

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070121\
 Data File : BG049150.D
 Acq On : 1 Jul 2021 12:30
 Operator : CG/JU
 Sample : PB137435BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137435BL

Quant Time: Jul 01 13:40:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 15:39:12 2021
 Response via : Initial Calibration

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

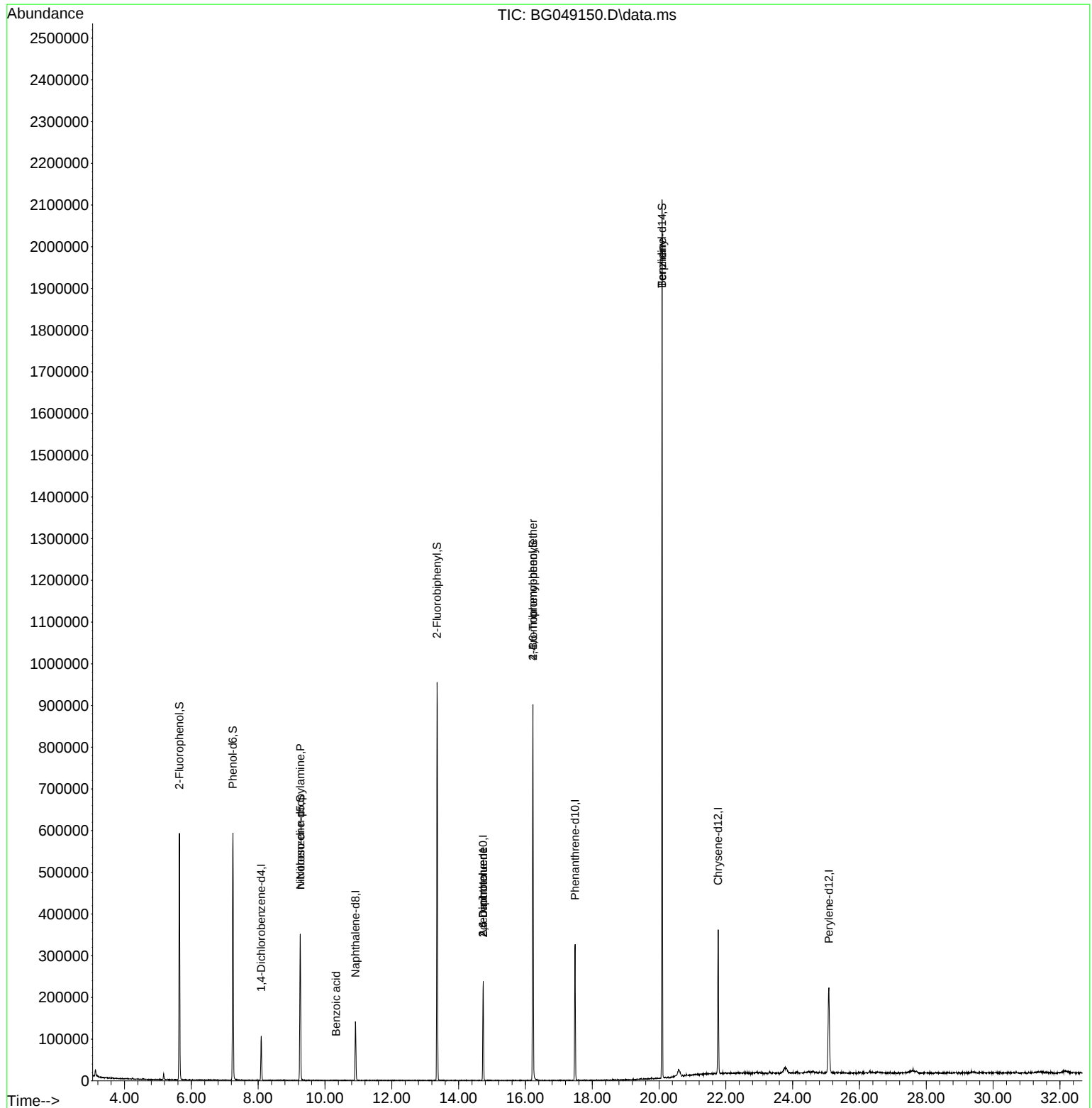
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	28857	20.000	ng	# 0.00
21) Naphthalene-d8	10.912	136	115684	20.000	ng	# 0.00
39) Acenaphthene-d10	14.737	164	85805	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	215536	20.000	ng	# 0.00
76) Chrysene-d12	21.770	240	228514	20.000	ng	0.00
86) Perylene-d12	25.083	264	234291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	228376	123.956	ng	0.00
7) Phenol-d6	7.245	99	297580	113.289	ng	0.00
23) Nitrobenzene-d5	9.261	82	208830	76.535	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	177516	119.341	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	500445	78.687	ng	0.00
79) Terphenyl-d14	20.089	244	1018762	75.545	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.261	70	31833	16.863	ng	# 72
32) Benzoic acid	10.336	122	77	6.323	ng	# 1
51) 2,6-Dinitrotoluene	14.737	165	11571	7.330	ng	# 14
57) 2,4-Dinitrotoluene	14.737	165	11571	5.160	ng	# 19
67) 4-Bromophenyl-phenylether	16.223	248	11199	3.851	ng	# 1
77) Benzidine	20.089	184	18467	3.762	ng	# 90

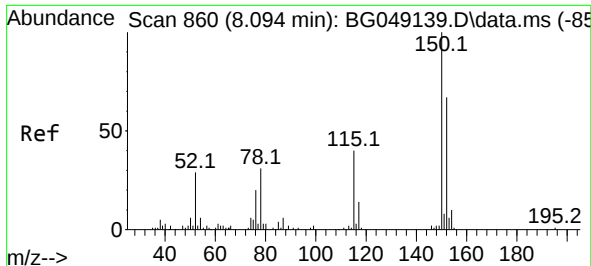
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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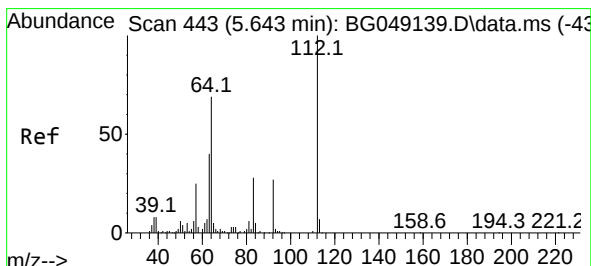
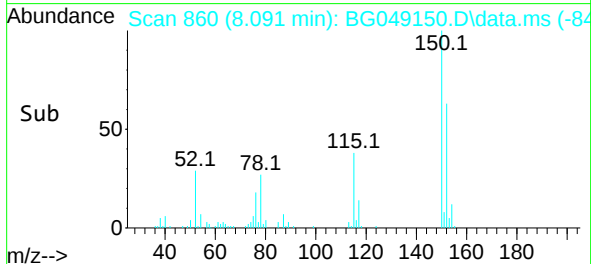
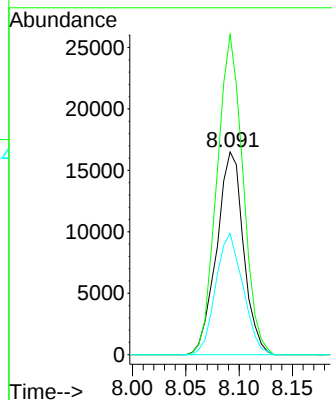
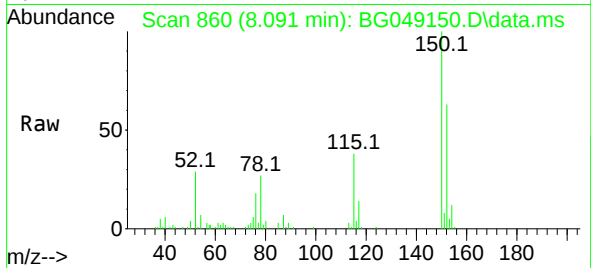




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 860
Delta R.T. -0.003 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

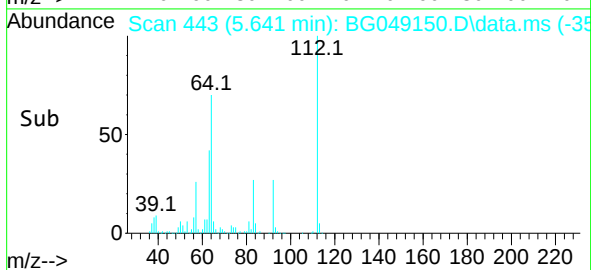
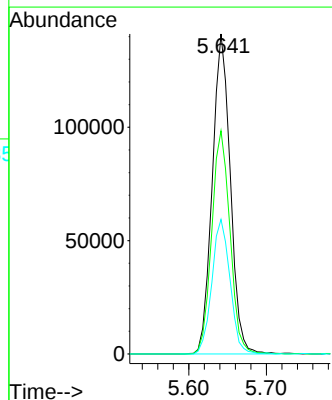
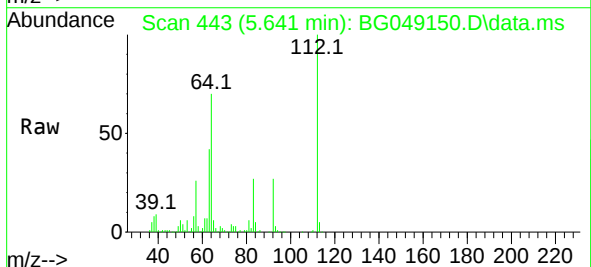
Instrument :
BNA_G
ClientSampleId :
PB137435BL

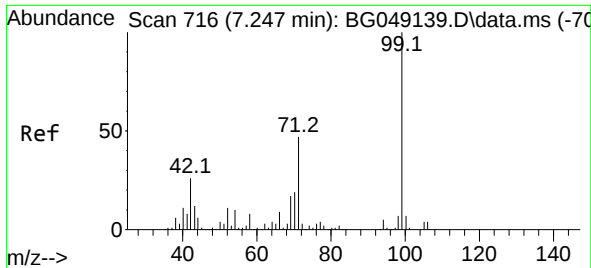
Tgt Ion:152 Resp: 28857
Ion Ratio Lower Upper
152 100
150 157.8 119.4 179.0
115 59.8 60.2 90.4#



#5
2-Fluorophenol
Concen: 123.956 ng
RT: 5.641 min Scan# 443
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

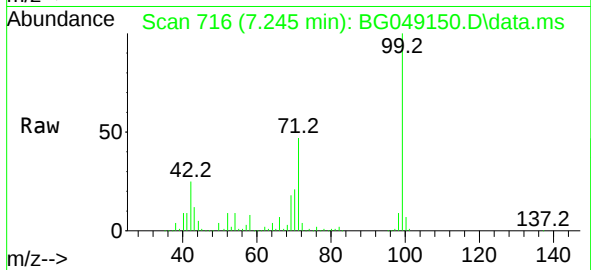
Tgt Ion:112 Resp: 228376
Ion Ratio Lower Upper
112 100
64 69.8 46.7 70.1
63 42.0 35.3 52.9



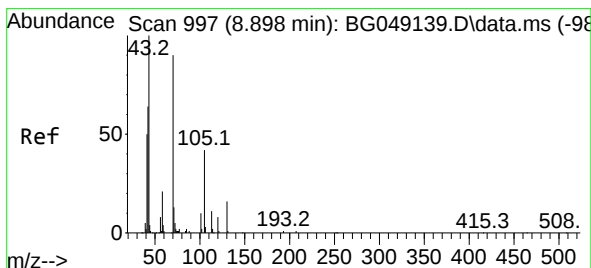
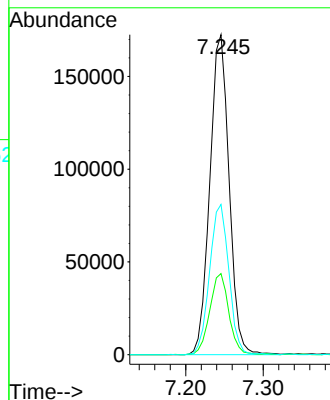
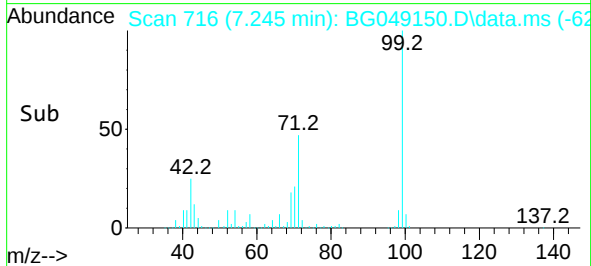


#7
Phenol-d6
Concen: 113.289 ng
RT: 7.245 min Scan# 716
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

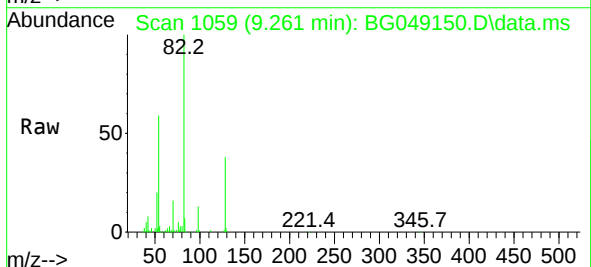
Instrument :
BNA_G
ClientSampleId :
PB137435BL



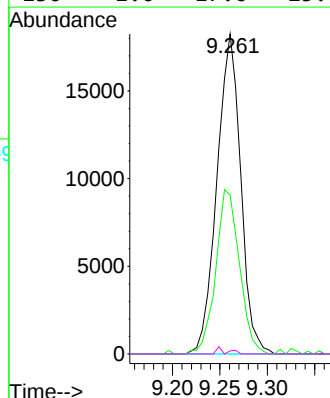
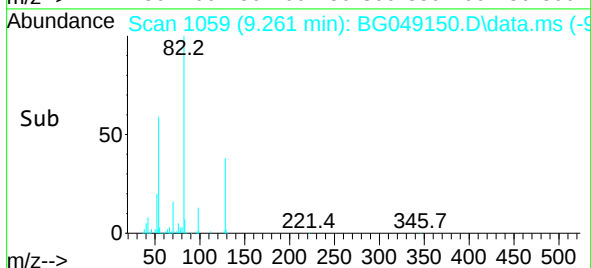
Tgt Ion: 99 Resp: 297580
Ion Ratio Lower Upper
99 100
42 25.3 20.5 30.7
71 47.0 41.5 62.3

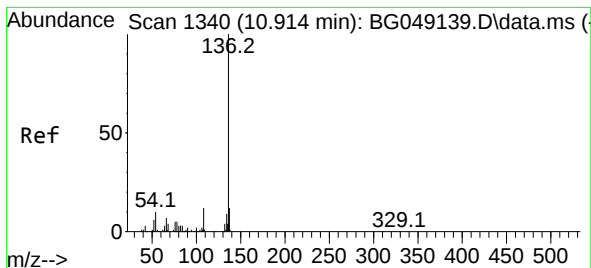


#19
n-Nitroso-di-n-propylamine
Concen: 16.863 ng
RT: 9.261 min Scan# 1059
Delta R.T. 0.362 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30



Tgt Ion: 70 Resp: 31833
Ion Ratio Lower Upper
70 100
42 49.6 54.5 81.7#
101 0.0 9.0 13.6#
130 1.0 17.0 25.6#

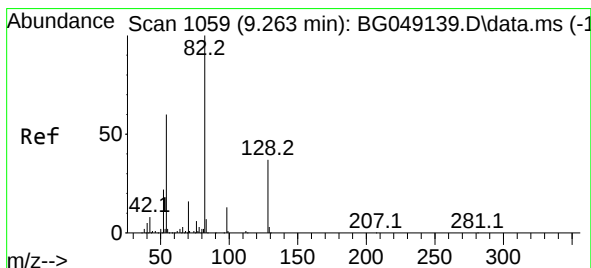
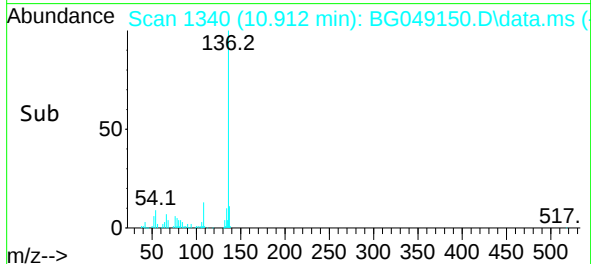
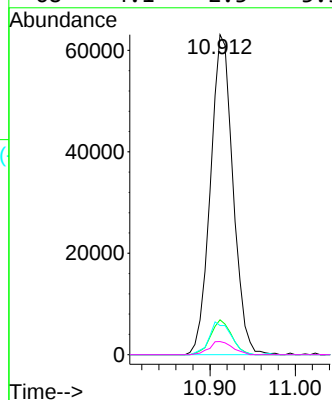
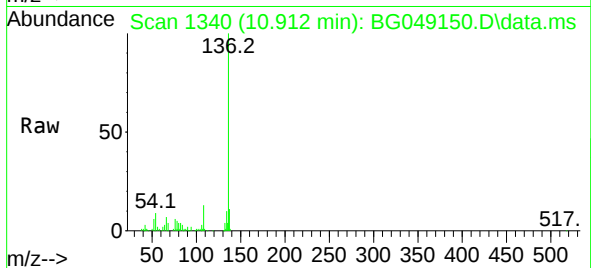




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 1340
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

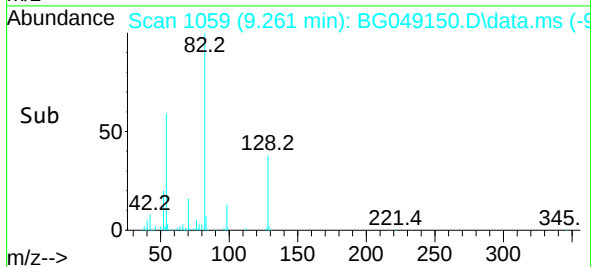
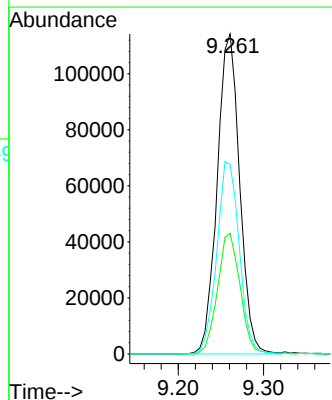
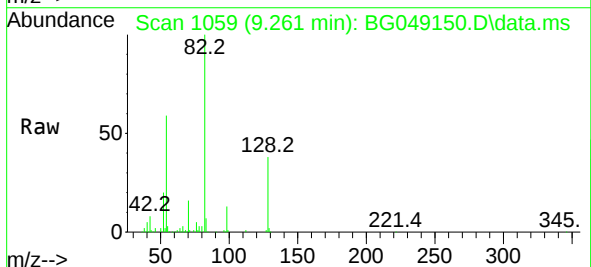
Instrument :
BNA_G
ClientSampleId :
PB137435BL

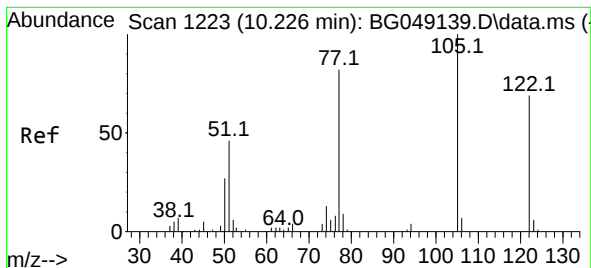
Tgt Ion:	136	Resp:	115684
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.2
54	9.1	5.5	8.3#
68	4.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 76.535 ng
RT: 9.261 min Scan# 1059
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Tgt Ion:	82	Resp:	208830
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.8	44.6
54	59.2	45.8	68.8

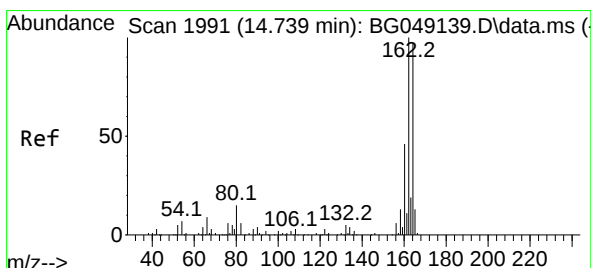
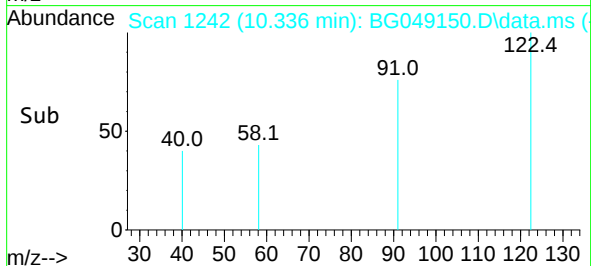
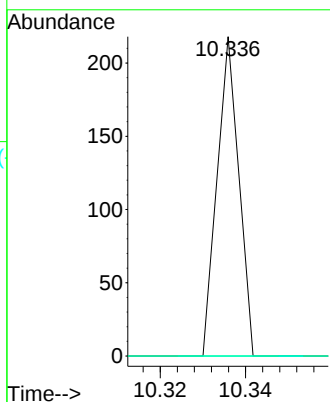
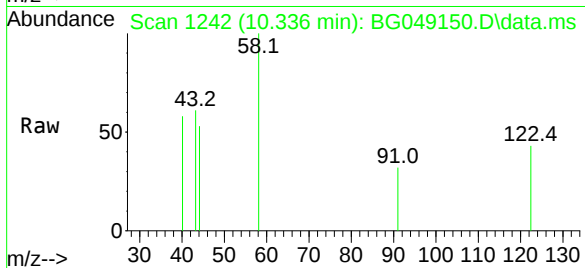




#32
Benzoic acid
Concen: 6.323 ng
RT: 10.336 min Scan# 1242
Delta R.T. 0.110 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

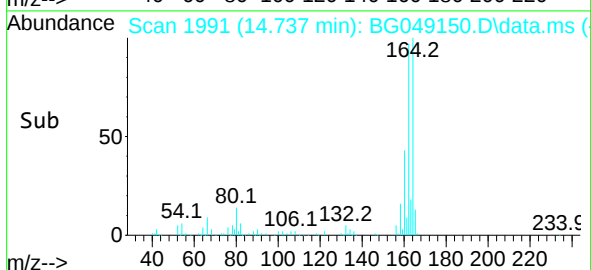
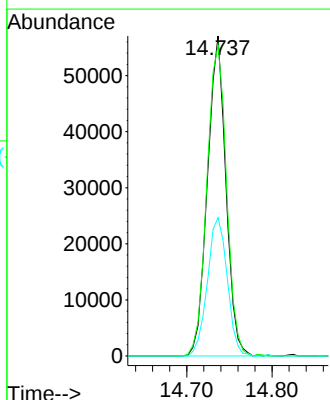
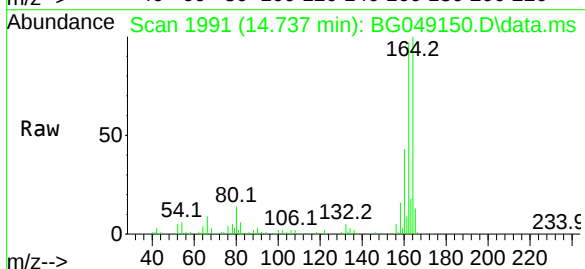
Instrument :
BNA_G
ClientSampleId :
PB137435BL

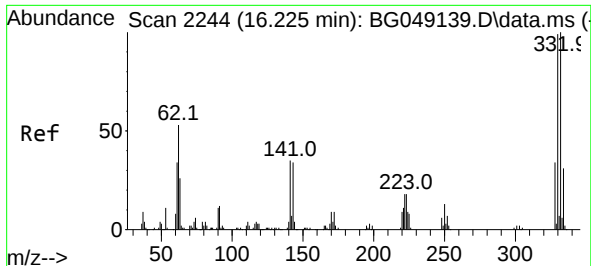
Tgt Ion:122 Resp: 77
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1991
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Tgt Ion:164 Resp: 85805
Ion Ratio Lower Upper
164 100
162 97.1 81.4 122.0
160 43.2 34.9 52.3

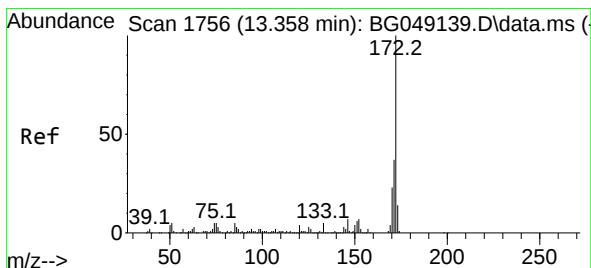
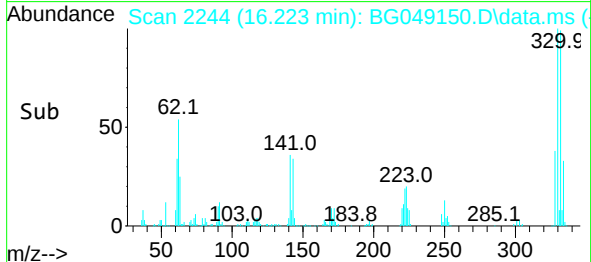
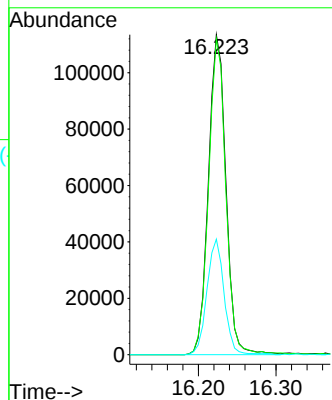
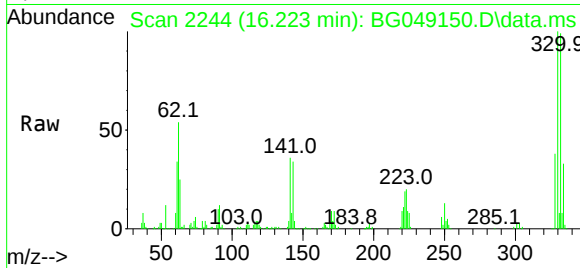




#42
2,4,6-Tribromophenol
Concen: 119.341 ng
RT: 16.223 min Scan# 2244
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

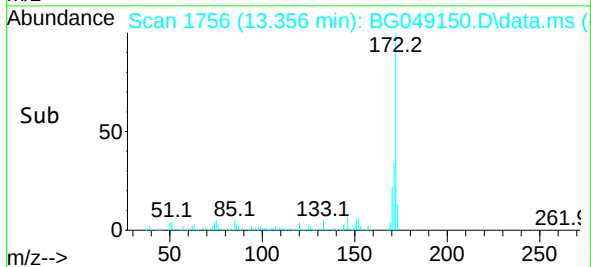
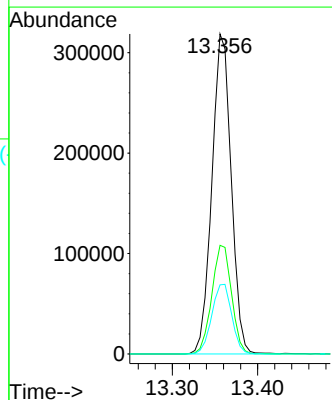
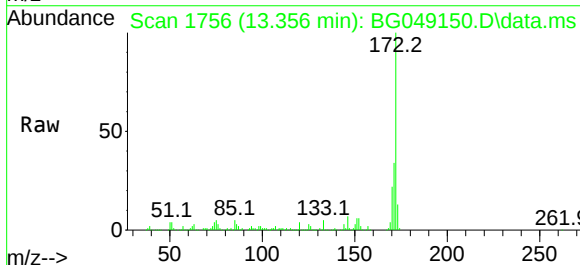
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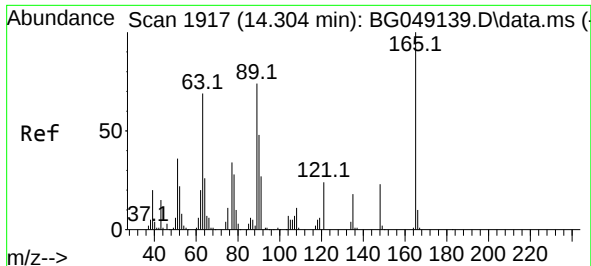
Tgt Ion:330 Resp: 177516
Ion Ratio Lower Upper
330 100
332 97.8 77.3 115.9
141 35.4 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 78.687 ng
RT: 13.356 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Tgt Ion:172 Resp: 500445
Ion Ratio Lower Upper
172 100
171 34.0 28.6 43.0
170 21.6 18.6 27.8

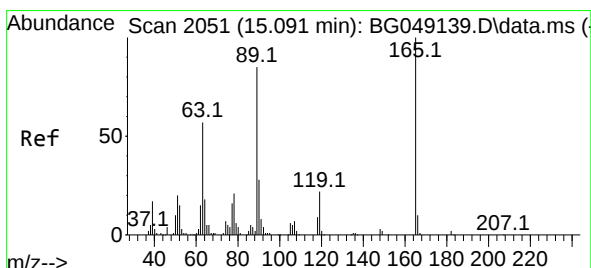
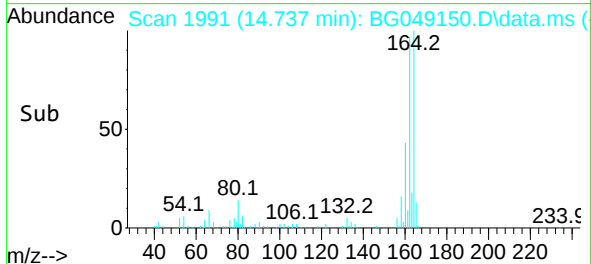
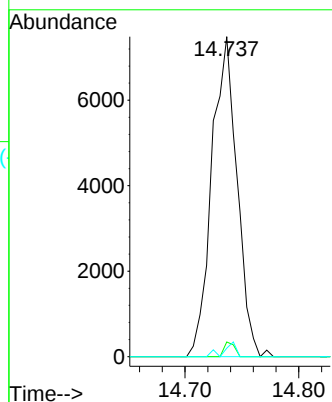
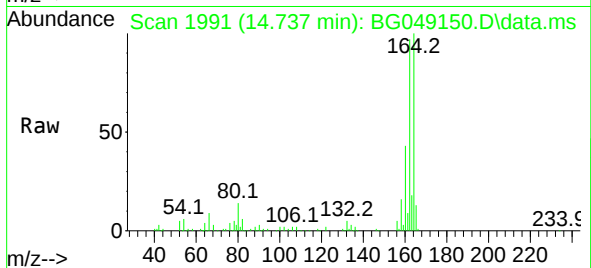




#51
2,6-Dinitrotoluene
Concen: 7.330 ng
RT: 14.737 min Scan# 1991
Delta R.T. 0.433 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

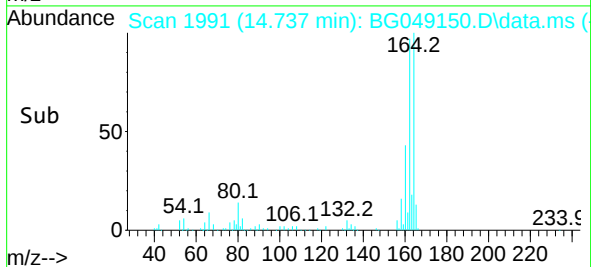
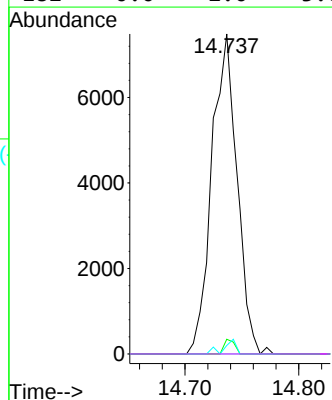
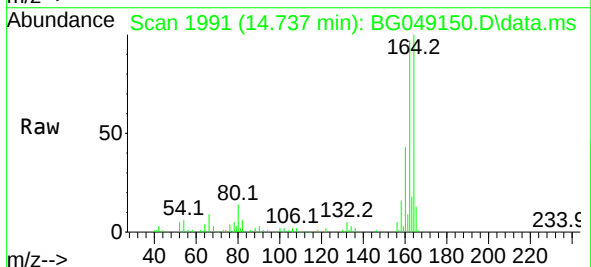
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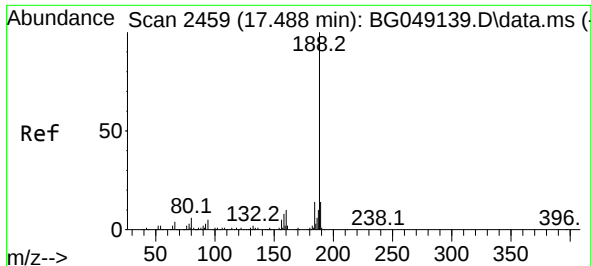
Tgt Ion:165 Resp: 11571
Ion Ratio Lower Upper
165 100
63 4.6 63.3 94.9#
89 2.7 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.160 ng
RT: 14.737 min Scan# 1991
Delta R.T. -0.355 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Tgt Ion:165 Resp: 11571
Ion Ratio Lower Upper
165 100
63 4.6 48.0 72.0#
89 2.7 65.4 98.0#
182 0.0 2.0 3.0#

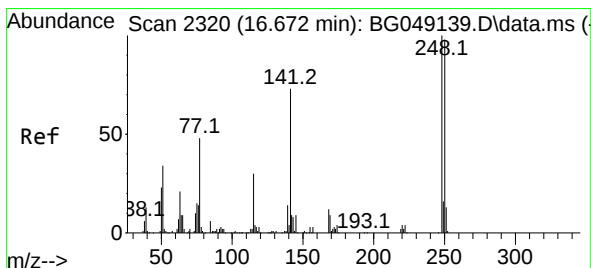
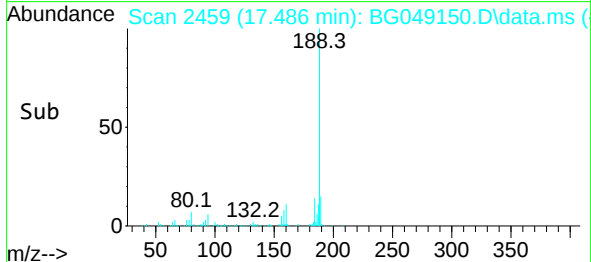
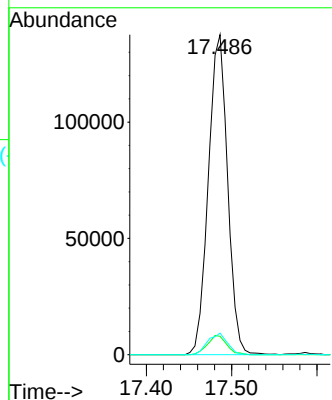
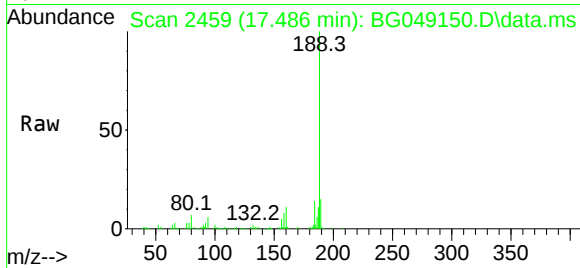




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2459
Delta R.T. -0.002 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

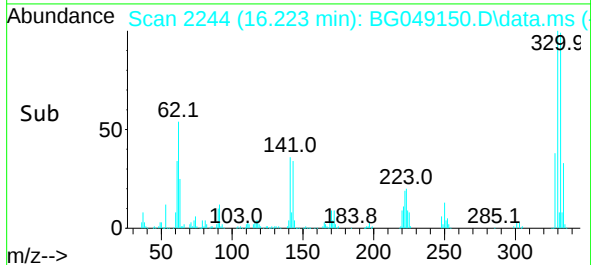
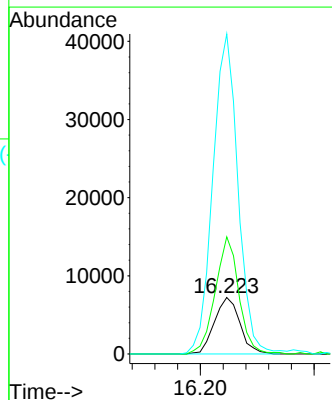
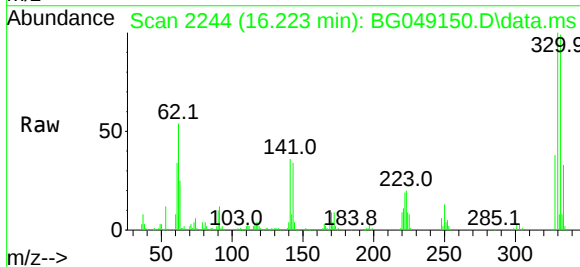
Instrument :
BNA_G
ClientSampleId :
PB137435BL

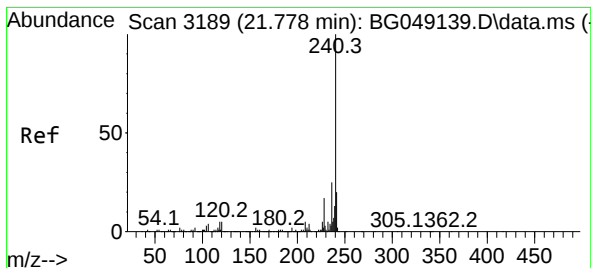
Tgt Ion:188 Resp: 215536
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 6.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.851 ng
RT: 16.223 min Scan# 2244
Delta R.T. -0.449 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Tgt Ion:248 Resp: 11199
Ion Ratio Lower Upper
248 100
250 207.4 76.1 114.1#
141 566.6 65.4 98.2#

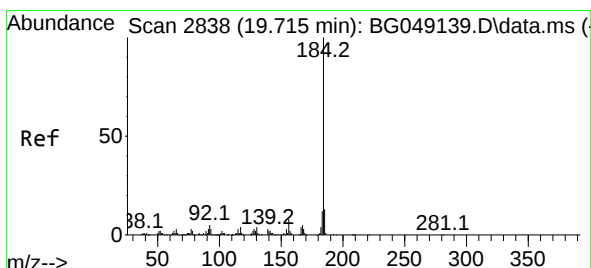
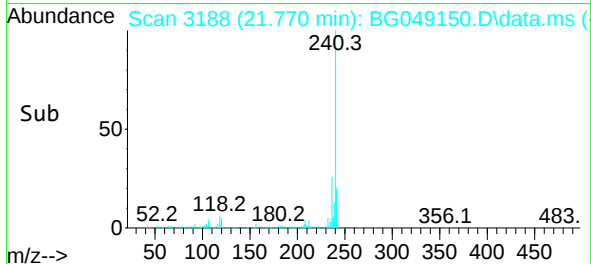
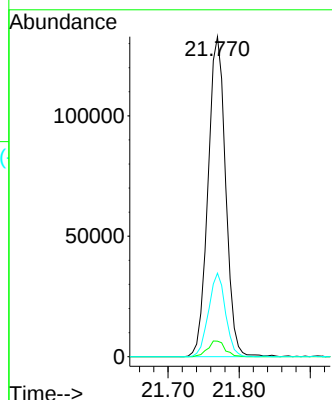
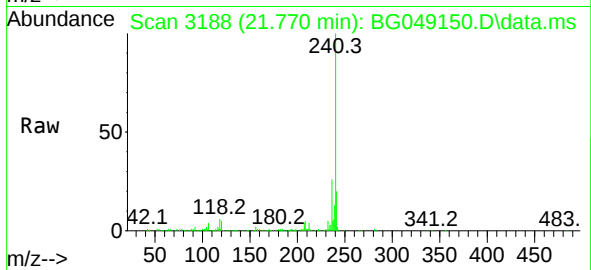




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3188
Delta R.T. -0.008 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

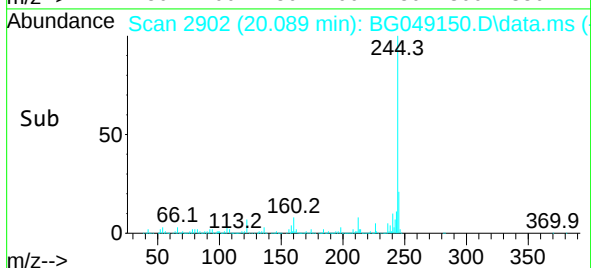
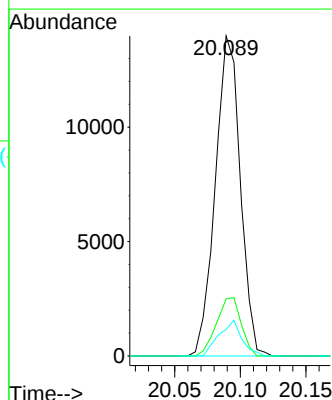
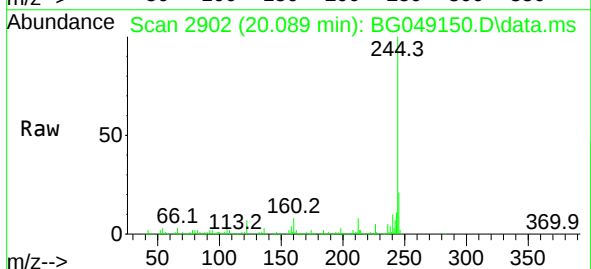
Instrument :
BNA_G
ClientSampleId :
PB137435BL

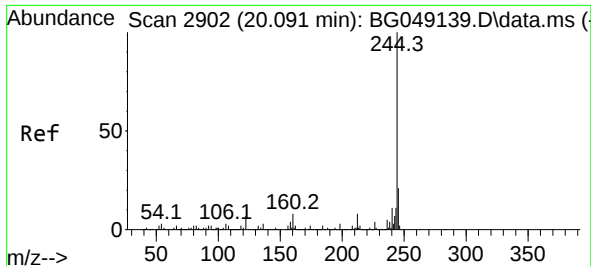
Tgt Ion:240 Resp: 228514
Ion Ratio Lower Upper
240 100
120 4.9 4.2 6.2
236 26.1 21.8 32.6



#77
Benzidine
Concen: 3.762 ng
RT: 20.089 min Scan# 2902
Delta R.T. 0.374 min
Lab File: BG049150.D
Acq: 1 Jul 2021 12:30

Tgt Ion:184 Resp: 18467
Ion Ratio Lower Upper
184 100
185 17.8 10.7 16.1#
183 8.3 9.4 14.0#



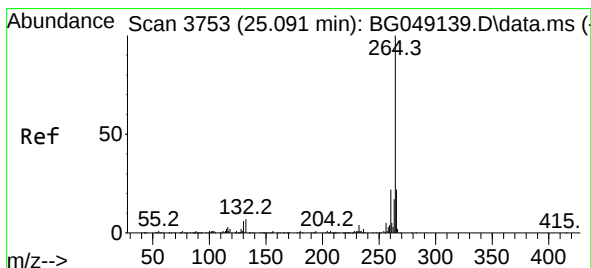
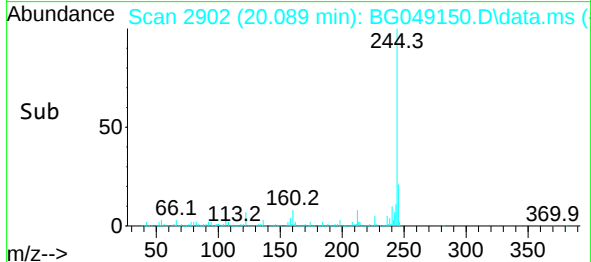
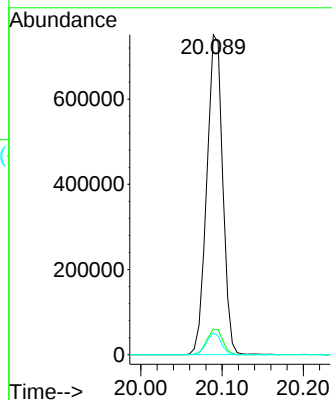
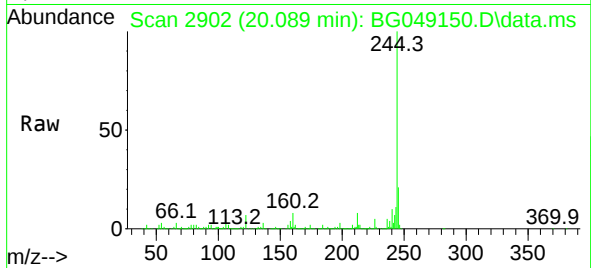


#79
 Terphenyl-d14
 Concen: 75.545 ng
 RT: 20.089 min Scan# 2902
 Delta R.T. -0.002 min
 Lab File: BG049150.D
 Acq: 1 Jul 2021 12:30

Instrument :
 BNA_G
 ClientSampleId :
 PB137435BL

Tgt Ion:244 Resp: 1018762

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	6.8	5.0	7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.083 min Scan# 3752
 Delta R.T. -0.008 min
 Lab File: BG049150.D
 Acq: 1 Jul 2021 12:30

Tgt Ion:264 Resp: 234291

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	20.9	16.9	25.3

