

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG054995.D
 Acq On : 21 Sep 2022 15:52
 Operator : CG/JU
 Sample : N4723-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-13-COMP

Quant Time: Sep 22 04:40:49 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)

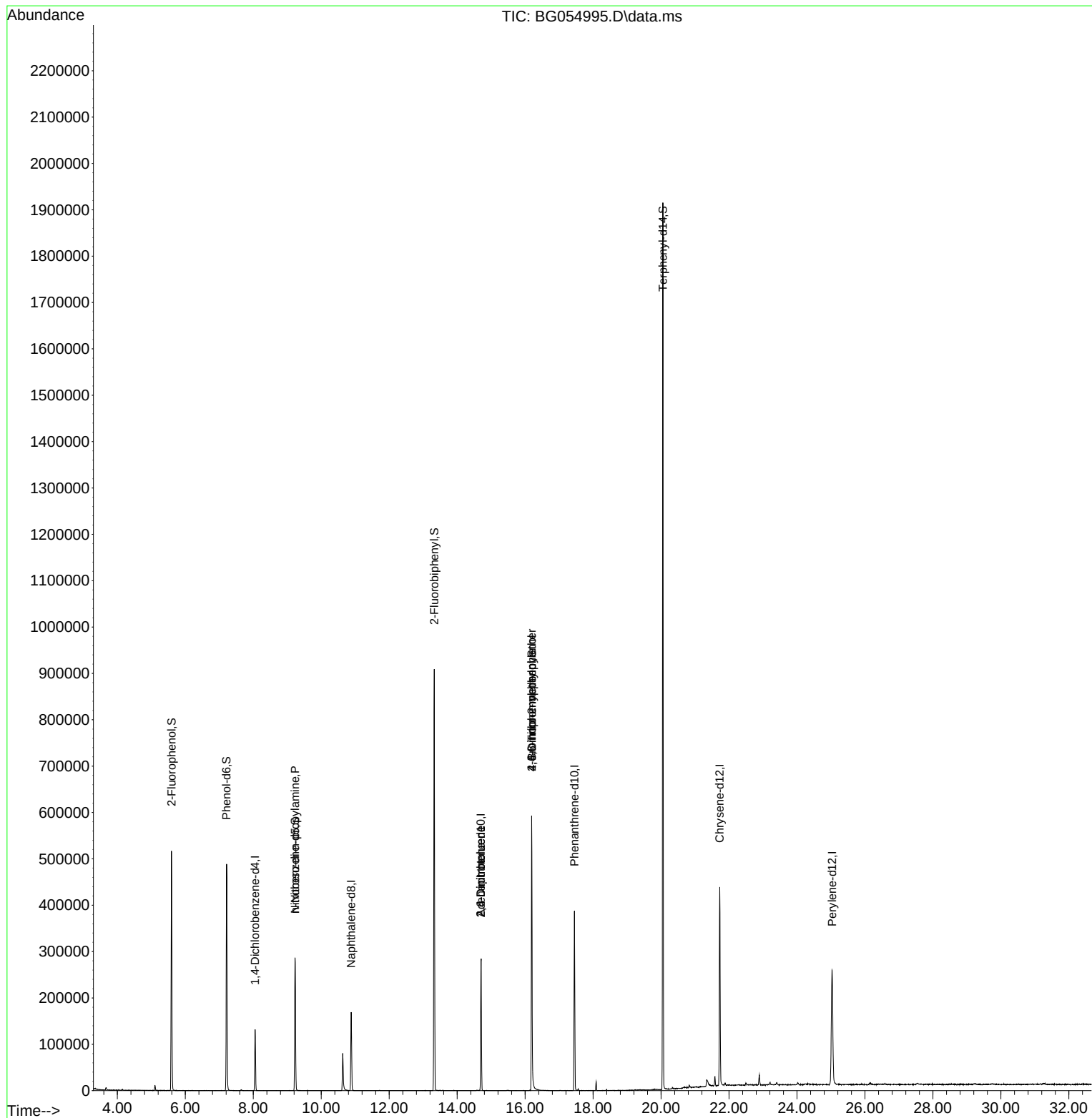
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.053	152	40982	20.000	ng	0.00
21) Naphthalene-d8	10.879	136	159542	20.000	ng	# 0.00
39) Acenaphthene-d10	14.698	164	108732	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	264708	20.000	ng	0.00
76) Chrysene-d12	21.725	240	282088	20.000	ng	0.00
86) Perylene-d12	25.033	264	296094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.591	112	258065	123.213	ng	0.00
7) Phenol-d6	7.213	99	325536	115.958	ng	0.00
23) Nitrobenzene-d5	9.228	82	186962	67.924	ng	-0.01
42) 2,4,6-Tribromophenol	16.191	330	148570	116.636	ng	0.00
45) 2-Fluorobiphenyl	13.324	172	502385	72.816	ng	0.00
79) Terphenyl-d14	20.051	244	972235	72.096	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.228	70	23244	12.029	ng	# 74
51) 2,6-Dinitrotoluene	14.698	165	14262	8.147	ng	# 20
57) 2,4-Dinitrotoluene	14.698	165	14262	5.728	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.191	198	236	5.146	ng	# 5
67) 4-Bromophenyl-phenylether	16.191	248	9102	3.118	ng	# 1

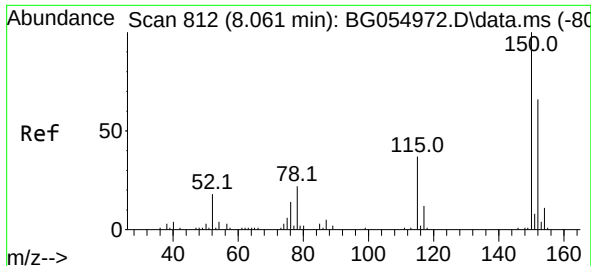
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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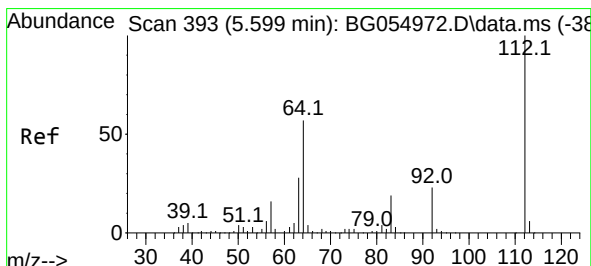
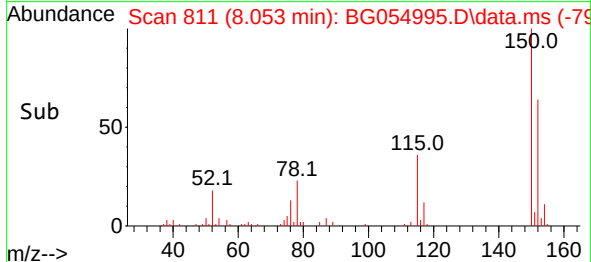
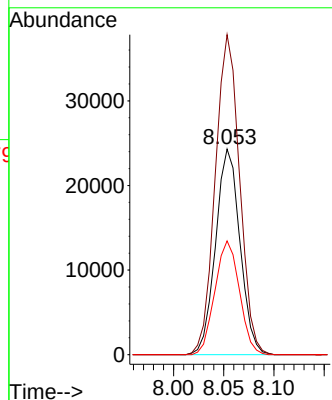
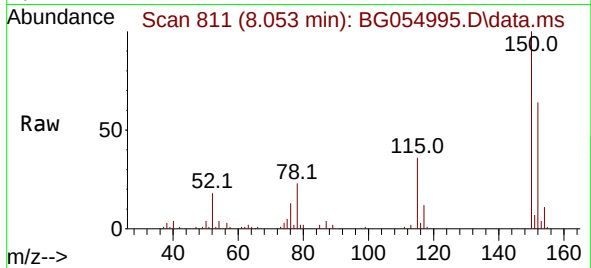




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.053 min Scan# 812
Delta R.T. -0.008 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

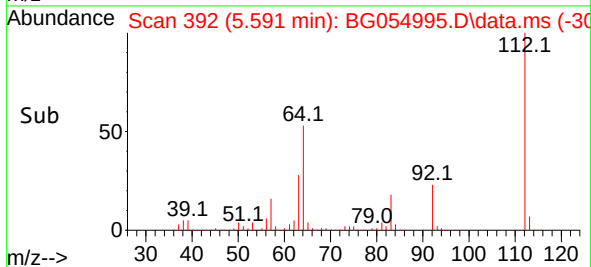
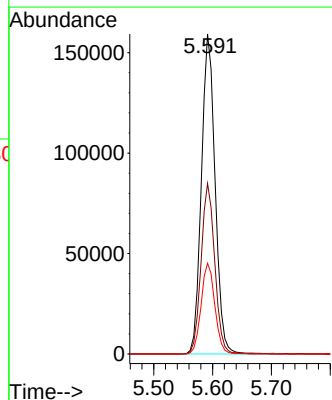
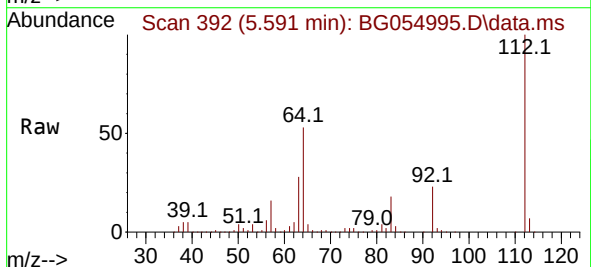
Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

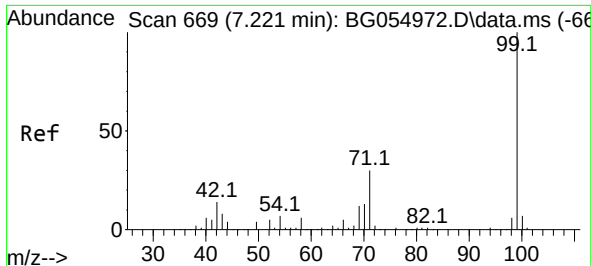
Tgt Ion:152 Resp: 40982
Ion Ratio Lower Upper
152 100
150 155.6 125.2 187.8
115 55.3 47.9 71.9



#5
2-Fluorophenol
Concen: 123.213 ng
RT: 5.591 min Scan# 392
Delta R.T. -0.007 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

Tgt Ion:112 Resp: 258065
Ion Ratio Lower Upper
112 100
64 53.3 49.3 73.9
63 28.4 26.3 39.5

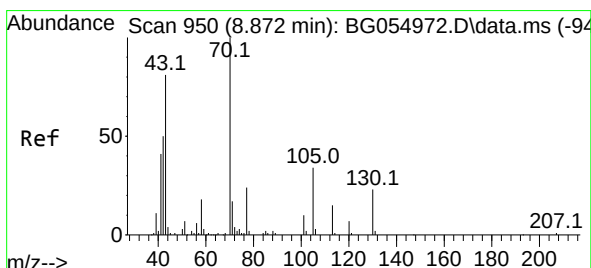
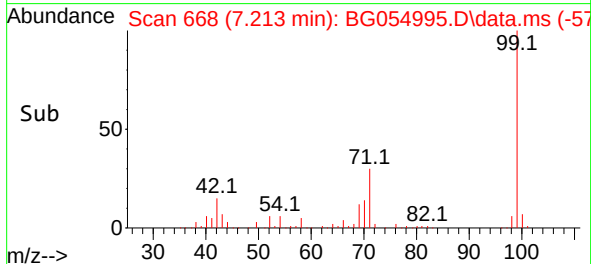
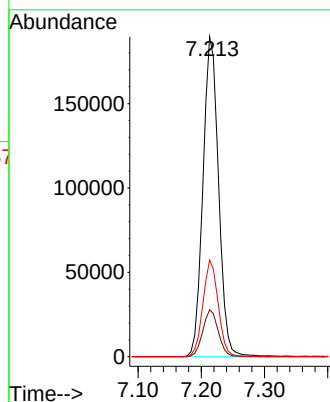
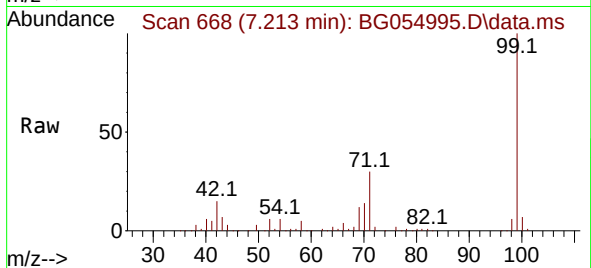




#7
Phenol-d6
Concen: 115.958 ng
RT: 7.213 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

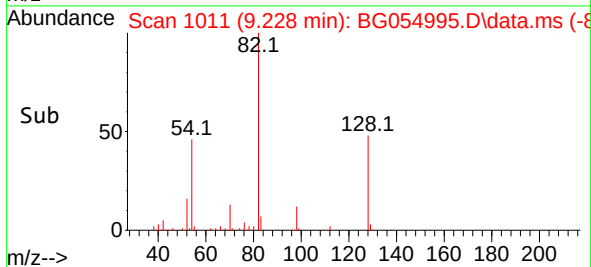
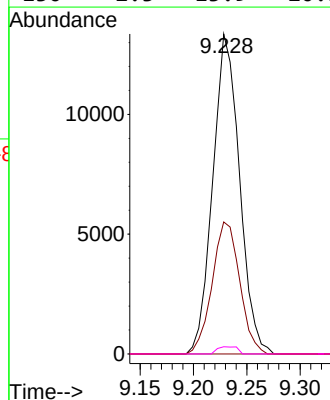
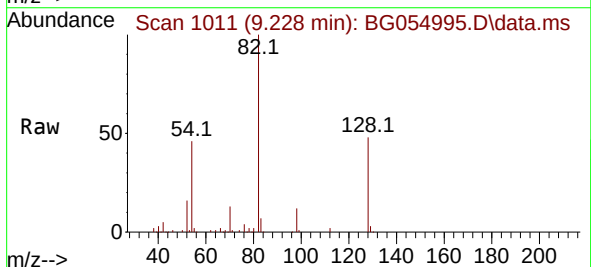
Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

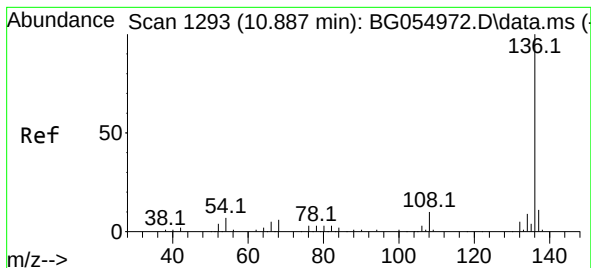
Tgt Ion: 99 Resp: 325536
Ion Ratio Lower Upper
99 100
42 14.7 14.6 22.0
71 30.2 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.029 ng
RT: 9.228 min Scan# 1011
Delta R.T. 0.357 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

Tgt Ion: 70 Resp: 23244
Ion Ratio Lower Upper
70 100
42 41.2 46.6 69.8#
101 0.0 7.7 11.5#
130 2.3 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.879 min Scan# 1011

Delta R.T. -0.007 min

Lab File: BG054995.D

Acq: 21 Sep 2022 15:52

Instrument :

BNA_G

ClientSampleId :

SB-13-COMP

Tgt Ion:136 Resp: 159542

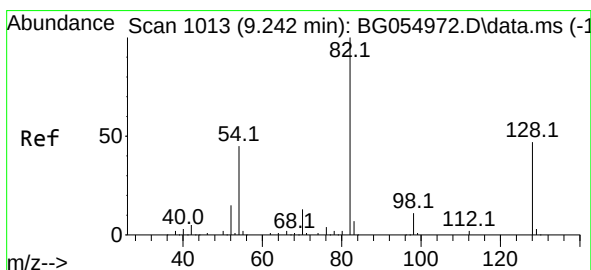
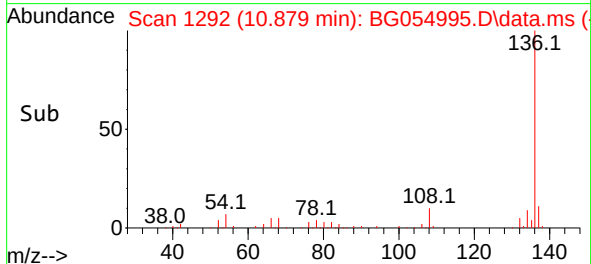
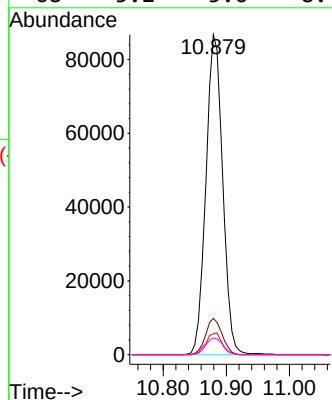
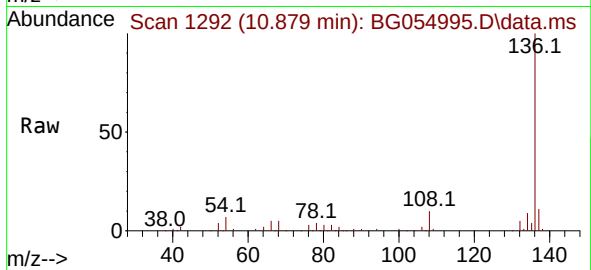
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 6.5 7.7 11.5#

68 5.2 5.6 8.4#



#23

Nitrobenzene-d5

Concen: 67.924 ng

RT: 9.228 min Scan# 1011

Delta R.T. -0.013 min

Lab File: BG054995.D

Acq: 21 Sep 2022 15:52

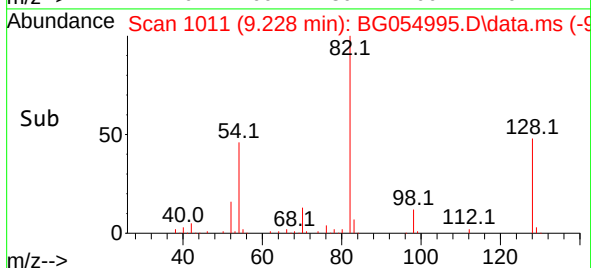
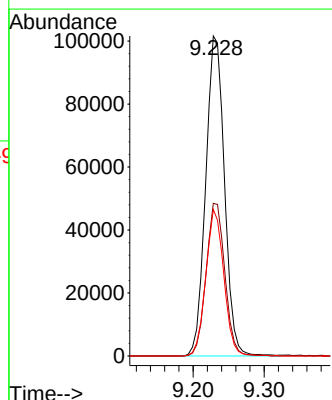
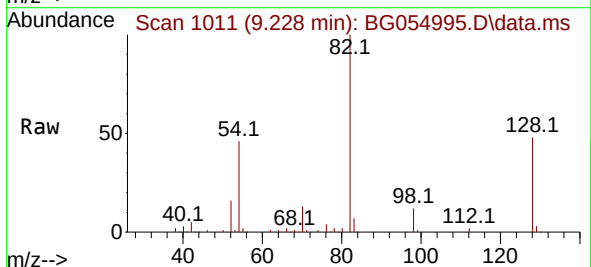
Tgt Ion: 82 Resp: 186962

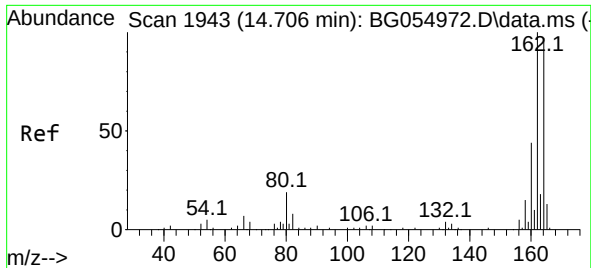
Ion Ratio Lower Upper

82 100

128 47.7 32.2 48.2

54 45.8 41.4 62.0

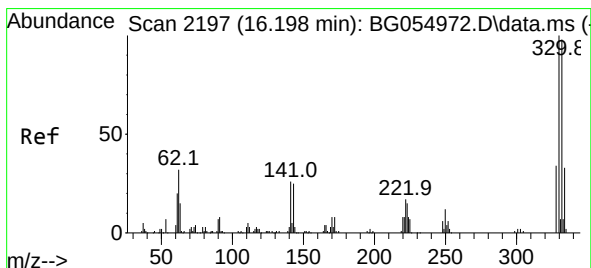
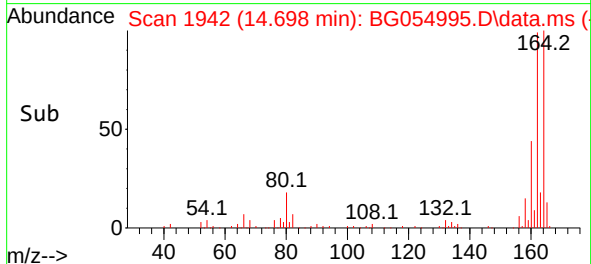
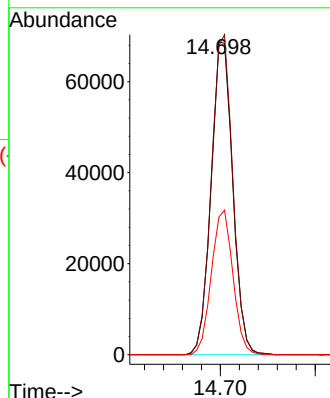
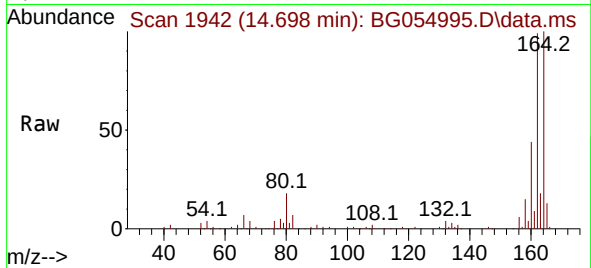




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1942
Delta R.T. -0.008 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

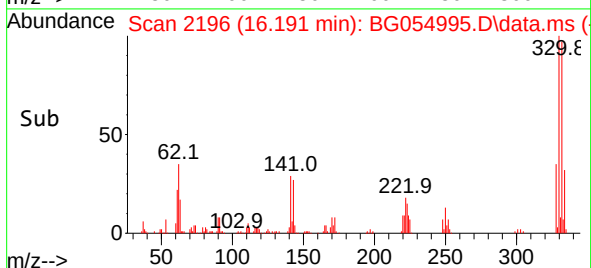
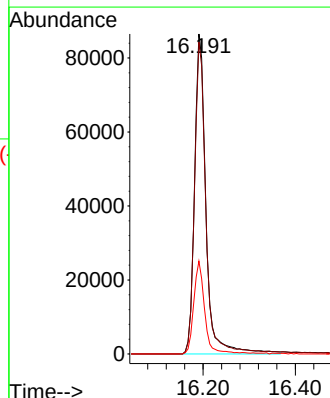
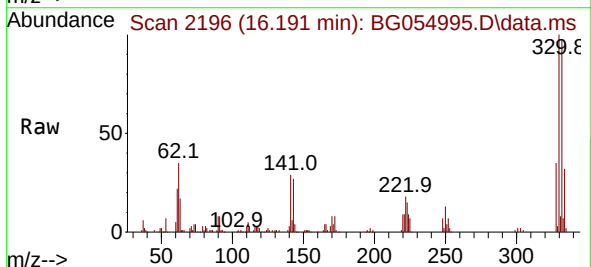
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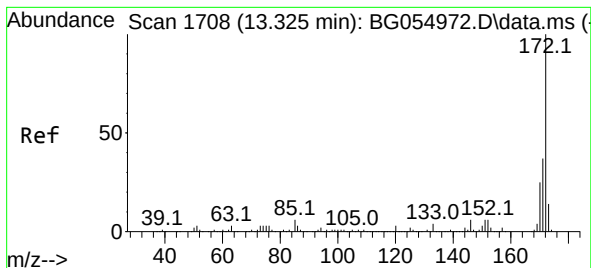
Tgt Ion:164 Resp: 108732
Ion Ratio Lower Upper
164 100
162 98.8 83.0 124.4
160 44.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 116.636 ng
RT: 16.191 min Scan# 2196
Delta R.T. -0.007 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

Tgt Ion:330 Resp: 148570
Ion Ratio Lower Upper
330 100
332 96.6 79.8 119.6
141 27.8 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 72.816 ng

RT: 13.324 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG054995.D

Acq: 21 Sep 2022 15:52

Instrument :

BNA_G

ClientSampleId :

SB-13-COMP

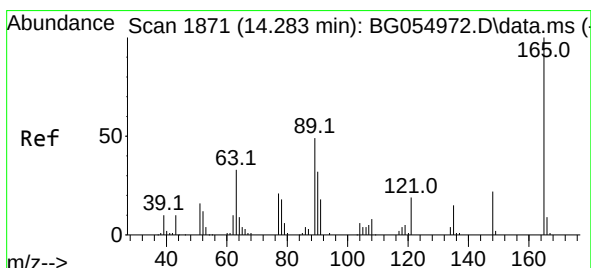
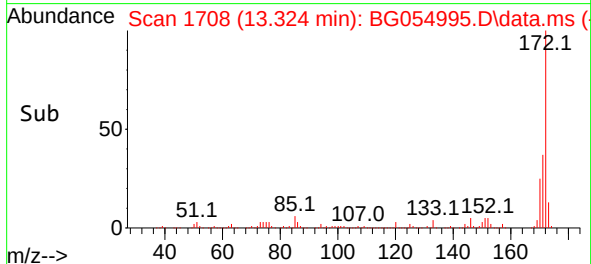
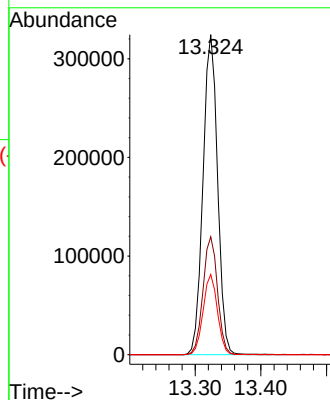
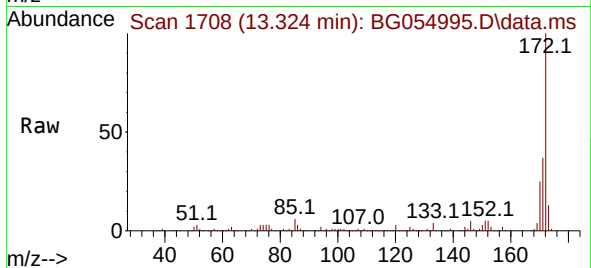
Tgt Ion:172 Resp: 502385

Ion Ratio Lower Upper

172 100

171 36.9 31.2 46.8

170 25.1 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 8.147 ng

RT: 14.698 min Scan# 1942

Delta R.T. 0.416 min

Lab File: BG054995.D

Acq: 21 Sep 2022 15:52

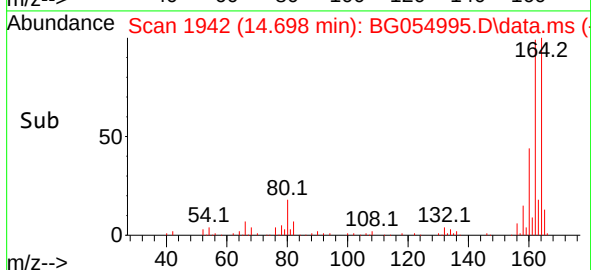
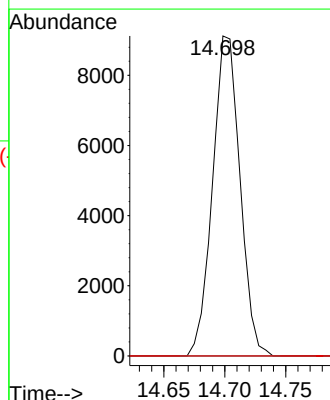
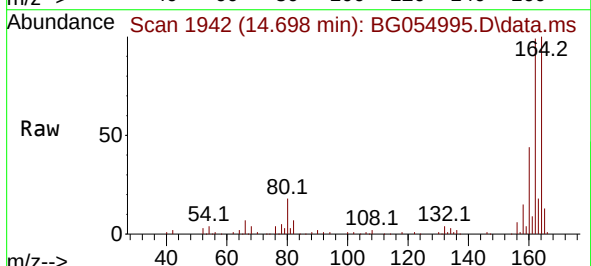
Tgt Ion:165 Resp: 14262

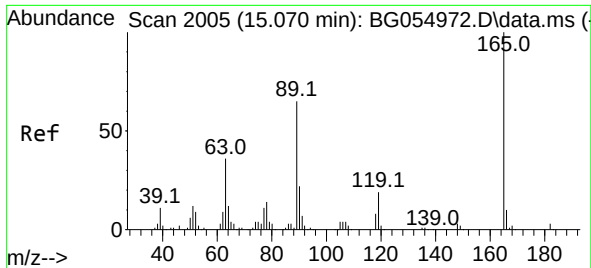
Ion Ratio Lower Upper

165 100

63 0.0 46.0 69.0#

89 0.0 50.3 75.5#

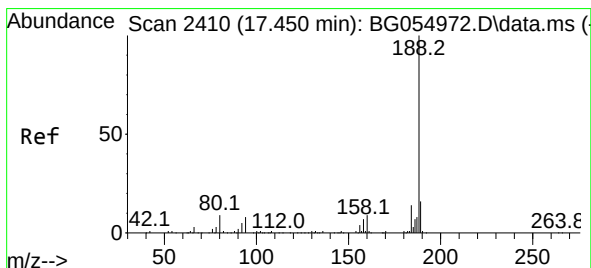
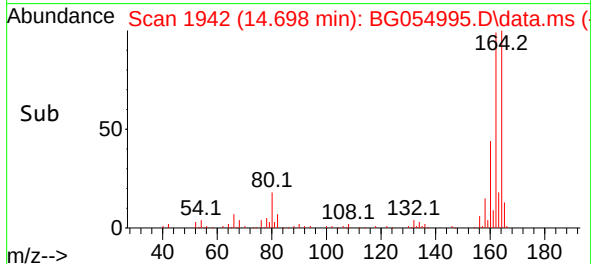
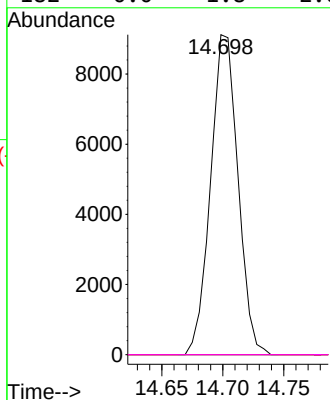
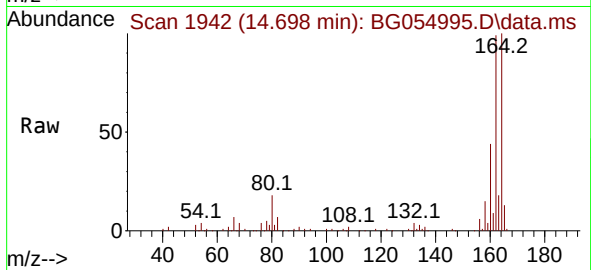




#57
2,4-Dinitrotoluene
Concen: 5.728 ng
RT: 14.698 min Scan# 1942
Delta R.T. -0.372 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

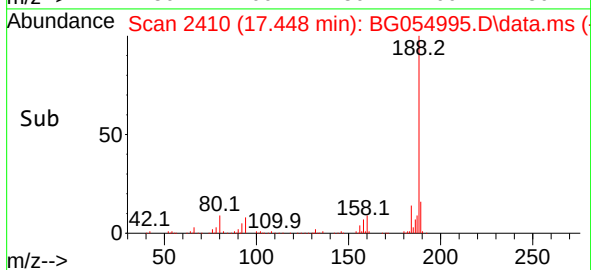
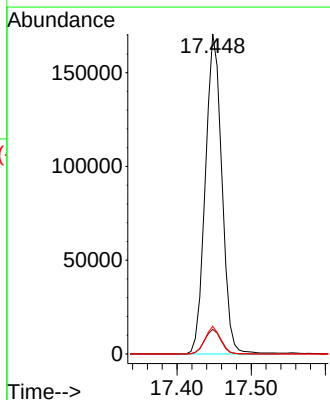
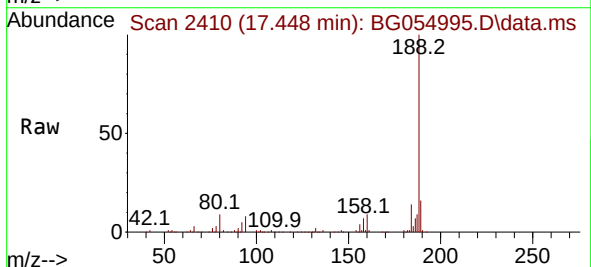
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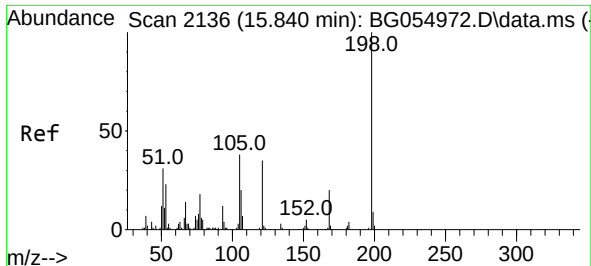
Tgt Ion:	165	Resp:	14262
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.8	55.2#
89	0.0	64.3	96.5#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.448 min Scan# 2410
Delta R.T. -0.002 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

Tgt Ion:	188	Resp:	264708
Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.0	10.4
80	8.7	7.9	11.9

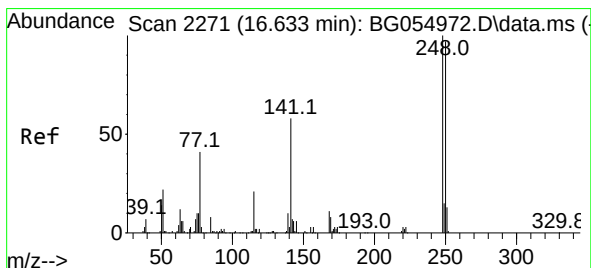
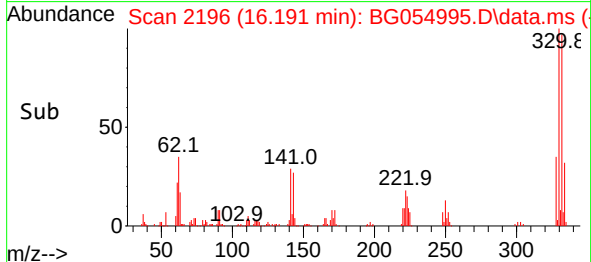
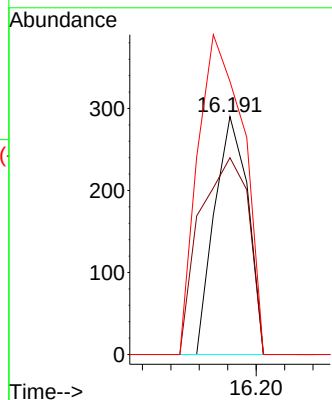
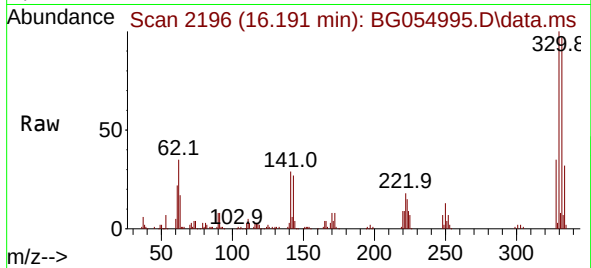




#65
4,6-Dinitro-2-methylphenol
Concen: 5.146 ng
RT: 16.191 min Scan# 2136
Delta R.T. 0.351 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

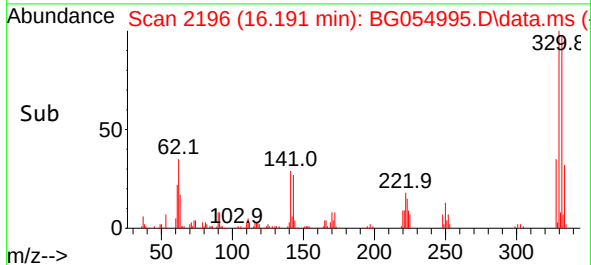
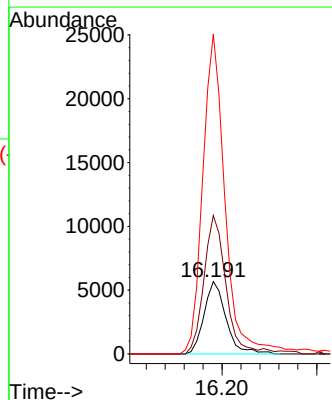
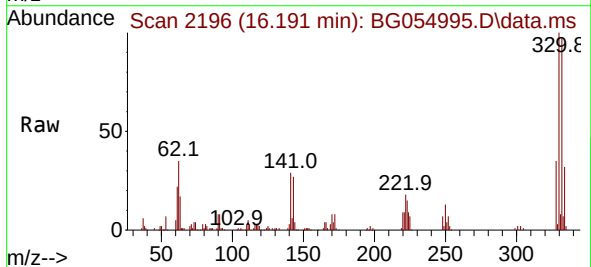
Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

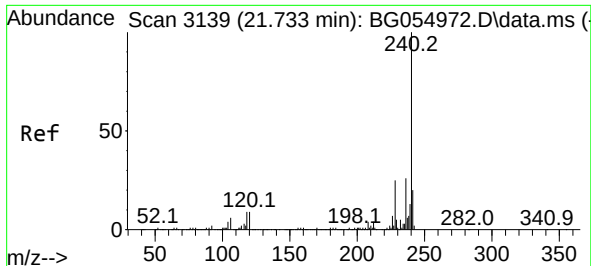
Tgt Ion:198 Resp: 236
Ion Ratio Lower Upper
198 100
51 82.8 19.9 59.9#
105 114.8 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.118 ng
RT: 16.191 min Scan# 2196
Delta R.T. -0.442 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

Tgt Ion:248 Resp: 9102
Ion Ratio Lower Upper
248 100
250 191.3 78.8 118.2#
141 442.5 51.9 77.9#

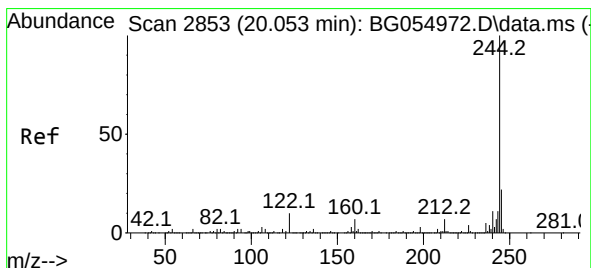
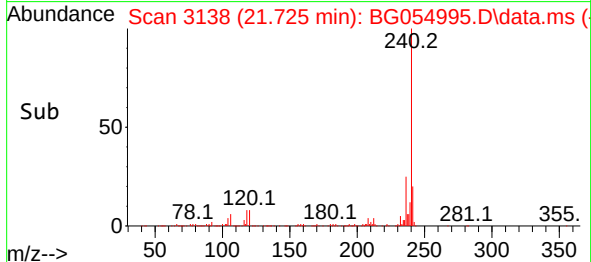
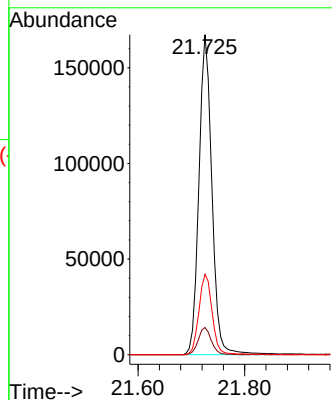
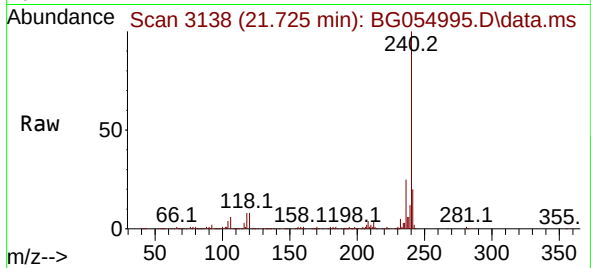




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

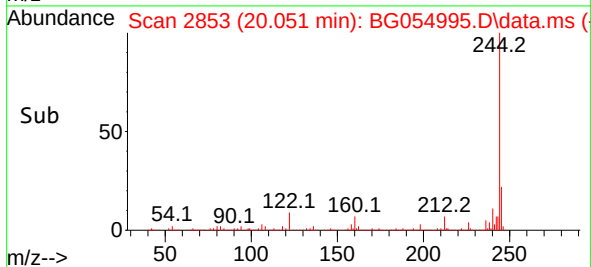
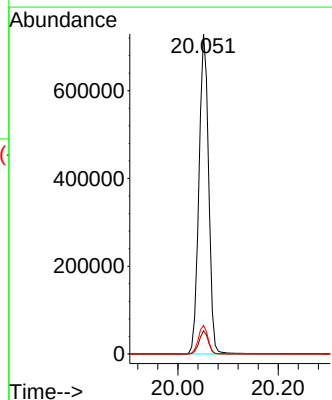
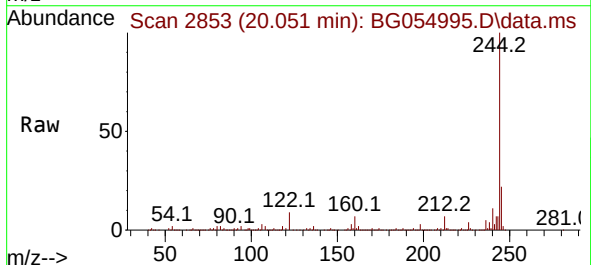
Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

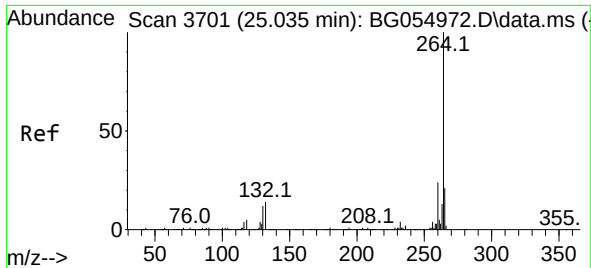
Tgt Ion:240 Resp: 282088
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.4
236 25.1 21.2 31.8



#79
Terphenyl-d14
Concen: 72.096 ng
RT: 20.051 min Scan# 2853
Delta R.T. -0.002 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

Tgt Ion:244 Resp: 972235
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.2
122 8.9 9.0 13.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.033 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG054995.D
Acq: 21 Sep 2022 15:52

Instrument :
BNA_G
ClientSampleId :
SB-13-COMP

Tgt Ion:264 Resp: 296094

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.9	29.9
265	21.6	16.9	25.3

