

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG054999.D
 Acq On : 21 Sep 2022 18:41
 Operator : CG/JU
 Sample : N4723-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-COMP

Quant Time: Sep 22 04:43:27 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)

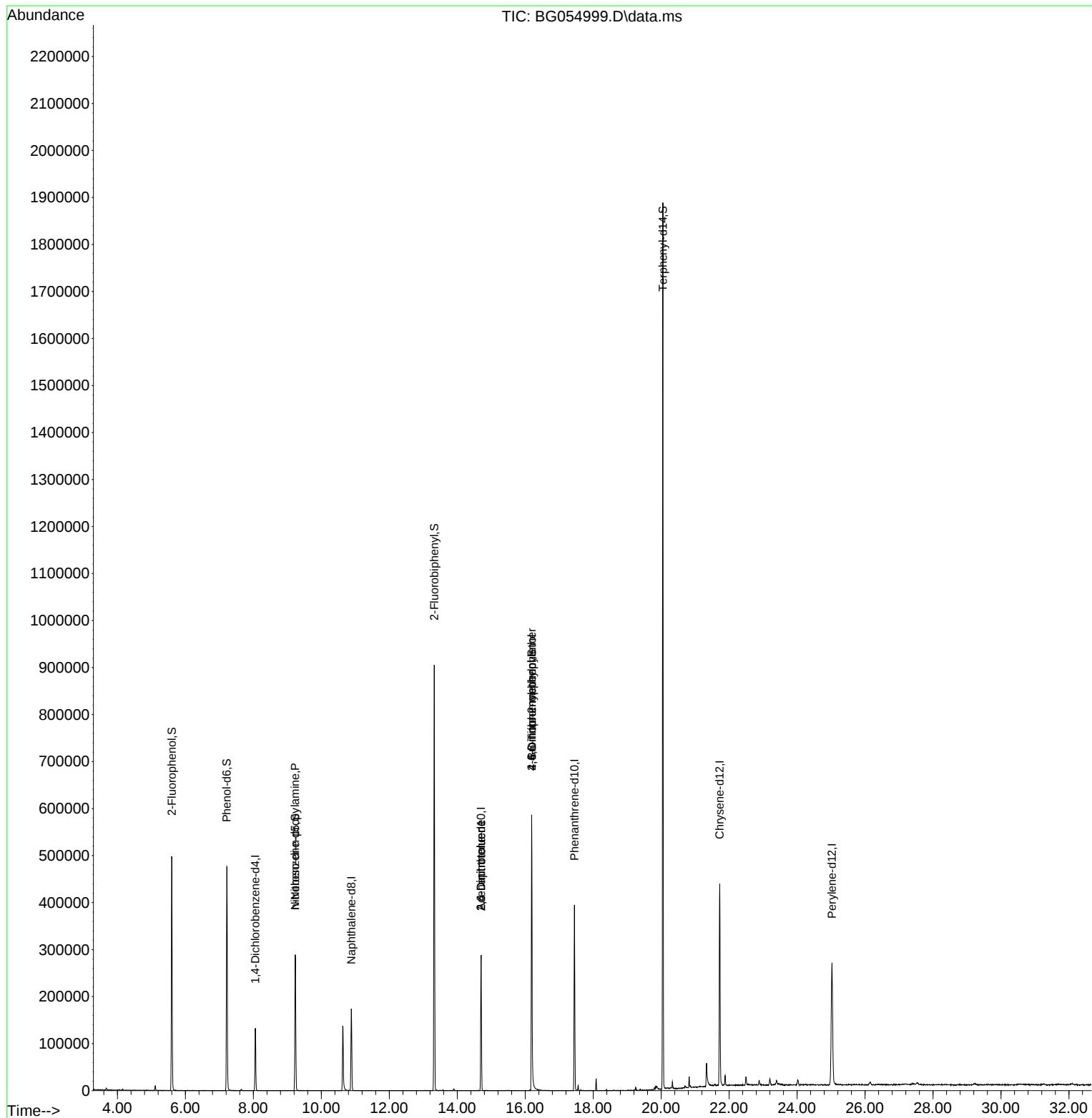
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	42092	20.000	ng	0.00
21) Naphthalene-d8	10.884	136	163362	20.000	ng	# 0.00
39) Acenaphthene-d10	14.703	164	109923	20.000	ng	0.00
64) Phenanthrene-d10	17.447	188	264693	20.000	ng	0.00
76) Chrysene-d12	21.724	240	284007	20.000	ng	0.00
86) Perylene-d12	25.026	264	296356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.602	112	255845	118.932	ng	0.00
7) Phenol-d6	7.218	99	328822	114.040	ng	0.00
23) Nitrobenzene-d5	9.233	82	190796	67.696	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	150059	116.529	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	500792	71.799	ng	0.00
79) Terphenyl-d14	20.050	244	961033	70.784	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.233	70	23763	11.974	ng	# 74
51) 2,6-Dinitrotoluene	14.703	165	14824	8.376	ng	# 20
57) 2,4-Dinitrotoluene	14.703	165	14824	5.889	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.190	198	316	5.199	ng	# 1
67) 4-Bromophenyl-phenylether	16.190	248	9062	3.104	ng	# 1

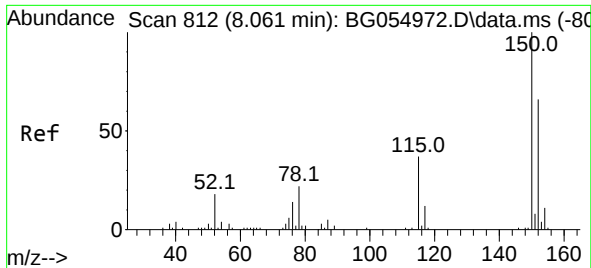
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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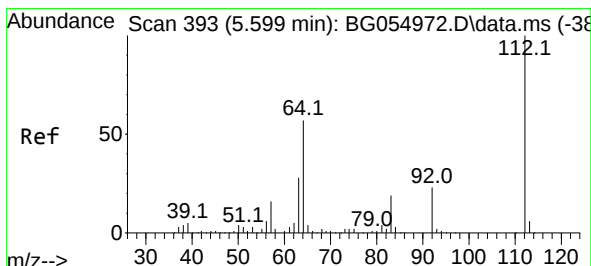
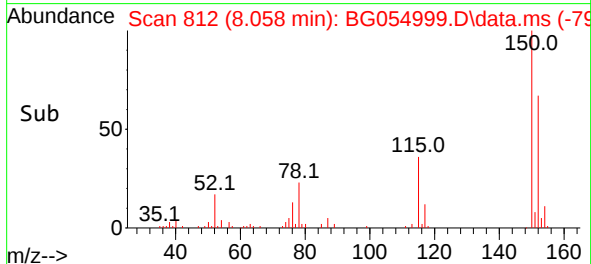
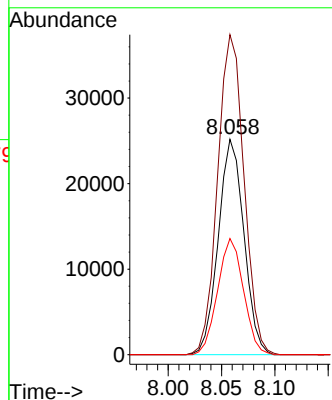
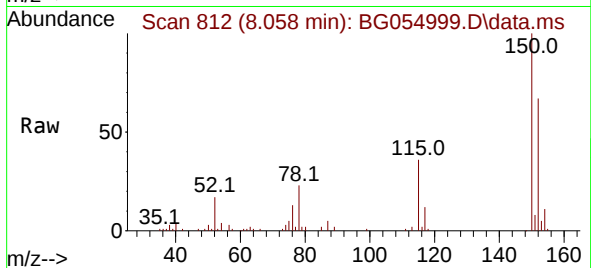




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

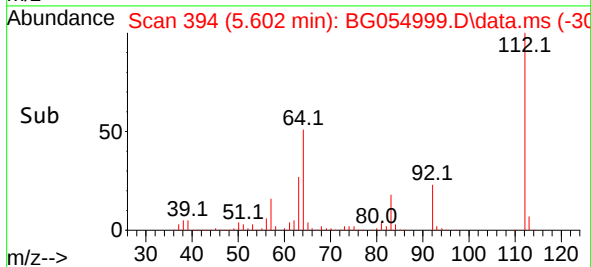
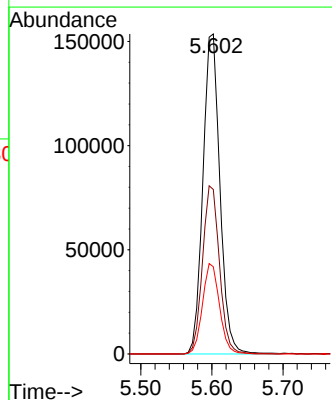
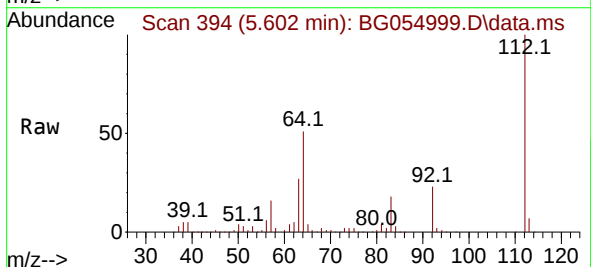
Instrument :
BNA_G
ClientSampleId :
SB-15-COMP

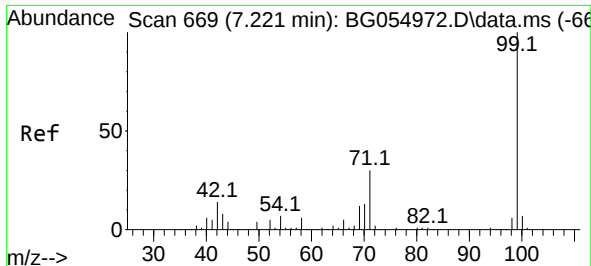
Tgt Ion:152 Resp: 42092
Ion Ratio Lower Upper
152 100
150 148.6 125.2 187.8
115 53.9 47.9 71.9



#5
2-Fluorophenol
Concen: 118.932 ng
RT: 5.602 min Scan# 394
Delta R.T. 0.003 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

Tgt Ion:112 Resp: 255845
Ion Ratio Lower Upper
112 100
64 51.4 49.3 73.9
63 27.3 26.3 39.5

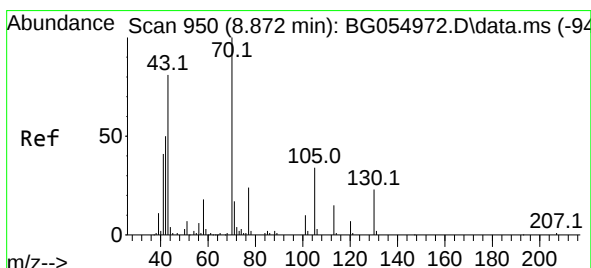
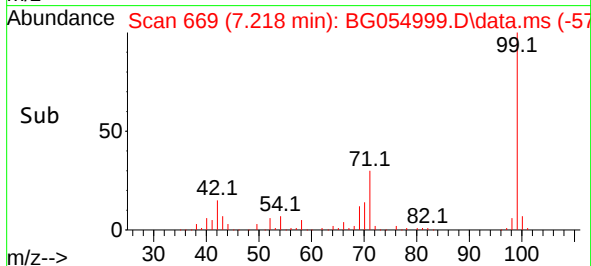
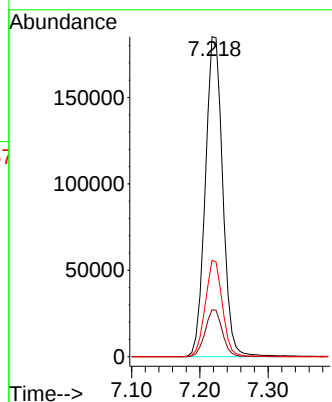
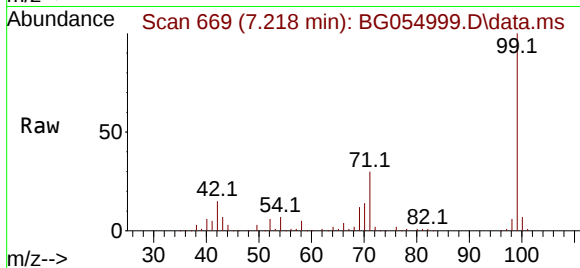




#7
Phenol-d6
Concen: 114.040 ng
RT: 7.218 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

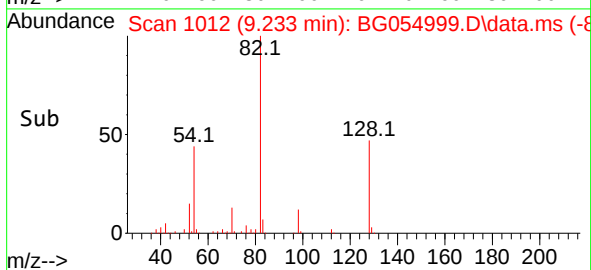
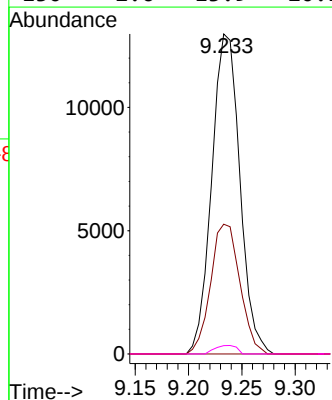
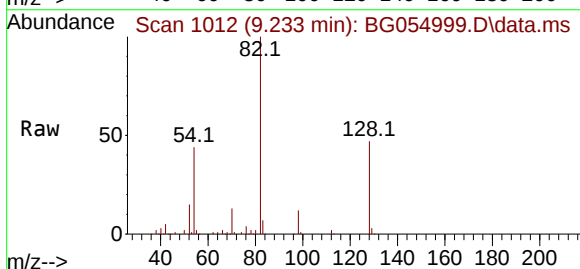
Instrument :
BNA_G
ClientSampleId :
SB-15-COMP

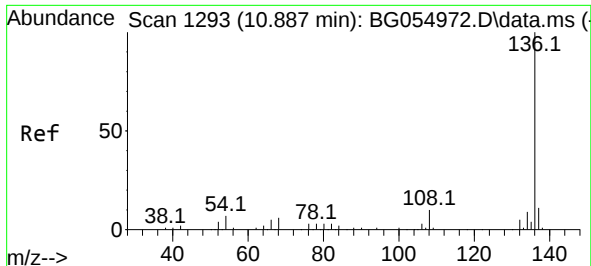
Tgt Ion: 99 Resp: 328822
Ion Ratio Lower Upper
99 100
42 14.6 14.6 22.0
71 30.1 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.974 ng
RT: 9.233 min Scan# 1012
Delta R.T. 0.361 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

Tgt Ion: 70 Resp: 23763
Ion Ratio Lower Upper
70 100
42 40.6 46.6 69.8#
101 0.0 7.7 11.5#
130 2.6 13.9 20.9#

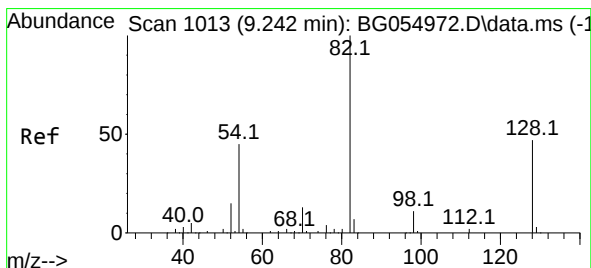
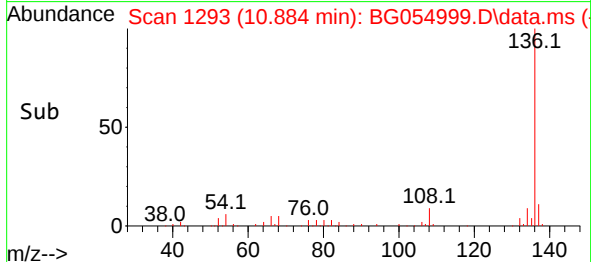
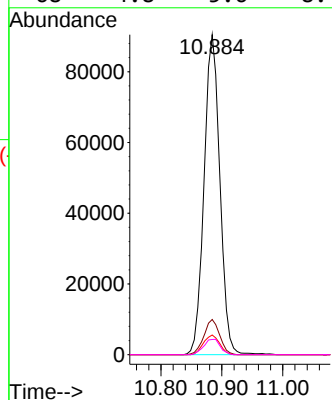
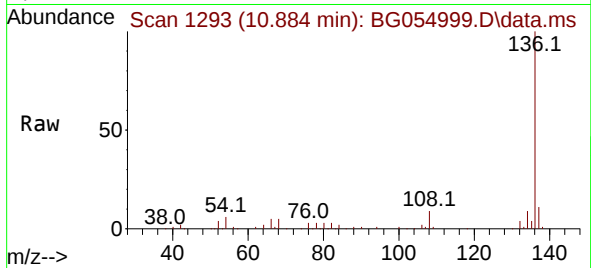




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.884 min Scan# 1012
Delta R.T. -0.003 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

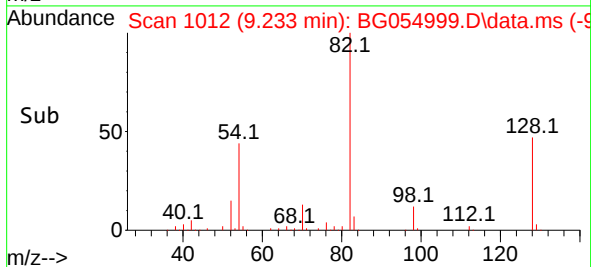
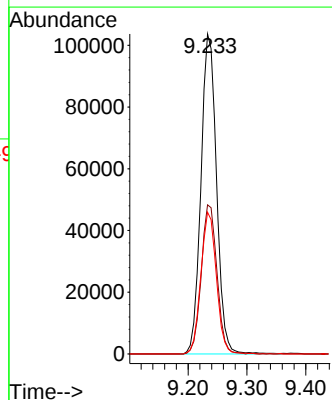
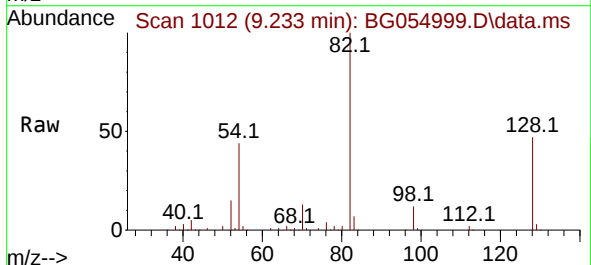
Instrument :
BNA_G
ClientSampleId :
SB-15-COMP

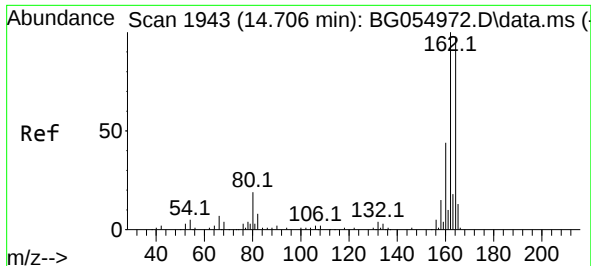
Tgt Ion:136 Resp: 163362
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.2 7.7 11.5#
68 4.8 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 67.696 ng
RT: 9.233 min Scan# 1012
Delta R.T. -0.009 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

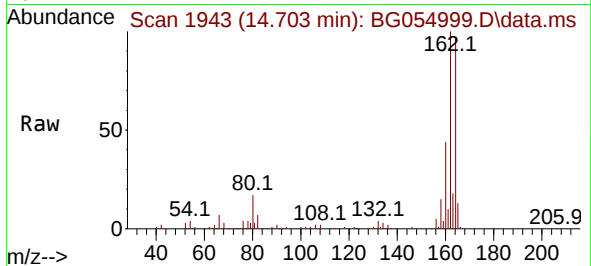
Tgt Ion: 82 Resp: 190796
Ion Ratio Lower Upper
82 100
128 46.6 32.2 48.2
54 44.3 41.4 62.0



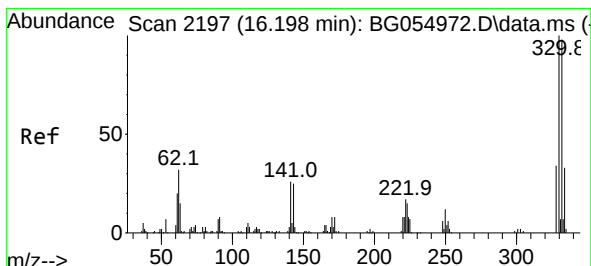
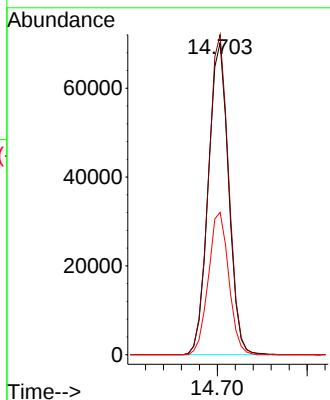
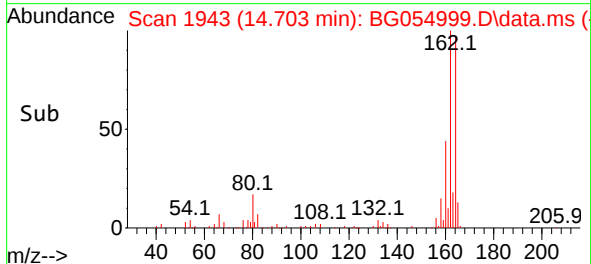


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1943
Delta R.T. -0.003 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

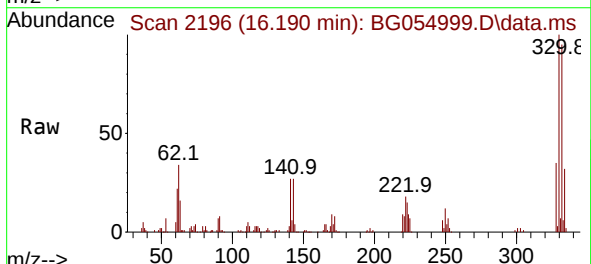
Instrument :
BNA_G
ClientSampleId :
SB-15-COMP



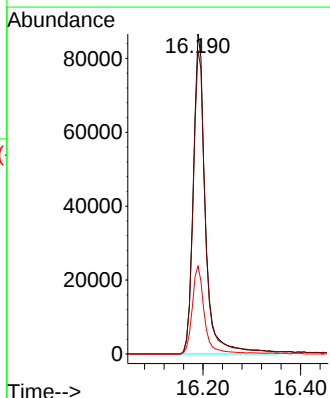
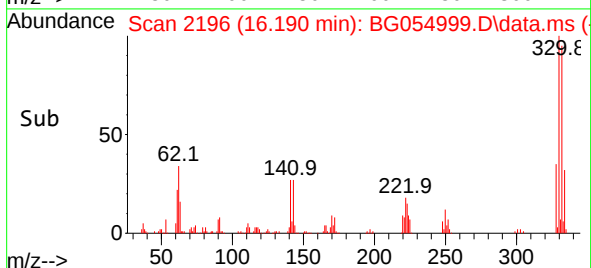
Tgt Ion:164 Resp: 109923
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.4
160 45.6 38.0 57.0

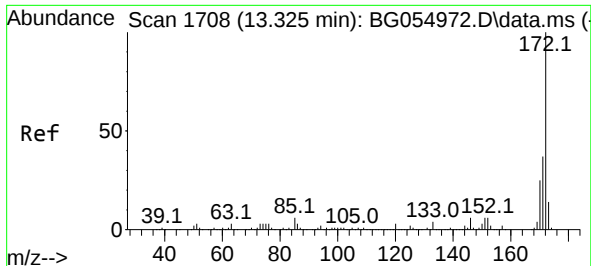


#42
2,4,6-Tribromophenol
Concen: 116.529 ng
RT: 16.190 min Scan# 2196
Delta R.T. -0.009 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41



Tgt Ion:330 Resp: 150059
Ion Ratio Lower Upper
330 100
332 97.5 79.8 119.6
141 27.4 26.8 40.2

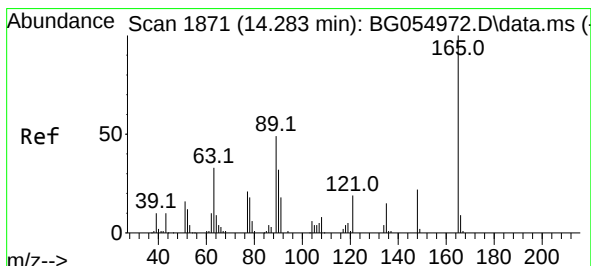
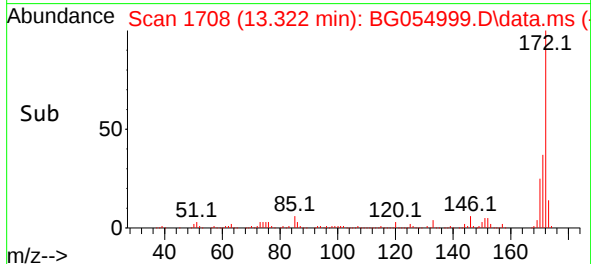
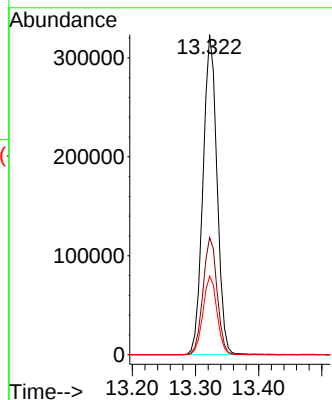
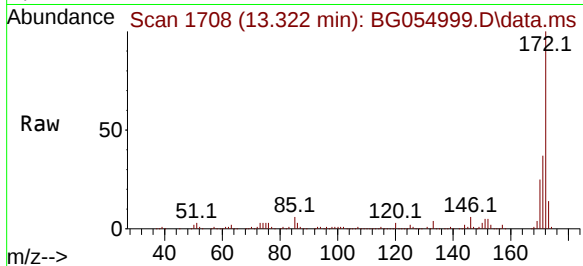




#45
2-Fluorobiphenyl
Concen: 71.799 ng
RT: 13.322 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

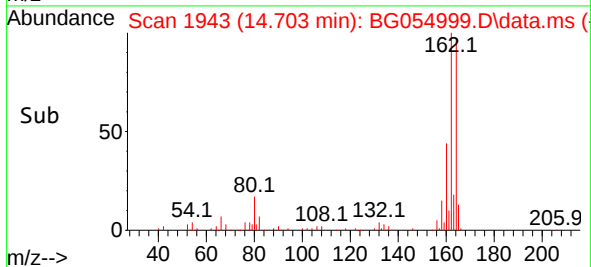
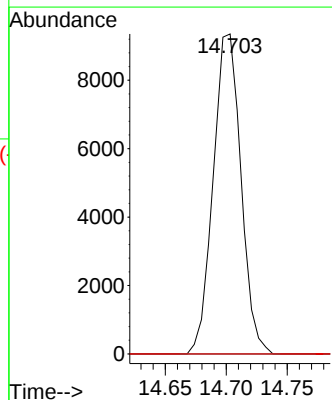
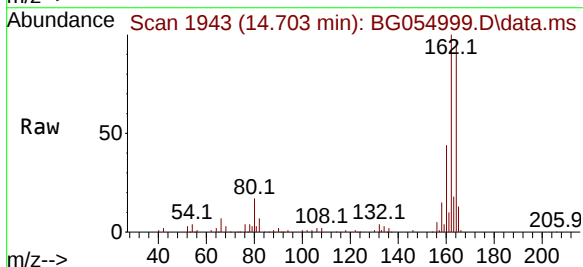
Instrument :
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ClientSampleId :
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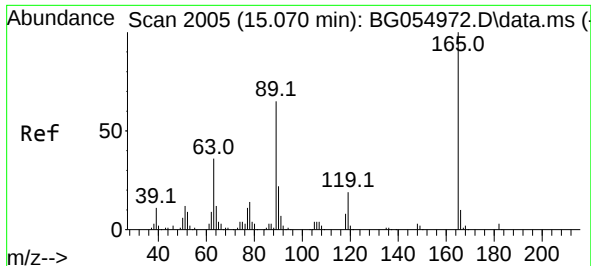
Tgt Ion:172 Resp: 500792
Ion Ratio Lower Upper
172 100
171 36.7 31.2 46.8
170 24.5 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.376 ng
RT: 14.703 min Scan# 1943
Delta R.T. 0.420 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

Tgt Ion:165 Resp: 14824
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: 5.889 ng

RT: 14.703 min Scan# 1943

Delta R.T. -0.367 min

Lab File: BG054999.D

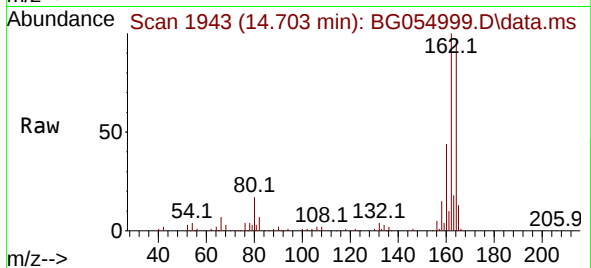
Acq: 21 Sep 2022 18:41

Instrument :

BNA_G

ClientSampleId :

SB-15-COMP



Tgt Ion:165 Resp: 14824

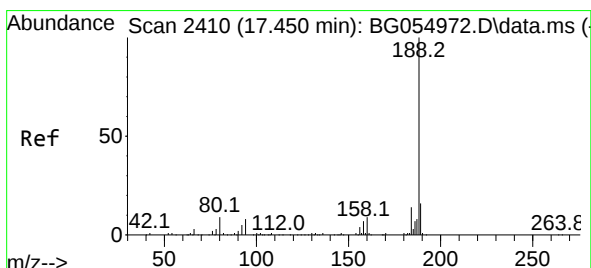
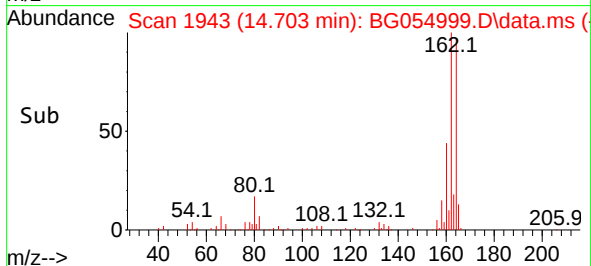
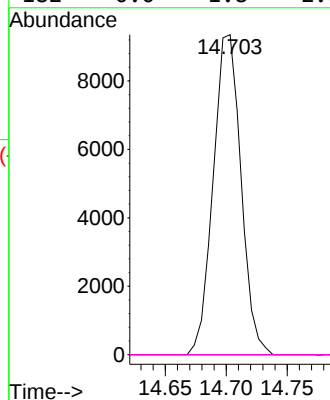
Ion Ratio Lower Upper

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: 17.447 min Scan# 2410

Delta R.T. -0.003 min

Lab File: BG054999.D

Acq: 21 Sep 2022 18:41

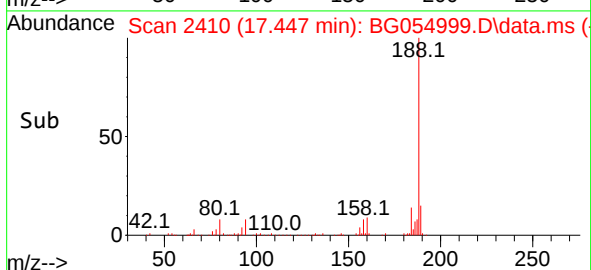
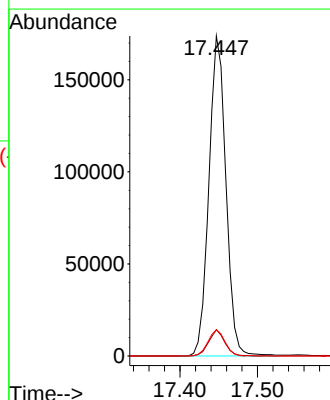
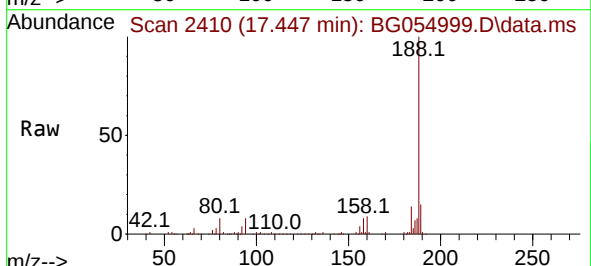
Tgt Ion:188 Resp: 264693

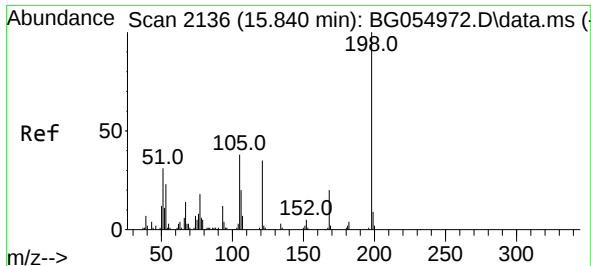
Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 8.2 7.9 11.9

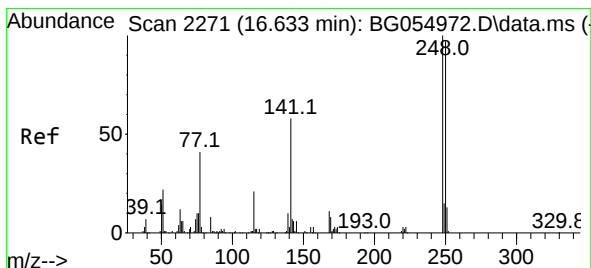
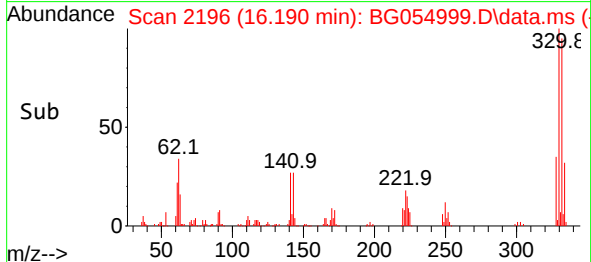
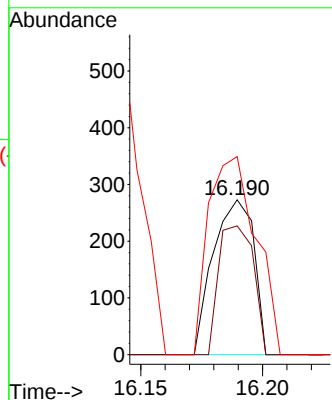
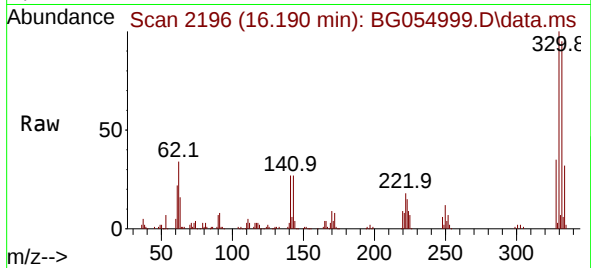




#65
4,6-Dinitro-2-methylphenol
Concen: 5.199 ng
RT: 16.190 min Scan# 2136
Delta R.T. 0.350 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

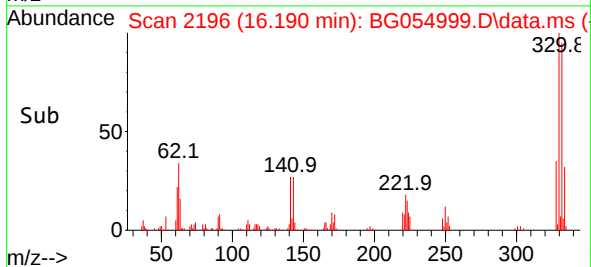
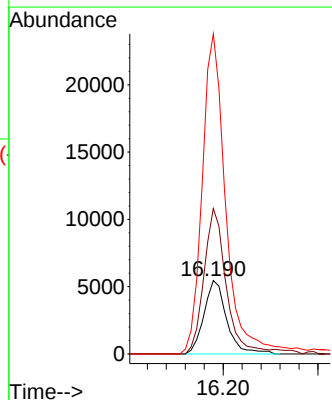
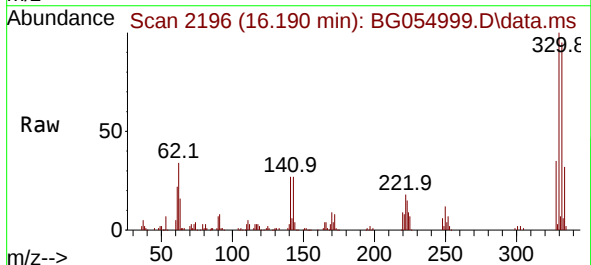
Instrument :
BNA_G
ClientSampleId :
SB-15-COMP

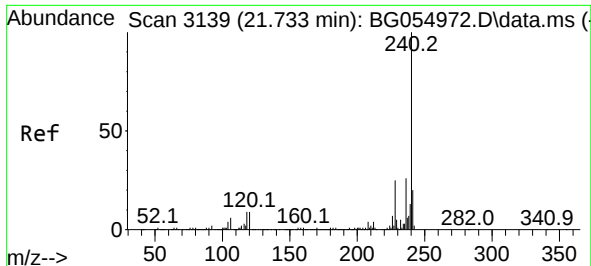
Tgt Ion:198 Resp: 316
Ion Ratio Lower Upper
198 100
51 83.2 19.9 59.9#
105 127.8 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.104 ng
RT: 16.190 min Scan# 2196
Delta R.T. -0.443 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

Tgt Ion:248 Resp: 9062
Ion Ratio Lower Upper
248 100
250 198.0 78.8 118.2#
141 435.7 51.9 77.9#

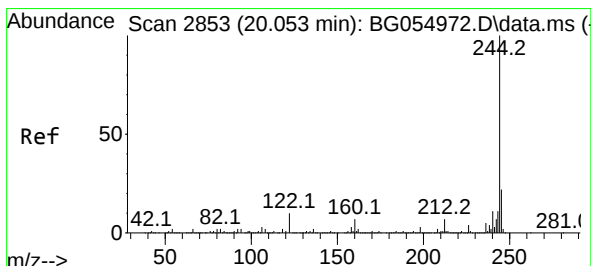
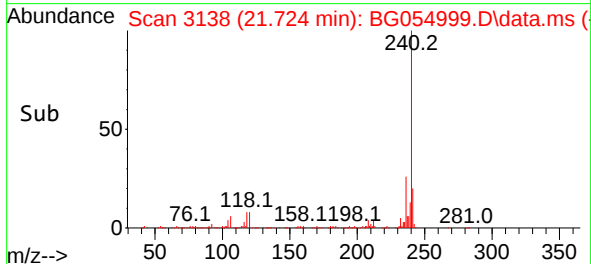
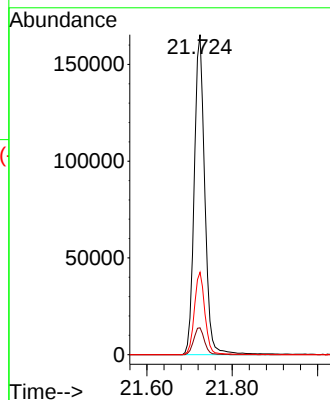
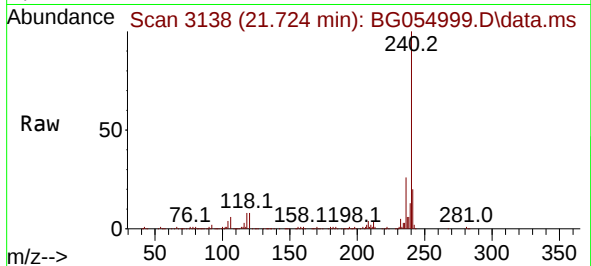




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

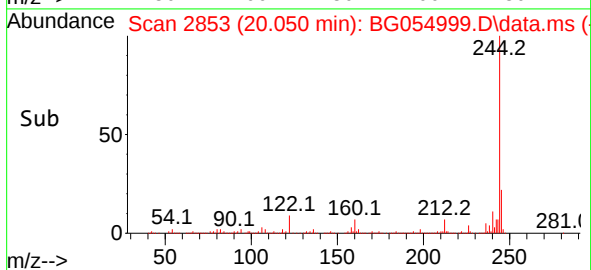
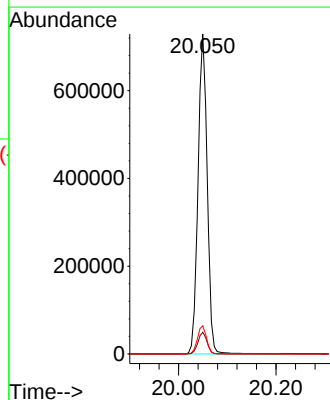
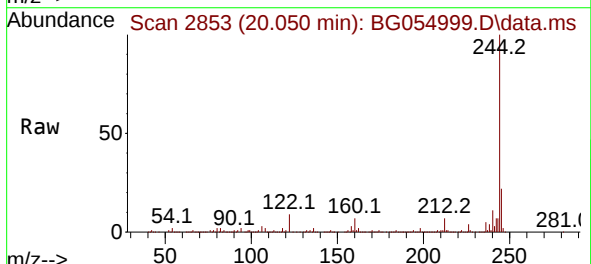
Instrument :
BNA_G
ClientSampleId :
SB-15-COMP

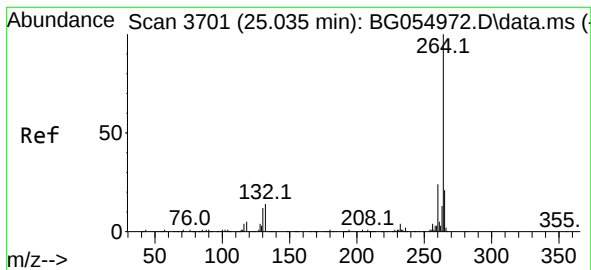
Tgt Ion:240 Resp: 284007
Ion Ratio Lower Upper
240 100
120 8.4 8.2 12.4
236 25.7 21.2 31.8



#79
Terphenyl-d14
Concen: 70.784 ng
RT: 20.050 min Scan# 2853
Delta R.T. -0.003 min
Lab File: BG054999.D
Acq: 21 Sep 2022 18:41

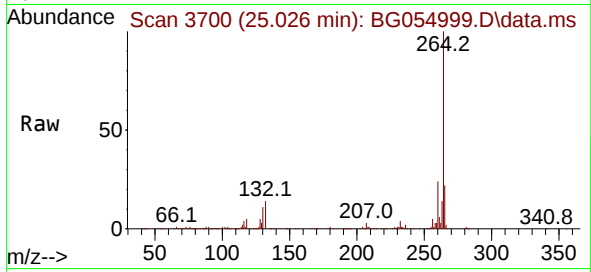
Tgt Ion:244 Resp: 961033
Ion Ratio Lower Upper
244 100
212 6.8 6.2 9.2
122 8.8 9.0 13.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.026 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG054999.D
 Acq: 21 Sep 2022 18:41

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-COMP



Tgt Ion:264 Resp: 296356

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	22.1	16.9	25.3

