

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070621\
 Data File : BG049189.D
 Acq On : 6 Jul 2021 17:31
 Operator : CG/JU
 Sample : M2932-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1

Quant Time: Jul 06 18:22:00 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)

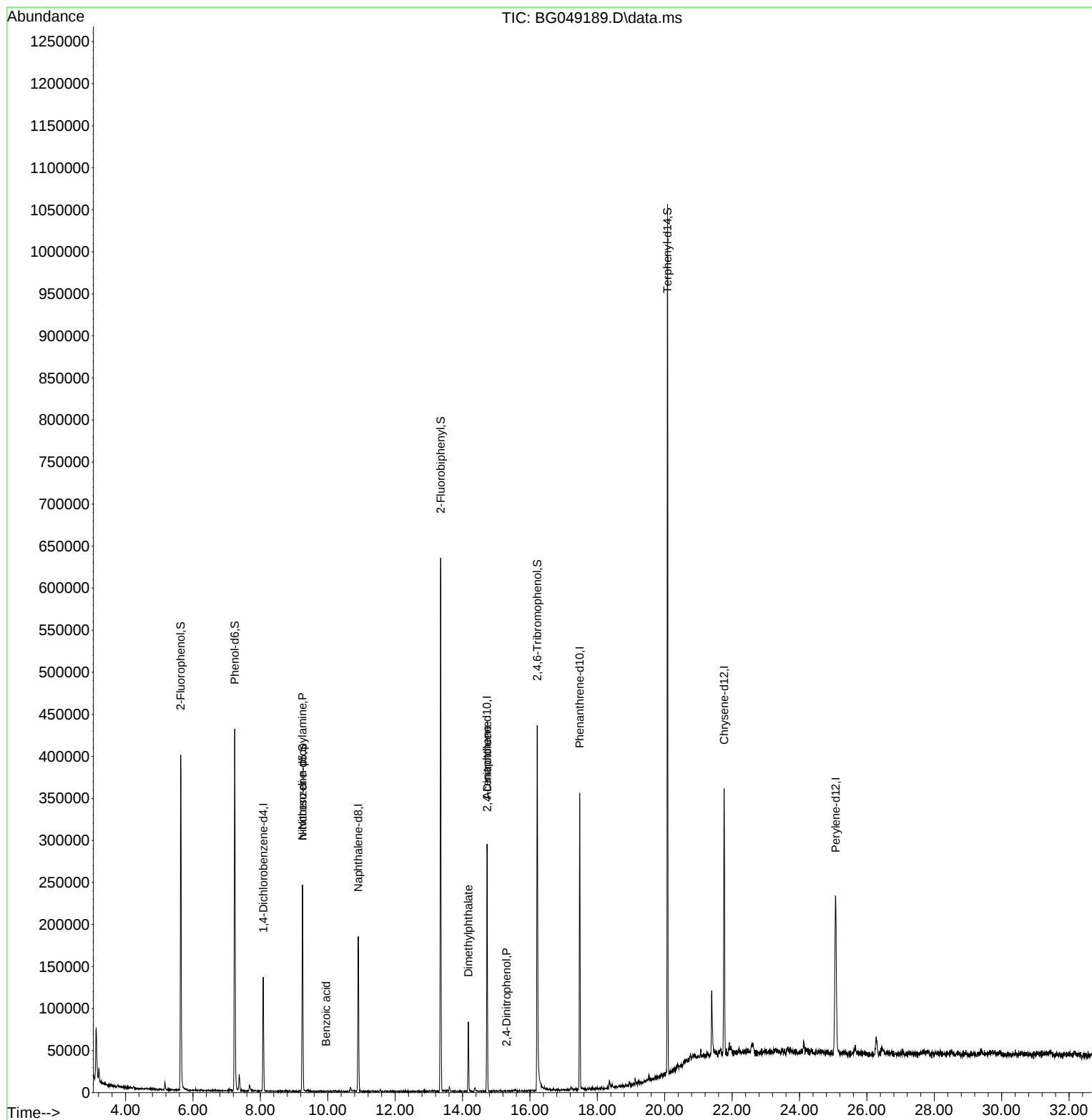
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	36884	20.000	ng	# 0.00
21) Naphthalene-d8	10.908	136	152589	20.000	ng	# 0.00
39) Acenaphthene-d10	14.727	164	103893	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	221208	20.000	ng	# 0.00
76) Chrysene-d12	21.766	240	211885	20.000	ng	0.00
86) Perylene-d12	25.074	264	222809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	165318	70.202	ng	0.00
7) Phenol-d6	7.242	99	229207	68.269	ng	0.00
23) Nitrobenzene-d5	9.251	82	146764	40.779	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	105755	58.719	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	336485	43.696	ng	0.00
79) Terphenyl-d14	20.086	244	497677	39.801	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.251	70	21058	8.727	ng	# 68
32) Benzoic acid	9.950	122	57	6.302	ng	# 1
50) Dimethylphthalate	14.175	163	51032	6.120	ng	100
54) 2,4-Dinitrophenol	15.303	184	84	5.224	ng	# 8
57) 2,4-Dinitrotoluene	14.733	165	13221	4.869	ng	# 17

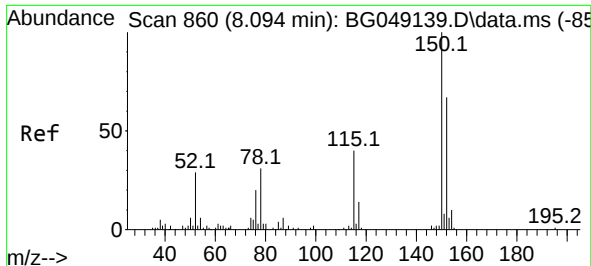
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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BNA_G
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Quant Time: Jul 06 18:22:00 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

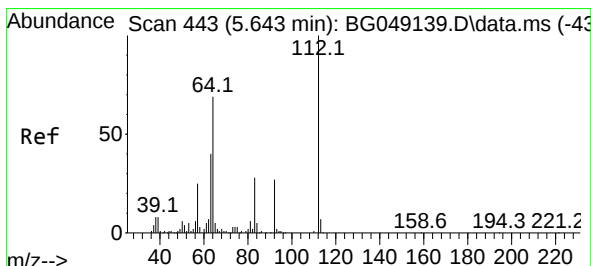
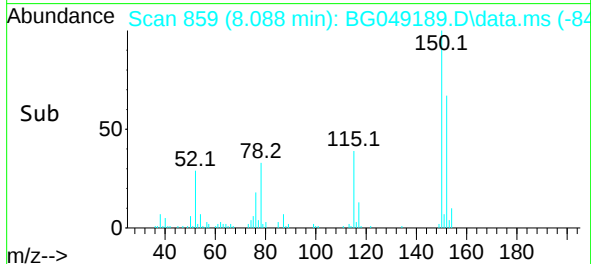
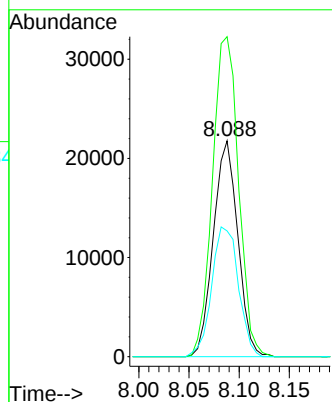
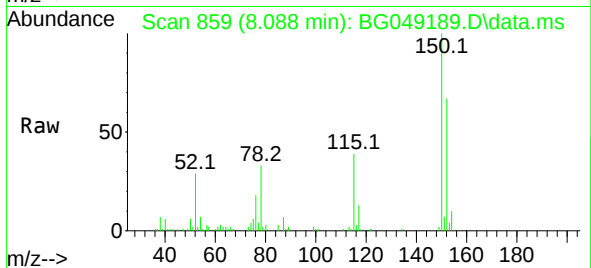




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 859
Delta R.T. -0.003 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

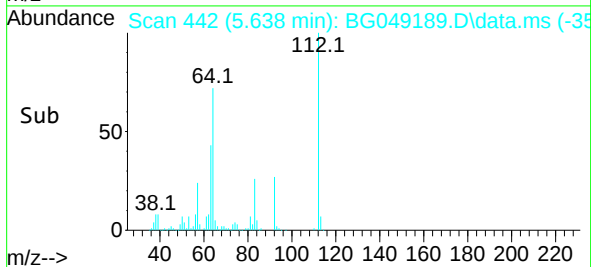
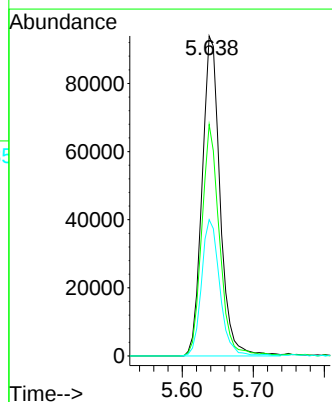
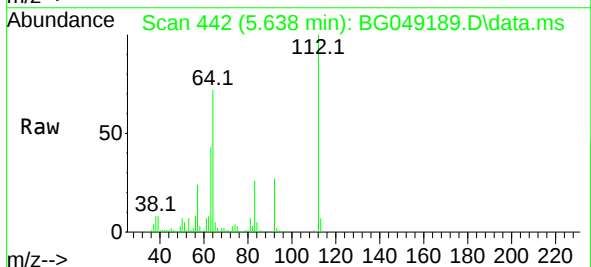
Instrument :
BNA_G
ClientSampleId :
DRUM-1

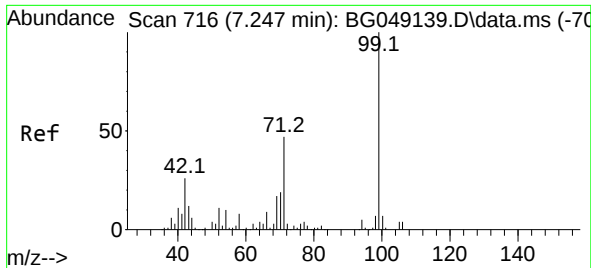
Tgt Ion:152 Resp: 36884
Ion Ratio Lower Upper
152 100
150 148.3 119.4 179.0
115 58.3 60.2 90.4#



#5
2-Fluorophenol
Concen: 70.202 ng
RT: 5.638 min Scan# 442
Delta R.T. 0.003 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

Tgt Ion:112 Resp: 165318
Ion Ratio Lower Upper
112 100
64 72.3 46.7 70.1#
63 42.6 35.3 52.9

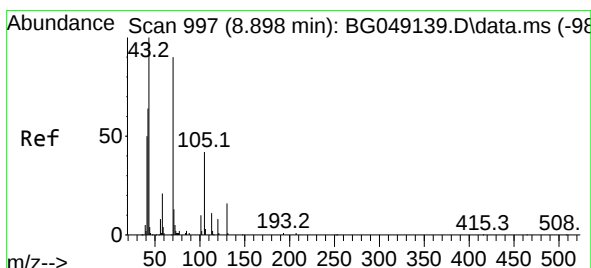
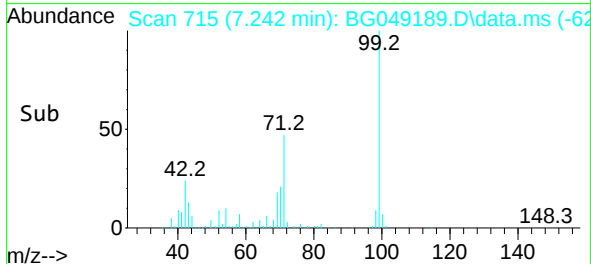
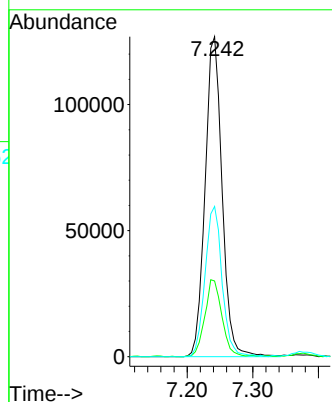
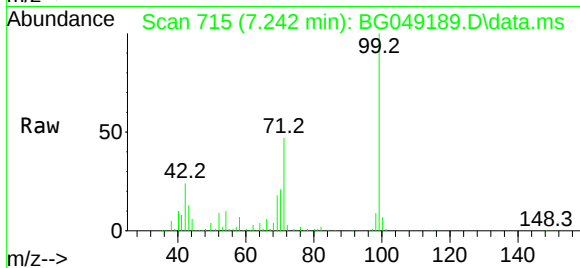




#7
Phenol-d6
Concen: 68.269 ng
RT: 7.242 min Scan# 715
Delta R.T. 0.003 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

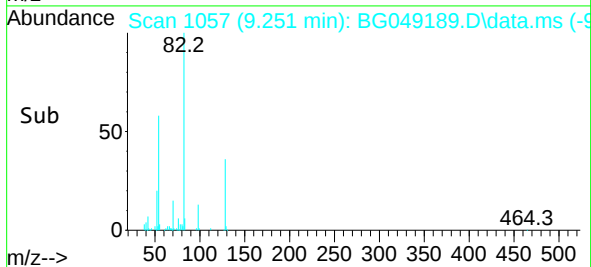
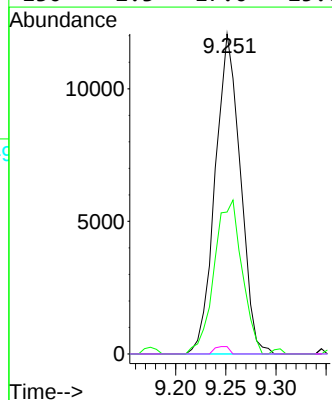
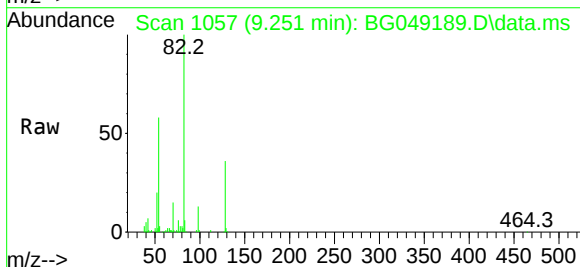
Instrument :
BNA_G
ClientSampleId :
DRUM-1

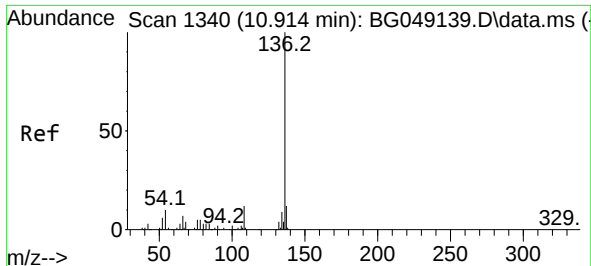
Tgt Ion: 99 Resp: 229207
Ion Ratio Lower Upper
99 100
42 23.7 20.5 30.7
71 46.9 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.727 ng
RT: 9.251 min Scan# 1057
Delta R.T. 0.356 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

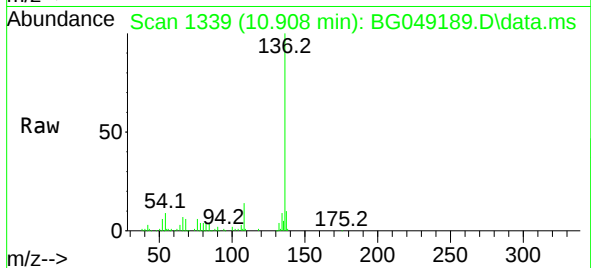
Tgt Ion: 70 Resp: 21058
Ion Ratio Lower Upper
70 100
42 44.4 54.5 81.7#
101 0.0 9.0 13.6#
130 2.3 17.0 25.6#



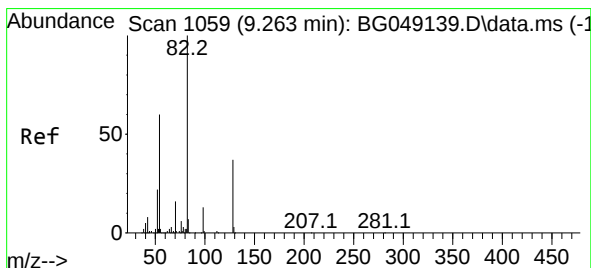
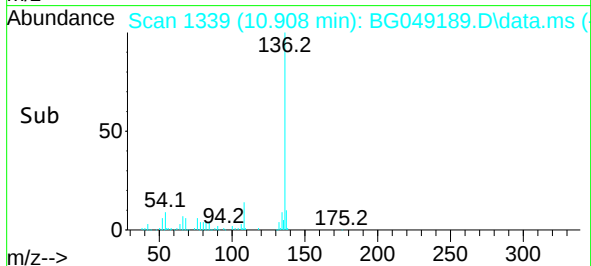
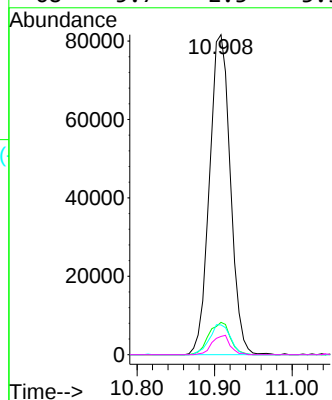


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 1339
Delta R.T. 0.003 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

Instrument :
BNA_G
ClientSampleId :
DRUM-1

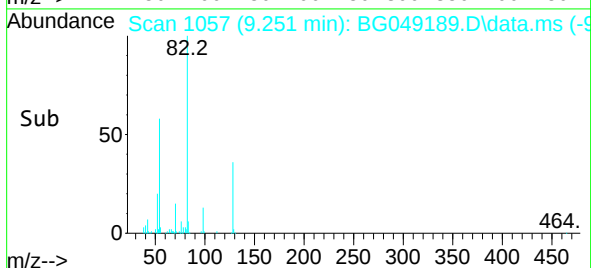
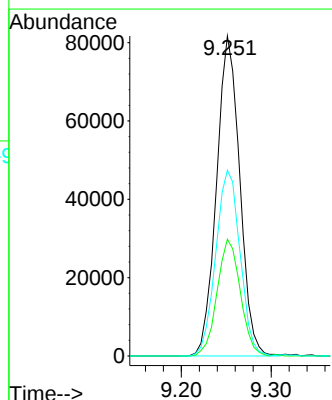
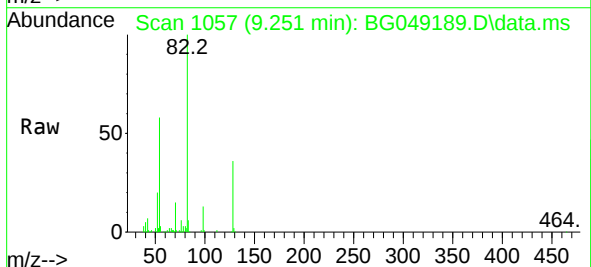


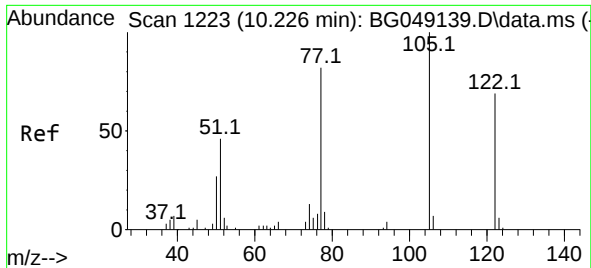
Tgt Ion:136 Resp: 152589
Ion Ratio Lower Upper
136 100
137 10.1 8.2 12.2
54 9.3 5.5 8.3#
68 5.7 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 40.779 ng
RT: 9.251 min Scan# 1057
Delta R.T. -0.003 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

Tgt Ion: 82 Resp: 146764
Ion Ratio Lower Upper
82 100
128 36.5 29.8 44.6
54 58.1 45.8 68.8

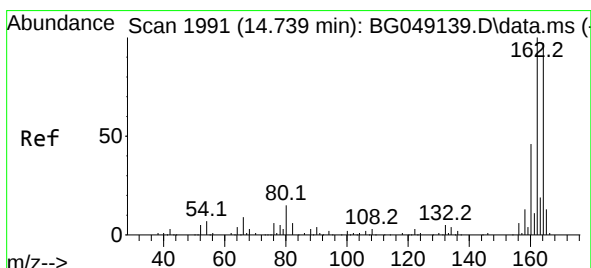
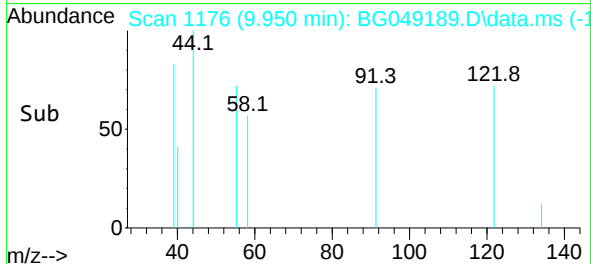
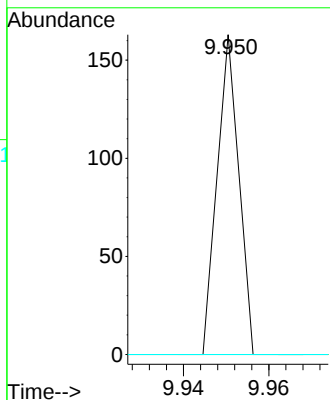
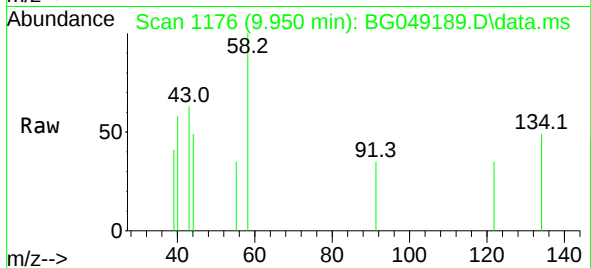




#32
Benzoic acid
Concen: 6.302 ng
RT: 9.950 min Scan# 1176
Delta R.T. -0.273 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

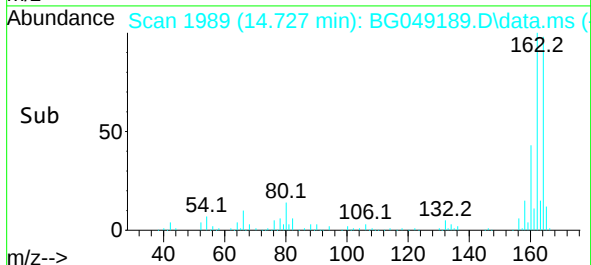
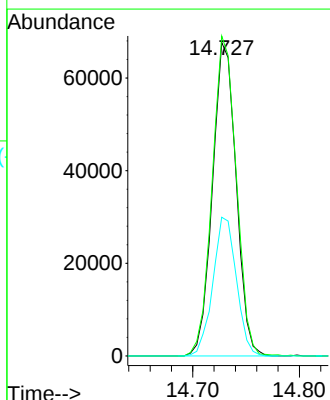
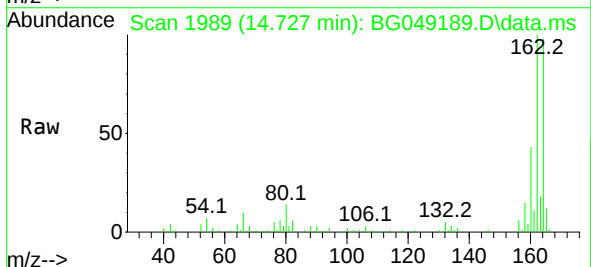
Instrument :
BNA_G
ClientSampleId :
DRUM-1

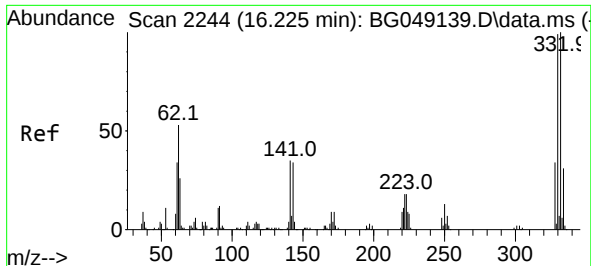
Tgt Ion:122 Resp: 57
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.727 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

Tgt Ion:164 Resp: 103893
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 44.2 34.9 52.3

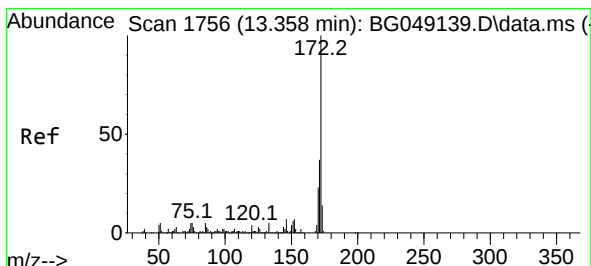
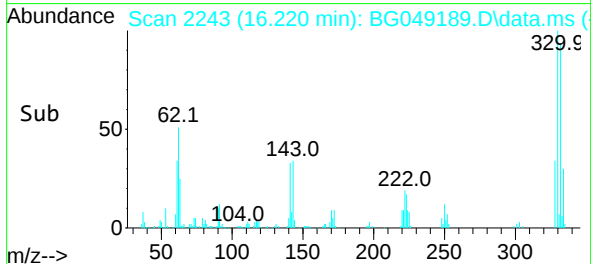
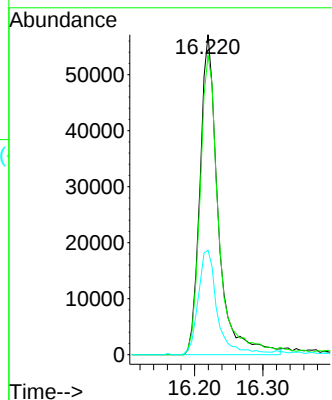
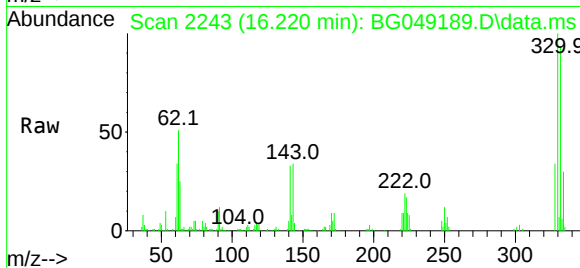




#42
2,4,6-Tribromophenol
Concen: 58.719 ng
RT: 16.220 min Scan# 2243
Delta R.T. 0.003 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

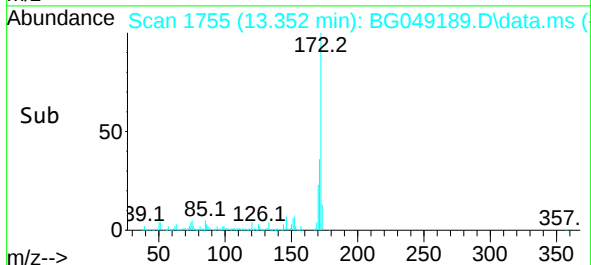
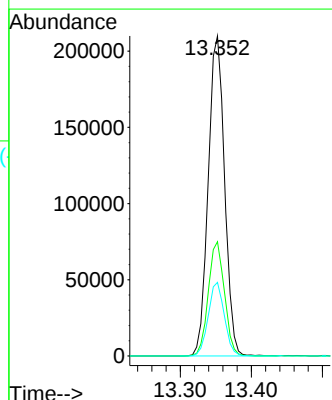
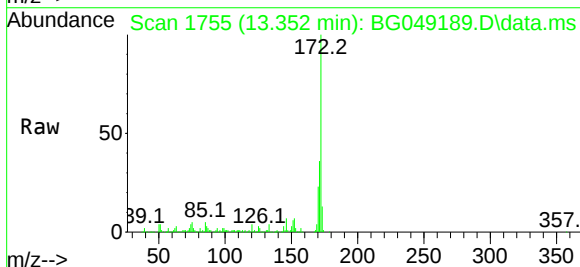
Instrument :
BNA_G
ClientSampleId :
DRUM-1

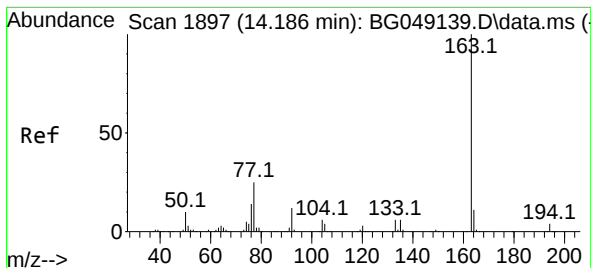
Tgt Ion:330 Resp: 105755
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 34.2 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 43.696 ng
RT: 13.352 min Scan# 1755
Delta R.T. 0.003 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

Tgt Ion:172 Resp: 336485
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.0 18.6 27.8

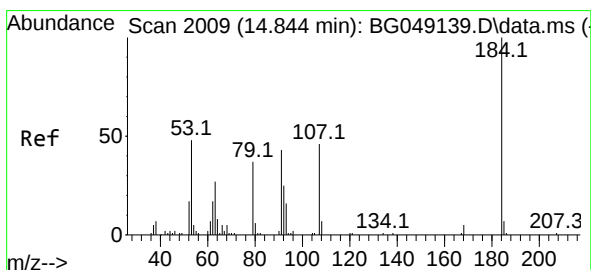
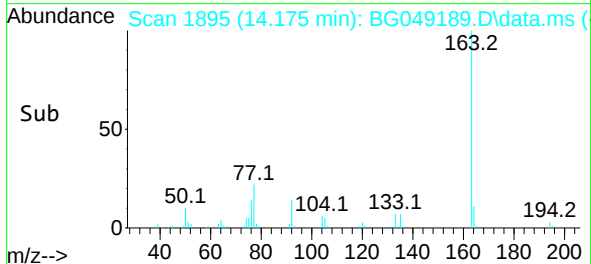
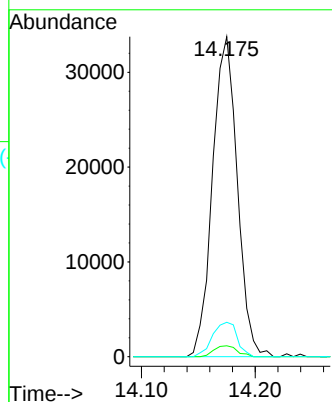
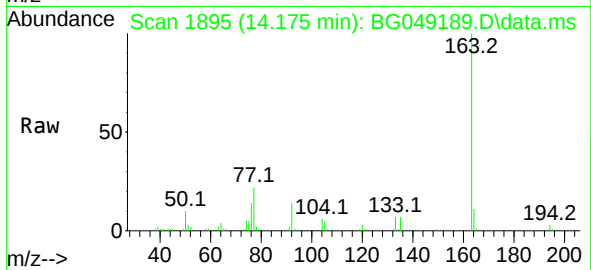




#50
Dimethylphthalate
Concen: 6.120 ng
RT: 14.175 min Scan# 1895
Delta R.T. -0.003 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

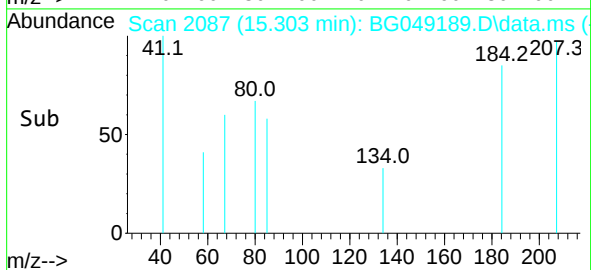
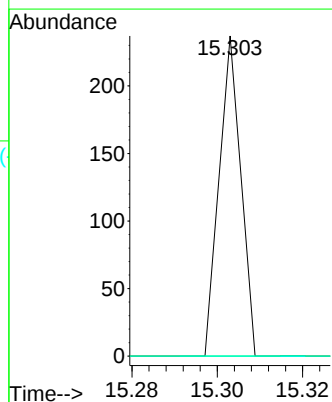
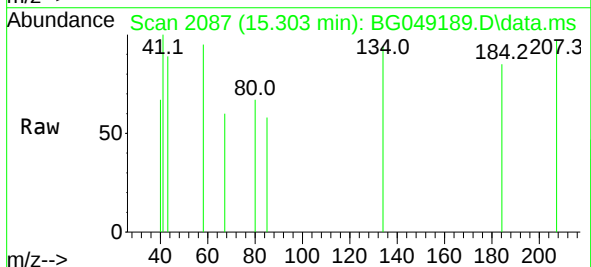
Instrument :
BNA_G
ClientSampleId :
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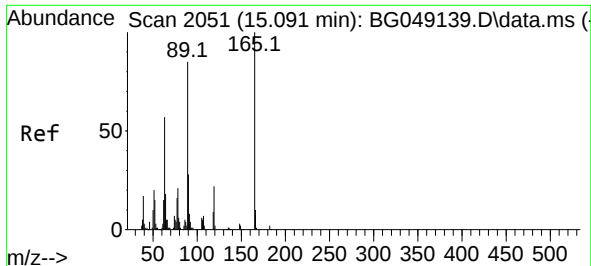
Tgt Ion:163 Resp: 51032
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 10.7 8.6 12.8



#54
2,4-Dinitrophenol
Concen: 5.224 ng
RT: 15.303 min Scan# 2087
Delta R.T. 0.467 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

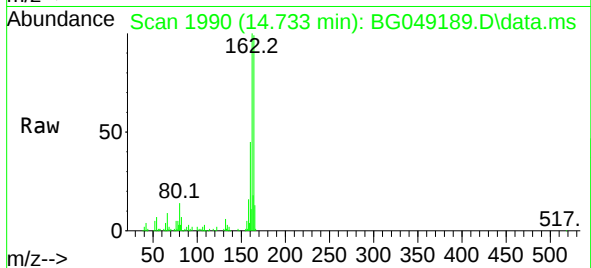
Tgt Ion:184 Resp: 84
Ion Ratio Lower Upper
184 100
63 0.0 68.3 102.5#
154 0.0 62.6 93.8#



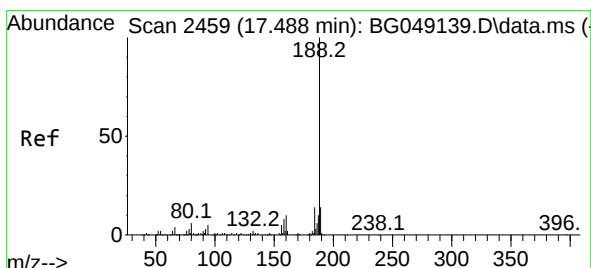
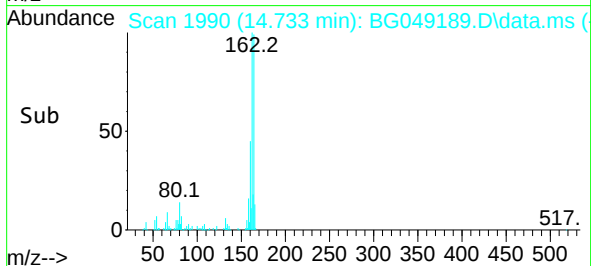
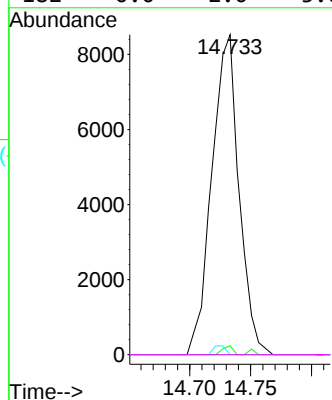


#57
2,4-Dinitrotoluene
Concen: 4.869 ng
RT: 14.733 min Scan# 1990
Delta R.T. -0.349 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

Instrument :
BNA_G
ClientSampleId :
DRUM-1

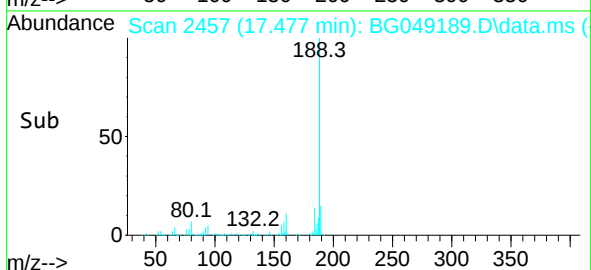
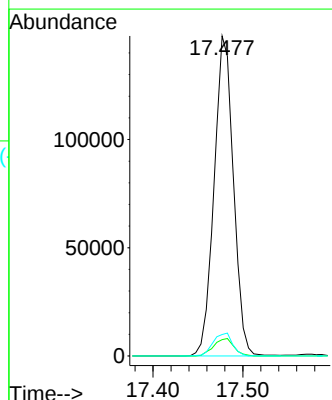
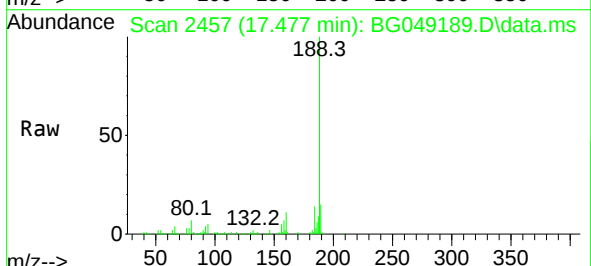


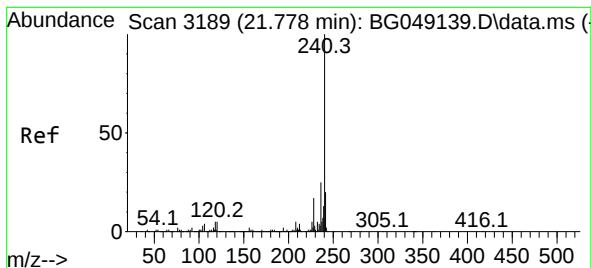
Tgt Ion:165 Resp: 13221
Ion Ratio Lower Upper
165 100
63 2.8 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 2457
Delta R.T. -0.003 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

Tgt Ion:188 Resp: 221208
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.7 3.7 5.5#

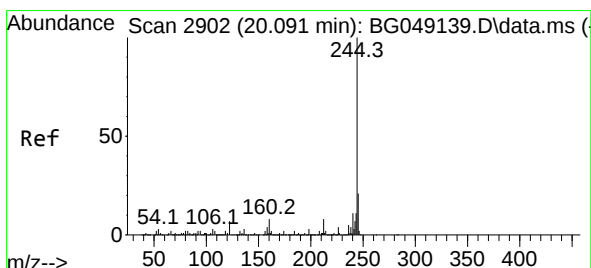
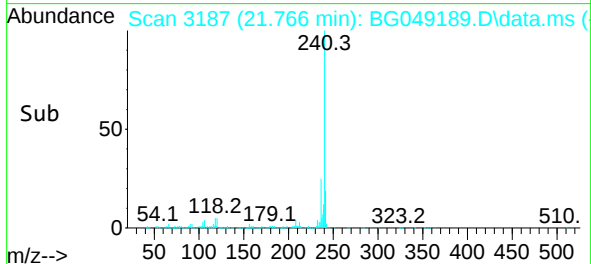
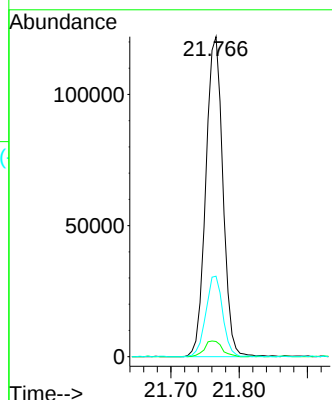
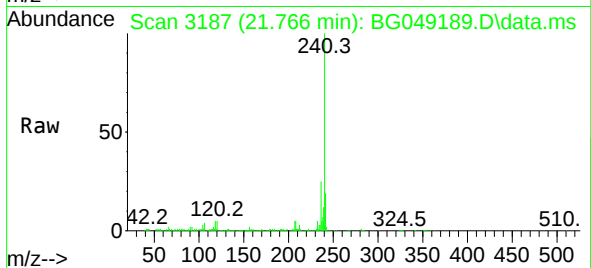




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3187
Delta R.T. 0.003 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

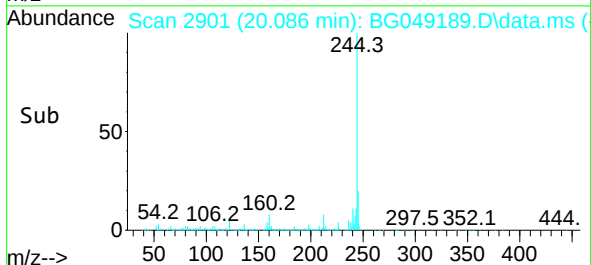
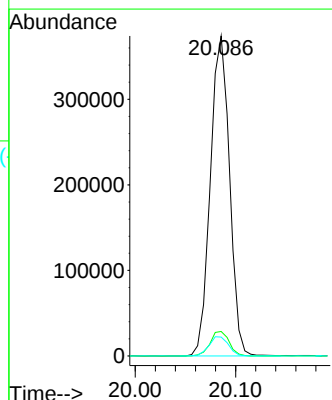
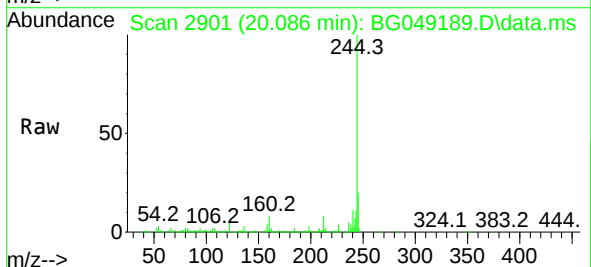
Instrument :
BNA_G
ClientSampleId :
DRUM-1

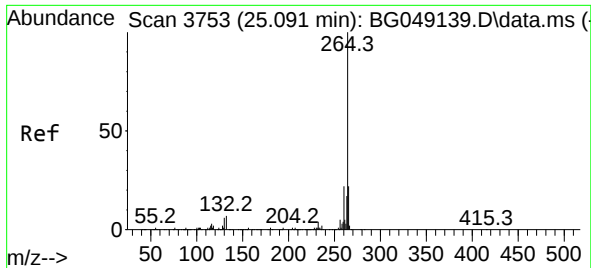
Tgt Ion:240 Resp: 211885
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 25.2 21.8 32.6



#79
Terphenyl-d14
Concen: 39.801 ng
RT: 20.086 min Scan# 2901
Delta R.T. 0.003 min
Lab File: BG049189.D
Acq: 6 Jul 2021 17:31

Tgt Ion:244 Resp: 497677
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 5.9 5.0 7.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.074 min Scan# 3750
 Delta R.T. 0.009 min
 Lab File: BG049189.D
 Acq: 6 Jul 2021 17:31

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-1

Tgt Ion:264 Resp: 222809
 Ion Ratio Lower Upper
 264 100
 260 21.6 19.4 29.2
 265 20.4 16.9 25.3

