

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
 Data File : BG055718.D
 Acq On : 21 Nov 2022 17:01
 Operator : CG/JU
 Sample : PB149038TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149038TB

Quant Time: Nov 22 02:05:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

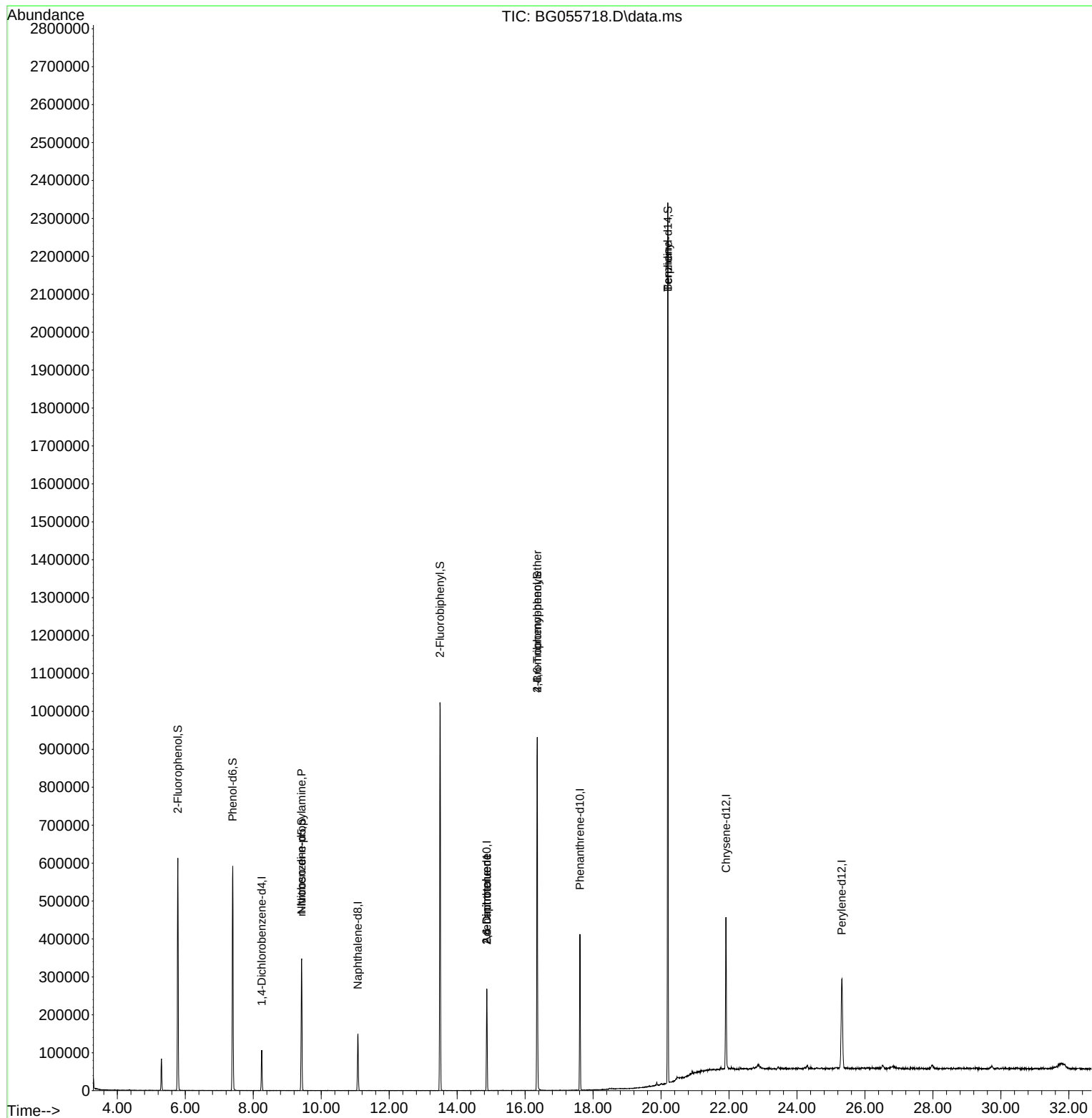
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.248	152	30613	20.000	ng	0.00
21) Naphthalene-d8	11.080	136	129120	20.000	ng	0.00
39) Acenaphthene-d10	14.870	164	100433	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	261517	20.000	ng	0.00
76) Chrysene-d12	21.908	240	255486	20.000	ng	-0.01
86) Perylene-d12	25.316	264	268450	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.780	112	254274	150.134	ng	0.00
7) Phenol-d6	7.396	99	334207	148.239	ng	0.00
23) Nitrobenzene-d5	9.423	82	203967	83.493	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	202233	142.999	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	555053	82.795	ng	0.00
79) Terphenyl-d14	20.199	244	1120936	87.755	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.417	70	27601	15.934	ng	# 77
51) 2,6-Dinitrotoluene	14.870	165	13250	8.094	ng	# 27
57) 2,4-Dinitrotoluene	14.870	165	13250	5.741	ng	# 25
67) 4-Bromophenyl-phenylether	16.356	248	13216	4.435	ng	# 1
77) Benzidine	20.199	184	17216	2.913	ng	# 89

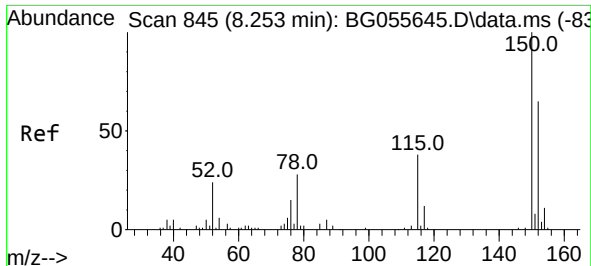
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

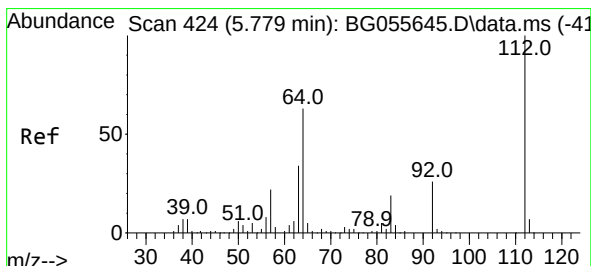
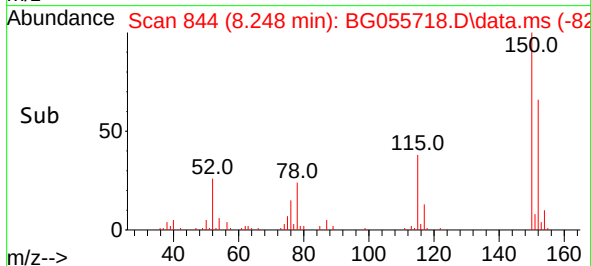
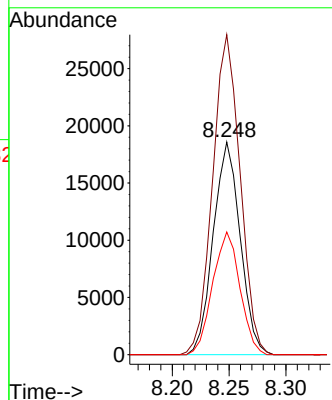
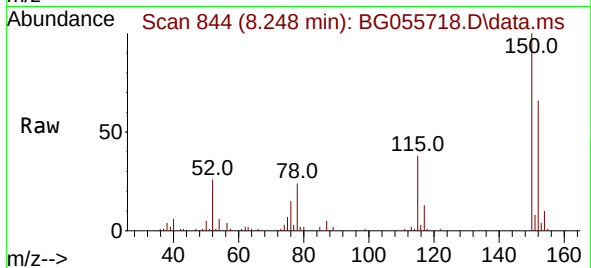




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.248 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

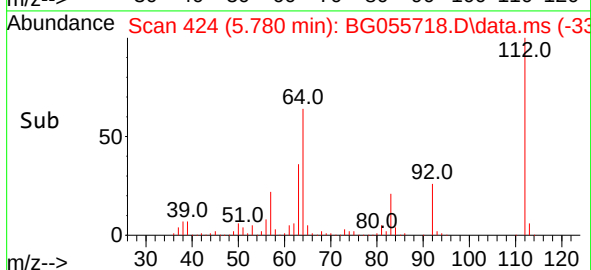
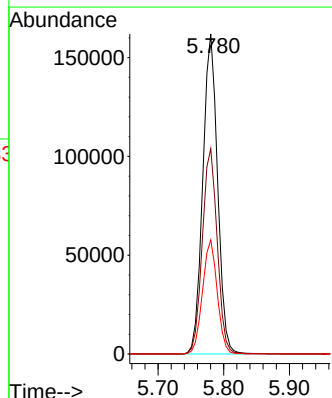
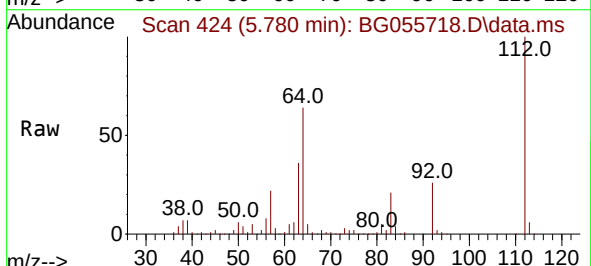
Instrument :
BNA_G
ClientSampleId :
PB149038TB

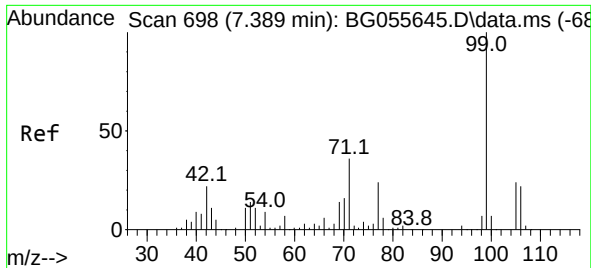
Tgt Ion:152 Resp: 30613
Ion Ratio Lower Upper
152 100
150 150.4 123.0 184.6
115 57.7 47.0 70.4



#5
2-Fluorophenol
Concen: 150.134 ng
RT: 5.780 min Scan# 424
Delta R.T. 0.001 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

Tgt Ion:112 Resp: 254274
Ion Ratio Lower Upper
112 100
64 64.2 50.6 76.0
63 35.6 27.5 41.3

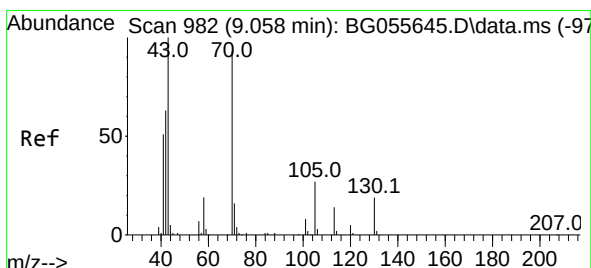
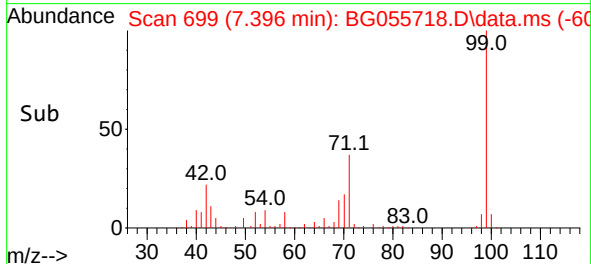
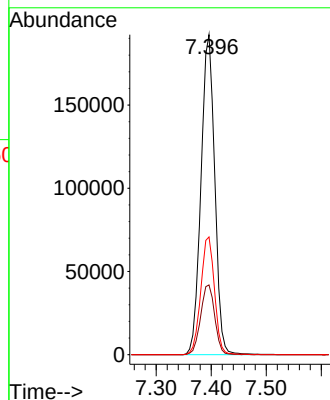
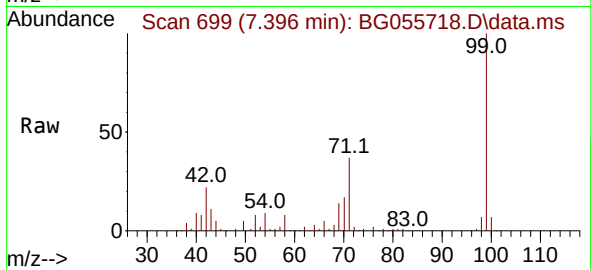




#7
Phenol-d6
Concen: 148.239 ng
RT: 7.396 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

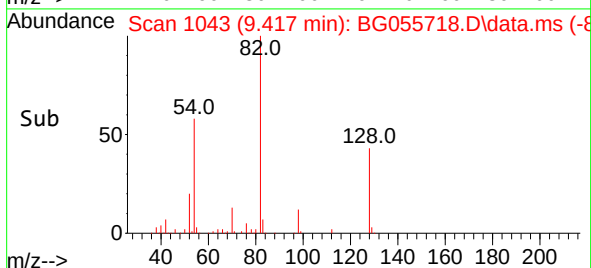
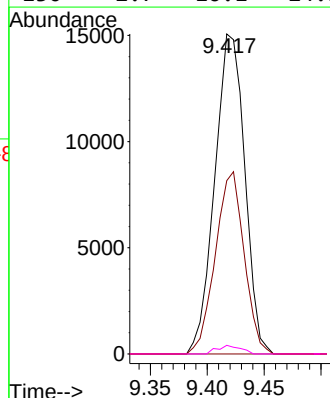
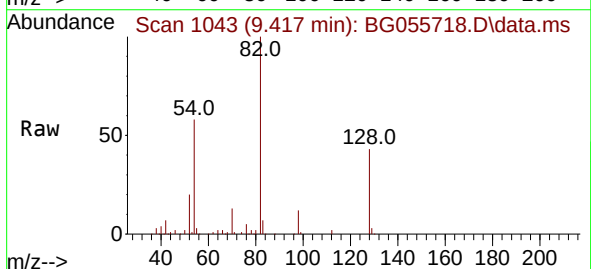
Instrument :
BNA_G
ClientSampleId :
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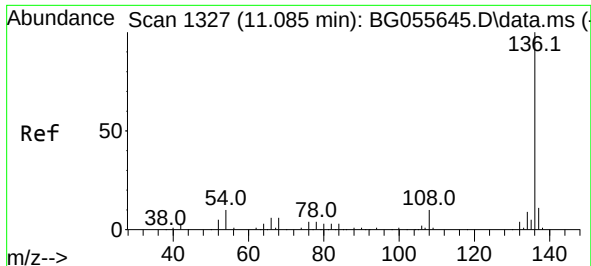
Tgt Ion: 99 Resp: 334207
Ion Ratio Lower Upper
99 100
42 21.8 18.0 27.0
71 36.8 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.934 ng
RT: 9.417 min Scan# 1043
Delta R.T. 0.359 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

Tgt Ion: 70 Resp: 27601
Ion Ratio Lower Upper
70 100
42 54.1 55.2 82.8#
101 0.0 7.1 10.7#
130 2.7 16.1 24.1#

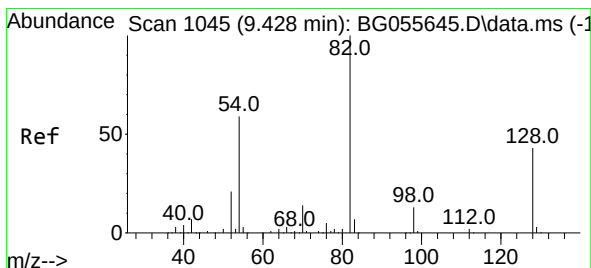
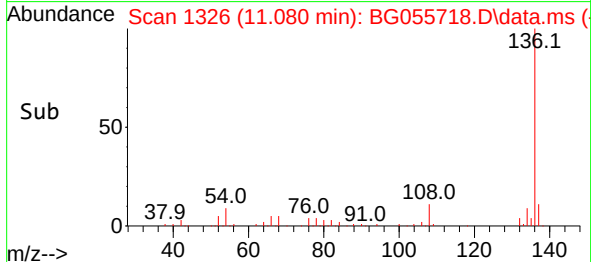
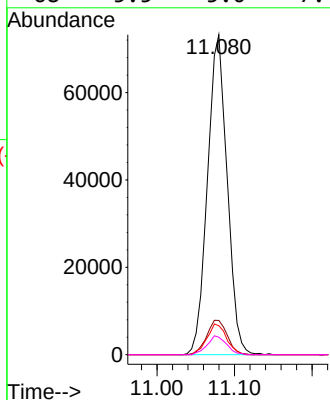
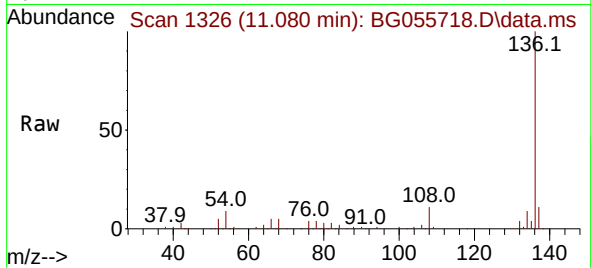




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.080 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

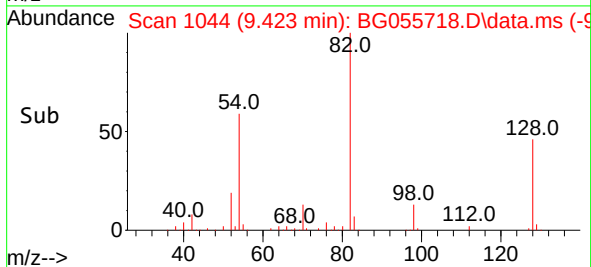
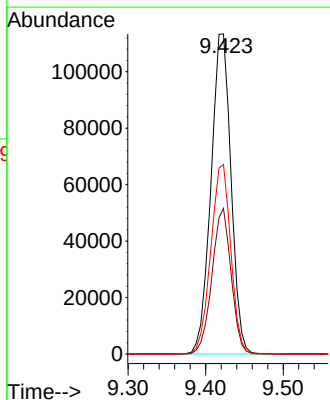
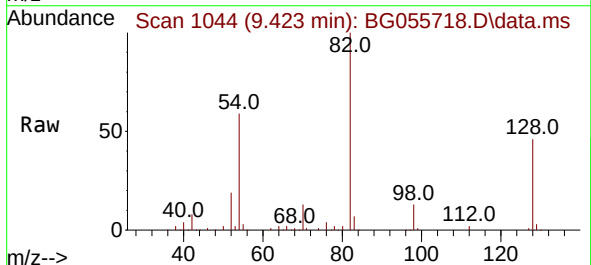
Instrument :
BNA_G
ClientSampleId :
PB149038TB

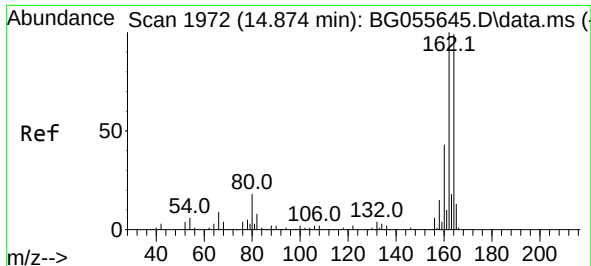
Tgt Ion:	136	Resp:	129120
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.6
54	9.1	7.8	11.6
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 83.493 ng
RT: 9.423 min Scan# 1044
Delta R.T. -0.005 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

Tgt Ion:	82	Resp:	203967
Ion Ratio	Lower	Upper	
82	100		
128	45.5	34.1	51.1
54	59.2	47.3	70.9

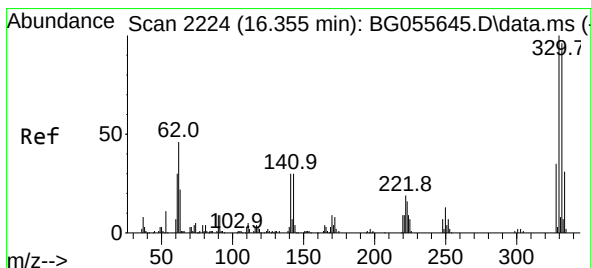
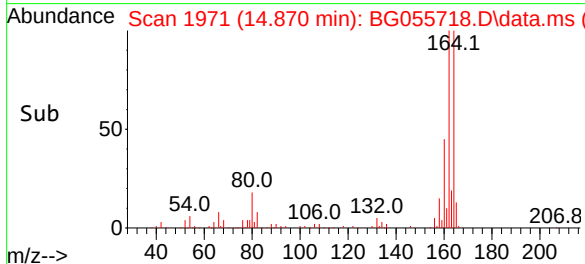
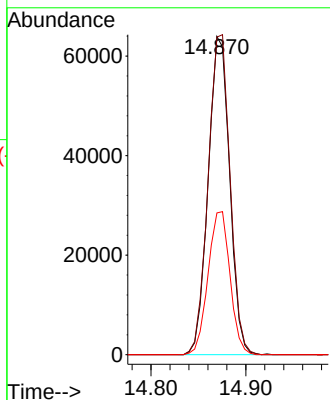
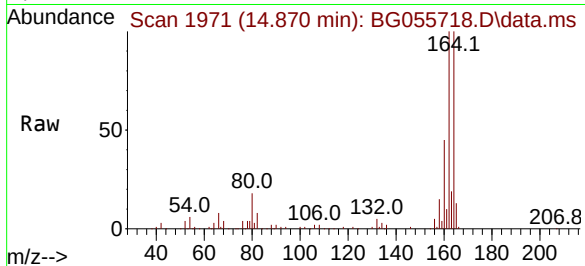




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.870 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

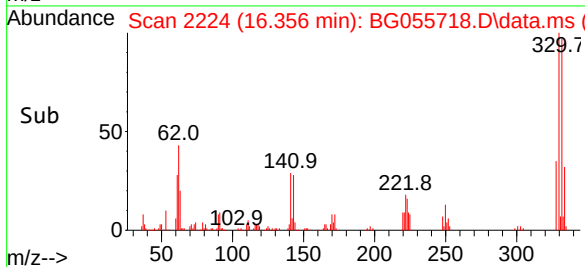
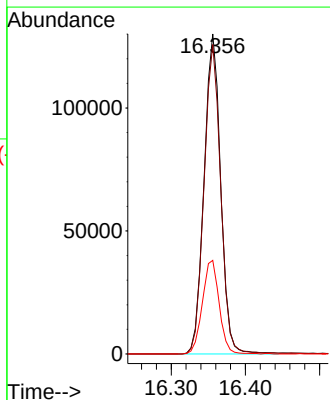
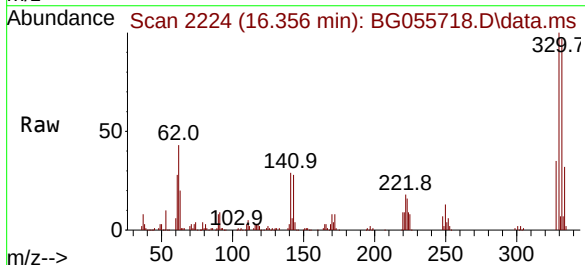
Instrument :
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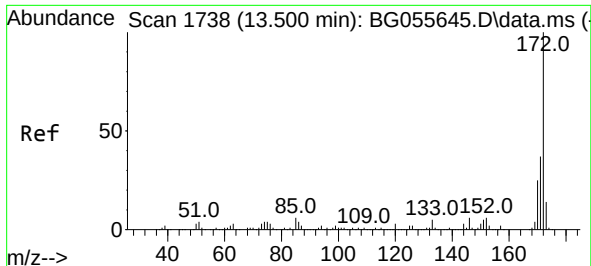
Tgt Ion:164 Resp: 100433
Ion Ratio Lower Upper
164 100
162 99.8 81.1 121.7
160 44.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 142.999 ng
RT: 16.356 min Scan# 2224
Delta R.T. 0.001 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

Tgt Ion:330 Resp: 202233
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 29.6 23.9 35.9

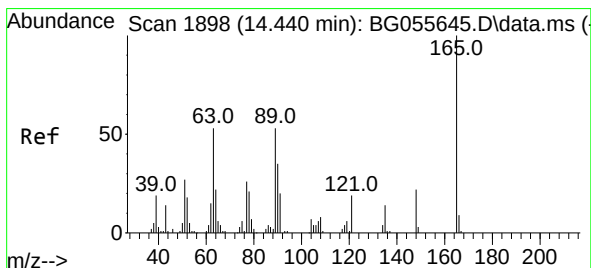
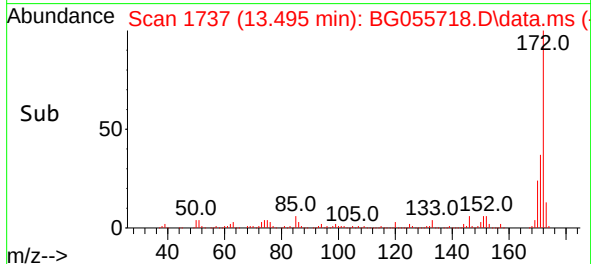
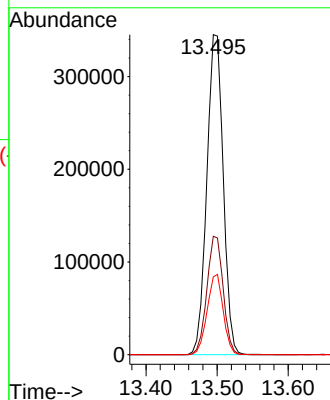
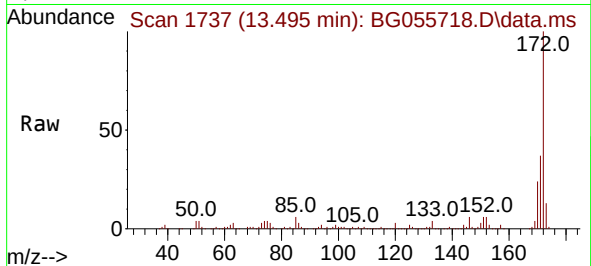




#45
2-Fluorobiphenyl
Concen: 82.795 ng
RT: 13.495 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

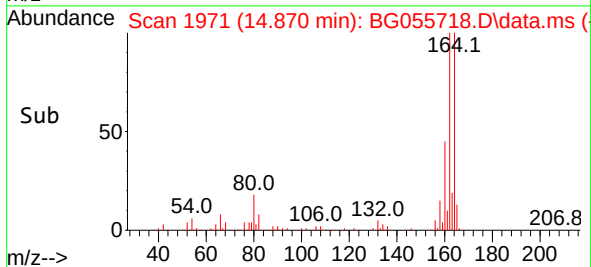
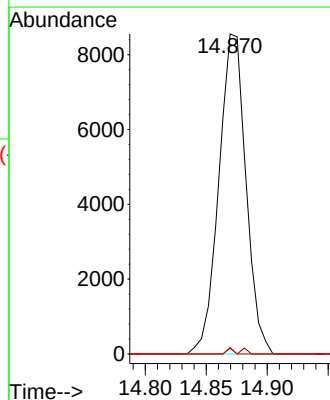
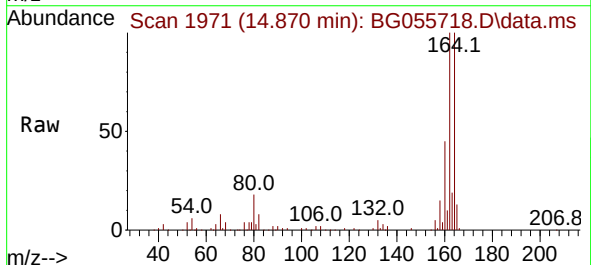
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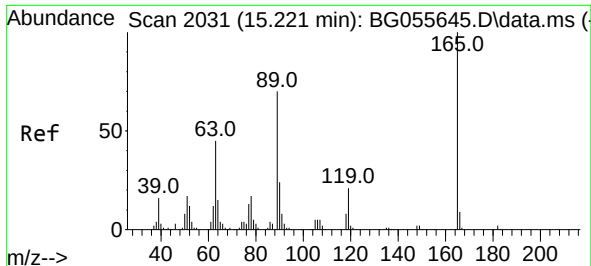
Tgt Ion:172 Resp: 555053
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.3 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.094 ng
RT: 14.870 min Scan# 1971
Delta R.T. 0.430 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

Tgt Ion:165 Resp: 13250
Ion Ratio Lower Upper
165 100
63 1.8 44.6 66.8#
89 2.0 42.2 63.4#

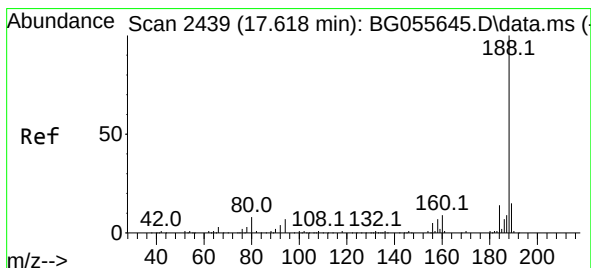
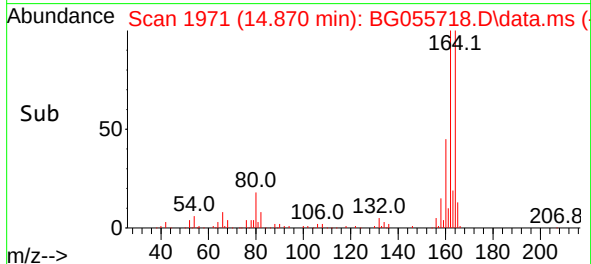
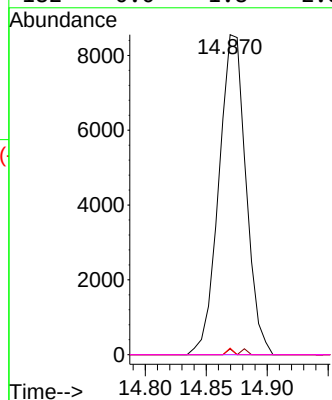
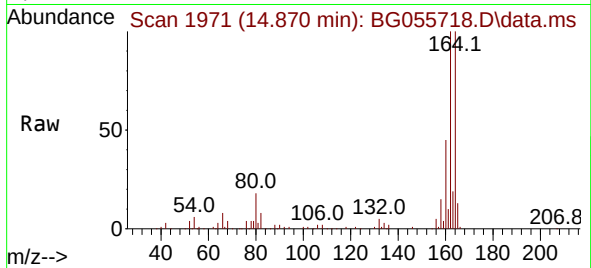




#57
2,4-Dinitrotoluene
Concen: 5.741 ng
RT: 14.870 min Scan# 14
Delta R.T. -0.352 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

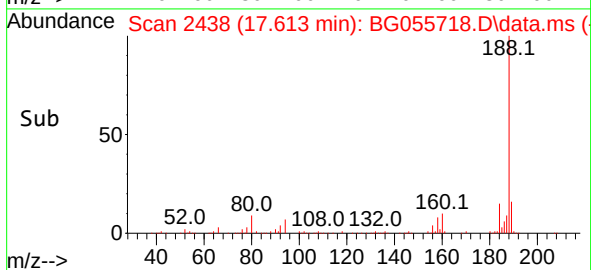
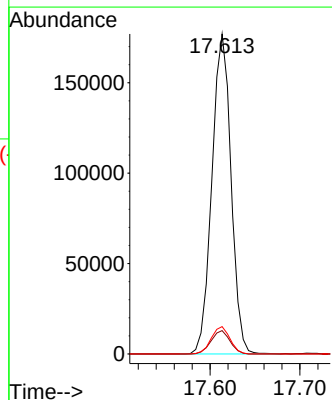
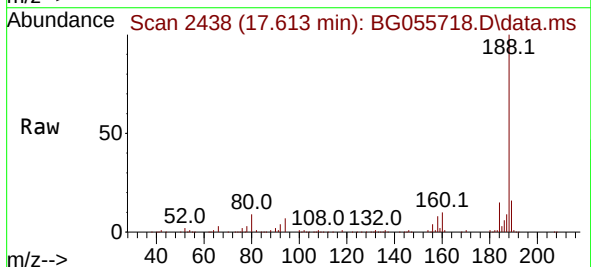
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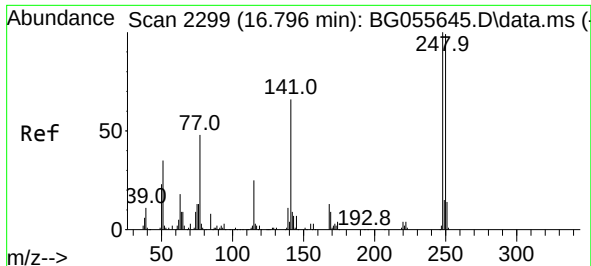
Tgt Ion:165 Resp: 13250
Ion Ratio Lower Upper
165 100
63 1.8 35.8 53.8#
89 2.0 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

Tgt Ion:188 Resp: 261517
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.2
80 8.6 6.6 10.0

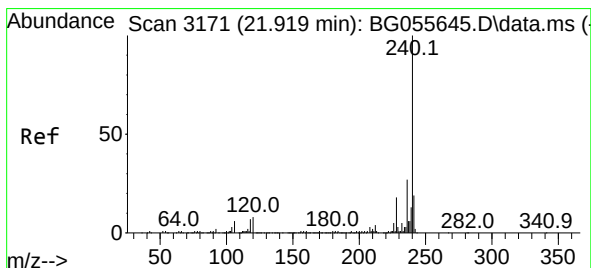
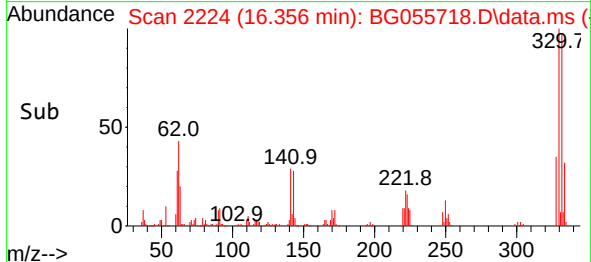
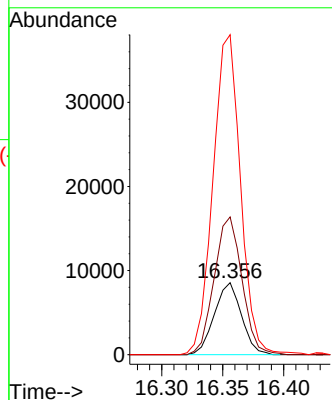
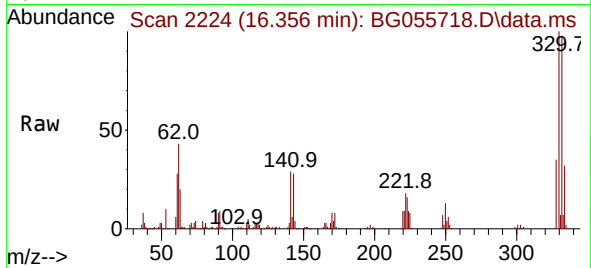




#67
4-Bromophenyl-phenylether
Concen: 4.435 ng
RT: 16.356 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

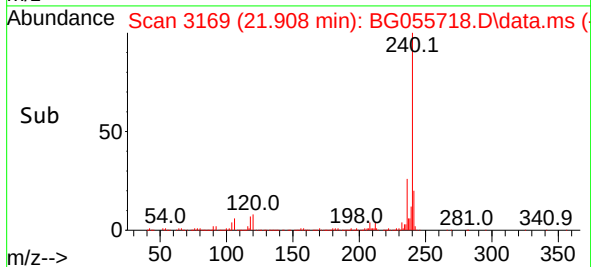
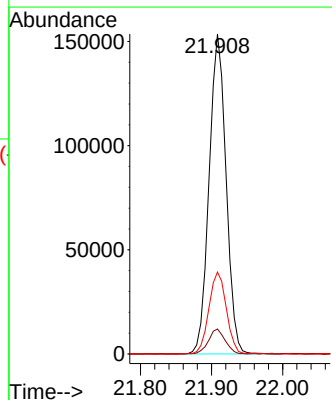
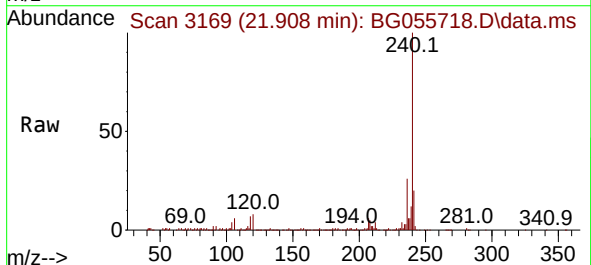
Instrument :
BNA_G
ClientSampleId :
PB149038TB

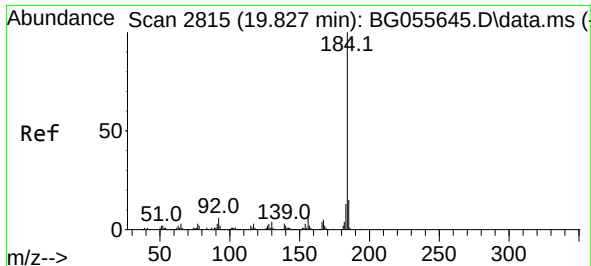
Tgt Ion:248 Resp: 13216
Ion Ratio Lower Upper
248 100
250 191.3 79.0 118.4#
141 444.3 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.908 min Scan# 3169
Delta R.T. -0.011 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

Tgt Ion:240 Resp: 255486
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 25.6 21.9 32.9

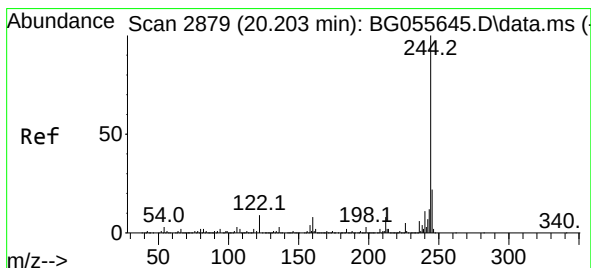
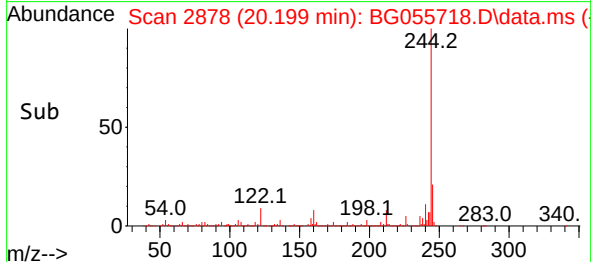
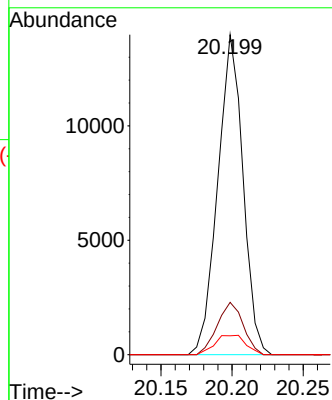
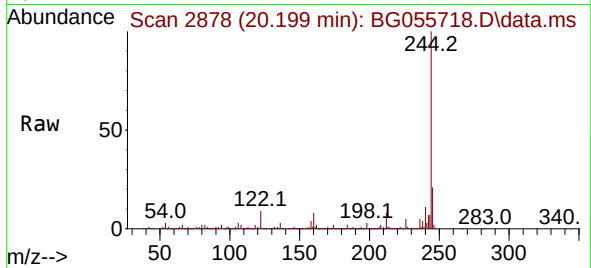




#77
Benzidine
Concen: 2.913 ng
RT: 20.199 min Scan# 2815
Delta R.T. 0.371 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

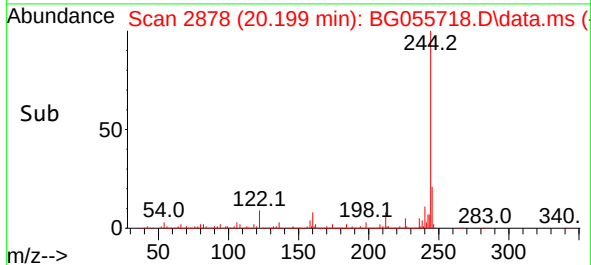
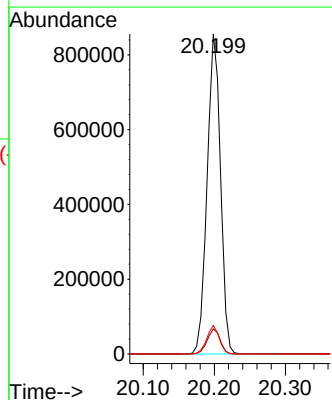
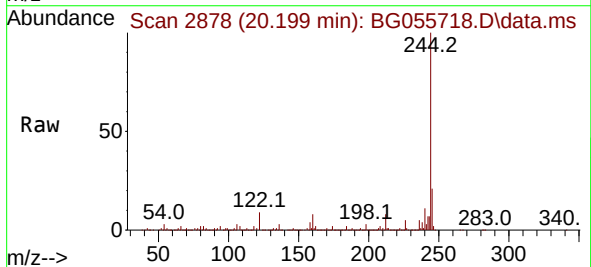
Instrument :
BNA_G
ClientSampleId :
PB149038TB

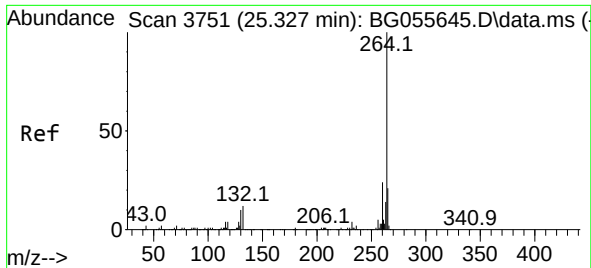
Tgt Ion:184 Resp: 17216
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.8
183 5.9 10.6 15.8#



#79
Terphenyl-d14
Concen: 87.755 ng
RT: 20.199 min Scan# 2878
Delta R.T. -0.005 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

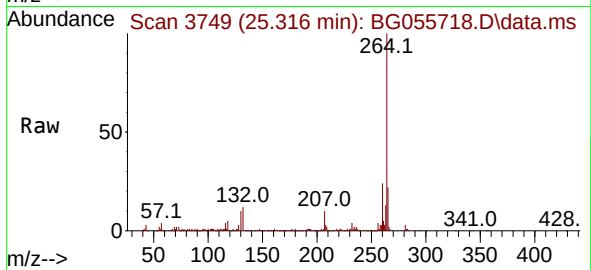
Tgt Ion:244 Resp: 1120936
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.9 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.316 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG055718.D
Acq: 21 Nov 2022 17:01

Instrument :
BNA_G
ClientSampleId :
PB149038TB



Tgt Ion:264 Resp: 268450

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.3	17.1	25.7

