

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092622\
 Data File : BG055027.D
 Acq On : 26 Sep 2022 15:14
 Operator : CG/JU
 Sample : N4742-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-COMP

Quant Time: Sep 27 05:35:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

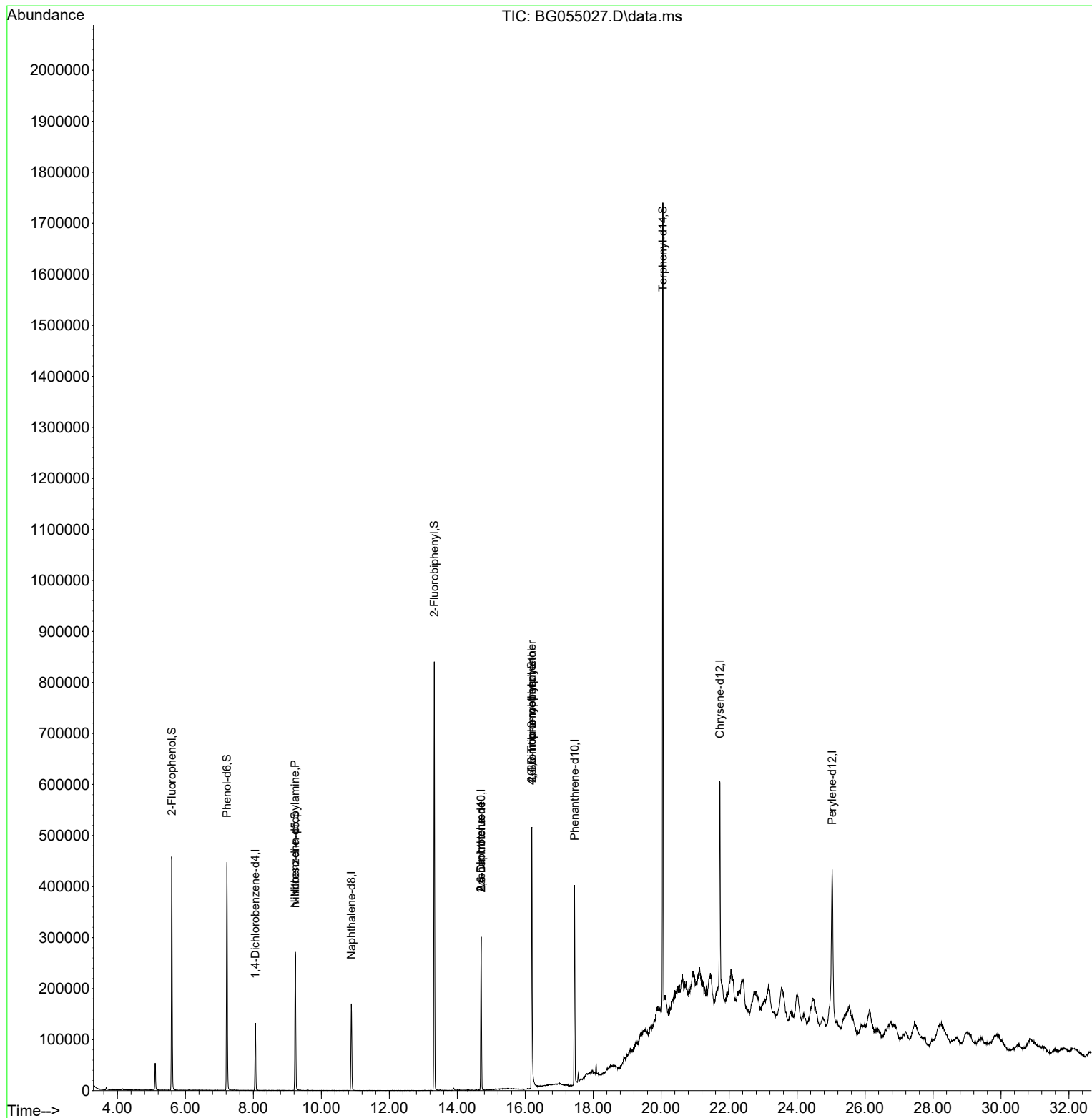
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	41799	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	164142	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	113853	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	269261	20.000	ng	0.00
76) Chrysene-d12	21.730	240	285592	20.000	ng	0.00
86) Perylene-d12	25.032	264	306140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.602	112	236371	110.649	ng	0.00
7) Phenol-d6	7.224	99	312292	109.066	ng	0.00
23) Nitrobenzene-d5	9.233	82	181051	63.933	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	135688	101.732	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	475748	65.854	ng	0.00
79) Terphenyl-d14	20.050	244	816690	59.818	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.233	70	21715	11.018	ng	# 73
51) 2,6-Dinitrotoluene	14.703	165	14887	8.122	ng	# 20
57) 2,4-Dinitrotoluene	14.703	165	14887	5.710	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.190	198	144	5.083	ng	# 1
67) 4-Bromophenyl-phenylether	16.195	248	8366	2.817	ng	# 1

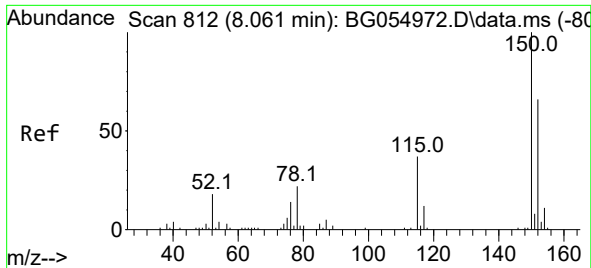
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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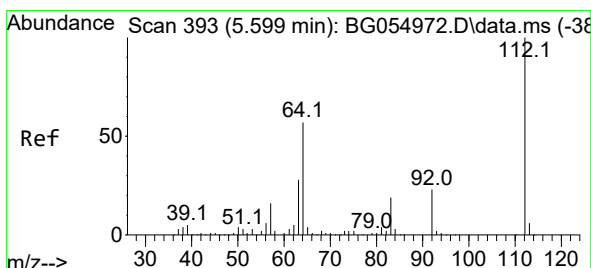
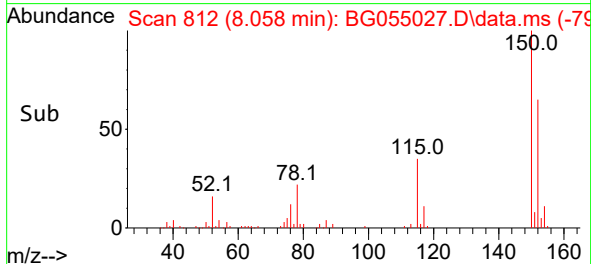
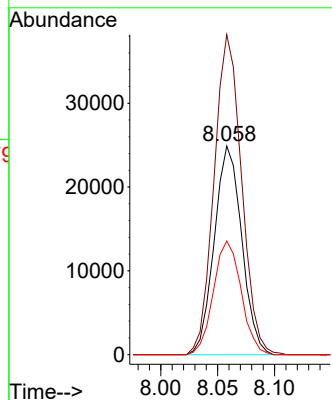
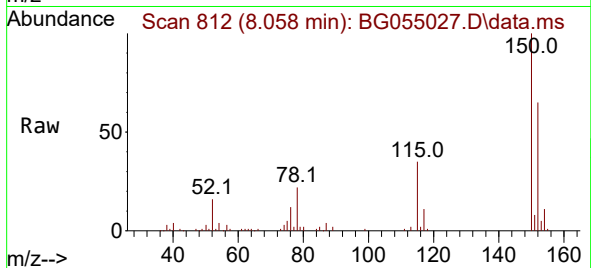




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG055027.D
Acq: 26 Sep 2022 15:14

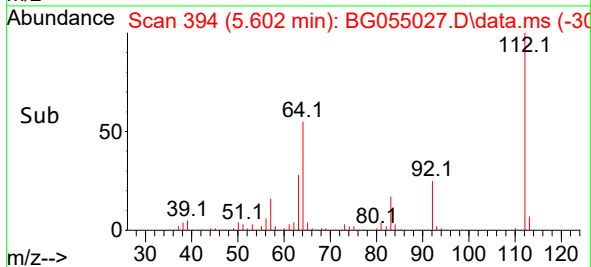
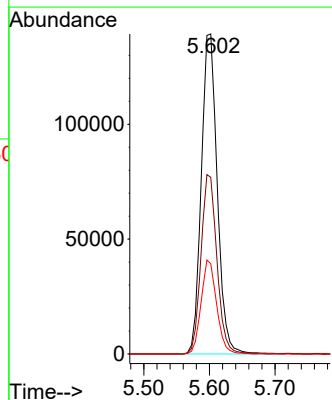
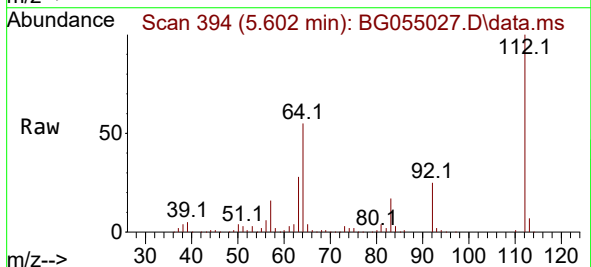
Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

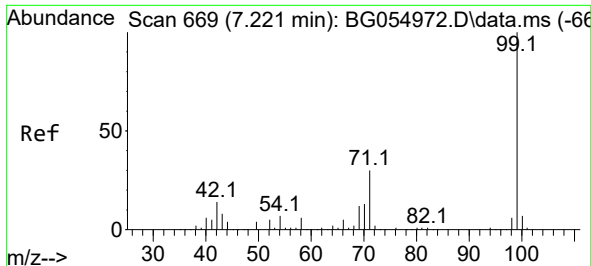
Tgt Ion:152 Resp: 41799
Ion Ratio Lower Upper
152 100
150 153.4 125.2 187.8
115 54.4 47.9 71.9



#5
2-Fluorophenol
Concen: 110.649 ng
RT: 5.602 min Scan# 394
Delta R.T. 0.003 min
Lab File: BG055027.D
Acq: 26 Sep 2022 15:14

Tgt Ion:112 Resp: 236371
Ion Ratio Lower Upper
112 100
64 55.2 49.3 73.9
63 28.2 26.3 39.5

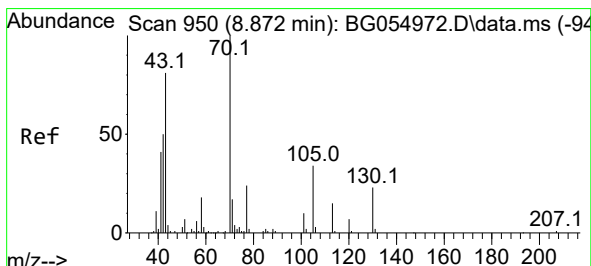
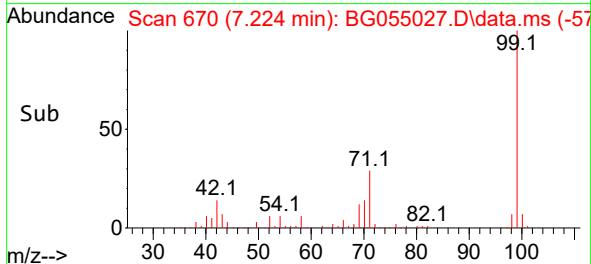
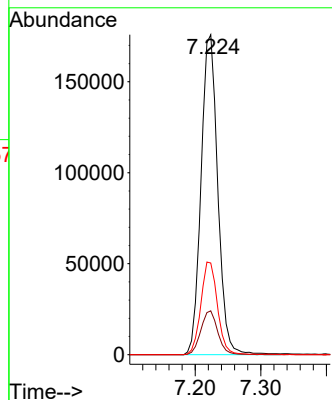
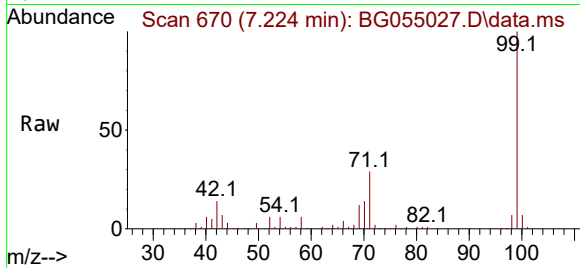




#7
Phenol-d6
Concen: 109.066 ng
RT: 7.224 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG055027.D
Acq: 26 Sep 2022 15:14

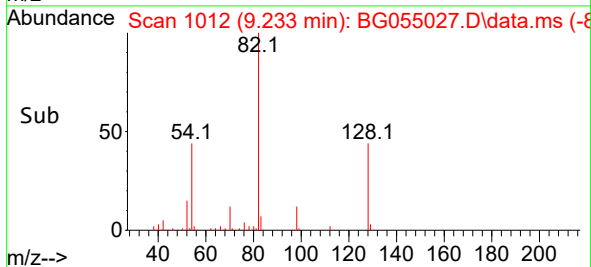
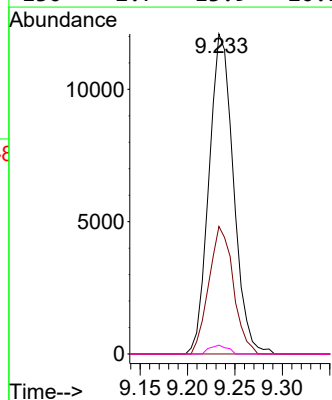
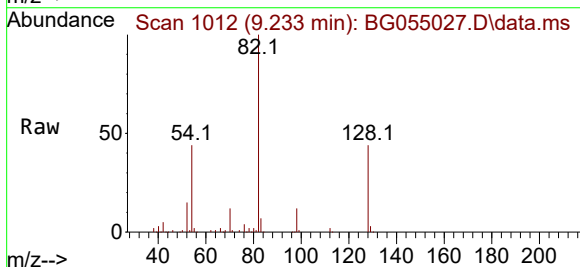
Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

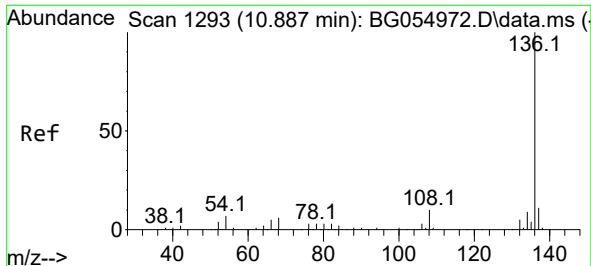
Tgt Ion: 99 Resp: 312292
Ion Ratio Lower Upper
99 100
42 13.7 14.6 22.0#
71 28.6 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.018 ng
RT: 9.233 min Scan# 1012
Delta R.T. 0.361 min
Lab File: BG055027.D
Acq: 26 Sep 2022 15:14

Tgt Ion: 70 Resp: 21715
Ion Ratio Lower Upper
70 100
42 39.8 46.6 69.8#
101 0.0 7.7 11.5#
130 2.7 13.9 20.9#

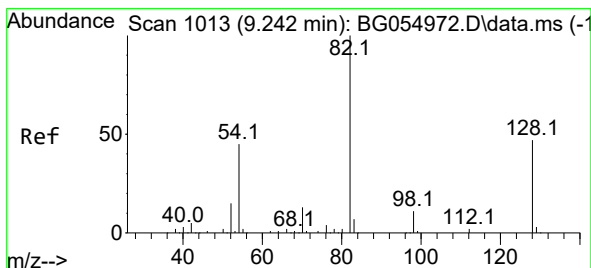
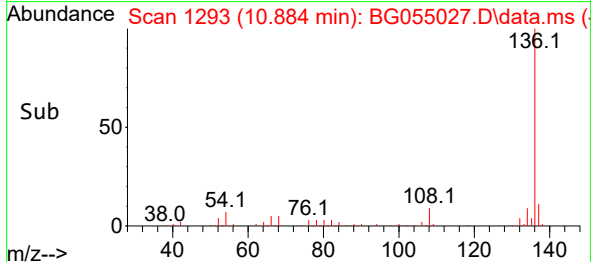
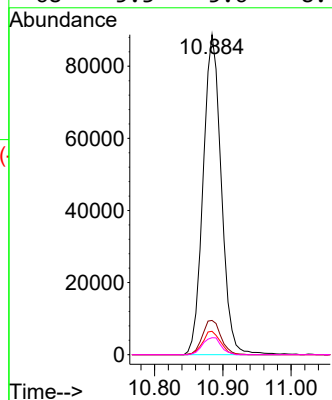
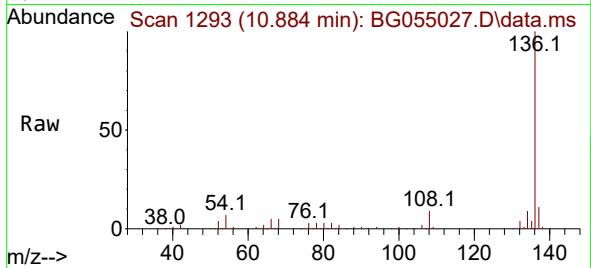




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1012
Delta R.T. -0.003 min
Lab File: BG055027.D
Acq: 26 Sep 2022 15:14

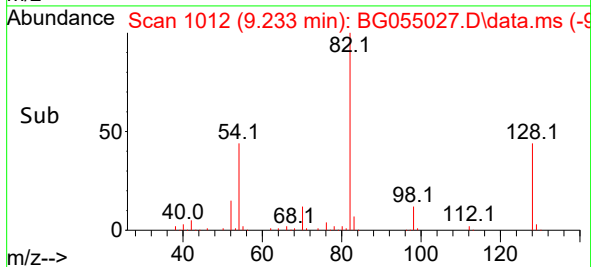
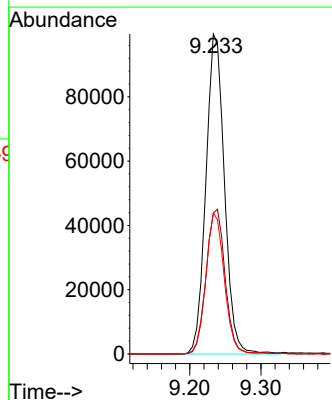
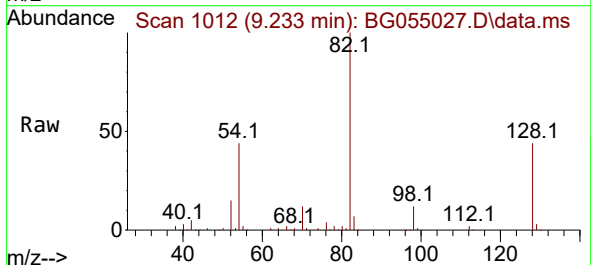
Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

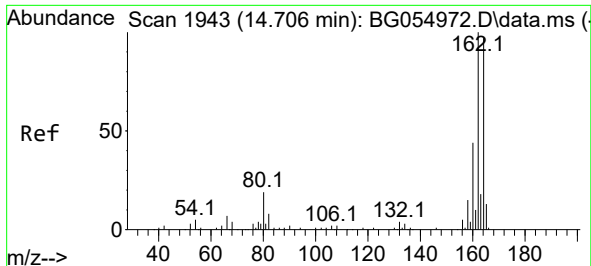
Tgt Ion:136 Resp: 164142
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.3 7.7 11.5#
68 5.3 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 63.933 ng
RT: 9.233 min Scan# 1012
Delta R.T. -0.009 min
Lab File: BG055027.D
Acq: 26 Sep 2022 15:14

Tgt Ion: 82 Resp: 181051
Ion Ratio Lower Upper
82 100
128 44.0 32.2 48.2
54 44.1 41.4 62.0

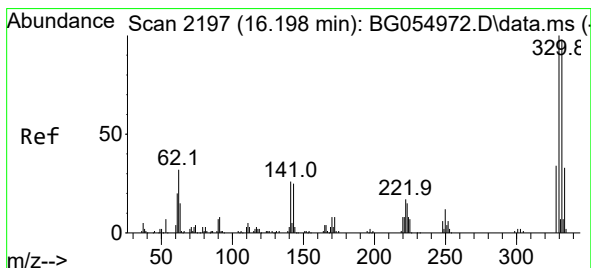
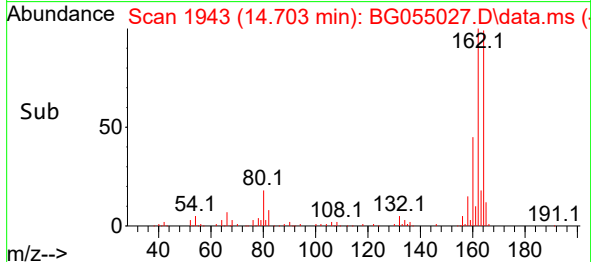
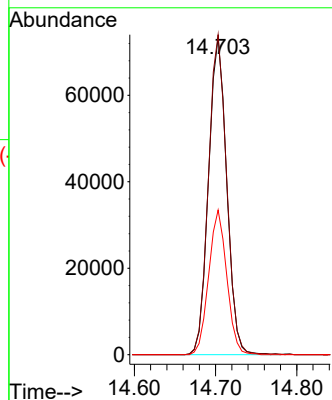
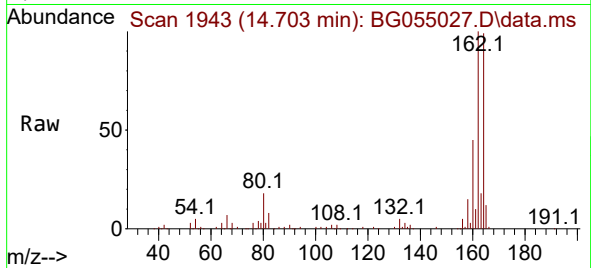




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1943
Delta R.T. -0.003 min
Lab File: BG055027.D
Acq: 26 Sep 2022 15:14

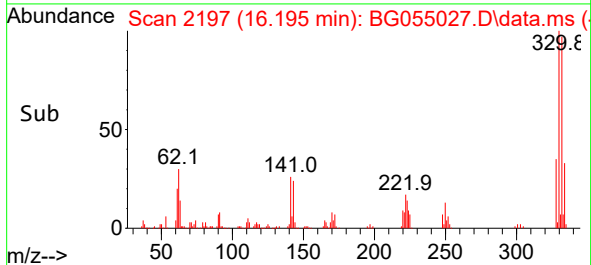
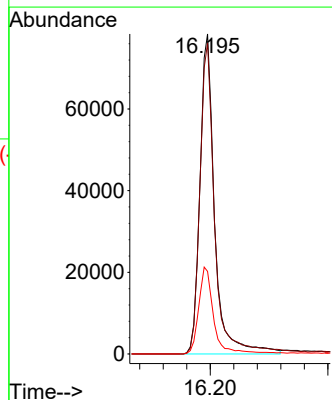
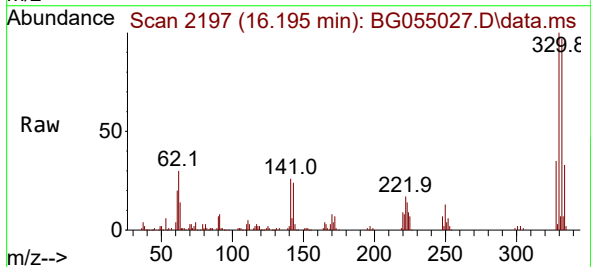
Instrument :
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ClientSampleId :
SB-06-COMP

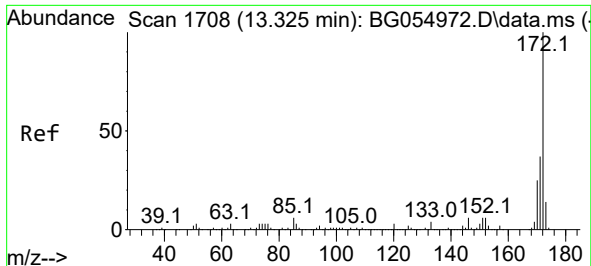
Tgt Ion:164 Resp: 113853
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.4
160 45.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 101.732 ng
RT: 16.195 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG055027.D
Acq: 26 Sep 2022 15:14

Tgt Ion:330 Resp: 135688
Ion Ratio Lower Upper
330 100
332 99.0 79.8 119.6
141 27.9 26.8 40.2

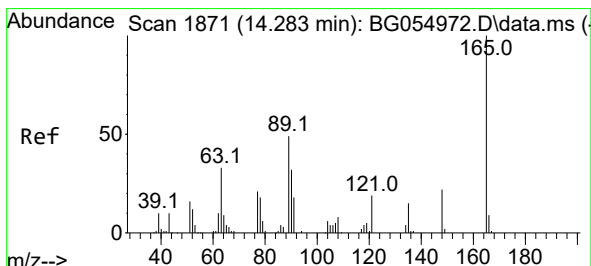
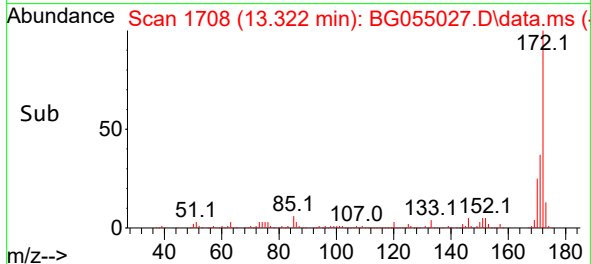
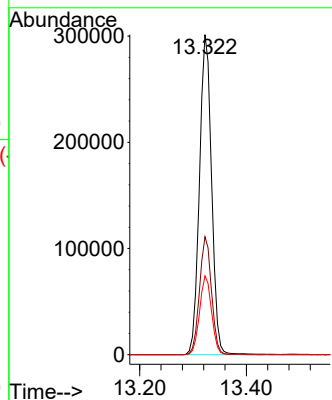
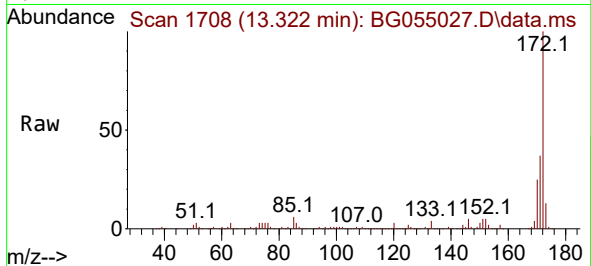




#45
2-Fluorobiphenyl
Concen: 65.854 ng
RT: 13.322 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055027.D
Acq: 26 Sep 2022 15:14

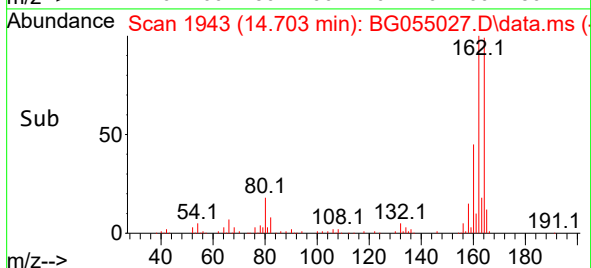
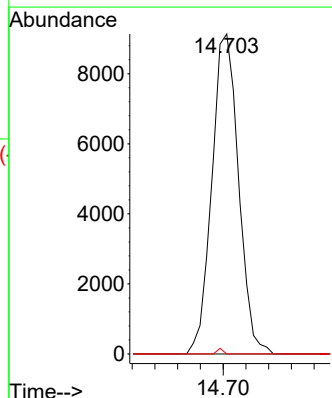
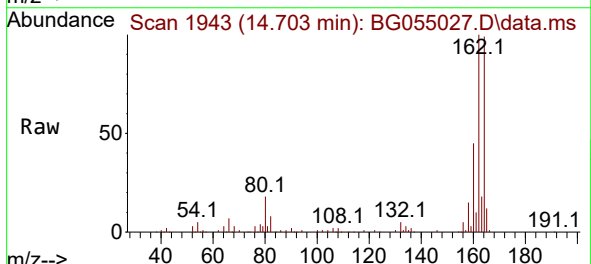
Instrument :
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ClientSampleId :
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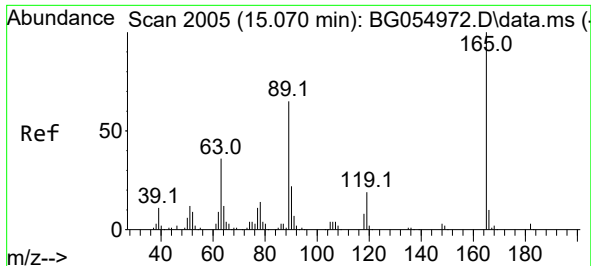
Tgt Ion:172 Resp: 475748
Ion Ratio Lower Upper
172 100
171 36.9 31.2 46.8
170 24.6 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.122 ng
RT: 14.703 min Scan# 1943
Delta R.T. 0.420 min
Lab File: BG055027.D
Acq: 26 Sep 2022 15:14

Tgt Ion:165 Resp: 14887
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.710 ng

RT: 14.703 min Scan# 1943

Delta R.T. -0.367 min

Lab File: BG055027.D

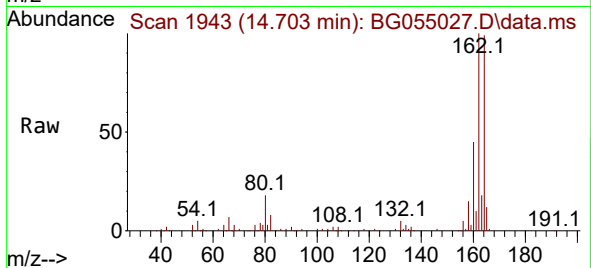
Acq: 26 Sep 2022 15:14

Instrument :

BNA_G

ClientSampleId :

SB-06-COMP



Tgt Ion:165 Resp: 14887

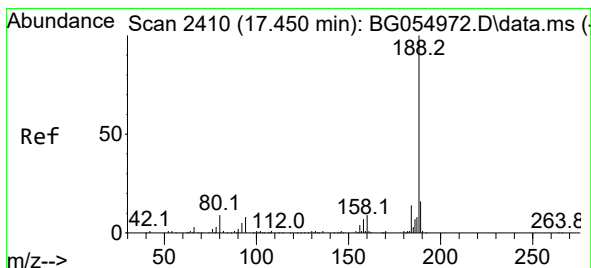
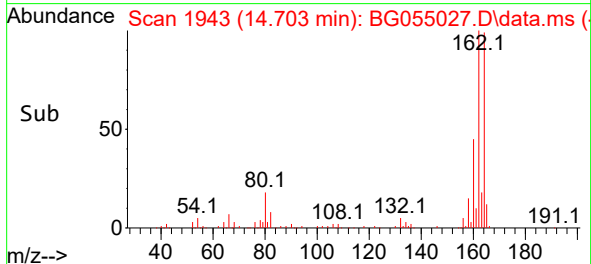
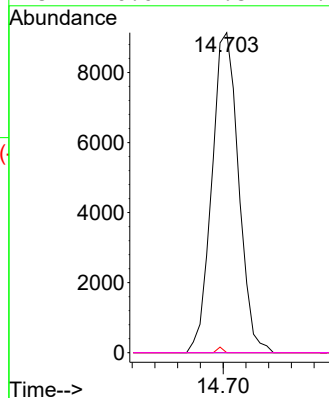
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.453 min Scan# 2411

Delta R.T. 0.003 min

Lab File: BG055027.D

Acq: 26 Sep 2022 15:14

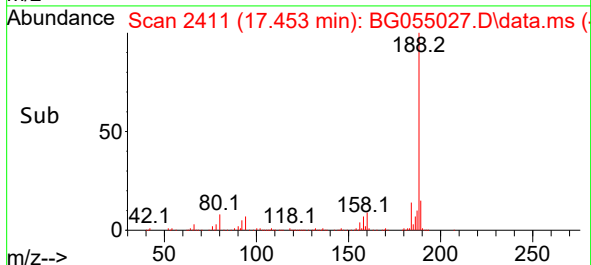
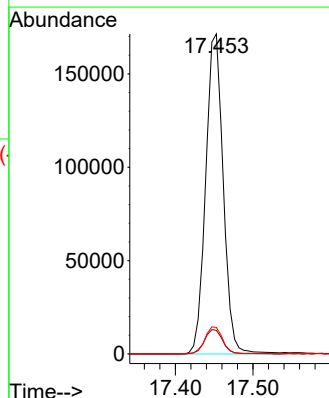
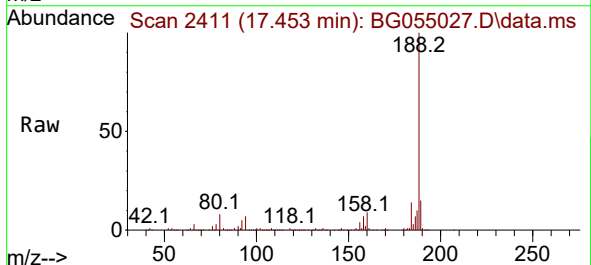
Tgt Ion:188 Resp: 269261

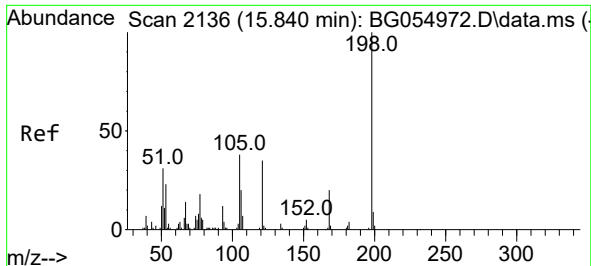
Ion Ratio Lower Upper

188 100

94 7.4 7.0 10.4

80 8.3 7.9 11.9

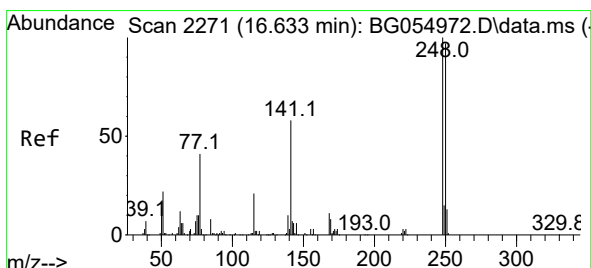
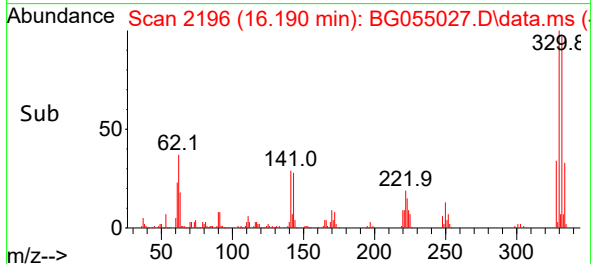
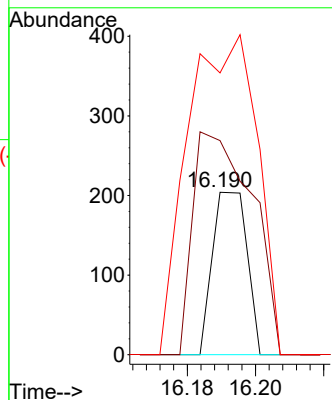
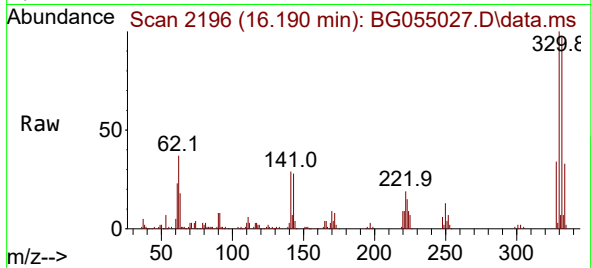




#65
4,6-Dinitro-2-methylphenol
Concen: 5.083 ng
RT: 16.190 min Scan# 2136
Delta R.T. 0.350 min
Lab File: BG055027.D
Acq: 26 Sep 2022 15:14

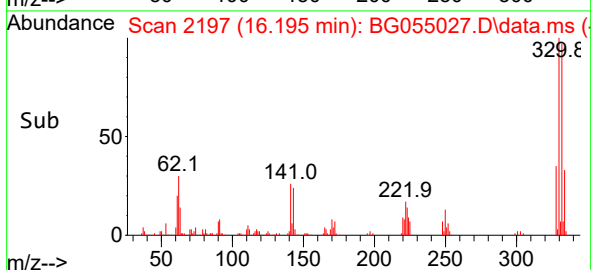
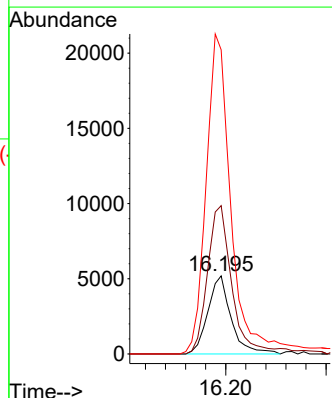
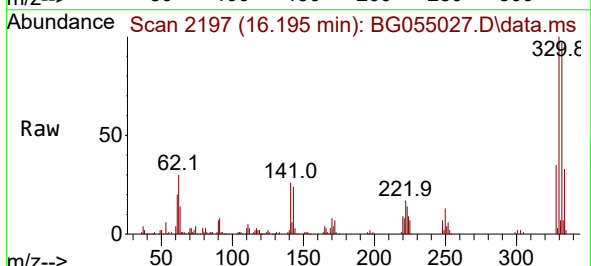
Instrument :
BNA_G
ClientSampleId :
SB-06-COMP

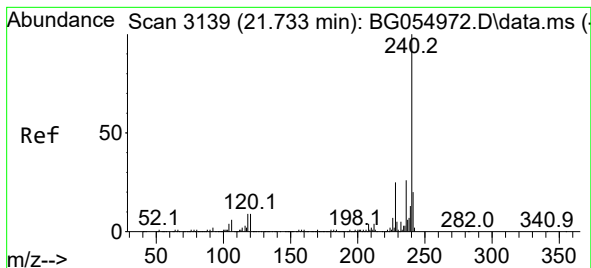
Tgt Ion:198 Resp: 144
Ion Ratio Lower Upper
198 100
51 131.9 19.9 59.9#
105 173.5 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 2.817 ng
RT: 16.195 min Scan# 2197
Delta R.T. -0.438 min
Lab File: BG055027.D
Acq: 26 Sep 2022 15:14

Tgt Ion:248 Resp: 8366
Ion Ratio Lower Upper
248 100
250 190.2 78.8 118.2#
141 390.0 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.730 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG055027.D

Acq: 26 Sep 2022 15:14

Instrument :

BNA_G

ClientSampleId :

SB-06-COMP

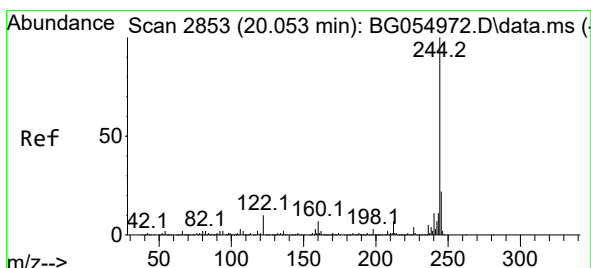
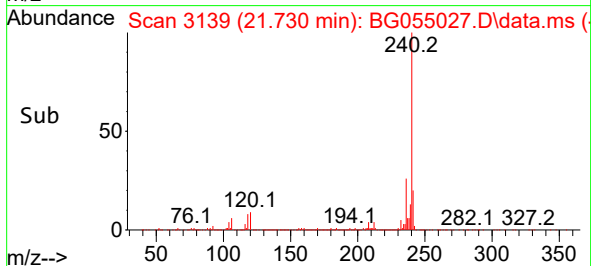
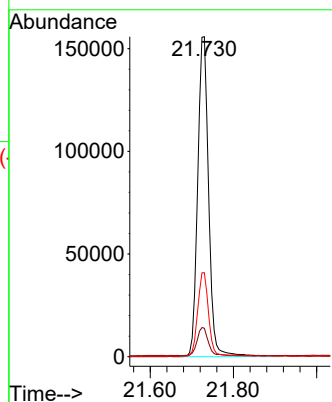
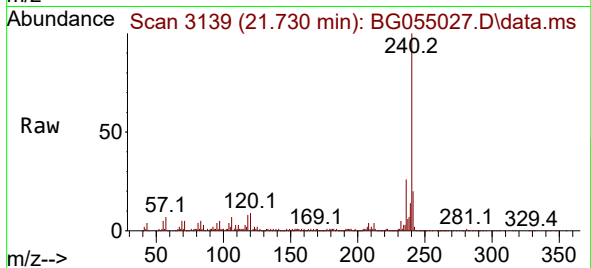
Tgt Ion:240 Resp: 285592

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.4

236 26.2 21.2 31.8



#79

Terphenyl-d14

Concen: 59.818 ng

RT: 20.050 min Scan# 2853

Delta R.T. -0.003 min

Lab File: BG055027.D

Acq: 26 Sep 2022 15:14

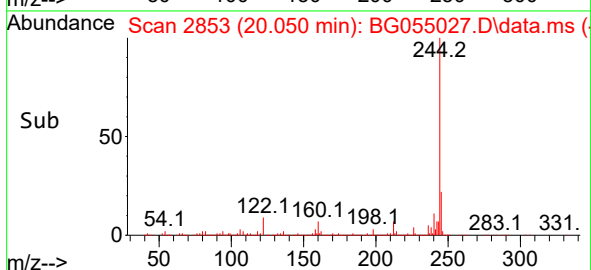
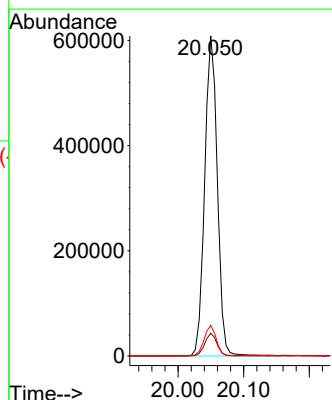
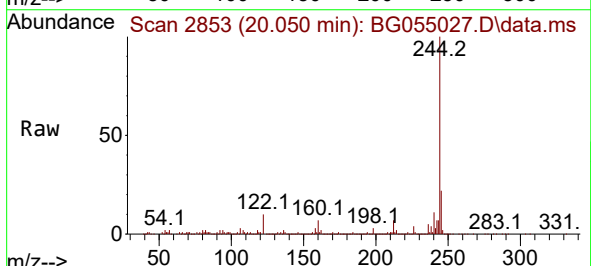
Tgt Ion:244 Resp: 816690

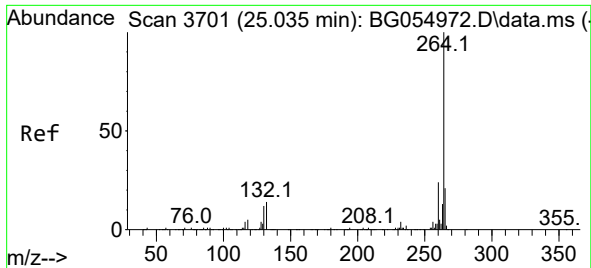
Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

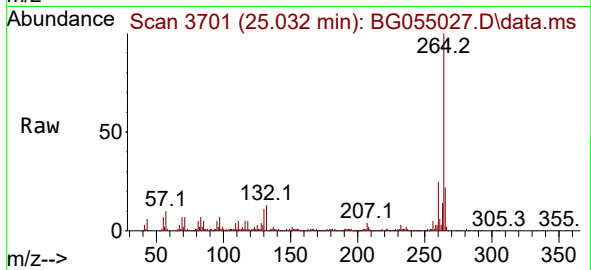
122 9.5 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.032 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG055027.D
 Acq: 26 Sep 2022 15:14

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-COMP



Tgt Ion:264 Resp: 306140
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.9 29.9
 265 21.6 16.9 25.3

