

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
 Data File : BG049834.D
 Acq On : 13 Aug 2021 14:30
 Operator : CG/JU
 Sample : M3346-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LPA-1

Quant Time: Aug 13 15:15:02 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)

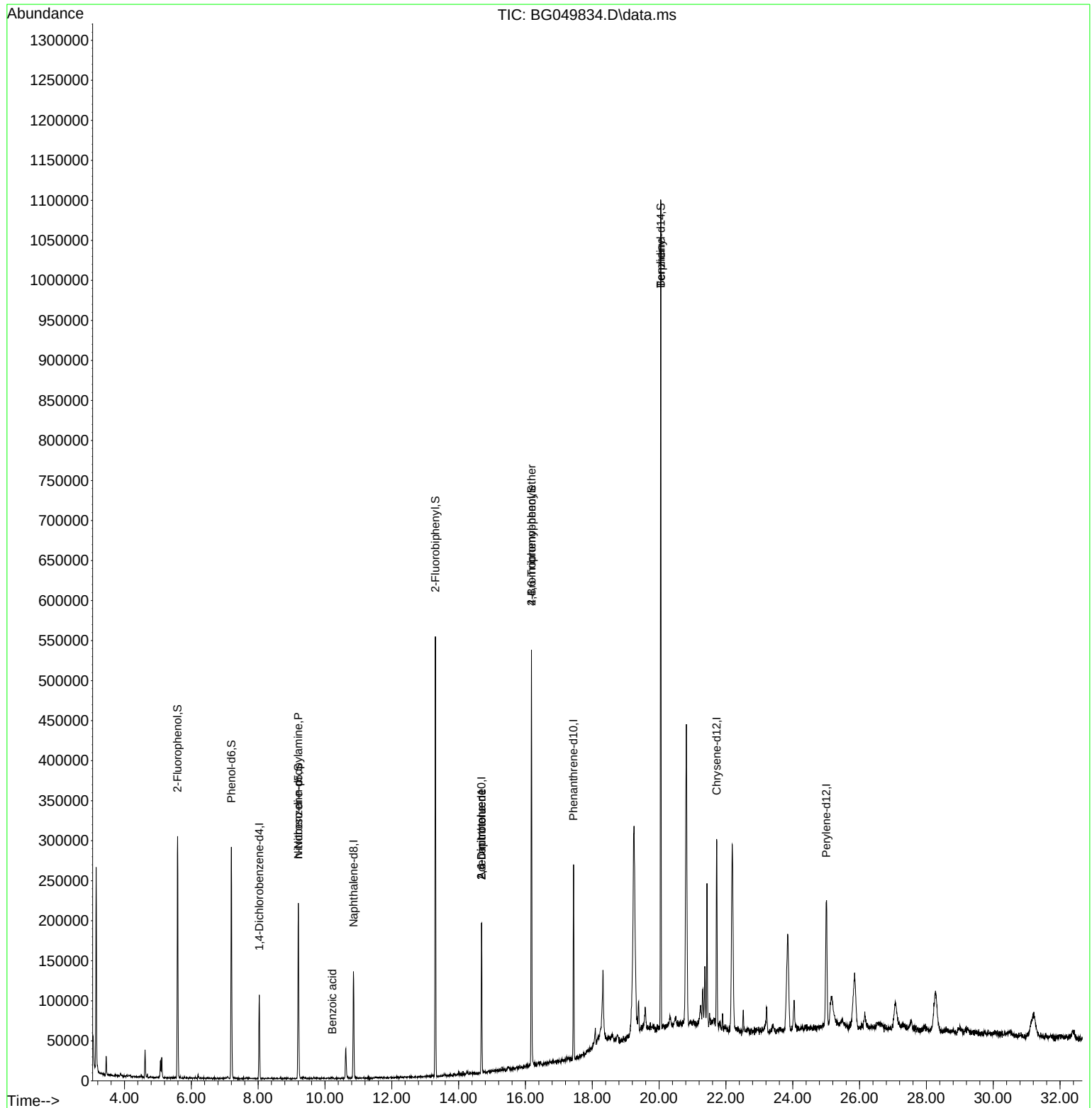
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	28401	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	108250	20.000	ng	#-0.01
39) Acenaphthene-d10	14.684	164	67917	20.000	ng	-0.01
64) Phenanthrene-d10	17.439	188	151309	20.000	ng	# 0.00
76) Chrysene-d12	21.721	240	151392	20.000	ng	0.00
86) Perylene-d12	25.005	264	159631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.590	112	119710	75.558	ng	0.00
7) Phenol-d6	7.200	99	151205	63.047	ng	0.00
23) Nitrobenzene-d5	9.203	82	131197	53.632	ng	-0.01
42) 2,4,6-Tribromophenol	16.182	330	96679	96.845	ng	0.00
45) 2-Fluorobiphenyl	13.303	172	270121	57.872	ng	-0.01
79) Terphenyl-d14	20.053	244	489451	58.718	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.203	70	20075	12.509	ng	# 69
32) Benzoic acid	10.225	122	70	5.008	ng	# 1
51) 2,6-Dinitrotoluene	14.684	165	8750	7.756	ng	# 12
57) 2,4-Dinitrotoluene	14.684	165	8750	5.522	ng	# 17
67) 4-Bromophenyl-phenylether	16.182	248	6071	3.407	ng	# 1
77) Benzidine	20.053	184	10658	2.748	ng	# 71

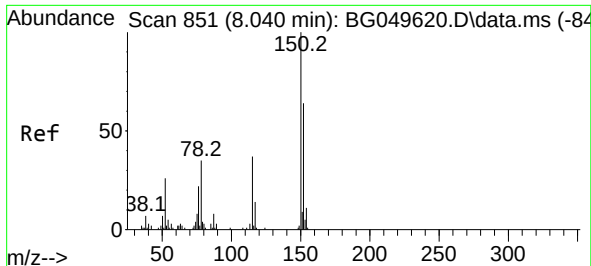
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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BNA_G
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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

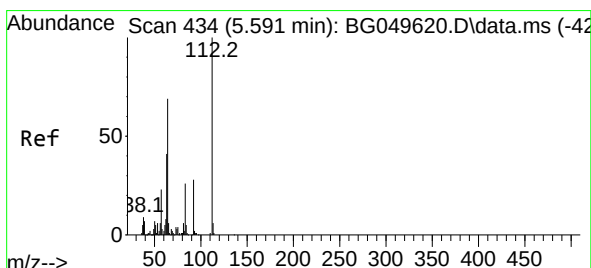
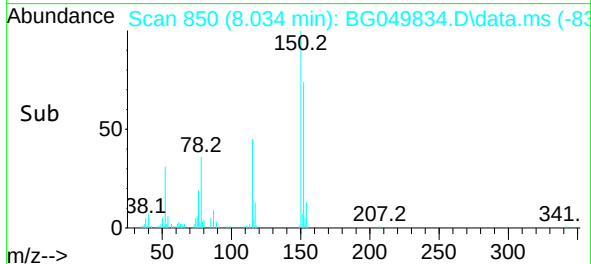
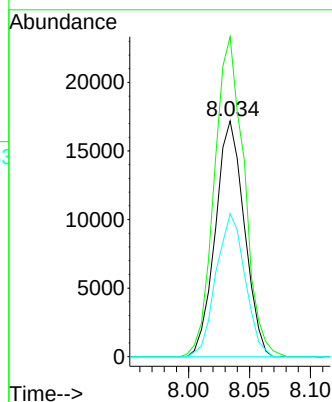
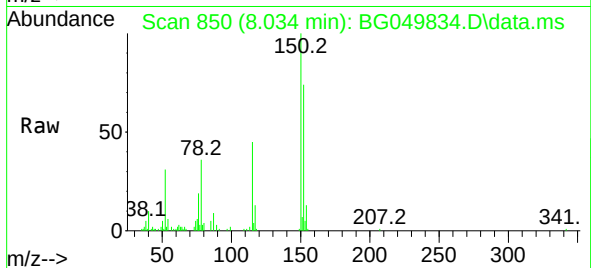




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.034 min Scan# 850
Delta R.T. -0.006 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

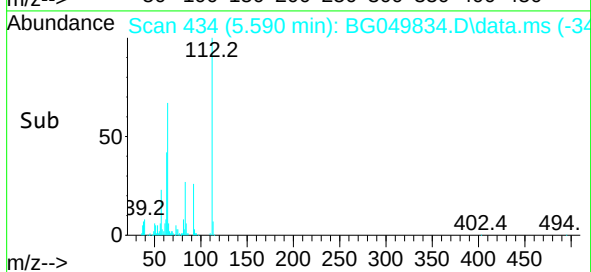
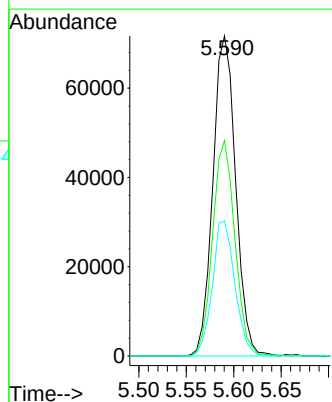
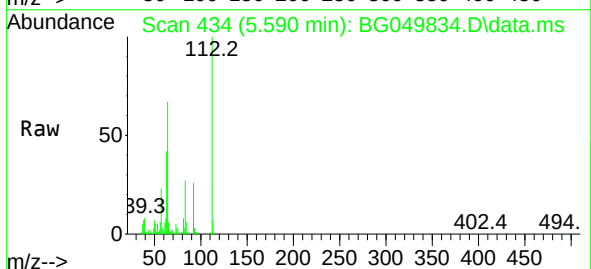
Instrument :
BNA_G
ClientSampled :
LPA-1

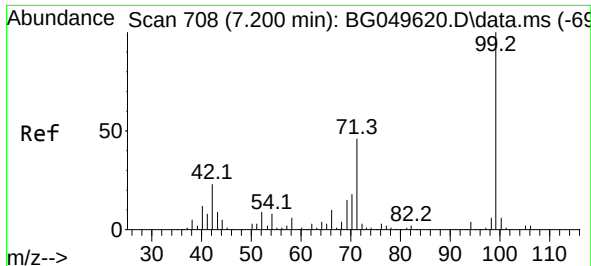
Tgt Ion:152 Resp: 28401
Ion Ratio Lower Upper
152 100
150 135.7 119.4 179.0
115 60.7 60.2 90.4



#5
2-Fluorophenol
Concen: 75.558 ng
RT: 5.590 min Scan# 434
Delta R.T. -0.000 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion:112 Resp: 119710
Ion Ratio Lower Upper
112 100
64 67.3 46.7 70.1
63 42.2 35.3 52.9

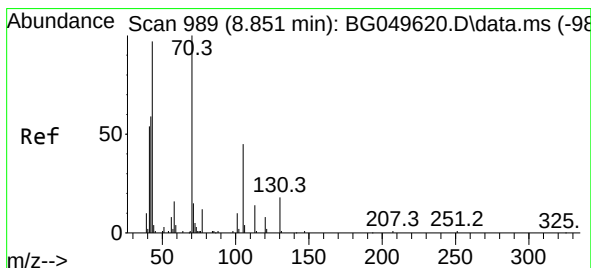
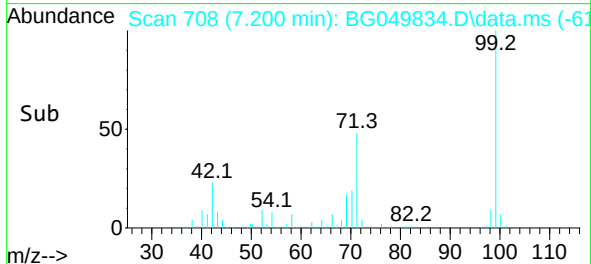
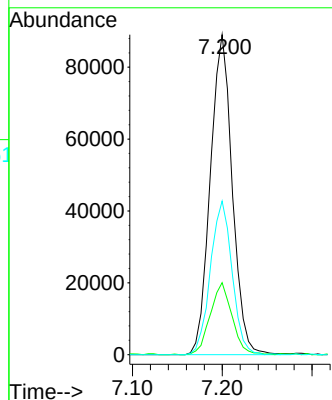
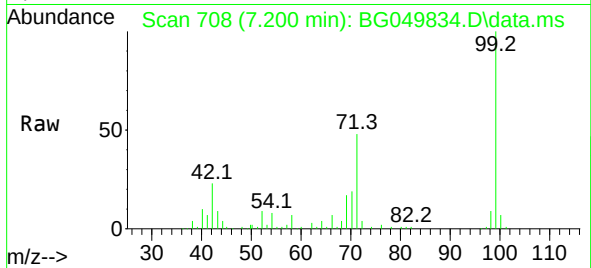




#7
Phenol-d6
Concen: 63.047 ng
RT: 7.200 min Scan# 708
Delta R.T. -0.000 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

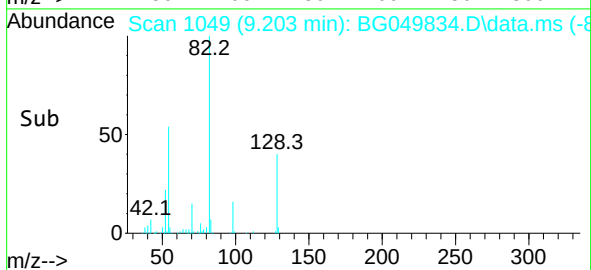
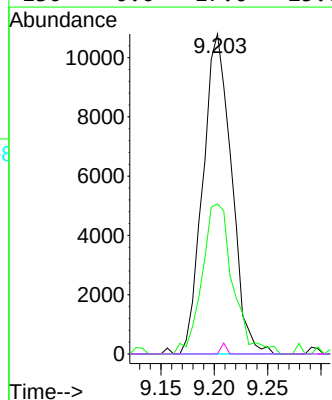
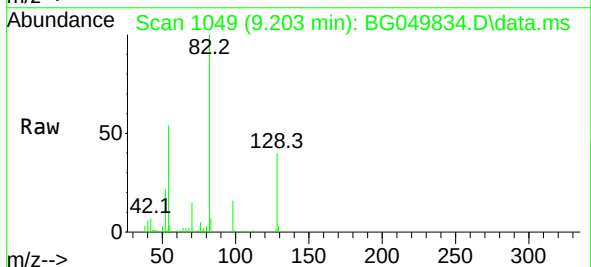
Instrument :
BNA_G
ClientSampleId :
LPA-1

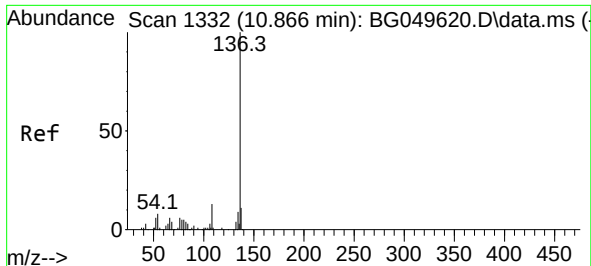
Tgt Ion: 99 Resp: 151205
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 48.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.509 ng
RT: 9.203 min Scan# 1049
Delta R.T. 0.352 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion: 70 Resp: 20075
Ion Ratio Lower Upper
70 100
42 46.9 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

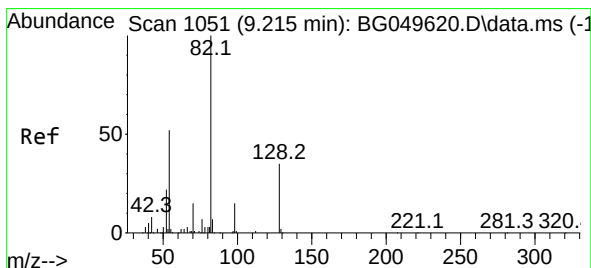
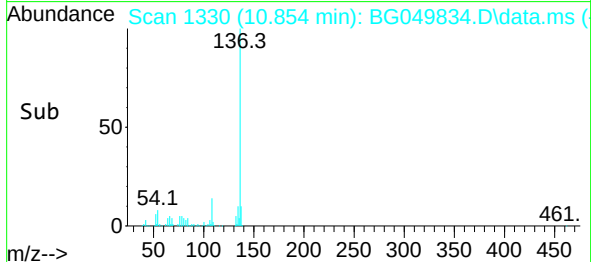
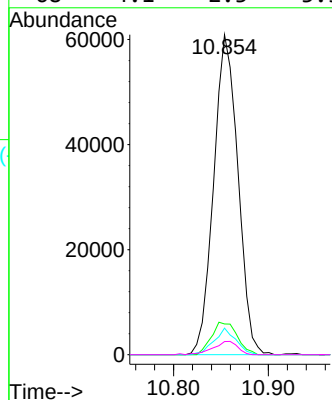
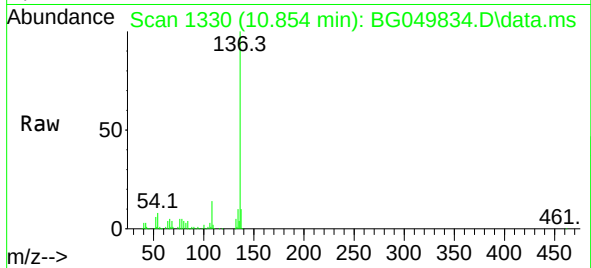




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.854 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

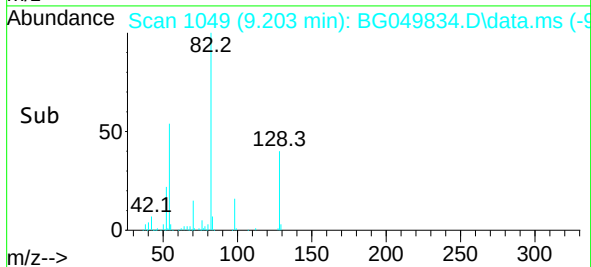
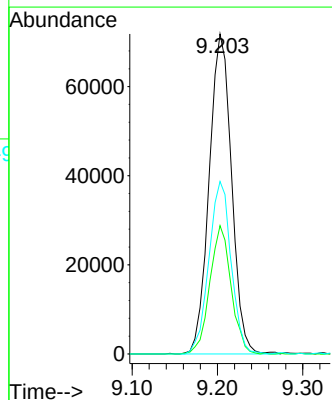
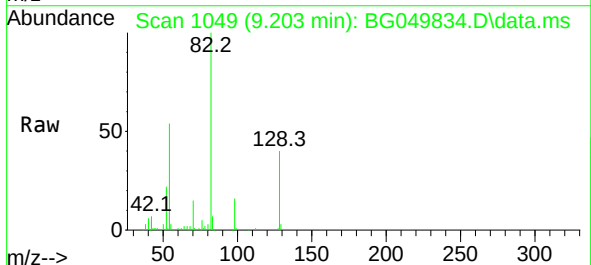
Instrument :
BNA_G
ClientSampleId :
LPA-1

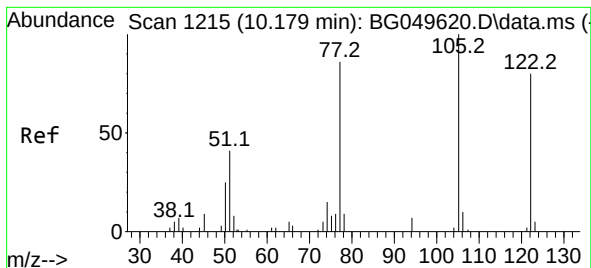
Tgt Ion:	136	Resp:	108250
Ion Ratio	Lower	Upper	
136	100		
137	9.6	8.2	12.2
54	8.3	5.5	8.3#
68	4.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 53.632 ng
RT: 9.203 min Scan# 1049
Delta R.T. -0.012 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion:	82	Resp:	131197
Ion Ratio	Lower	Upper	
82	100		
128	40.1	29.8	44.6
54	53.9	45.8	68.8

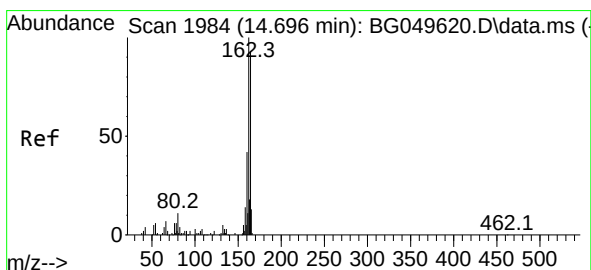
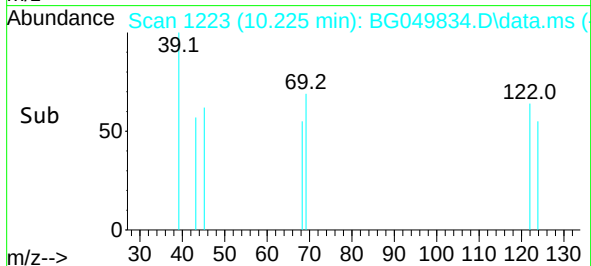
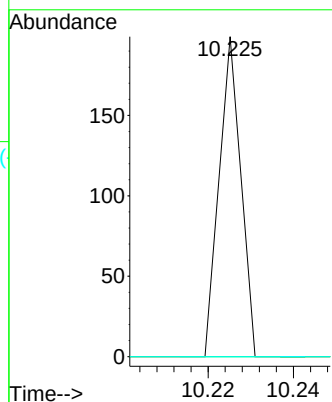
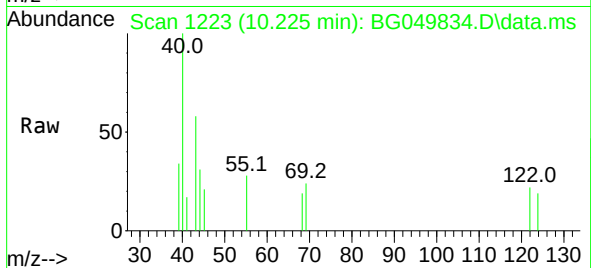




#32
Benzoic acid
Concen: 5.008 ng
RT: 10.225 min Scan# 1223
Delta R.T. 0.046 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

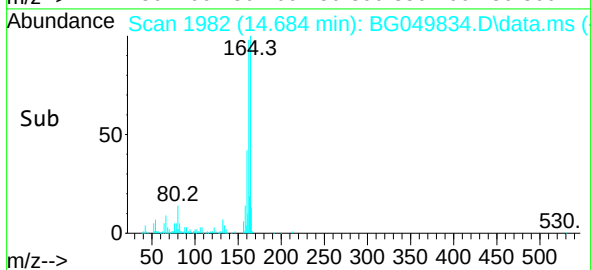
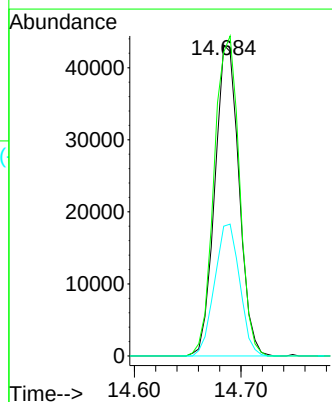
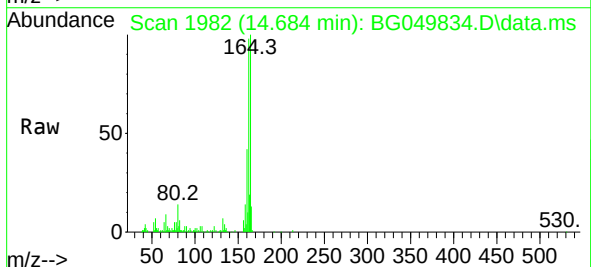
Instrument :
BNA_G
ClientSampleId :
LPA-1

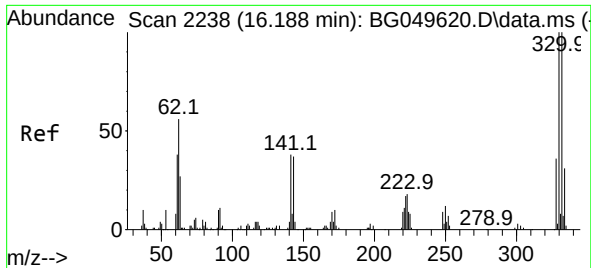
Tgt Ion:122 Resp: 70
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.684 min Scan# 1982
Delta R.T. -0.012 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion:164 Resp: 67917
Ion Ratio Lower Upper
164 100
162 97.6 81.4 122.0
160 41.7 34.9 52.3

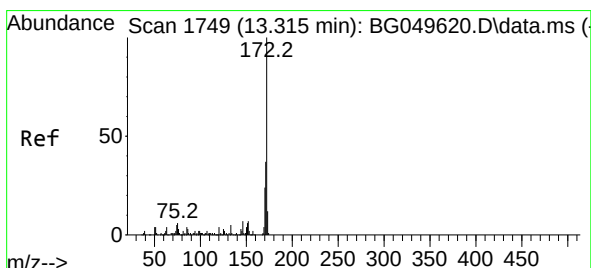
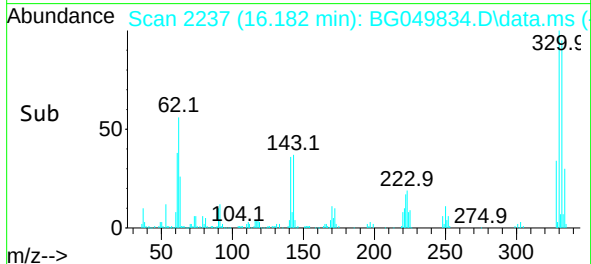
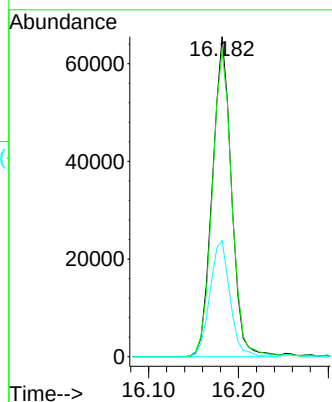
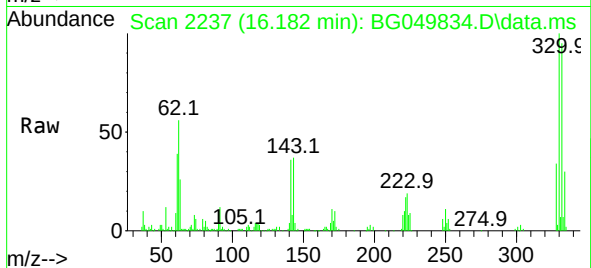




#42
2,4,6-Tribromophenol
Concen: 96.845 ng
RT: 16.182 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

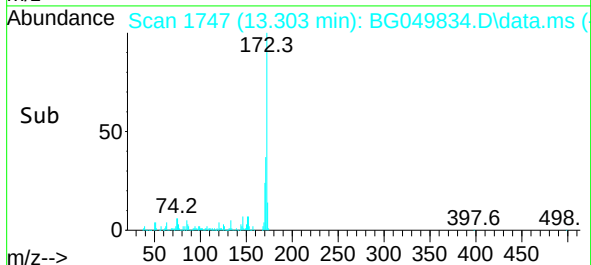
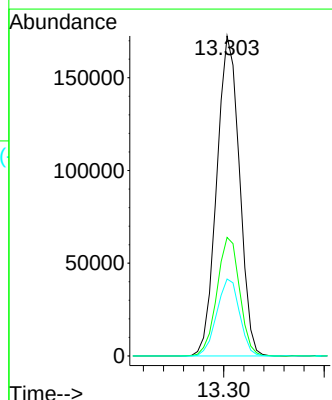
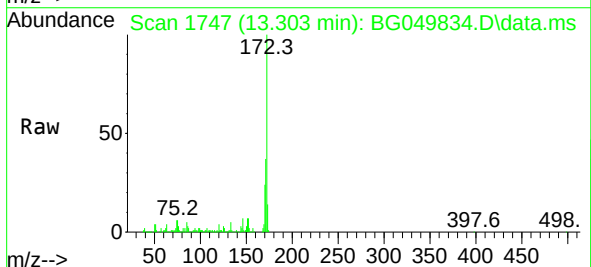
Instrument :
BNA_G
ClientSampleId :
LPA-1

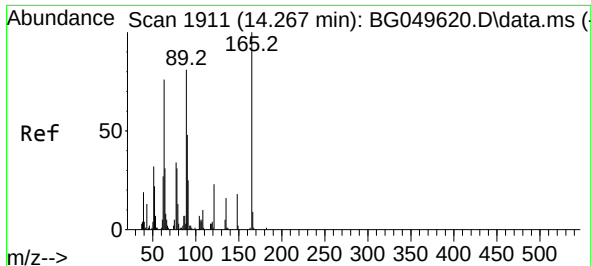
Tgt Ion:330 Resp: 96679
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 38.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 57.872 ng
RT: 13.303 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion:172 Resp: 270121
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.1 18.6 27.8

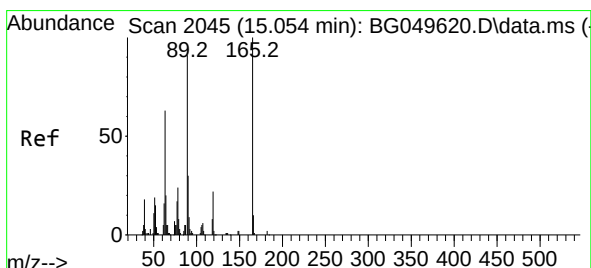
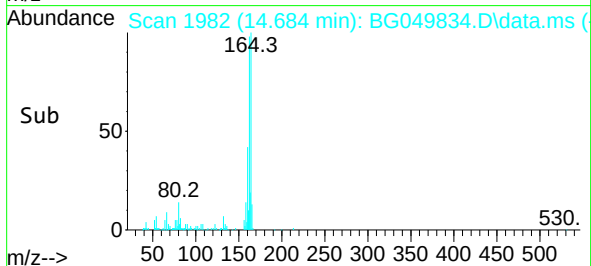
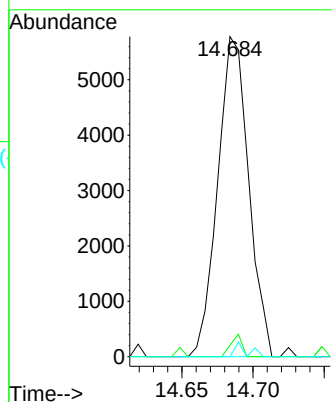
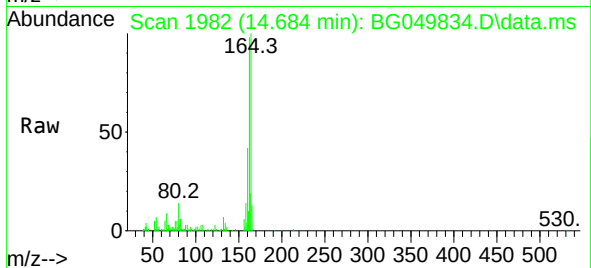




#51
2,6-Dinitrotoluene
Concen: 7.756 ng
RT: 14.684 min Scan# 1982
Delta R.T. 0.417 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

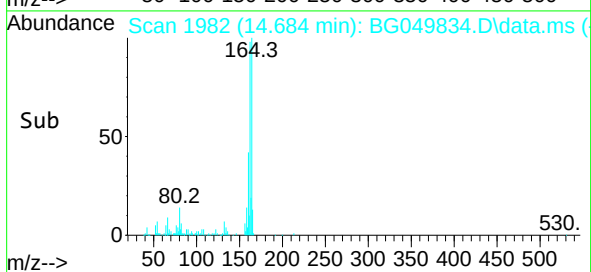
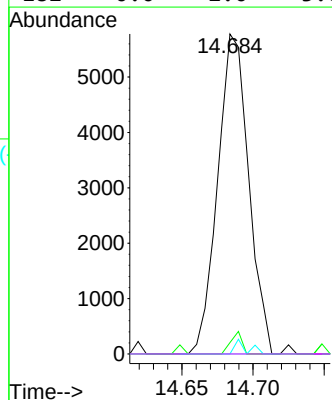
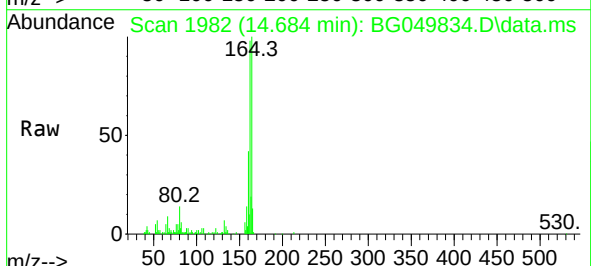
Instrument :
BNA_G
ClientSampled :
LPA-1

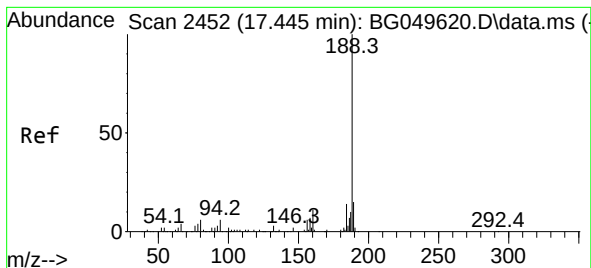
Tgt Ion:165 Resp: 8750
Ion Ratio Lower Upper
165 100
63 3.5 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.522 ng
RT: 14.684 min Scan# 1982
Delta R.T. -0.370 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion:165 Resp: 8750
Ion Ratio Lower Upper
165 100
63 3.5 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

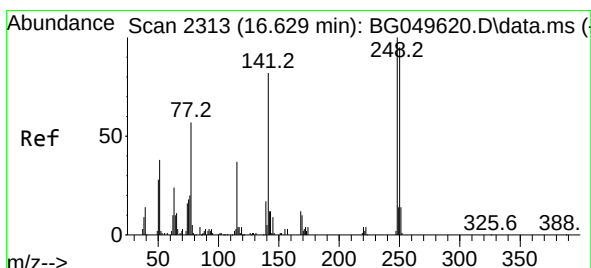
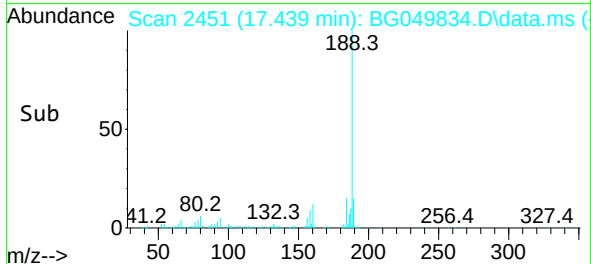
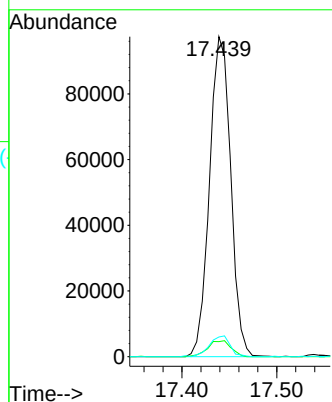
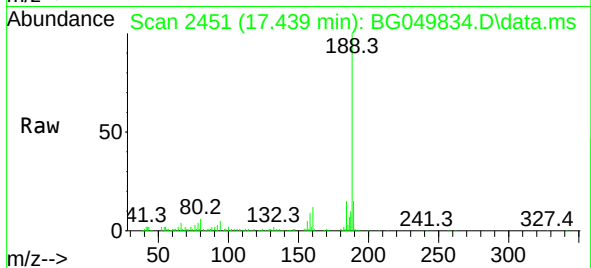




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

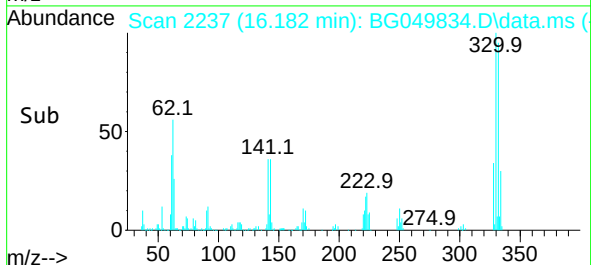
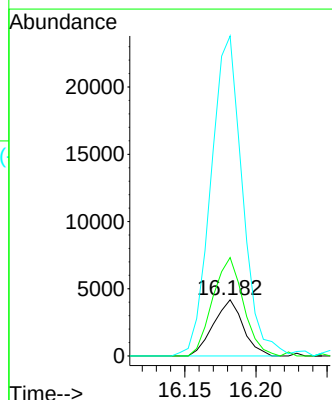
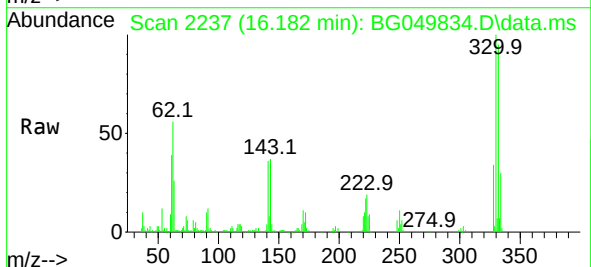
Instrument :
BNA_G
ClientSampleId :
LPA-1

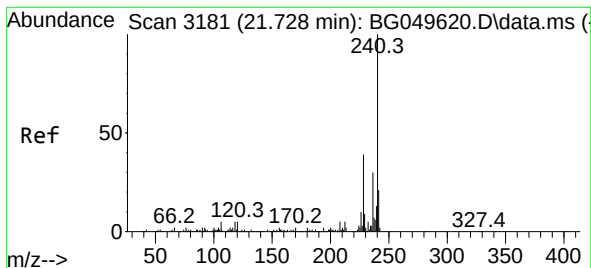
Tgt Ion:188 Resp: 151309
Ion Ratio Lower Upper
188 100
94 4.7 5.4 8.0#
80 6.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.407 ng
RT: 16.182 min Scan# 2237
Delta R.T. -0.447 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion:248 Resp: 6071
Ion Ratio Lower Upper
248 100
250 175.1 76.1 114.1#
141 569.7 65.4 98.2#

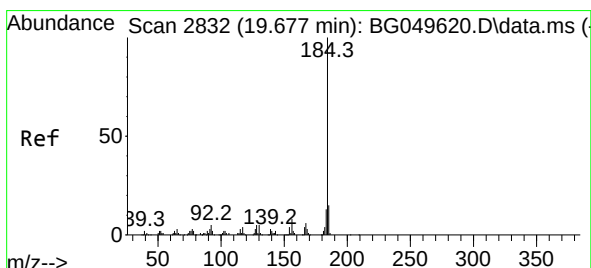
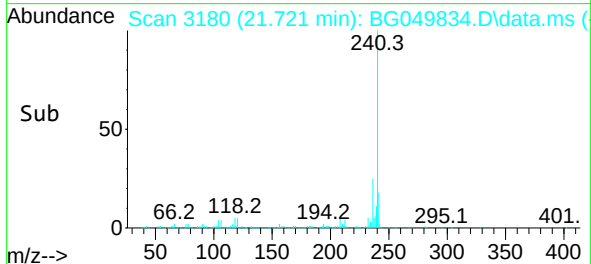
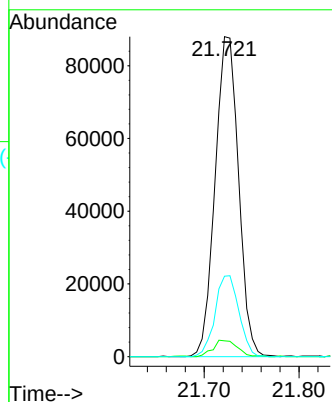
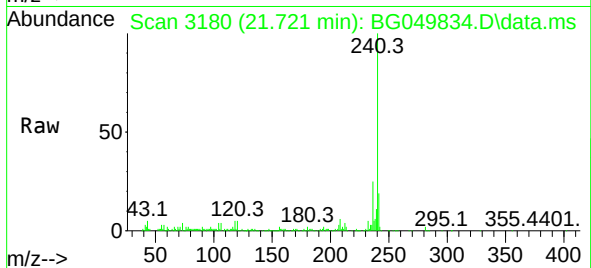




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

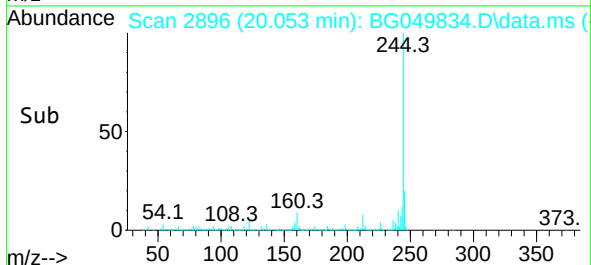
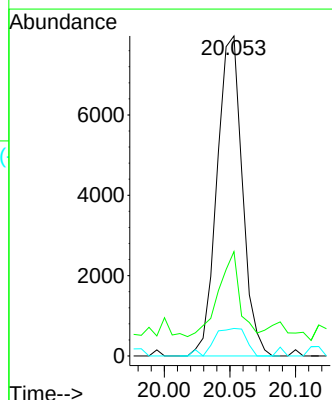
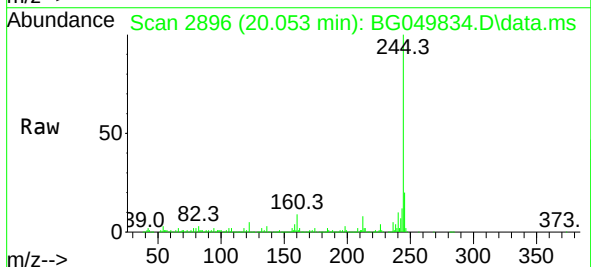
Instrument :
BNA_G
ClientSampleId :
LPA-1

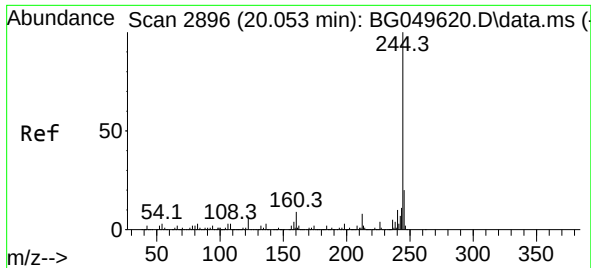
Tgt Ion:240 Resp: 151392
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 25.1 21.8 32.6



#77
Benzidine
Concen: 2.748 ng
RT: 20.053 min Scan# 2896
Delta R.T. 0.376 min
Lab File: BG049834.D
Acq: 13 Aug 2021 14:30

Tgt Ion:184 Resp: 10658
Ion Ratio Lower Upper
184 100
185 32.6 10.7 16.1#
183 8.6 9.4 14.0#

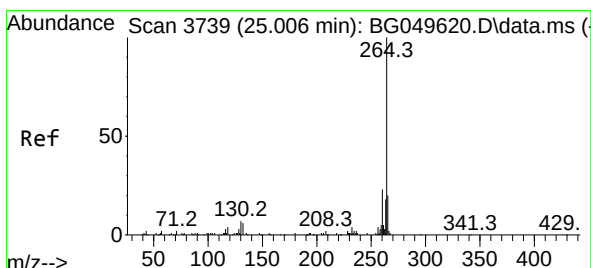
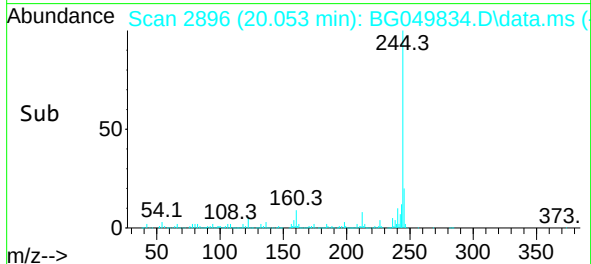
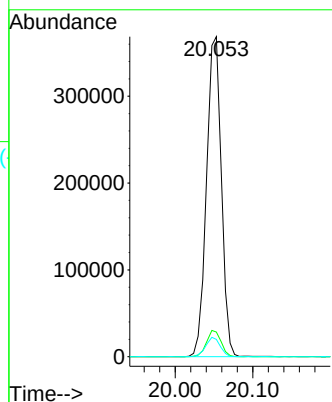
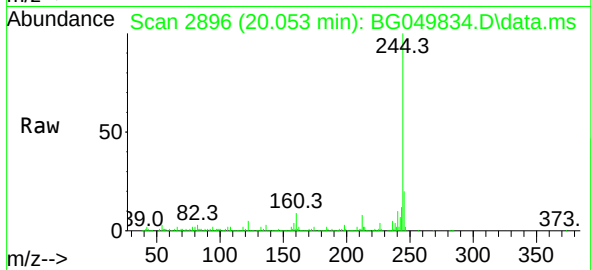




#79
 Terphenyl-d14
 Concen: 58.718 ng
 RT: 20.053 min Scan# 2896
 Delta R.T. -0.000 min
 Lab File: BG049834.D
 Acq: 13 Aug 2021 14:30

Instrument :
 BNA_G
 ClientSampleId :
 LPA-1

Tgt Ion:244	Resp:	489451
Ion Ratio	Lower	Upper
244	100	
212	7.7	6.9 10.3
122	5.4	5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.005 min Scan# 3739
 Delta R.T. -0.000 min
 Lab File: BG049834.D
 Acq: 13 Aug 2021 14:30

Tgt Ion:264	Resp:	159631
Ion Ratio	Lower	Upper
264	100	
260	23.8	19.4 29.2
265	21.5	16.9 25.3

