

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053463.D
 Acq On : 5 May 2022 23:09
 Operator : CG/JU
 Sample : N2677-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6,7

Quant Time: May 06 03:48:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

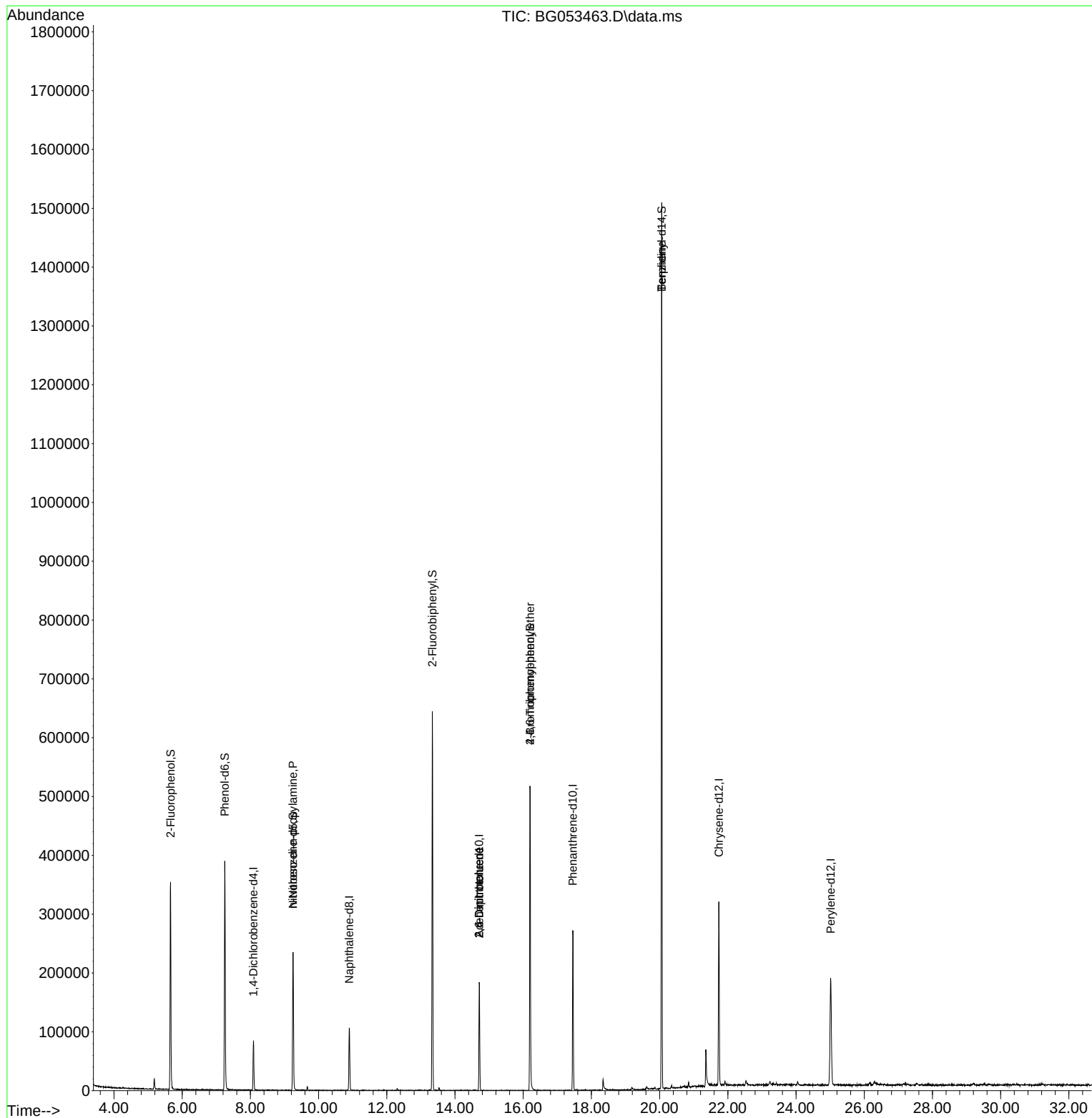
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	22723	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	90921	20.000	ng	#-0.01
39) Acenaphthene-d10	14.711	164	68890	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	178698	20.000	ng	-0.01
76) Chrysene-d12	21.737	240	202174	20.000	ng	0.00
86) Perylene-d12	25.015	264	203136	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	148000	110.538	ng	0.00
7) Phenol-d6	7.250	99	219459	108.002	ng	0.00
23) Nitrobenzene-d5	9.248	82	156543	73.292	ng	-0.01
42) 2,4,6-Tribromophenol	16.203	330	108905	107.185	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	345495	73.286	ng	0.00
79) Terphenyl-d14	20.062	244	774055	71.308	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.248	70	22081	15.145	ng	# 70
51) 2,6-Dinitrotoluene	14.711	165	9175	8.603	ng	# 16
57) 2,4-Dinitrotoluene	14.711	165	9175	5.935	ng	# 21
67) 4-Bromophenyl-phenylether	16.203	248	7410	3.551	ng	# 1
77) Benzidine	20.062	184	13329	3.059	ng	# 90

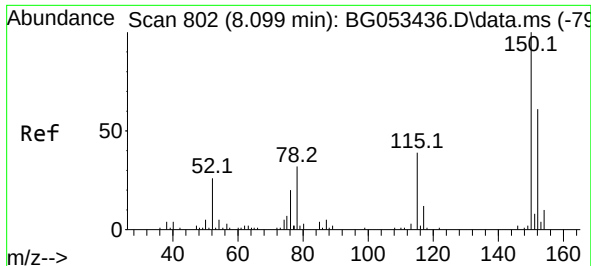
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
Data File : BG053463.D
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Operator : CG/JU
Sample : N2677-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-6,7

Quant Time: May 06 03:48:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

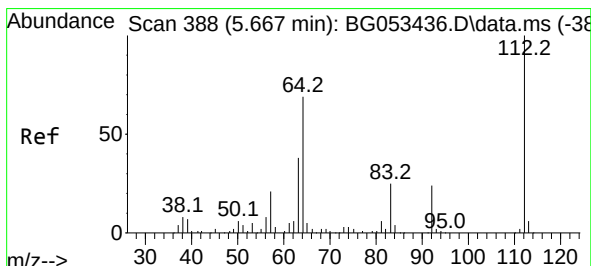
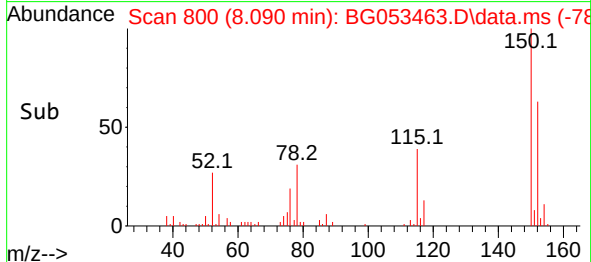
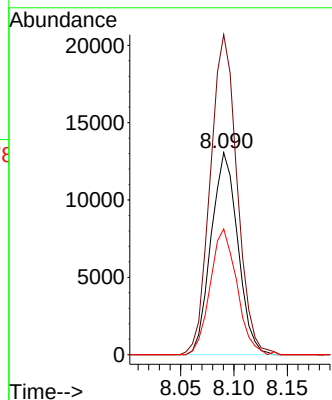
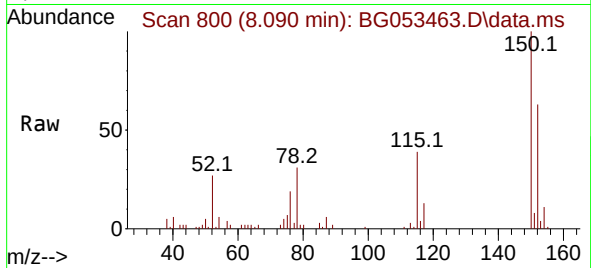




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

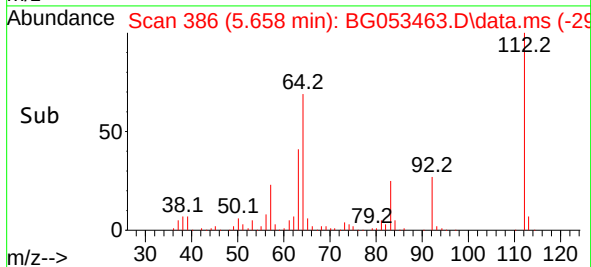
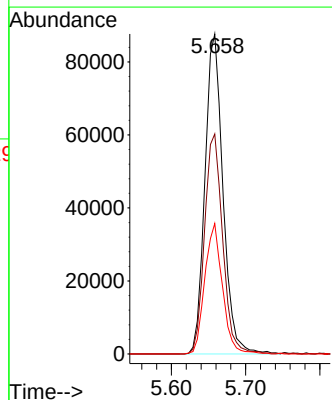
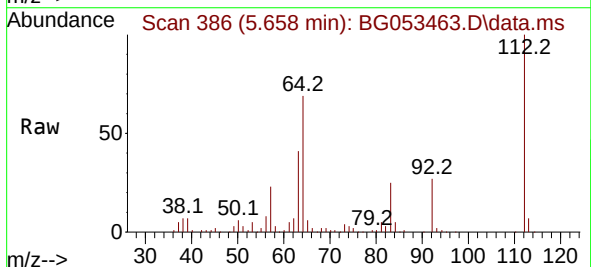
Instrument :
BNA_G
ClientSampleId :
SB-6,7

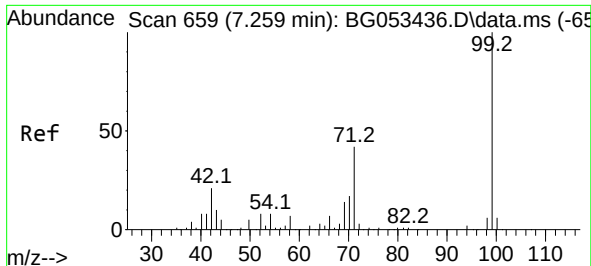
Tgt Ion:152 Resp: 22723
Ion Ratio Lower Upper
152 100
150 158.4 131.6 197.4
115 62.3 50.9 76.3



#5
2-Fluorophenol
Concen: 110.538 ng
RT: 5.658 min Scan# 386
Delta R.T. -0.009 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion:112 Resp: 148000
Ion Ratio Lower Upper
112 100
64 68.7 55.1 82.7
63 40.7 30.4 45.6

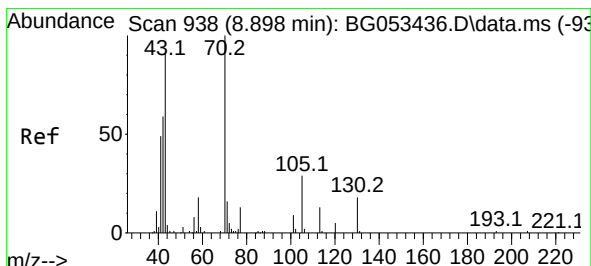
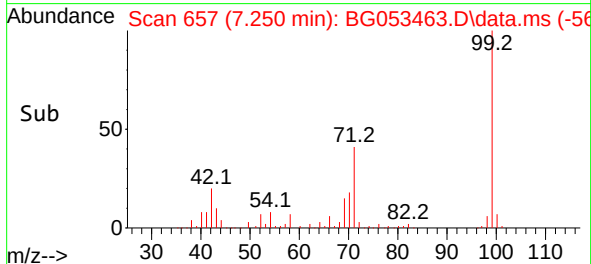
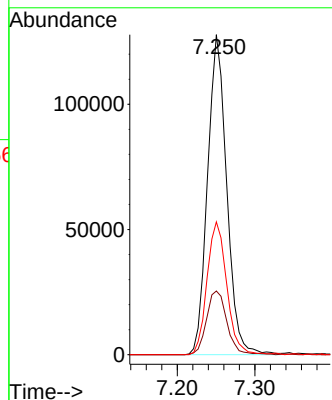
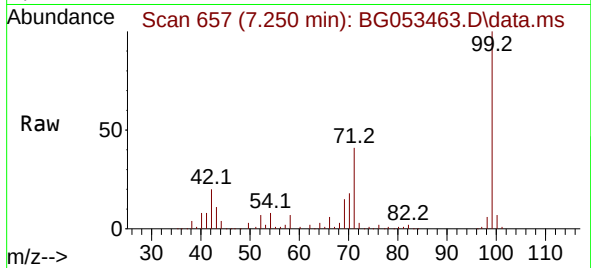




#7
Phenol-d6
Concen: 108.002 ng
RT: 7.250 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

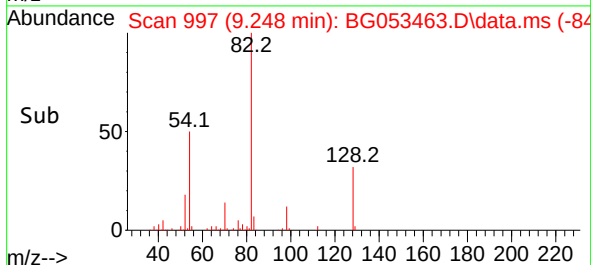
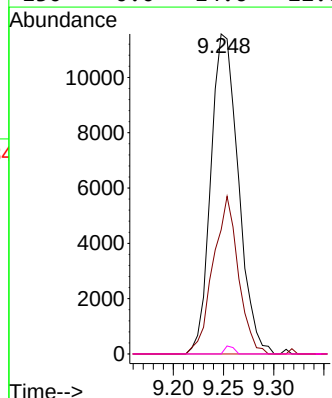
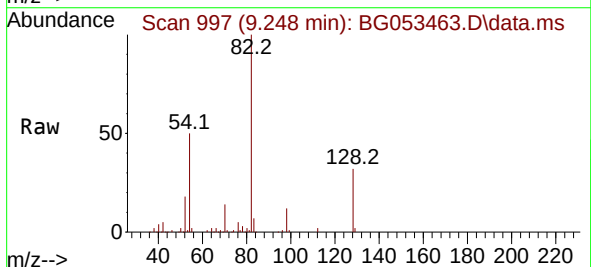
Instrument :
BNA_G
ClientSampleId :
SB-6,7

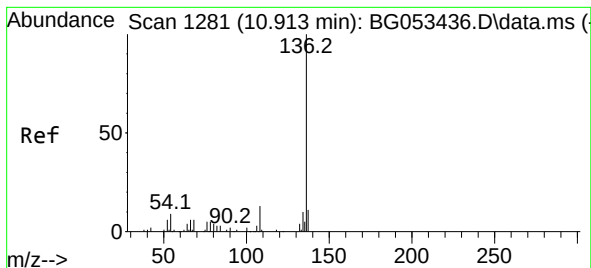
Tgt Ion: 99 Resp: 219459
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 41.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.145 ng
RT: 9.248 min Scan# 997
Delta R.T. 0.350 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion: 70 Resp: 22081
Ion Ratio Lower Upper
70 100
42 38.8 47.3 70.9#
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

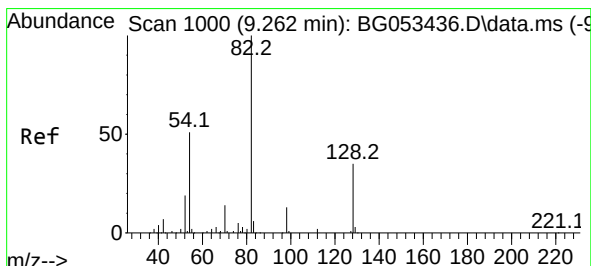
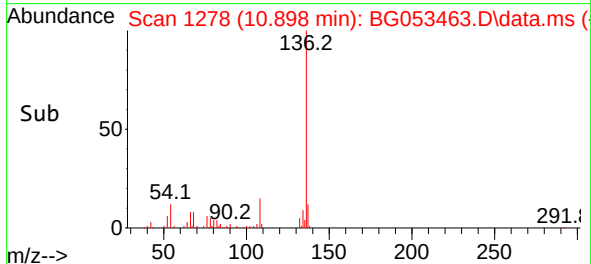
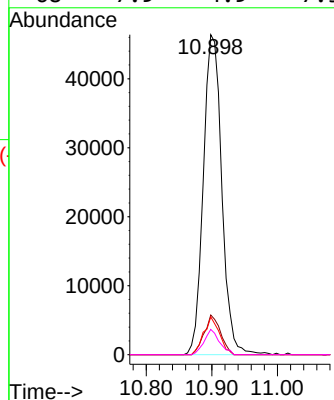
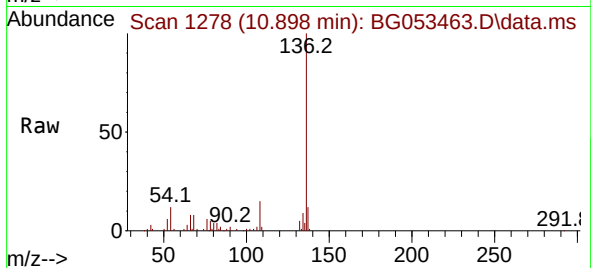




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

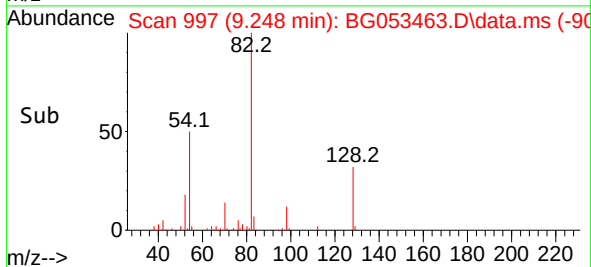
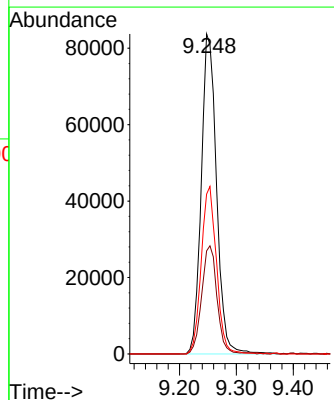
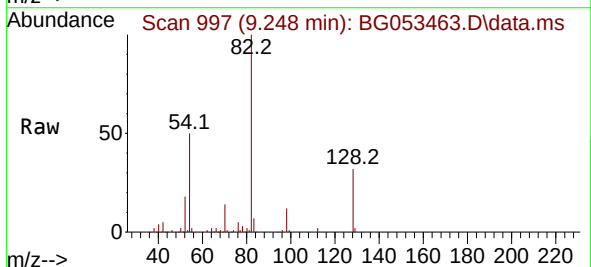
Instrument :
BNA_G
ClientSampleId :
SB-6,7

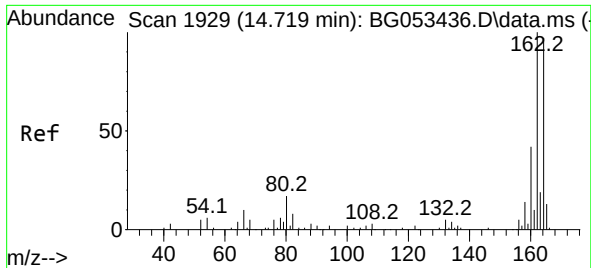
Tgt Ion:	136	Resp:	90921
Ion	Ratio	Lower	Upper
136	100		
137	12.4	8.5	12.7
54	11.8	7.4	11.2#
68	7.9	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 73.292 ng
RT: 9.248 min Scan# 997
Delta R.T. -0.014 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion:	82	Resp:	156543
Ion	Ratio	Lower	Upper
82	100		
128	32.2	27.9	41.9
54	50.0	41.2	61.8

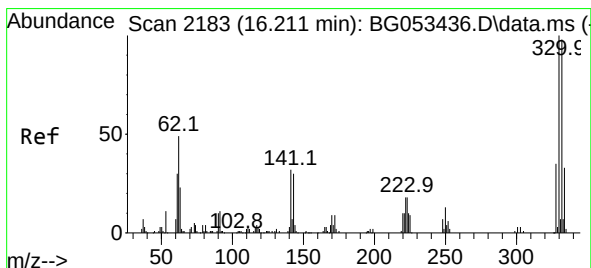
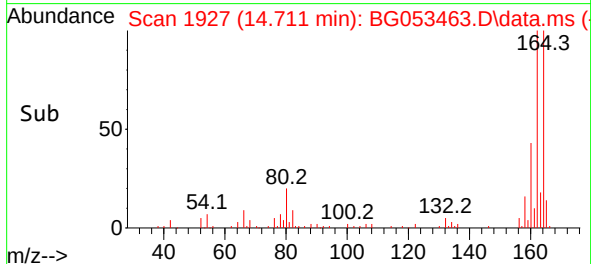
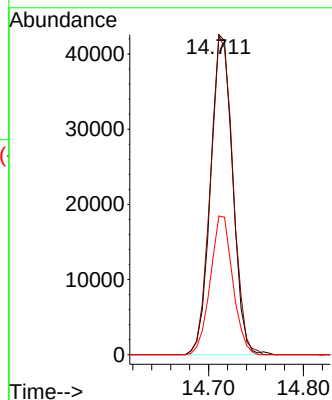
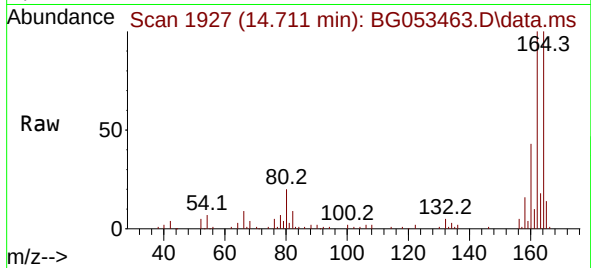




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

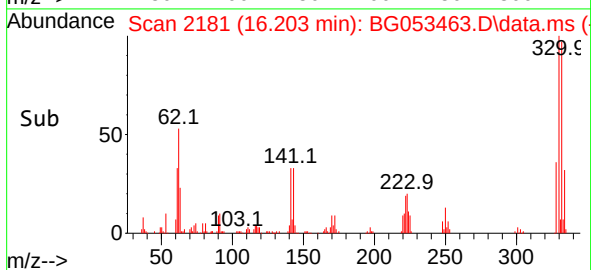
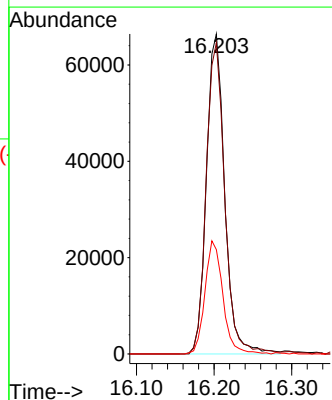
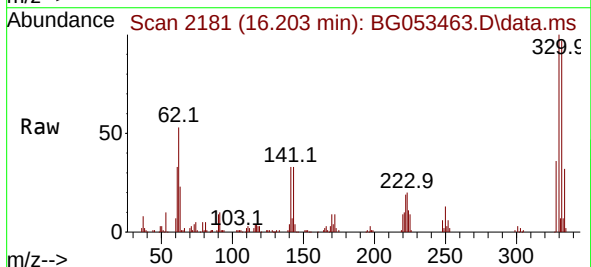
Instrument :
BNA_G
ClientSampleId :
SB-6,7

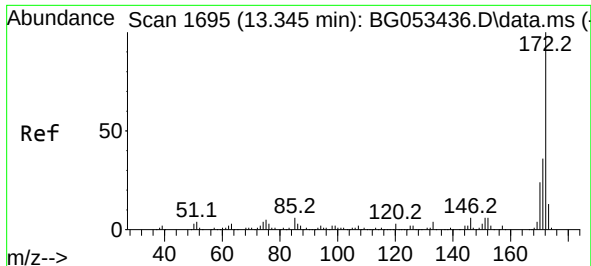
Tgt Ion:164 Resp: 68890
Ion Ratio Lower Upper
164 100
162 99.7 82.3 123.5
160 43.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 107.185 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.008 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion:330 Resp: 108905
Ion Ratio Lower Upper
330 100
332 98.3 76.0 114.0
141 34.8 27.1 40.7

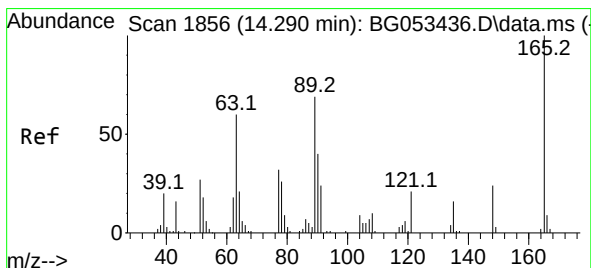
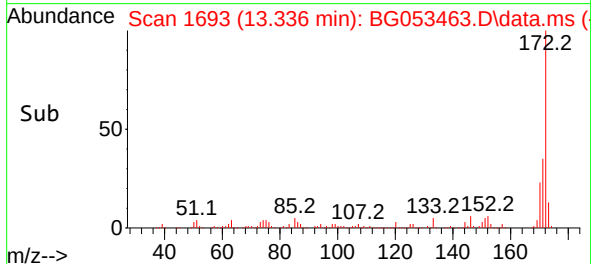
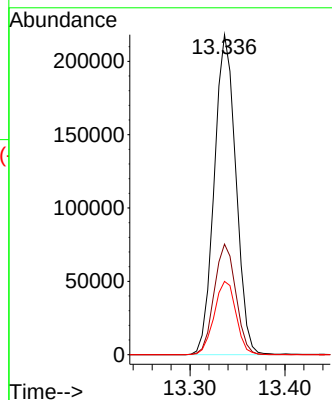
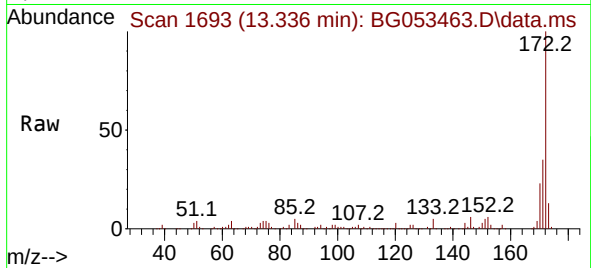




#45
2-Fluorobiphenyl
Concen: 73.286 ng
RT: 13.336 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

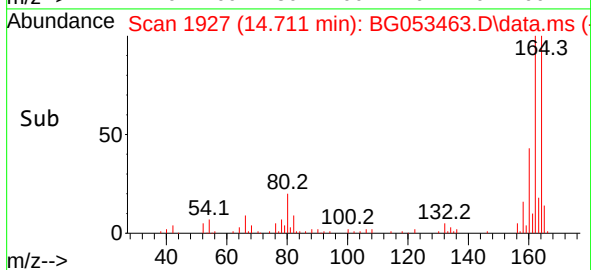
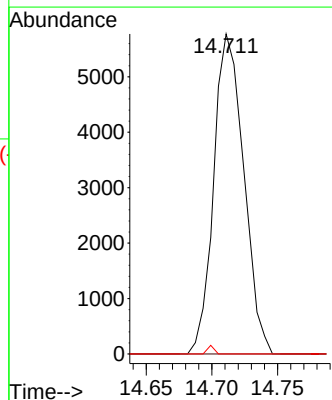
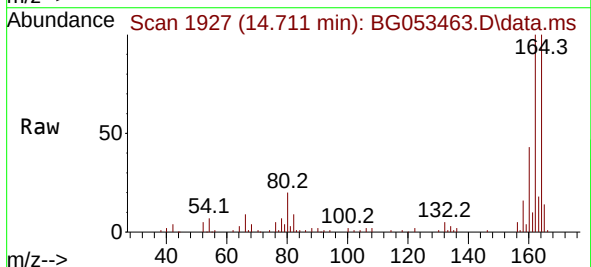
Instrument :
BNA_G
ClientSampleId :
SB-6,7

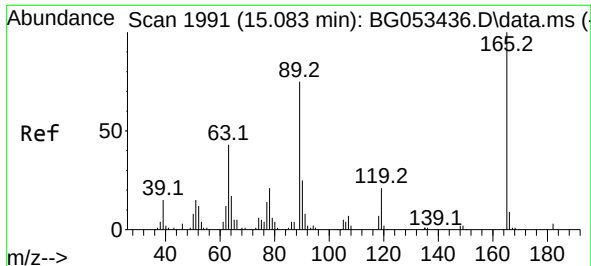
Tgt Ion:172 Resp: 345495
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.9 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.603 ng
RT: 14.711 min Scan# 1927
Delta R.T. 0.421 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion:165 Resp: 9175
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#

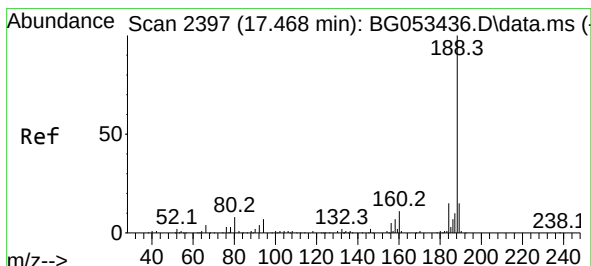
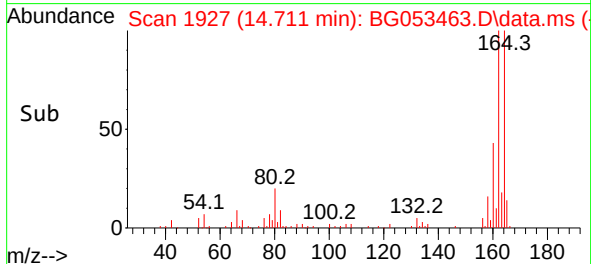
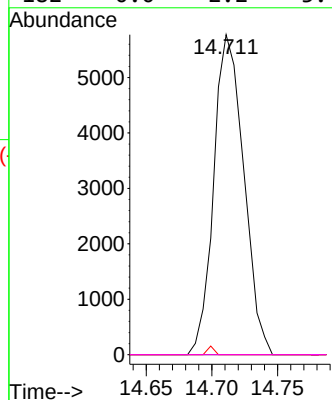
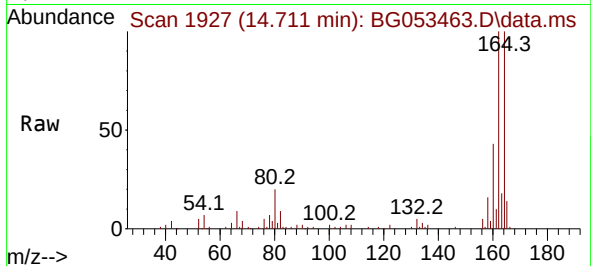




#57
2,4-Dinitrotoluene
Concen: 5.935 ng
RT: 14.711 min Scan# 1991
Delta R.T. -0.373 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

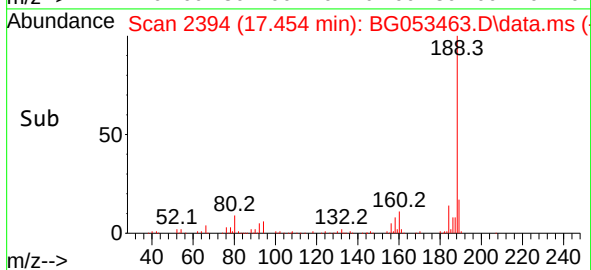
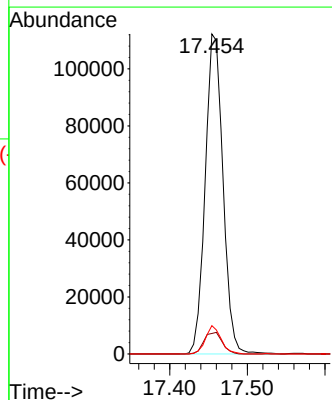
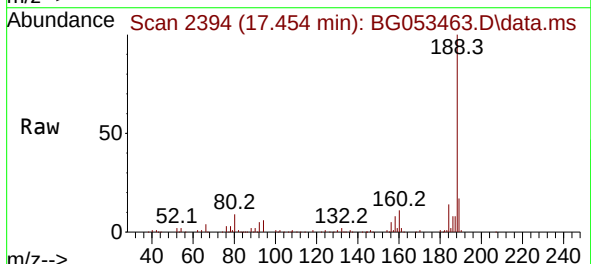
Instrument :
BNA_G
ClientSampleId :
SB-6,7

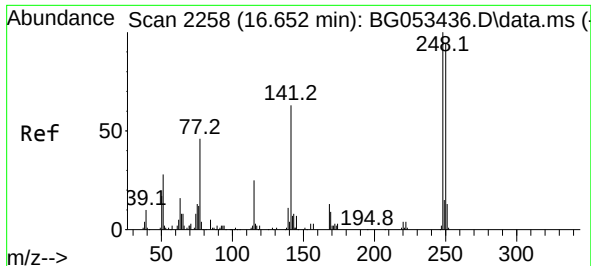
Tgt Ion:165 Resp: 9175
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2394
Delta R.T. -0.014 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion:188 Resp: 178698
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 8.9 6.8 10.2

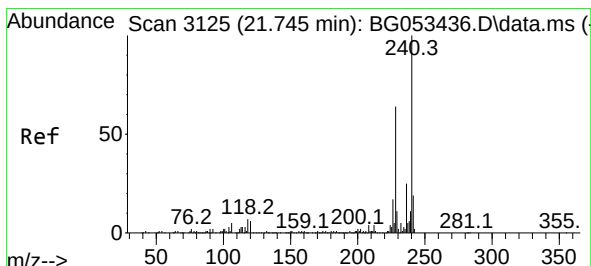
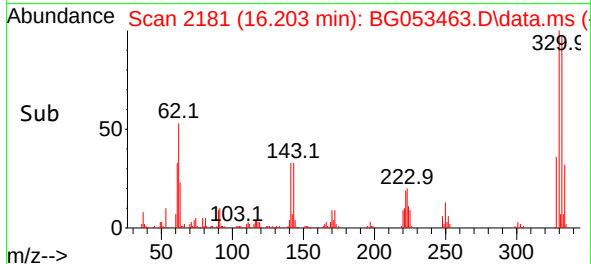
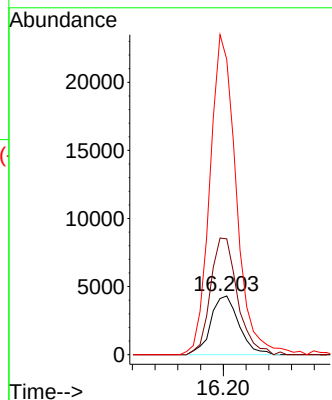
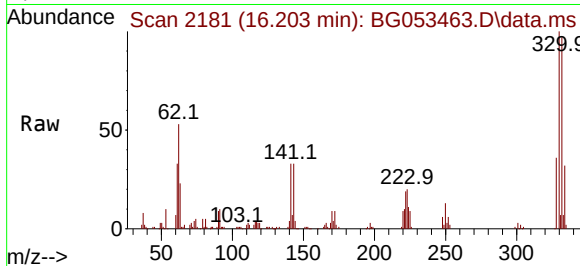




#67
4-Bromophenyl-phenylether
Concen: 3.551 ng
RT: 16.203 min Scan# 2181
Delta R.T. -0.449 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

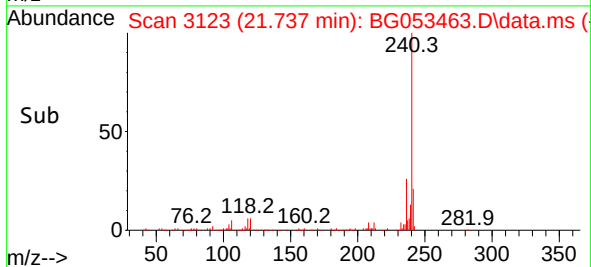
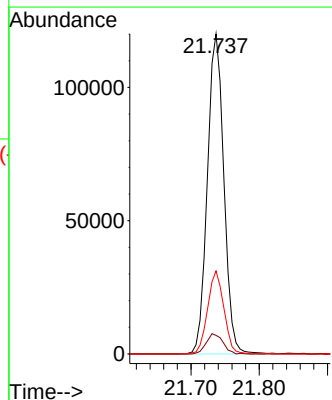
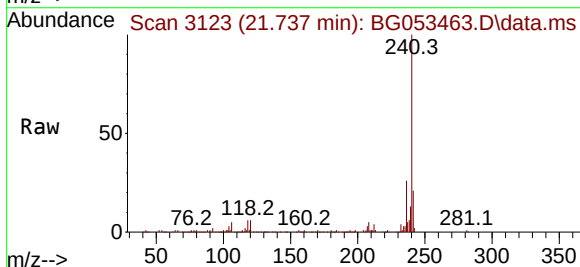
Instrument :
BNA_G
ClientSampleId :
SB-6,7

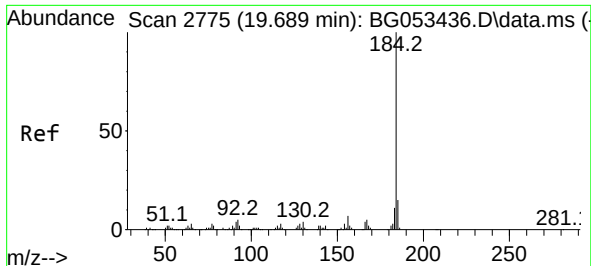
Tgt Ion:248 Resp: 7410
Ion Ratio Lower Upper
248 100
250 197.4 75.2 112.8#
141 502.8 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion:240 Resp: 202174
Ion Ratio Lower Upper
240 100
120 5.8 4.6 7.0
236 25.9 20.2 30.4

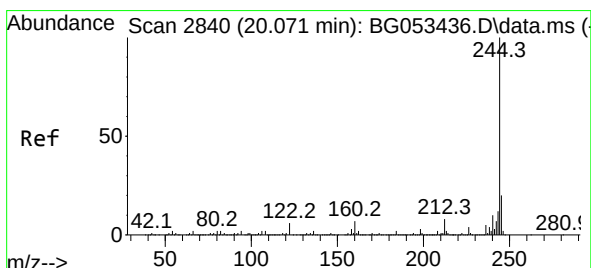
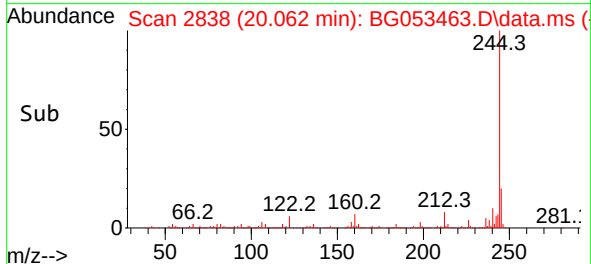
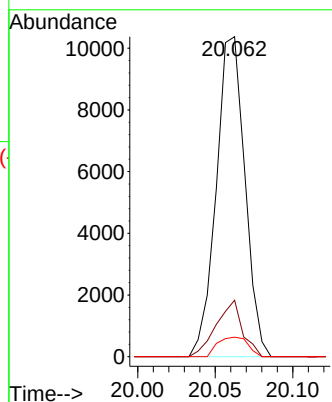
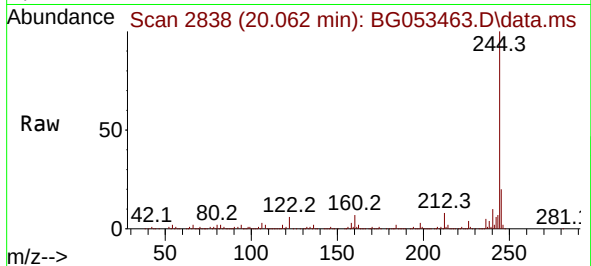




#77
Benzidine
Concen: 3.059 ng
RT: 20.062 min Scan# 21
Delta R.T. 0.374 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

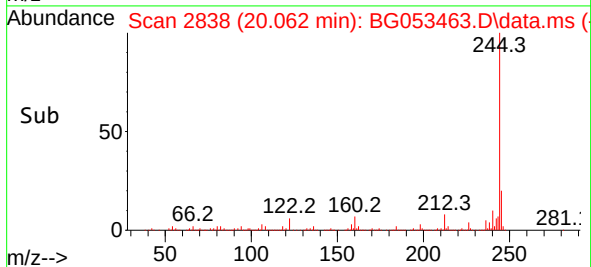
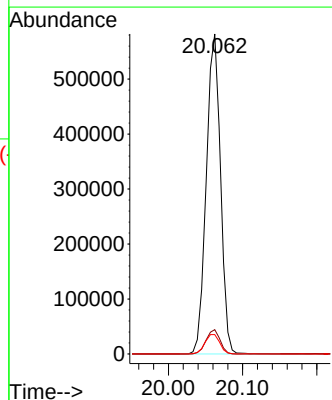
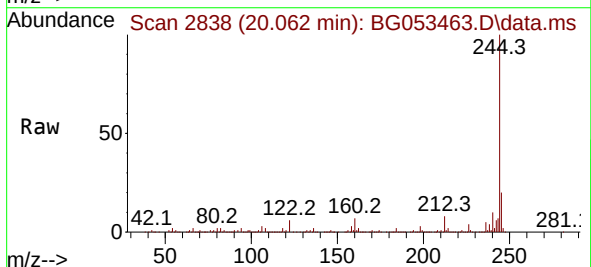
Instrument :
BNA_G
ClientSampleId :
SB-6,7

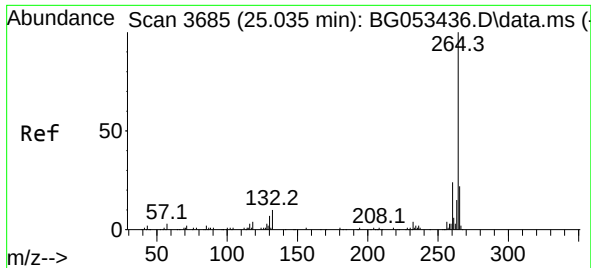
Tgt Ion:184 Resp: 13329
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.6
183 6.1 8.9 13.3#



#79
Terphenyl-d14
Concen: 71.308 ng
RT: 20.062 min Scan# 2838
Delta R.T. -0.009 min
Lab File: BG053463.D
Acq: 5 May 2022 23:09

Tgt Ion:244 Resp: 774055
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 6.1 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 30
 Delta R.T. -0.020 min
 Lab File: BG053463.D
 Acq: 5 May 2022 23:09

Instrument :
 BNA_G
 ClientSampleId :
 SB-6,7

Tgt Ion:264 Resp: 203136
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 20.2 17.4 26.2

