

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070821\
 Data File : BG049218.D
 Acq On : 8 Jul 2021 13:26
 Operator : CG/JU
 Sample : PB137570BL
 Misc : 8270/625 SPIKE
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137570BL

Quant Time: Jul 08 14:13:55 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)

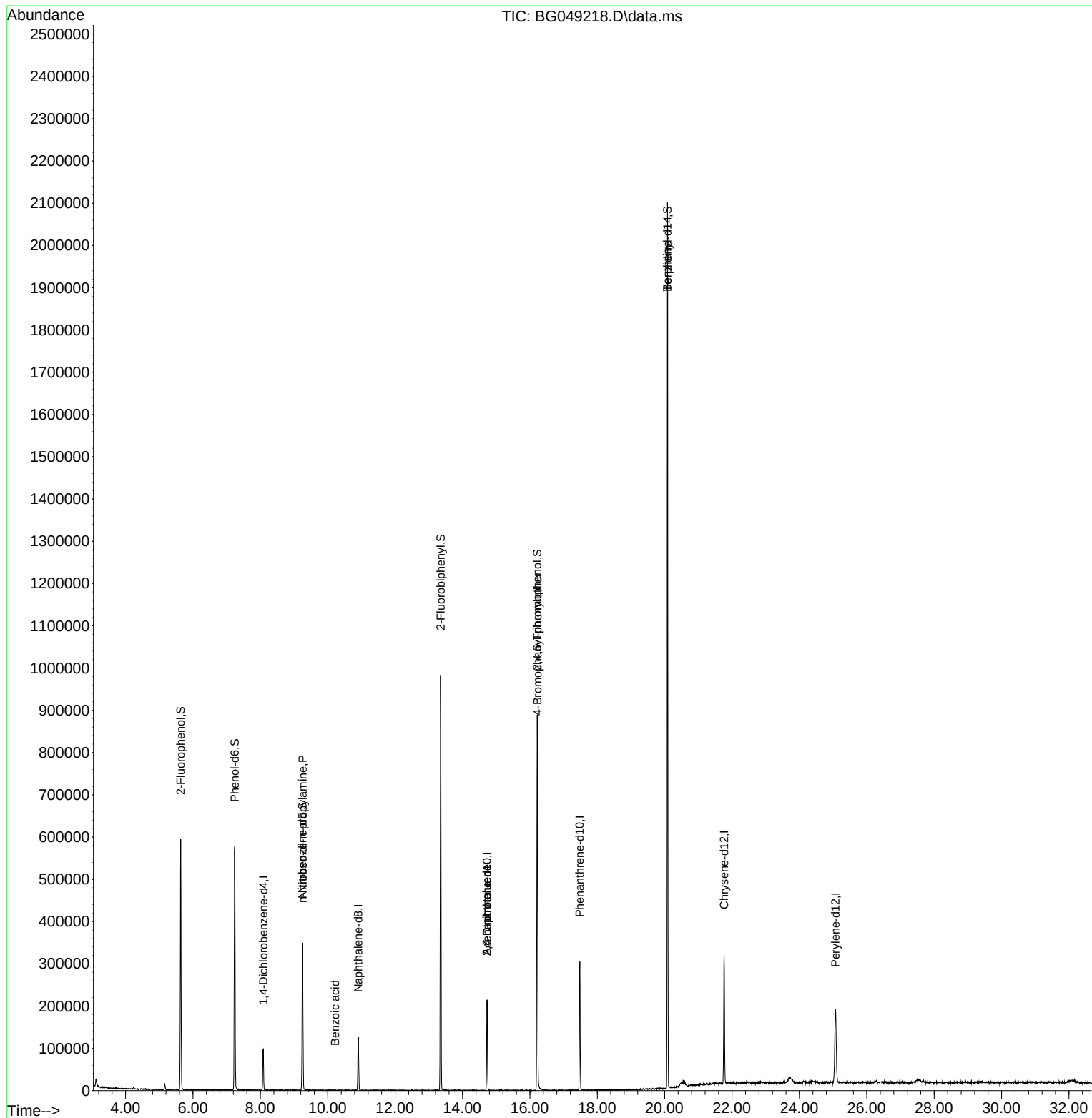
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.086	152	25985	20.000	ng	# 0.00
21) Naphthalene-d8	10.906	136	107064	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	81017	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	196286	20.000	ng	# 0.00
76) Chrysene-d12	21.764	240	211264	20.000	ng	0.00
86) Perylene-d12	25.066	264	209421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	224739	135.464	ng	0.00
7) Phenol-d6	7.239	99	298644	126.260	ng	0.00
23) Nitrobenzene-d5	9.249	82	213233	84.441	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	186984	133.136	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	509792	84.894	ng	0.00
79) Terphenyl-d14	20.083	244	1018388	81.683	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.255	70	31066	18.276	ng	# 68
32) Benzoic acid	10.218	122	59	6.315	ng	# 1
51) 2,6-Dinitrotoluene	14.731	165	10340	6.937	ng	# 10
57) 2,4-Dinitrotoluene	14.731	165	10340	4.884	ng	# 15
67) 4-Bromophenyl-phenylether	16.223	248	11192	4.226	ng	# 1
77) Benzidine	20.083	184	17326	3.818	ng	# 90

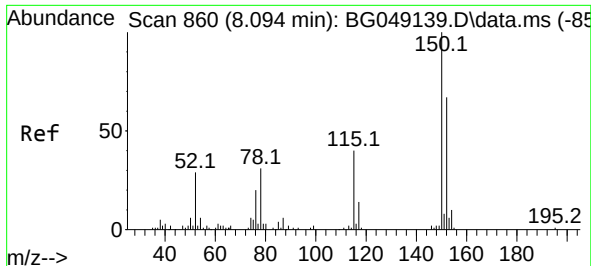
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 06 10:59:02 2021
Response via : Initial Calibration

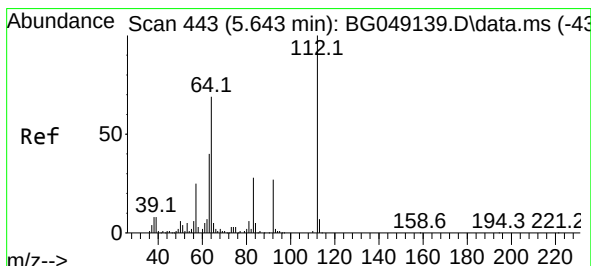
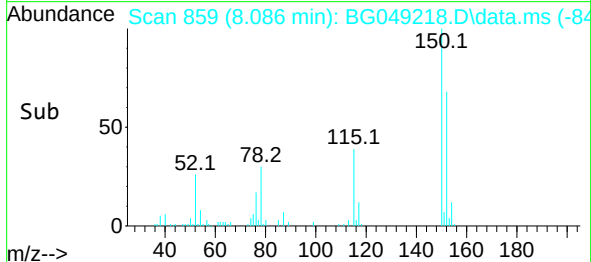
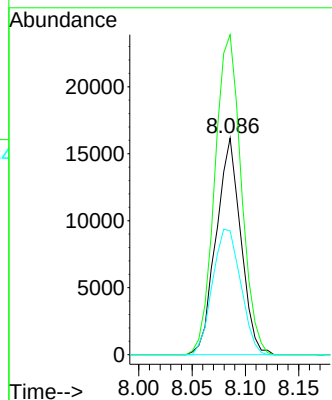
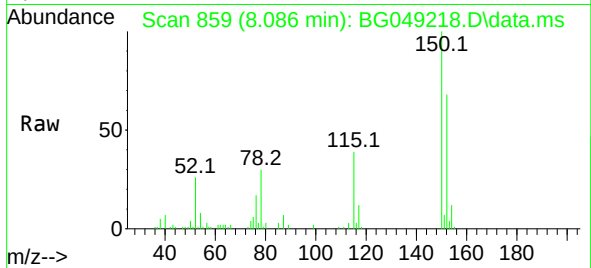




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.086 min Scan# 859
Delta R.T. -0.005 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

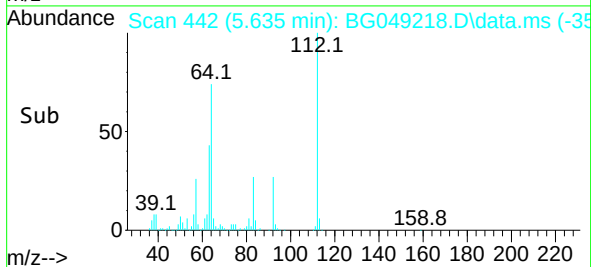
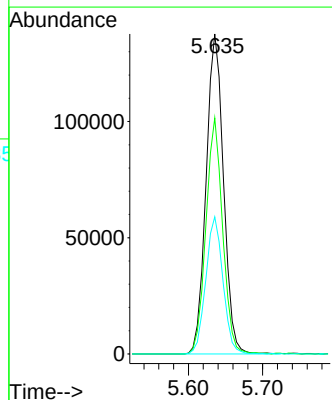
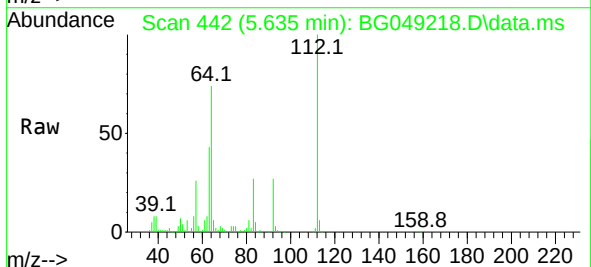
Instrument :
BNA_G
ClientSampleId :
PB137570BL

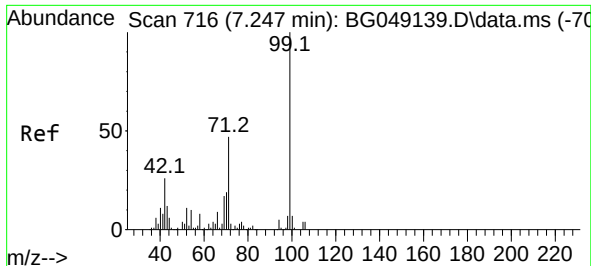
Tgt Ion:152 Resp: 25985
Ion Ratio Lower Upper
152 100
150 147.7 119.4 179.0
115 57.3 60.2 90.4#



#5
2-Fluorophenol
Concen: 135.464 ng
RT: 5.635 min Scan# 442
Delta R.T. 0.001 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

Tgt Ion:112 Resp: 224739
Ion Ratio Lower Upper
112 100
64 73.7 46.7 70.1#
63 42.8 35.3 52.9

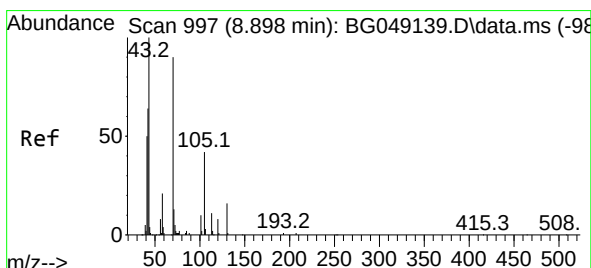
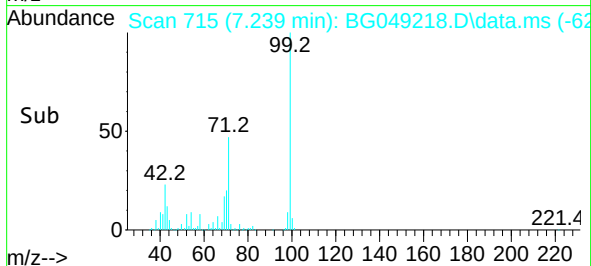
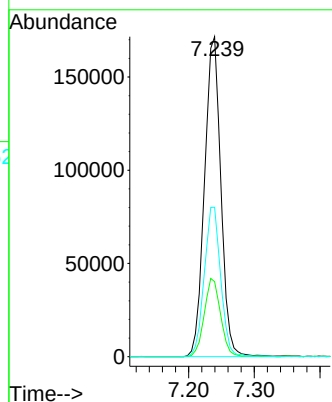
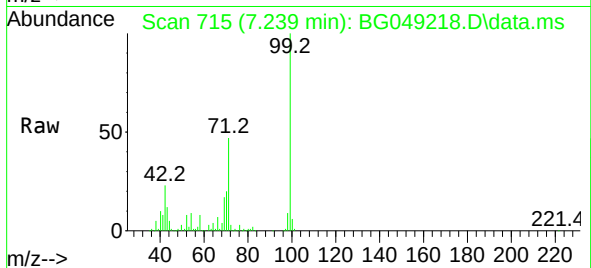




#7
Phenol-d6
Concen: 126.260 ng
RT: 7.239 min Scan# 715
Delta R.T. 0.001 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

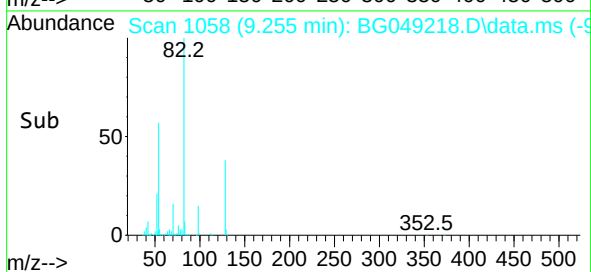
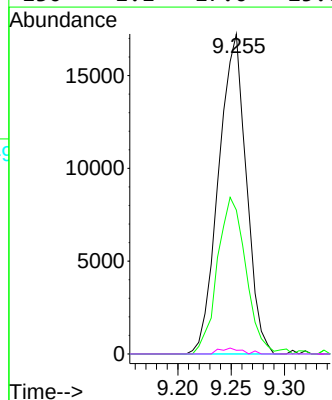
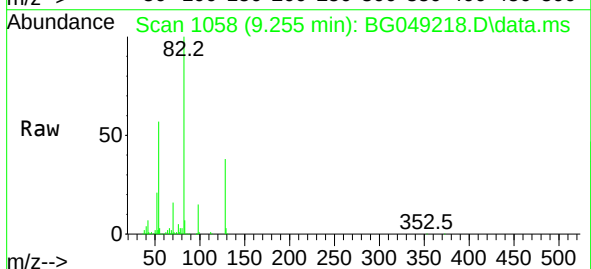
Instrument :
BNA_G
ClientSampleId :
PB137570BL

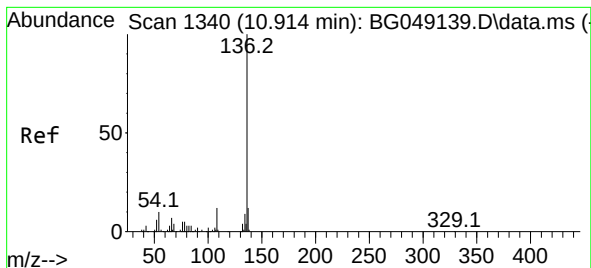
Tgt Ion: 99 Resp: 298644
Ion Ratio Lower Upper
99 100
42 23.4 20.5 30.7
71 46.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.276 ng
RT: 9.255 min Scan# 1058
Delta R.T. 0.359 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

Tgt Ion: 70 Resp: 31066
Ion Ratio Lower Upper
70 100
42 44.9 54.5 81.7#
101 0.0 9.0 13.6#
130 1.1 17.0 25.6#

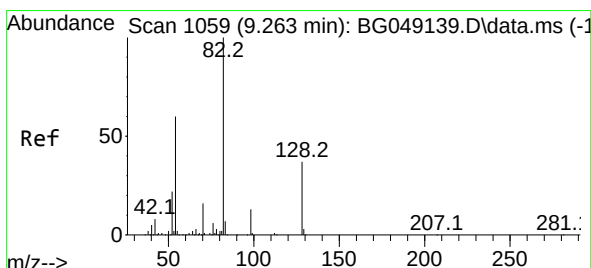
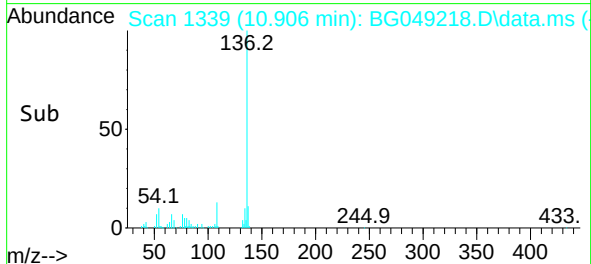
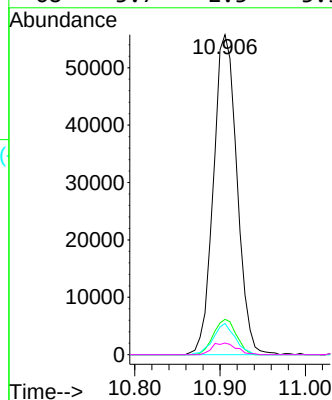
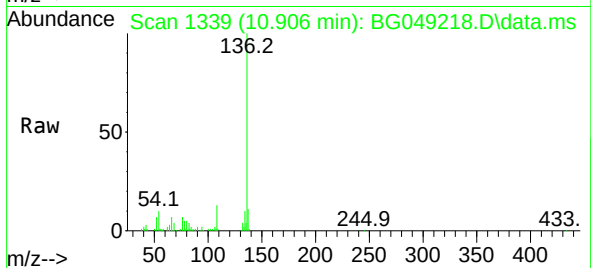




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.906 min Scan# 1339
Delta R.T. 0.001 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

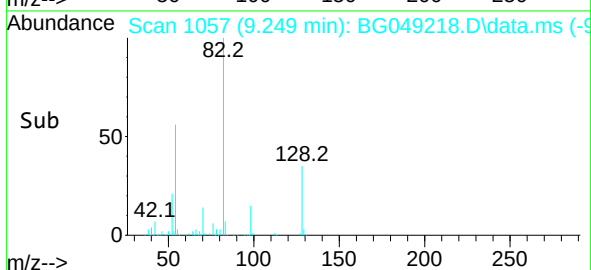
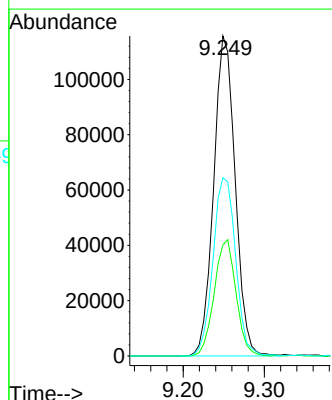
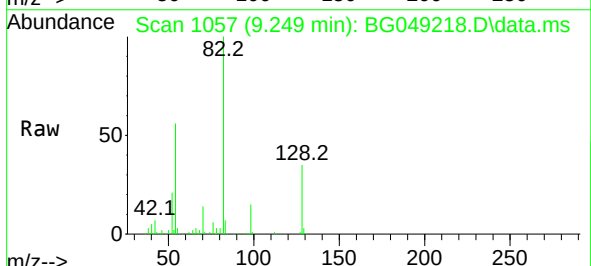
Instrument :
BNA_G
ClientSampleId :
PB137570BL

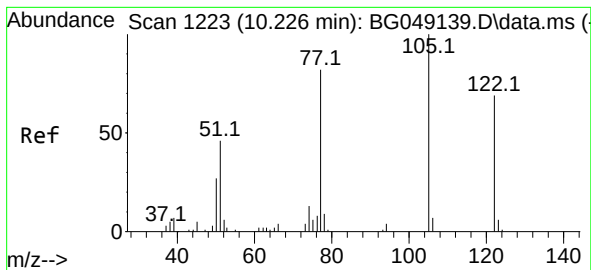
Tgt Ion:	136	Resp:	107064
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.2
54	9.7	5.5	8.3#
68	3.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 84.441 ng
RT: 9.249 min Scan# 1057
Delta R.T. -0.005 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

Tgt Ion:	82	Resp:	213233
Ion Ratio	Lower	Upper	
82	100		
128	34.7	29.8	44.6
54	55.7	45.8	68.8

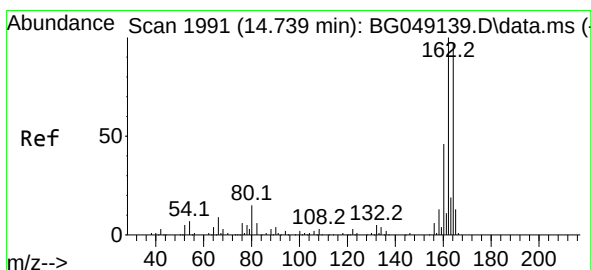
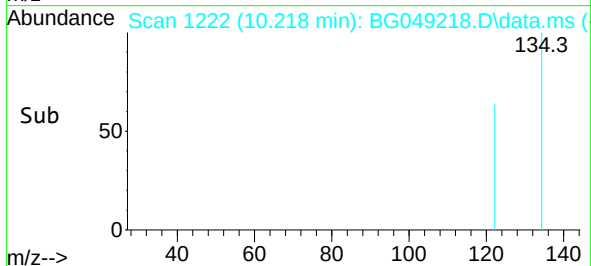
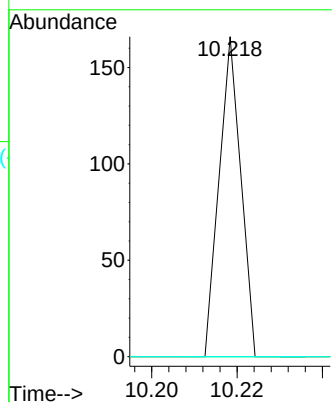
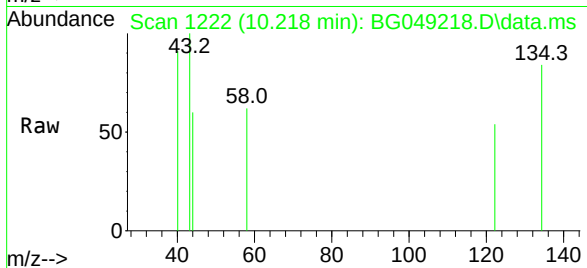




#32
Benzoic acid
Concen: 6.315 ng
RT: 10.218 min Scan# 1222
Delta R.T. -0.005 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

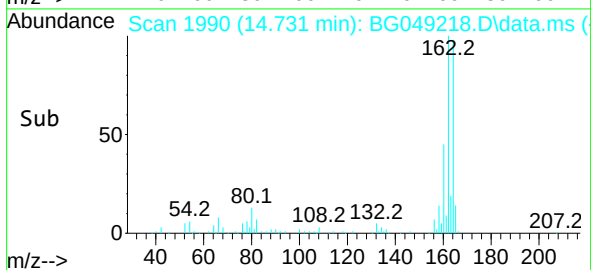
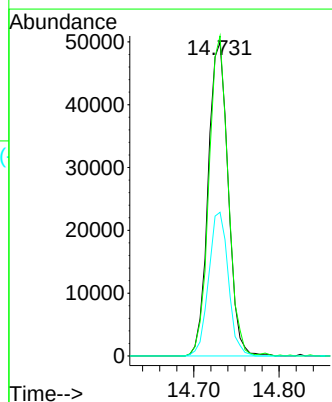
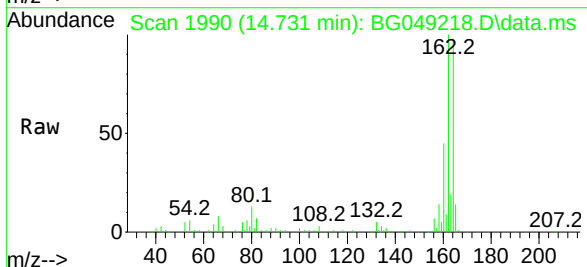
Instrument :
BNA_G
ClientSampleId :
PB137570BL

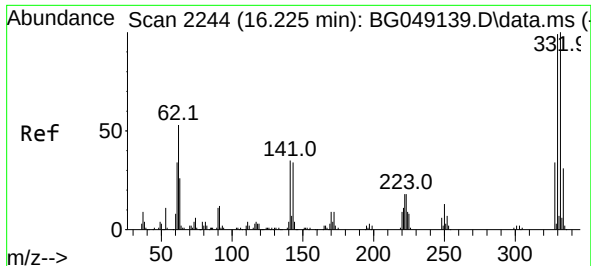
Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1990
Delta R.T. 0.001 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

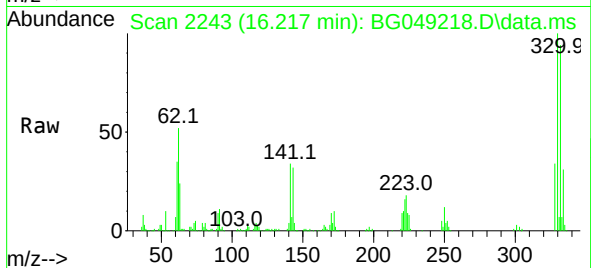
Tgt Ion:164 Resp: 81017
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 45.8 34.9 52.3



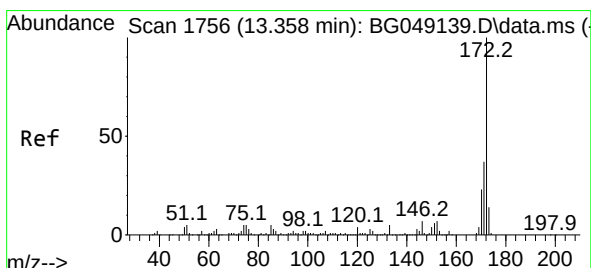
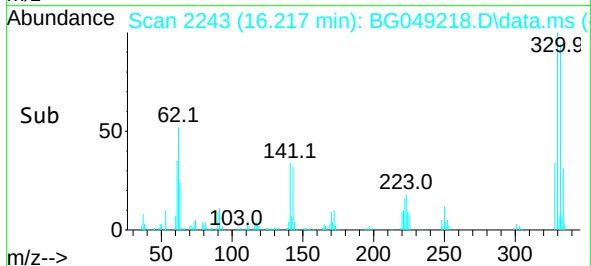
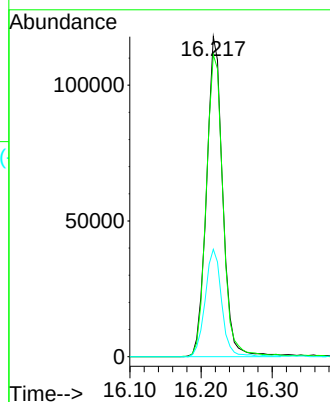


#42
2,4,6-Tribromophenol
Concen: 133.136 ng
RT: 16.217 min Scan# 2243
Delta R.T. 0.001 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

Instrument :
BNA_G
ClientSampleId :
PB137570BL

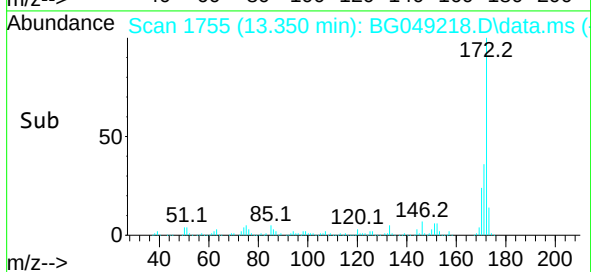
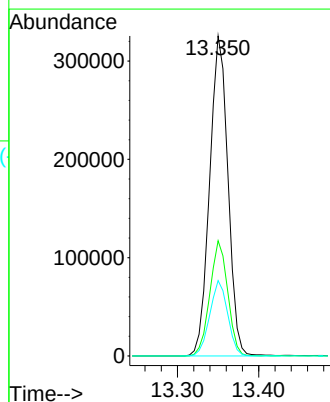
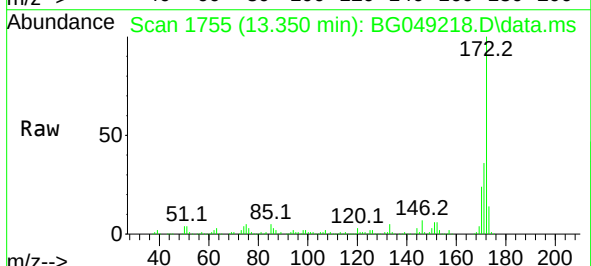


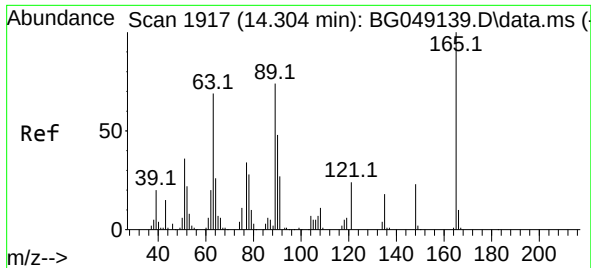
Tgt Ion:330 Resp: 186984
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 34.1 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 84.894 ng
RT: 13.350 min Scan# 1755
Delta R.T. 0.001 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

Tgt Ion:172 Resp: 509792
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.5 18.6 27.8

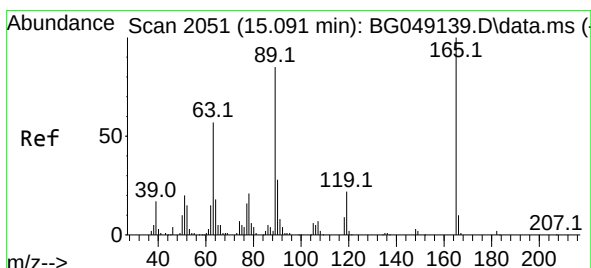
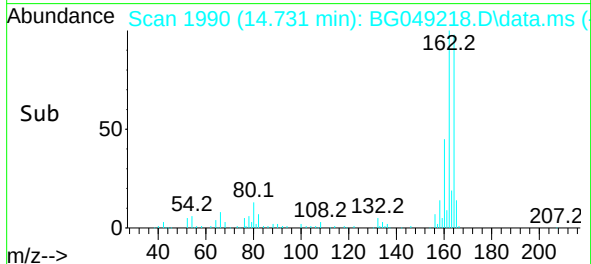
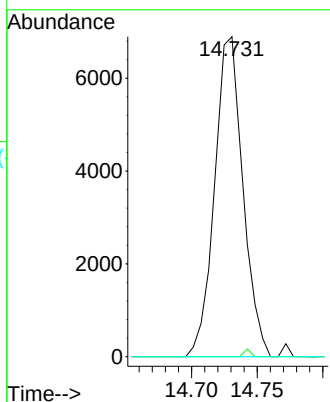
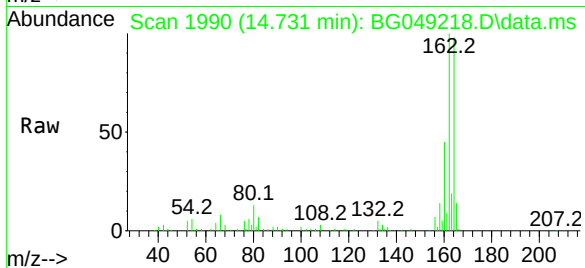




#51
2,6-Dinitrotoluene
Concen: 6.937 ng
RT: 14.731 min Scan# 1990
Delta R.T. 0.436 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

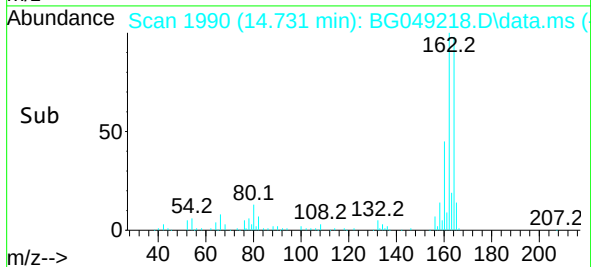
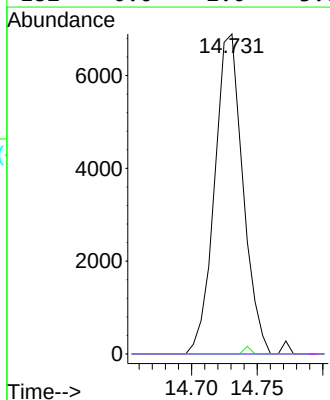
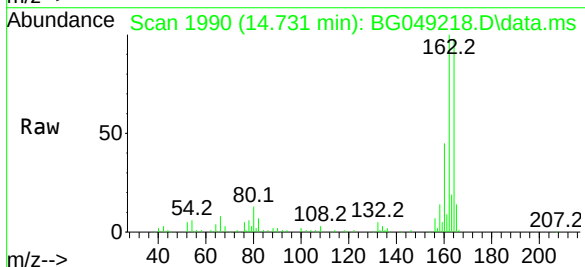
Instrument :
BNA_G
ClientSampleId :
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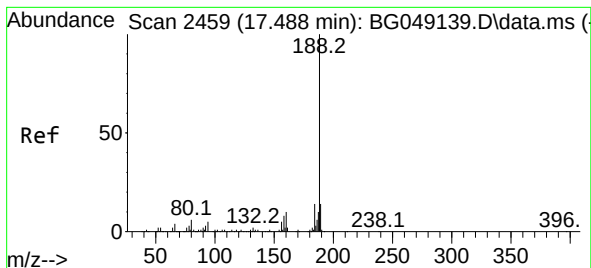
Tgt Ion:165 Resp: 10340
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 4.884 ng
RT: 14.731 min Scan# 1990
Delta R.T. -0.352 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

Tgt Ion:165 Resp: 10340
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#

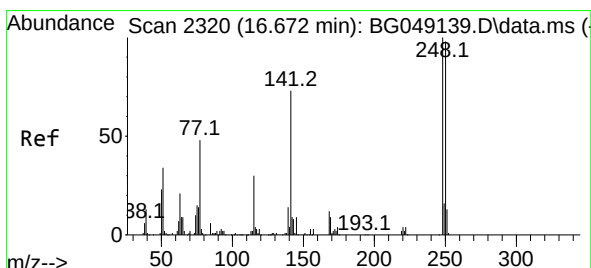
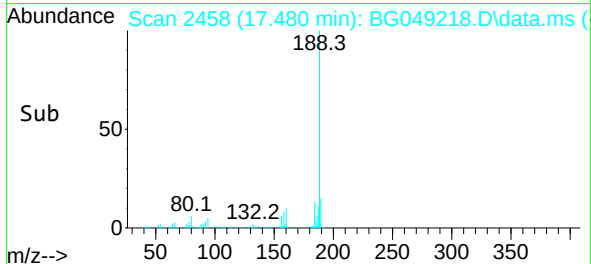
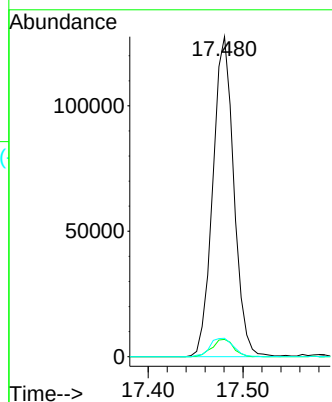
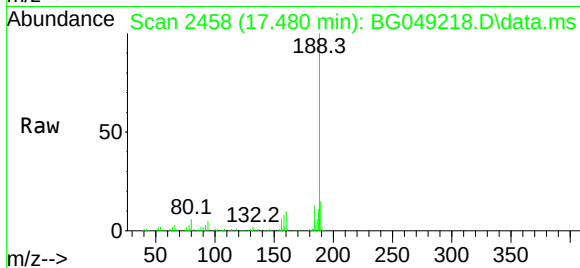




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2458
Delta R.T. 0.001 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

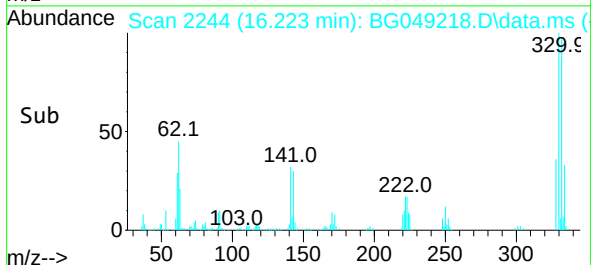
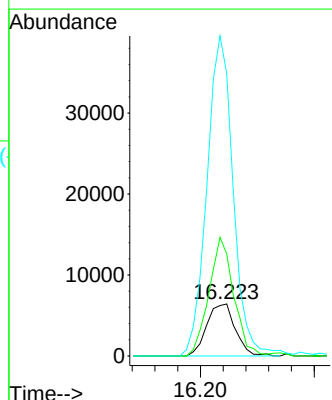
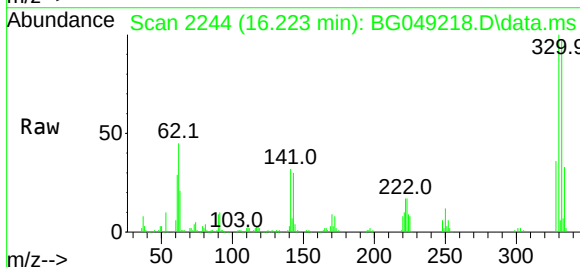
Instrument :
BNA_G
ClientSampleId :
PB137570BL

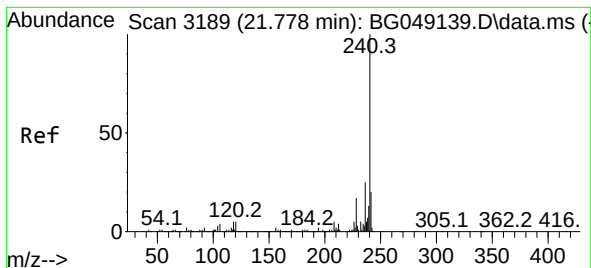
Tgt Ion:188 Resp: 196286
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 5.7 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.226 ng
RT: 16.223 min Scan# 2244
Delta R.T. -0.440 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

Tgt Ion:248 Resp: 11192
Ion Ratio Lower Upper
248 100
250 196.1 76.1 114.1#
141 542.7 65.4 98.2#

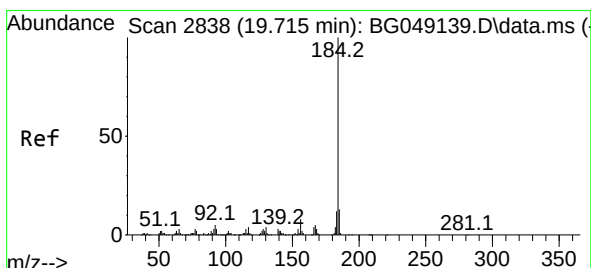
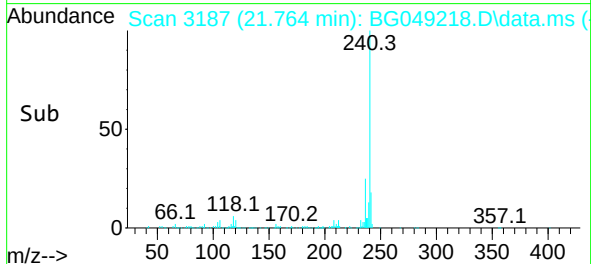
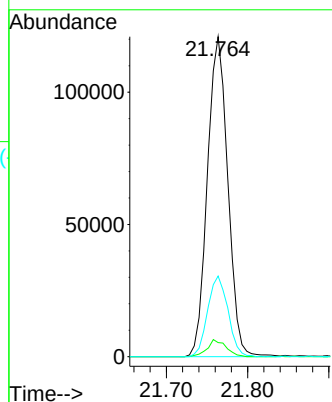
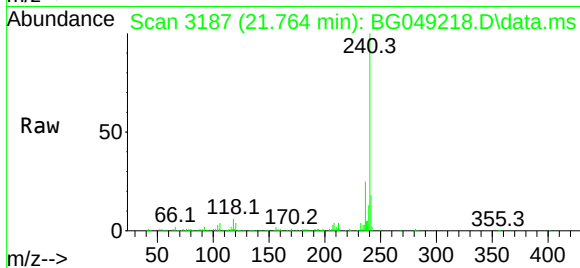




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3187
Delta R.T. 0.001 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

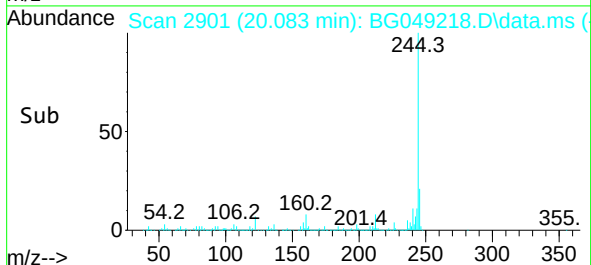
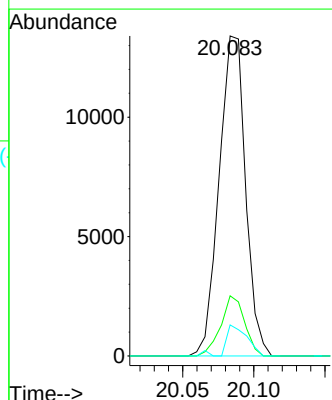
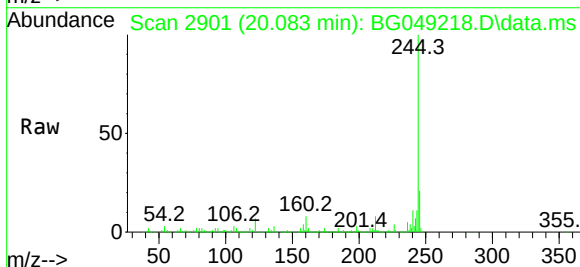
Instrument :
BNA_G
ClientSampleId :
PB137570BL

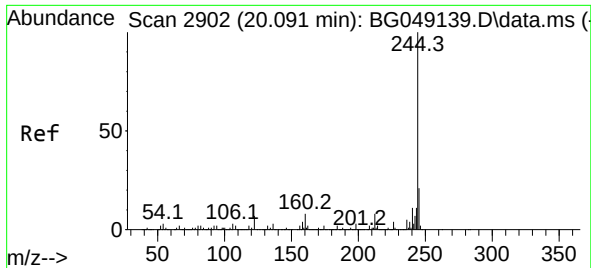
Tgt Ion:240 Resp: 211264
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 25.2 21.8 32.6



#77
Benzidine
Concen: 3.818 ng
RT: 20.083 min Scan# 2901
Delta R.T. 0.377 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

Tgt Ion:184 Resp: 17326
Ion Ratio Lower Upper
184 100
185 18.8 10.7 16.1#
183 9.7 9.4 14.0

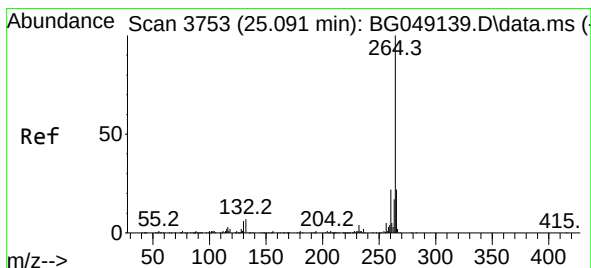
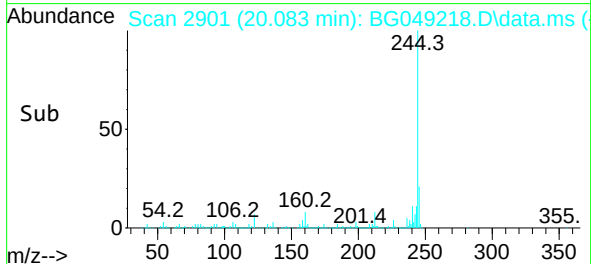
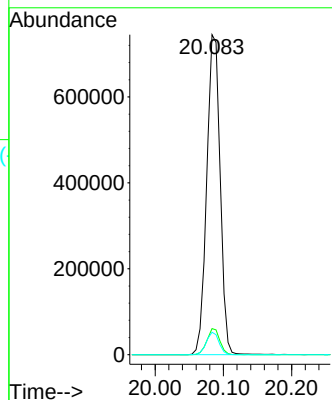
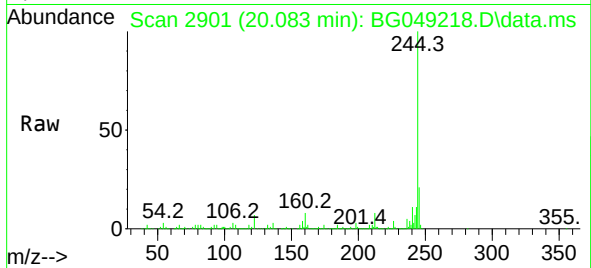




#79
Terphenyl-d14
Concen: 81.683 ng
RT: 20.083 min Scan# 2901
Delta R.T. 0.001 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

Instrument :
BNA_G
ClientSampleId :
PB137570BL

Tgt Ion:244 Resp: 1018388
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 7.0 5.0 7.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.066 min Scan# 3749
Delta R.T. 0.001 min
Lab File: BG049218.D
Acq: 8 Jul 2021 13:26

Tgt Ion:264 Resp: 209421
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 20.4 16.9 25.3

