

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070621\
 Data File : BG049193.D
 Acq On : 6 Jul 2021 20:15
 Operator : CG/JU
 Sample : M2933-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2

Quant Time: Jul 07 01:12:28 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)

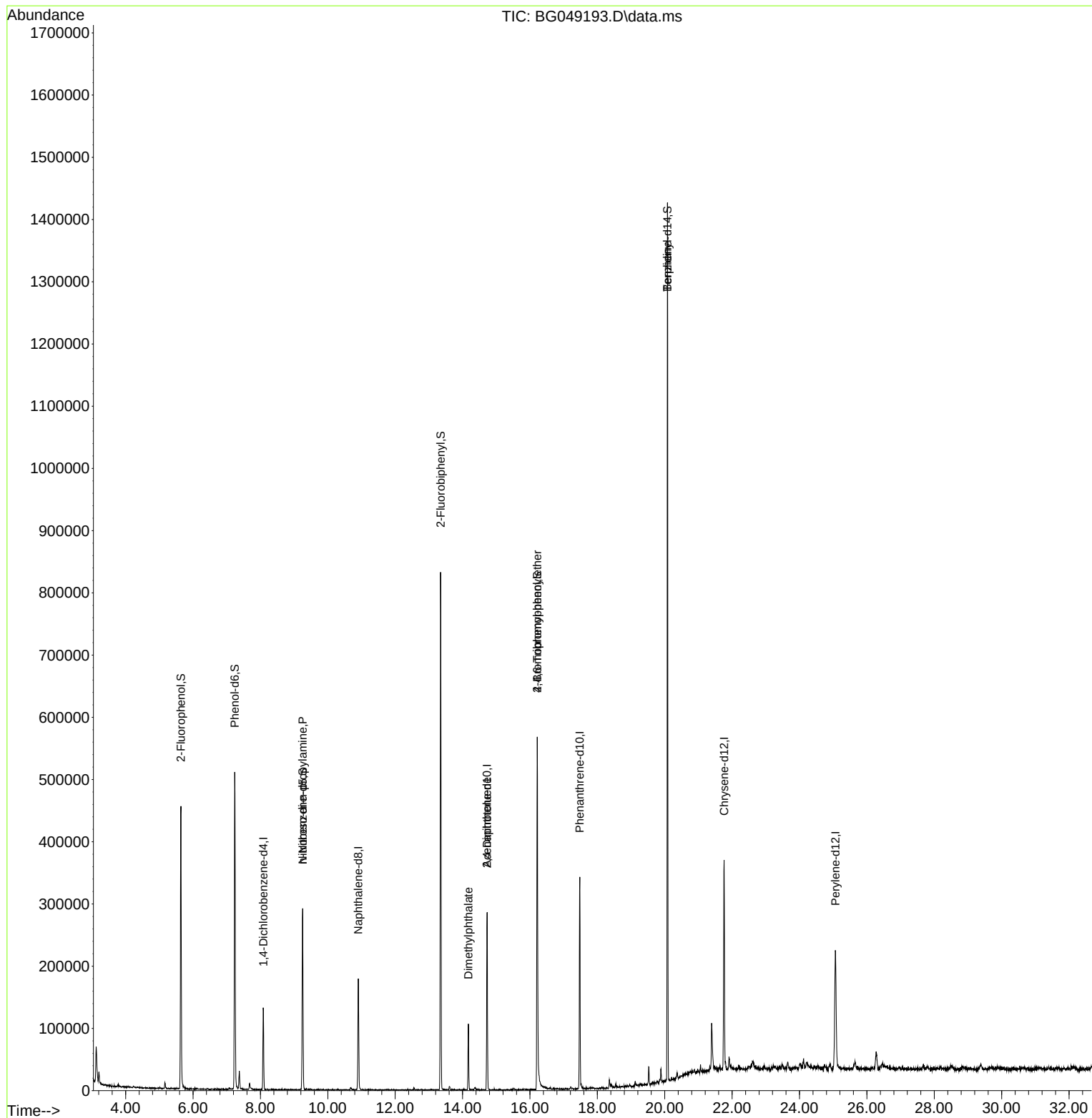
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	34502	20.00	ng	0.00
21) Naphthalene-d8	10.904	136	147571	20.00	ng	# 0.00
39) Acenaphthene-d10	14.729	164	103030	20.00	ng	0.00
64) Phenanthrene-d10	17.479	188	215510	20.00	ng	# 0.00
76) Chrysene-d12	21.762	240	212471	20.00	ng	0.00
86) Perylene-d12	25.064	264	223365	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	200178	90.87	ng	0.00
7) Phenol-d6	7.238	99	269496	85.81	ng	0.00
23) Nitrobenzene-d5	9.253	82	173525	49.85	ng	0.00
42) 2,4,6-Tribromophenol	16.216	330	134432	75.27	ng	0.00
45) 2-Fluorobiphenyl	13.349	172	435840	57.07	ng	0.00
79) Terphenyl-d14	20.082	244	649820	51.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.253	70	26466	11.73	ng	# 75
50) Dimethylphthalate	14.171	163	65695	7.95	ng	99
57) 2,4-Dinitrotoluene	14.729	165	13697	5.09	ng	# 17
67) 4-Bromophenyl-phenylether	16.216	248	8169	2.81	ng	# 1
77) Benzidine	20.082	184	11962	2.62	ng	# 89

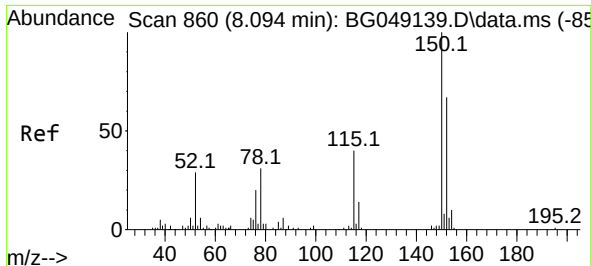
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070621\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2

Quant Time: Jul 07 01:12:28 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

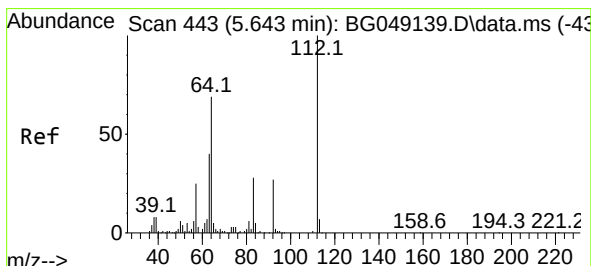
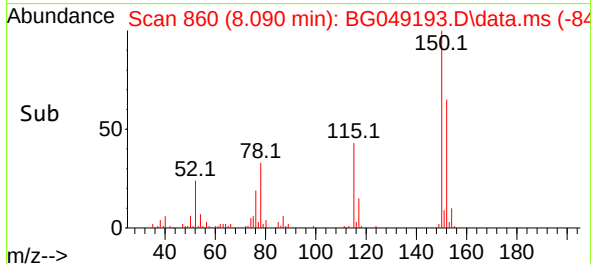
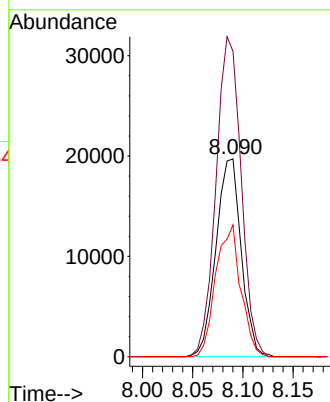
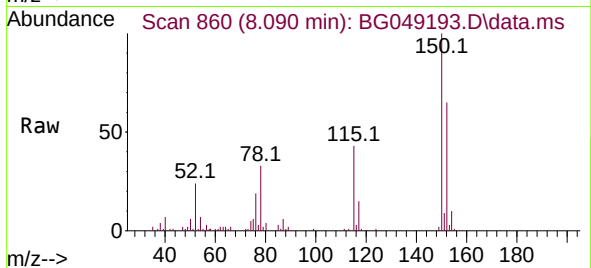




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.090 min Scan# 860
Delta R.T. -0.001 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

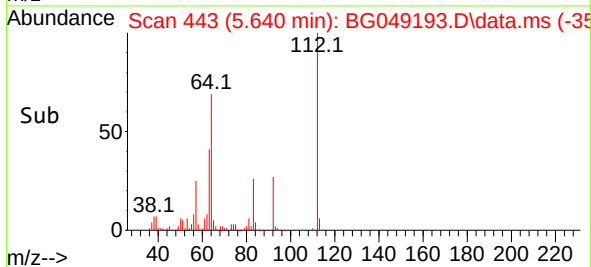
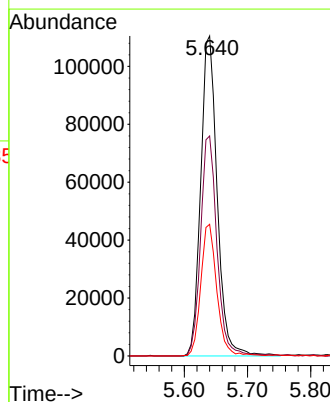
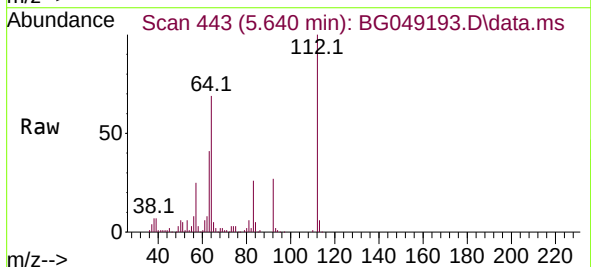
Instrument :
BNA_G
ClientSampleId :
2

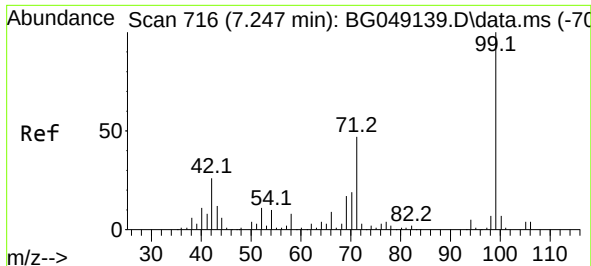
Tgt Ion:152 Resp: 34502
Ion Ratio Lower Upper
152 100
150 154.4 119.4 179.0
115 66.7 60.2 90.4



#5
2-Fluorophenol
Concen: 90.87 ng
RT: 5.640 min Scan# 443
Delta R.T. 0.005 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

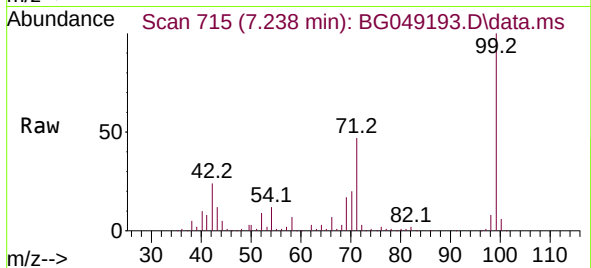
Tgt Ion:112 Resp: 200178
Ion Ratio Lower Upper
112 100
64 68.7 46.7 70.1
63 41.2 35.3 52.9



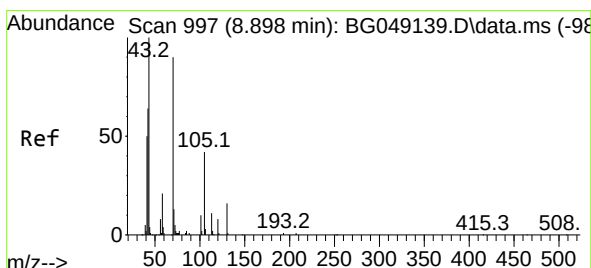
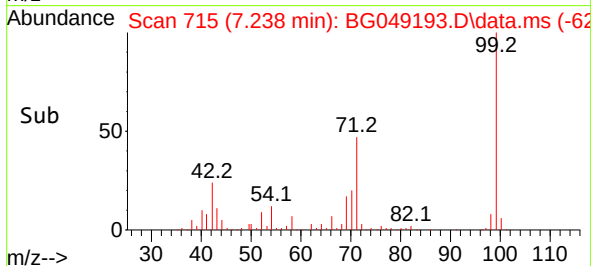
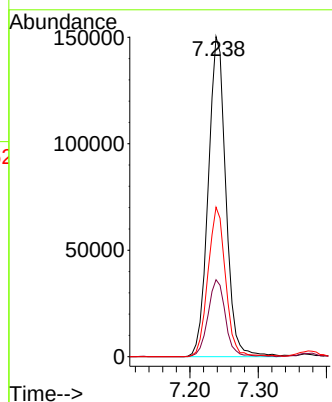


#7
Phenol-d6
Concen: 85.81 ng
RT: 7.238 min Scan# 715
Delta R.T. -0.000 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

Instrument :
BNA_G
ClientSampleId :
2

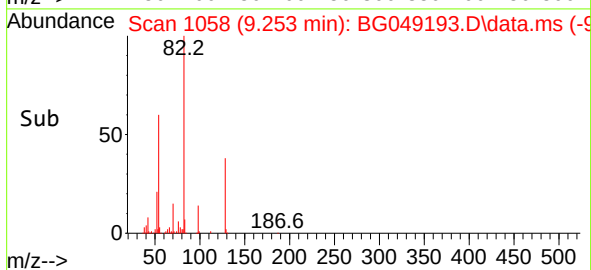
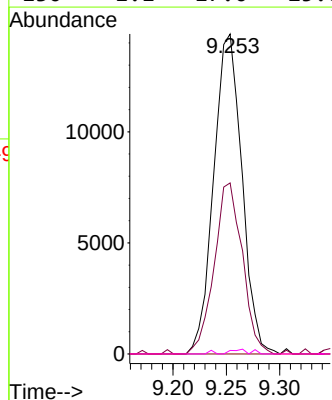
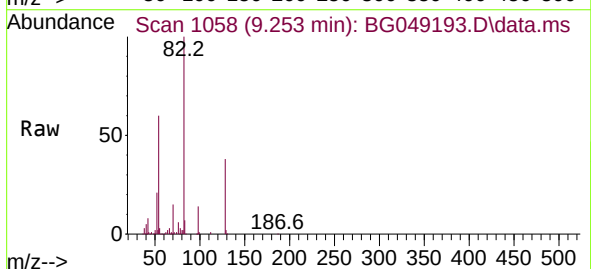


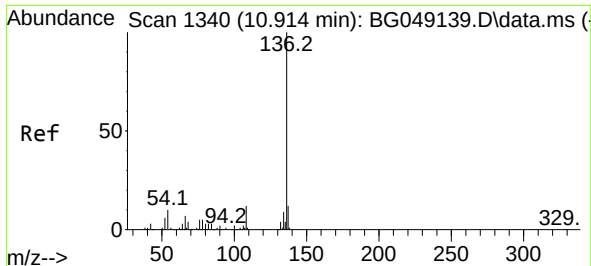
Tgt Ion: 99 Resp: 269496
Ion Ratio Lower Upper
99 100
42 24.0 20.5 30.7
71 46.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.73 ng
RT: 9.253 min Scan# 1058
Delta R.T. 0.358 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

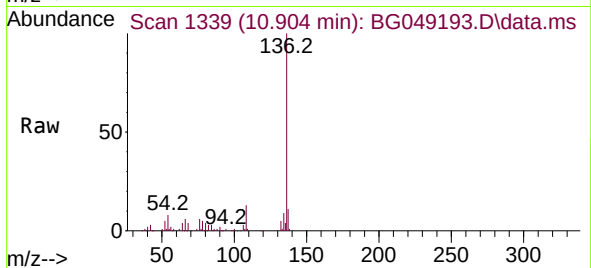
Tgt Ion: 70 Resp: 26466
Ion Ratio Lower Upper
70 100
42 53.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.1 17.0 25.6#



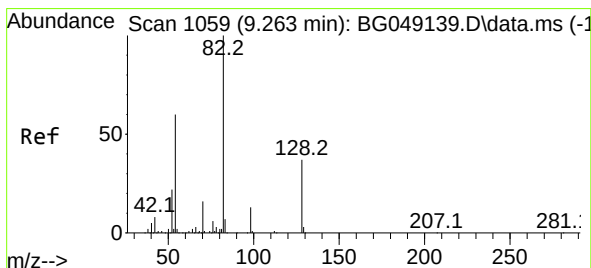
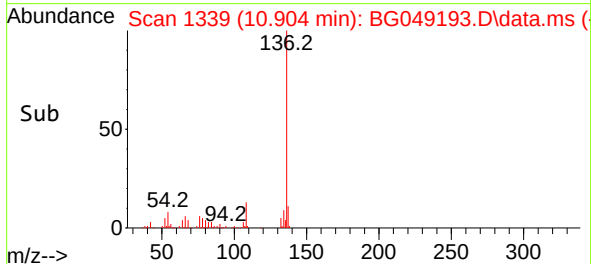
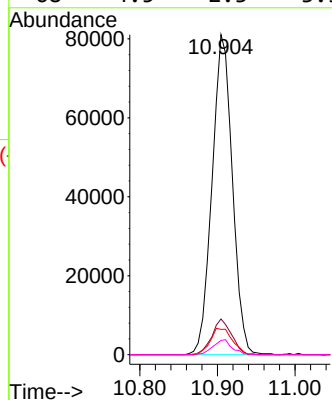


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.904 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

Instrument :
BNA_G
ClientSampled :
2

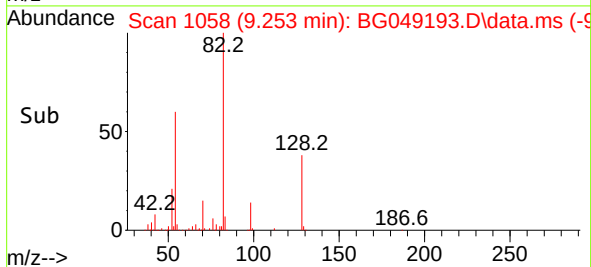
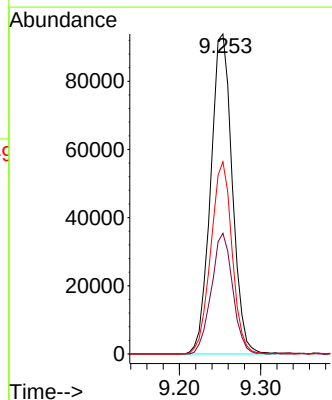
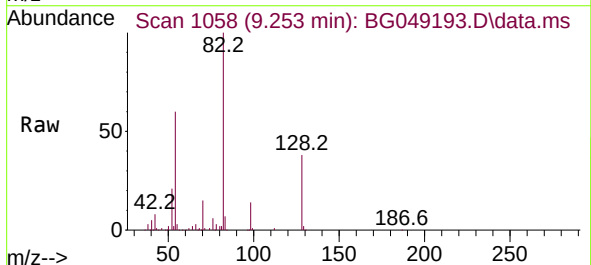


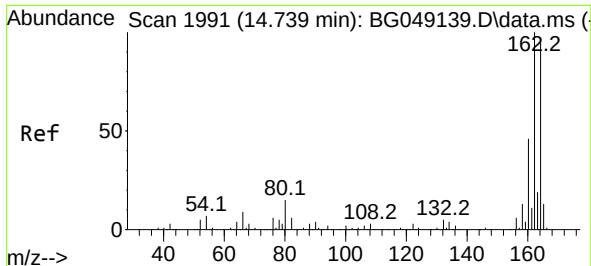
Tgt Ion:136 Resp: 147571
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 7.9 5.5 8.3
68 4.5 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 49.85 ng
RT: 9.253 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

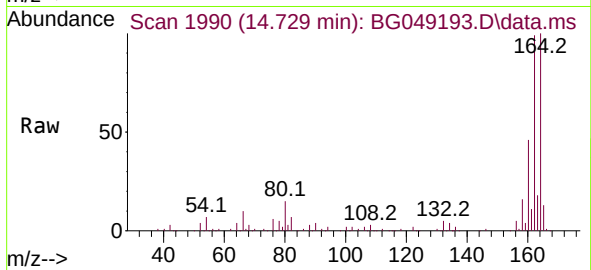
Tgt Ion: 82 Resp: 173525
Ion Ratio Lower Upper
82 100
128 37.7 29.8 44.6
54 60.1 45.8 68.8



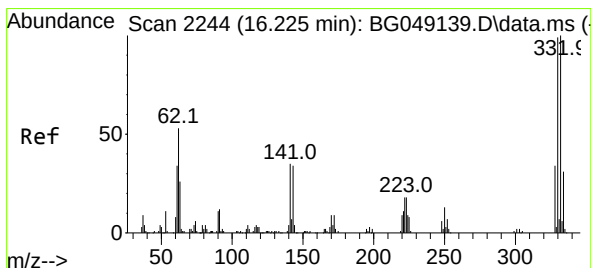
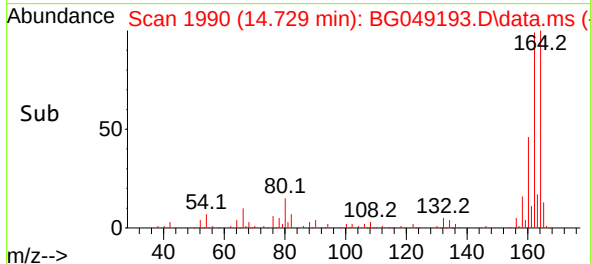
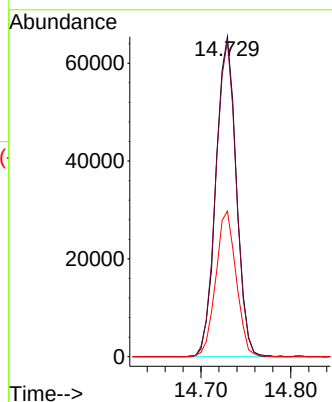


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.729 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

Instrument :
BNA_G
ClientSampled :
2

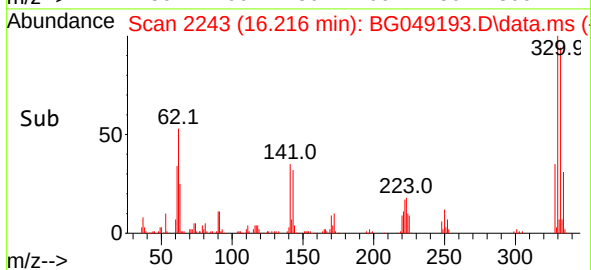
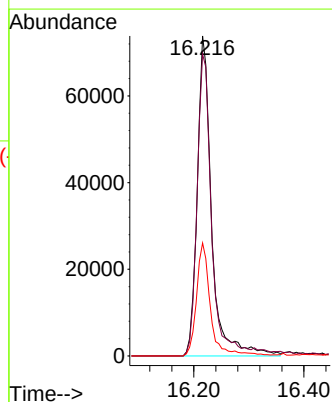
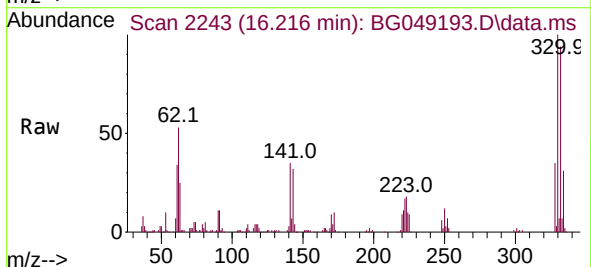


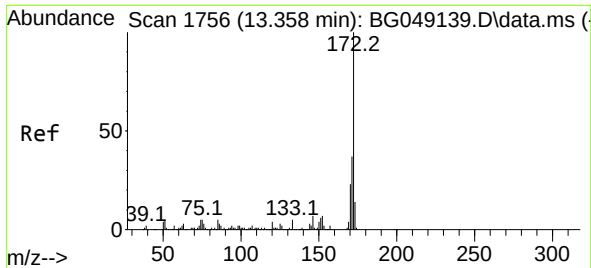
Tgt Ion:164 Resp: 103030
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 45.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 75.27 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.000 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

Tgt Ion:330 Resp: 134432
Ion Ratio Lower Upper
330 100
332 93.8 77.3 115.9
141 34.3 35.6 53.4#

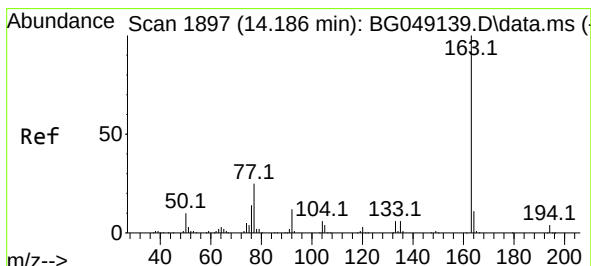
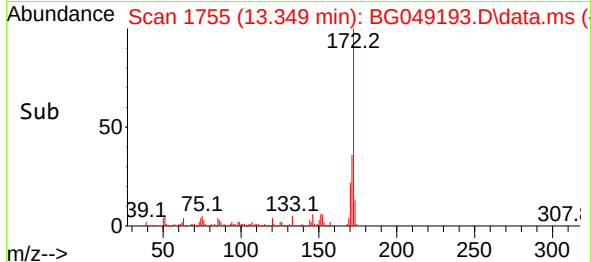
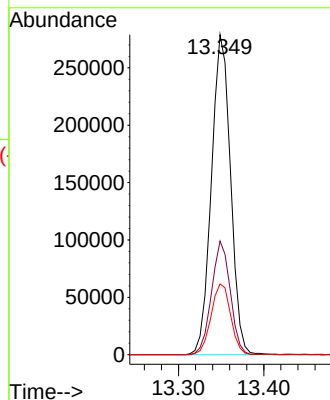
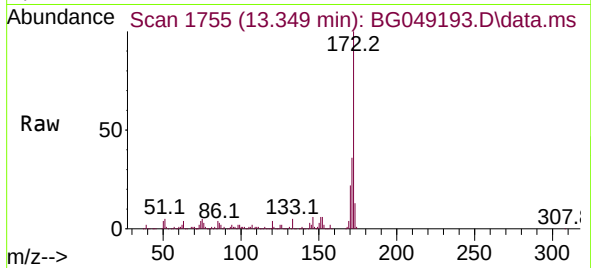




#45
2-Fluorobiphenyl
Concen: 57.07 ng
RT: 13.349 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

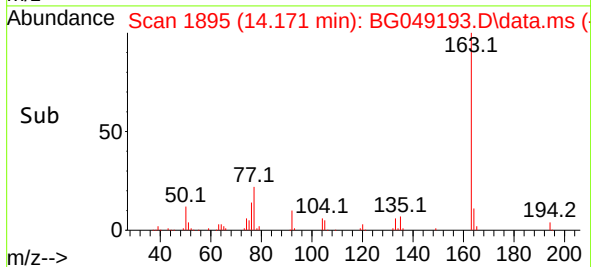
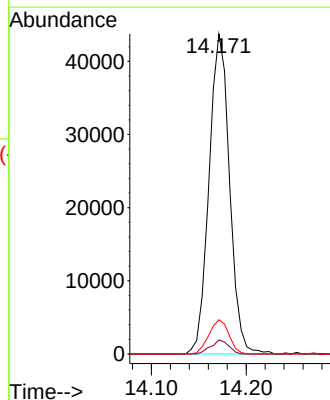
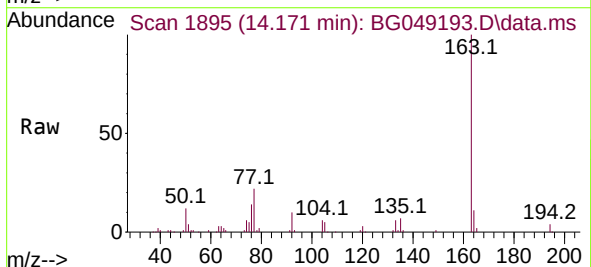
Instrument :
BNA_G
ClientSampleId :
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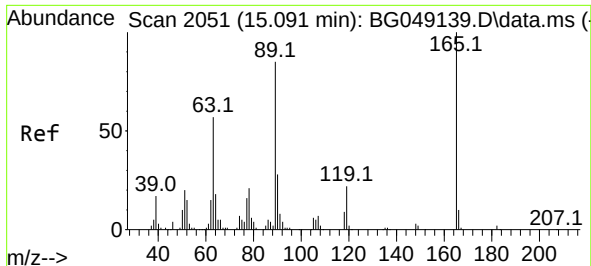
Tgt Ion:172 Resp: 435840
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 22.1 18.6 27.8



#50
Dimethylphthalate
Concen: 7.95 ng
RT: 14.171 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

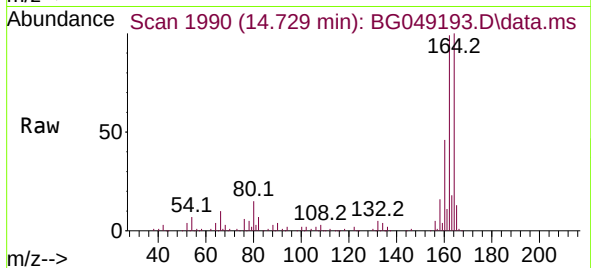
Tgt Ion:163 Resp: 65695
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 10.7 8.6 12.8



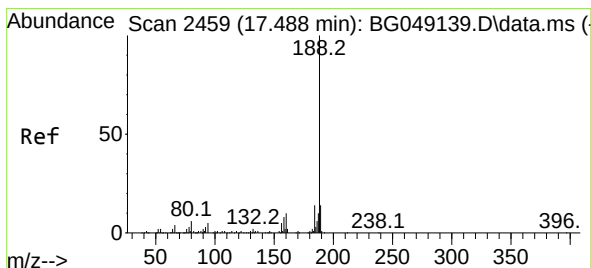
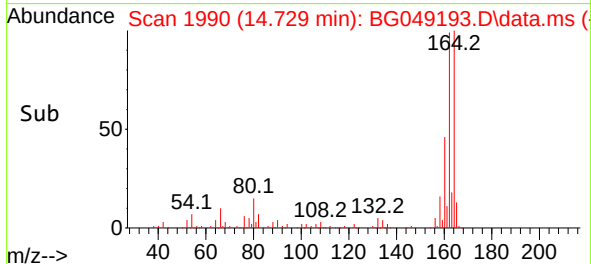
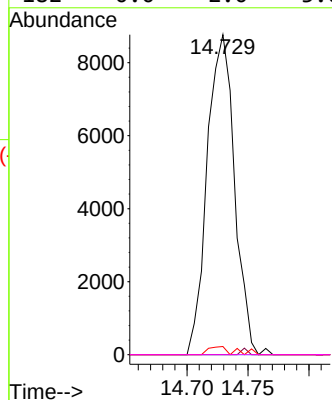


#57
2,4-Dinitrotoluene
Concen: 5.09 ng
RT: 14.729 min Scan# 1990
Delta R.T. -0.353 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

Instrument :
BNA_G
ClientSampled :
2

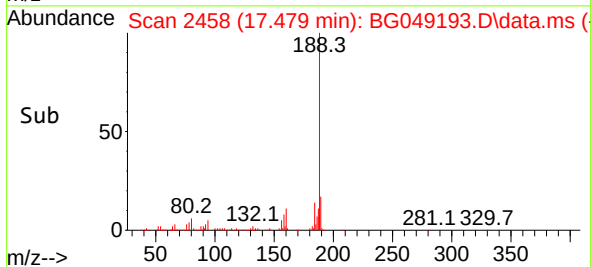
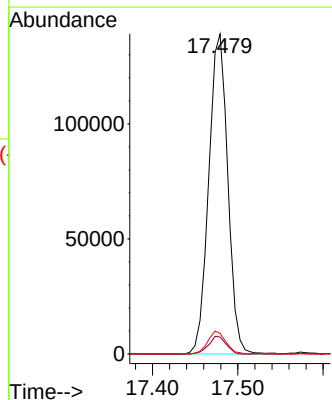
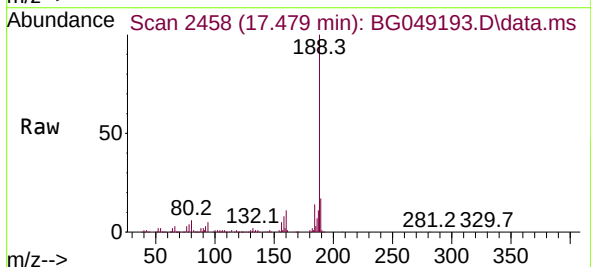


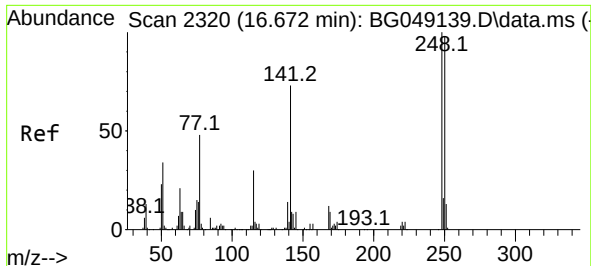
Tgt Ion:165 Resp: 13697
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.6 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.479 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

Tgt Ion:188 Resp: 215510
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 6.5 3.7 5.5#

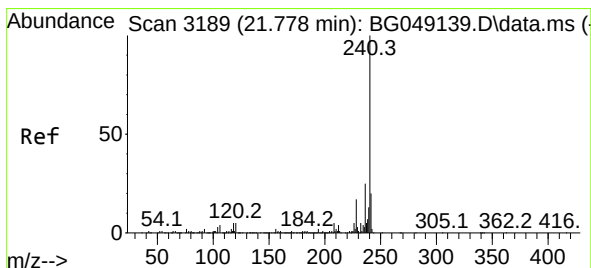
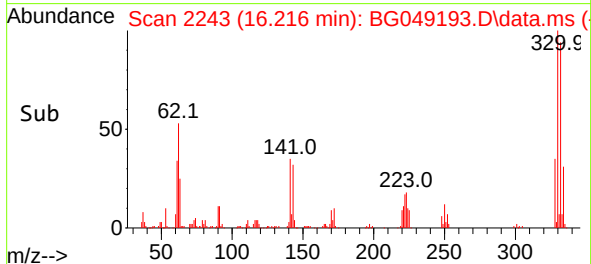
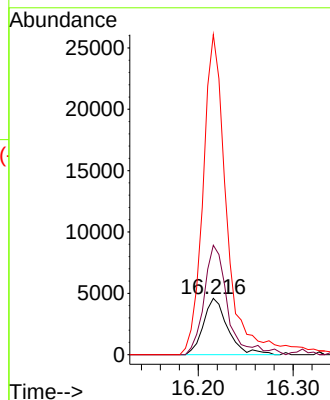
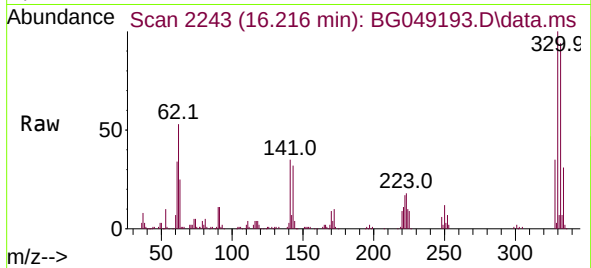




#67
4-Bromophenyl-phenylether
Concen: 2.81 ng
RT: 16.216 min Scan# 2243
Delta R.T. -0.447 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

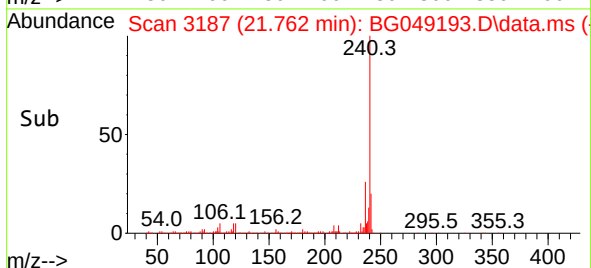
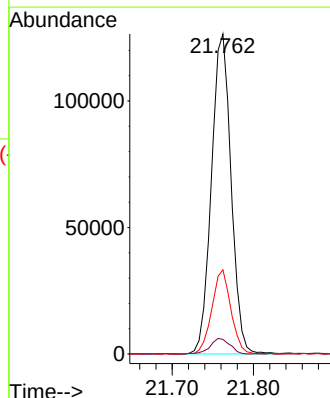
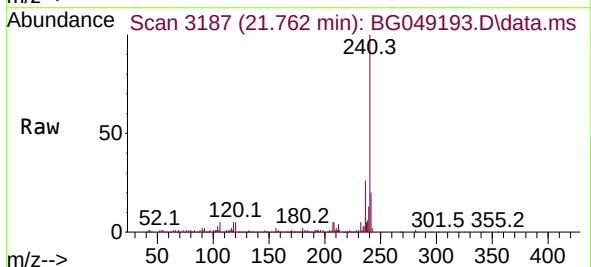
Instrument :
BNA_G
ClientSampled :
2

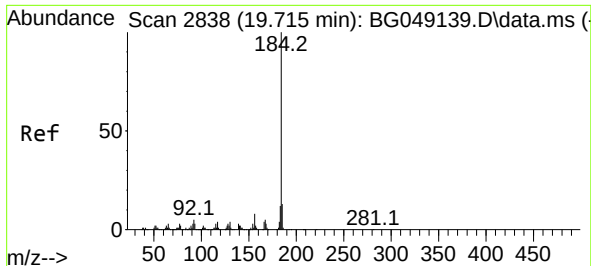
Tgt Ion:248 Resp: 8169
Ion Ratio Lower Upper
248 100
250 194.6 76.1 114.1#
141 568.7 65.4 98.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.762 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

Tgt Ion:240 Resp: 212471
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 26.3 21.8 32.6

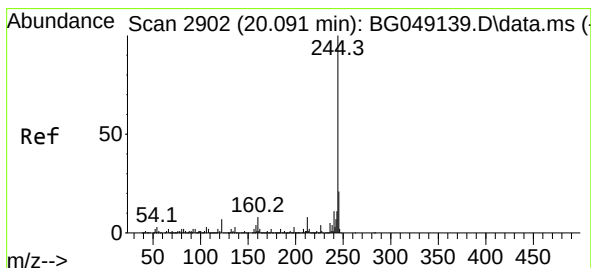
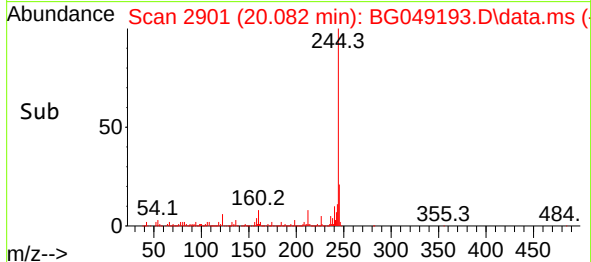
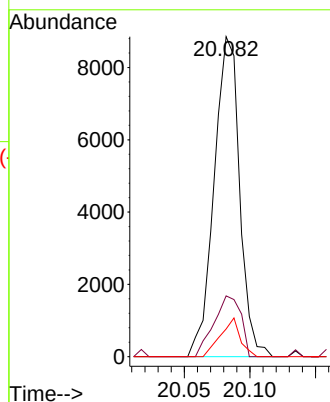
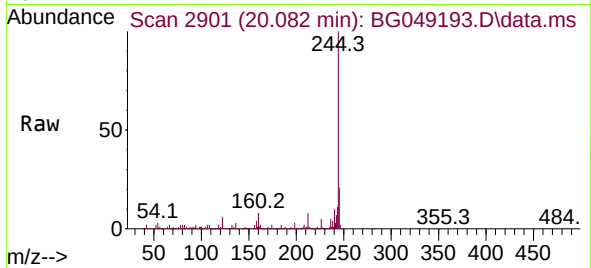




#77
Benzidine
Concen: 2.62 ng
RT: 20.082 min Scan# 2901
Delta R.T. 0.376 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

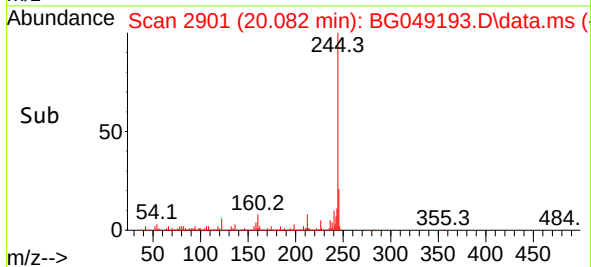
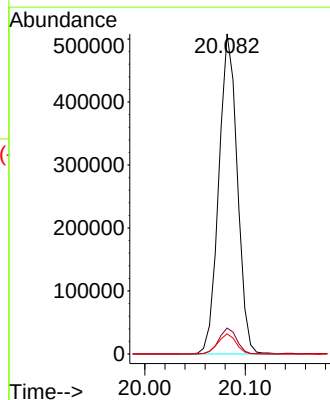
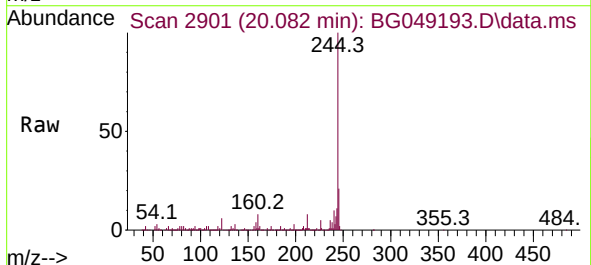
Instrument :
BNA_G
ClientSampled :
2

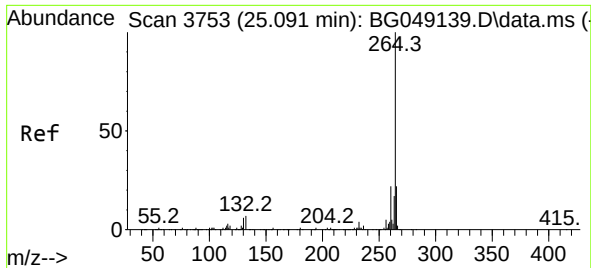
Tgt Ion:184 Resp: 11962
Ion Ratio Lower Upper
184 100
185 19.0 10.7 16.1#
183 8.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 51.83 ng
RT: 20.082 min Scan# 2901
Delta R.T. -0.000 min
Lab File: BG049193.D
Acq: 6 Jul 2021 20:15

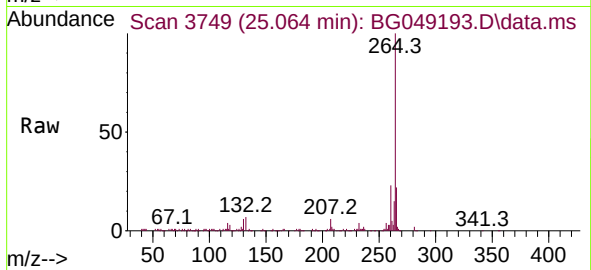
Tgt Ion:244 Resp: 649820
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.3 5.0 7.6





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.064 min Scan# 3749
 Delta R.T. -0.000 min
 Lab File: BG049193.D
 Acq: 6 Jul 2021 20:15

Instrument :
 BNA_G
 ClientSampleId :
 2



Tgt Ion:	264	Resp:	223365
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.7	16.9	25.3

