

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092622\
 Data File : BG055025.D
 Acq On : 26 Sep 2022 13:51
 Operator : CG/JU
 Sample : N4742-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-08-COMP

Quant Time: Sep 27 05:34:58 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)

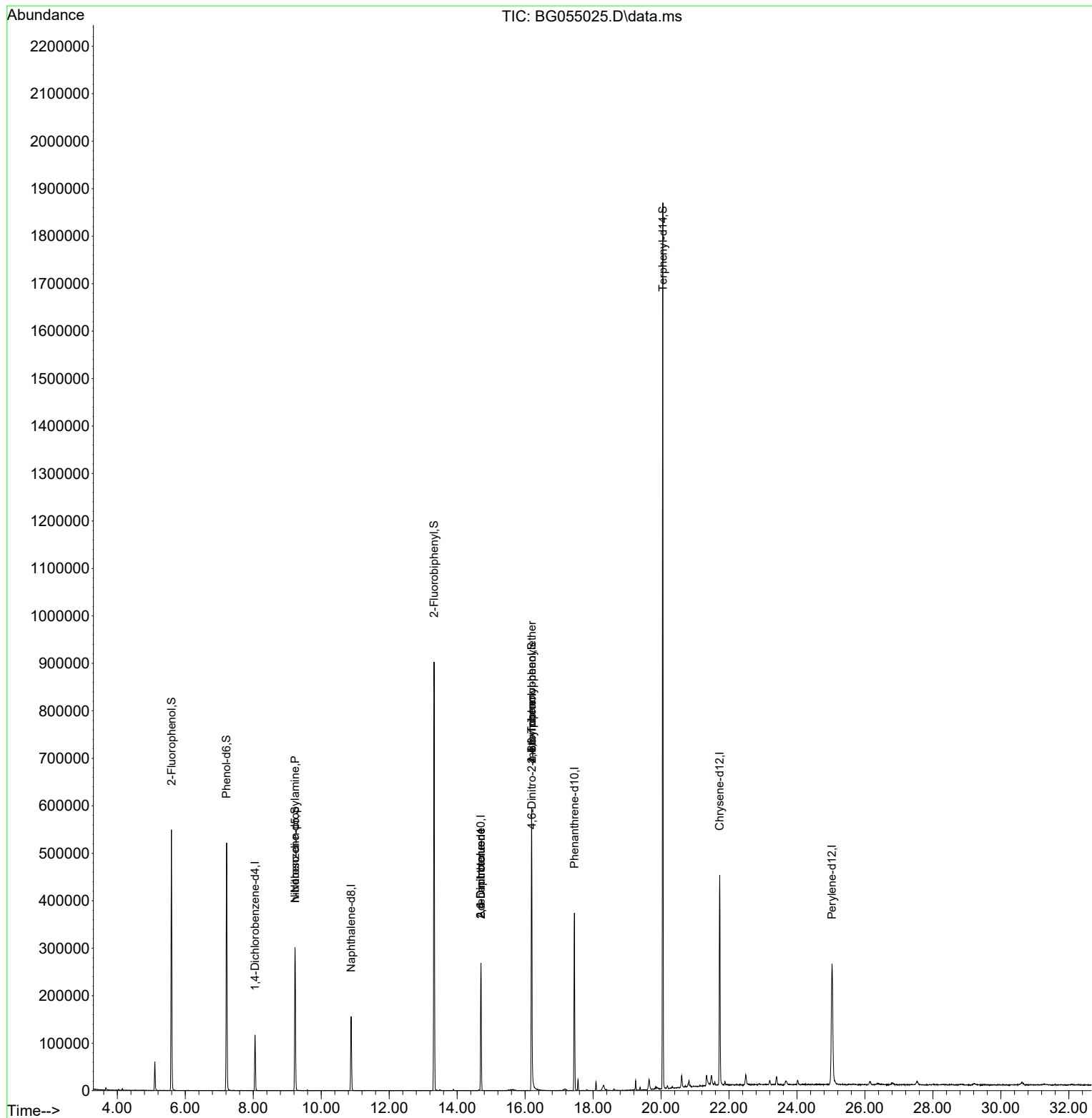
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	38100	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	146281	20.000	ng	# 0.00
39) Acenaphthene-d10	14.700	164	101813	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	249533	20.000	ng	0.00
76) Chrysene-d12	21.727	240	293325	20.000	ng	0.00
86) Perylene-d12	25.030	264	309044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	274038	140.736	ng	0.00
7) Phenol-d6	7.215	99	351570	134.704	ng	0.00
23) Nitrobenzene-d5	9.230	82	197683	78.329	ng	-0.01
42) 2,4,6-Tribromophenol	16.193	330	157055	131.676	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	512177	79.281	ng	0.00
79) Terphenyl-d14	20.053	244	973900	69.453	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.230	70	24159	13.449	ng	# 71
51) 2,6-Dinitrotoluene	14.700	165	13169	8.034	ng	# 20
57) 2,4-Dinitrotoluene	14.700	165	13169	5.648	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.199	198	272	5.181	ng	# 29
67) 4-Bromophenyl-phenylether	16.193	248	9859	3.583	ng	# 1

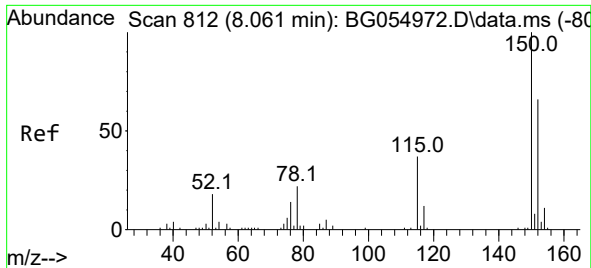
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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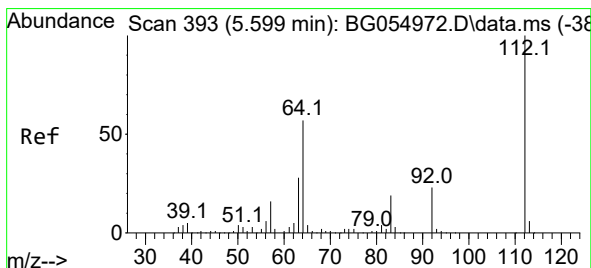
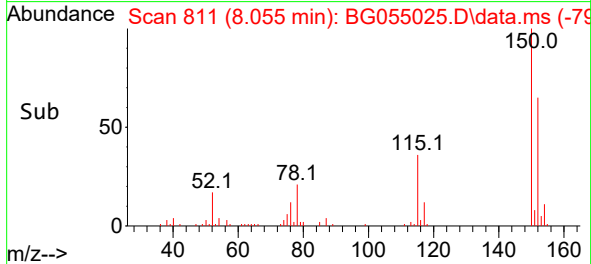
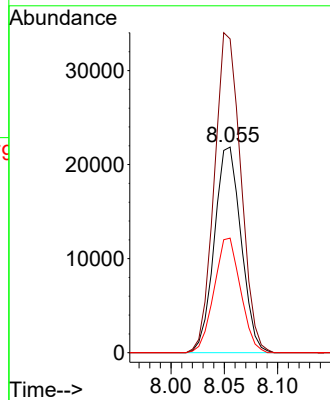
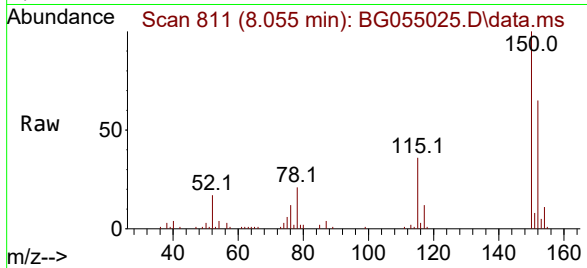




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.055 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

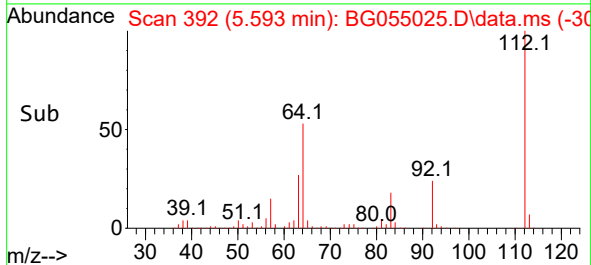
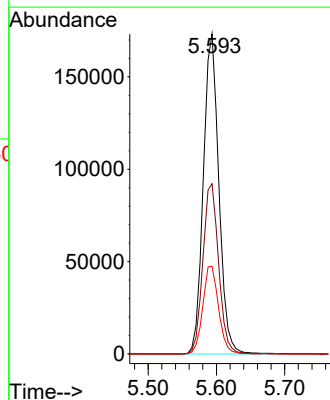
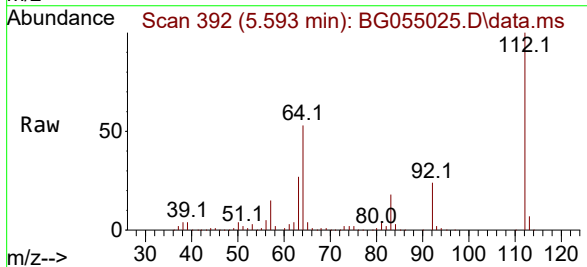
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

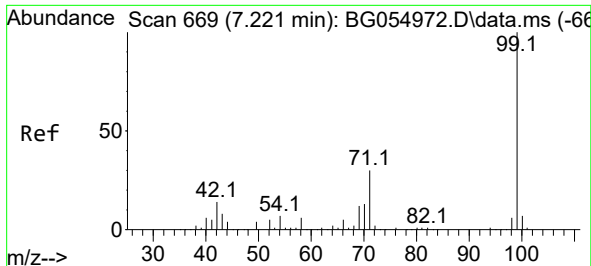
Tgt Ion:152 Resp: 38100
Ion Ratio Lower Upper
152 100
150 152.7 125.2 187.8
115 55.7 47.9 71.9



#5
2-Fluorophenol
Concen: 140.736 ng
RT: 5.593 min Scan# 392
Delta R.T. -0.005 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

Tgt Ion:112 Resp: 274038
Ion Ratio Lower Upper
112 100
64 53.2 49.3 73.9
63 27.4 26.3 39.5

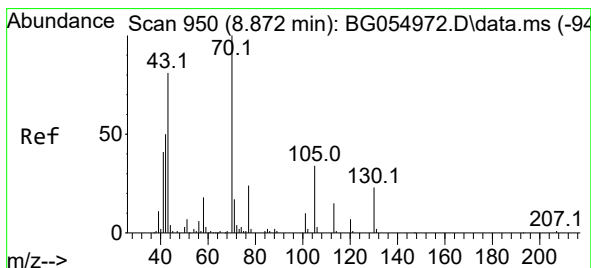
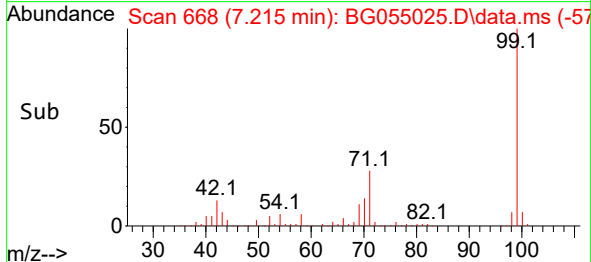
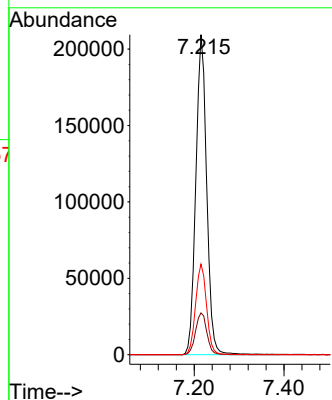
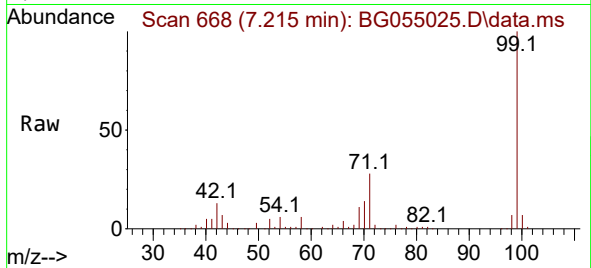




#7
Phenol-d6
Concen: 134.704 ng
RT: 7.215 min Scan# 669
Delta R.T. -0.005 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

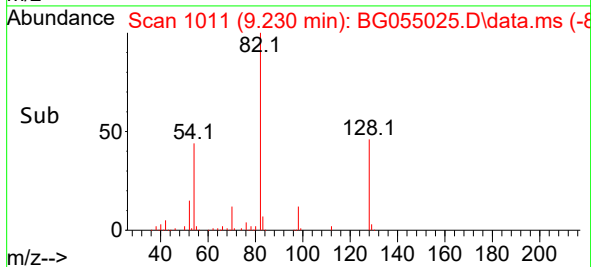
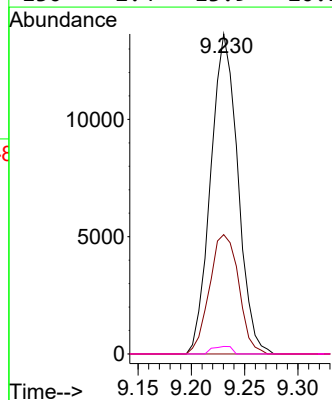
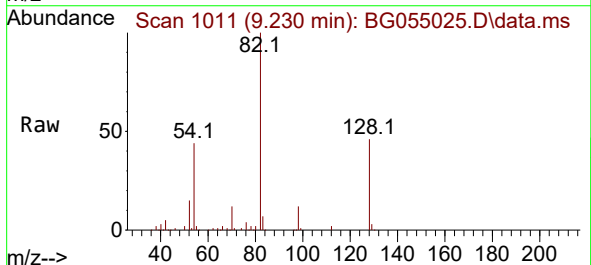
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

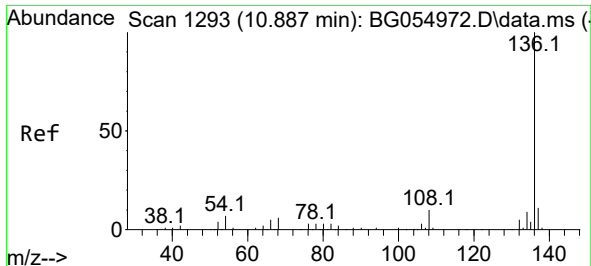
Tgt Ion: 99 Resp: 351570
Ion Ratio Lower Upper
99 100
42 13.1 14.6 22.0#
71 28.3 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.449 ng
RT: 9.230 min Scan# 1011
Delta R.T. 0.359 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

Tgt Ion: 70 Resp: 24159
Ion Ratio Lower Upper
70 100
42 37.3 46.6 69.8#
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#

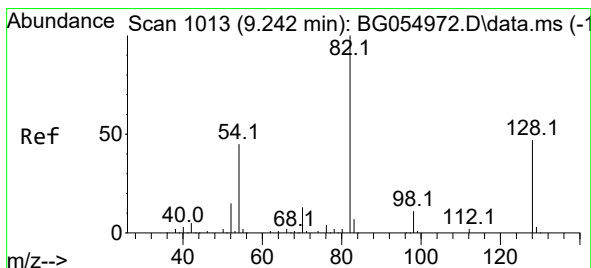
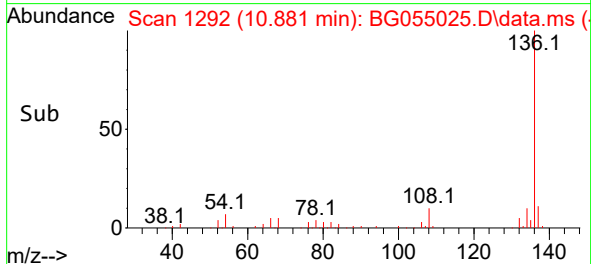
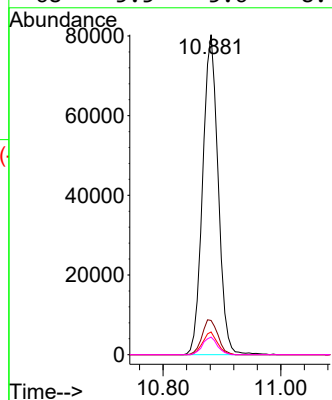
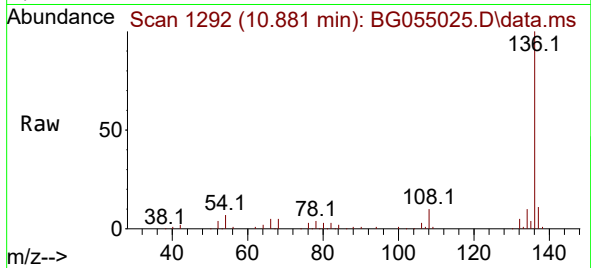




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

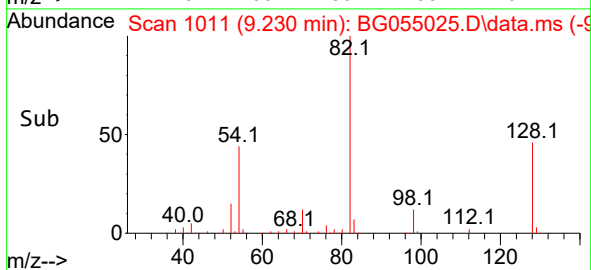
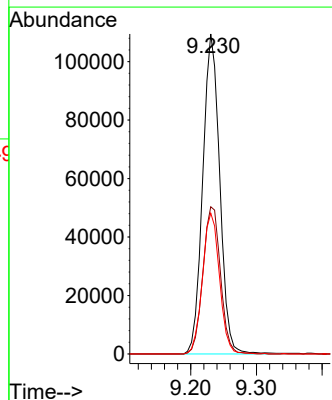
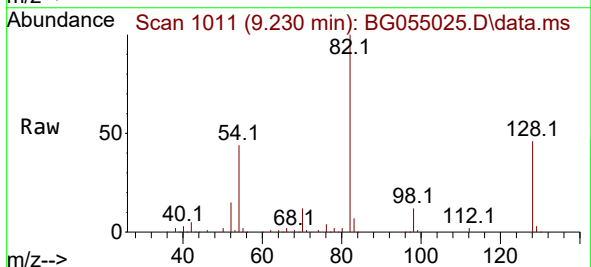
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

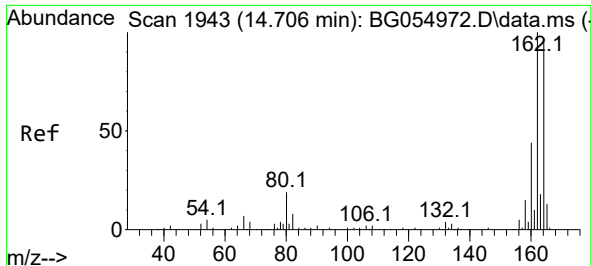
Tgt Ion:136 Resp: 146281
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.1 7.7 11.5#
68 5.5 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 78.329 ng
RT: 9.230 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

Tgt Ion: 82 Resp: 197683
Ion Ratio Lower Upper
82 100
128 46.0 32.2 48.2
54 44.0 41.4 62.0

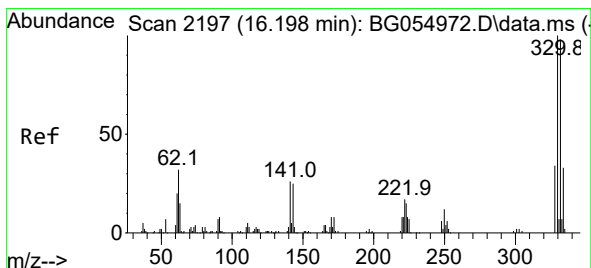
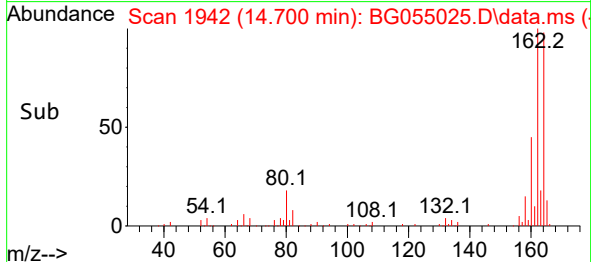
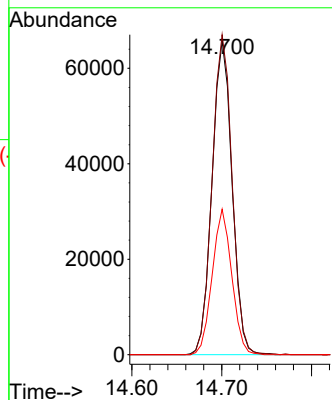
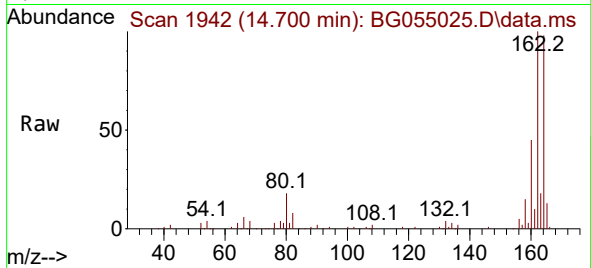




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.700 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

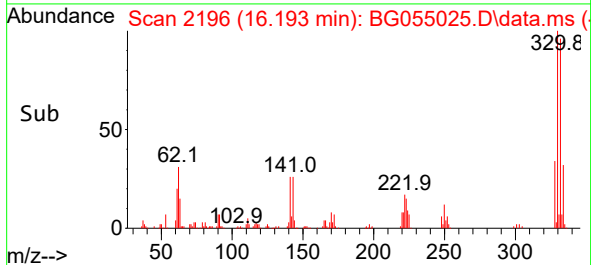
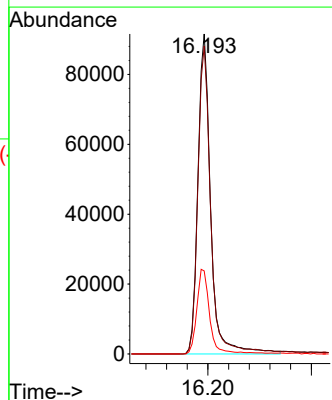
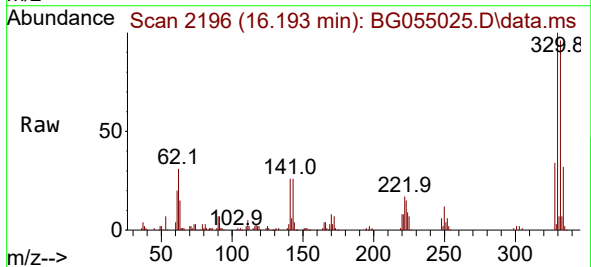
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

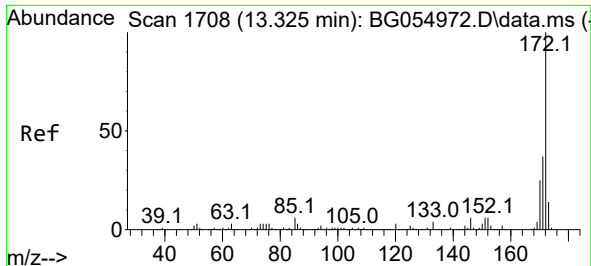
Tgt Ion:164 Resp: 101813
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.4
160 46.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 131.676 ng
RT: 16.193 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

Tgt Ion:330 Resp: 157055
Ion Ratio Lower Upper
330 100
332 96.7 79.8 119.6
141 26.7 26.8 40.2#

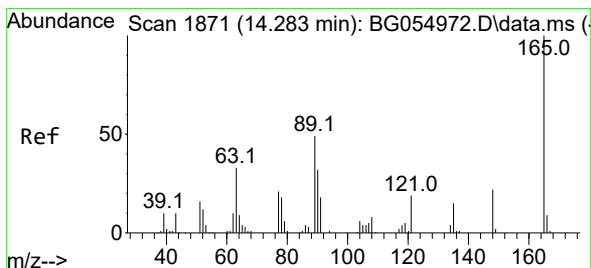
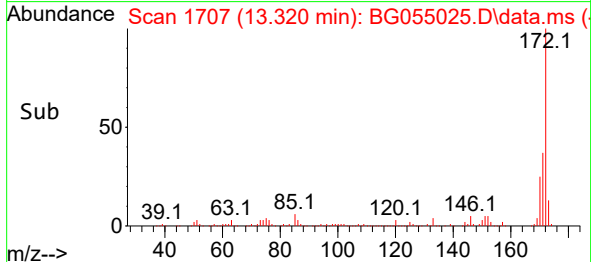
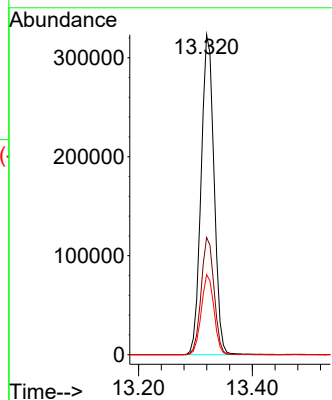
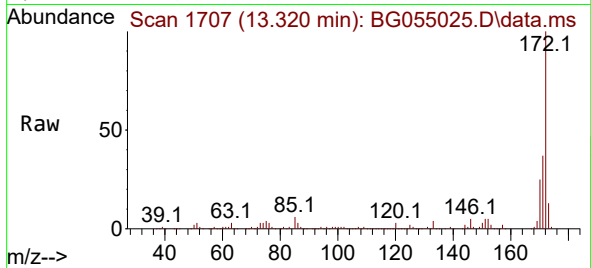




#45
2-Fluorobiphenyl
Concen: 79.281 ng
RT: 13.320 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

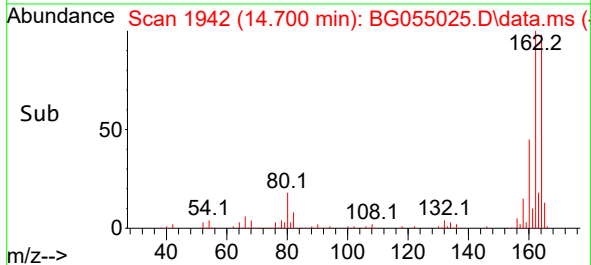
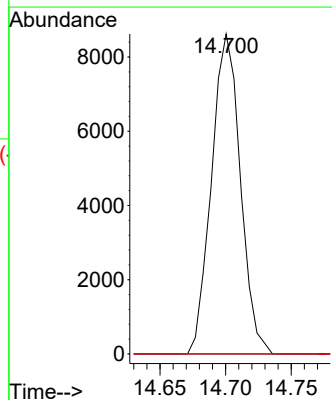
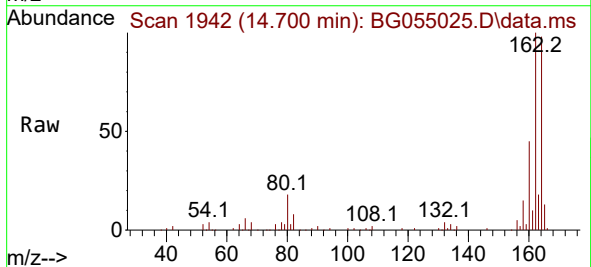
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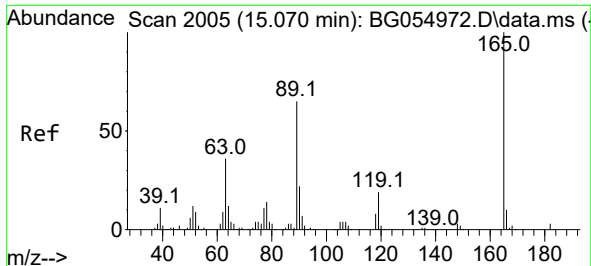
Tgt Ion:172 Resp: 512177
Ion Ratio Lower Upper
172 100
171 36.7 31.2 46.8
170 25.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.034 ng
RT: 14.700 min Scan# 1942
Delta R.T. 0.418 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

Tgt Ion:165 Resp: 13169
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: 5.648 ng

RT: 14.700 min Scan# 1942

Delta R.T. -0.370 min

Lab File: BG055025.D

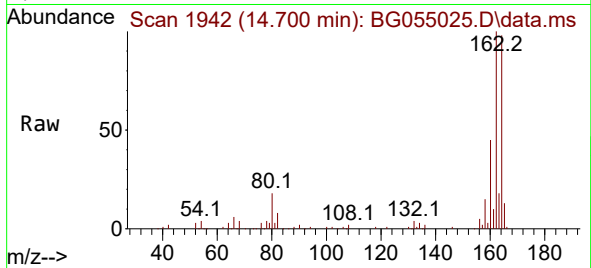
Acq: 26 Sep 2022 13:51

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP



Tgt Ion:165 Resp: 13169

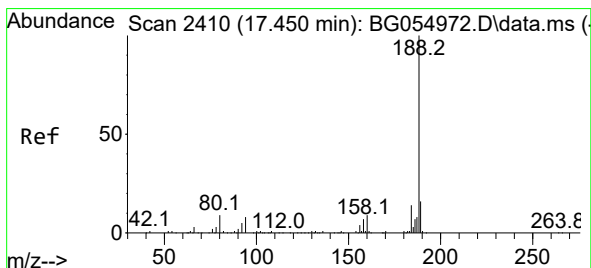
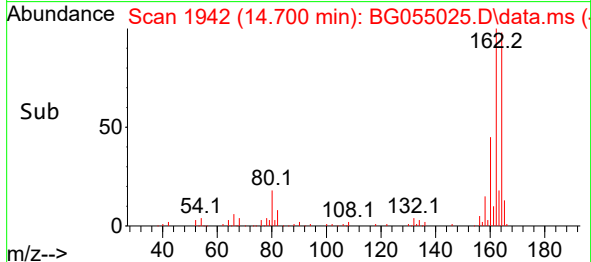
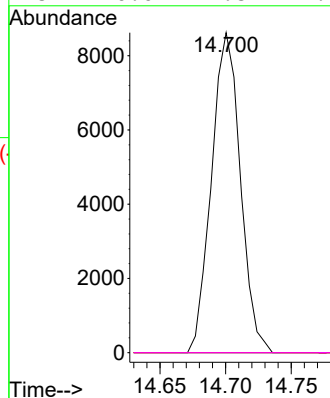
Ion Ratio Lower Upper

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: 17.450 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BG055025.D

Acq: 26 Sep 2022 13:51

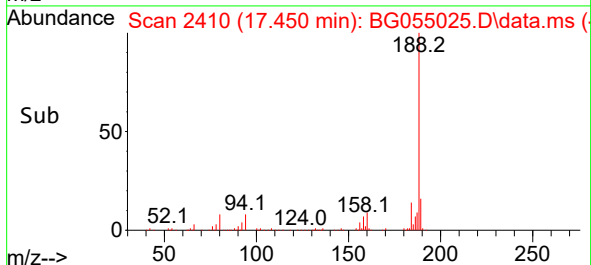
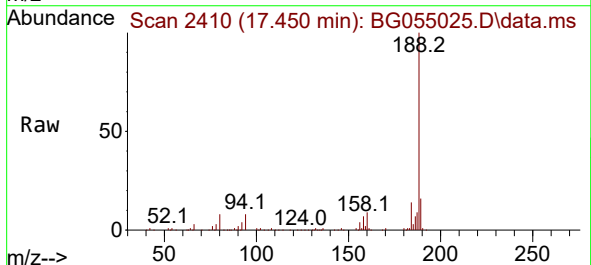
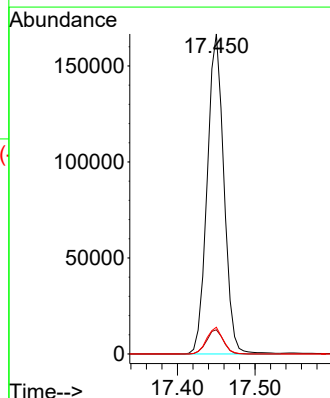
Tgt Ion:188 Resp: 249533

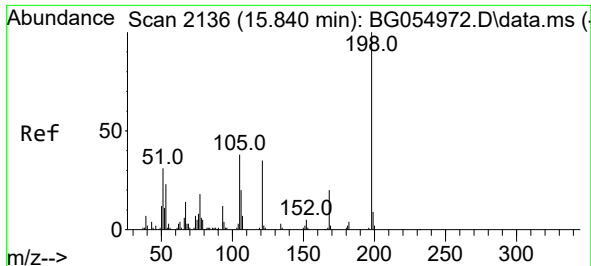
Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.4

80 8.3 7.9 11.9

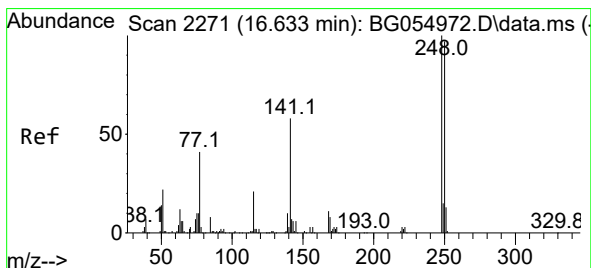
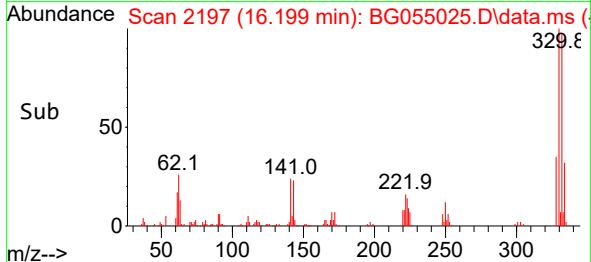
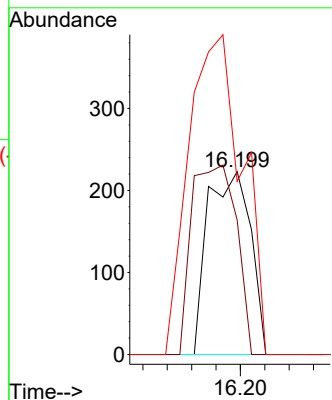
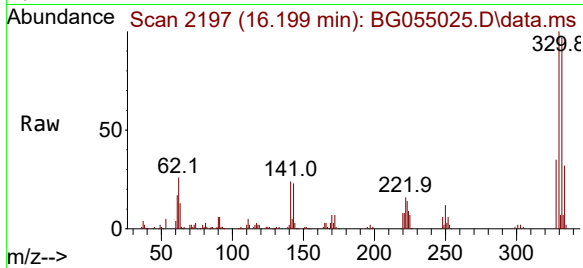




#65
4,6-Dinitro-2-methylphenol
Concen: 5.181 ng
RT: 16.199 min Scan# 2136
Delta R.T. 0.359 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

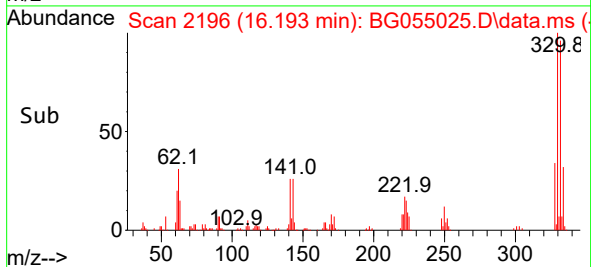
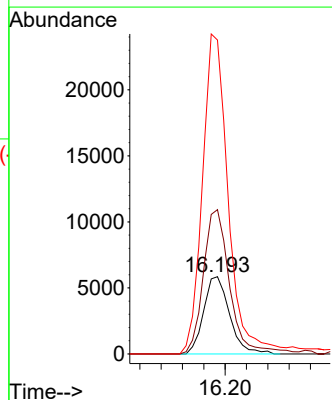
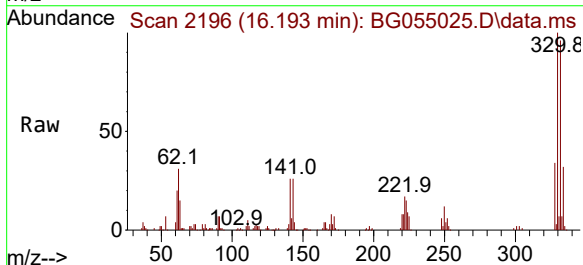
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

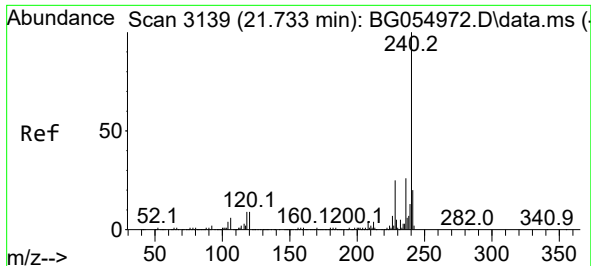
Tgt Ion:198 Resp: 272
Ion Ratio Lower Upper
198 100
51 73.5 19.9 59.9#
105 94.6 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.583 ng
RT: 16.193 min Scan# 2196
Delta R.T. -0.440 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

Tgt Ion:248 Resp: 9859
Ion Ratio Lower Upper
248 100
250 186.7 78.8 118.2#
141 405.9 51.9 77.9#

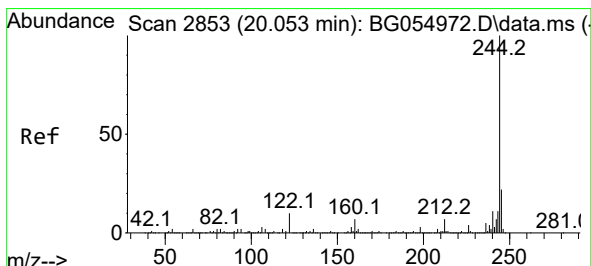
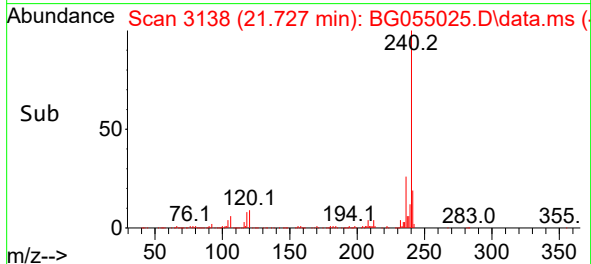
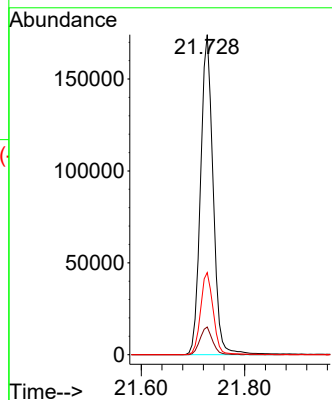
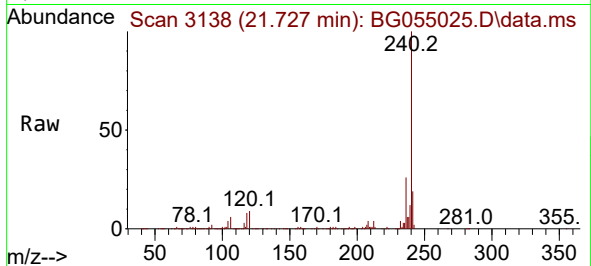




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3139
Delta R.T. -0.005 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

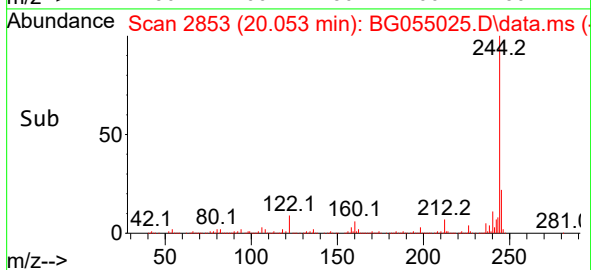
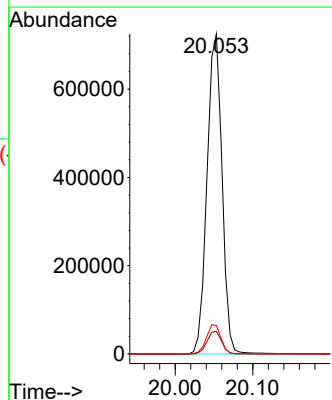
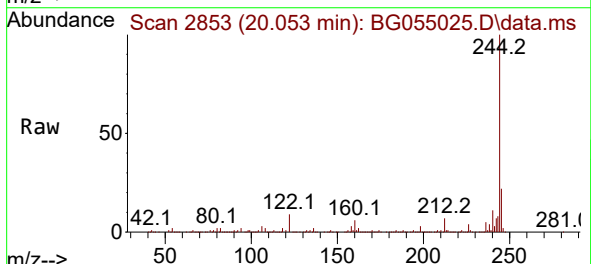
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

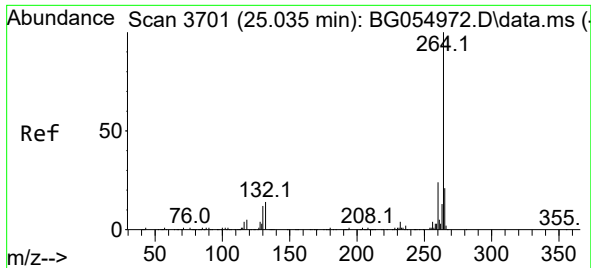
Tgt Ion:240 Resp: 293325
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.4
236 25.6 21.2 31.8



#79
Terphenyl-d14
Concen: 69.453 ng
RT: 20.053 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

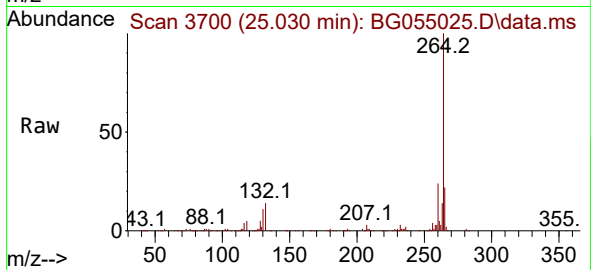
Tgt Ion:244 Resp: 973900
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 8.9 9.0 13.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG055025.D
Acq: 26 Sep 2022 13:51

Instrument :
BNA_G
ClientSampleId :
SB-08-COMP



Tgt Ion:264 Resp: 309044
Ion Ratio Lower Upper
264 100
260 24.5 19.9 29.9
265 21.6 16.9 25.3

