

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
 Data File : BG049405.D
 Acq On : 22 Jul 2021 9:01
 Operator : CG/JU
 Sample : PB137642BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB137642BL

Quant Time: Jul 22 10:52:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:57:05 2021
 Response via : Initial Calibration

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

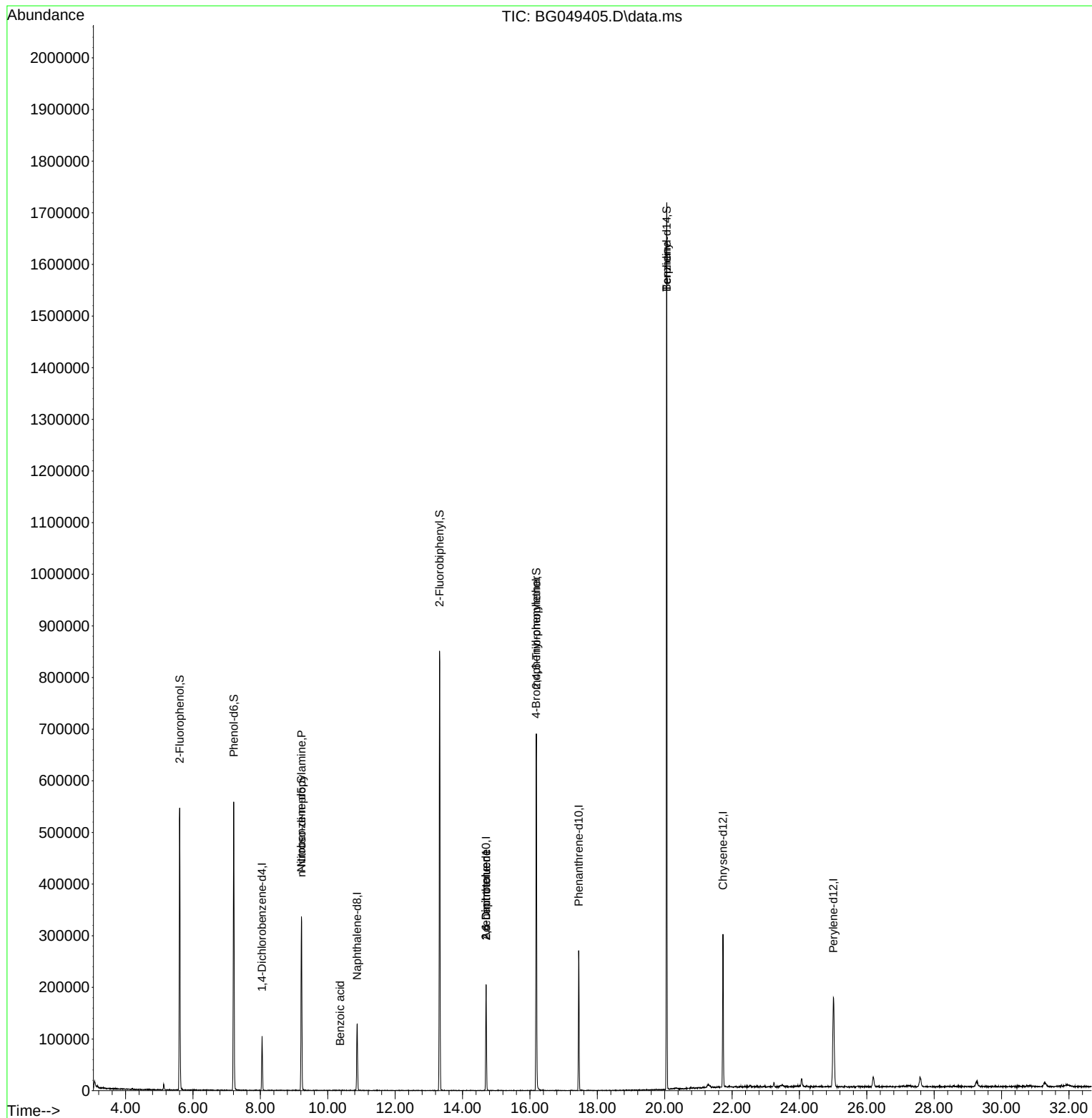
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	28624	20.000	ng	0.00
21) Naphthalene-d8	10.868	136	110902	20.000	ng	# 0.00
39) Acenaphthene-d10	14.698	164	74276	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	164231	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	181508	20.000	ng	0.00
86) Perylene-d12	25.008	264	186256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	221574	131.332	ng	0.00
7) Phenol-d6	7.209	99	294963	120.046	ng	0.00
23) Nitrobenzene-d5	9.218	82	211907	85.610	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	130158	130.853	ng	0.00
45) 2-Fluorobiphenyl	13.318	172	434312	84.138	ng	0.00
79) Terphenyl-d14	20.062	244	806947	86.824	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.224	70	30910	19.146	ng	# 66
32) Benzoic acid	10.363	122	73	5.504	ng	# 1
51) 2,6-Dinitrotoluene	14.698	165	9749	8.321	ng	# 10
57) 2,4-Dinitrotoluene	14.698	165	9749	6.021	ng	# 15
67) 4-Bromophenyl-phenylether	16.185	248	7737	4.159	ng	# 1
77) Benzidine	20.062	184	15959	3.177	ng	# 86

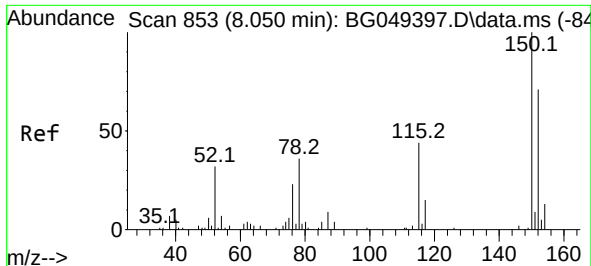
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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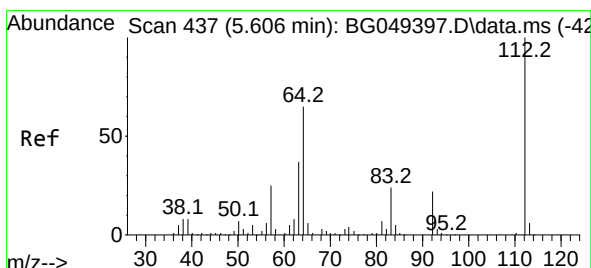
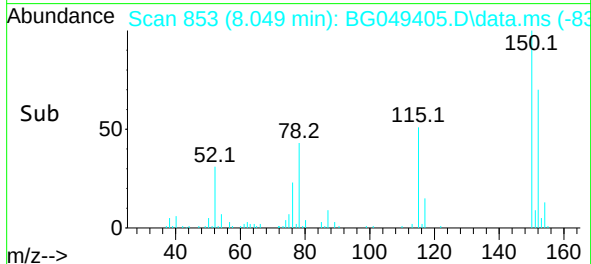
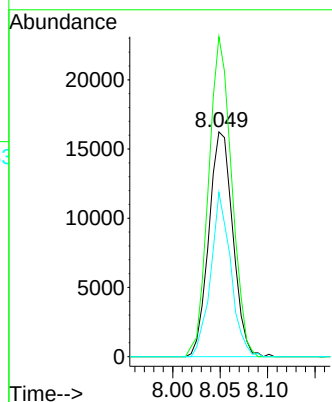
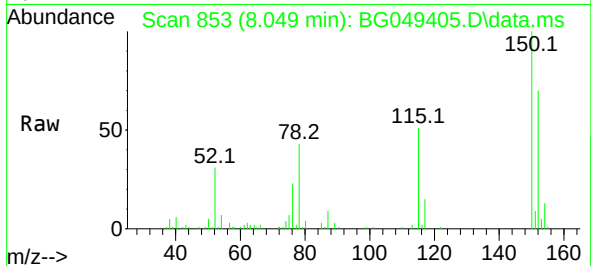




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.049 min Scan# 853
Delta R.T. -0.001 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

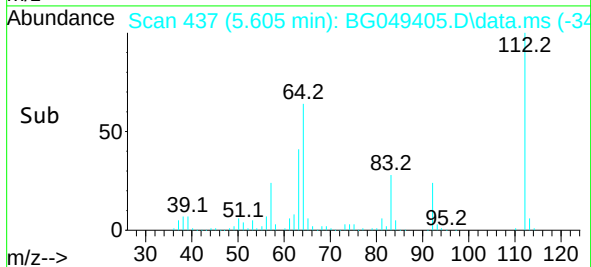
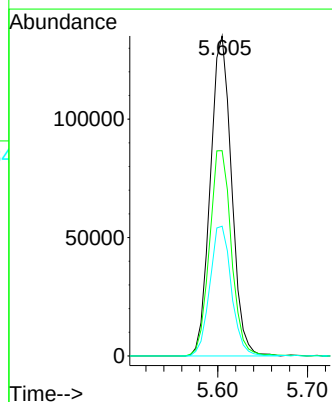
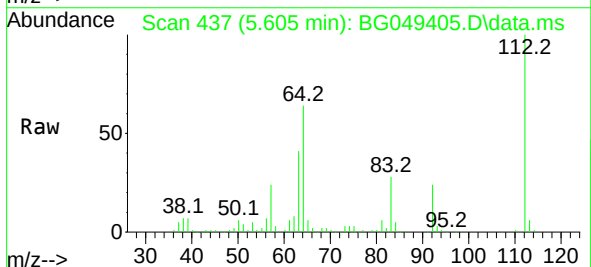
Instrument :
BNA_G
ClientSampleId :
PB137642BL

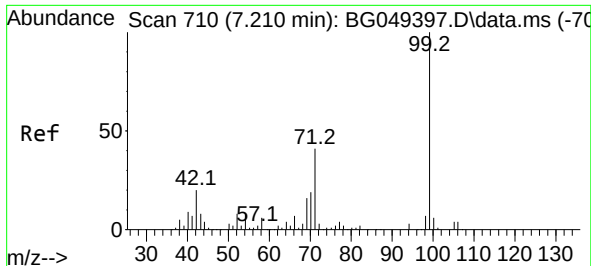
Tgt Ion:152 Resp: 28624
Ion Ratio Lower Upper
152 100
150 142.4 119.4 179.0
115 73.1 60.2 90.4



#5
2-Fluorophenol
Concen: 131.332 ng
RT: 5.605 min Scan# 437
Delta R.T. -0.001 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

Tgt Ion:112 Resp: 221574
Ion Ratio Lower Upper
112 100
64 64.2 46.7 70.1
63 40.6 35.3 52.9

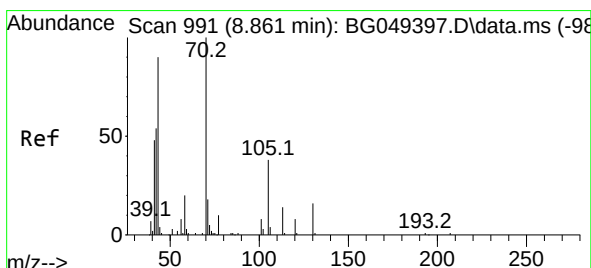
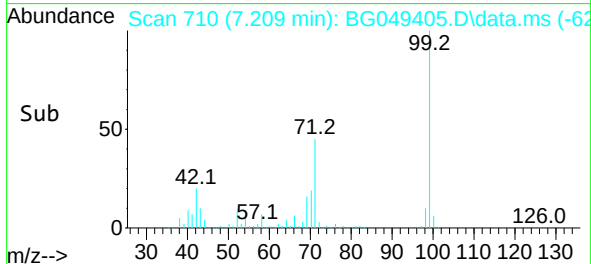
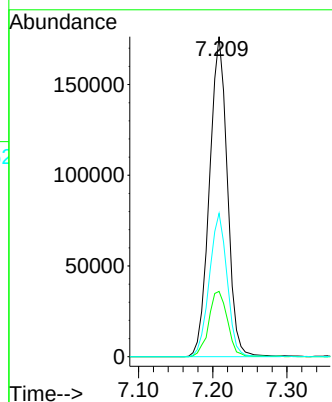
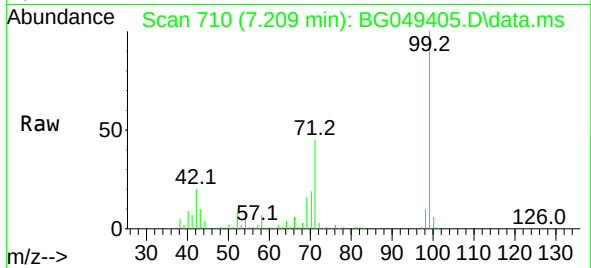




#7
Phenol-d6
Concen: 120.046 ng
RT: 7.209 min Scan# 710
Delta R.T. -0.001 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

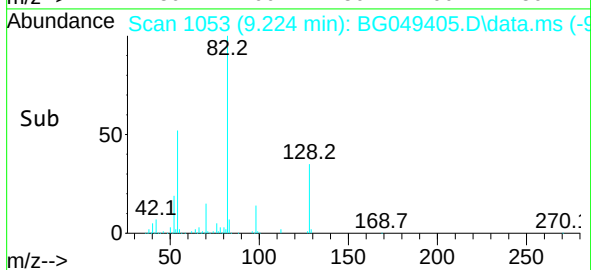
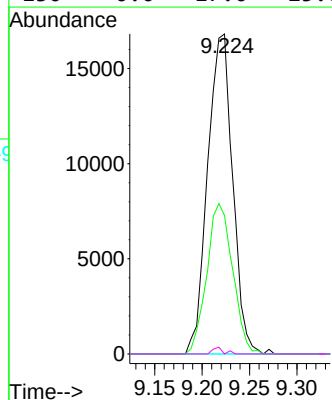
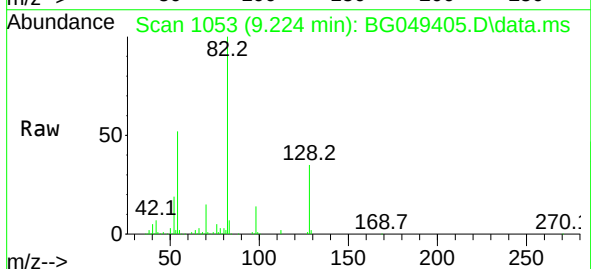
Instrument :
BNA_G
ClientSampleId :
PB137642BL

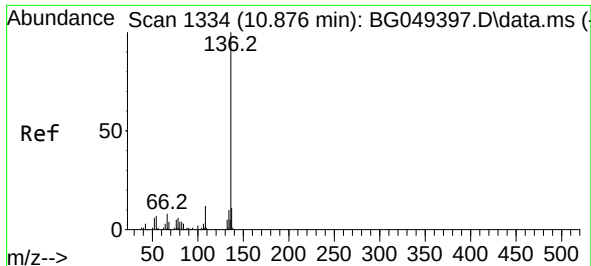
Tgt Ion: 99 Resp: 294963
Ion Ratio Lower Upper
99 100
42 20.4 20.5 30.7#
71 44.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.146 ng
RT: 9.224 min Scan# 1053
Delta R.T. 0.363 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

Tgt Ion: 70 Resp: 30910
Ion Ratio Lower Upper
70 100
42 43.3 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

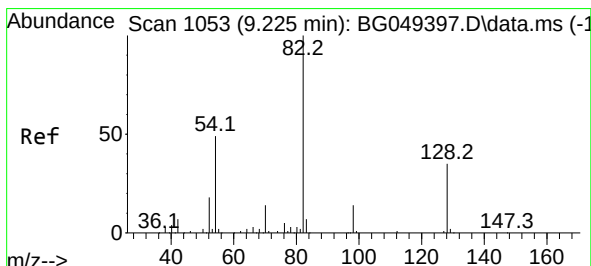
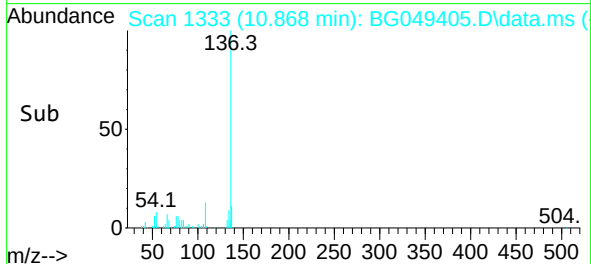
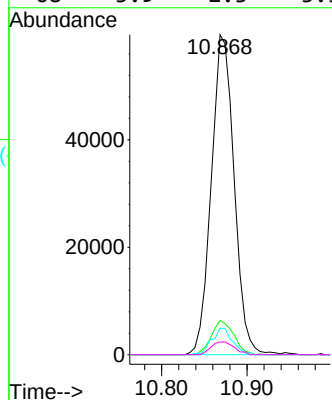
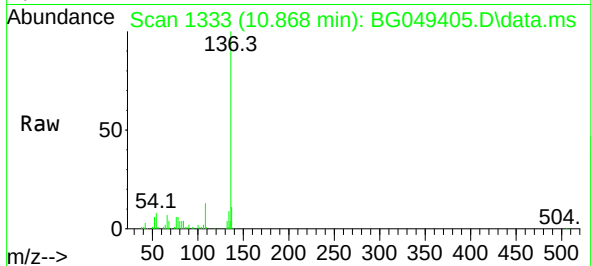




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.868 min Scan# 1333
Delta R.T. -0.008 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

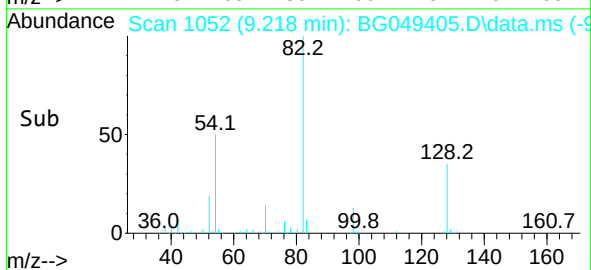
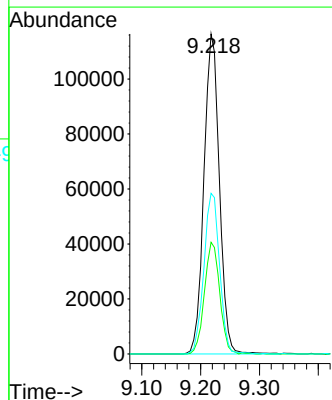
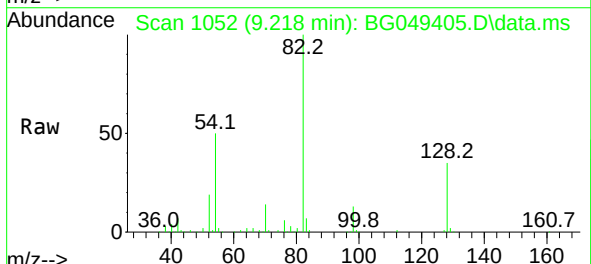
Instrument :
BNA_G
ClientSampleId :
PB137642BL

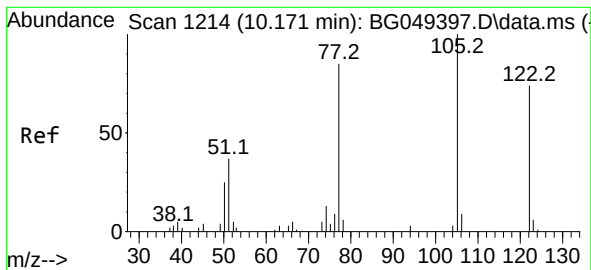
Tgt Ion:	136	Resp:	110902
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.2	12.2
54	8.2	5.5	8.3
68	3.9	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 85.610 ng
RT: 9.218 min Scan# 1052
Delta R.T. -0.007 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

Tgt Ion:	82	Resp:	211907
Ion Ratio	Lower	Upper	
82	100		
128	34.9	29.8	44.6
54	50.2	45.8	68.8

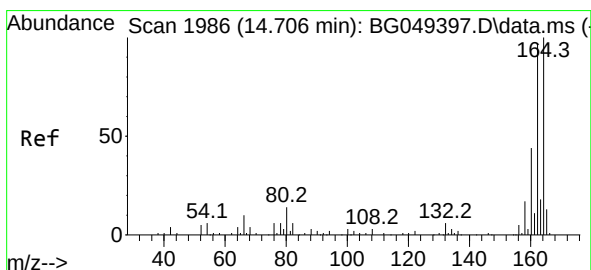
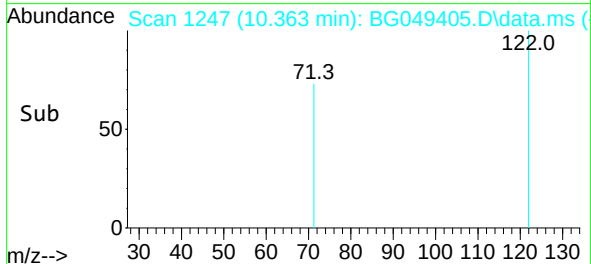
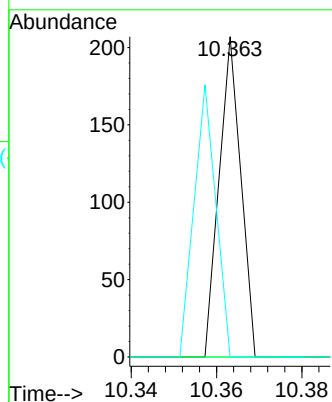
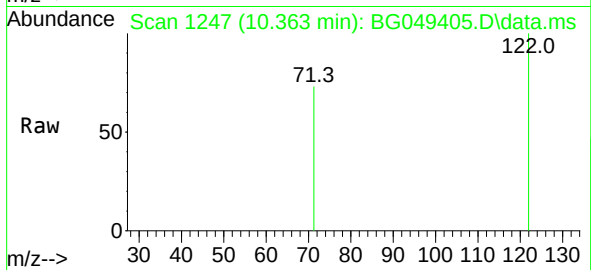




#32
Benzoic acid
Concen: 5.504 ng
RT: 10.363 min Scan# 1247
Delta R.T. 0.192 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

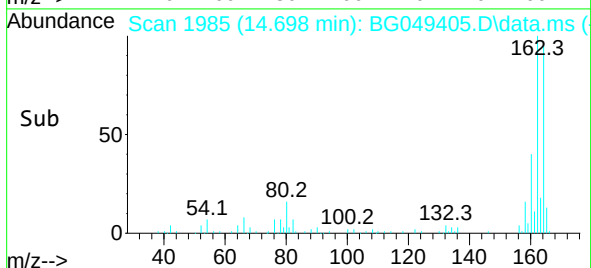
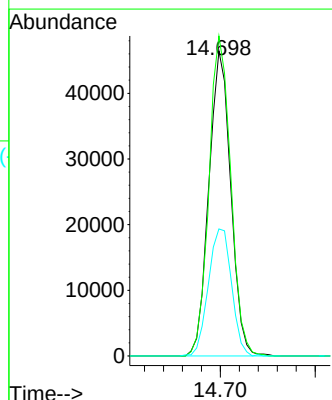
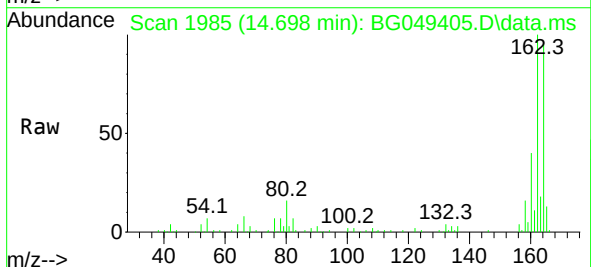
Instrument :
BNA_G
ClientSampleId :
PB137642BL

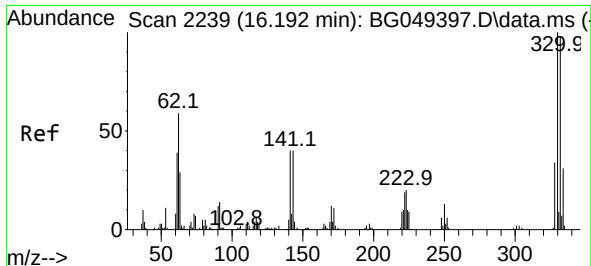
Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1985
Delta R.T. -0.008 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

Tgt Ion:164 Resp: 74276
Ion Ratio Lower Upper
164 100
162 104.9 81.4 122.0
160 41.7 34.9 52.3

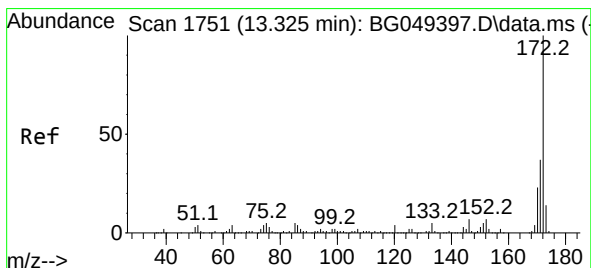
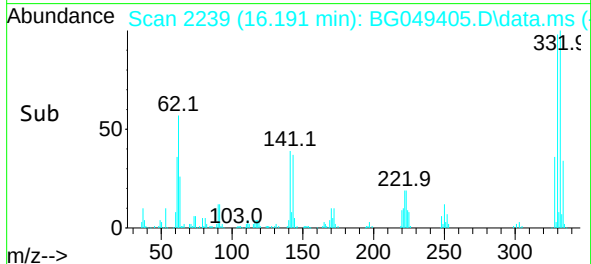
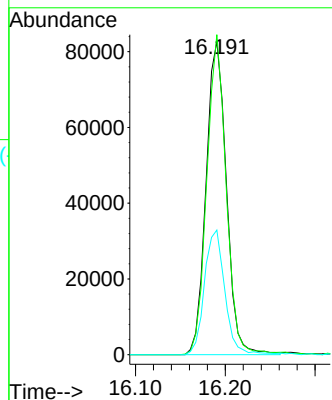
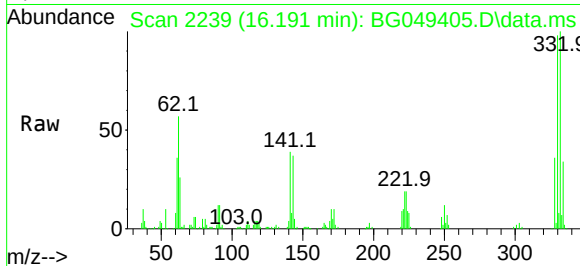




#42
2,4,6-Tribromophenol
Concen: 130.853 ng
RT: 16.191 min Scan# 2239
Delta R.T. -0.001 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

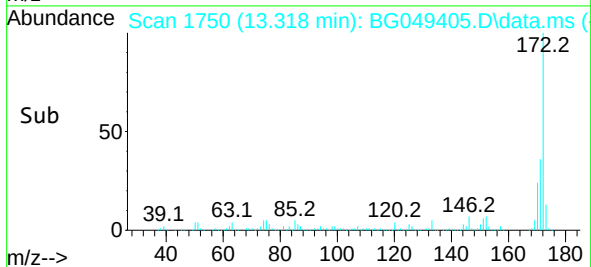
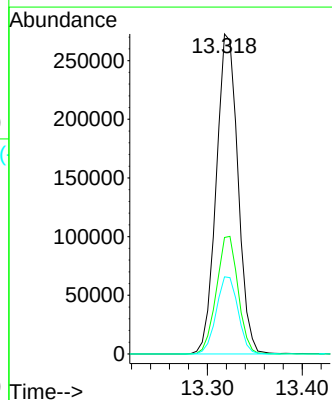
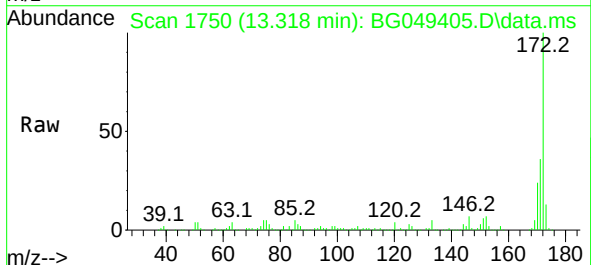
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ClientSampleId :
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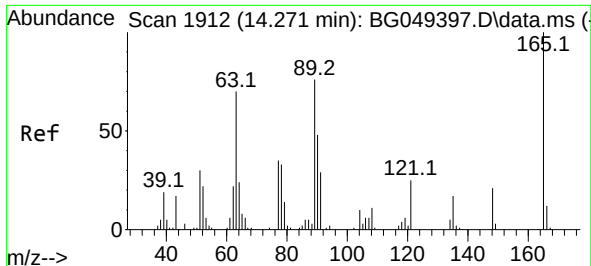
Tgt Ion:330 Resp: 130158
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 39.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 84.138 ng
RT: 13.318 min Scan# 1750
Delta R.T. -0.007 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

Tgt Ion:172 Resp: 434312
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.1 18.6 27.8

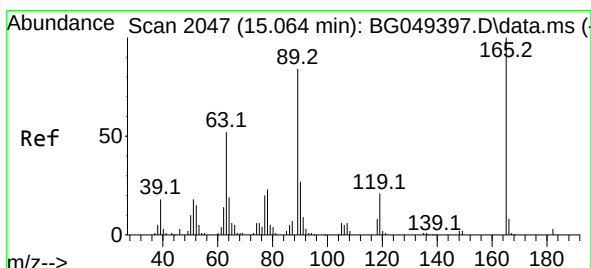
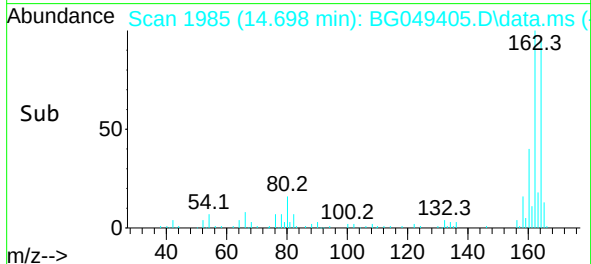
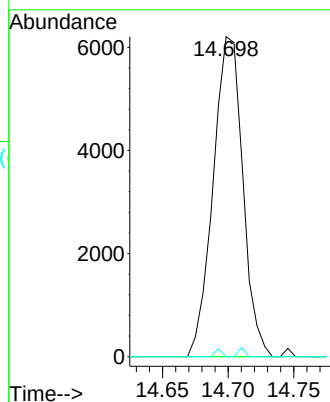
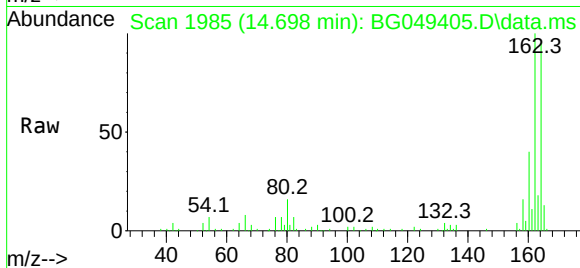




#51
2,6-Dinitrotoluene
Concen: 8.321 ng
RT: 14.698 min Scan# 1985
Delta R.T. 0.428 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

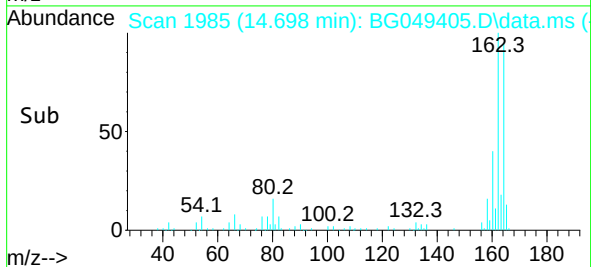
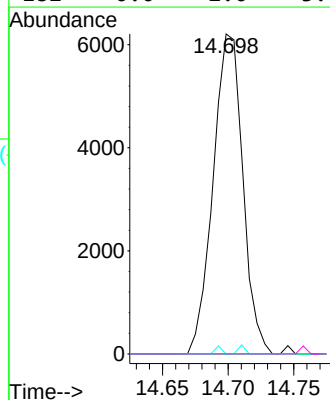
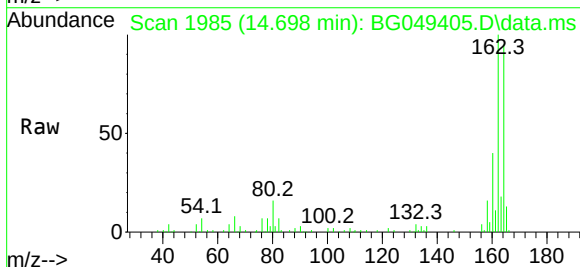
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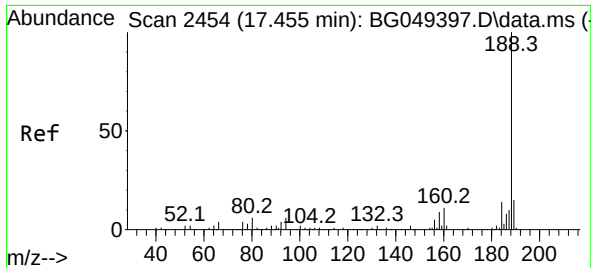
Tgt Ion:165 Resp: 9749
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.021 ng
RT: 14.698 min Scan# 1985
Delta R.T. -0.366 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

Tgt Ion:165 Resp: 9749
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#

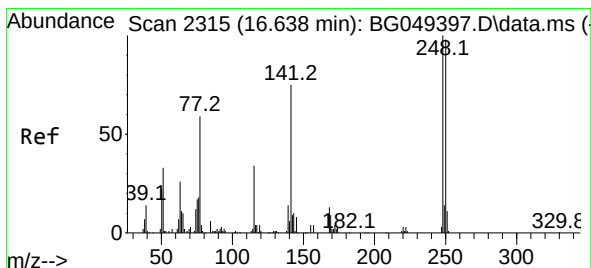
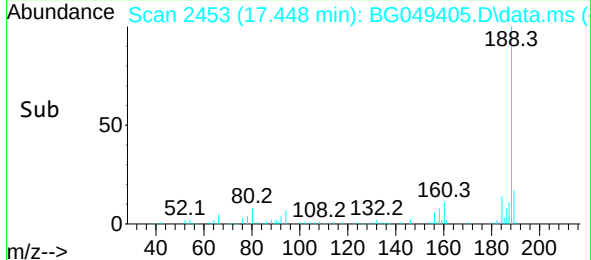
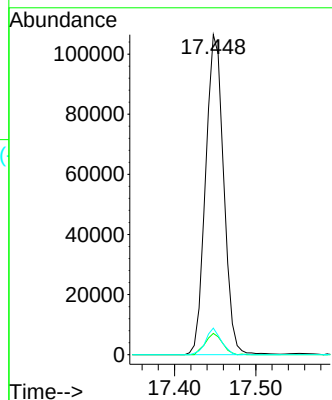
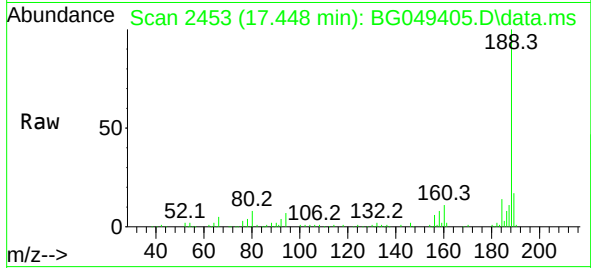




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2453
Delta R.T. -0.007 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

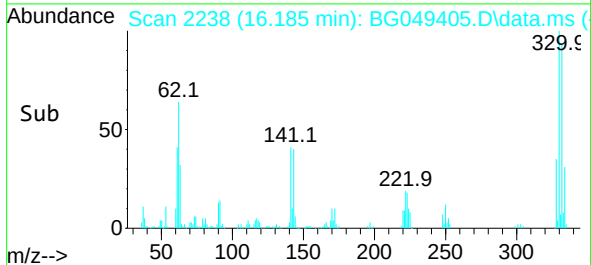
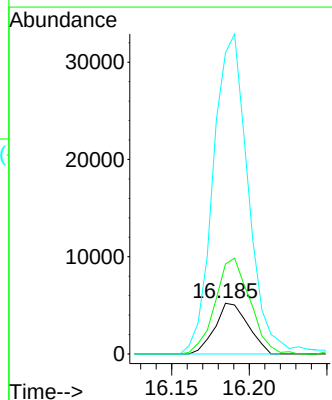
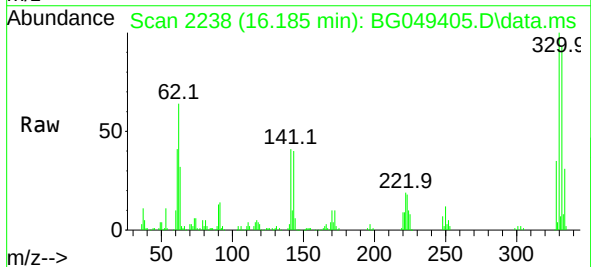
Instrument :
BNA_G
ClientSampleId :
PB137642BL

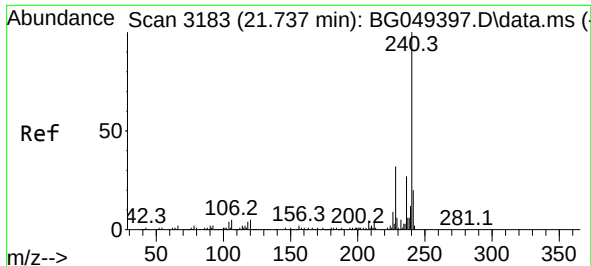
Tgt Ion:188 Resp: 164231
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 8.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.159 ng
RT: 16.185 min Scan# 2238
Delta R.T. -0.454 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

Tgt Ion:248 Resp: 7737
Ion Ratio Lower Upper
248 100
250 177.5 76.1 114.1#
141 594.4 65.4 98.2#

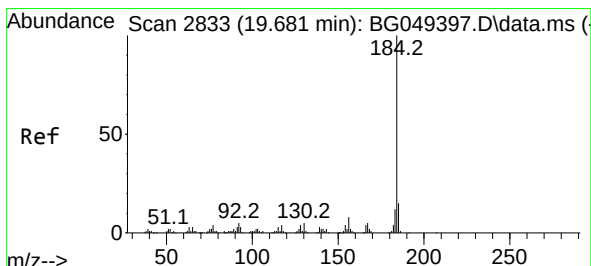
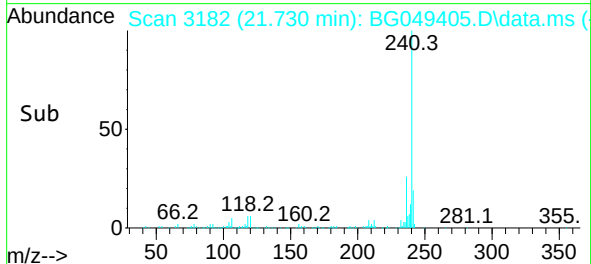
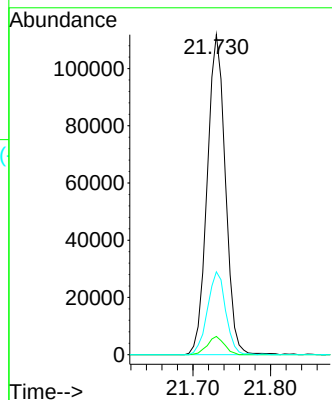
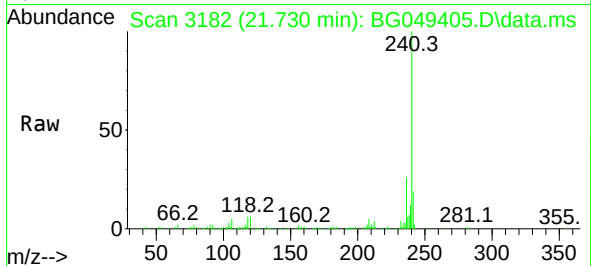




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

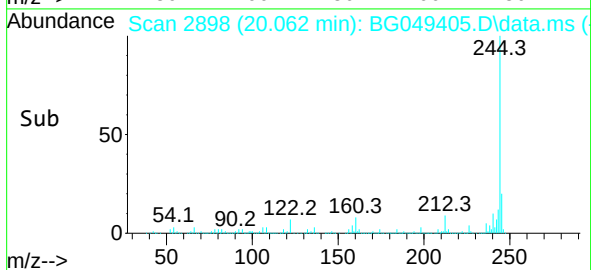
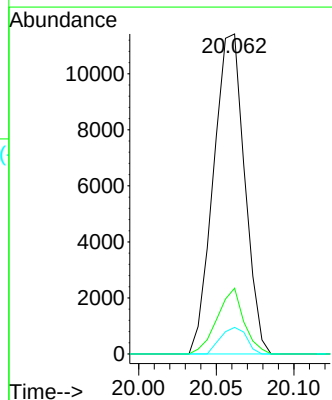
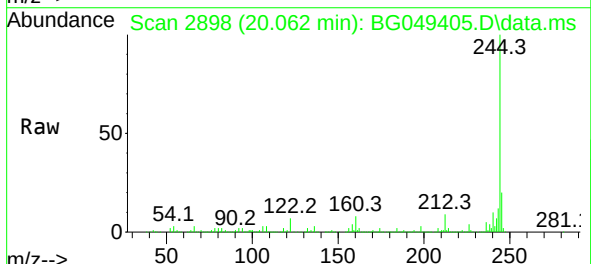
Instrument :
BNA_G
ClientSampleId :
PB137642BL

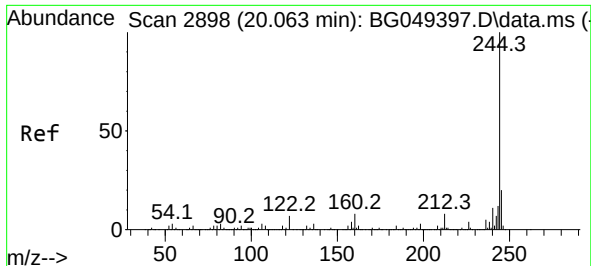
Tgt Ion:240 Resp: 181508
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.2
236 25.9 21.8 32.6



#77
Benzidine
Concen: 3.177 ng
RT: 20.062 min Scan# 2898
Delta R.T. 0.381 min
Lab File: BG049405.D
Acq: 22 Jul 2021 9:01

Tgt Ion:184 Resp: 15959
Ion Ratio Lower Upper
184 100
185 20.5 10.7 16.1#
183 8.3 9.4 14.0#

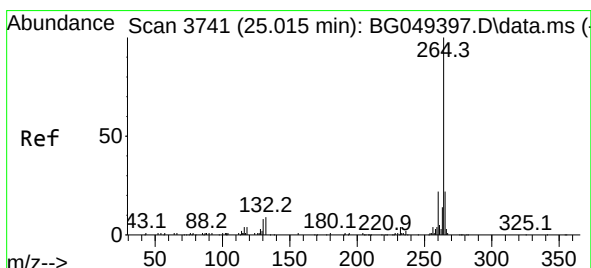
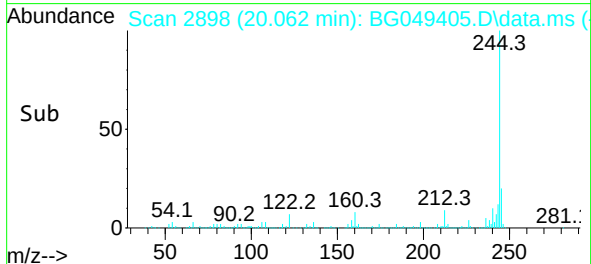
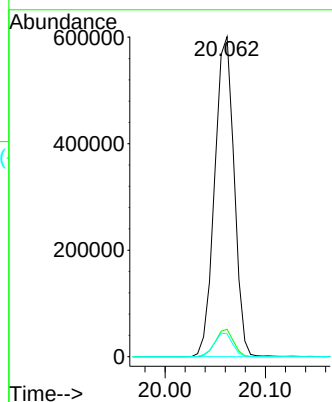
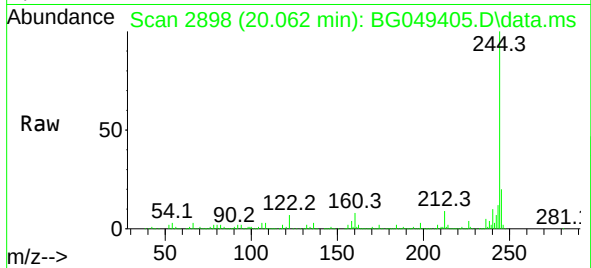




#79
 Terphenyl-d14
 Concen: 86.824 ng
 RT: 20.062 min Scan# 2898
 Delta R.T. -0.001 min
 Lab File: BG049405.D
 Acq: 22 Jul 2021 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PB137642BL

Tgt Ion:244 Resp: 806947
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 7.1 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.008 min Scan# 3740
 Delta R.T. -0.007 min
 Lab File: BG049405.D
 Acq: 22 Jul 2021 9:01

Tgt Ion:264 Resp: 186256
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.4 29.2
 265 21.4 16.9 25.3

