

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG055005.D
 Acq On : 21 Sep 2022 22:52
 Operator : CG/JU
 Sample : N4724-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-COMP

Quant Time: Sep 22 04:45:54 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)

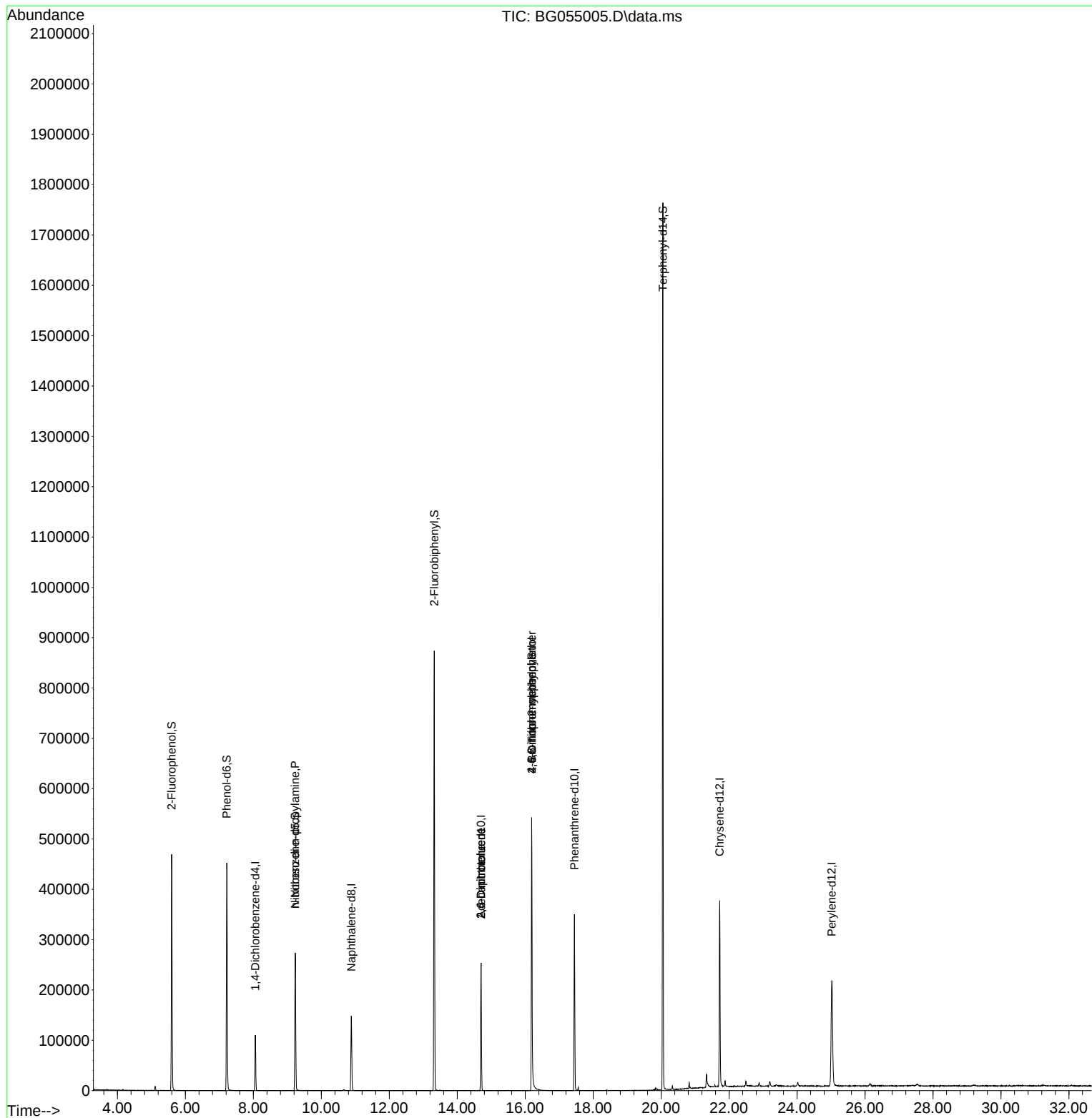
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	35053	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	140356	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	96975	20.000	ng	0.00
64) Phenanthrene-d10	17.447	188	237335	20.000	ng	0.00
76) Chrysene-d12	21.724	240	244612	20.000	ng	0.00
86) Perylene-d12	25.020	264	254658	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.596	112	235794	131.622	ng	0.00
7) Phenol-d6	7.218	99	309456	128.875	ng	0.00
23) Nitrobenzene-d5	9.233	82	176872	73.042	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	142197	125.167	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	478829	77.816	ng	0.00
79) Terphenyl-d14	20.050	244	909020	77.736	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.233	70	22229	13.450	ng	# 74
51) 2,6-Dinitrotoluene	14.703	165	12802	8.200	ng	# 22
57) 2,4-Dinitrotoluene	14.703	165	12802	5.765	ng	# 19
65) 4,6-Dinitro-2-methylph...	16.190	198	204	5.140	ng	# 1
67) 4-Bromophenyl-phenylether	16.190	248	8261	3.156	ng	# 1

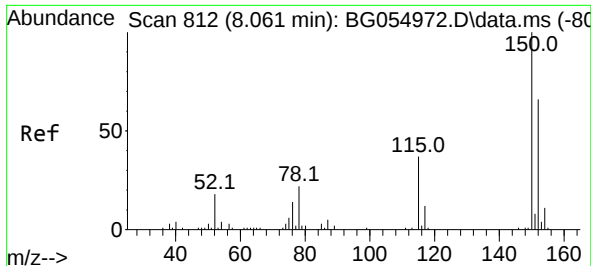
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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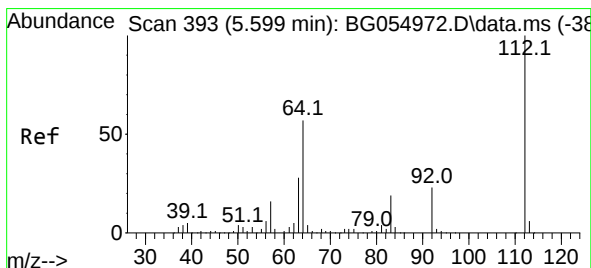
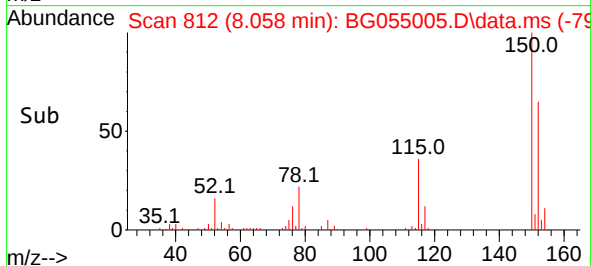
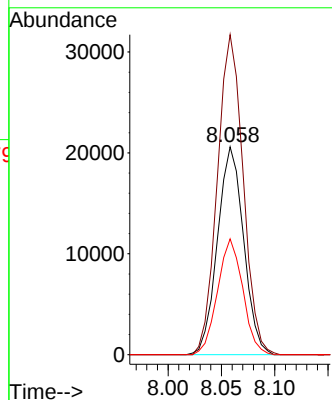
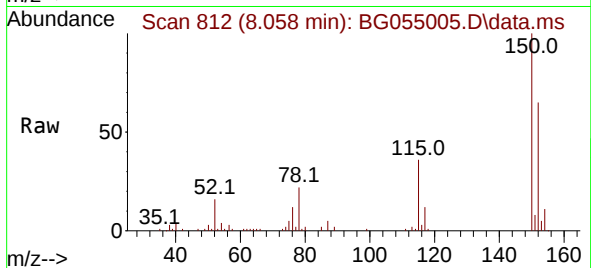




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG055005.D
Acq: 21 Sep 2022 22:52

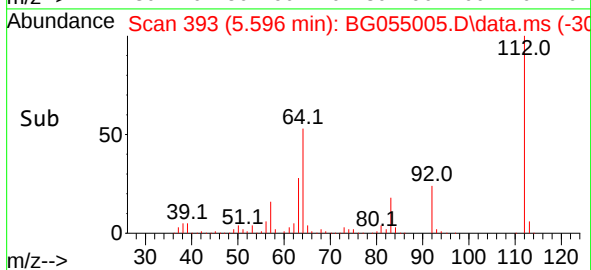
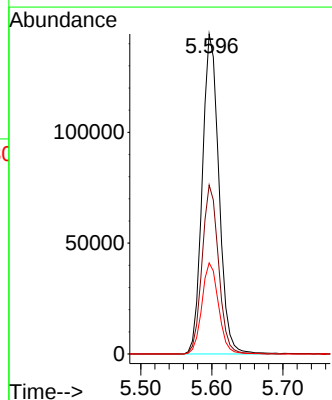
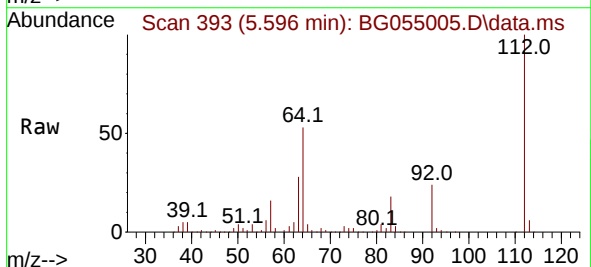
Instrument :
BNA_G
ClientSampleId :
SB-10-COMP

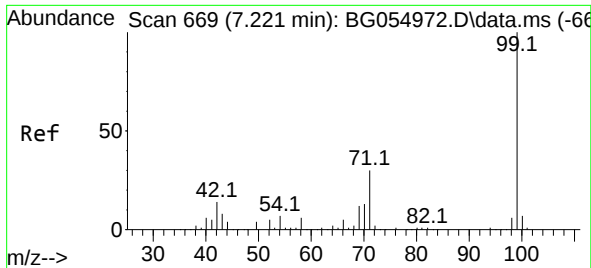
Tgt Ion:152 Resp: 35053
Ion Ratio Lower Upper
152 100
150 153.9 125.2 187.8
115 55.7 47.9 71.9



#5
2-Fluorophenol
Concen: 131.622 ng
RT: 5.596 min Scan# 393
Delta R.T. -0.003 min
Lab File: BG055005.D
Acq: 21 Sep 2022 22:52

Tgt Ion:112 Resp: 235794
Ion Ratio Lower Upper
112 100
64 52.8 49.3 73.9
63 28.5 26.3 39.5

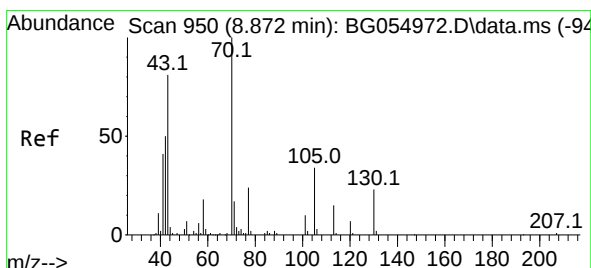
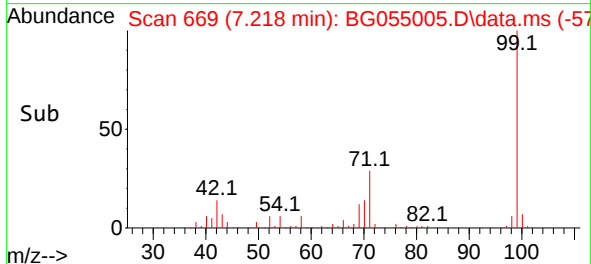
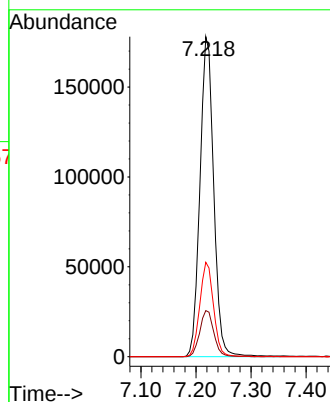
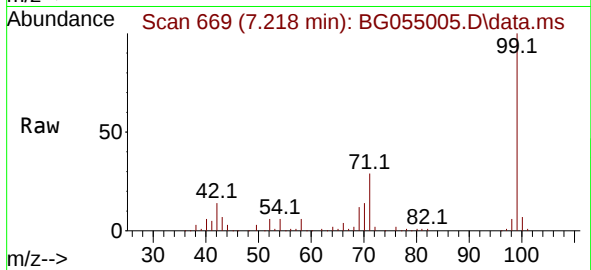




#7
Phenol-d6
Concen: 128.875 ng
RT: 7.218 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG055005.D
Acq: 21 Sep 2022 22:52

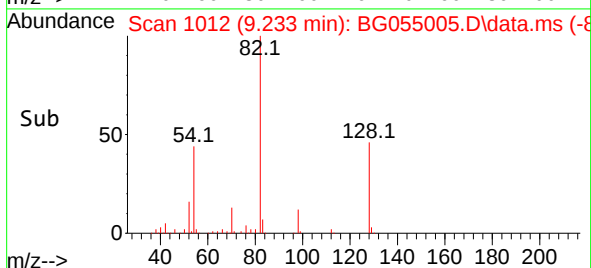
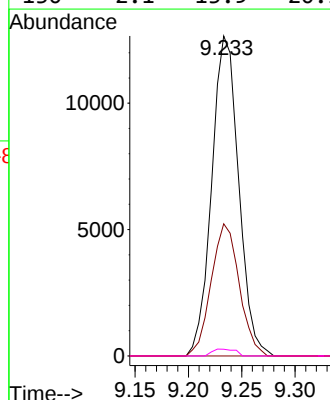
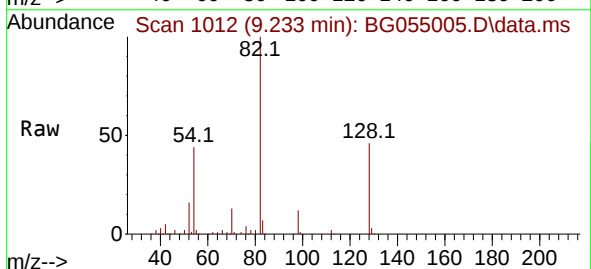
Instrument :
BNA_G
ClientSampleId :
SB-10-COMP

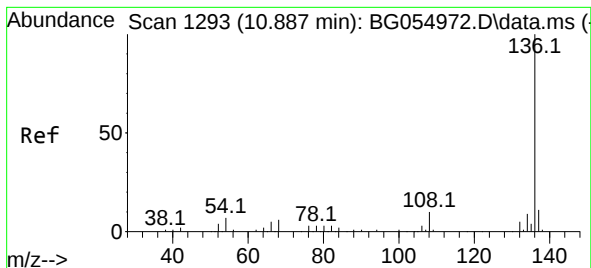
Tgt Ion: 99 Resp: 309456
Ion Ratio Lower Upper
99 100
42 14.4 14.6 22.0#
71 29.5 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.450 ng
RT: 9.233 min Scan# 1012
Delta R.T. 0.362 min
Lab File: BG055005.D
Acq: 21 Sep 2022 22:52

Tgt Ion: 70 Resp: 22229
Ion Ratio Lower Upper
70 100
42 41.3 46.6 69.8#
101 0.0 7.7 11.5#
130 2.1 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: BG055005.D

Acq: 21 Sep 2022 22:52

Instrument :

BNA_G

ClientSampleId :

SB-10-COMP

Tgt Ion:136 Resp: 140356

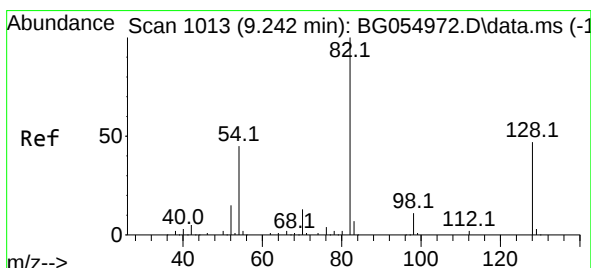
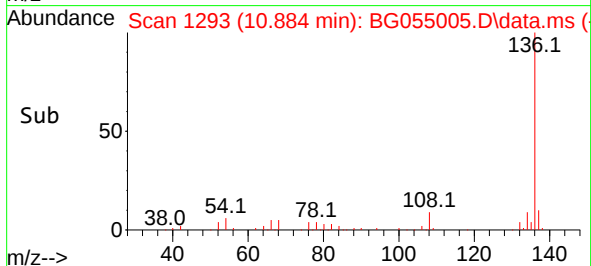
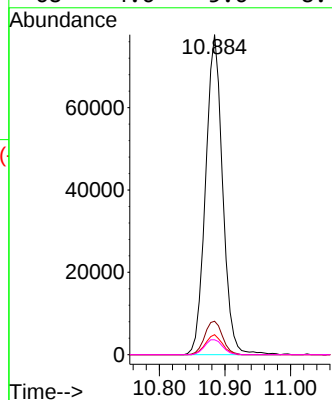
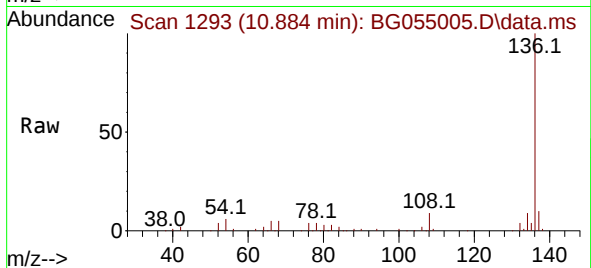
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 6.2 7.7 11.5#

68 4.6 5.6 8.4#



#23

Nitrobenzene-d5

Concen: 73.042 ng

RT: 9.233 min Scan# 1012

Delta R.T. -0.009 min

Lab File: BG055005.D

Acq: 21 Sep 2022 22:52

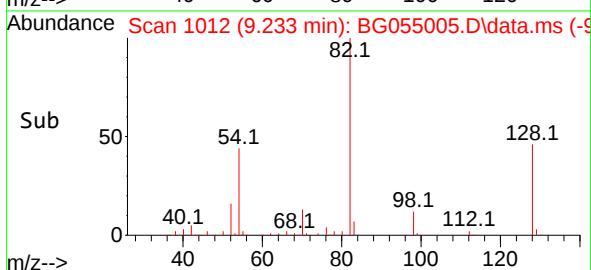
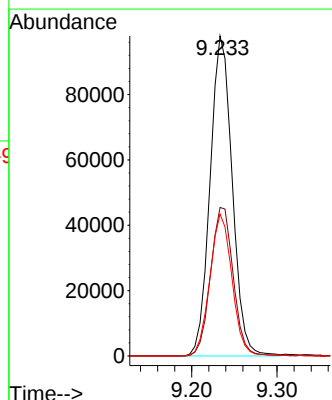
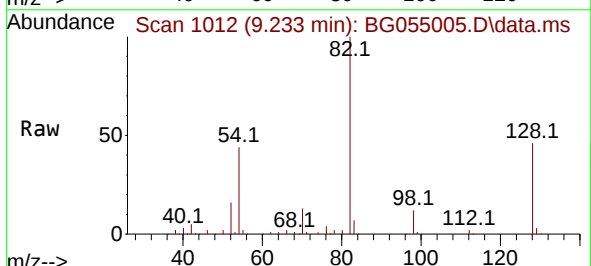
Tgt Ion: 82 Resp: 176872

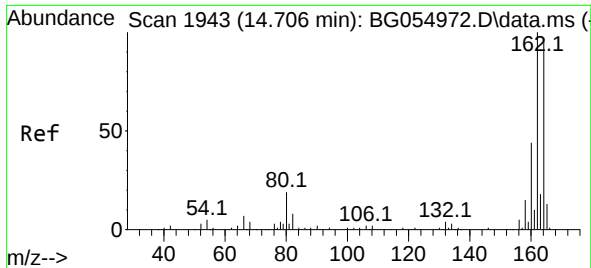
Ion Ratio Lower Upper

82 100

128 46.4 32.2 48.2

54 44.4 41.4 62.0





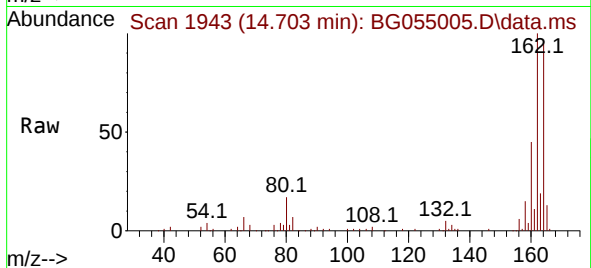
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1943
Delta R.T. -0.003 min
Lab File: BG055005.D
Acq: 21 Sep 2022 22:52

Instrument :

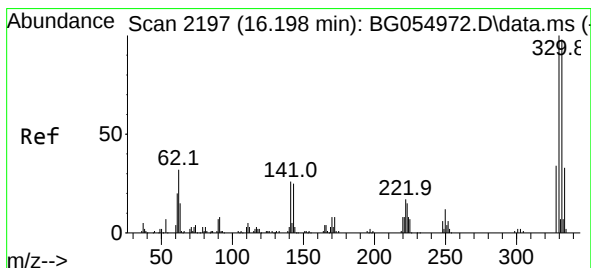
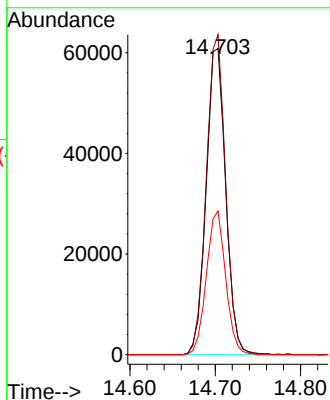
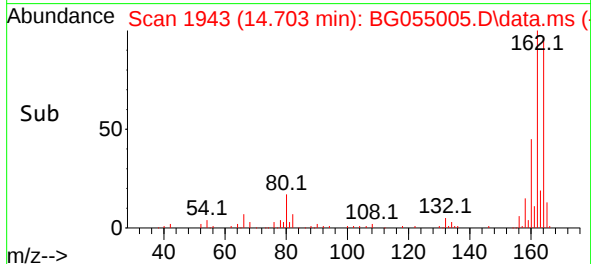
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ClientSampleId :

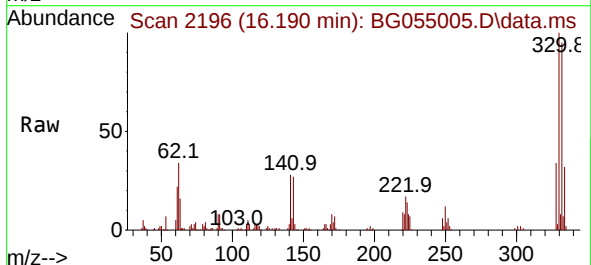
SB-10-COMP



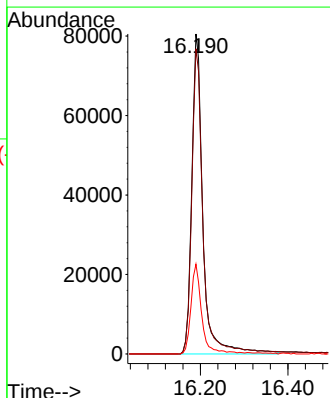
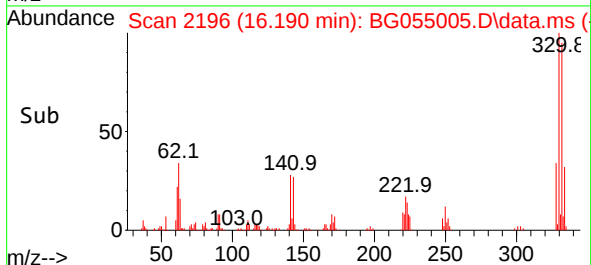
Tgt Ion:164 Resp: 96975
Ion Ratio Lower Upper
164 100
162 104.5 83.0 124.4
160 46.9 38.0 57.0

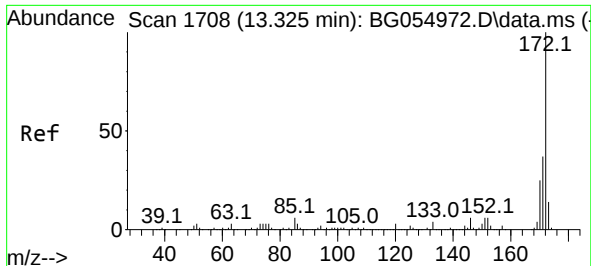


#42
2,4,6-Tribromophenol
Concen: 125.167 ng
RT: 16.190 min Scan# 2196
Delta R.T. -0.009 min
Lab File: BG055005.D
Acq: 21 Sep 2022 22:52



Tgt Ion:330 Resp: 142197
Ion Ratio Lower Upper
330 100
332 95.0 79.8 119.6
141 27.2 26.8 40.2

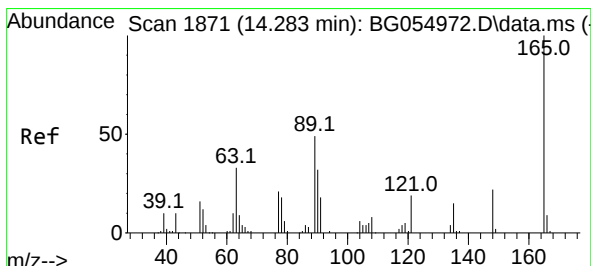
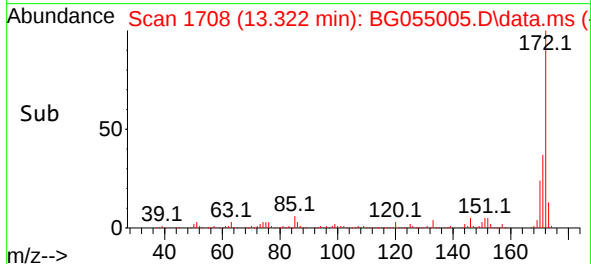
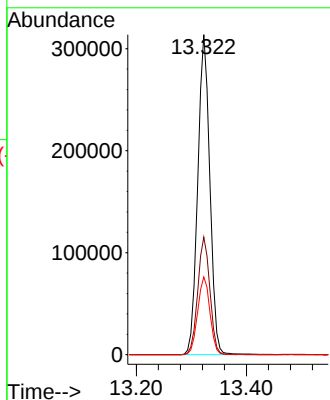
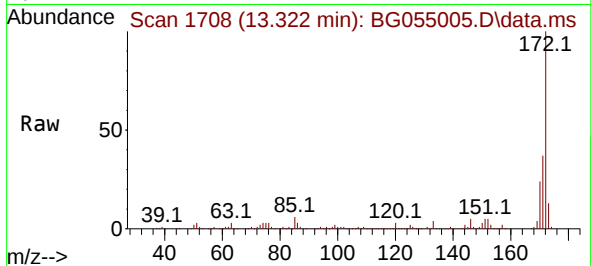




#45
2-Fluorobiphenyl
Concen: 77.816 ng
RT: 13.322 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055005.D
Acq: 21 Sep 2022 22:52

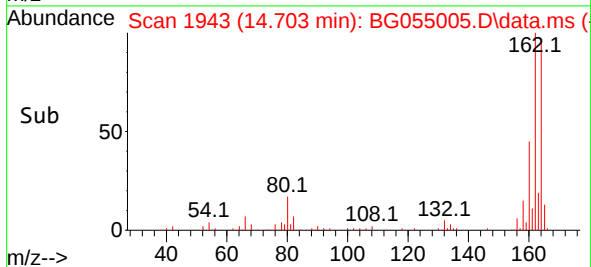
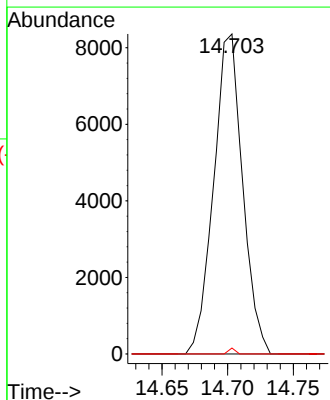
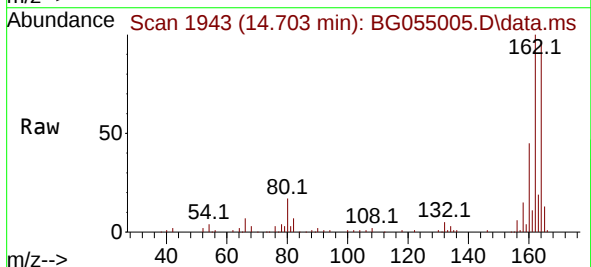
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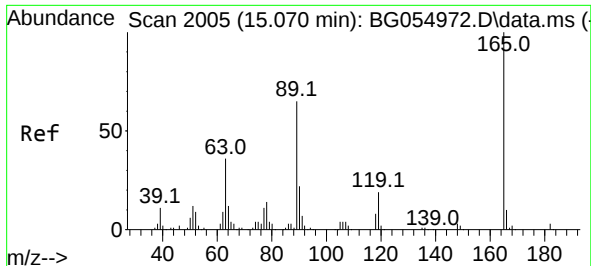
Tgt Ion:172 Resp: 478829
Ion Ratio Lower Upper
172 100
171 36.8 31.2 46.8
170 24.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.200 ng
RT: 14.703 min Scan# 1943
Delta R.T. 0.420 min
Lab File: BG055005.D
Acq: 21 Sep 2022 22:52

Tgt Ion:165 Resp: 12802
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 1.8 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.765 ng

RT: 14.703 min Scan# 1943

Delta R.T. -0.367 min

Lab File: BG055005.D

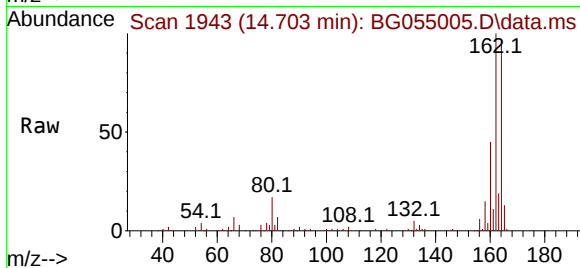
Acq: 21 Sep 2022 22:52

Instrument :

BNA_G

ClientSampleId :

SB-10-COMP



Tgt Ion:165 Resp: 12802

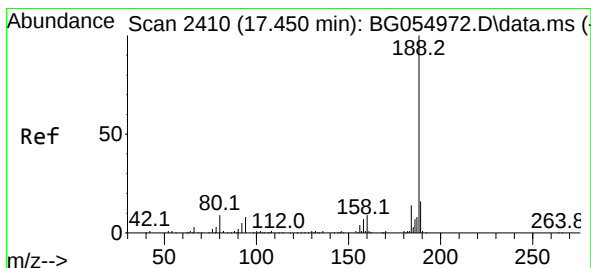
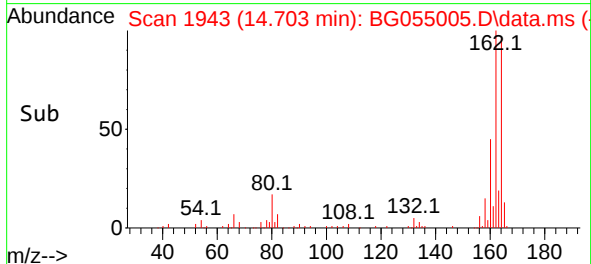
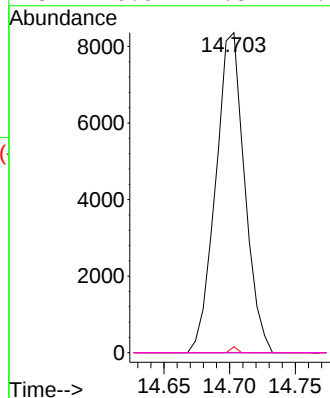
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 1.8 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.447 min Scan# 2410

Delta R.T. -0.003 min

Lab File: BG055005.D

Acq: 21 Sep 2022 22:52

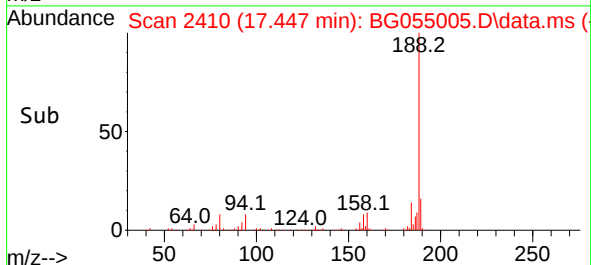
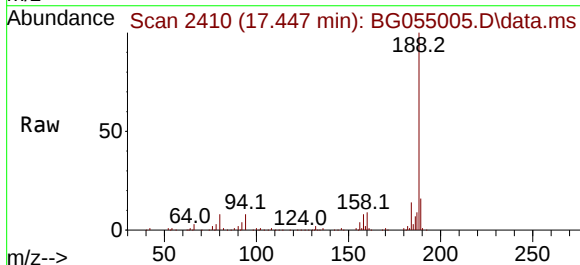
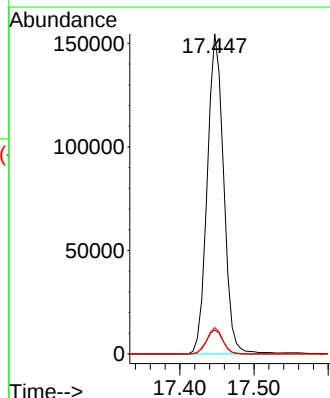
Tgt Ion:188 Resp: 237335

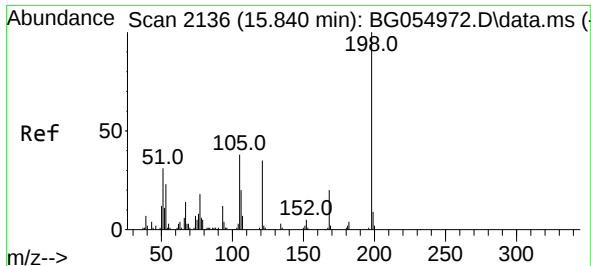
Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.4

80 8.2 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 5.140 ng
RT: 16.190 min Scan# 2136
Delta R.T. 0.350 min
Lab File: BG055005.D
Acq: 21 Sep 2022 22:52

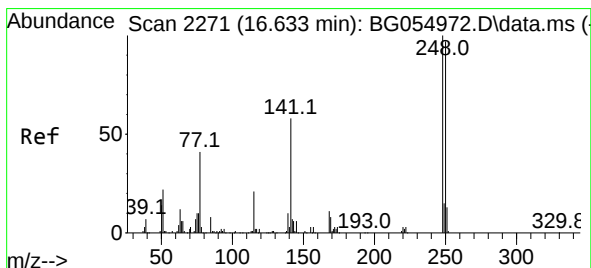
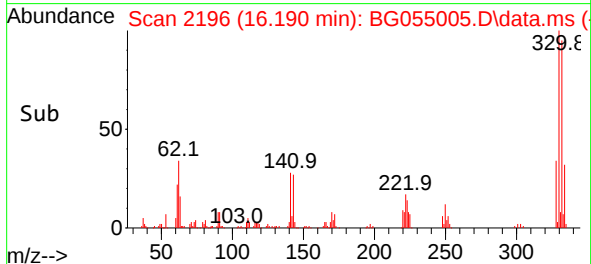
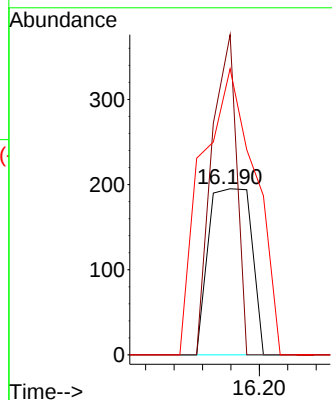
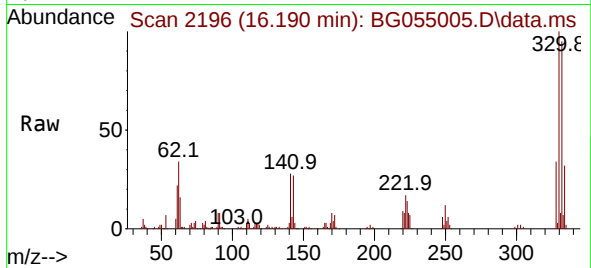
Instrument :

BNA_G

ClientSampleId :

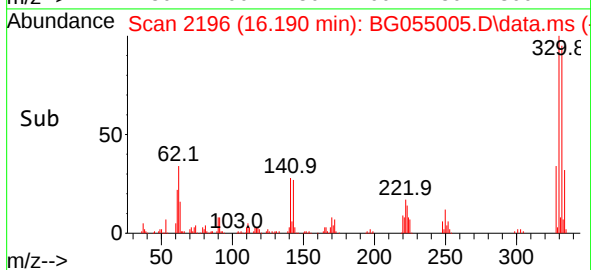
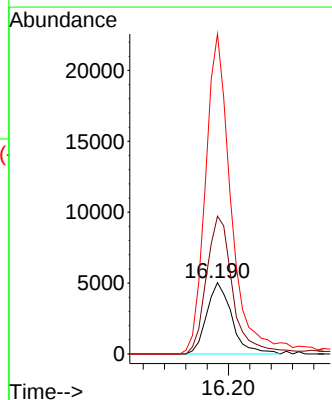
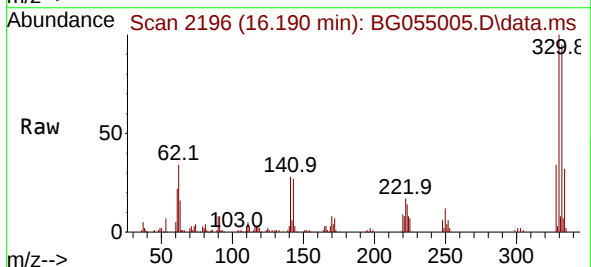
SB-10-COMP

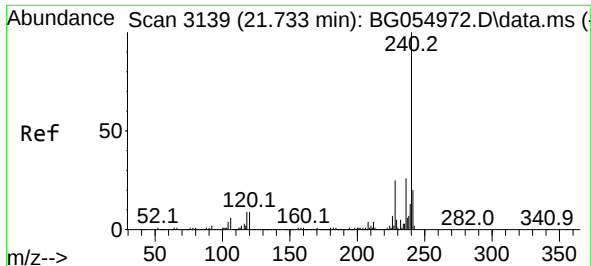
Tgt Ion:198 Resp: 204
Ion Ratio Lower Upper
198 100
51 192.8 19.9 59.9#
105 172.3 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.156 ng
RT: 16.190 min Scan# 2196
Delta R.T. -0.443 min
Lab File: BG055005.D
Acq: 21 Sep 2022 22:52

Tgt Ion:248 Resp: 8261
Ion Ratio Lower Upper
248 100
250 193.1 78.8 118.2#
141 448.4 51.9 77.9#

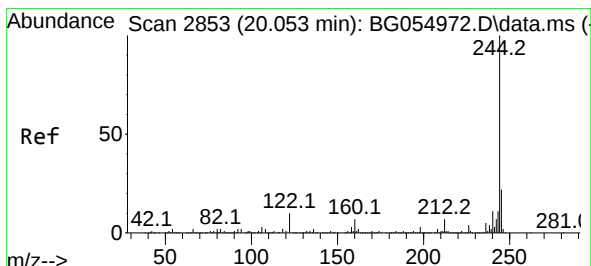
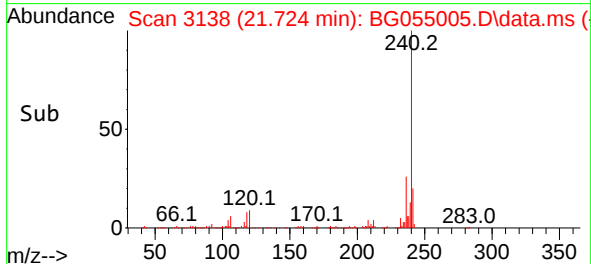
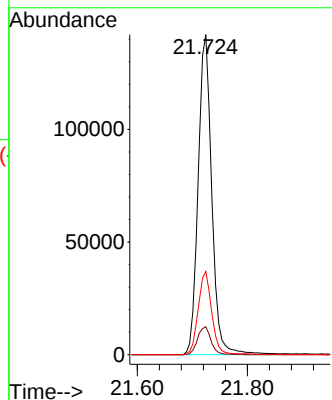
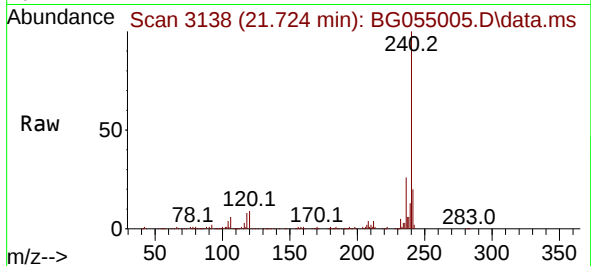




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3139
Delta R.T. -0.009 min
Lab File: BG055005.D
Acq: 21 Sep 2022 22:52

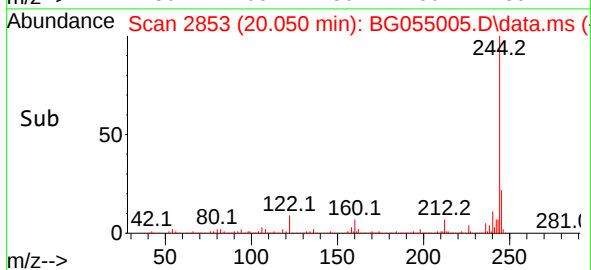
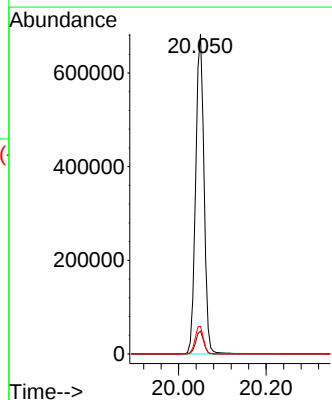
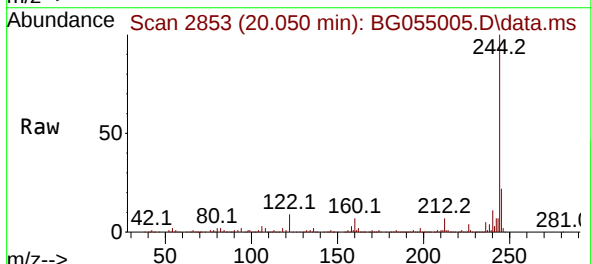
Instrument :
BNA_G
ClientSampleId :
SB-10-COMP

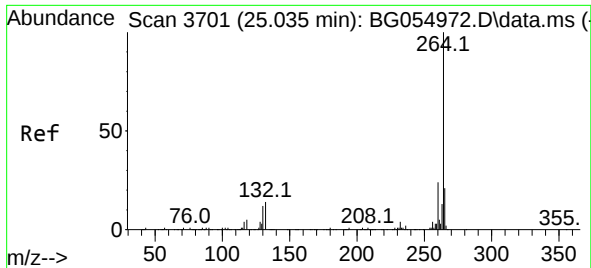
Tgt Ion:240 Resp: 244612
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.4
236 26.0 21.2 31.8



#79
Terphenyl-d14
Concen: 77.736 ng
RT: 20.050 min Scan# 2853
Delta R.T. -0.003 min
Lab File: BG055005.D
Acq: 21 Sep 2022 22:52

Tgt Ion:244 Resp: 909020
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 8.7 9.0 13.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.020 min Scan# 30
 Delta R.T. -0.014 min
 Lab File: BG055005.D
 Acq: 21 Sep 2022 22:52

Instrument :
 BNA_G
 ClientSampleId :
 SB-10-COMP

Tgt Ion:264 Resp: 254658
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.9 29.9
 265 21.6 16.9 25.3

