

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070621\
 Data File : BG049191.D
 Acq On : 6 Jul 2021 18:54
 Operator : CG/JU
 Sample : M2926-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Jul 07 01:12:10 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)

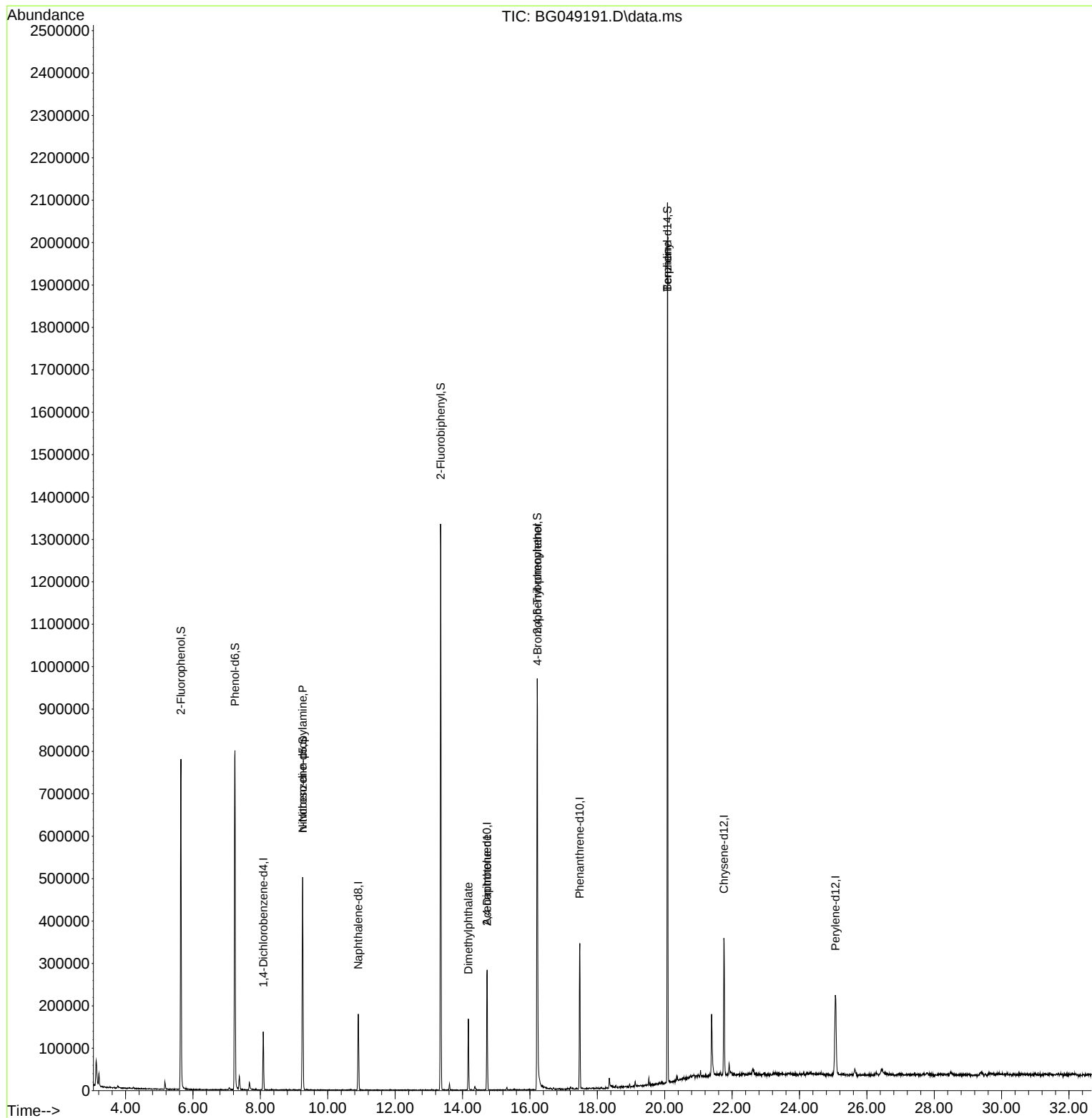
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	35603	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	146940	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	104094	20.00	ng	0.00
64) Phenanthrene-d10	17.480	188	218804	20.00	ng	# 0.00
76) Chrysene-d12	21.757	240	213392	20.00	ng	0.00
86) Perylene-d12	25.065	264	223072	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	323615	142.37	ng	0.00
7) Phenol-d6	7.245	99	429802	132.62	ng	0.00
23) Nitrobenzene-d5	9.254	82	298890	86.24	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	232927	129.08	ng	0.00
45) 2-Fluorobiphenyl	13.349	172	692456	89.75	ng	0.00
79) Terphenyl-d14	20.083	244	987718	78.43	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.254	70	44764	19.22	ng	# 72
50) Dimethylphthalate	14.172	163	103742	12.42	ng	98
57) 2,4-Dinitrotoluene	14.730	165	13439	4.94	ng	# 17
67) 4-Bromophenyl-phenylether	16.222	248	13331	4.52	ng	# 1
77) Benzidine	20.083	184	18907	4.12	ng	# 96

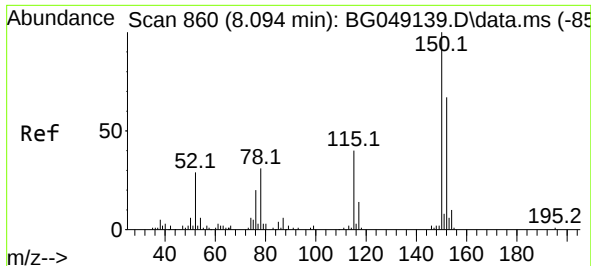
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 06 10:59:02 2021
Response via : Initial Calibration

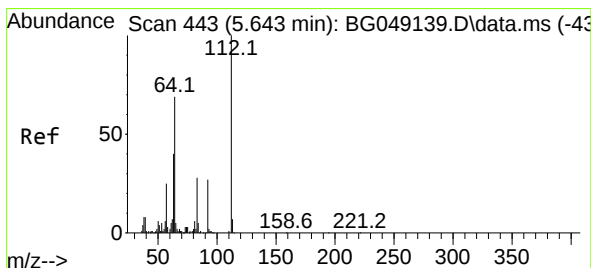
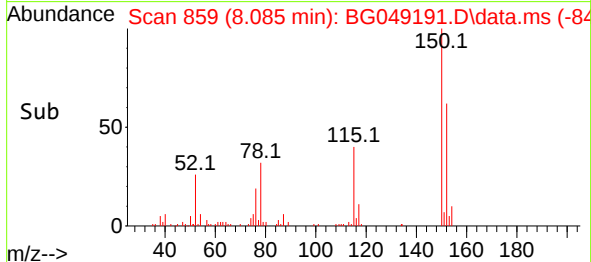
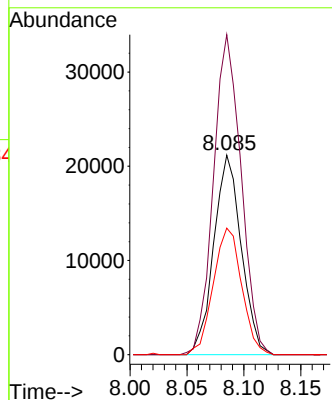
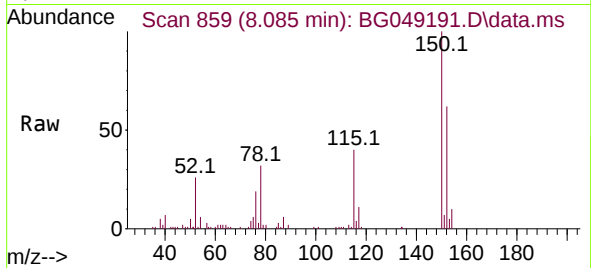




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.085 min Scan# 859
Delta R.T. -0.006 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

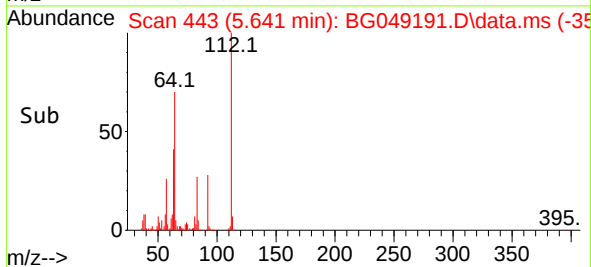
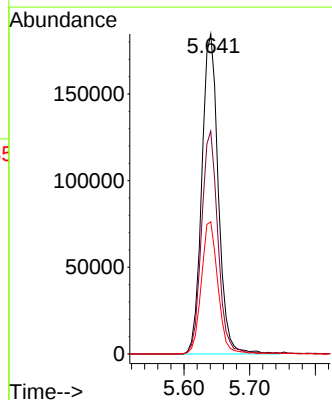
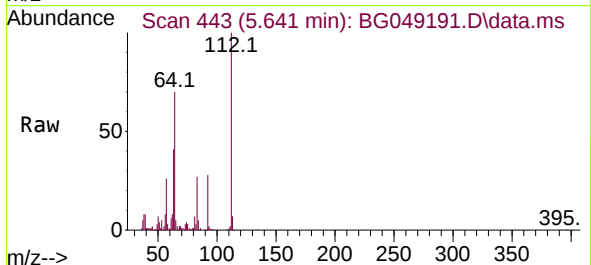
Instrument :
BNA_G
ClientSampleId :
TP-3

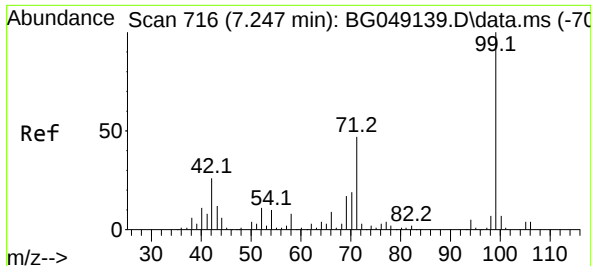
Tgt Ion:152 Resp: 35603
Ion Ratio Lower Upper
152 100
150 160.3 119.4 179.0
115 63.4 60.2 90.4



#5
2-Fluorophenol
Concen: 142.37 ng
RT: 5.641 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

Tgt Ion:112 Resp: 323615
Ion Ratio Lower Upper
112 100
64 69.7 46.7 70.1
63 41.3 35.3 52.9

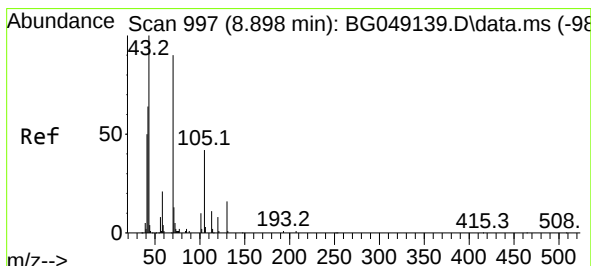
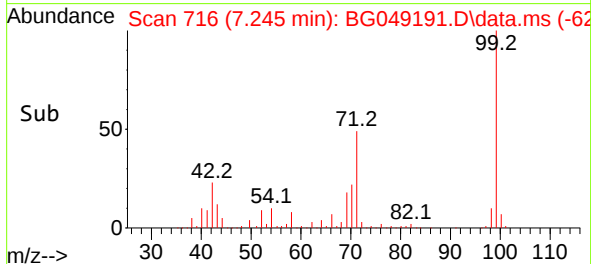
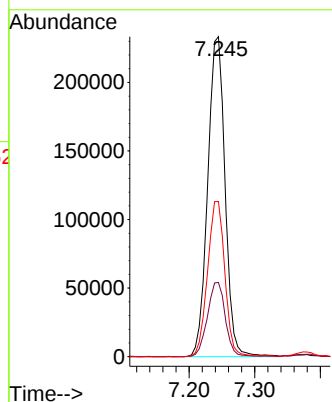
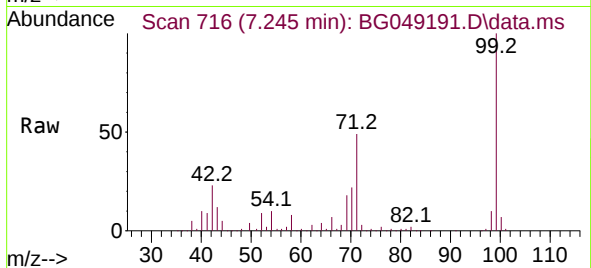




#7
Phenol-d6
Concen: 132.62 ng
RT: 7.245 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

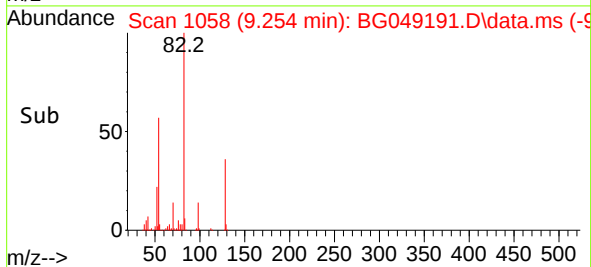
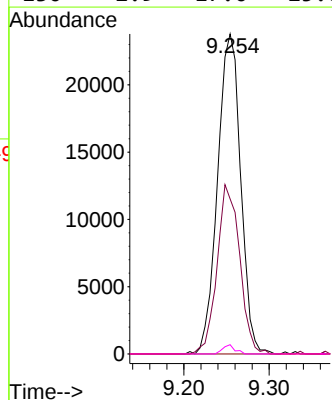
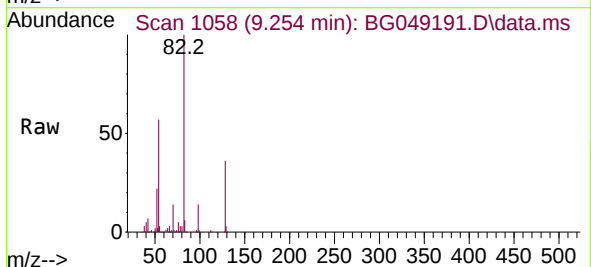
Instrument :
BNA_G
ClientSampleId :
TP-3

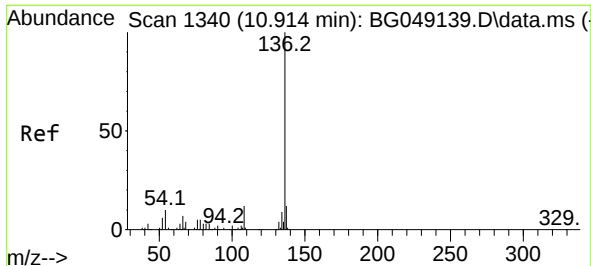
Tgt Ion: 99 Resp: 429802
Ion Ratio Lower Upper
99 100
42 23.2 20.5 30.7
71 48.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.22 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.359 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

Tgt Ion: 70 Resp: 44764
Ion Ratio Lower Upper
70 100
42 48.4 54.5 81.7#
101 0.0 9.0 13.6#
130 2.9 17.0 25.6#

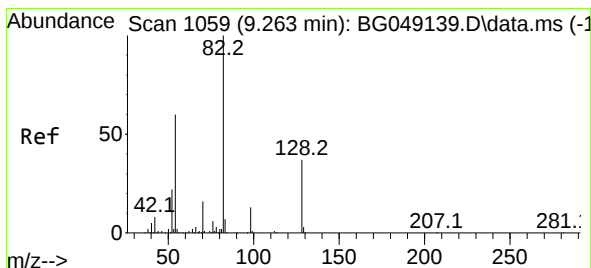
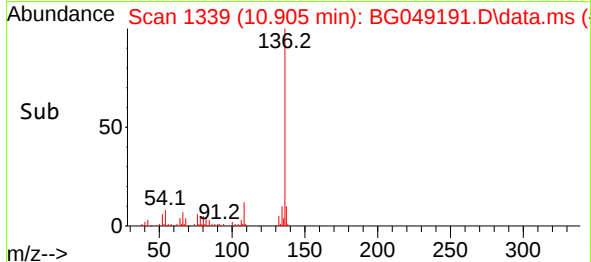
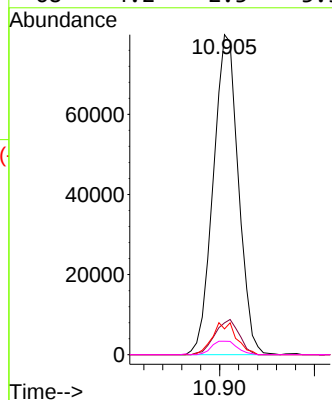
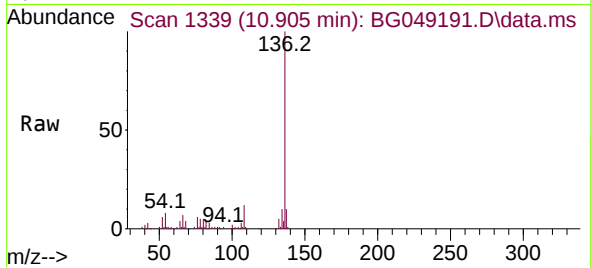




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

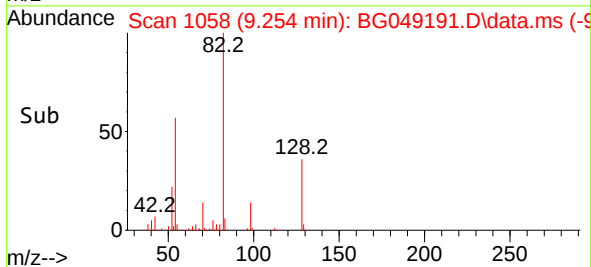
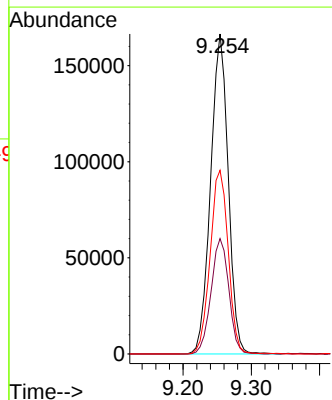
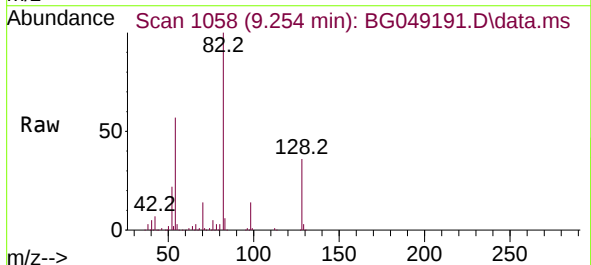
Instrument :
BNA_G
ClientSampled :
TP-3

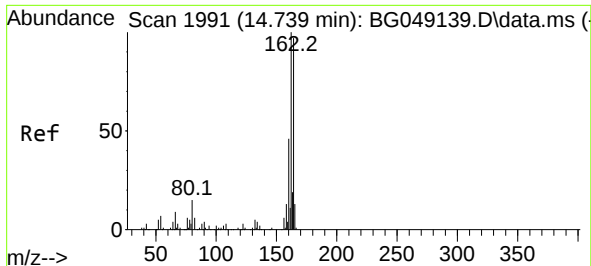
Tgt Ion:136 Resp: 146940
Ion Ratio Lower Upper
136 100
137 10.0 8.2 12.2
54 8.0 5.5 8.3
68 4.2 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 86.24 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

Tgt Ion: 82 Resp: 298890
Ion Ratio Lower Upper
82 100
128 36.0 29.8 44.6
54 57.4 45.8 68.8

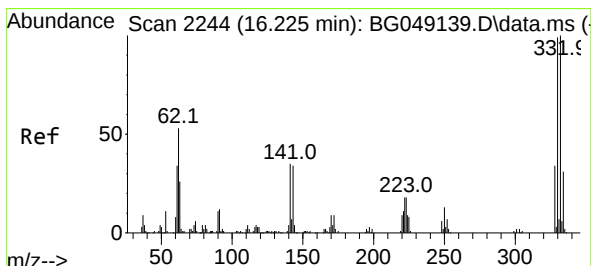
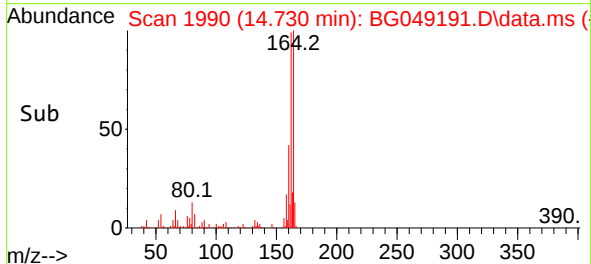
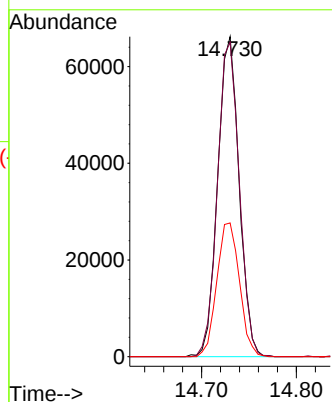
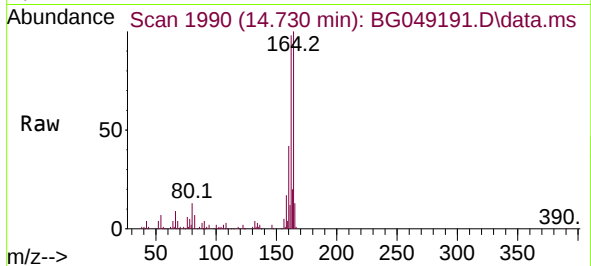




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

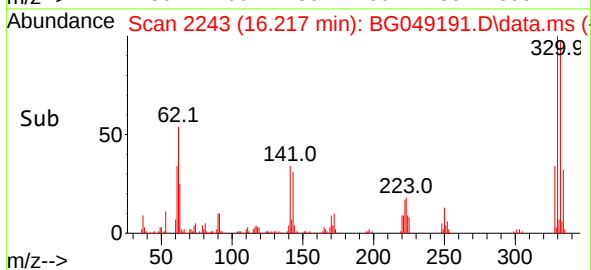
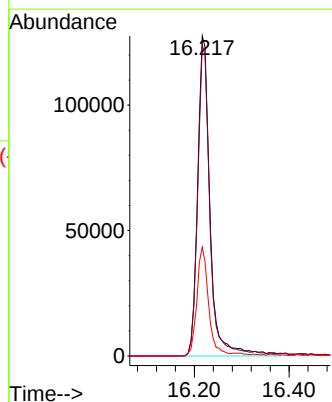
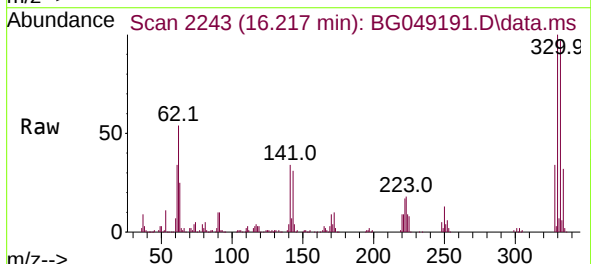
Instrument :
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ClientSampleId :
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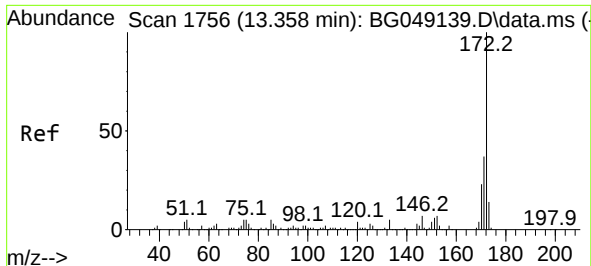
Tgt Ion:164 Resp: 104094
Ion Ratio Lower Upper
164 100
162 98.3 81.4 122.0
160 41.8 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 129.08 ng
RT: 16.217 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

Tgt Ion:330 Resp: 232927
Ion Ratio Lower Upper
330 100
332 94.0 77.3 115.9
141 31.8 35.6 53.4#

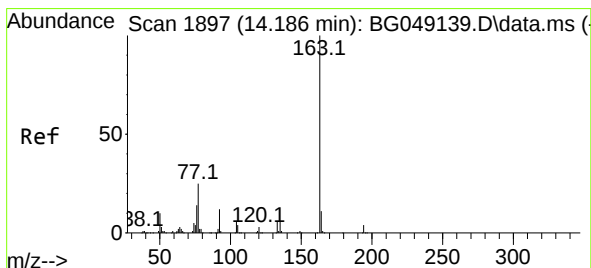
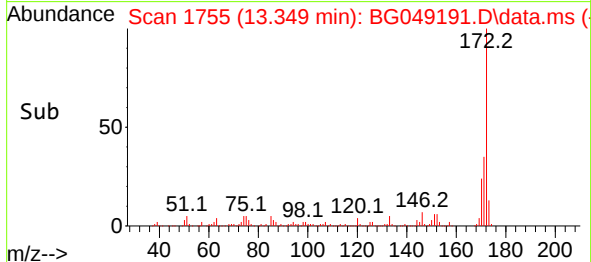
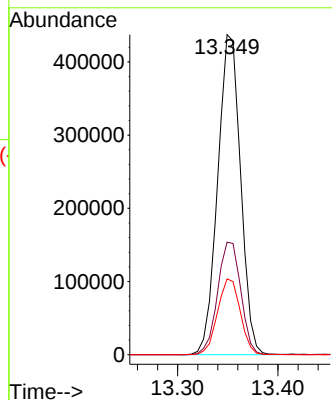
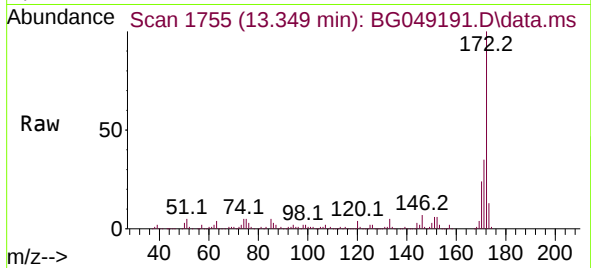




#45
2-Fluorobiphenyl
Concen: 89.75 ng
RT: 13.349 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

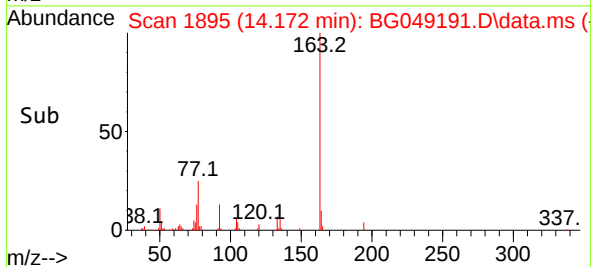
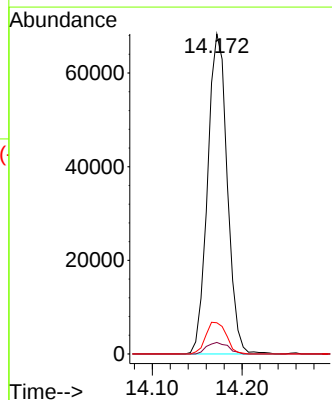
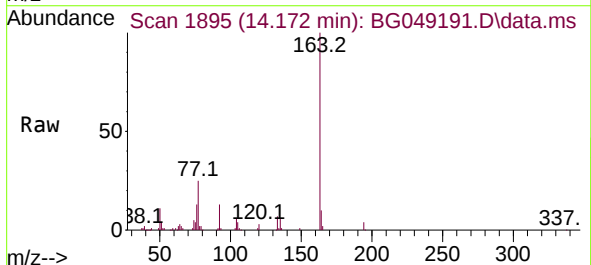
Instrument :
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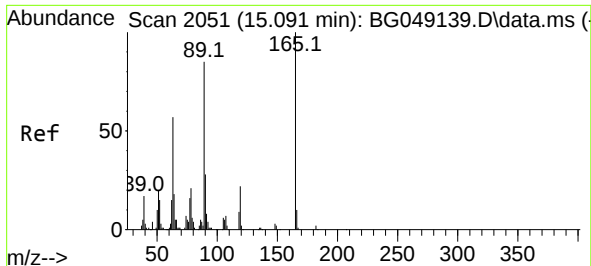
Tgt Ion:172 Resp: 692456
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.7 18.6 27.8



#50
Dimethylphthalate
Concen: 12.42 ng
RT: 14.172 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

Tgt Ion:163 Resp: 103742
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.8 8.6 12.8

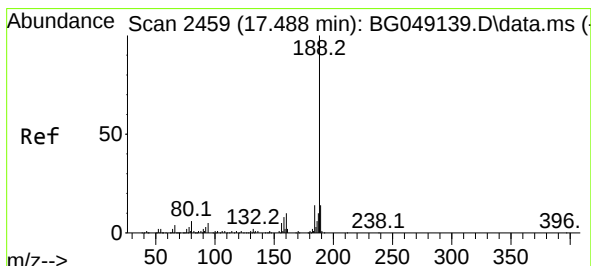
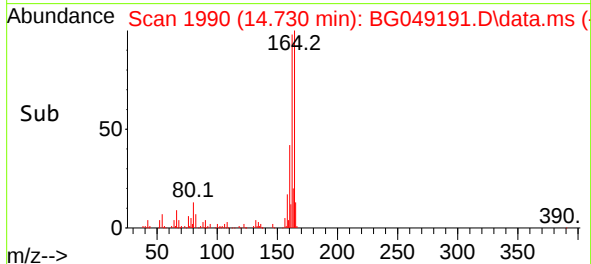
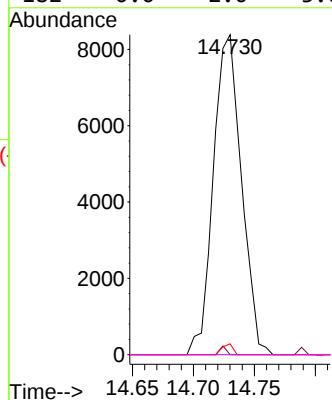
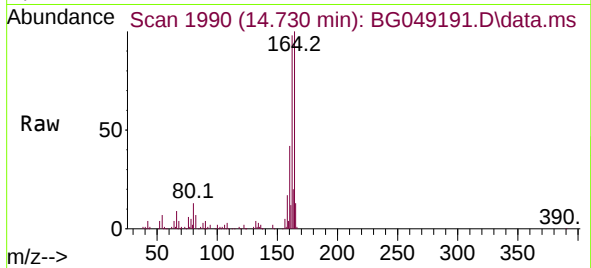




#57
2,4-Dinitrotoluene
Concen: 4.94 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.352 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

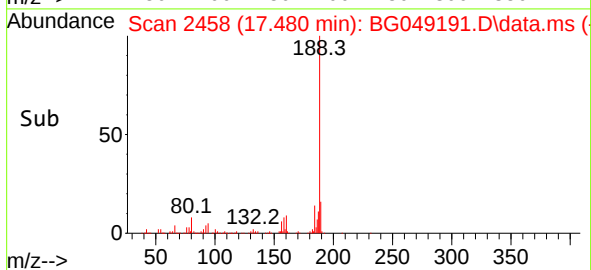
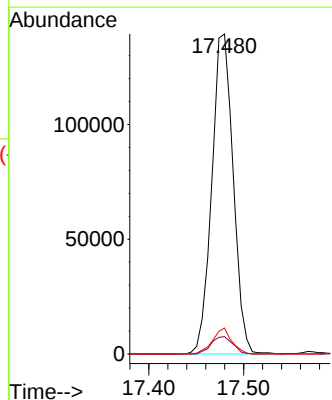
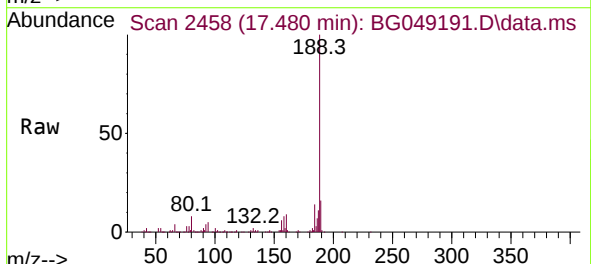
Instrument :
BNA_G
ClientSampled :
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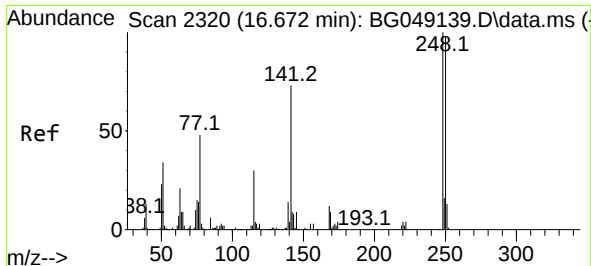
Tgt Ion:165 Resp: 13439
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 3.4 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.480 min Scan# 2458
Delta R.T. 0.000 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

Tgt Ion:188 Resp: 218804
Ion Ratio Lower Upper
188 100
94 5.4 5.4 8.0
80 8.1 3.7 5.5#

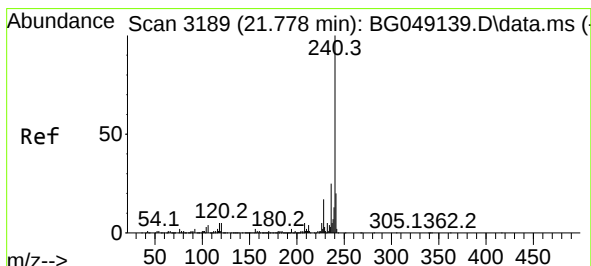
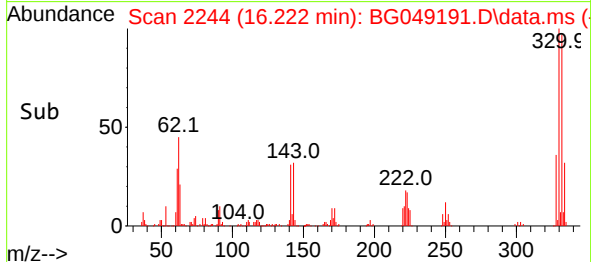
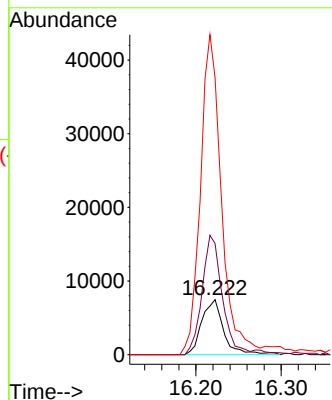
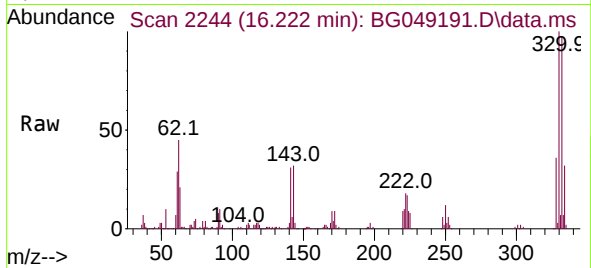




#67
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 16.222 min Scan# 2244
Delta R.T. -0.440 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

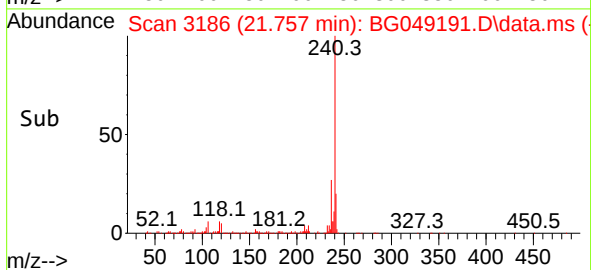
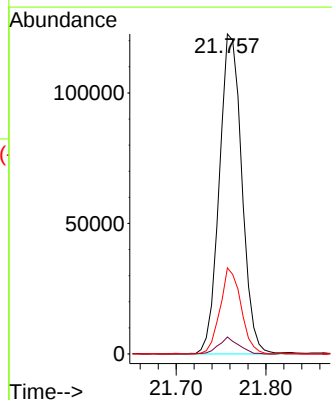
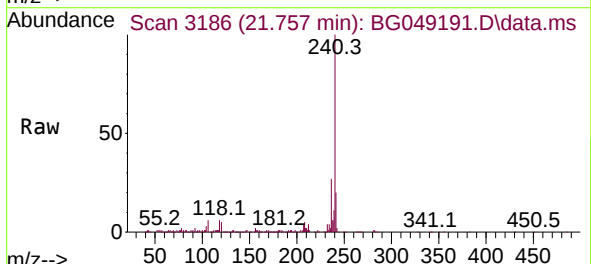
Instrument :
BNA_G
ClientSampleId :
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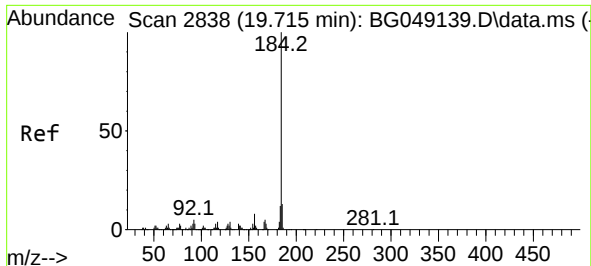
Tgt Ion:248 Resp: 13331
Ion Ratio Lower Upper
248 100
250 201.8 76.1 114.1#
141 502.9 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.757 min Scan# 3186
Delta R.T. -0.006 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

Tgt Ion:240 Resp: 213392
Ion Ratio Lower Upper
240 100
120 5.3 4.2 6.2
236 26.9 21.8 32.6

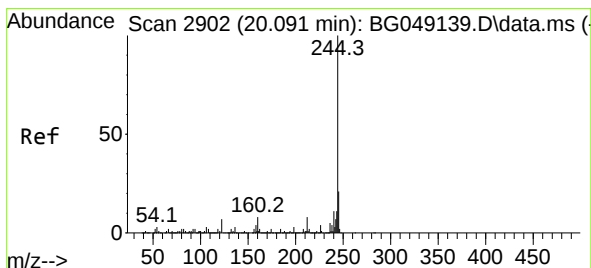
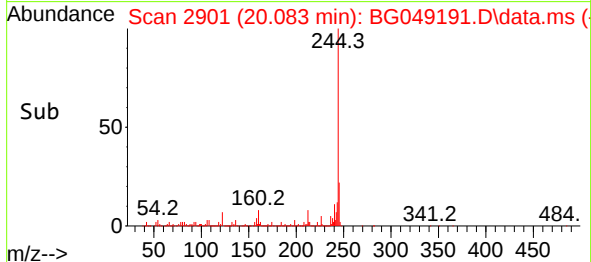
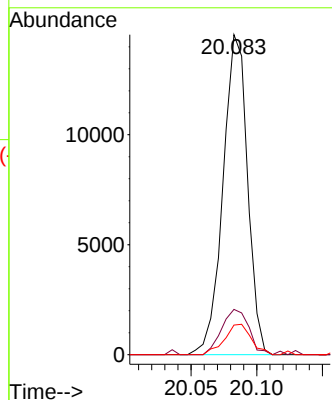
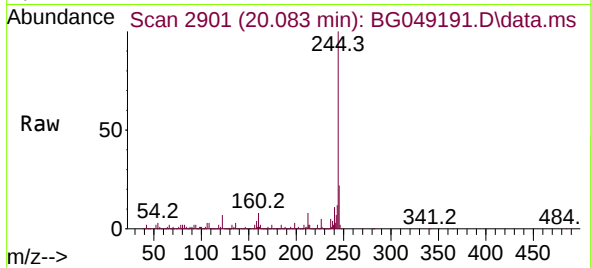




#77
Benzidine
Concen: 4.12 ng
RT: 20.083 min Scan# 2901
Delta R.T. 0.376 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

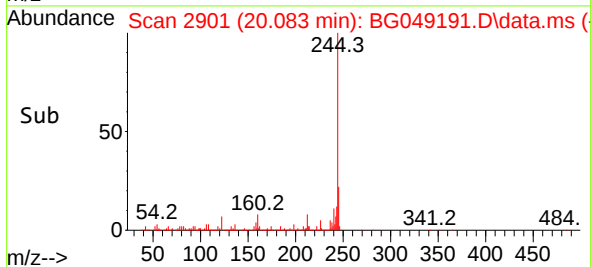
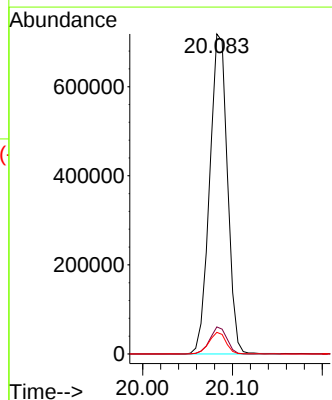
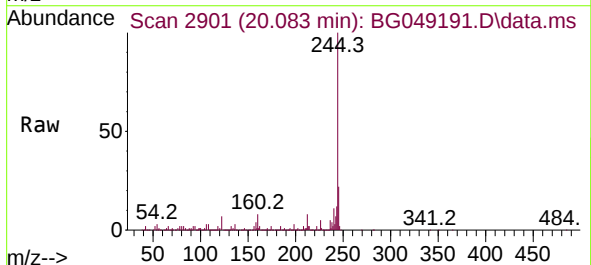
Instrument :
BNA_G
ClientSampleId :
TP-3

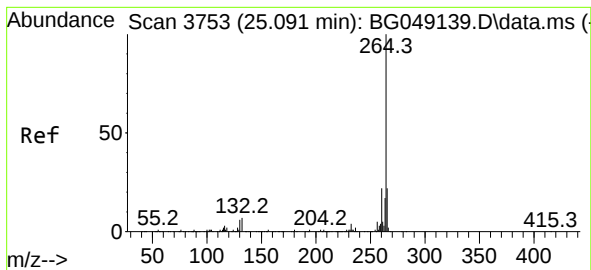
Tgt Ion:184 Resp: 18907
Ion Ratio Lower Upper
184 100
185 14.1 10.7 16.1
183 9.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 78.43 ng
RT: 20.083 min Scan# 2901
Delta R.T. 0.000 min
Lab File: BG049191.D
Acq: 6 Jul 2021 18:54

Tgt Ion:244 Resp: 987718
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 6.7 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.065 min Scan# 3749
 Delta R.T. 0.000 min
 Lab File: BG049191.D
 Acq: 6 Jul 2021 18:54

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:264 Resp: 223072
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.4 29.2
 265 21.7 16.9 25.3

