

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
 Data File : BG049088.D
 Acq On : 24 Jun 2021 20:57
 Operator : CG/JU
 Sample : M2799-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-8

Quant Time: Jun 25 05:33:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 11:02:36 2021
 Response via : Initial Calibration

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

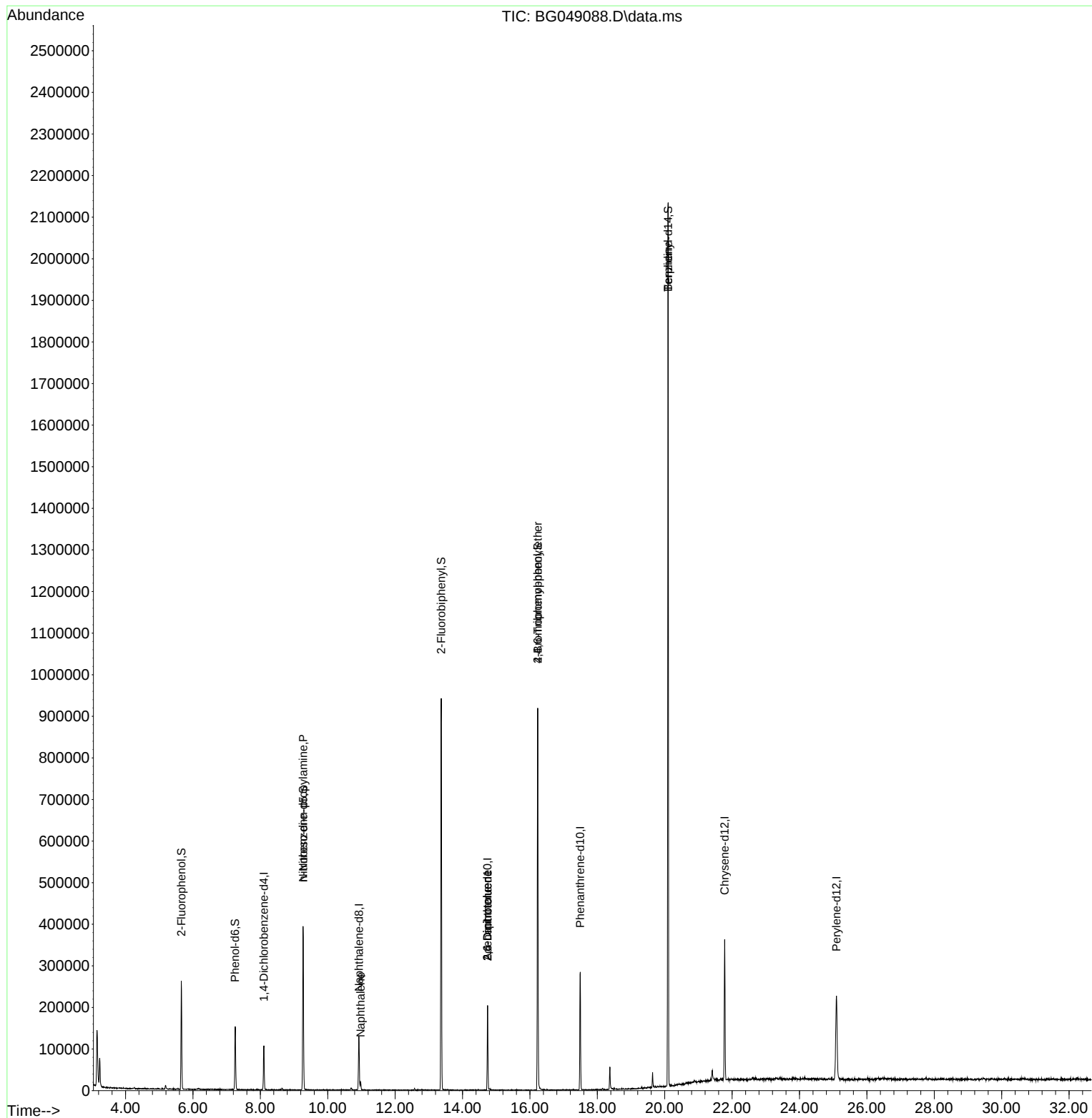
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	26252	20.000	ng	0.00
21) Naphthalene-d8	10.925	136	106093	20.000	ng	# 0.00
39) Acenaphthene-d10	14.744	164	75132	20.000	ng	0.00
64) Phenanthrene-d10	17.494	188	184791	20.000	ng	# 0.00
76) Chrysene-d12	21.777	240	220754	20.000	ng	-0.01
86) Perylene-d12	25.097	264	230820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	101197	60.007	ng	0.00
7) Phenol-d6	7.253	99	78672	31.125	ng	0.00
23) Nitrobenzene-d5	9.269	82	226992	92.257	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	181048	162.648	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	487520	91.665	ng	0.00
79) Terphenyl-d14	20.103	244	1051427	87.228	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.269	70	34663	17.544	ng	# 71
31) Naphthalene	10.972	128	15587	2.466	ng	# 93
51) 2,6-Dinitrotoluene	14.744	165	9772	8.199	ng	# 11
57) 2,4-Dinitrotoluene	14.744	165	9772	6.675	ng	# 17
67) 4-Bromophenyl-phenylether	16.231	248	11829	5.127	ng	# 1
77) Benzidine	20.103	184	20238	4.551	ng	# 94

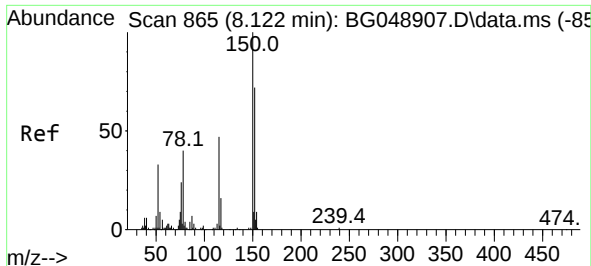
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
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Misc :
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Instrument :
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QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

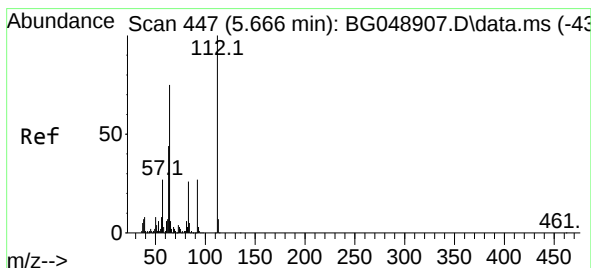
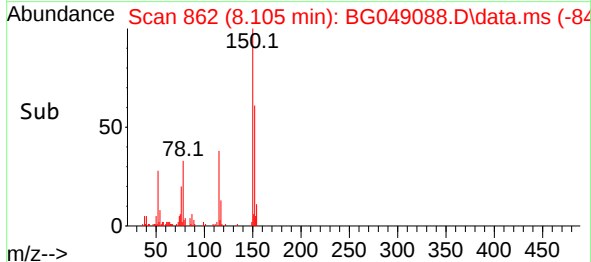
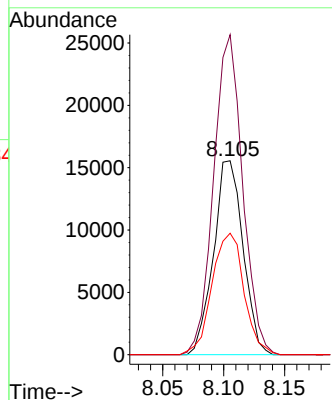
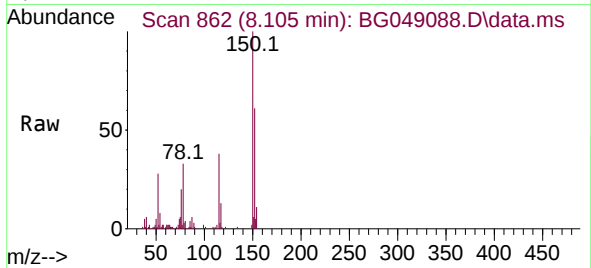




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 862
Delta R.T. 0.000 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

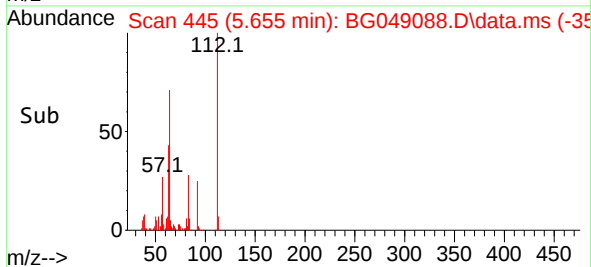
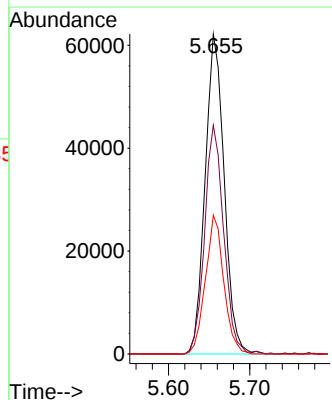
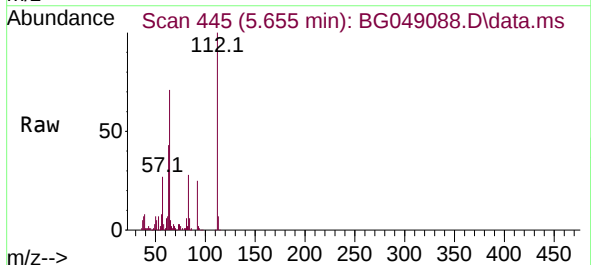
Instrument :
BNA_G
ClientSampled :
MW-8

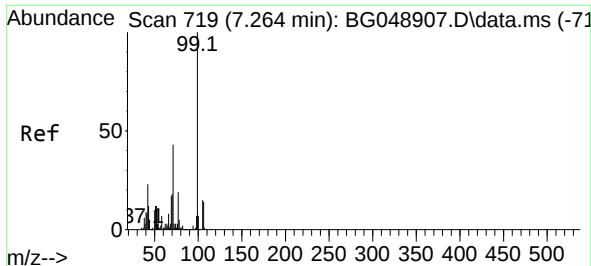
Tgt Ion:152 Resp: 26252
Ion Ratio Lower Upper
152 100
150 165.0 119.4 179.0
115 62.6 60.2 90.4



#5
2-Fluorophenol
Concen: 60.007 ng
RT: 5.655 min Scan# 445
Delta R.T. -0.000 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

Tgt Ion:112 Resp: 101197
Ion Ratio Lower Upper
112 100
64 71.5 46.7 70.1#
63 43.3 35.3 52.9

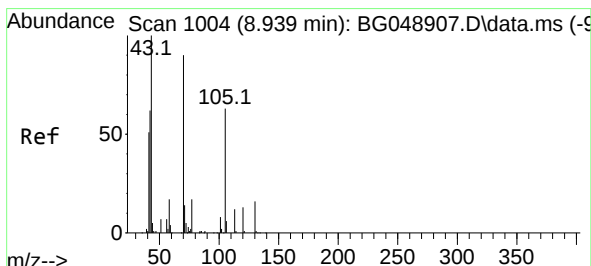
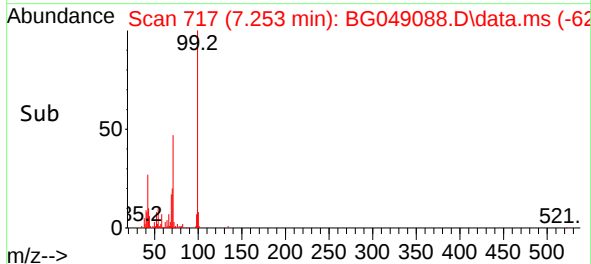
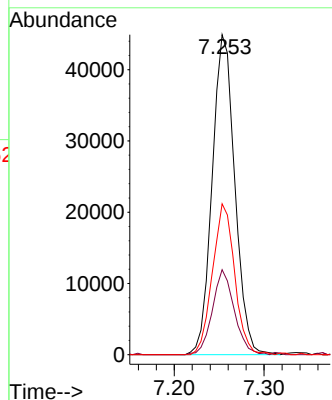
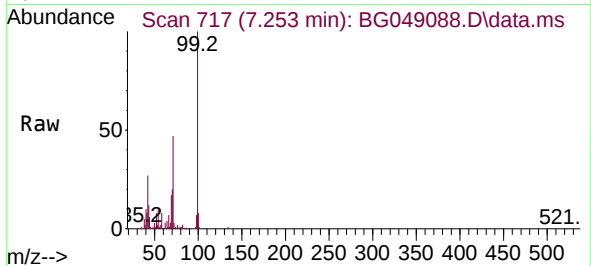




#7
Phenol-d6
Concen: 31.125 ng
RT: 7.253 min Scan# 717
Delta R.T. -0.006 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

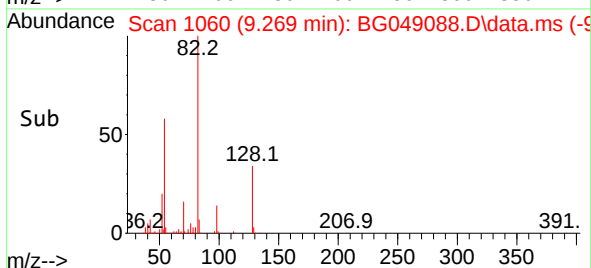
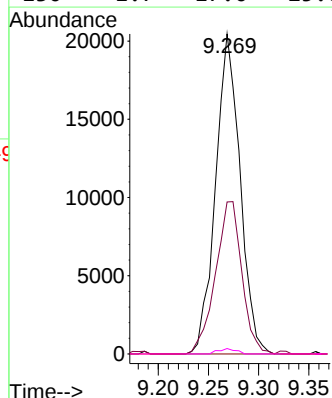
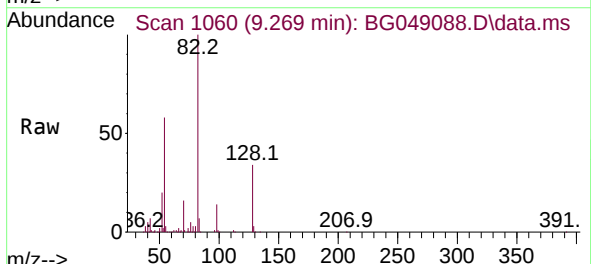
Instrument :
BNA_G
ClientSampleId :
MW-8

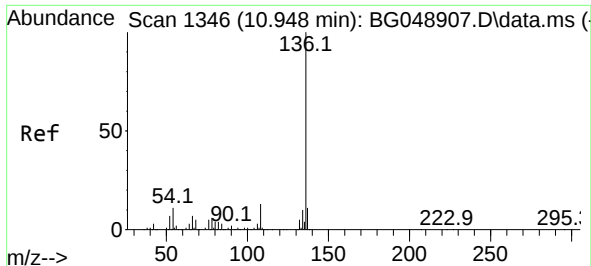
Tgt Ion: 99 Resp: 78672
Ion Ratio Lower Upper
99 100
42 26.6 20.5 30.7
71 47.1 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.544 ng
RT: 9.269 min Scan# 1060
Delta R.T. 0.358 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

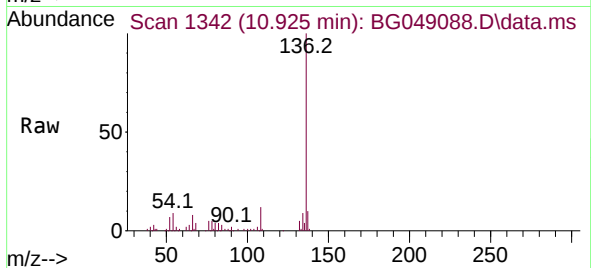
Tgt Ion: 70 Resp: 34663
Ion Ratio Lower Upper
70 100
42 47.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#



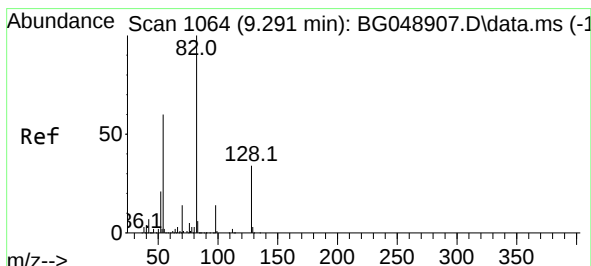
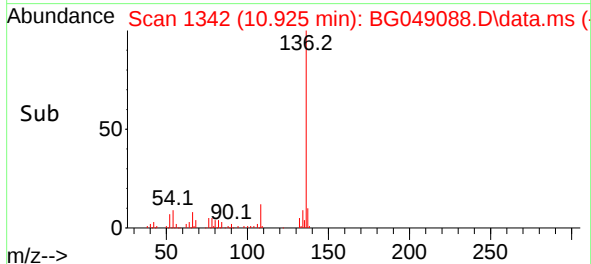
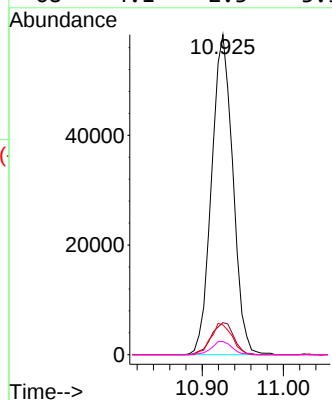


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

Instrument :
BNA_G
ClientSampleId :
MW-8

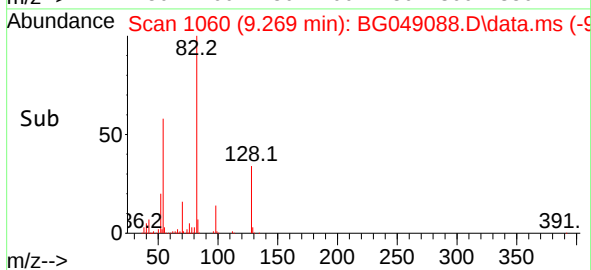
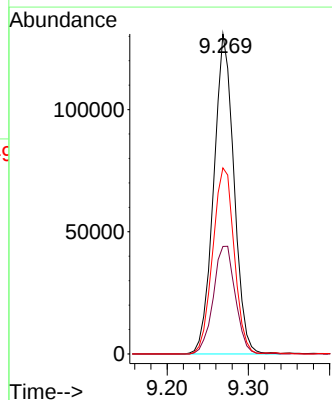
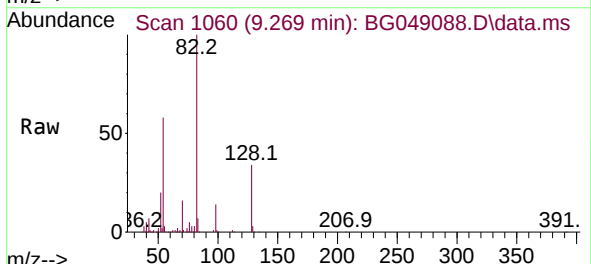


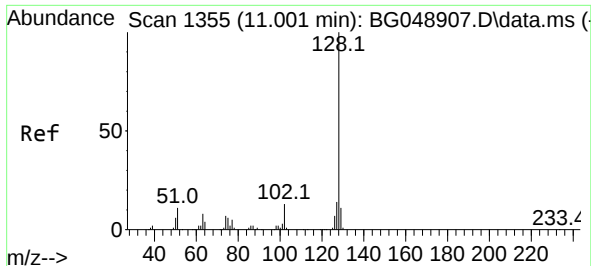
Tgt Ion:	136	Resp:	106093
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.2	12.2
54	9.3	5.5	8.3#
68	4.1	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 92.257 ng
RT: 9.269 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

Tgt Ion:	82	Resp:	226992
Ion Ratio	Lower	Upper	
82	100		
128	33.6	29.8	44.6
54	58.2	45.8	68.8

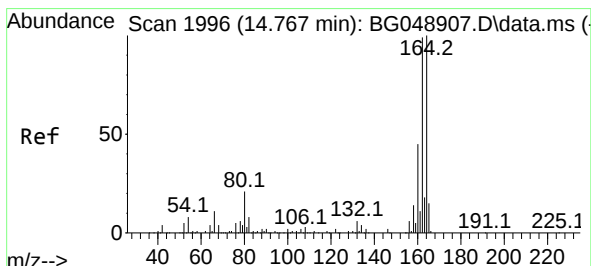
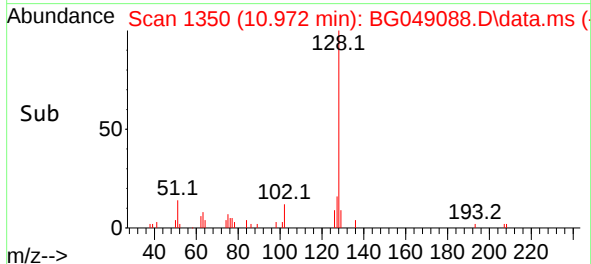
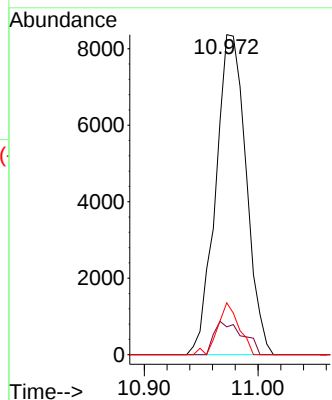
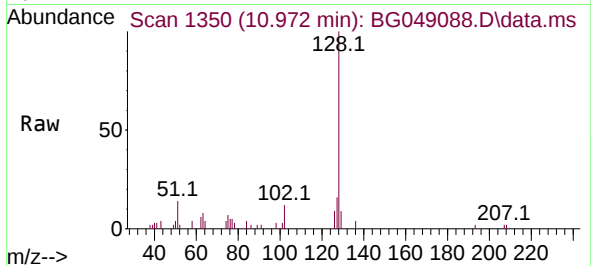




#31
Naphthalene
Concen: 2.466 ng
RT: 10.972 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

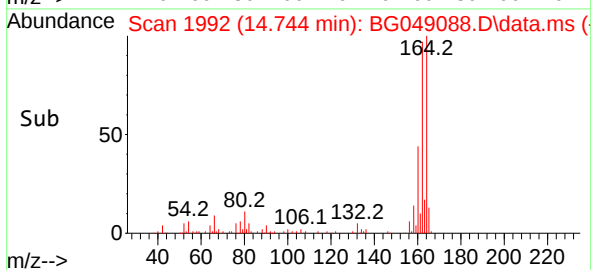
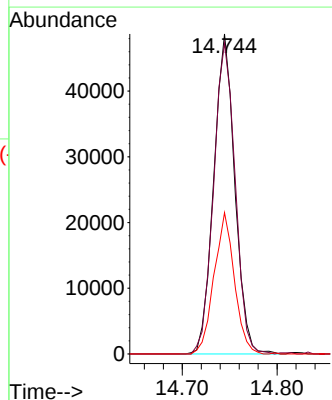
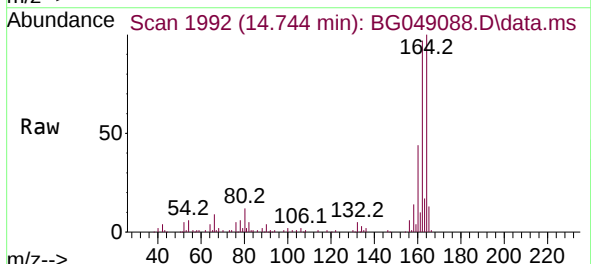
Instrument :
BNA_G
ClientSampled :
MW-8

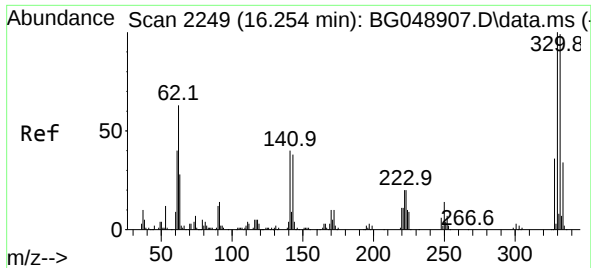
Tgt Ion:128 Resp: 15587
Ion Ratio Lower Upper
128 100
129 8.7 8.5 12.7
127 16.2 10.2 15.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.744 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

Tgt Ion:164 Resp: 75132
Ion Ratio Lower Upper
164 100
162 97.2 81.4 122.0
160 44.2 34.9 52.3

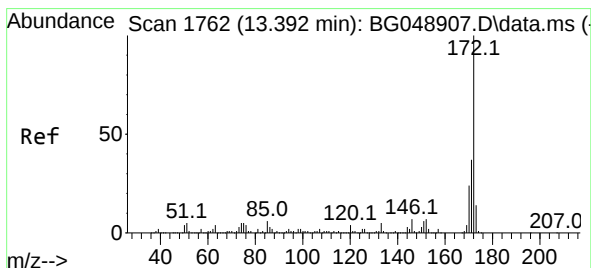
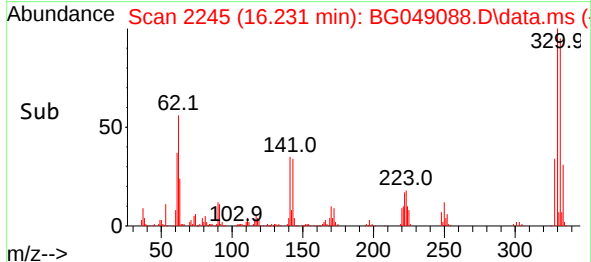
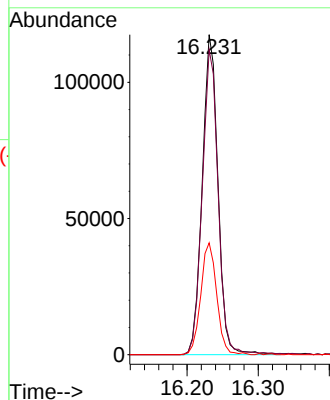
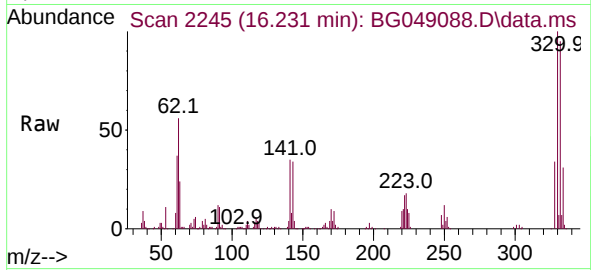




#42
2,4,6-Tribromophenol
Concen: 162.648 ng
RT: 16.231 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

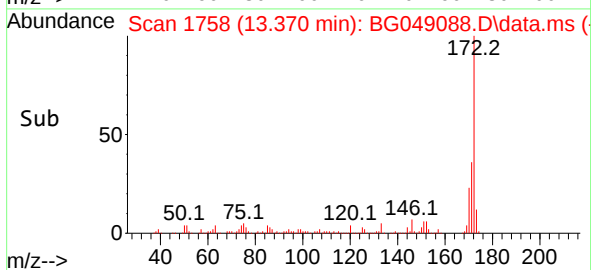
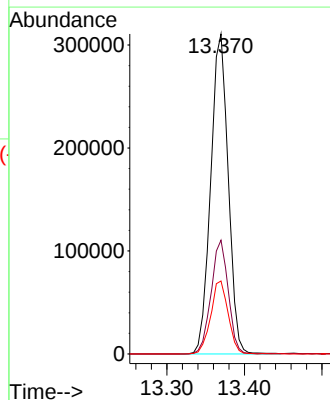
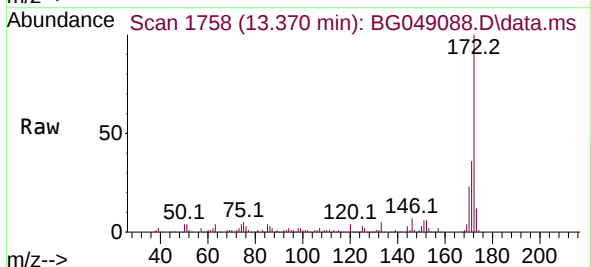
Instrument :
BNA_G
ClientSampled :
MW-8

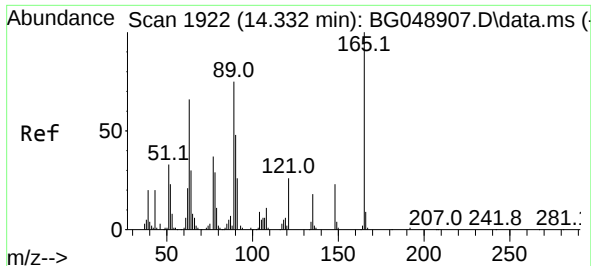
Tgt Ion:330 Resp: 181048
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 35.5 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 91.665 ng
RT: 13.370 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

Tgt Ion:172 Resp: 487520
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 22.8 18.6 27.8

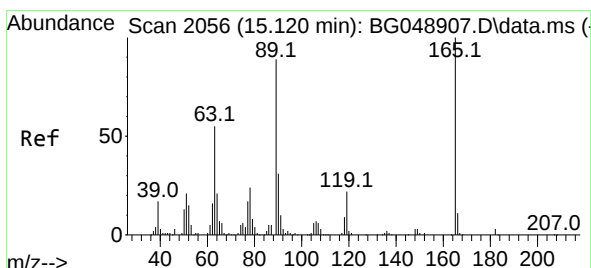
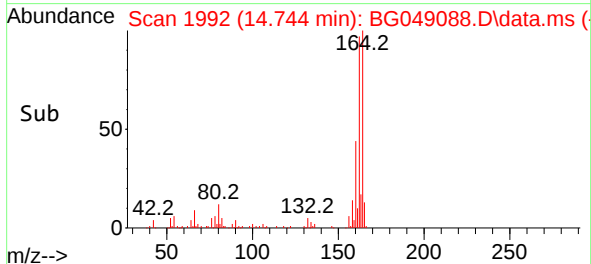
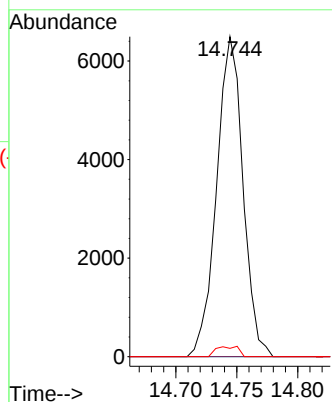
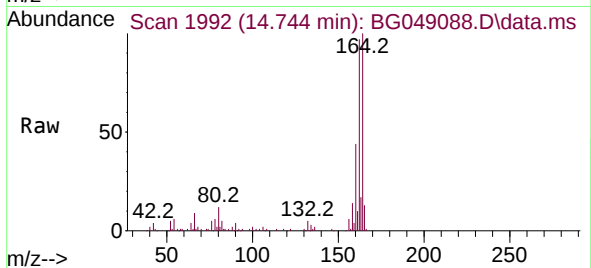




#51
2,6-Dinitrotoluene
Concen: 8.199 ng
RT: 14.744 min Scan# 1992
Delta R.T. 0.429 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

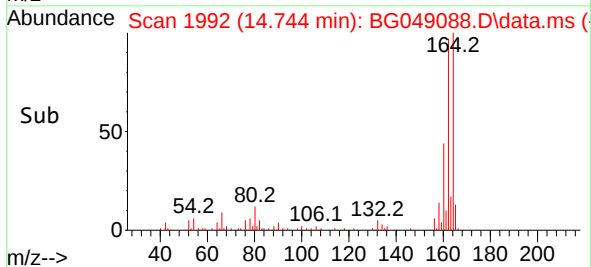
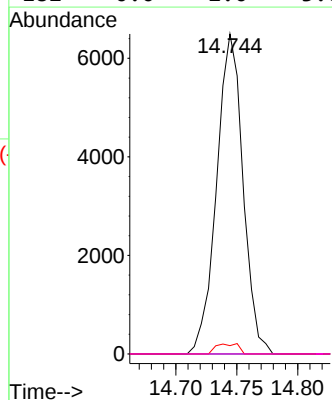
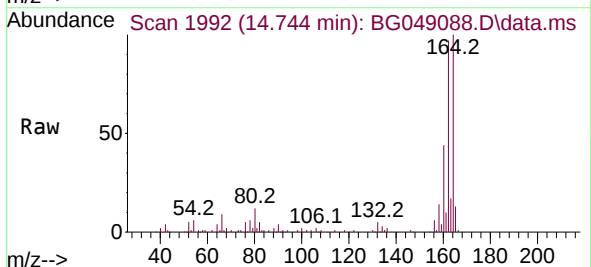
Instrument :
BNA_G
ClientSampled :
MW-8

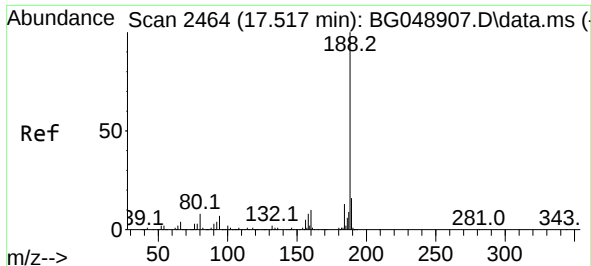
Tgt Ion:165 Resp: 9772
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.6 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.675 ng
RT: 14.744 min Scan# 1992
Delta R.T. -0.359 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

Tgt Ion:165 Resp: 9772
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.6 65.4 98.0#
182 0.0 2.0 3.0#

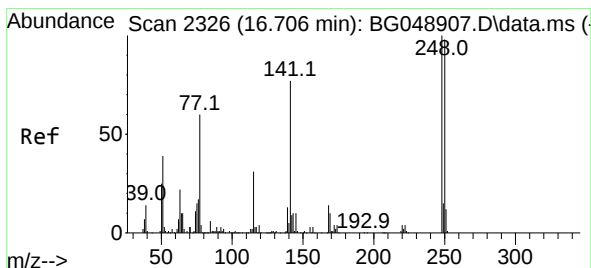
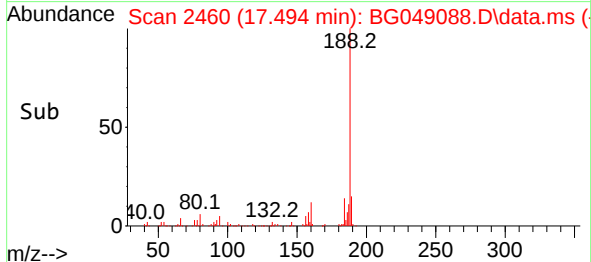
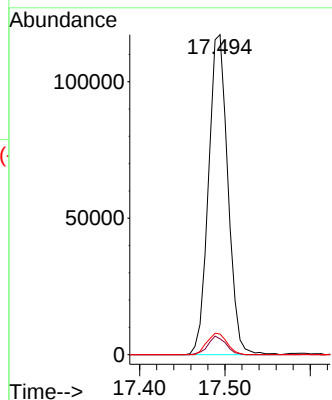
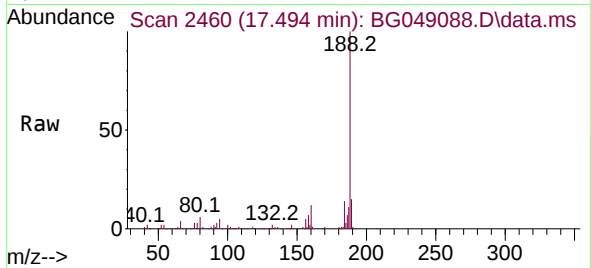




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.494 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

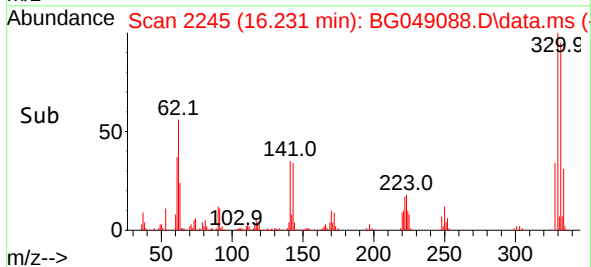
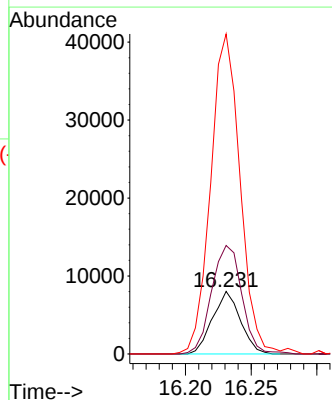
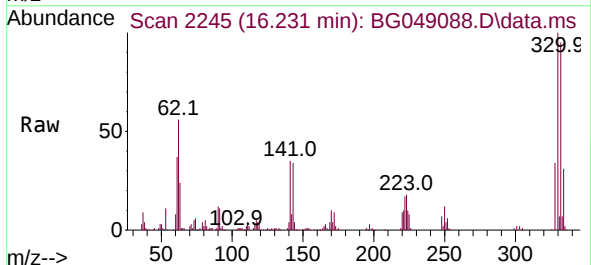
Instrument :
BNA_G
ClientSampled :
MW-8

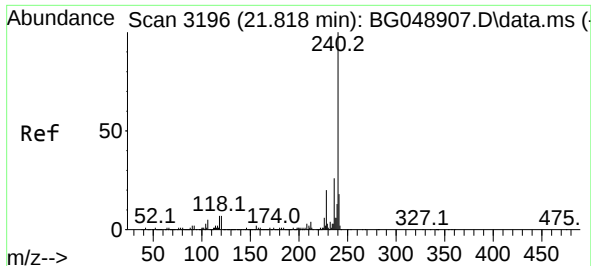
Tgt Ion:188 Resp: 184791
Ion Ratio Lower Upper
188 100
94 4.9 5.4 8.0#
80 6.5 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 5.127 ng
RT: 16.231 min Scan# 2245
Delta R.T. -0.453 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

Tgt Ion:248 Resp: 11829
Ion Ratio Lower Upper
248 100
250 173.7 76.1 114.1#
141 511.9 65.4 98.2#

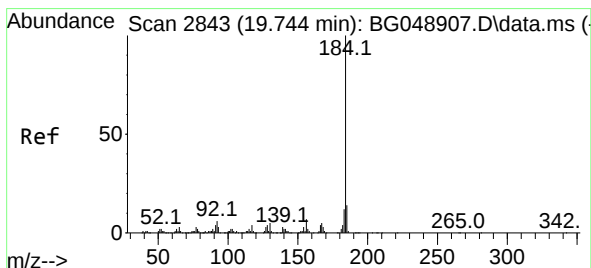
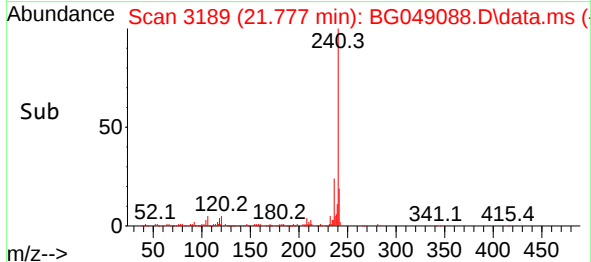
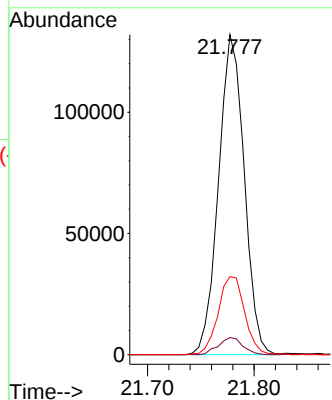
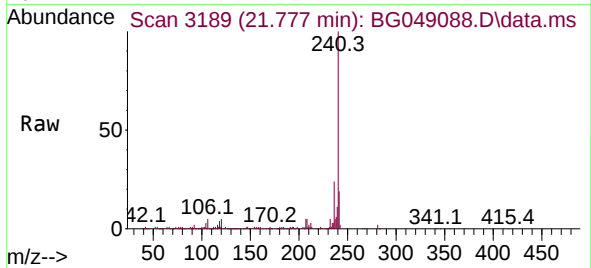




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3189
Delta R.T. -0.012 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

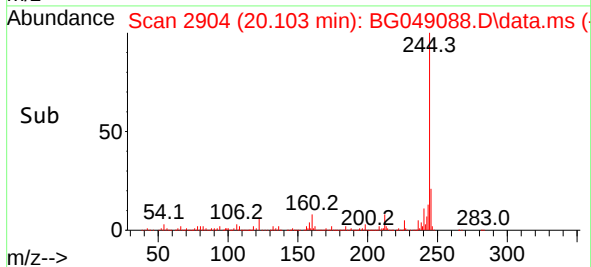
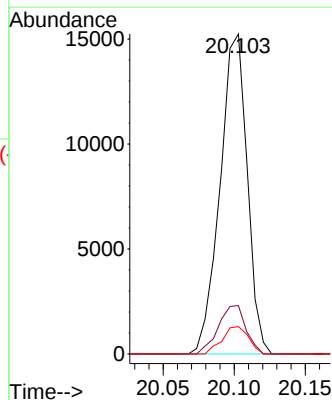
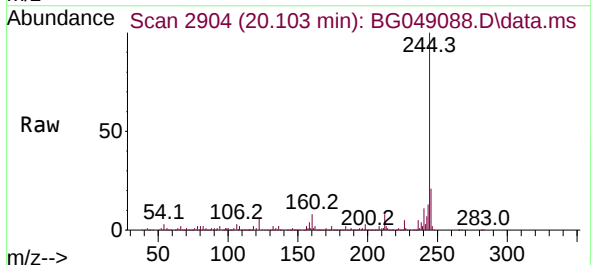
Instrument :
BNA_G
ClientSampled :
MW-8

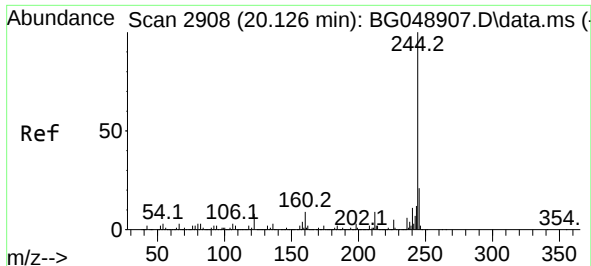
Tgt Ion:240 Resp: 220754
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.2
236 24.4 21.8 32.6



#77
Benzidine
Concen: 4.551 ng
RT: 20.103 min Scan# 2904
Delta R.T. 0.382 min
Lab File: BG049088.D
Acq: 24 Jun 2021 20:57

Tgt Ion:184 Resp: 20238
Ion Ratio Lower Upper
184 100
185 15.1 10.7 16.1
183 8.6 9.4 14.0#

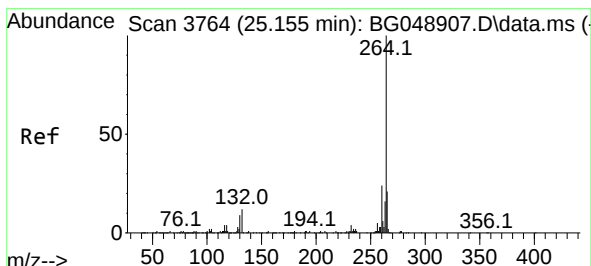
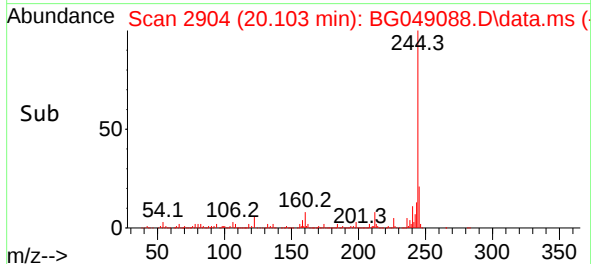
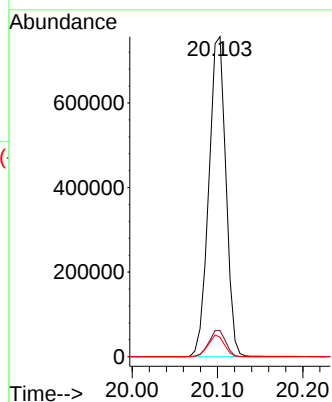
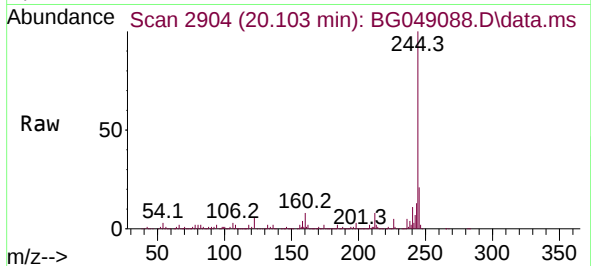




#79
 Terphenyl-d14
 Concen: 87.228 ng
 RT: 20.103 min Scan# 2904
 Delta R.T. -0.000 min
 Lab File: BG049088.D
 Acq: 24 Jun 2021 20:57

Instrument :
 BNA_G
 ClientSampled :
 MW-8

Tgt Ion:244 Resp: 1051427
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 6.1 5.0 7.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.097 min Scan# 3754
 Delta R.T. -0.006 min
 Lab File: BG049088.D
 Acq: 24 Jun 2021 20:57

Tgt Ion:264 Resp: 230820
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.2 16.9 25.3

