 20.045 min Scan# 2895
Delta R.T. -0.009 min
Lab File: BG049838.D
Acq: 13 Aug 2021 17:17

Tgt Ion:244 Resp: 511791
Ion Ratio Lower Upper
244 100
212 7.6 6.9 10.3
122 6.2 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.997 min Scan# 3738
 Delta R.T. -0.009 min
 Lab File: BG049838.D
 Acq: 13 Aug 2021 17:17

Instrument :
 BNA_G
 ClientSampleId :
 20210558-COM-31

Tgt Ion:264	Resp: 172953
Ion Ratio	Lower Upper
264	100
260	24.8 19.4 29.2
265	24.1 16.9 25.3

