

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049855.D
 Acq On : 16 Aug 2021 18:24
 Operator : CG/JU
 Sample : M3408-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 33S

Quant Time: Aug 17 04:41:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

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

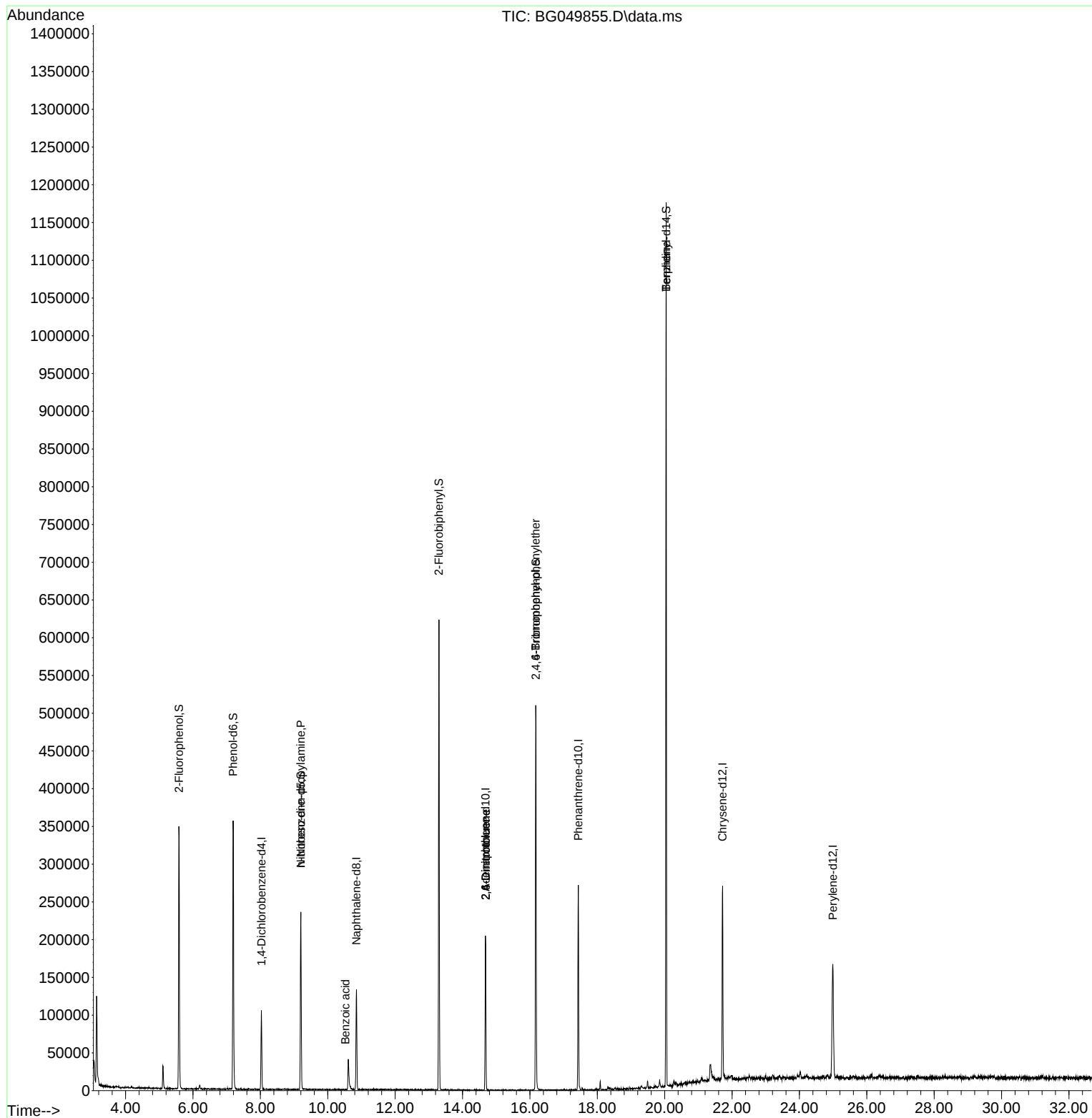
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.031	152	27937	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	109334	20.000	ng	# 0.00
39) Acenaphthene-d10	14.681	164	73517	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	165805	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	159823	20.000	ng	0.00
86) Perylene-d12	24.991	264	166618	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	143961	92.374	ng	0.00
7) Phenol-d6	7.191	99	195126	82.712	ng	0.00
23) Nitrobenzene-d5	9.200	82	143830	58.213	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	104372	96.587	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	307385	60.839	ng	0.00
79) Terphenyl-d14	20.044	244	539795	61.341	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.200	70	22258	14.099	ng	# 68
32) Benzoic acid	10.522	122	57	4.996	ng	# 1
51) 2,6-Dinitrotoluene	14.687	165	9939	8.138	ng	# 10
57) 2,4-Dinitrotoluene	14.687	165	9939	5.794	ng	# 15
67) 4-Bromophenyl-phenylether	16.173	248	6371	3.263	ng	# 1
77) Benzidine	20.044	184	10089	2.464	ng	# 91

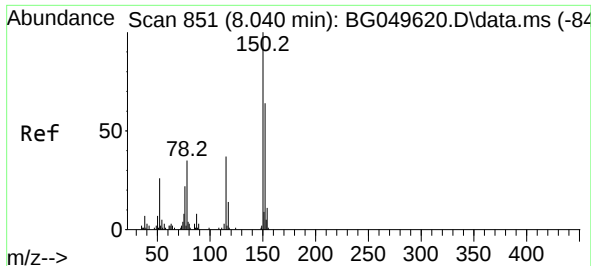
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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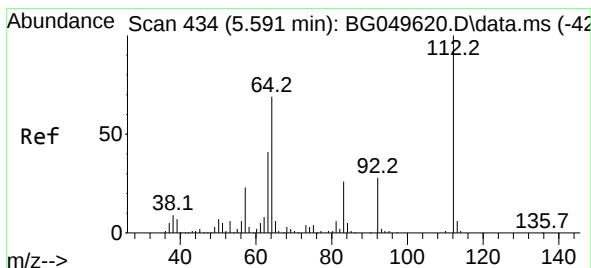
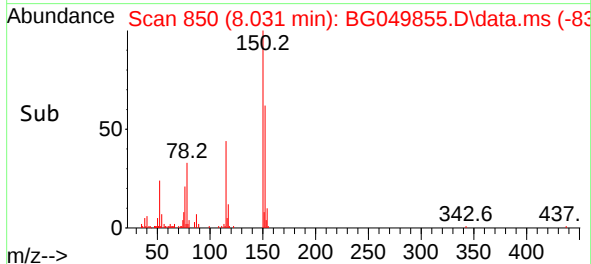
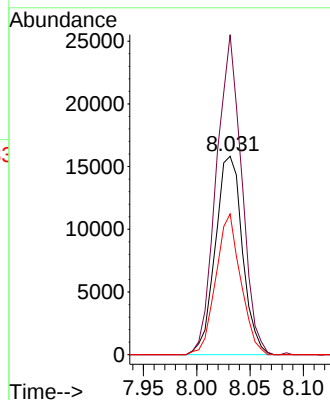
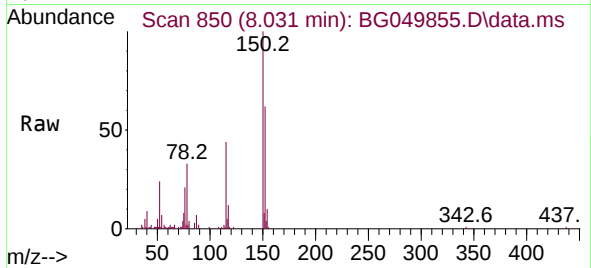




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.031 min Scan# 850
Delta R.T. 0.003 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

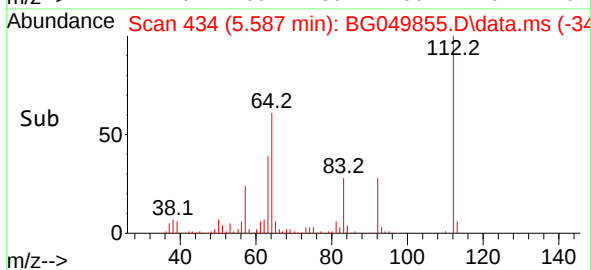
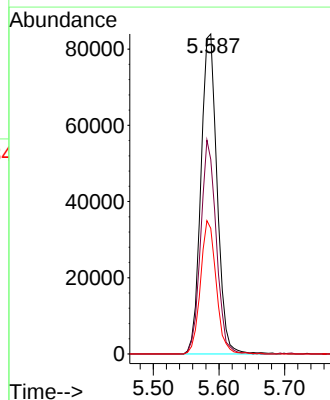
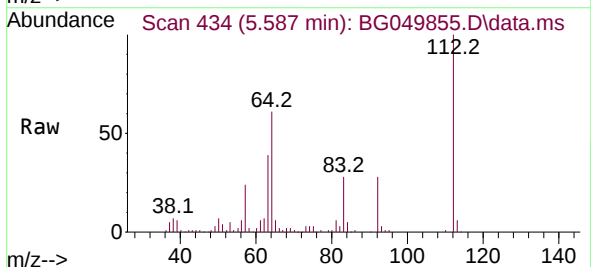
Instrument :
BNA_G
ClientSampleId :
33S

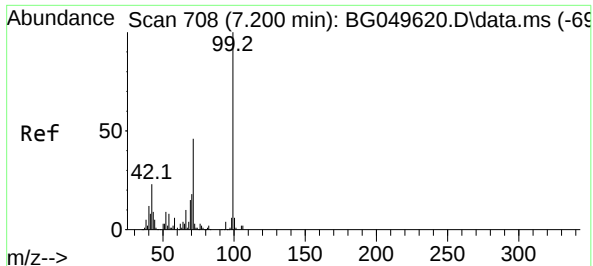
Tgt Ion:152 Resp: 27937
Ion Ratio Lower Upper
152 100
150 161.3 119.4 179.0
115 71.0 60.2 90.4



#5
2-Fluorophenol
Concen: 92.374 ng
RT: 5.587 min Scan# 434
Delta R.T. 0.009 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

Tgt Ion:112 Resp: 143961
Ion Ratio Lower Upper
112 100
64 60.8 46.7 70.1
63 39.2 35.3 52.9

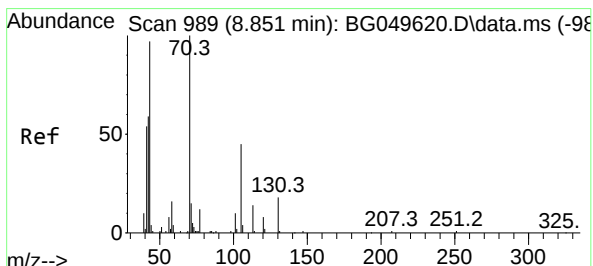
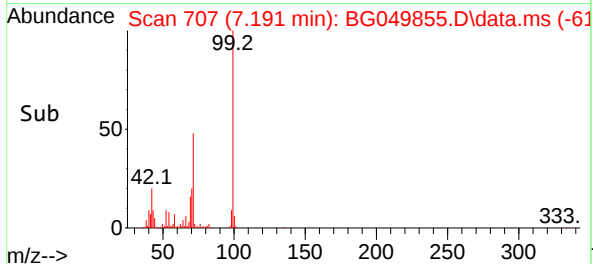
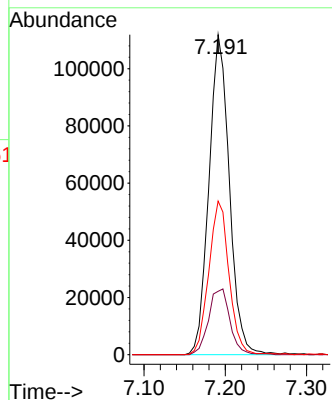
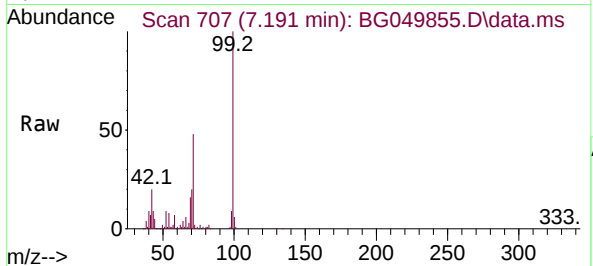




#7
Phenol-d6
Concen: 82.712 ng
RT: 7.191 min Scan# 707
Delta R.T. -0.003 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

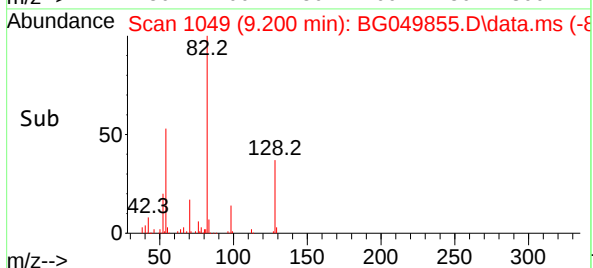
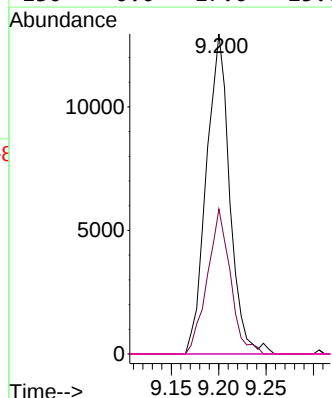
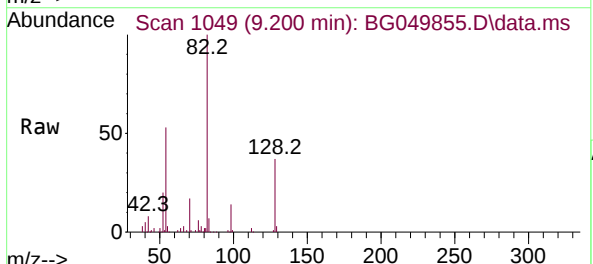
Instrument :
BNA_G
ClientSampleId :
33S

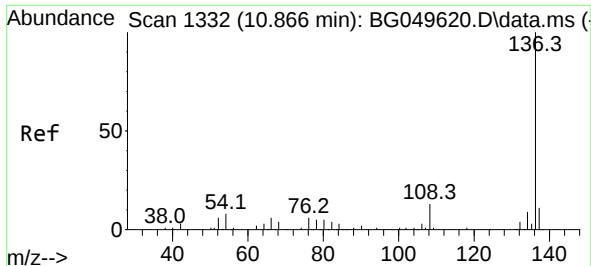
Tgt Ion: 99 Resp: 195126
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 48.0 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.099 ng
RT: 9.200 min Scan# 1049
Delta R.T. 0.362 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

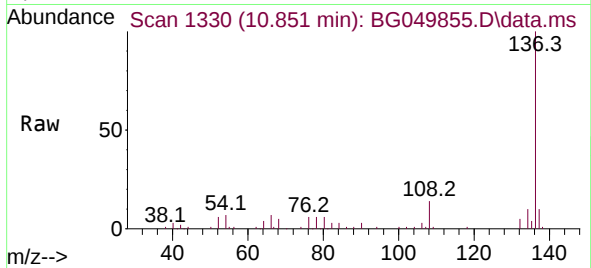
Tgt Ion: 70 Resp: 22258
Ion Ratio Lower Upper
70 100
42 45.3 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#



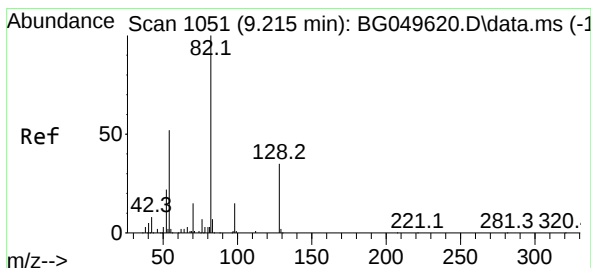
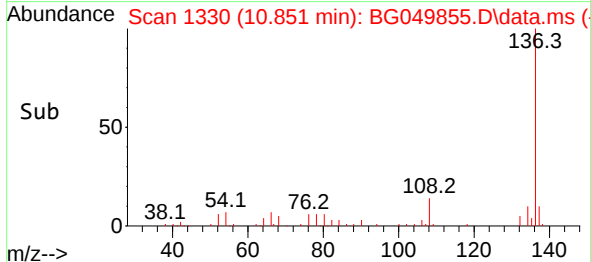
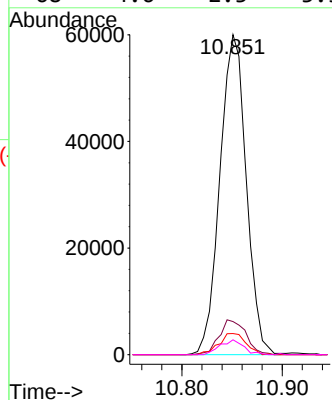


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1330
Delta R.T. 0.003 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

Instrument :
BNA_G
ClientSampled :
33S

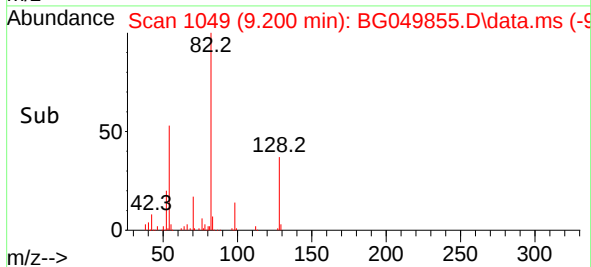
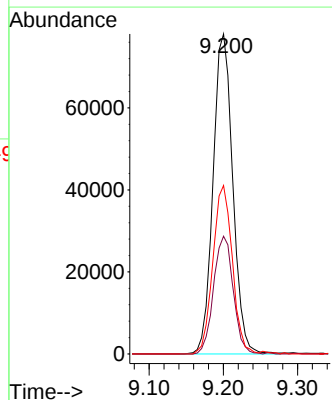
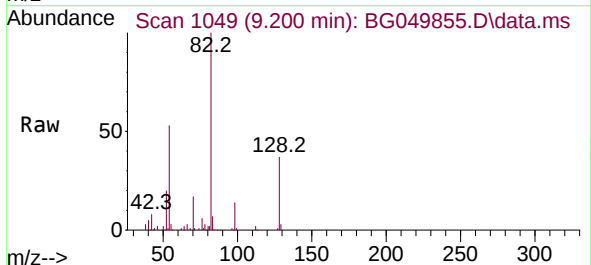


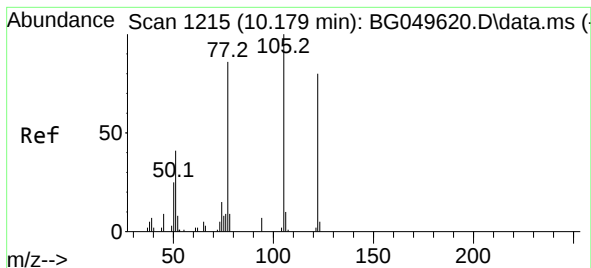
Tgt Ion:	136	Resp:	109334
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.2	12.2
54	6.6	5.5	8.3
68	4.6	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 58.213 ng
RT: 9.200 min Scan# 1049
Delta R.T. 0.003 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

Tgt Ion:	82	Resp:	143830
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.8	44.6
54	52.7	45.8	68.8

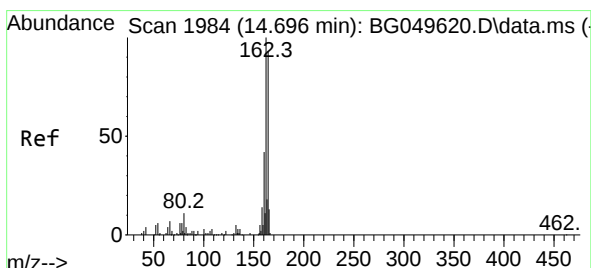
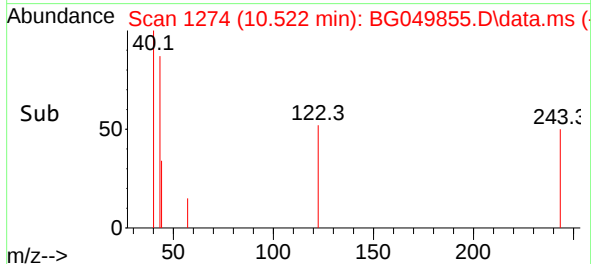
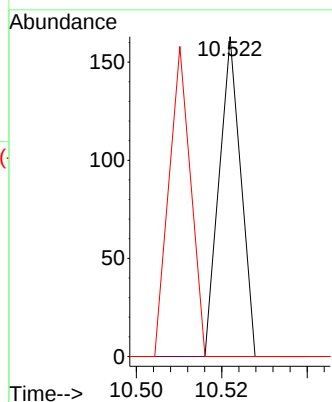
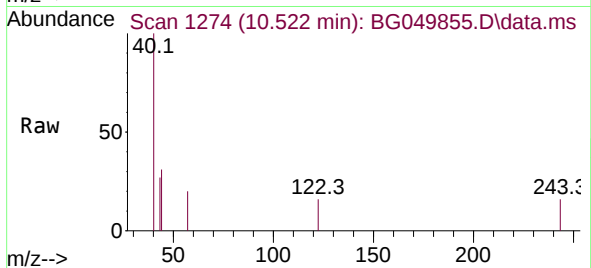




#32
Benzoic acid
Concen: 4.996 ng
RT: 10.522 min Scan# 1274
Delta R.T. 0.356 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

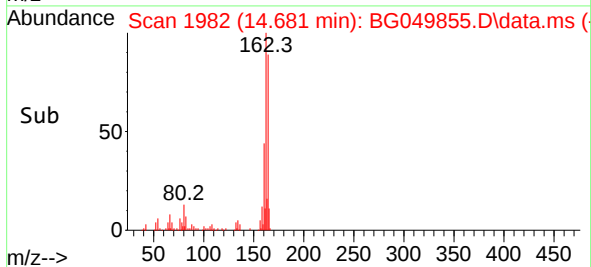
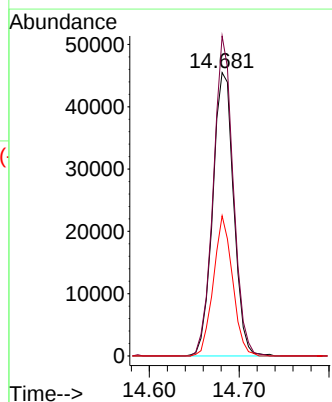
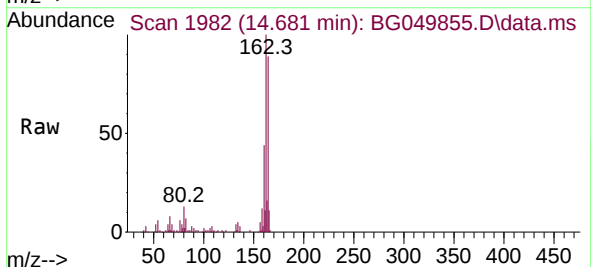
Instrument :
BNA_G
ClientSampleId :
33S

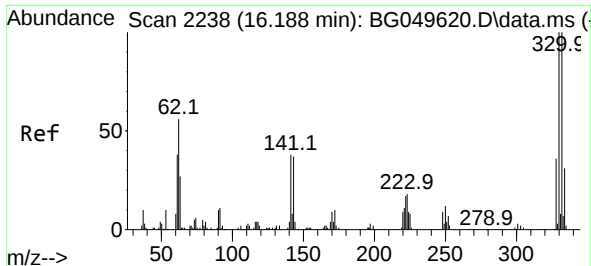
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

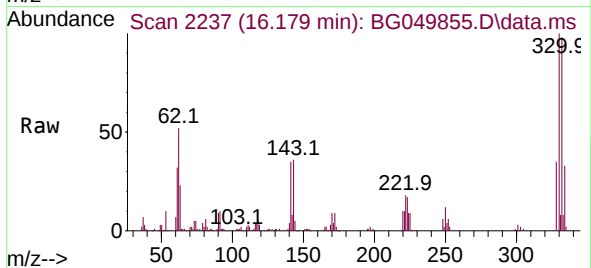
Tgt Ion:164 Resp: 73517
Ion Ratio Lower Upper
164 100
162 112.9 81.4 122.0
160 49.4 34.9 52.3



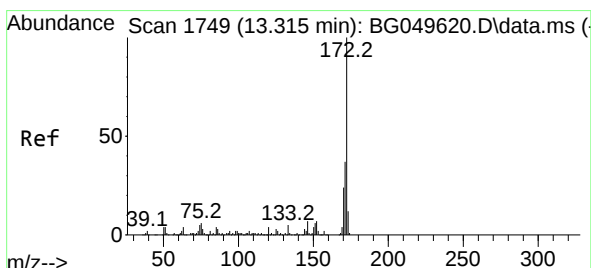
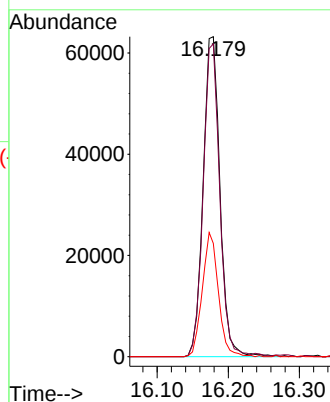
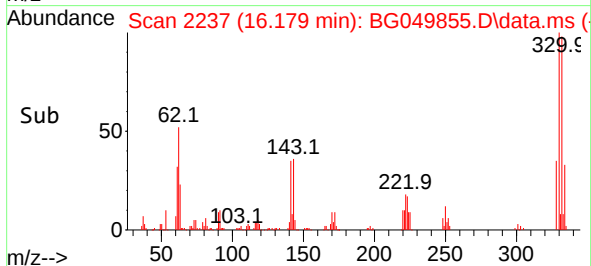


#42
2,4,6-Tribromophenol
Concen: 96.587 ng
RT: 16.179 min Scan# 2237
Delta R.T. 0.003 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

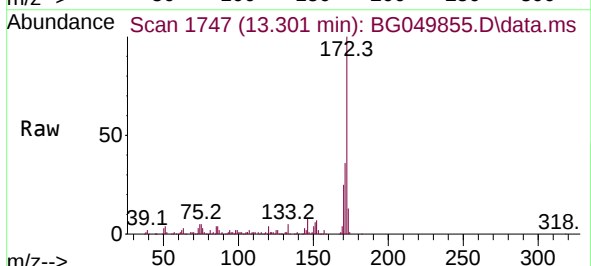
Instrument :
BNA_G
ClientSampled :
33S



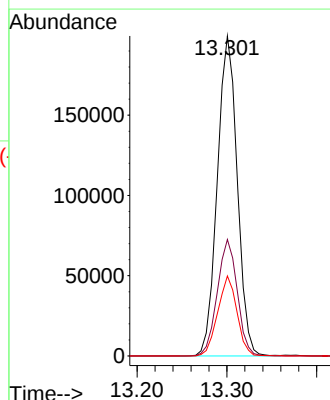
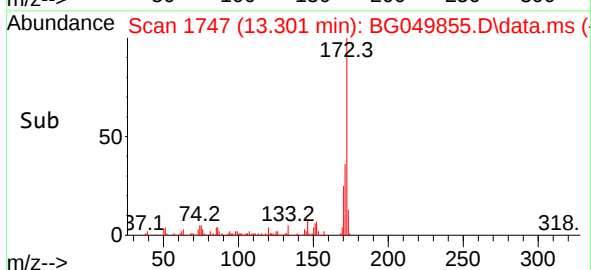
Tgt Ion:330 Resp: 104372
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 37.1 35.6 53.4

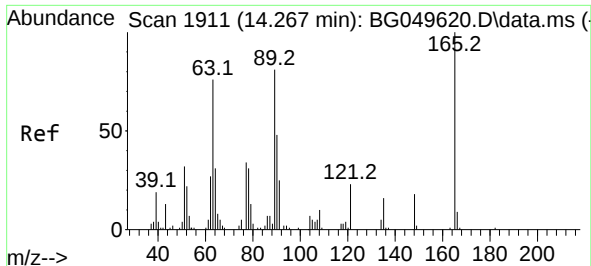


#45
2-Fluorobiphenyl
Concen: 60.839 ng
RT: 13.301 min Scan# 1747
Delta R.T. -0.003 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24



Tgt Ion:172 Resp: 307385
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 25.0 18.6 27.8

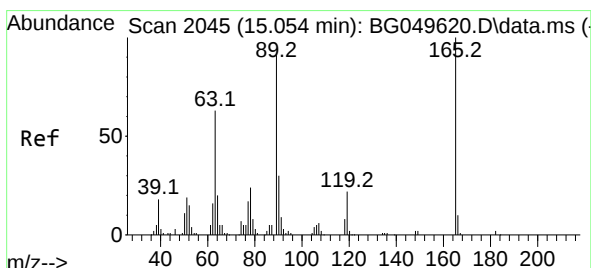
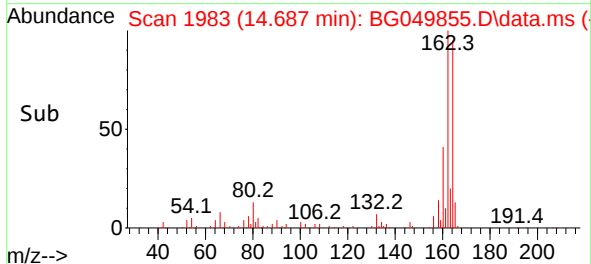
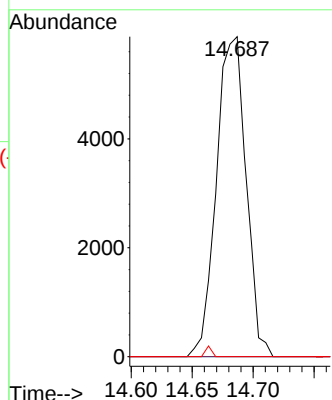
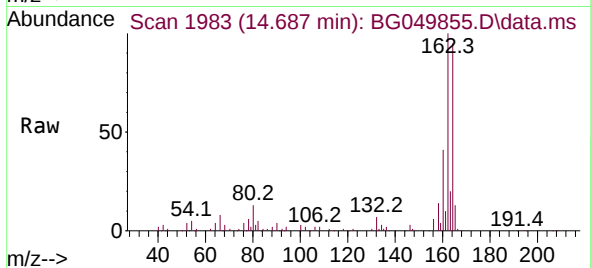




#51
2,6-Dinitrotoluene
Concen: 8.138 ng
RT: 14.687 min Scan# 1983
Delta R.T. 0.432 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

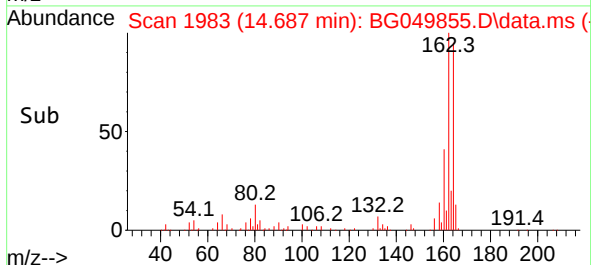
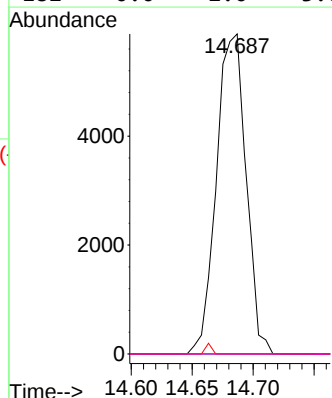
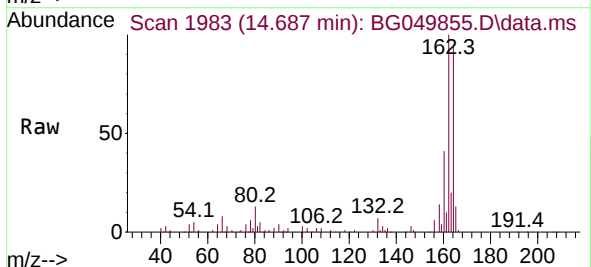
Instrument :
BNA_G
ClientSampled :
33S

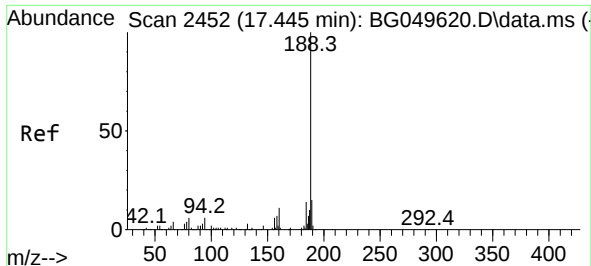
Tgt Ion:165 Resp: 9939
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.794 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.361 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

Tgt Ion:165 Resp: 9939
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#

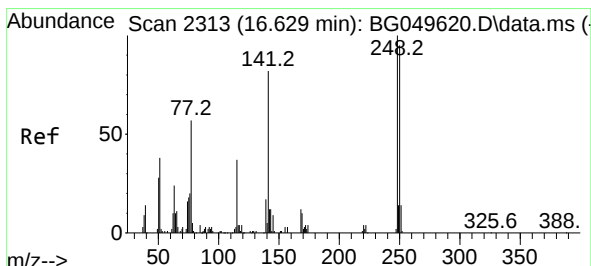
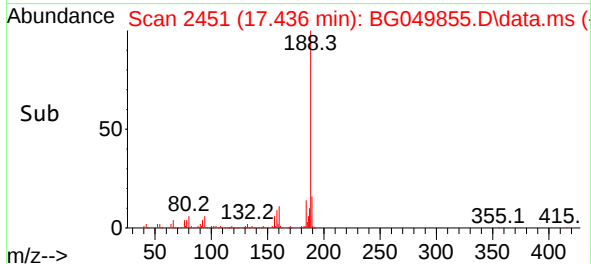
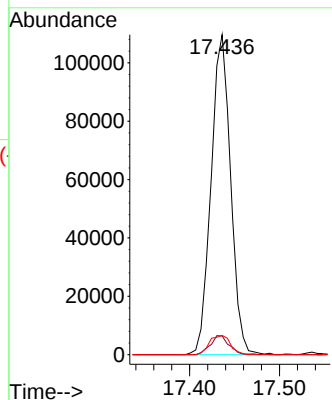
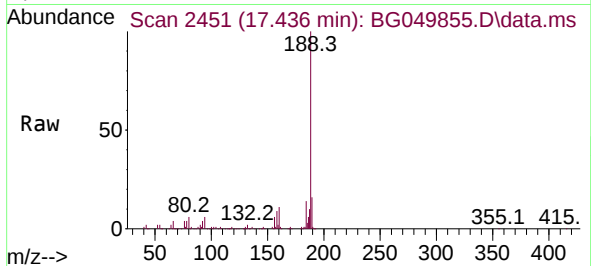




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2451
Delta R.T. -0.003 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

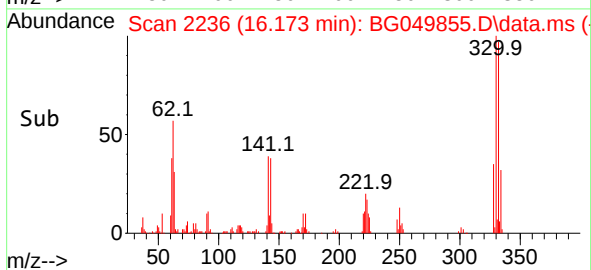
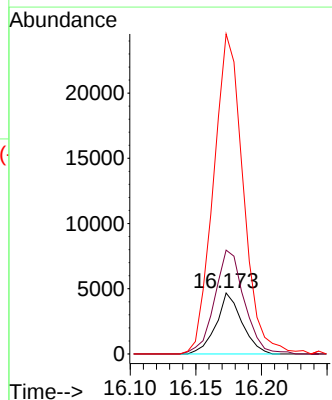
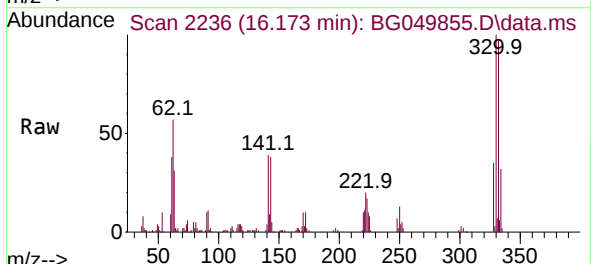
Instrument :
BNA_G
ClientSampleId :
33S

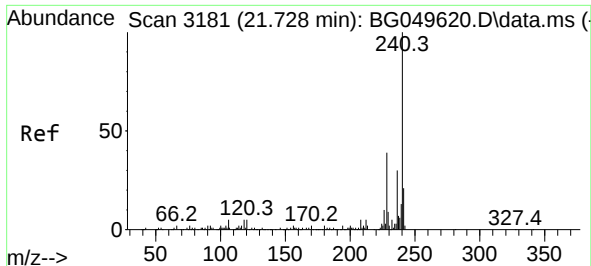
Tgt Ion:188 Resp: 165805
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 6.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.263 ng
RT: 16.173 min Scan# 2236
Delta R.T. -0.443 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

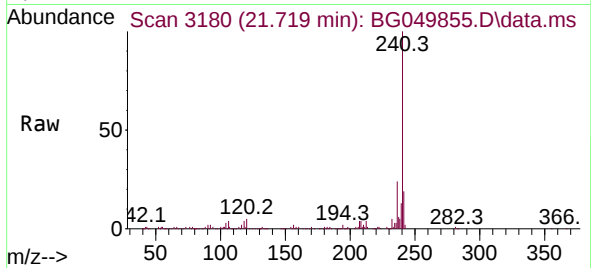
Tgt Ion:248 Resp: 6371
Ion Ratio Lower Upper
248 100
250 170.3 76.1 114.1#
141 524.6 65.4 98.2#



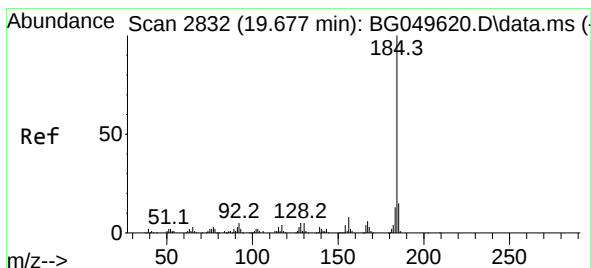
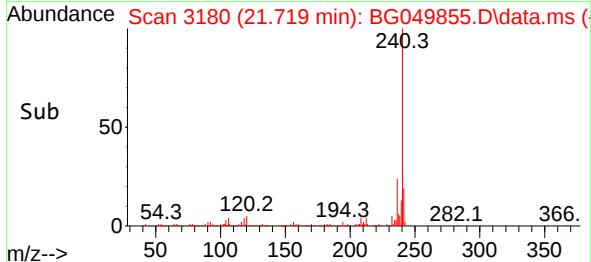
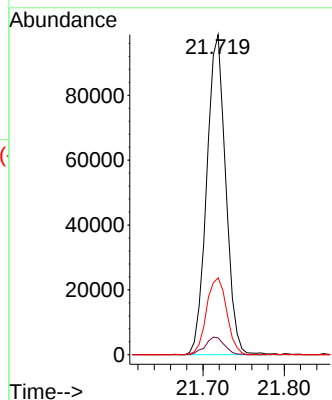


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

Instrument :
BNA_G
ClientSampleId :
33S

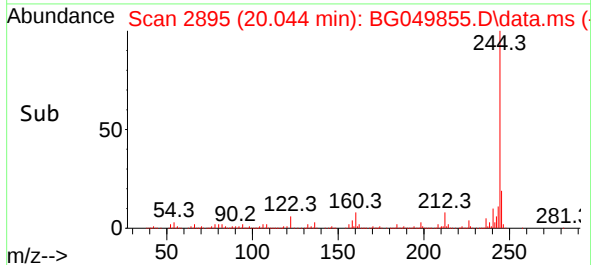
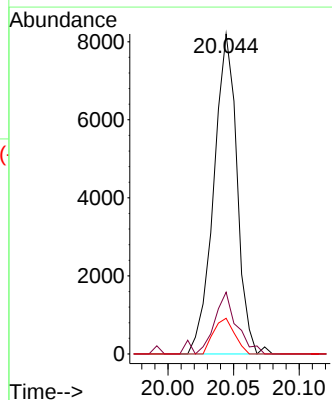
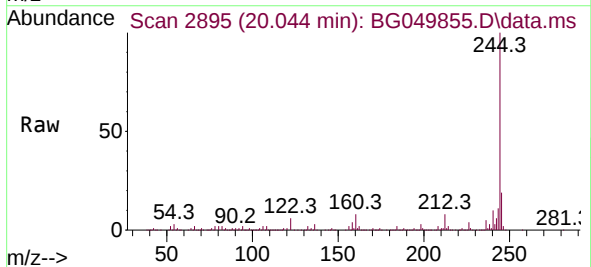


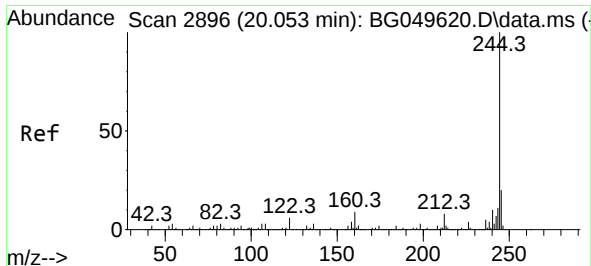
Tgt Ion:240 Resp: 159823
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 24.0 21.8 32.6



#77
Benzidine
Concen: 2.464 ng
RT: 20.044 min Scan# 2895
Delta R.T. 0.379 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

Tgt Ion:184 Resp: 10089
Ion Ratio Lower Upper
184 100
185 19.3 10.7 16.1#
183 11.2 9.4 14.0

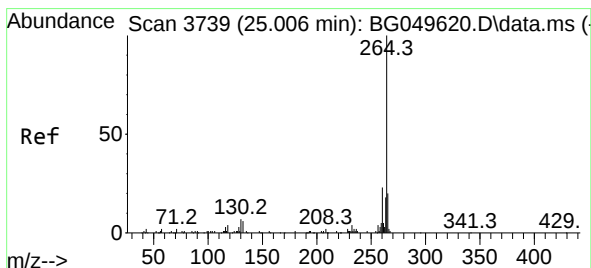
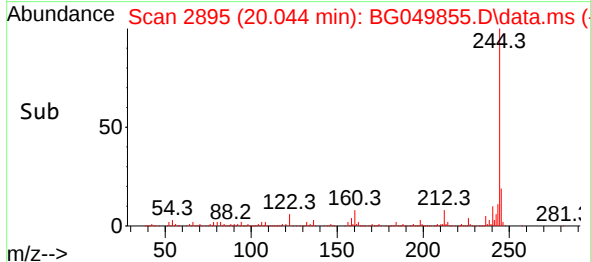
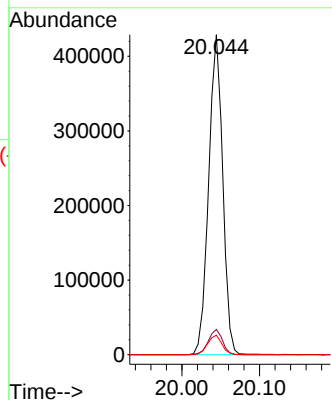
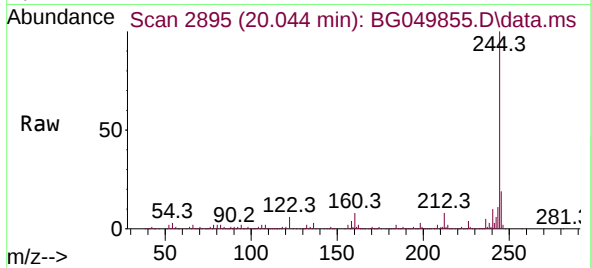




#79
Terphenyl-d14
Concen: 61.341 ng
RT: 20.044 min Scan# 2895
Delta R.T. -0.003 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

Instrument :
BNA_G
ClientSampleId :
33S

Tgt Ion:244 Resp: 539795
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 6.1 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.991 min Scan# 3737
Delta R.T. 0.003 min
Lab File: BG049855.D
Acq: 16 Aug 2021 18:24

Tgt Ion:264 Resp: 166618
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 23.7 16.9 25.3

