

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070621\
 Data File : BG049190.D
 Acq On : 6 Jul 2021 18:13
 Operator : CG/JU
 Sample : M2933-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1

Quant Time: Jul 07 01:11:59 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)

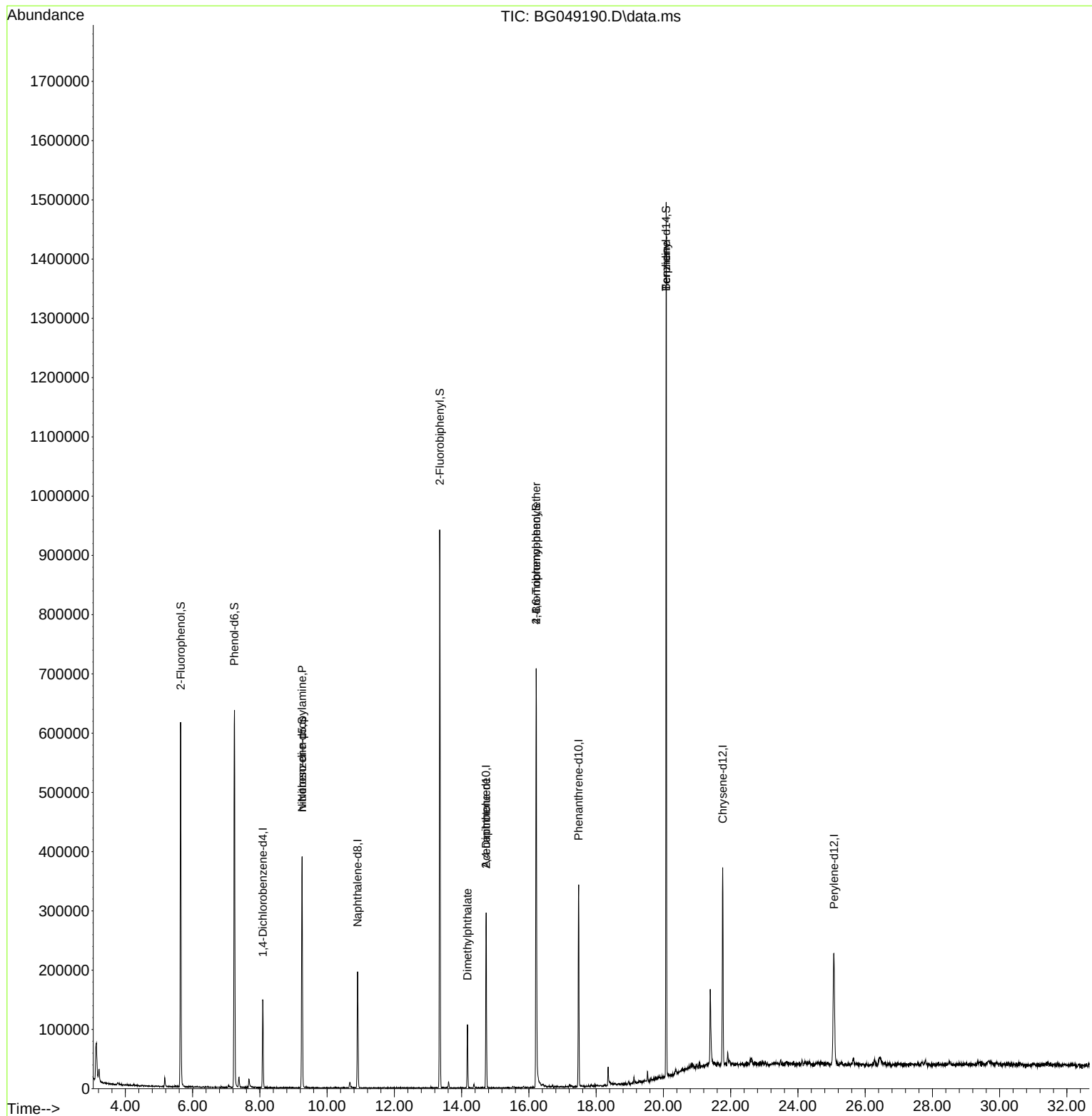
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	39575	20.00	ng	0.00
21) Naphthalene-d8	10.905	136	158569	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	105929	20.00	ng	0.00
64) Phenanthrene-d10	17.479	188	214636	20.00	ng	# 0.00
76) Chrysene-d12	21.762	240	209535	20.00	ng	0.00
86) Perylene-d12	25.070	264	216476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	253352	100.27	ng	0.01
7) Phenol-d6	7.244	99	337422	93.67	ng	0.00
23) Nitrobenzene-d5	9.254	82	227884	60.93	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	155816	84.85	ng	0.00
45) 2-Fluorobiphenyl	13.349	172	488898	62.27	ng	0.00
79) Terphenyl-d14	20.082	244	720730	58.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.254	70	34652	13.38	ng	# 74
50) Dimethylphthalate	14.171	163	67553	7.95	ng	100
57) 2,4-Dinitrotoluene	14.730	165	13489	4.87	ng	# 15
67) 4-Bromophenyl-phenylether	16.216	248	8691	3.00	ng	# 1
77) Benzidine	20.082	184	13394	2.98	ng	# 88

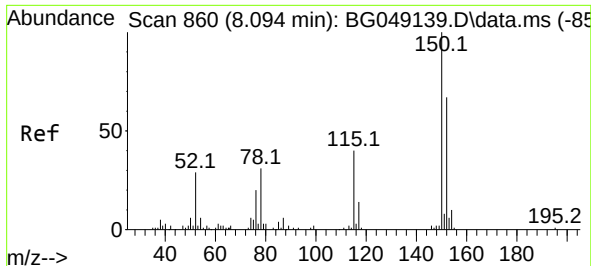
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

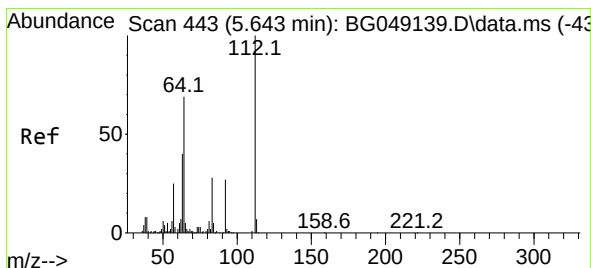
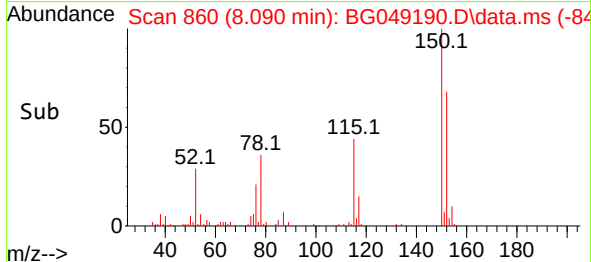
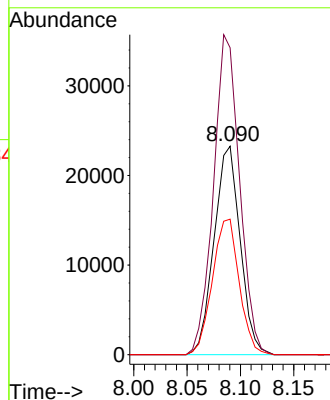
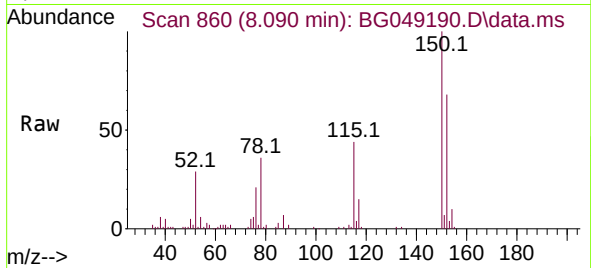




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

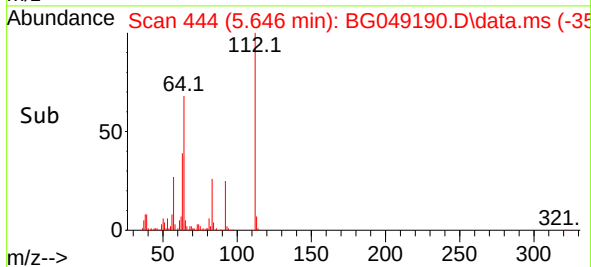
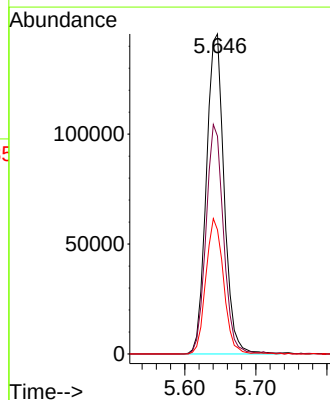
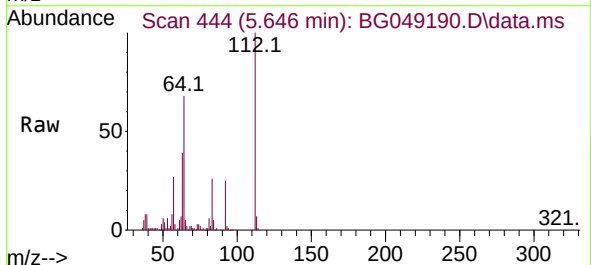
Instrument :
BNA_G
ClientSampleId :
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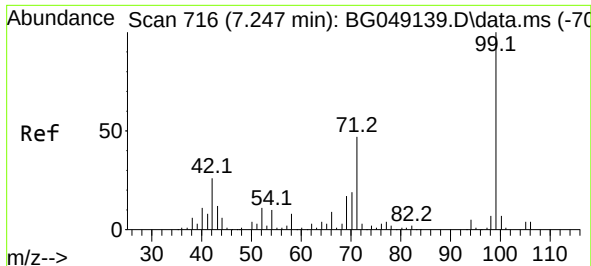
Tgt Ion:152 Resp: 39575
Ion Ratio Lower Upper
152 100
150 147.1 119.4 179.0
115 65.0 60.2 90.4



#5
2-Fluorophenol
Concen: 100.27 ng
RT: 5.646 min Scan# 444
Delta R.T. 0.011 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

Tgt Ion:112 Resp: 253352
Ion Ratio Lower Upper
112 100
64 68.0 46.7 70.1
63 38.8 35.3 52.9

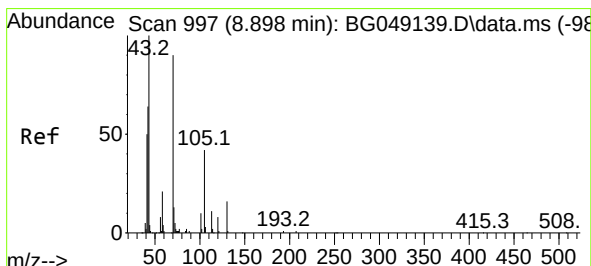
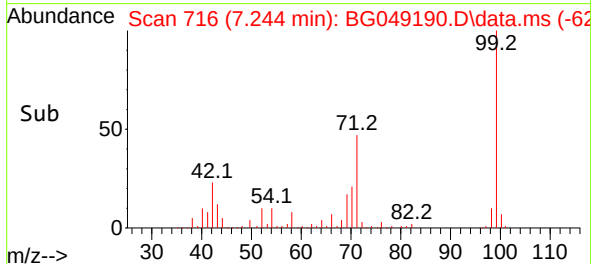
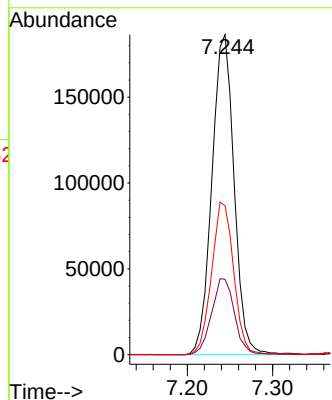
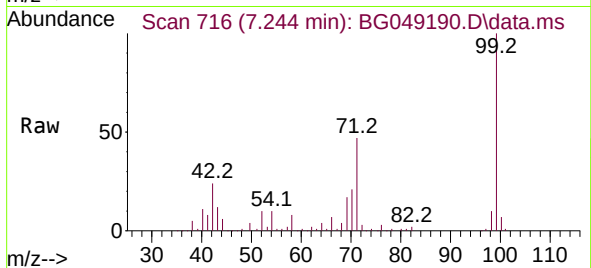




#7
Phenol-d6
Concen: 93.67 ng
RT: 7.244 min Scan# 716
Delta R.T. 0.006 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

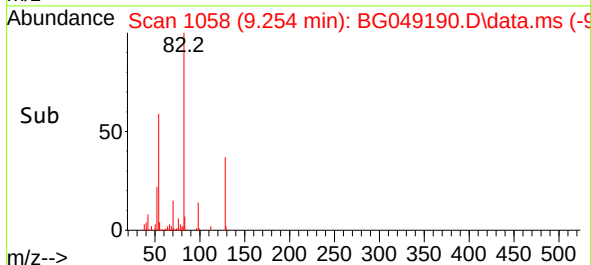
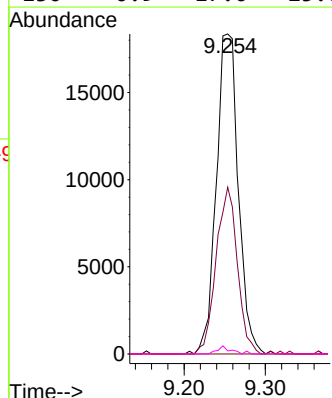
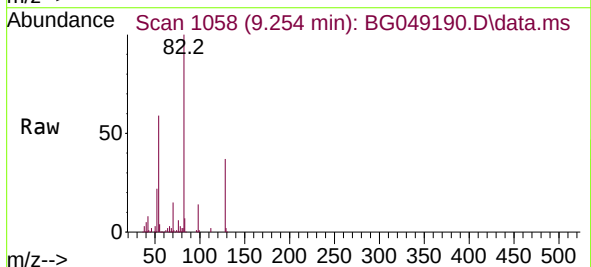
Instrument :
BNA_G
ClientSampleId :
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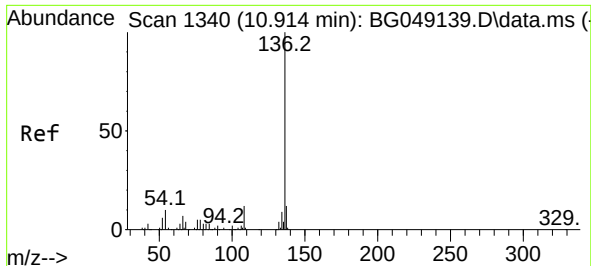
Tgt Ion: 99 Resp: 337422
Ion Ratio Lower Upper
99 100
42 23.5 20.5 30.7
71 46.6 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.38 ng
RT: 9.254 min Scan# 1058
Delta R.T. 0.358 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

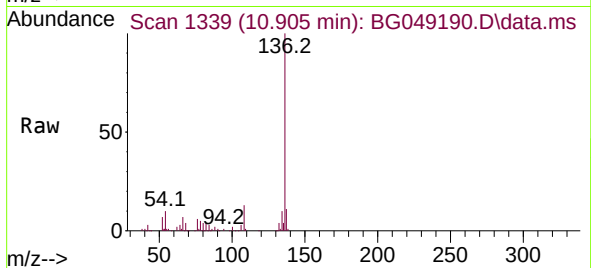
Tgt Ion: 70 Resp: 34652
Ion Ratio Lower Upper
70 100
42 52.1 54.5 81.7#
101 0.0 9.0 13.6#
130 0.9 17.0 25.6#



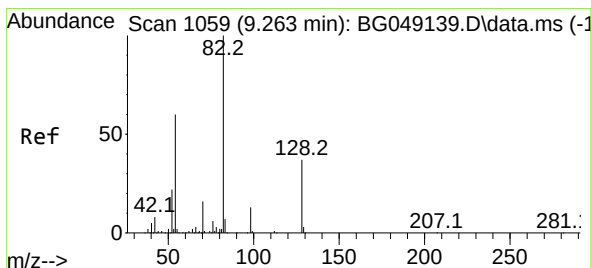
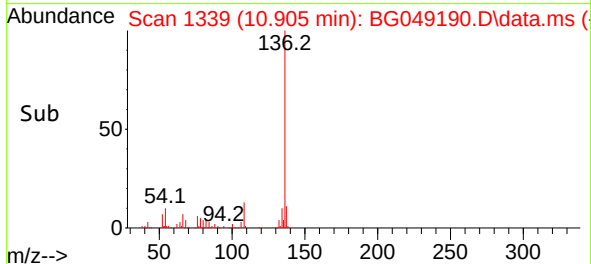
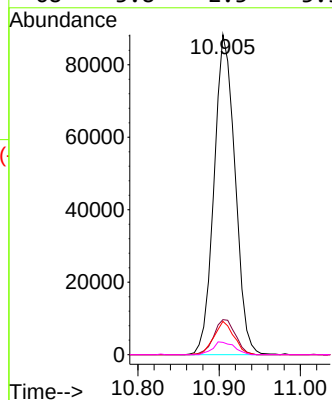


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.905 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

Instrument :
BNA_G
ClientSampled :
1

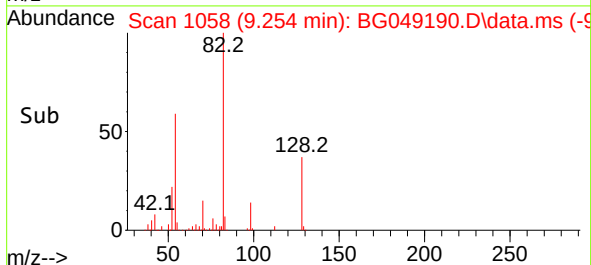
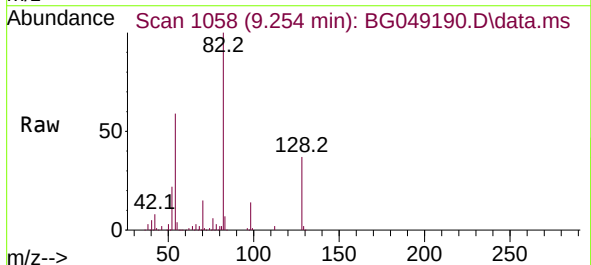
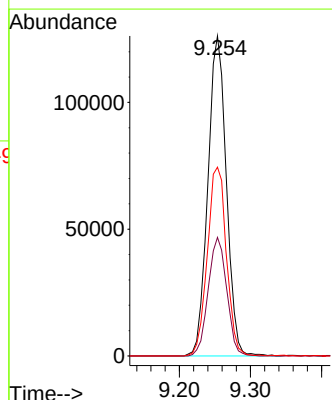


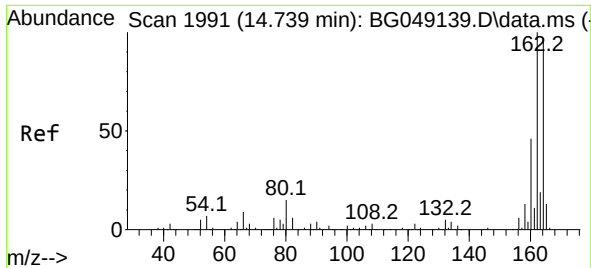
Tgt Ion:136 Resp: 158569
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 10.4 5.5 8.3#
68 3.8 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 60.93 ng
RT: 9.254 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

Tgt Ion: 82 Resp: 227884
Ion Ratio Lower Upper
82 100
128 37.1 29.8 44.6
54 59.0 45.8 68.8



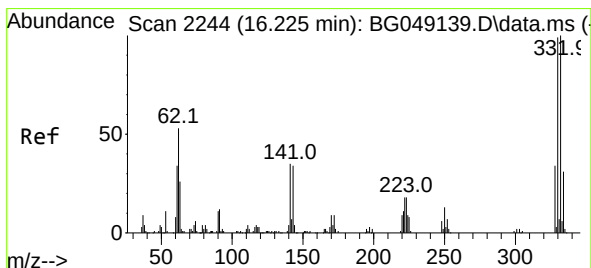
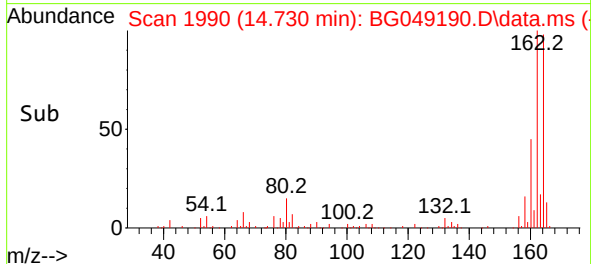
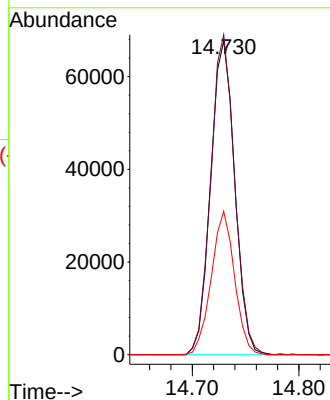
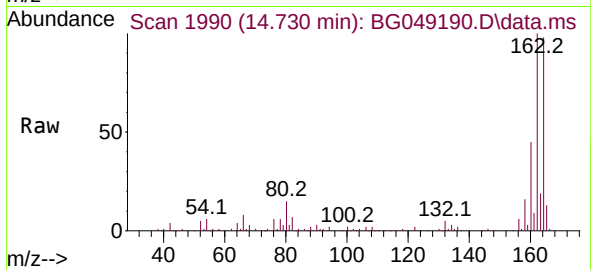


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

Instrument :
BNA_G
ClientSampleId :
1

Tgt Ion:164 Resp: 105929

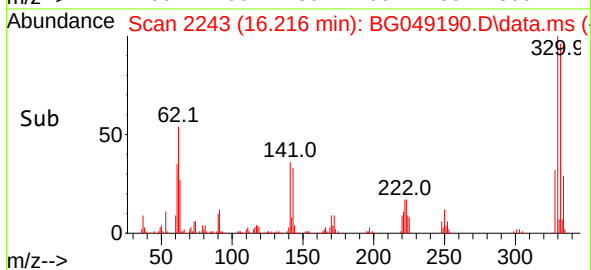
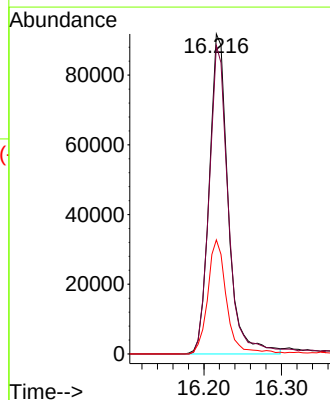
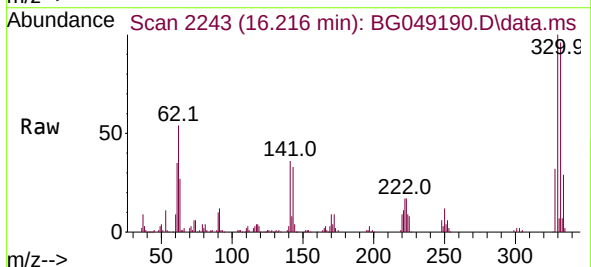
Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.0
160	45.7	34.9	52.3

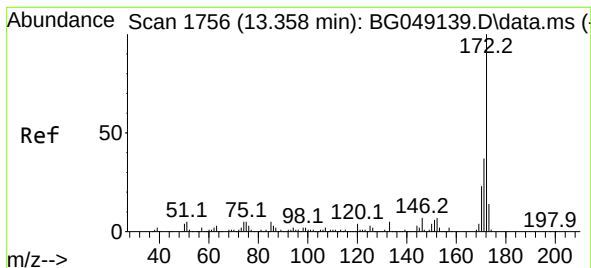


#42
2,4,6-Tribromophenol
Concen: 84.85 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.000 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

Tgt Ion:330 Resp: 155816

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	35.5	35.6	53.4#

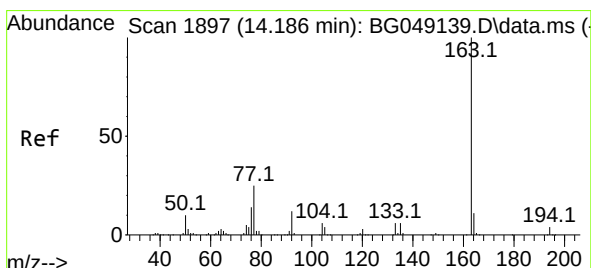
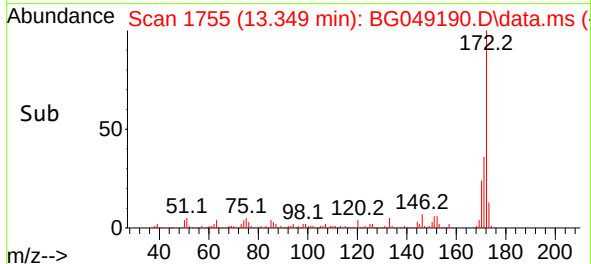
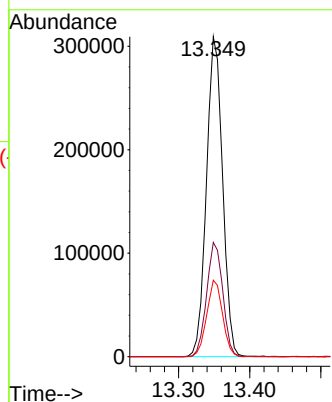
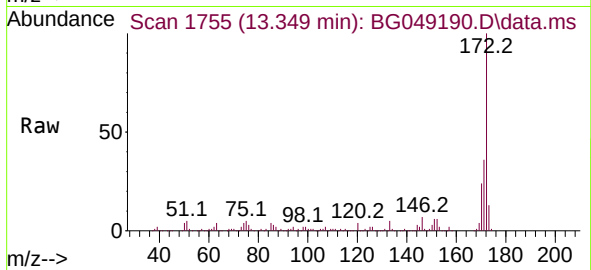




#45
2-Fluorobiphenyl
Concen: 62.27 ng
RT: 13.349 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

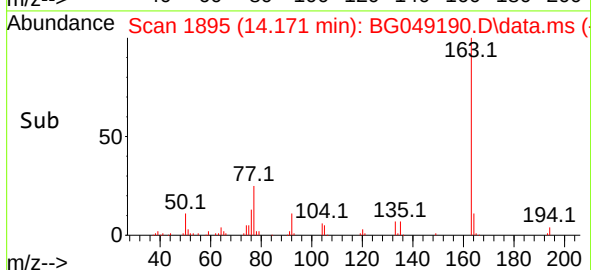
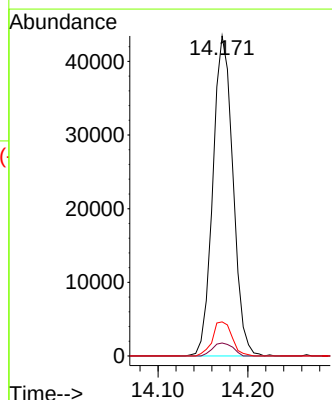
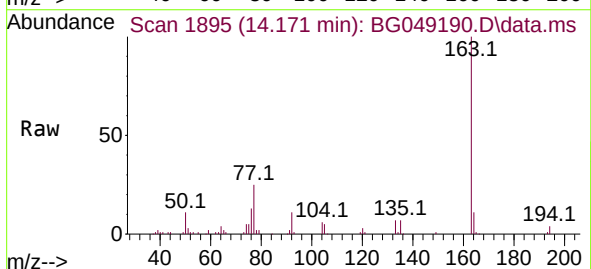
Instrument :
BNA_G
ClientSampleId :
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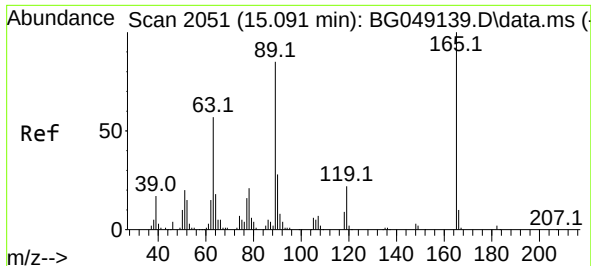
Tgt Ion:172	Resp: 488898
Ion Ratio	Lower Upper
172	100
171	35.7 28.6 43.0
170	23.9 18.6 27.8



#50
Dimethylphthalate
Concen: 7.95 ng
RT: 14.171 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

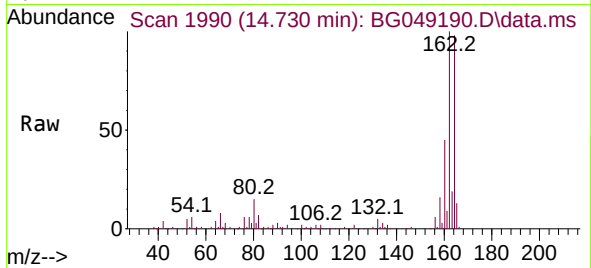
Tgt Ion:163	Resp: 67553
Ion Ratio	Lower Upper
163	100
194	4.0 3.0 4.6
164	10.6 8.6 12.8



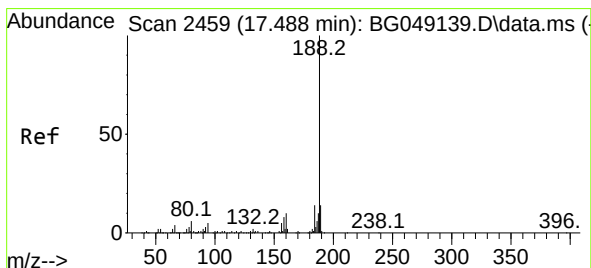
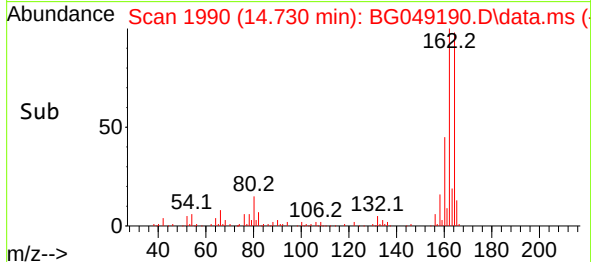
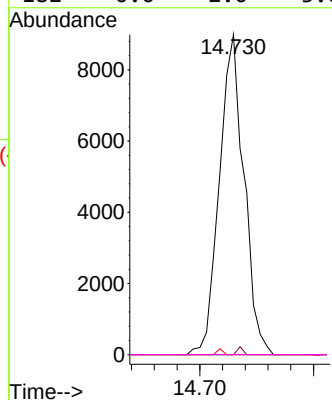


#57
2,4-Dinitrotoluene
Concen: 4.87 ng
RT: 14.730 min Scan# 1990
Delta R.T. -0.353 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

Instrument :
BNA_G
ClientSampled :
1

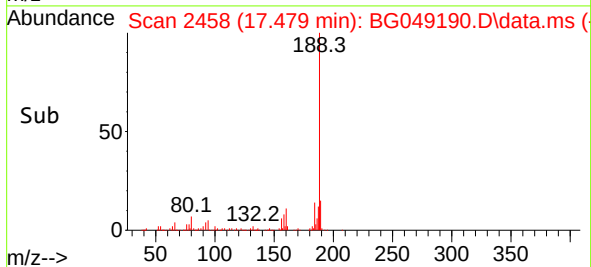
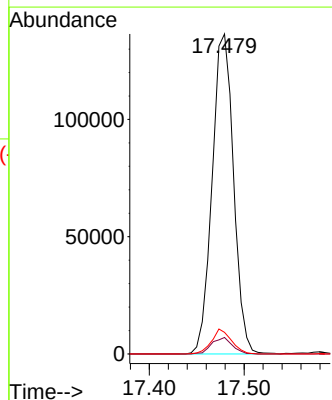
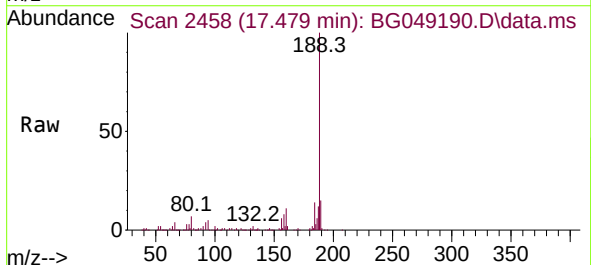


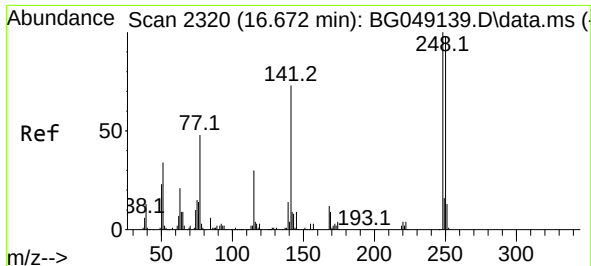
Tgt Ion:165 Resp: 13489
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.479 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

Tgt Ion:188 Resp: 214636
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 6.8 3.7 5.5#

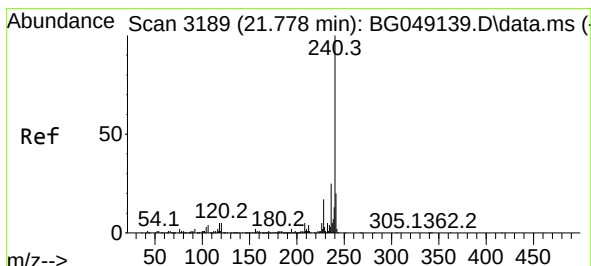
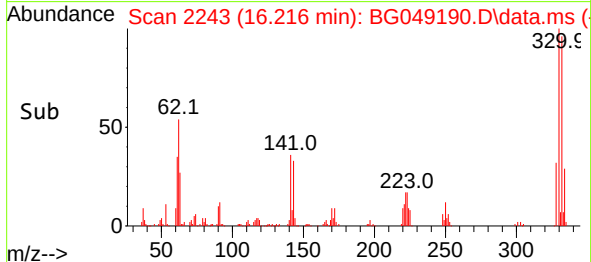
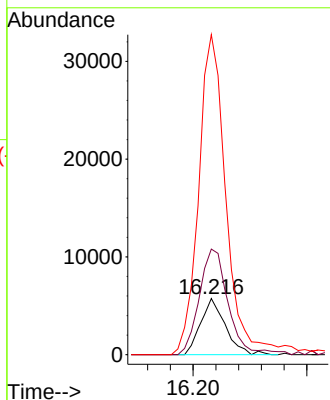
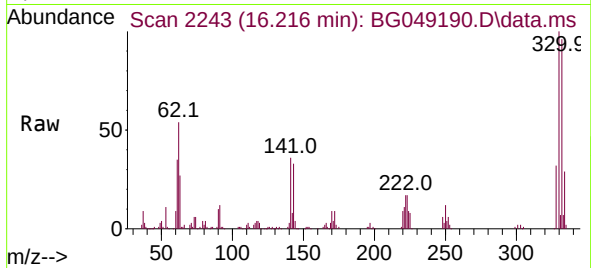




#67
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.447 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

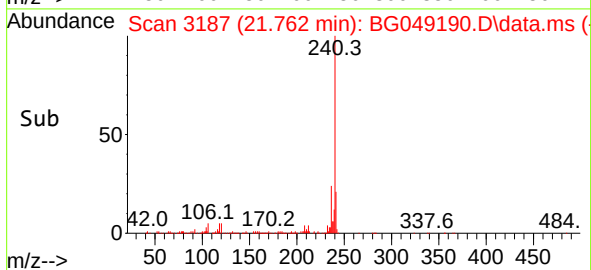
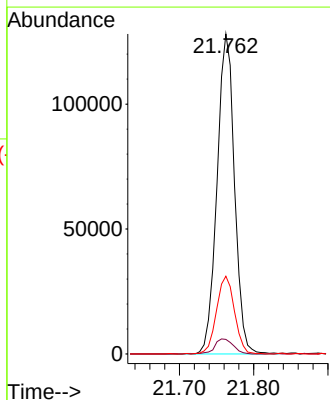
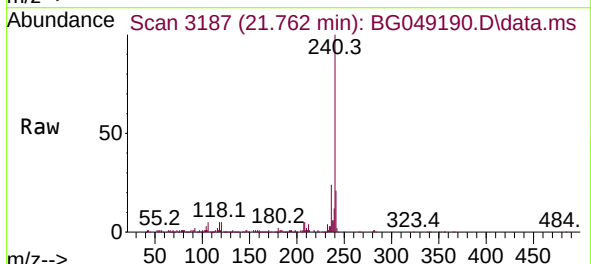
Instrument :
BNA_G
ClientSampleId :
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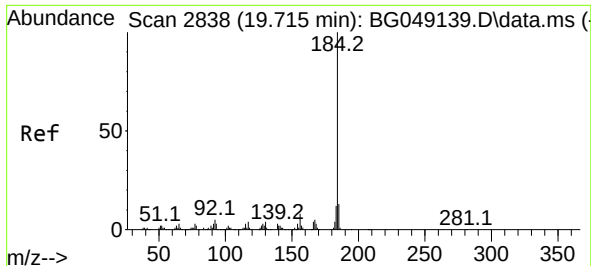
Tgt Ion:248 Resp: 8691
Ion Ratio Lower Upper
248 100
250 188.1 76.1 114.1#
141 570.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.762 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

Tgt Ion:240 Resp: 209535
Ion Ratio Lower Upper
240 100
120 4.6 4.2 6.2
236 24.3 21.8 32.6

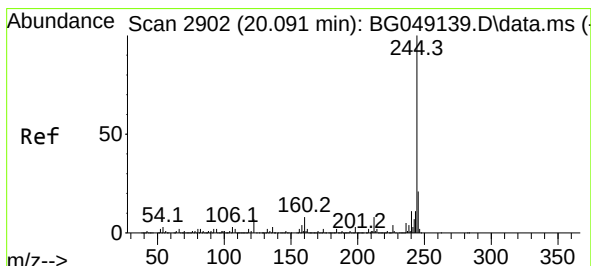
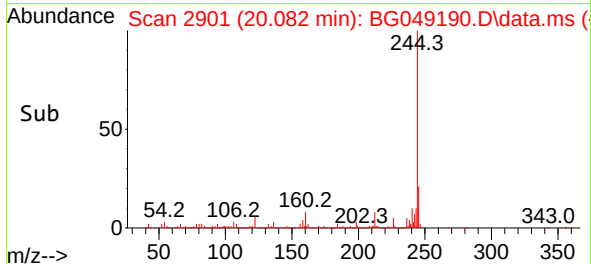
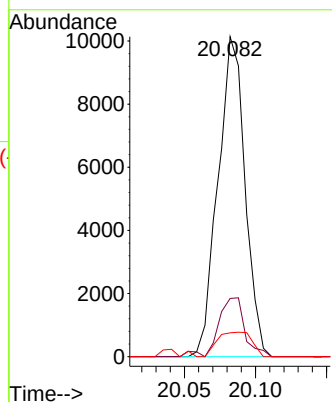
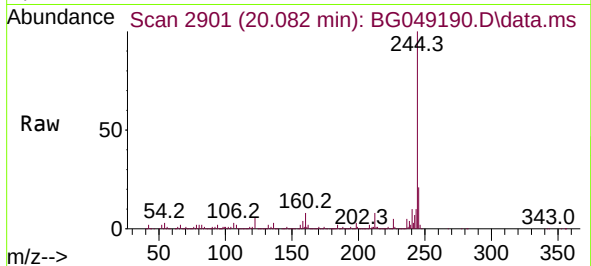




#77
Benzidine
Concen: 2.98 ng
RT: 20.082 min Scan# 2901
Delta R.T. 0.376 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

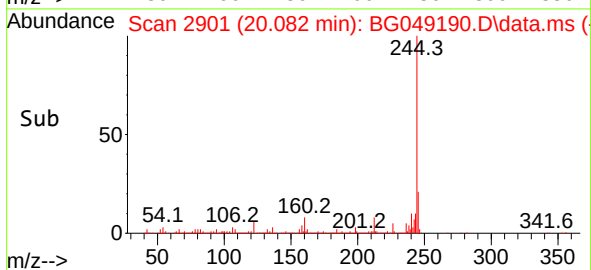
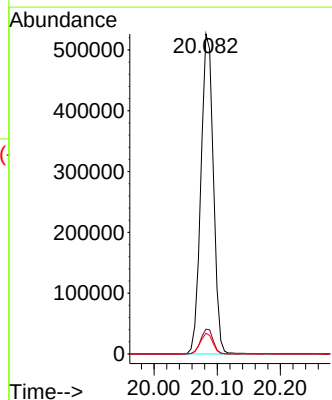
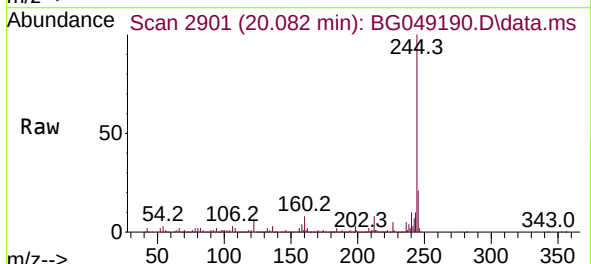
Instrument :
BNA_G
ClientSampleId :
1

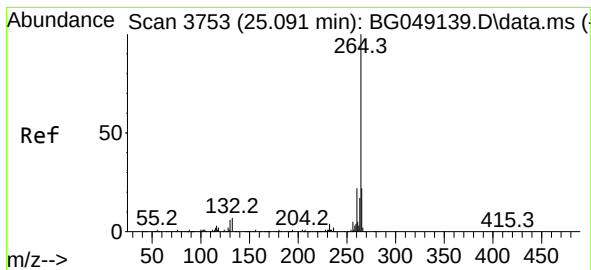
Tgt Ion:184 Resp: 13394
Ion Ratio Lower Upper
184 100
185 18.2 10.7 16.1#
183 7.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 58.29 ng
RT: 20.082 min Scan# 2901
Delta R.T. -0.000 min
Lab File: BG049190.D
Acq: 6 Jul 2021 18:13

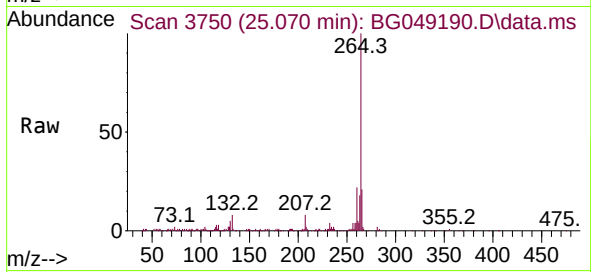
Tgt Ion:244 Resp: 720730
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 6.4 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.070 min Scan# 3750
 Delta R.T. 0.006 min
 Lab File: BG049190.D
 Acq: 6 Jul 2021 18:13

Instrument :
 BNA_G
 ClientSampleId :
 1



Tgt Ion:264 Resp: 216476
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.4 29.2
 265 21.0 16.9 25.3

