

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070821\
 Data File : BG049214.D
 Acq On : 8 Jul 2021 10:31
 Operator : CG/JU
 Sample : PB137554BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137554BL

Quant Time: Jul 08 12:12:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 06 10:59:02 2021
 Response via : Initial Calibration

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

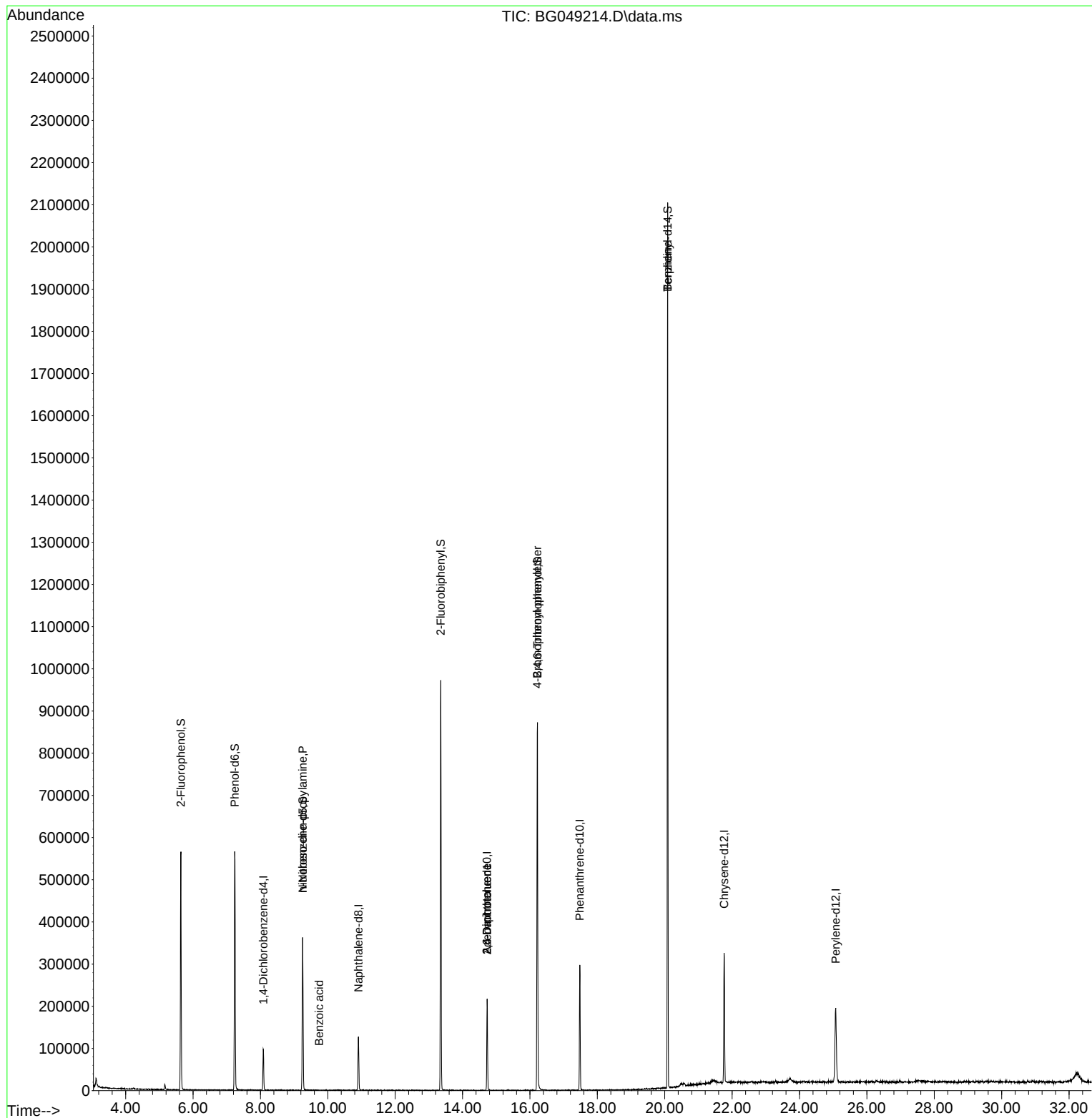
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.084	152	27695	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	107127	20.000	ng	# 0.00
39) Acenaphthene-d10	14.729	164	80812	20.000	ng	0.00
64) Phenanthrene-d10	17.479	188	196262	20.000	ng	# 0.00
76) Chrysene-d12	21.762	240	205936	20.000	ng	0.00
86) Perylene-d12	25.076	264	206733	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	223801	126.570	ng	0.00
7) Phenol-d6	7.238	99	289915	115.002	ng	0.00
23) Nitrobenzene-d5	9.254	82	212359	84.045	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	189153	135.022	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	505833	84.448	ng	0.00
79) Terphenyl-d14	20.088	244	993988	81.789	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.254	70	31366	17.313	ng	# 73
32) Benzoic acid	9.747	122	55	6.312	ng	# 1
51) 2,6-Dinitrotoluene	14.729	165	10086	6.784	ng	# 10
57) 2,4-Dinitrotoluene	14.729	165	10086	4.776	ng	# 15
67) 4-Bromophenyl-phenylether	16.216	248	11632	4.393	ng	# 1
77) Benzidine	20.088	184	17857	4.037	ng	96

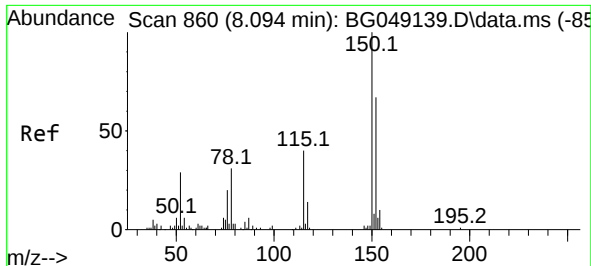
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 06 10:59:02 2021
Response via : Initial Calibration

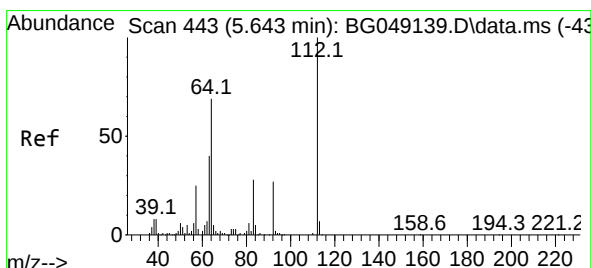
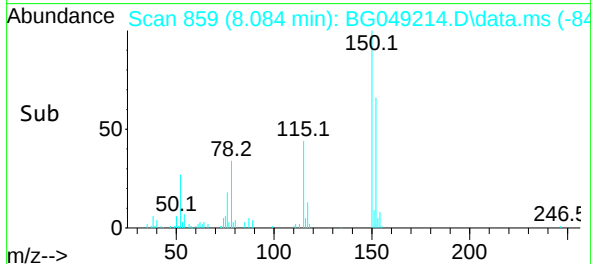
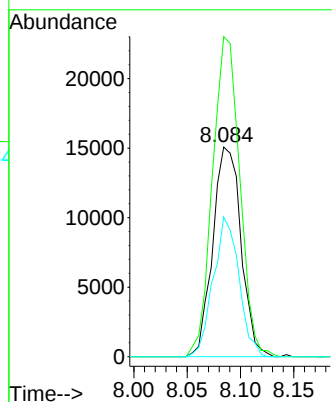
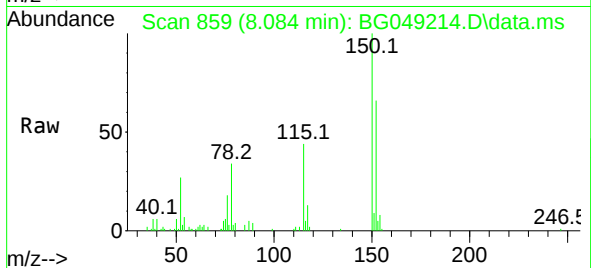




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.084 min Scan# 859
Delta R.T. -0.007 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

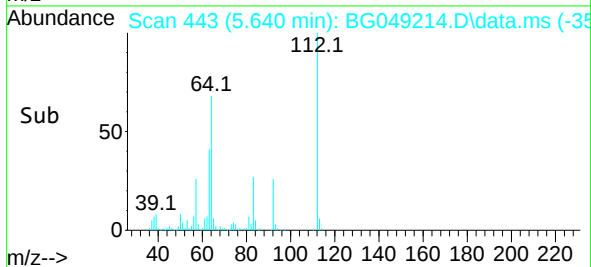
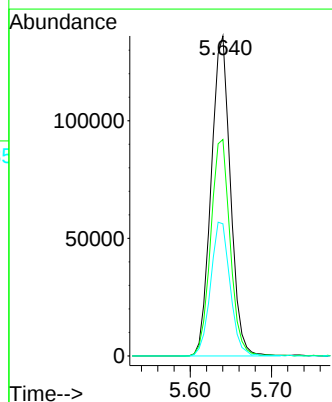
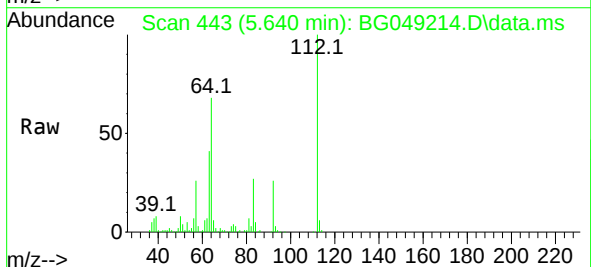
Instrument :
BNA_G
ClientSampleId :
PB137554BL

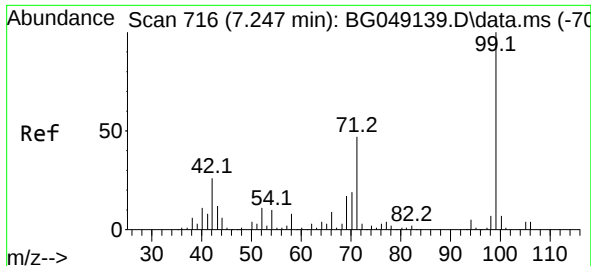
Tgt Ion:152 Resp: 27695
Ion Ratio Lower Upper
152 100
150 152.6 119.4 179.0
115 66.6 60.2 90.4



#5
2-Fluorophenol
Concen: 126.570 ng
RT: 5.640 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

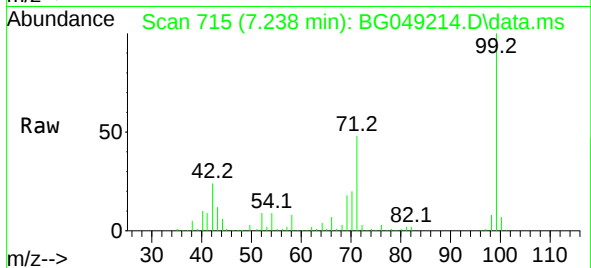
Tgt Ion:112 Resp: 223801
Ion Ratio Lower Upper
112 100
64 67.7 46.7 70.1
63 41.3 35.3 52.9



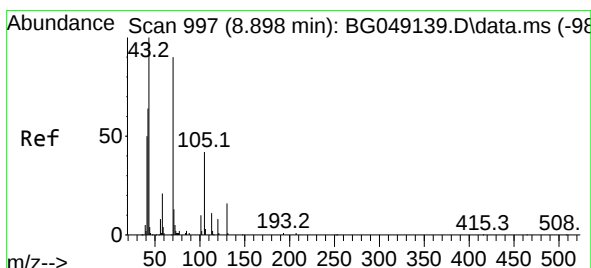
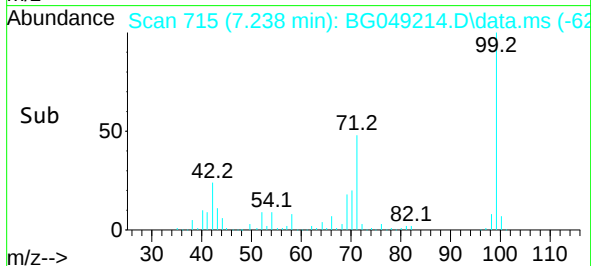
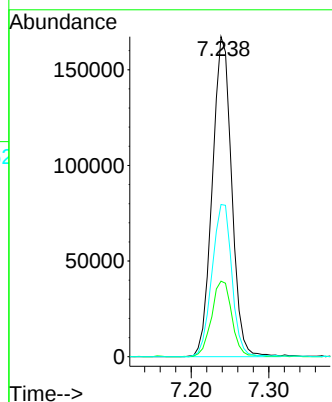


#7
Phenol-d6
Concen: 115.002 ng
RT: 7.238 min Scan# 715
Delta R.T. -0.000 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

Instrument :
BNA_G
ClientSampleId :
PB137554BL

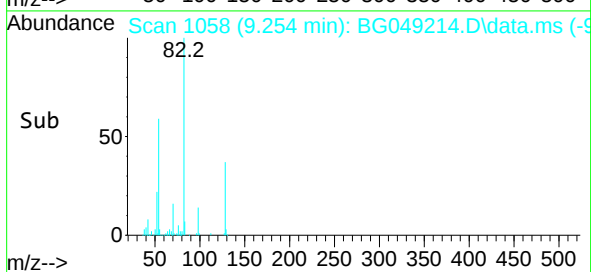
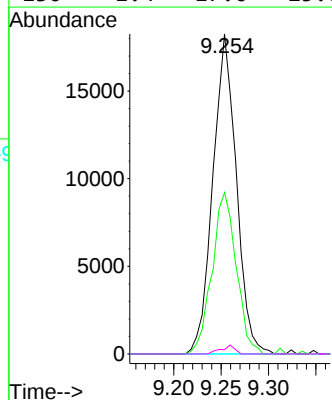
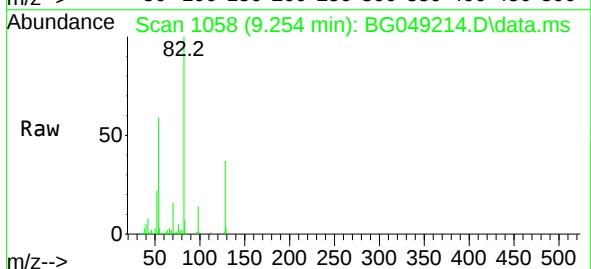


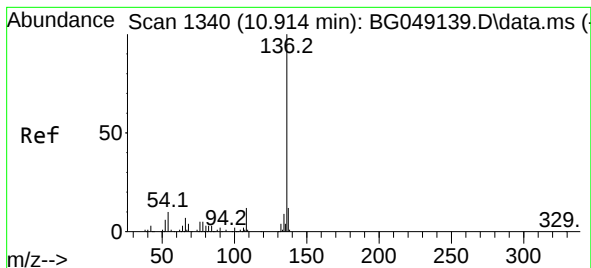
Tgt Ion: 99 Resp: 289915
Ion Ratio Lower Upper
99 100
42 23.6 20.5 30.7
71 47.6 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.313 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.358 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

Tgt Ion: 70 Resp: 31366
Ion Ratio Lower Upper
70 100
42 50.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

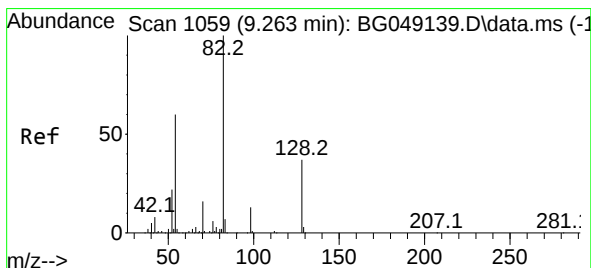
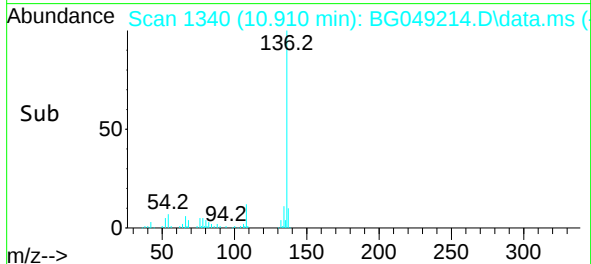
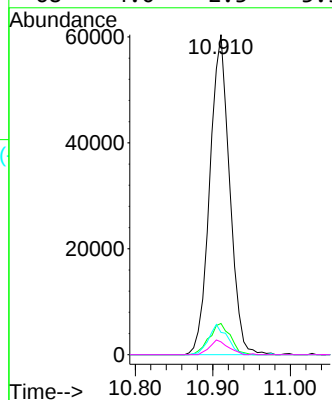
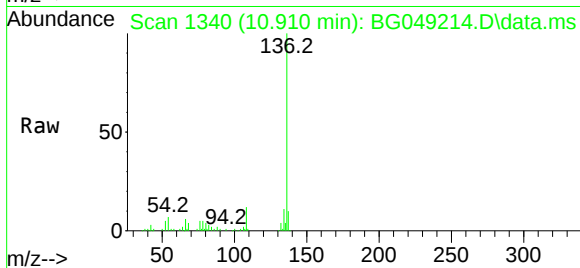




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

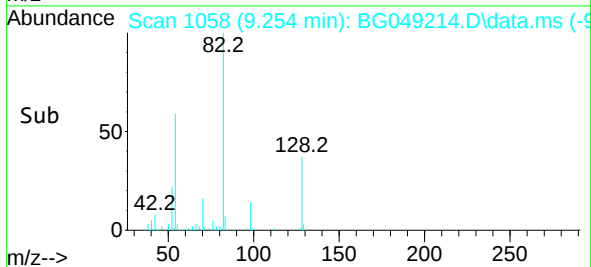
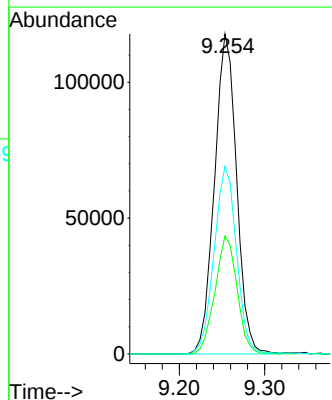
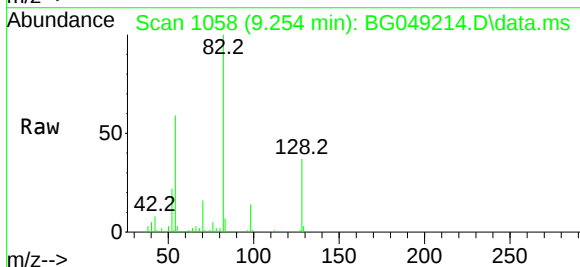
Instrument :
BNA_G
ClientSampleId :
PB137554BL

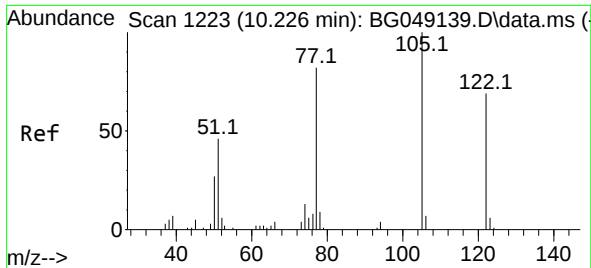
Tgt Ion:136 Resp: 107127
Ion Ratio Lower Upper
136 100
137 9.7 8.2 12.2
54 7.0 5.5 8.3
68 4.0 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 84.045 ng
RT: 9.254 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

Tgt Ion: 82 Resp: 212359
Ion Ratio Lower Upper
82 100
128 36.9 29.8 44.6
54 58.6 45.8 68.8

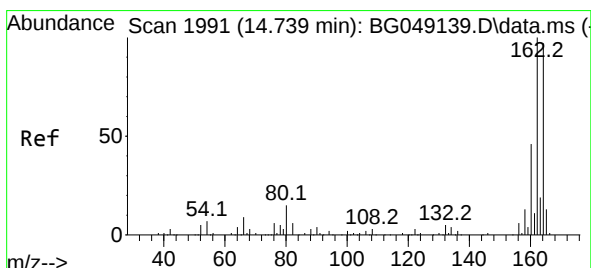
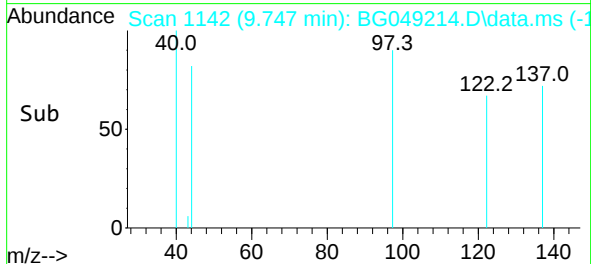
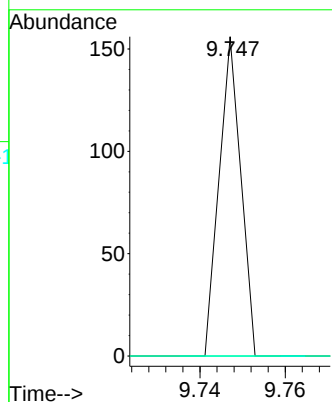
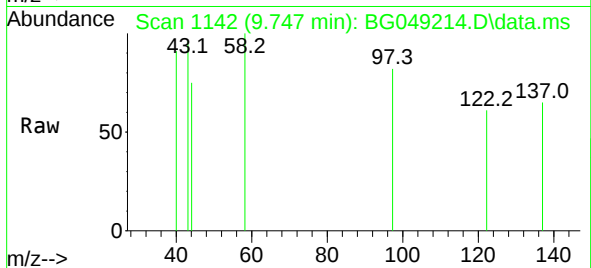




#32
Benzoic acid
Concen: 6.312 ng
RT: 9.747 min Scan# 1142
Delta R.T. -0.476 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

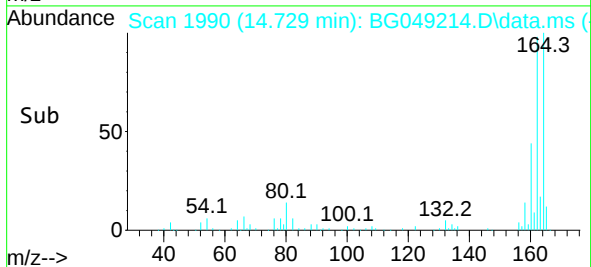
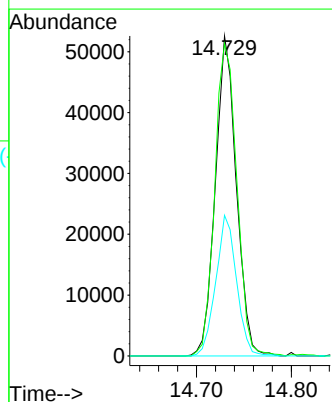
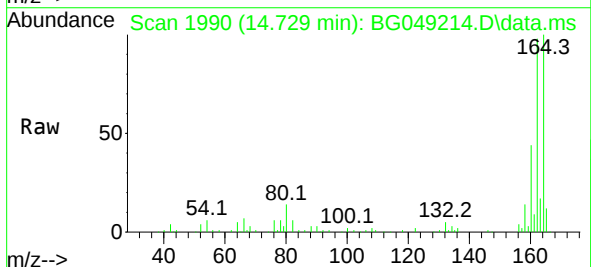
Instrument :
BNA_G
ClientSampleId :
PB137554BL

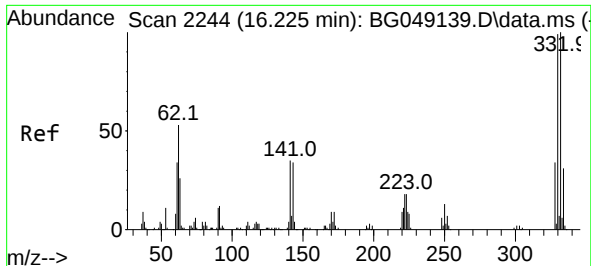
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.729 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

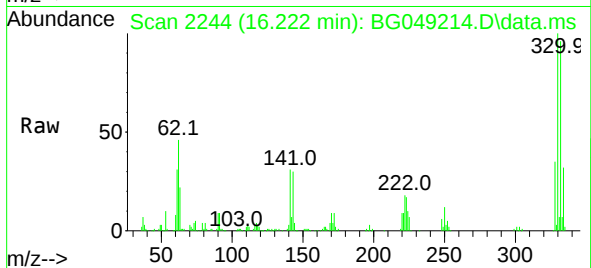
Tgt Ion:164 Resp: 80812
Ion Ratio Lower Upper
164 100
162 97.6 81.4 122.0
160 43.9 34.9 52.3



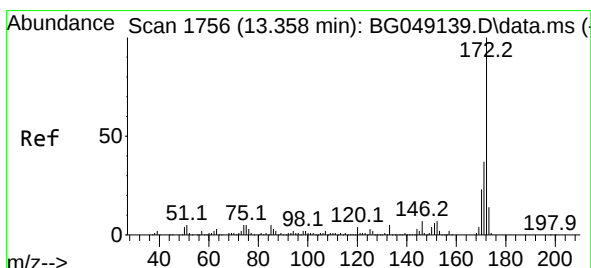
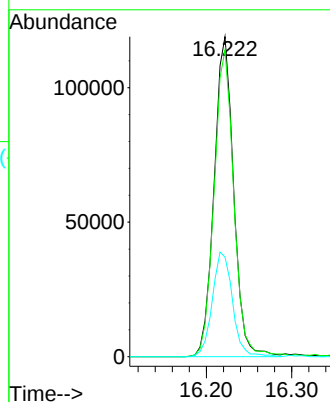
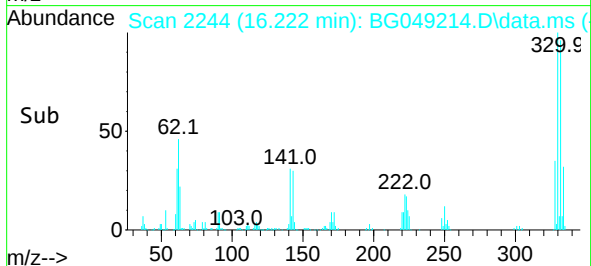


#42
2,4,6-Tribromophenol
Concen: 135.022 ng
RT: 16.222 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

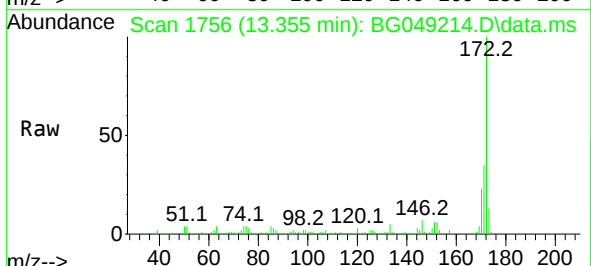
Instrument :
BNA_G
ClientSampleId :
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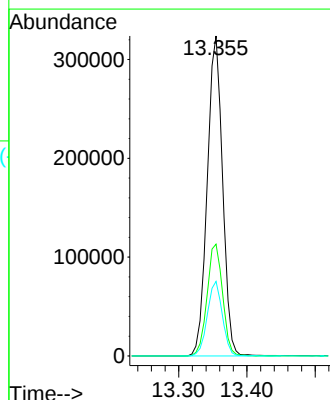
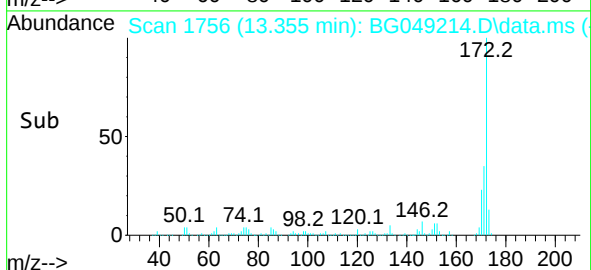
Tgt Ion:330 Resp: 189153
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 33.8 35.6 53.4#

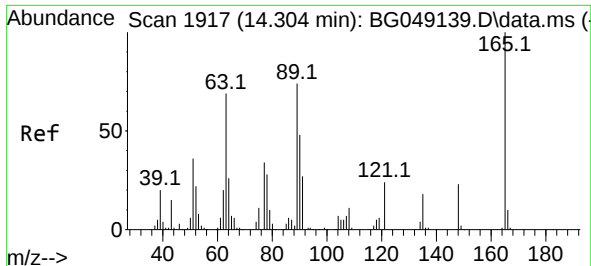


#45
2-Fluorobiphenyl
Concen: 84.448 ng
RT: 13.355 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31



Tgt Ion:172 Resp: 505833
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.3 18.6 27.8

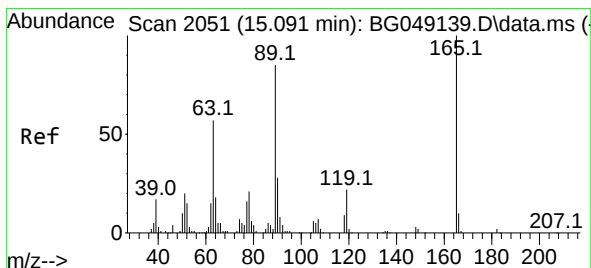
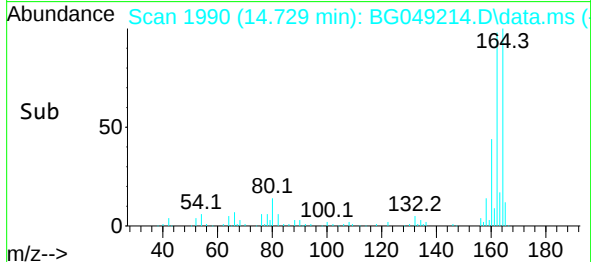
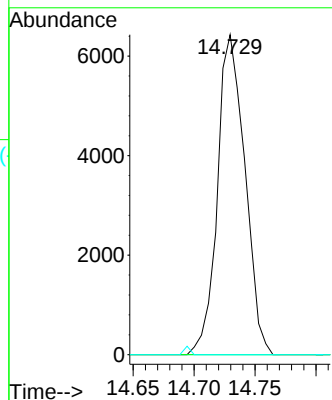
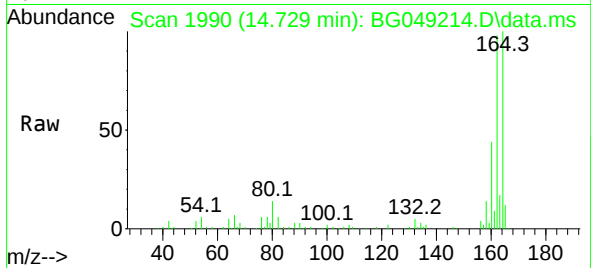




#51
2,6-Dinitrotoluene
Concen: 6.784 ng
RT: 14.729 min Scan# 1990
Delta R.T. 0.434 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

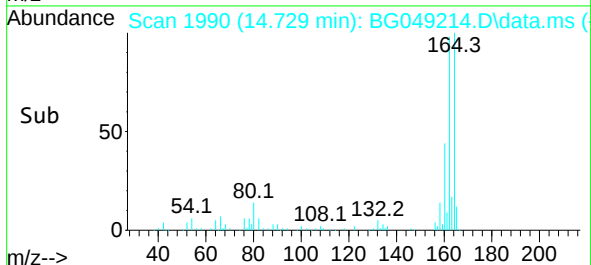
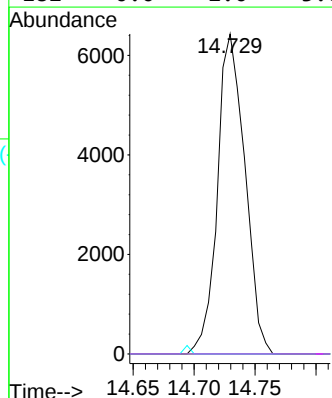
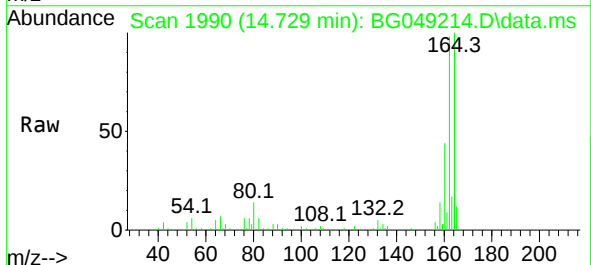
Instrument :
BNA_G
ClientSampleId :
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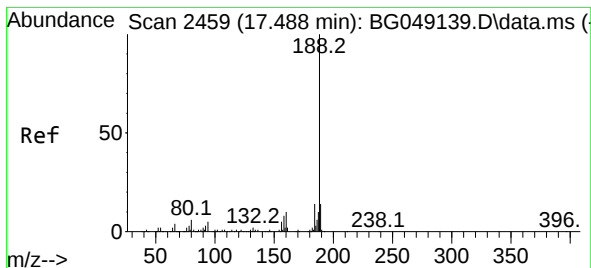
Tgt Ion:165 Resp: 10086
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 4.776 ng
RT: 14.729 min Scan# 1990
Delta R.T. -0.353 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

Tgt Ion:165 Resp: 10086
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#

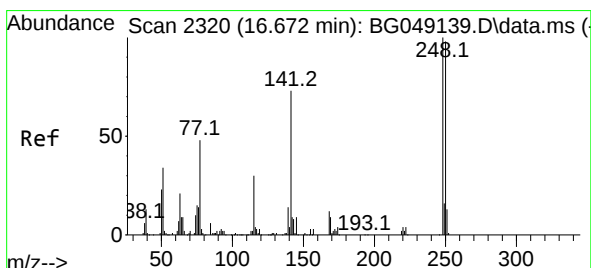
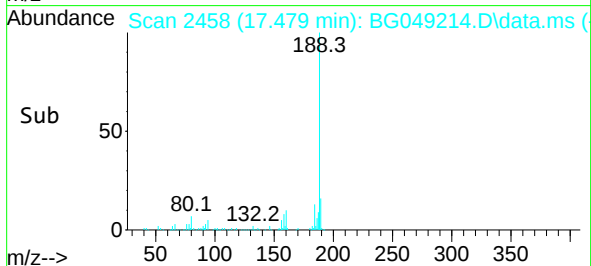
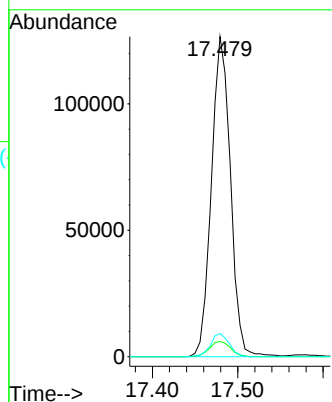
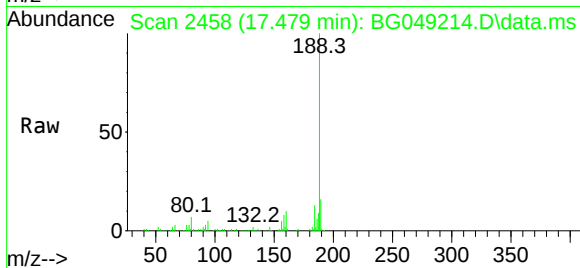




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.479 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

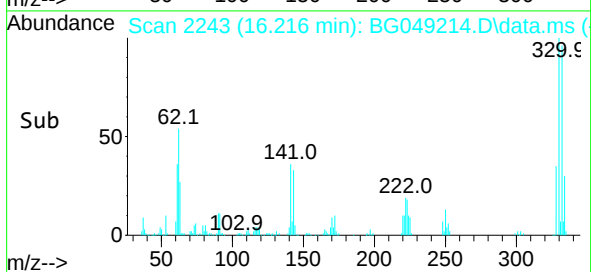
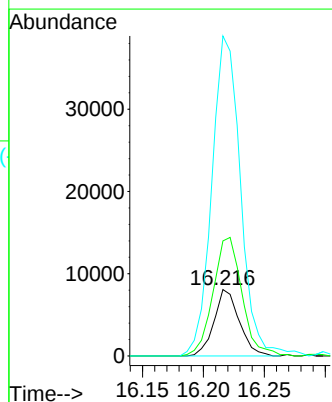
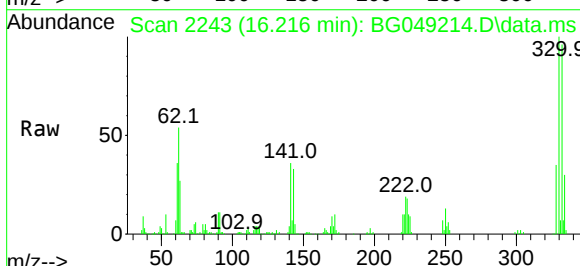
Instrument :
BNA_G
ClientSampleId :
PB137554BL

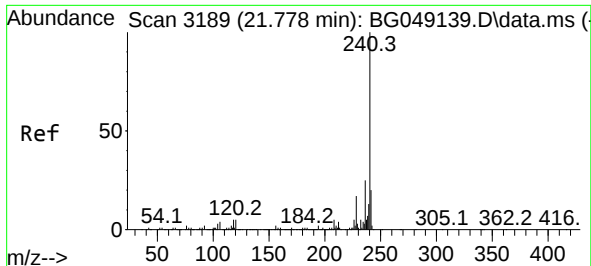
Tgt Ion:188 Resp: 196262
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 7.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.393 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.447 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

Tgt Ion:248 Resp: 11632
Ion Ratio Lower Upper
248 100
250 173.1 76.1 114.1#
141 481.6 65.4 98.2#

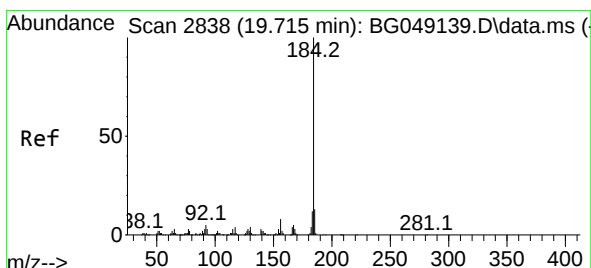
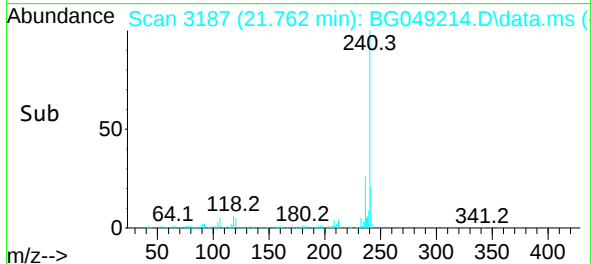
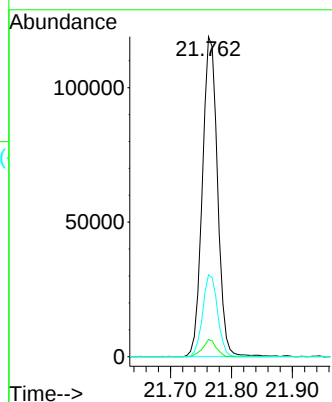
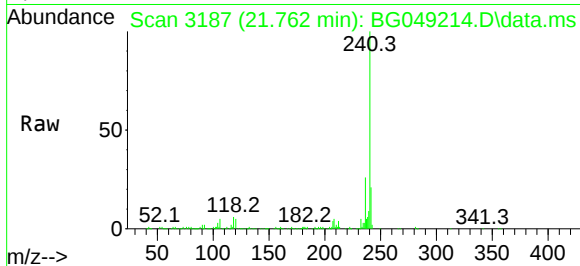




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.762 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

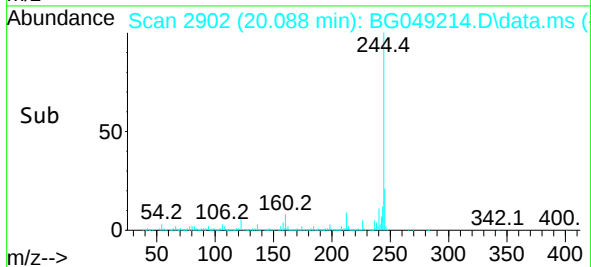
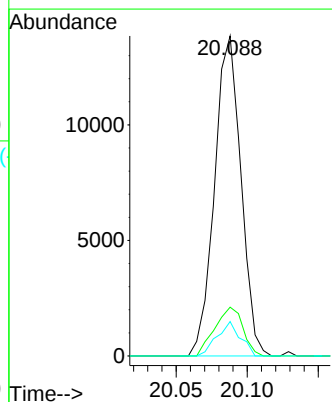
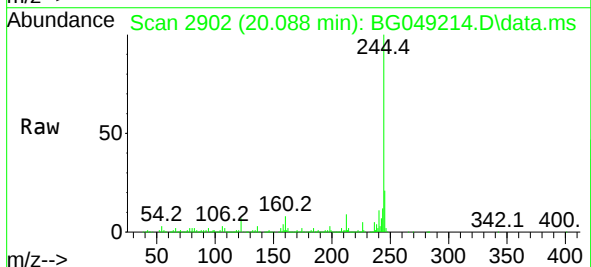
Instrument :
BNA_G
ClientSampleId :
PB137554BL

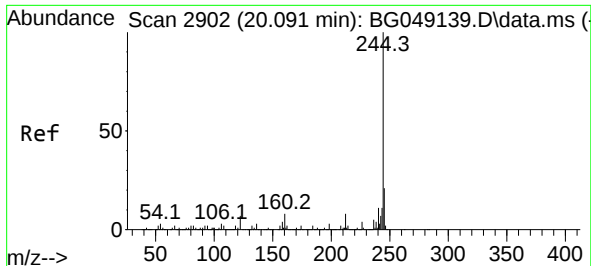
Tgt Ion:240 Resp: 205936
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 25.6 21.8 32.6



#77
Benzidine
Concen: 4.037 ng
RT: 20.088 min Scan# 2902
Delta R.T. 0.382 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

Tgt Ion:184 Resp: 17857
Ion Ratio Lower Upper
184 100
185 15.3 10.7 16.1
183 10.8 9.4 14.0

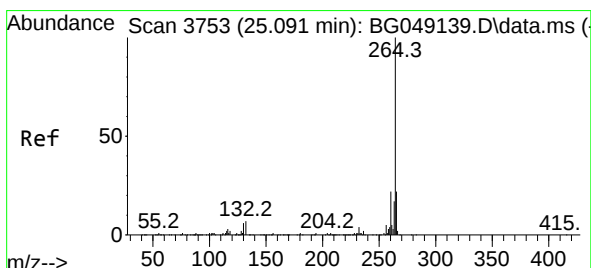
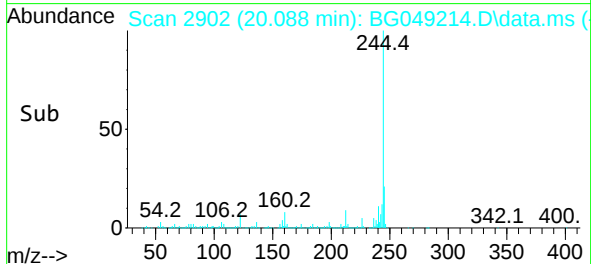
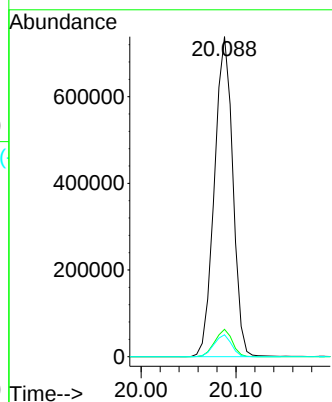
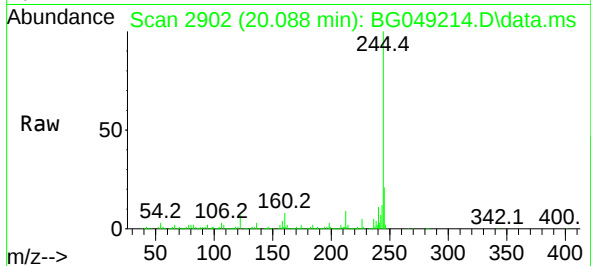




#79
Terphenyl-d14
Concen: 81.789 ng
RT: 20.088 min Scan# 2902
Delta R.T. 0.006 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

Instrument :
BNA_G
ClientSampleId :
PB137554BL

Tgt Ion:244 Resp: 993988
Ion Ratio Lower Upper
244 100
212 8.6 6.9 10.3
122 6.9 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.076 min Scan# 3751
Delta R.T. 0.011 min
Lab File: BG049214.D
Acq: 8 Jul 2021 10:31

Tgt Ion:264 Resp: 206733
Ion Ratio Lower Upper
264 100
260 22.6 19.4 29.2
265 21.5 16.9 25.3

