

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053618.D
 Acq On : 19 May 2022 00:39
 Operator : CG/JU
 Sample : N2882-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLP-2

Quant Time: May 19 05:13:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

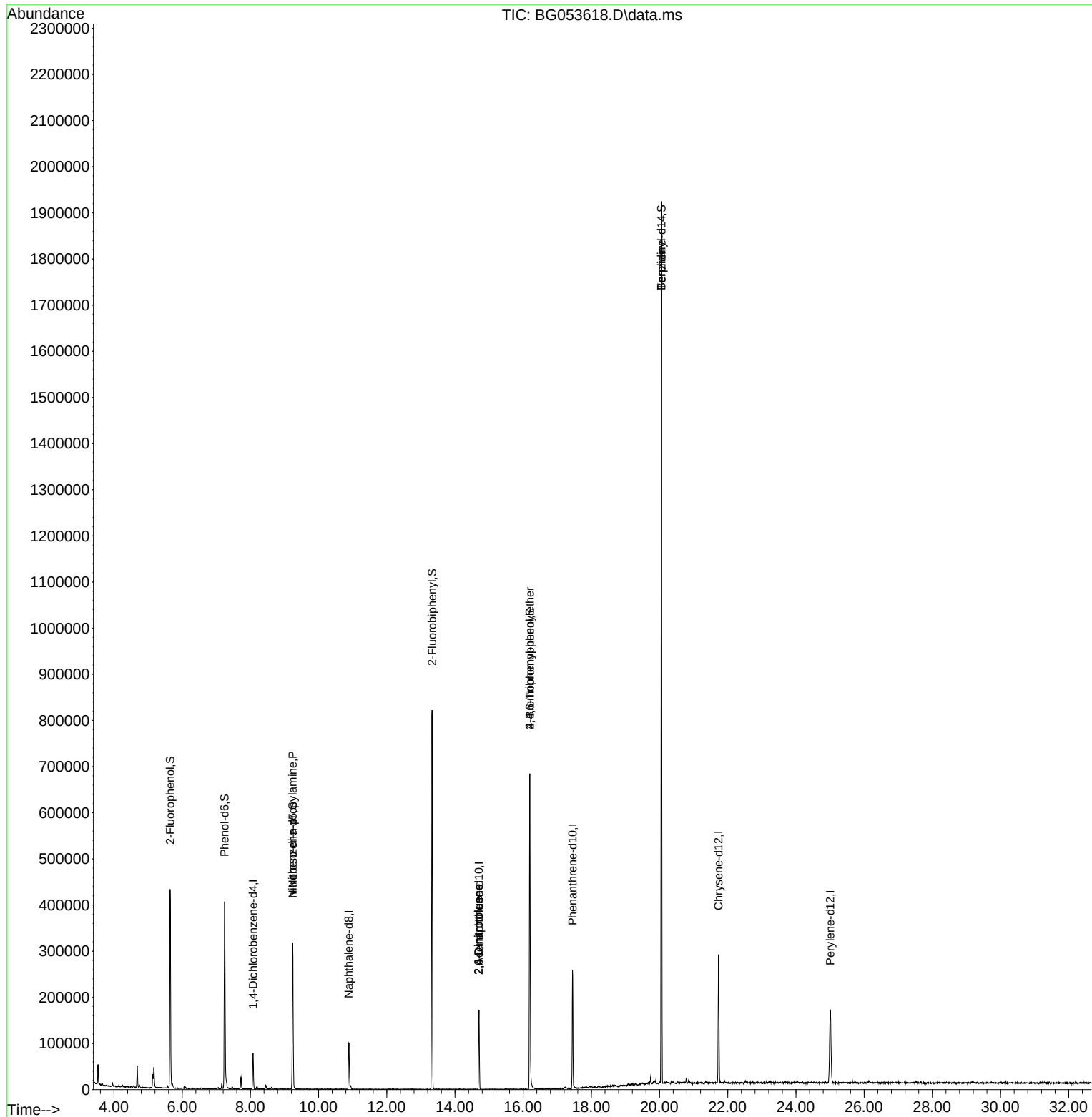
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	21148	20.000	ng	-0.01
21) Naphthalene-d8	10.886	136	84698	20.000	ng	#-0.01
39) Acenaphthene-d10	14.704	164	64545	20.000	ng	-0.01
64) Phenanthrene-d10	17.448	188	165414	20.000	ng	-0.01
76) Chrysene-d12	21.730	240	181546	20.000	ng	-0.01
86) Perylene-d12	25.008	264	186273	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	177306	142.289	ng	0.00
7) Phenol-d6	7.244	99	239628	126.710	ng	0.00
23) Nitrobenzene-d5	9.241	82	199955	100.496	ng	-0.01
42) 2,4,6-Tribromophenol	16.196	330	150510	158.105	ng	0.00
45) 2-Fluorobiphenyl	13.330	172	433218	98.079	ng	0.00
79) Terphenyl-d14	20.056	244	931002	95.511	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.241	70	27648	20.376	ng	# 75
51) 2,6-Dinitrotoluene	14.698	165	8717	8.723	ng	# 16
57) 2,4-Dinitrotoluene	14.698	165	8717	6.018	ng	# 21
67) 4-Bromophenyl-phenylether	16.196	248	9146	4.734	ng	# 1
77) Benzidine	20.056	184	16536	4.226	ng	# 93

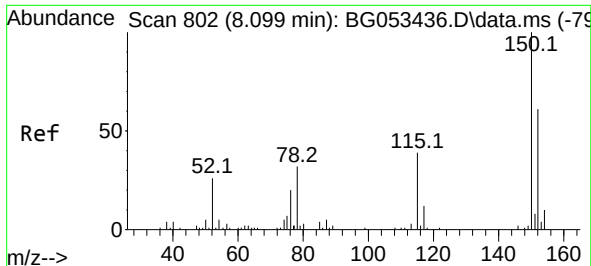
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
Data File : BG053618.D
Acq On : 19 May 2022 00:39
Operator : CG/JU
Sample : N2882-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: May 19 05:13:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

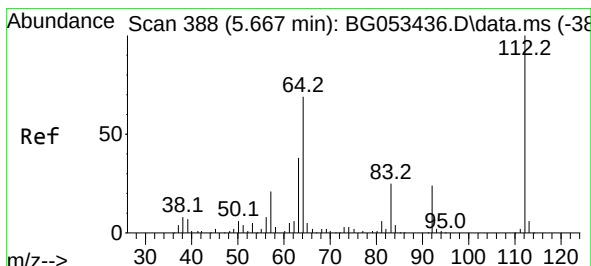
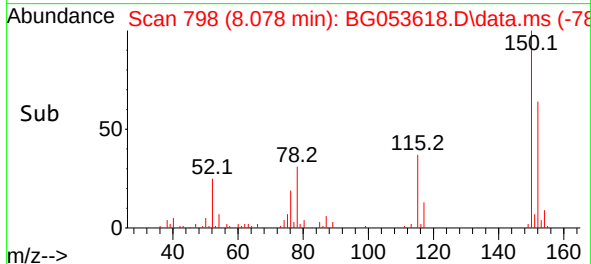
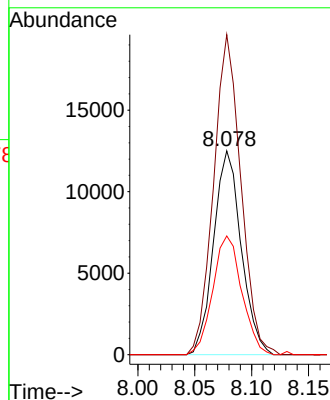
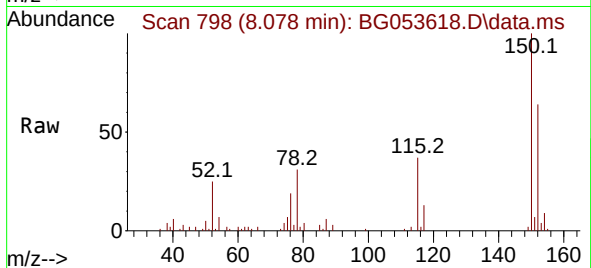




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.078 min Scan# 79
Delta R.T. -0.011 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

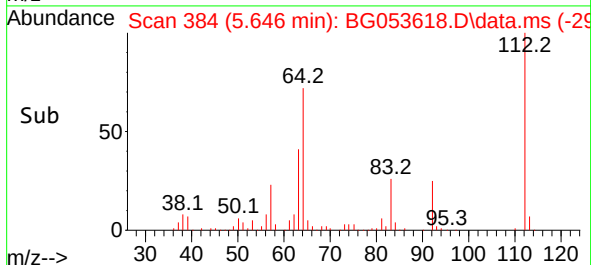
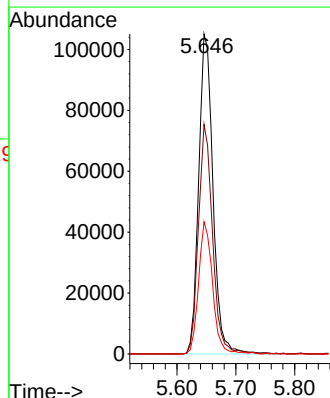
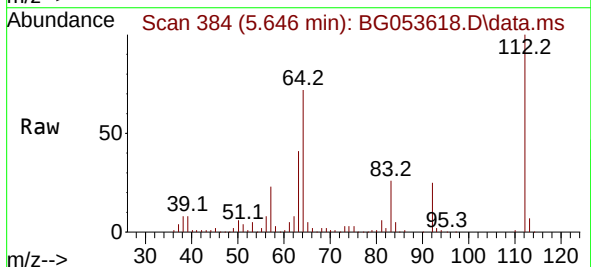
Instrument :
BNA_G
ClientSampleId :
SLP-2

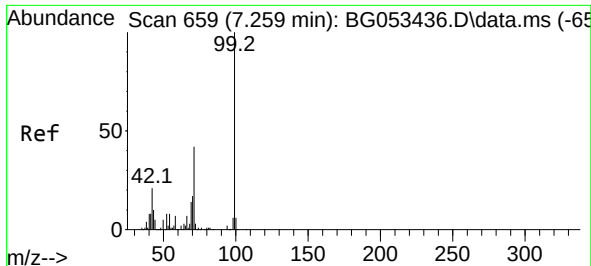
Tgt Ion:152 Resp: 21148
Ion Ratio Lower Upper
152 100
150 157.0 131.6 197.4
115 58.3 50.9 76.3



#5
2-Fluorophenol
Concen: 142.289 ng
RT: 5.646 min Scan# 384
Delta R.T. -0.006 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

Tgt Ion:112 Resp: 177306
Ion Ratio Lower Upper
112 100
64 71.7 55.1 82.7
63 41.3 30.4 45.6

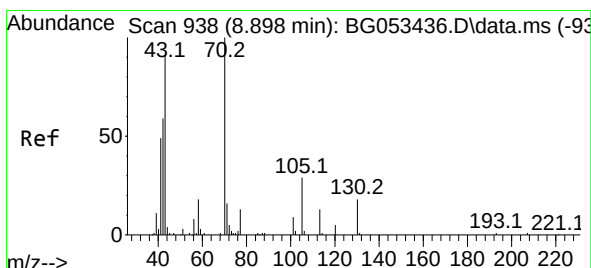
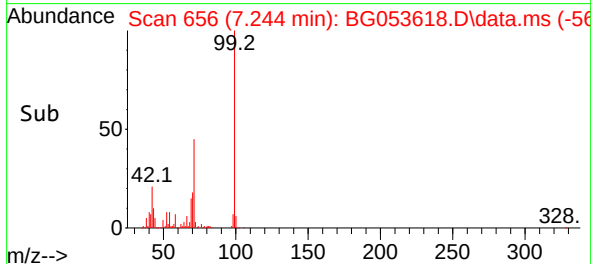
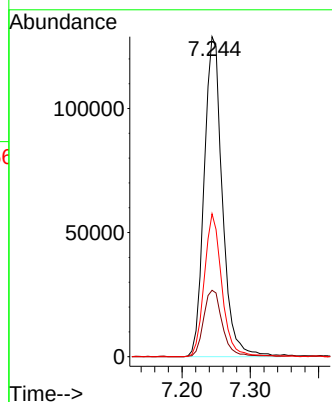
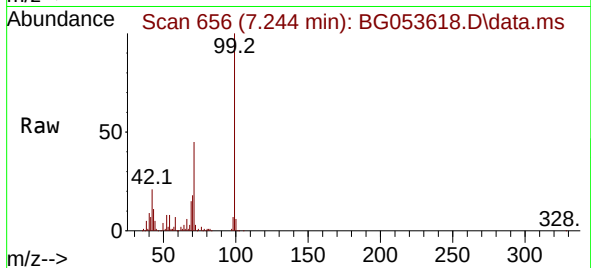




#7
Phenol-d6
Concen: 126.710 ng
RT: 7.244 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

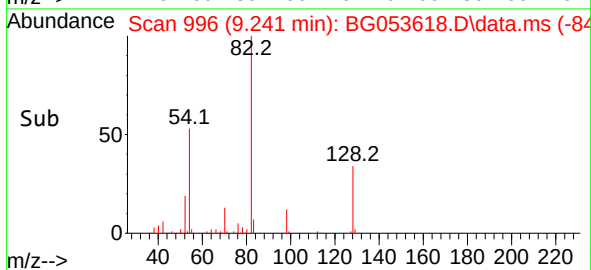
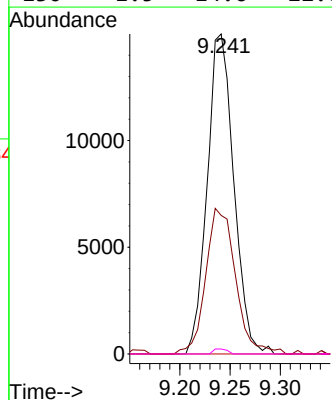
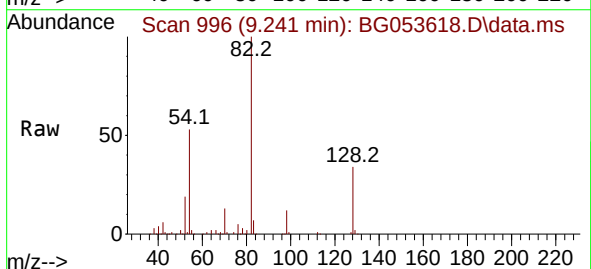
Instrument :
BNA_G
ClientSampleId :
SLP-2

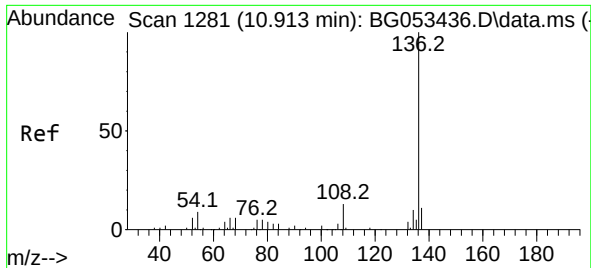
Tgt Ion: 99 Resp: 239628
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 44.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.376 ng
RT: 9.241 min Scan# 996
Delta R.T. 0.353 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

Tgt Ion: 70 Resp: 27648
Ion Ratio Lower Upper
70 100
42 43.3 47.3 70.9#
101 0.0 7.0 10.4#
130 1.5 14.6 22.0#

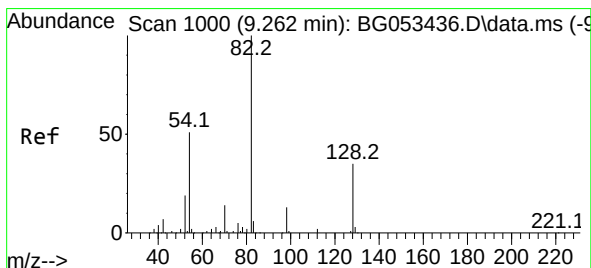
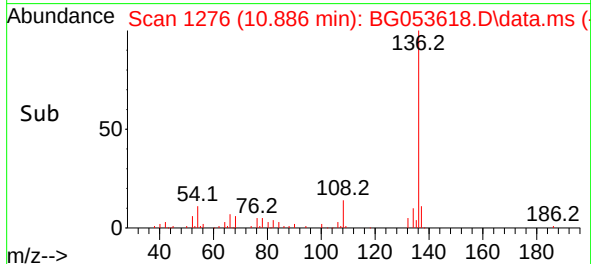
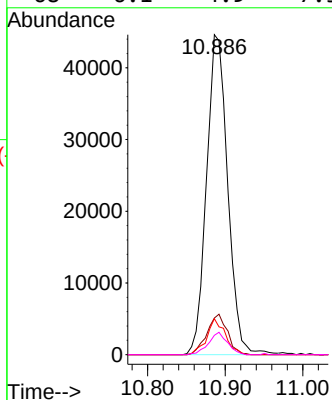
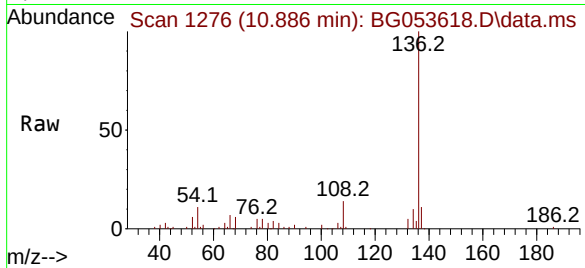




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.886 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

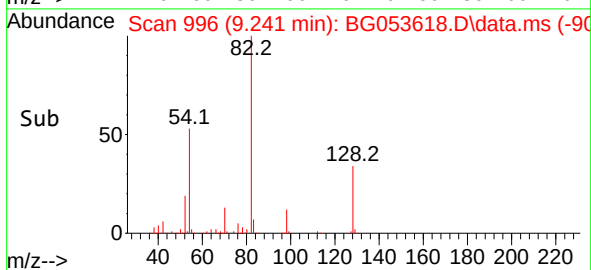
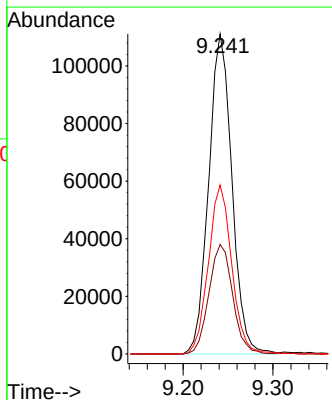
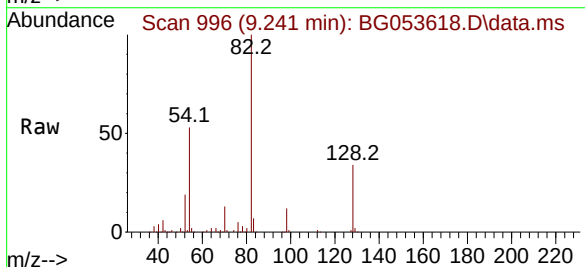
Instrument :
BNA_G
ClientSampleId :
SLP-2

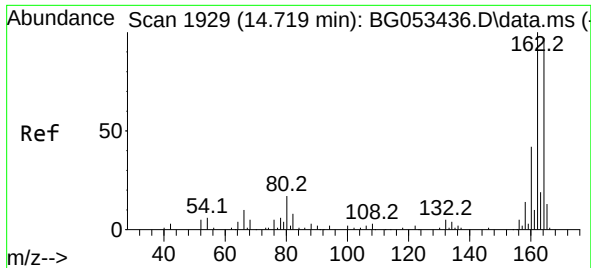
Tgt Ion:	136	Resp:	84698
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	11.3	7.4	11.2#
68	6.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 100.496 ng
RT: 9.241 min Scan# 996
Delta R.T. -0.011 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

Tgt Ion:	82	Resp:	199955
Ion	Ratio	Lower	Upper
82	100		
128	34.2	27.9	41.9
54	52.8	41.2	61.8

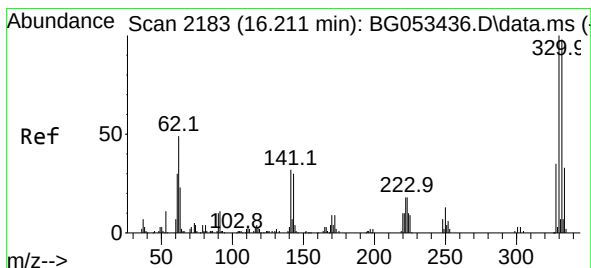
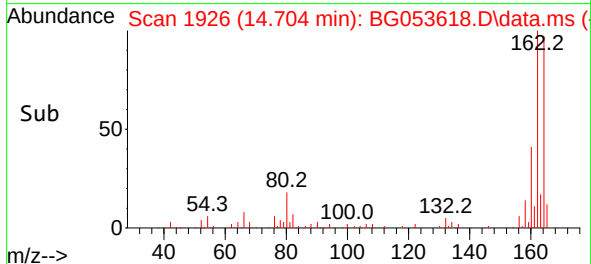
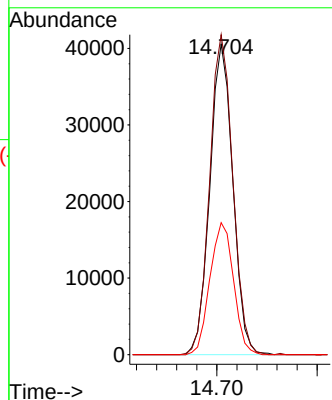
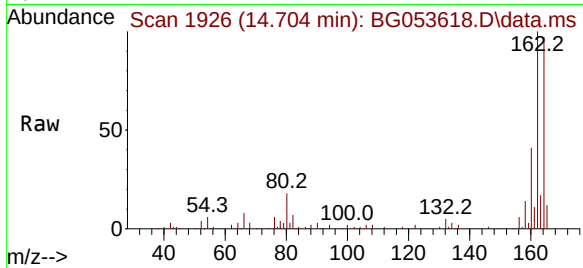




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1926
Delta R.T. -0.011 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

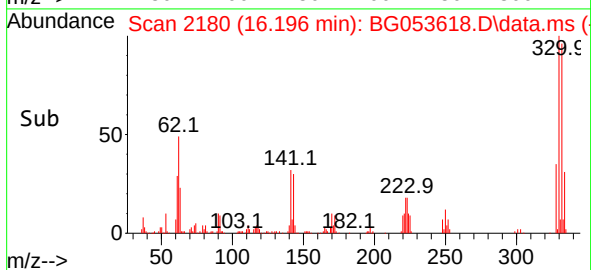
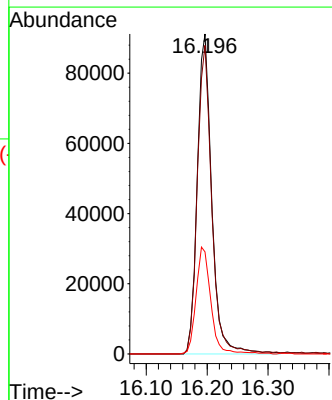
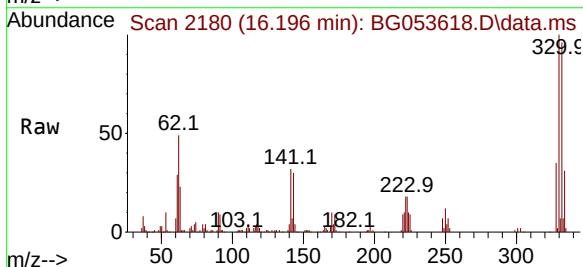
Instrument :
BNA_G
ClientSampleId :
SLP-2

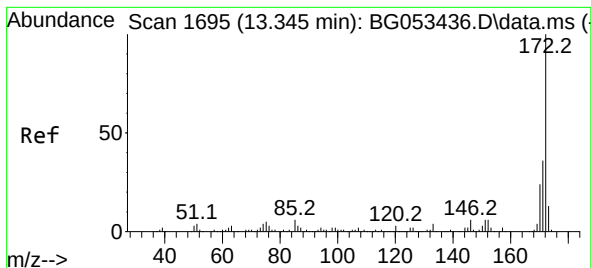
Tgt Ion:164 Resp: 64545
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 42.5 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 158.105 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

Tgt Ion:330 Resp: 150510
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 34.1 27.1 40.7

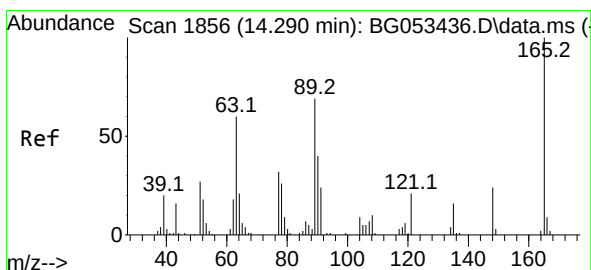
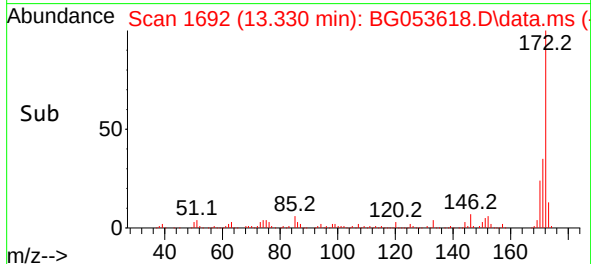
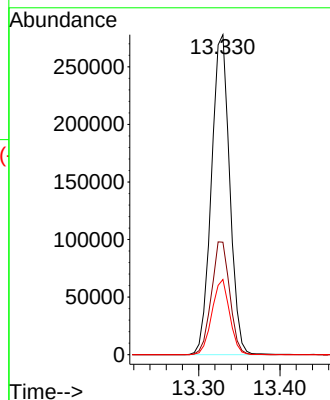
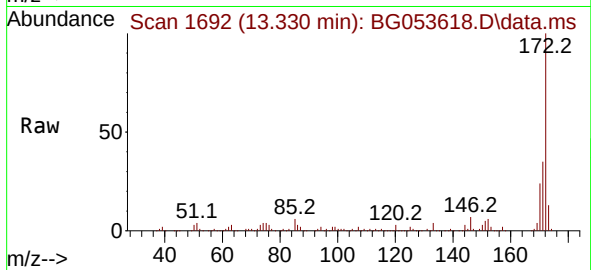




#45
2-Fluorobiphenyl
Concen: 98.079 ng
RT: 13.330 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

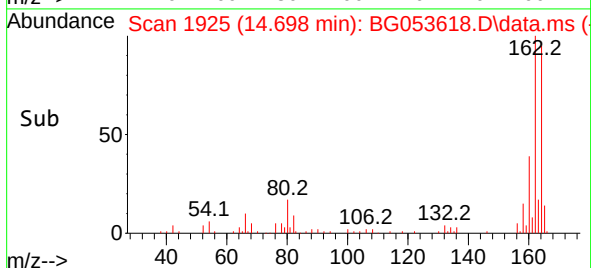
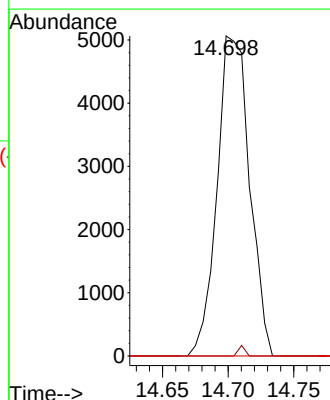
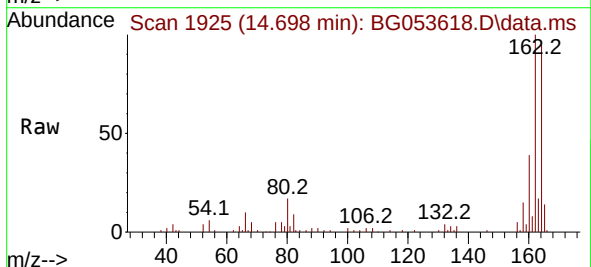
Instrument :
BNA_G
ClientSampleId :
SLP-2

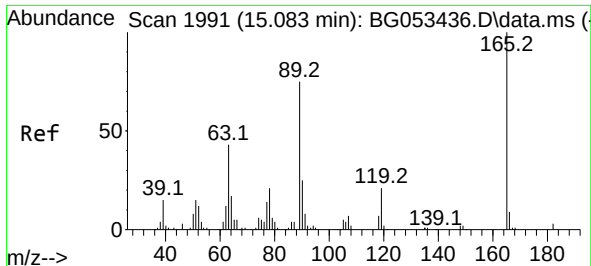
Tgt Ion:172 Resp: 433218
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.723 ng
RT: 14.698 min Scan# 1925
Delta R.T. 0.417 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

Tgt Ion:165 Resp: 8717
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.018 ng

RT: 14.698 min Scan# 1991

Delta R.T. -0.376 min

Lab File: BG053618.D

Acq: 19 May 2022 00:39

Instrument :

BNA_G

ClientSampleId :

SLP-2

Tgt Ion:165 Resp: 8717

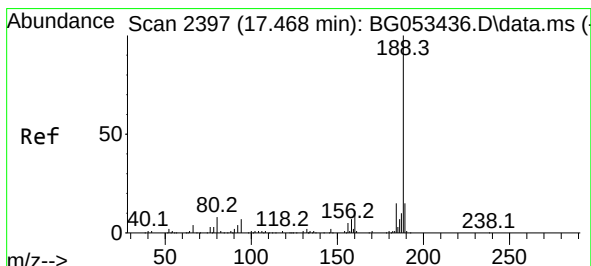
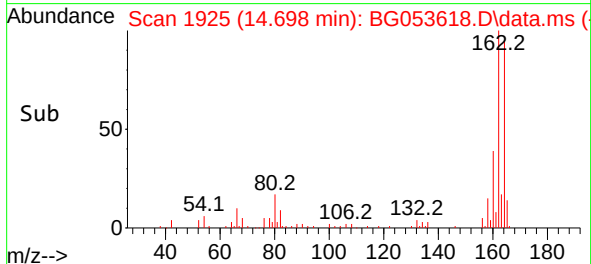
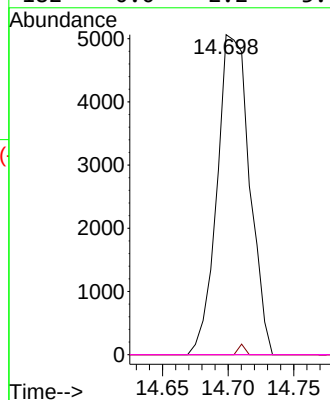
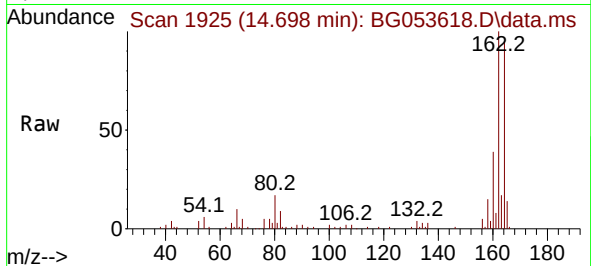
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.448 min Scan# 2393

Delta R.T. -0.011 min

Lab File: BG053618.D

Acq: 19 May 2022 00:39

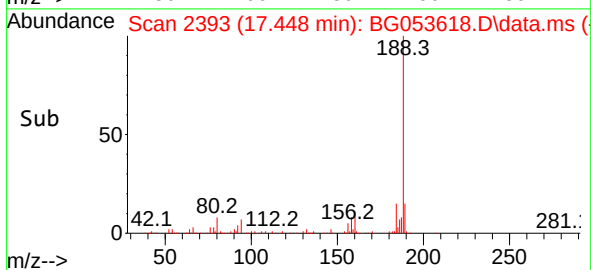
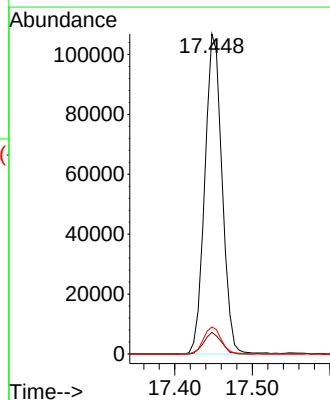
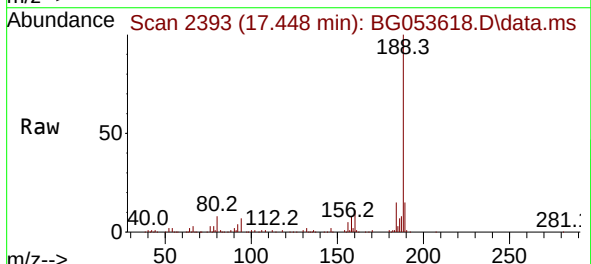
Tgt Ion:188 Resp: 165414

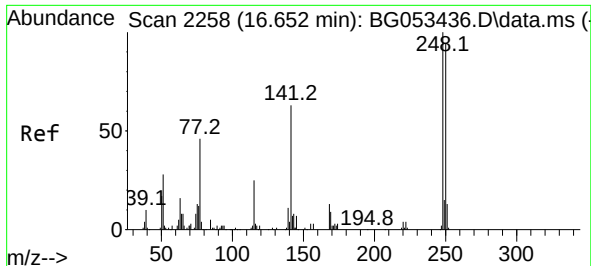
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 8.5 6.8 10.2

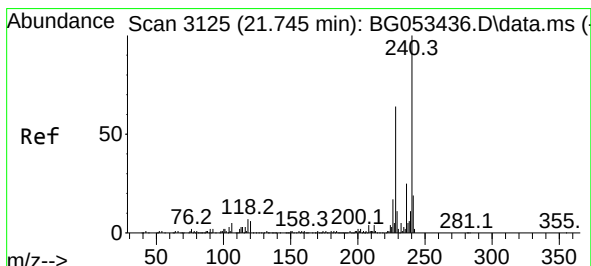
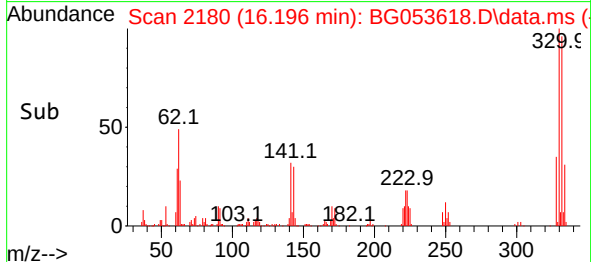
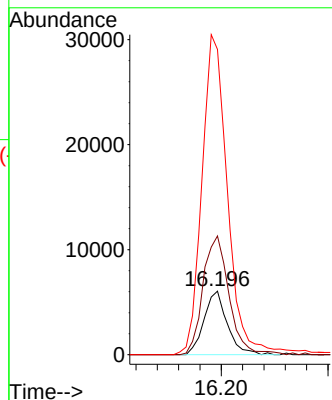
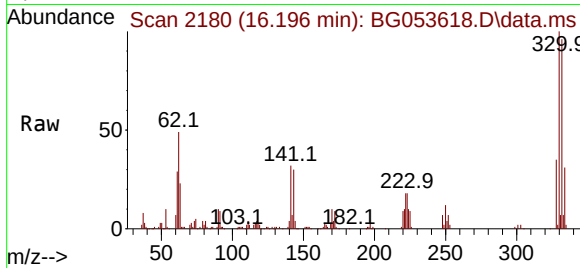




#67
4-Bromophenyl-phenylether
Concen: 4.734 ng
RT: 16.196 min Scan# 2180
Delta R.T. -0.446 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

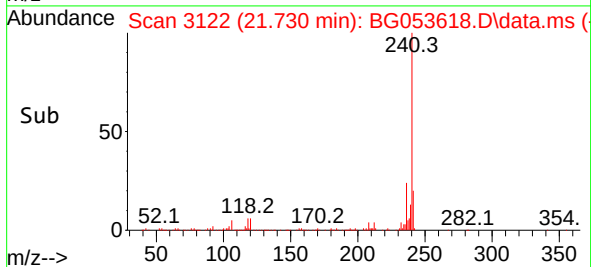
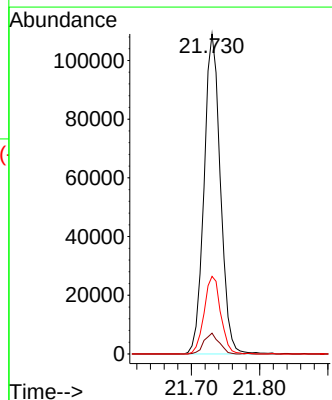
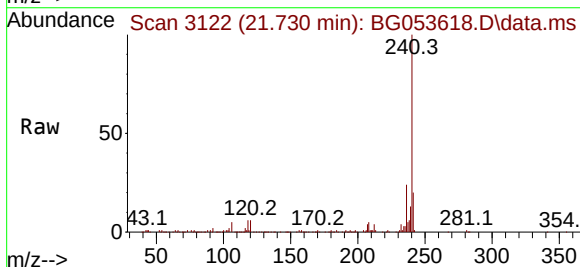
Instrument :
BNA_G
ClientSampleId :
SLP-2

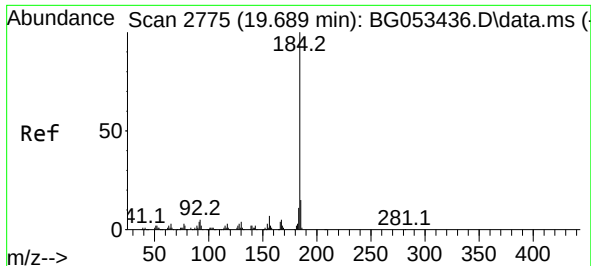
Tgt Ion:248 Resp: 9146
Ion Ratio Lower Upper
248 100
250 186.8 75.2 112.8#
141 480.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.730 min Scan# 3122
Delta R.T. -0.011 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

Tgt Ion:240 Resp: 181546
Ion Ratio Lower Upper
240 100
120 6.5 4.6 7.0
236 24.3 20.2 30.4

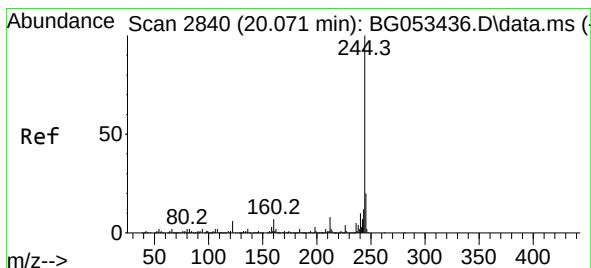
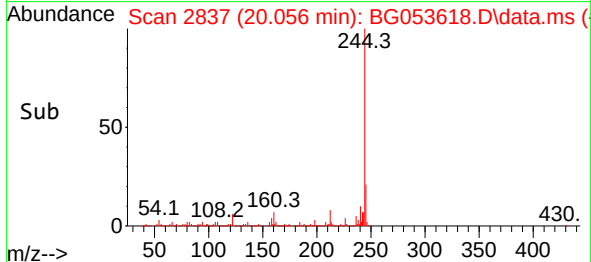
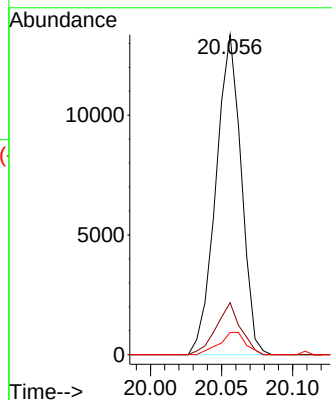
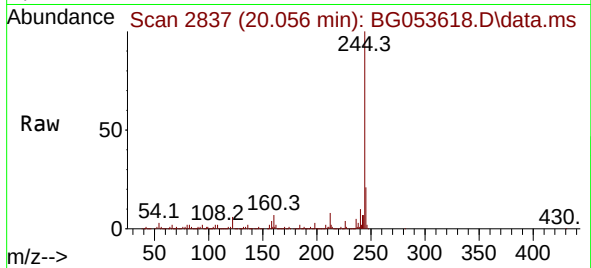




#77
Benzidine
Concen: 4.226 ng
RT: 20.056 min Scan# 2837
Delta R.T. 0.376 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

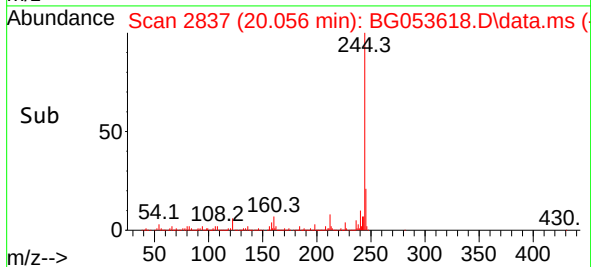
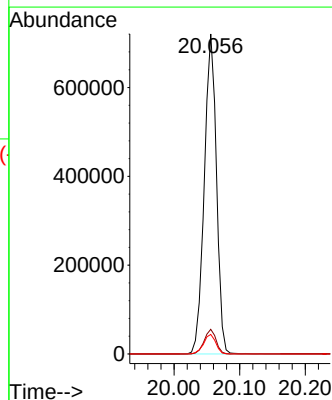
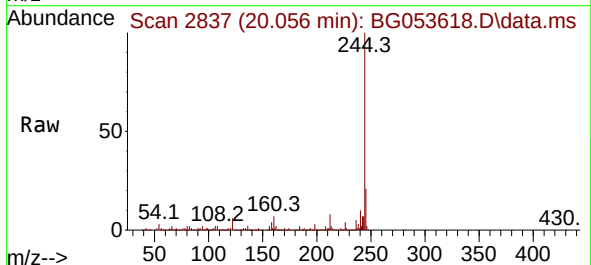
Instrument :
BNA_G
ClientSampleId :
SLP-2

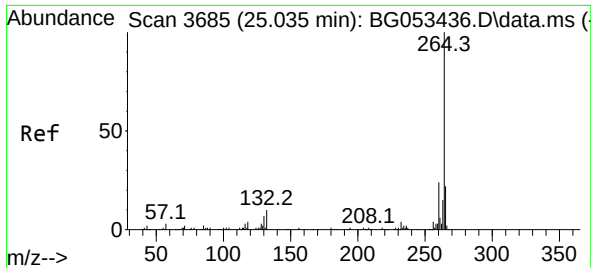
Tgt Ion:184 Resp: 16536
Ion Ratio Lower Upper
184 100
185 16.2 11.8 17.6
183 7.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 95.511 ng
RT: 20.056 min Scan# 2837
Delta R.T. -0.006 min
Lab File: BG053618.D
Acq: 19 May 2022 00:39

Tgt Ion:244 Resp: 931002
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 6.1 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.008 min Scan# 30
 Delta R.T. -0.011 min
 Lab File: BG053618.D
 Acq: 19 May 2022 00:39

Instrument :
 BNA_G
 ClientSampleId :
 SLP-2

Tgt Ion:264 Resp: 186273
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.0 28.6
 265 20.9 17.4 26.2

