

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
 Data File : BG049199.D
 Acq On : 7 Jul 2021 14:41
 Operator : CG/JU
 Sample : M2933-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 5

Quant Time: Jul 07 16:11:36 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)

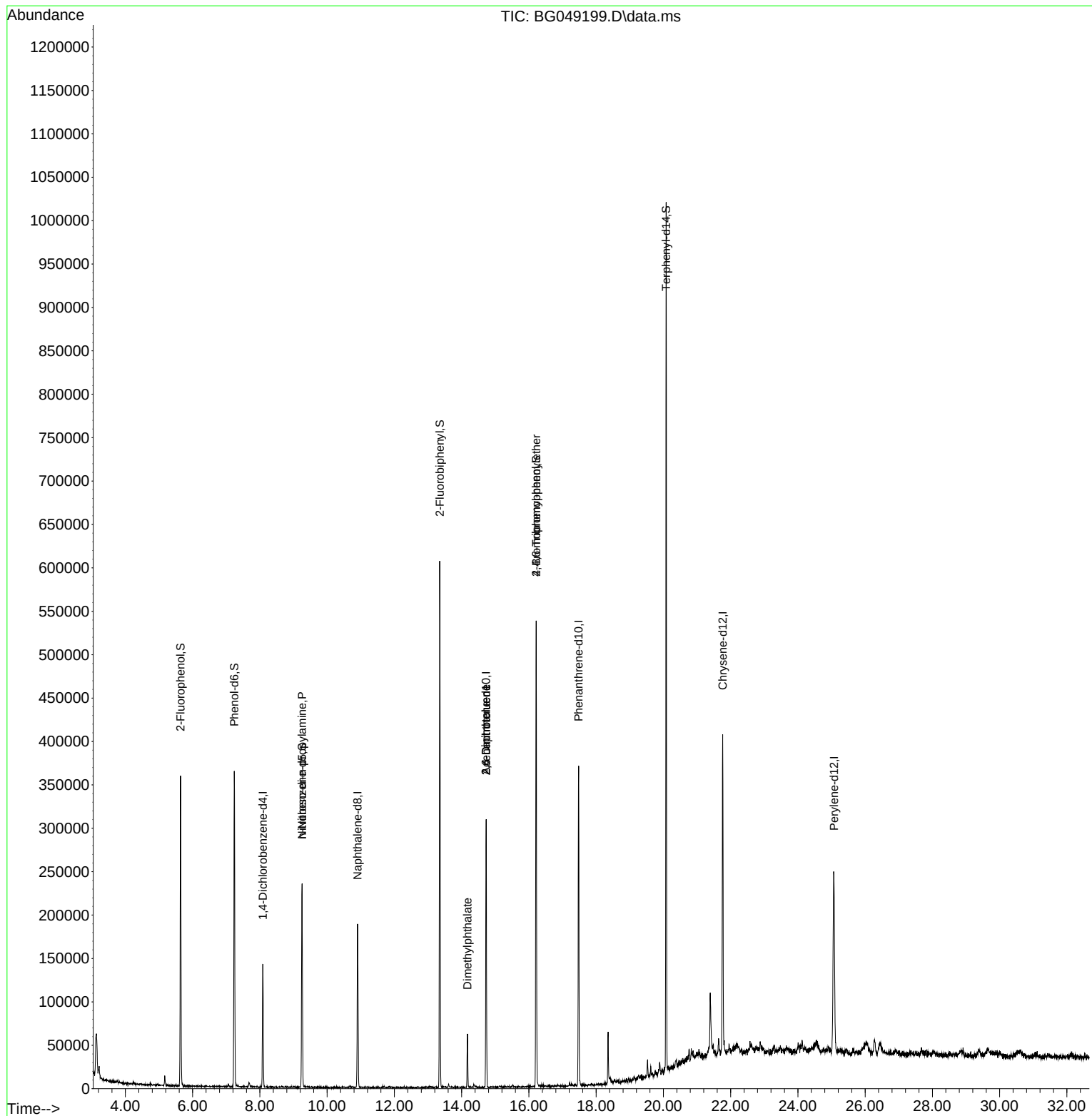
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	40470	20.000	ng	# 0.00
21) Naphthalene-d8	10.905	136	159184	20.000	ng	# 0.00
39) Acenaphthene-d10	14.730	164	109758	20.000	ng	0.00
64) Phenanthrene-d10	17.479	188	235258	20.000	ng	# 0.00
76) Chrysene-d12	21.762	240	231291	20.000	ng	0.00
86) Perylene-d12	25.070	264	236833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	146122	56.552	ng	0.00
7) Phenol-d6	7.238	99	191441	51.968	ng	0.00
23) Nitrobenzene-d5	9.254	82	143778	38.294	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	108403	56.973	ng	0.00
45) 2-Fluorobiphenyl	13.349	172	313615	38.550	ng	0.00
79) Terphenyl-d14	20.082	244	465814	34.127	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.254	70	21605	8.161	ng	# 71
50) Dimethylphthalate	14.171	163	39330	4.465	ng	96
51) 2,6-Dinitrotoluene	14.730	165	14496	7.179	ng	# 13
57) 2,4-Dinitrotoluene	14.730	165	14496	5.054	ng	# 18
67) 4-Bromophenyl-phenylether	16.216	248	7378	2.325	ng	# 1

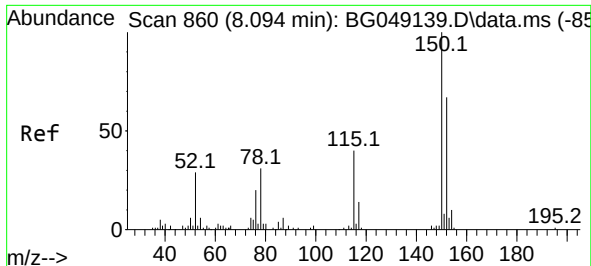
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

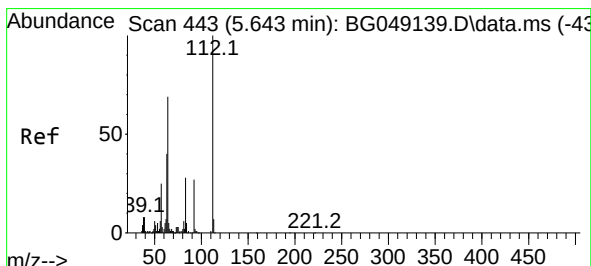
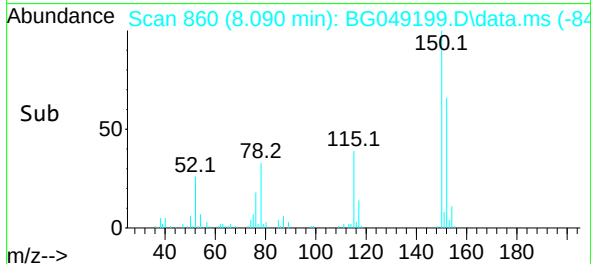
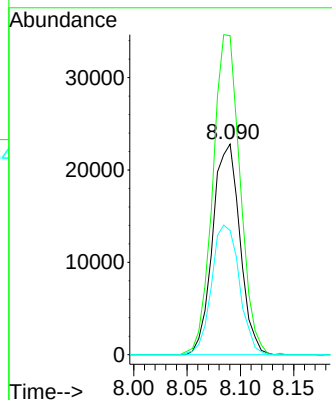
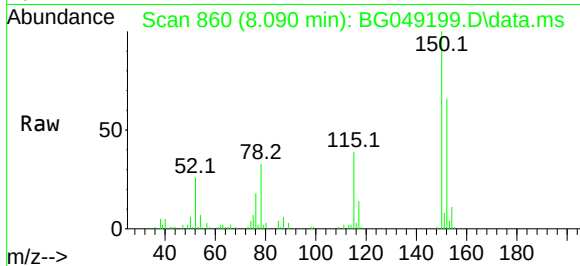




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

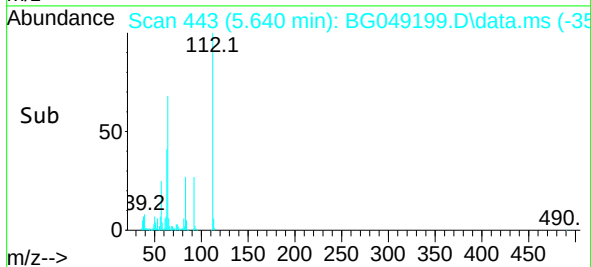
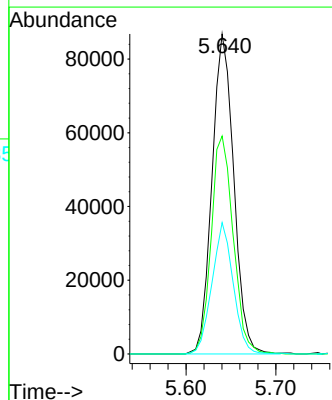
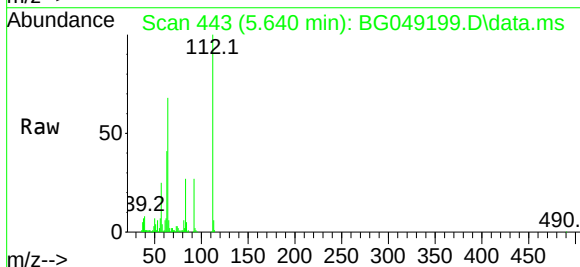
Instrument :
BNA_G
ClientSampleId :
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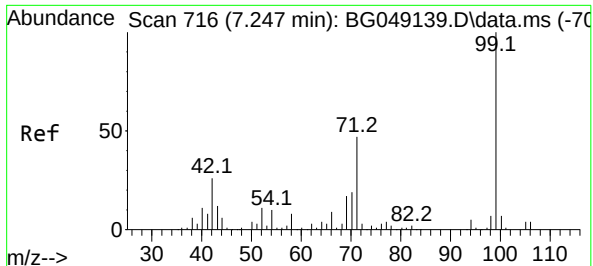
Tgt Ion:152 Resp: 40470
Ion Ratio Lower Upper
152 100
150 151.5 119.4 179.0
115 59.0 60.2 90.4#



#5
2-Fluorophenol
Concen: 56.552 ng
RT: 5.640 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

Tgt Ion:112 Resp: 146122
Ion Ratio Lower Upper
112 100
64 68.1 46.7 70.1
63 41.0 35.3 52.9

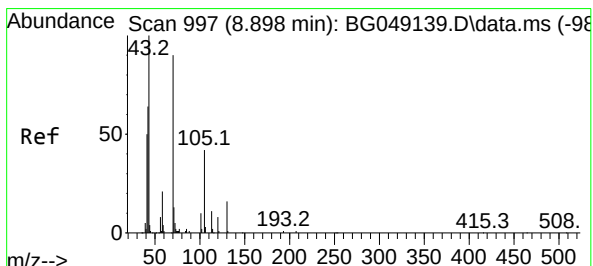
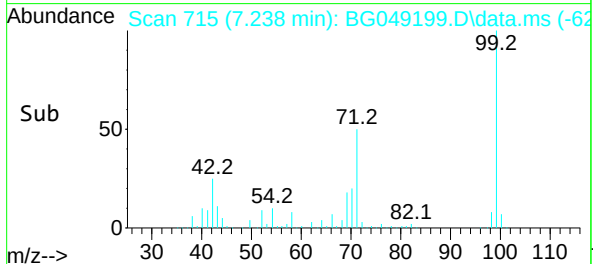
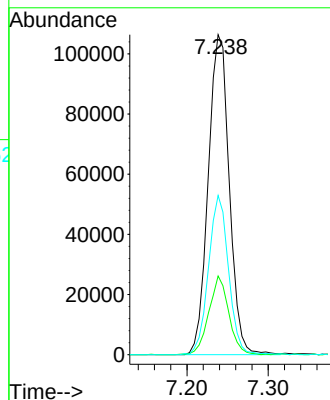
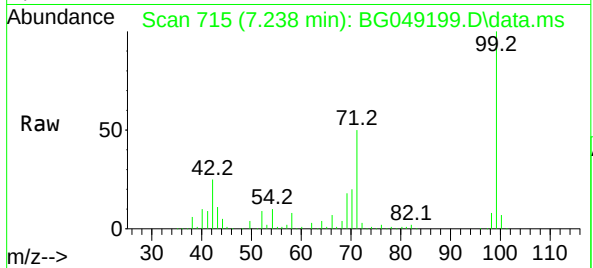




#7
Phenol-d6
Concen: 51.968 ng
RT: 7.238 min Scan# 715
Delta R.T. -0.000 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

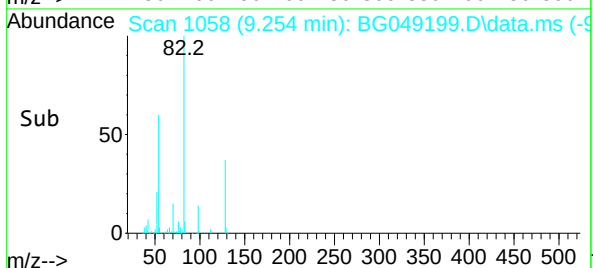
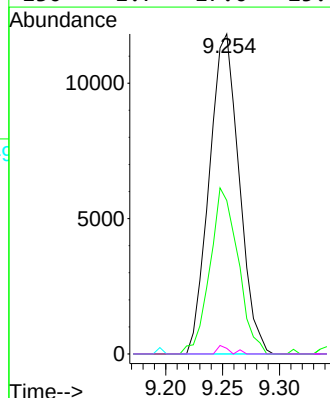
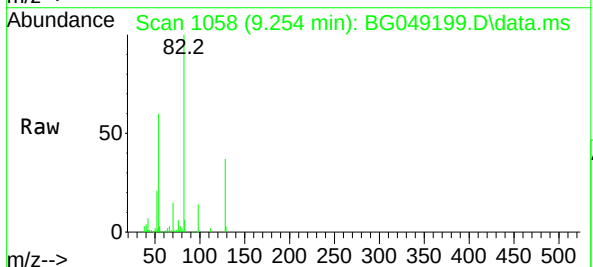
Instrument :
BNA_G
ClientSampleId :
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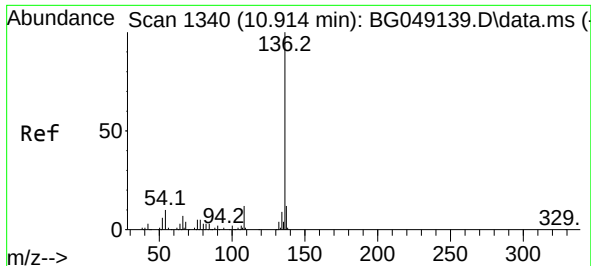
Tgt Ion: 99 Resp: 191441
Ion Ratio Lower Upper
99 100
42 24.6 20.5 30.7
71 49.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.161 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.358 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

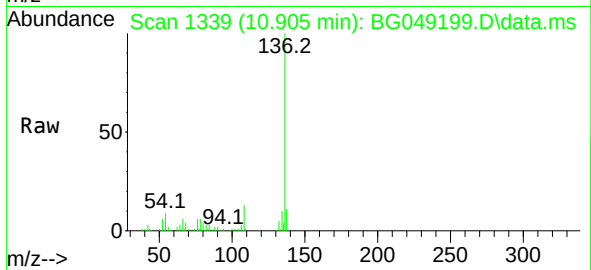
Tgt Ion: 70 Resp: 21605
Ion Ratio Lower Upper
70 100
42 48.0 54.5 81.7#
101 0.0 9.0 13.6#
130 1.7 17.0 25.6#



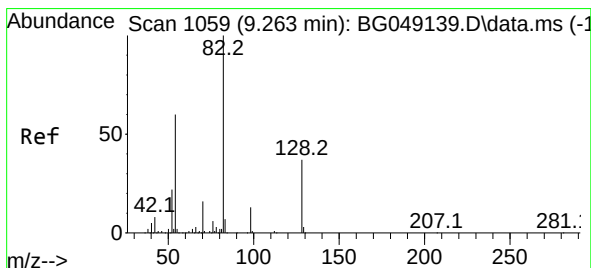
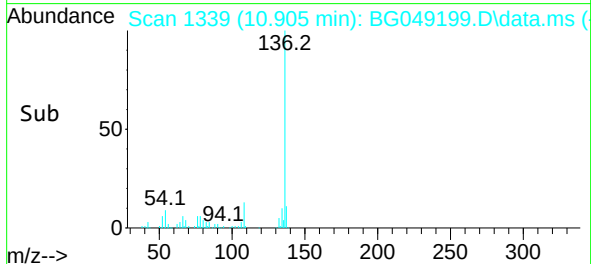
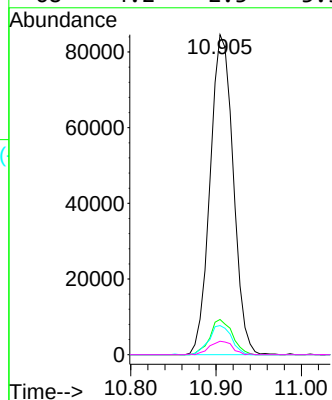


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.905 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

Instrument :
BNA_G
ClientSampleId :
5

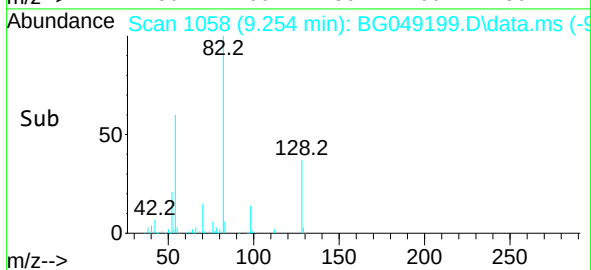
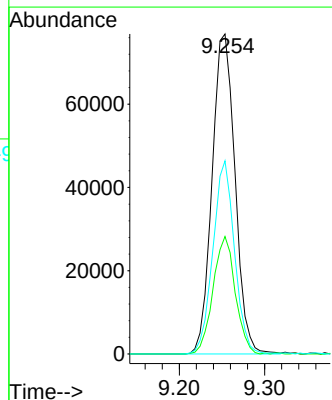
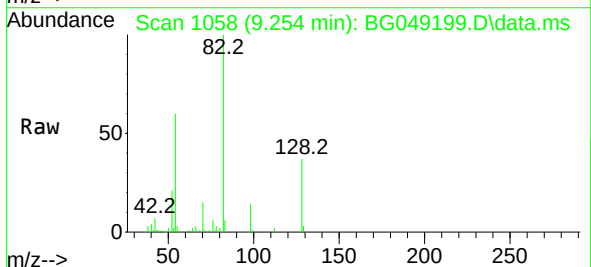


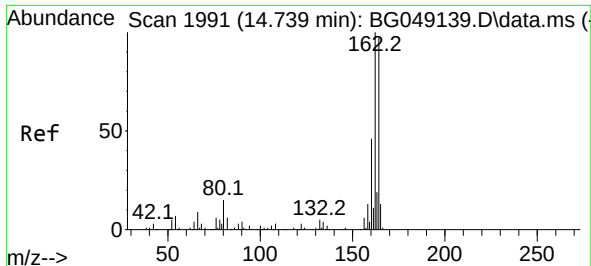
Tgt Ion:136 Resp: 159184
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 9.1 5.5 8.3#
68 4.2 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 38.294 ng
RT: 9.254 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

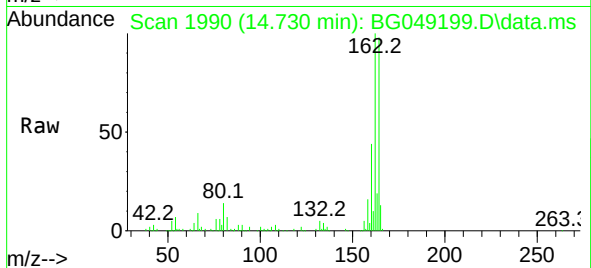
Tgt Ion: 82 Resp: 143778
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 60.4 45.8 68.8



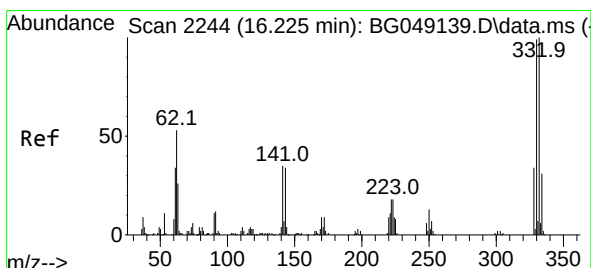
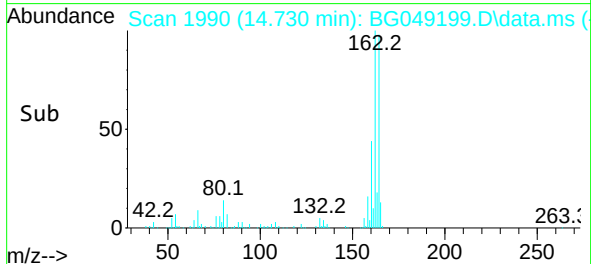
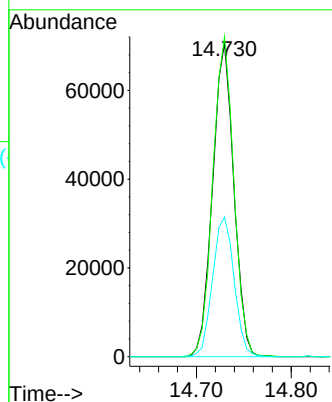


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

Instrument :
BNA_G
ClientSampleId :
5

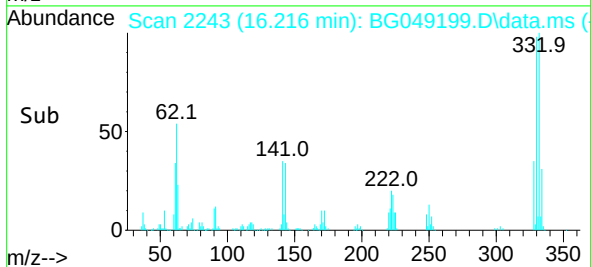
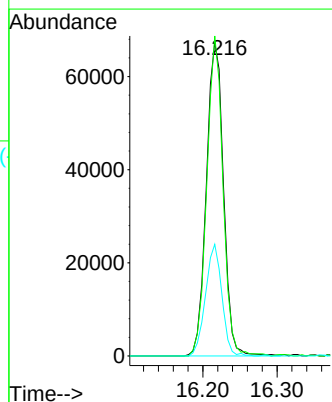
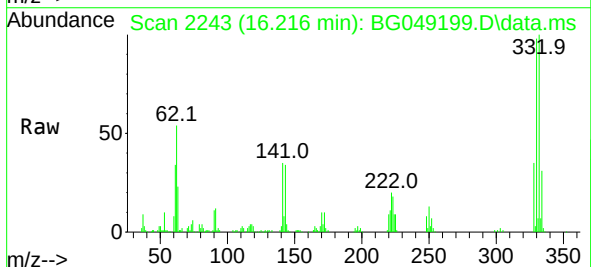


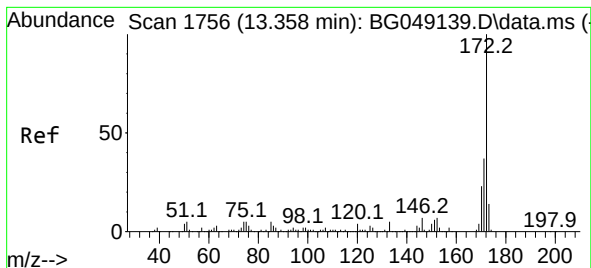
Tgt Ion:164 Resp: 109758
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 44.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 56.973 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.000 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

Tgt Ion:330 Resp: 108403
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 33.9 35.6 53.4#

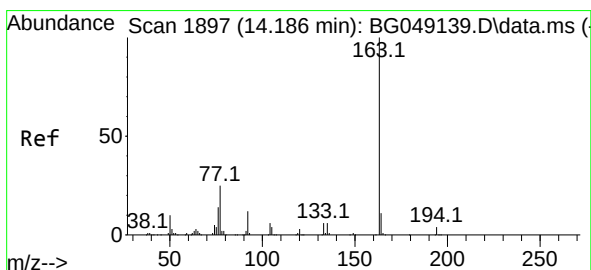
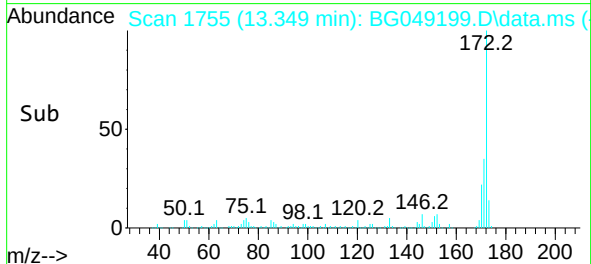
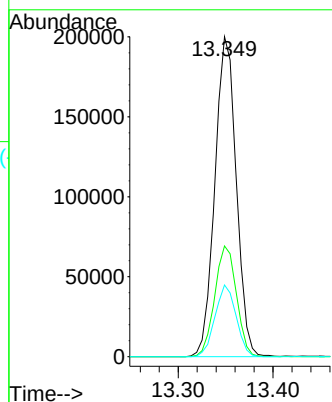
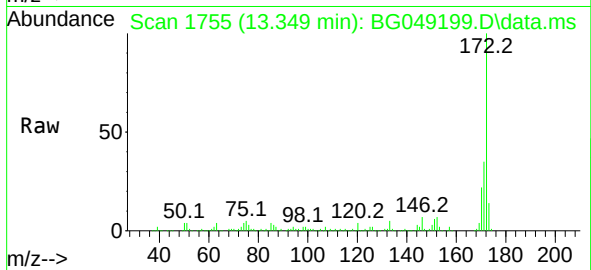




#45
2-Fluorobiphenyl
Concen: 38.550 ng
RT: 13.349 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

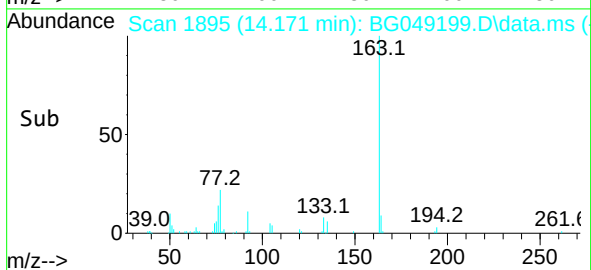
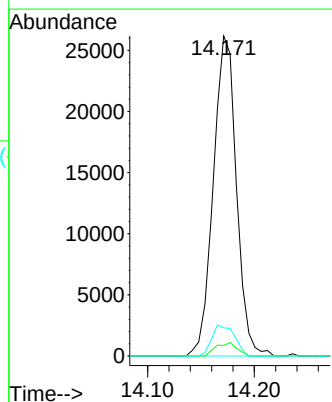
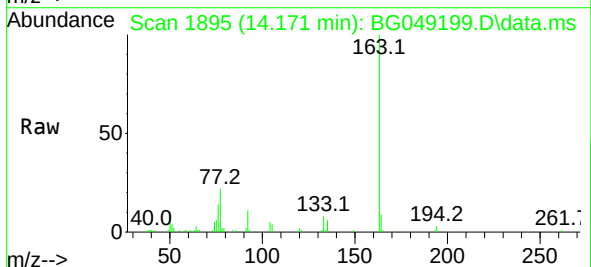
Instrument :
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ClientSampleId :
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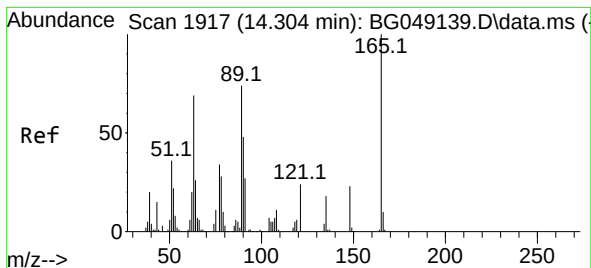
Tgt Ion:172 Resp: 313615
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 22.4 18.6 27.8



#50
Dimethylphthalate
Concen: 4.465 ng
RT: 14.171 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

Tgt Ion:163 Resp: 39330
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.6
164 8.8 8.6 12.8

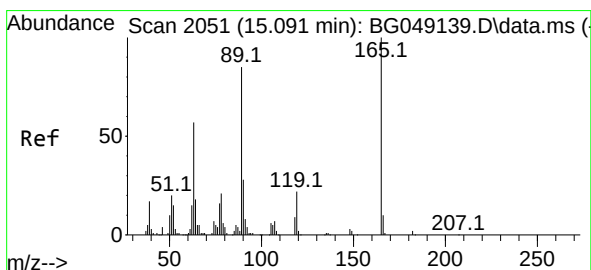
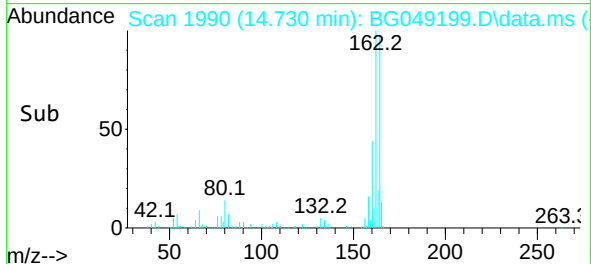
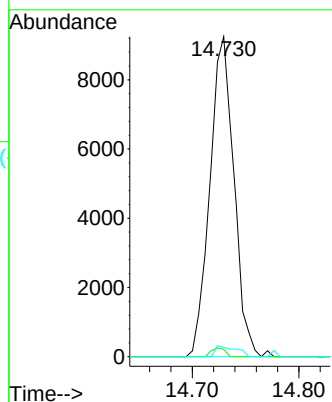
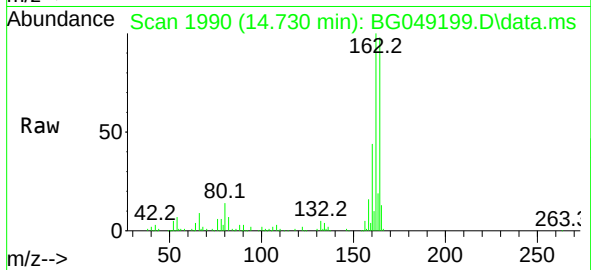




#51
2,6-Dinitrotoluene
Concen: 7.179 ng
RT: 14.730 min Scan# 1990
Delta R.T. 0.434 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

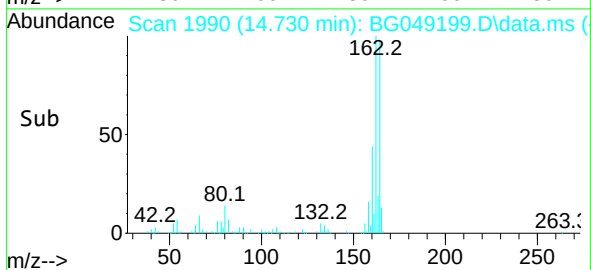
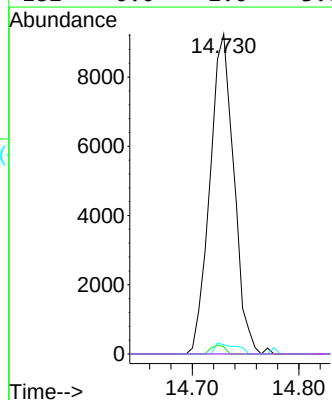
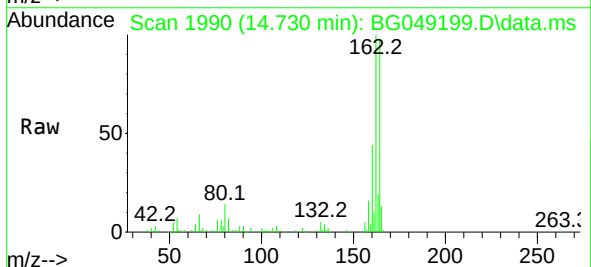
Instrument :
BNA_G
ClientSampleId :
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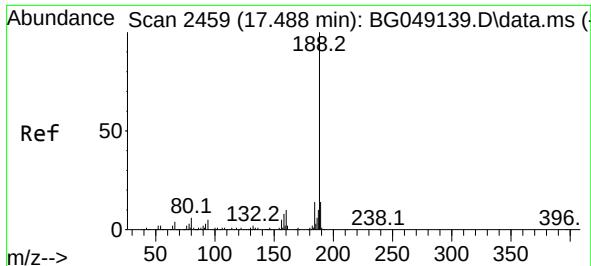
Tgt Ion:165 Resp: 14496
Ion Ratio Lower Upper
165 100
63 2.3 63.3 94.9#
89 2.9 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.054 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.353 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

Tgt Ion:165 Resp: 14496
Ion Ratio Lower Upper
165 100
63 2.3 48.0 72.0#
89 2.9 65.4 98.0#
182 0.0 2.0 3.0#

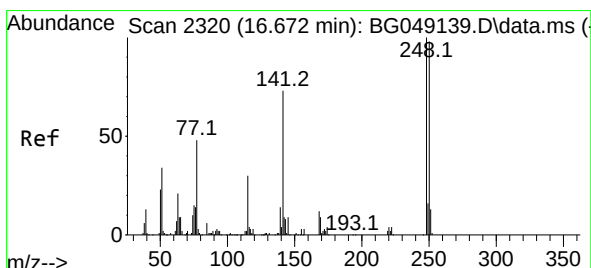
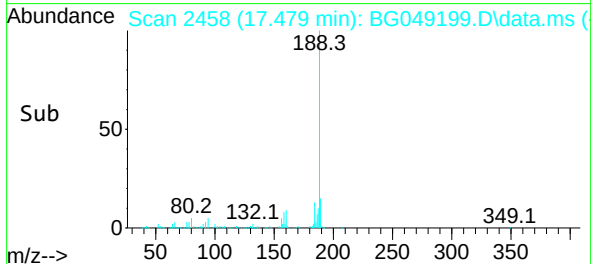
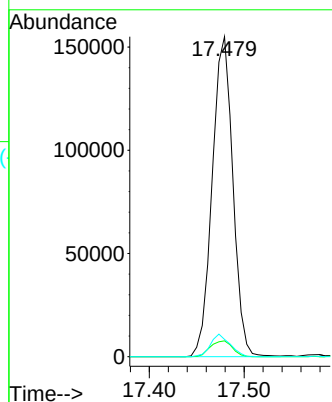
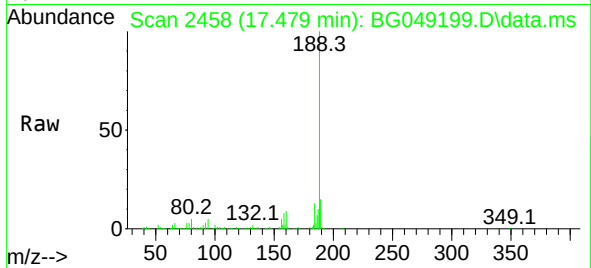




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.479 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

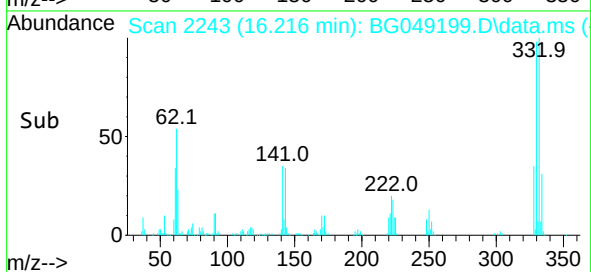
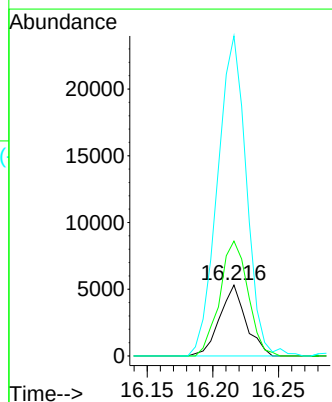
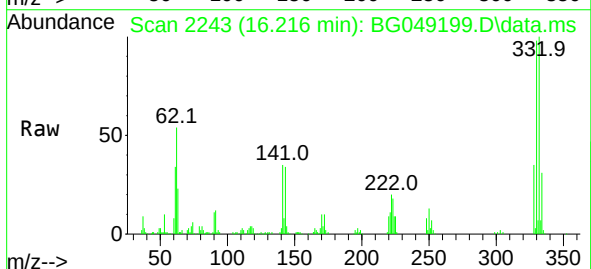
Instrument :
BNA_G
ClientSampleId :
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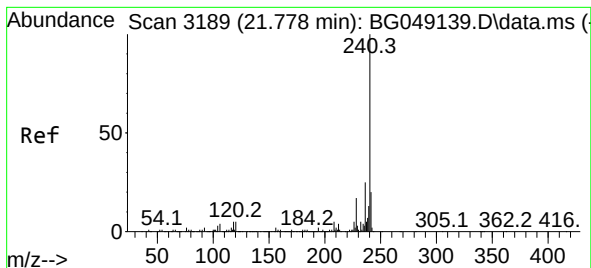
Tgt Ion:188 Resp: 235258
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 5.4 3.7 5.5



#67
4-Bromophenyl-phenylether
Concen: 2.325 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.447 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

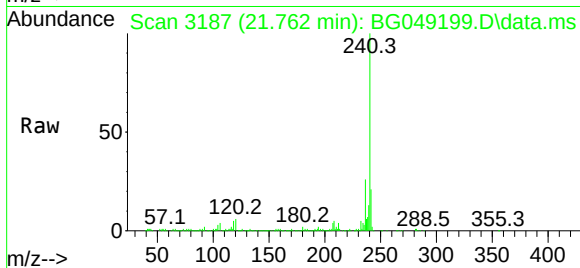
Tgt Ion:248 Resp: 7378
Ion Ratio Lower Upper
248 100
250 162.3 76.1 114.1#
141 451.8 65.4 98.2#



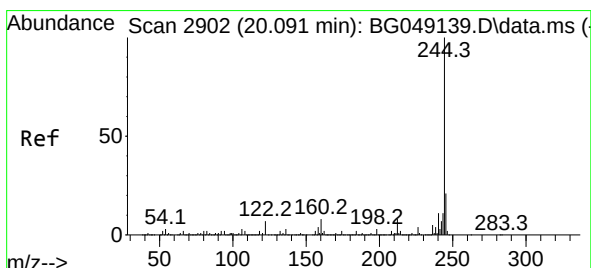
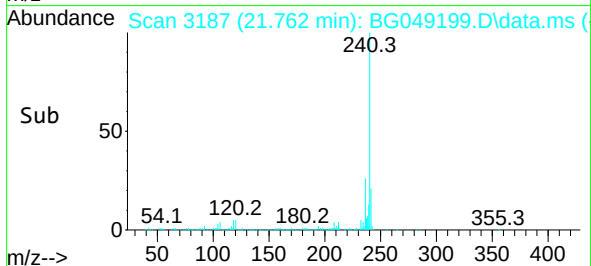
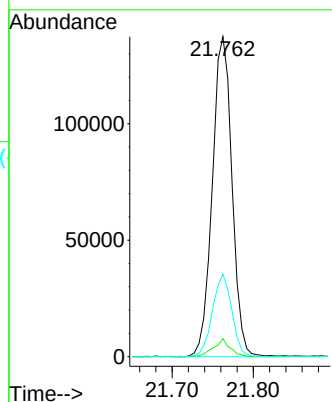


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.762 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

Instrument :
BNA_G
ClientSampleId :
5

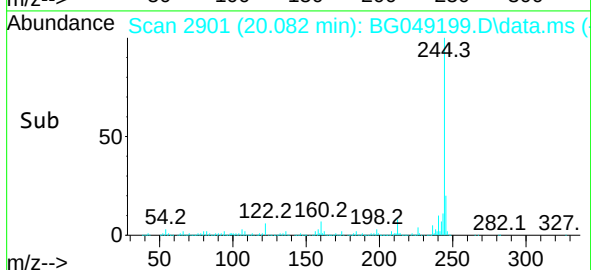
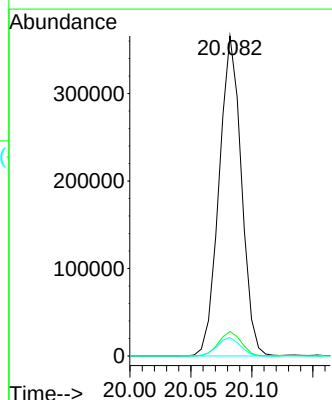
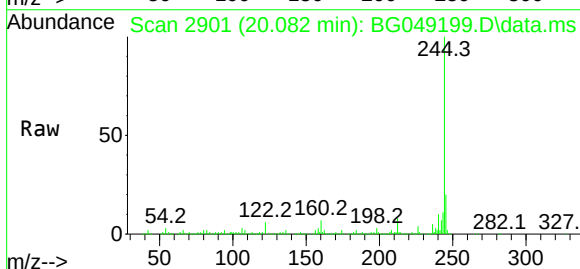


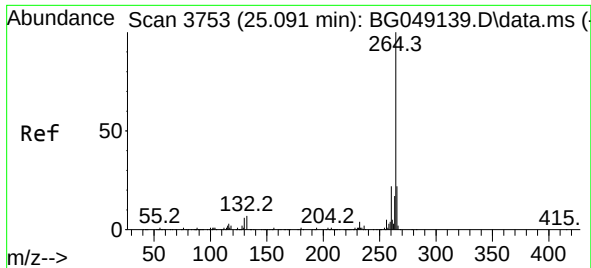
Tgt Ion:240 Resp: 231291
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 25.8 21.8 32.6



#79
Terphenyl-d14
Concen: 34.127 ng
RT: 20.082 min Scan# 2901
Delta R.T. -0.000 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

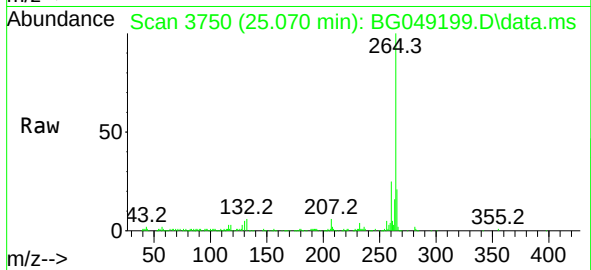
Tgt Ion:244 Resp: 465814
Ion Ratio Lower Upper
244 100
212 7.6 6.9 10.3
122 5.7 5.0 7.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.070 min Scan# 3750
Delta R.T. 0.006 min
Lab File: BG049199.D
Acq: 7 Jul 2021 14:41

Instrument :
BNA_G
ClientSampleId :
5



Tgt Ion:264 Resp: 236833

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	20.7	16.9	25.3

