

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053402.D
 Acq On : 2 May 2022 16:58
 Operator : CG/JU
 Sample : N2619-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SS08-1-2-FT

Quant Time: May 03 06:43:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

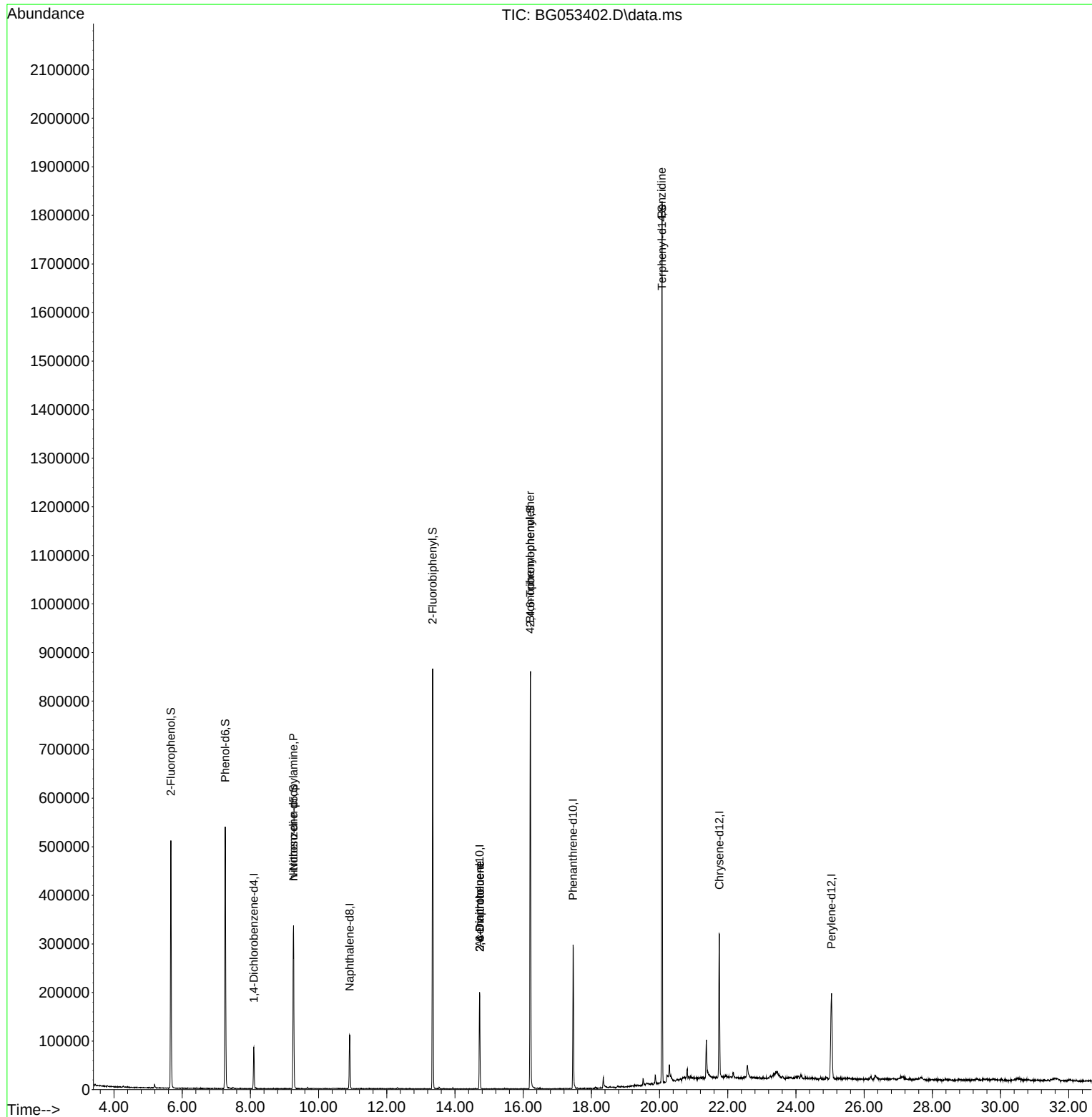
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	23315	20.000	ng	-0.01
21) Naphthalene-d8	10.916	136	94921	20.000	ng	0.00
39) Acenaphthene-d10	14.722	164	73058	20.000	ng	-0.01
64) Phenanthrene-d10	17.466	188	194435	20.000	ng	-0.02
76) Chrysene-d12	21.754	240	194182	20.000	ng	-0.01
86) Perylene-d12	25.044	264	199891	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	210001	154.398	ng	0.00
7) Phenol-d6	7.262	99	312059	148.780	ng	-0.01
23) Nitrobenzene-d5	9.265	82	215189	92.049	ng	-0.01
42) 2,4,6-Tribromophenol	16.214	330	182133	156.697	ng	-0.01
45) 2-Fluorobiphenyl	13.348	172	458930	86.619	ng	-0.01
79) Terphenyl-d14	20.074	244	931742	81.039	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.265	70	31026	20.205	ng	# 79
51) 2,6-Dinitrotoluene	14.728	165	9369	7.685	ng	# 24
57) 2,4-Dinitrotoluene	14.728	165	9369	5.398	ng	# 22
67) 4-Bromophenyl-phenylether	16.209	248	11991	4.813	ng	# 1
77) Benzidine	20.068	184	15784	2.849	ng	# 84

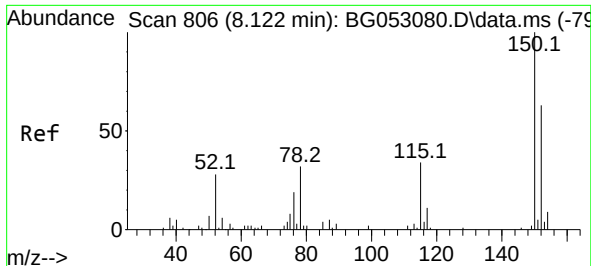
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
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Misc :
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Response via : Initial Calibration

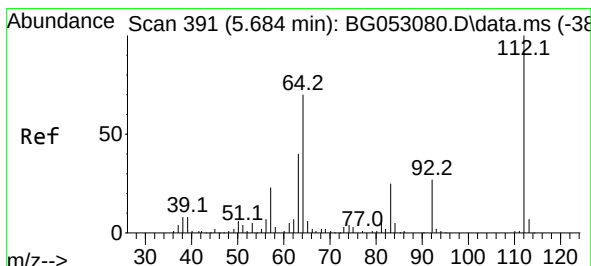
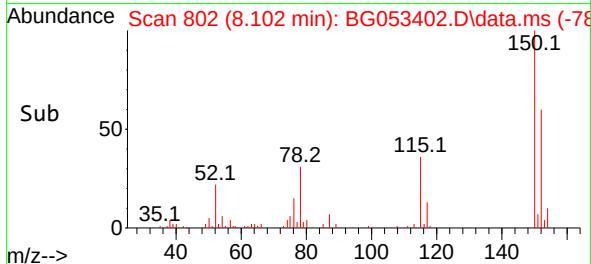
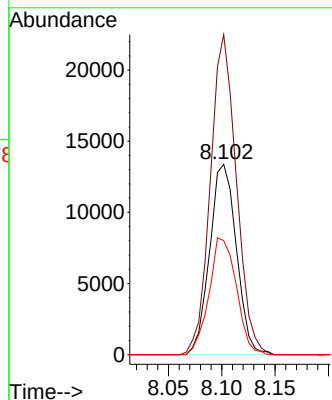
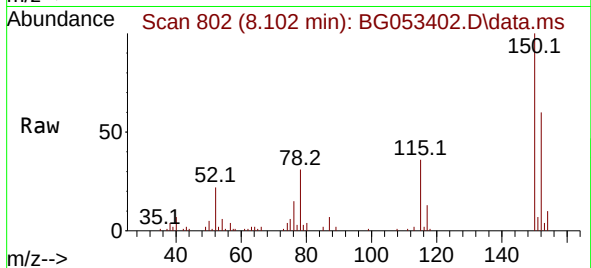




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

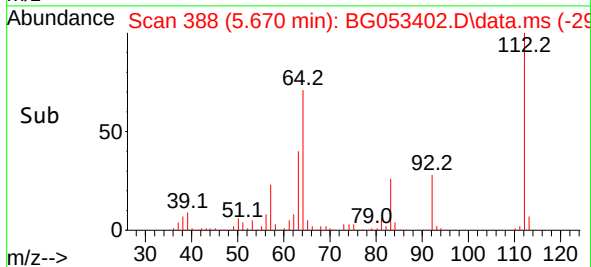
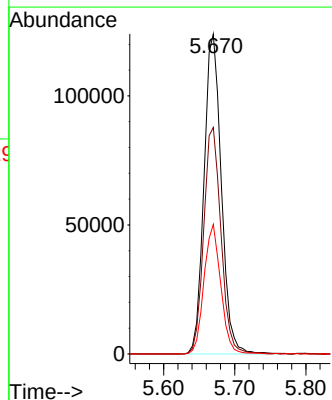
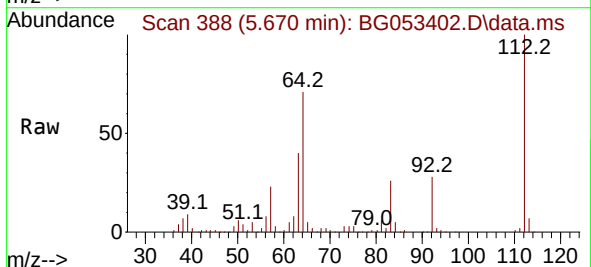
Instrument :
BNA_G
ClientSampleId :
SS08-1-2-FT

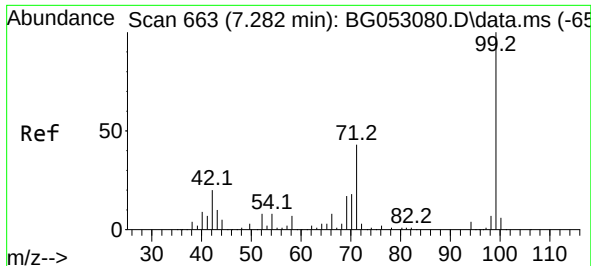
Tgt Ion:152 Resp: 23315
Ion Ratio Lower Upper
152 100
150 168.0 114.6 172.0
115 59.9 45.9 68.9



#5
2-Fluorophenol
Concen: 154.398 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.006 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

Tgt Ion:112 Resp: 210001
Ion Ratio Lower Upper
112 100
64 70.8 48.0 72.0
63 40.5 26.5 39.7#

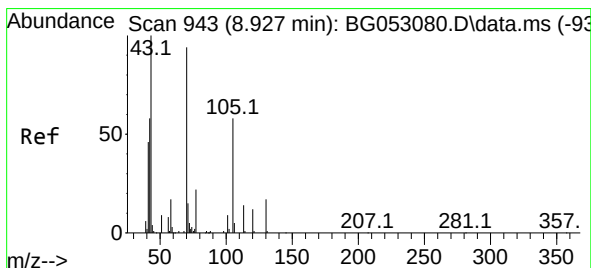
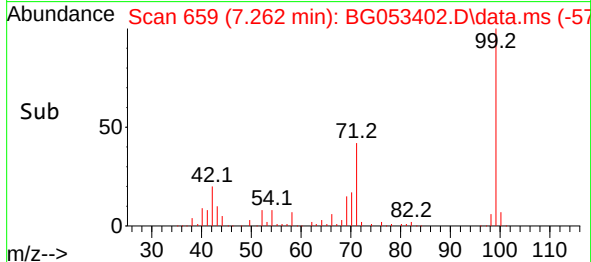
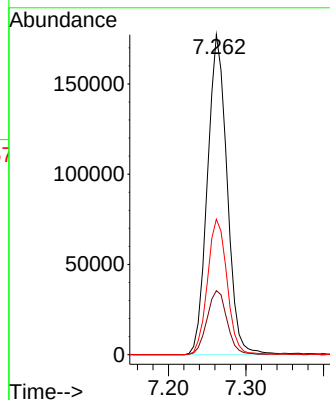
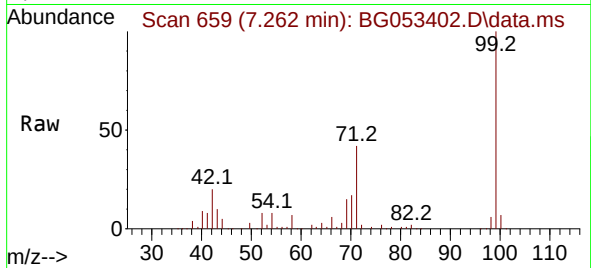




#7
Phenol-d6
Concen: 148.780 ng
RT: 7.262 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

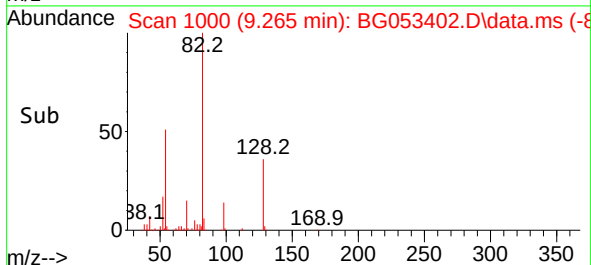
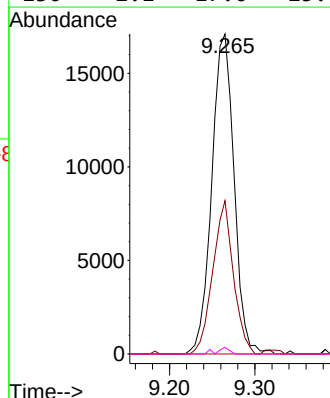
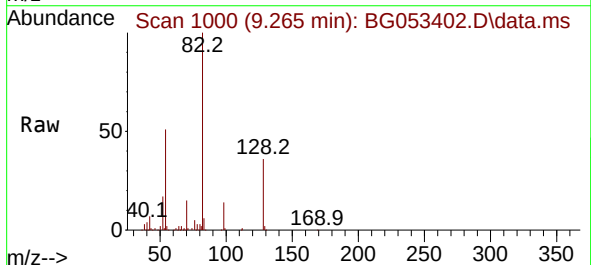
Instrument :
BNA_G
ClientSampleId :
SS08-1-2-FT

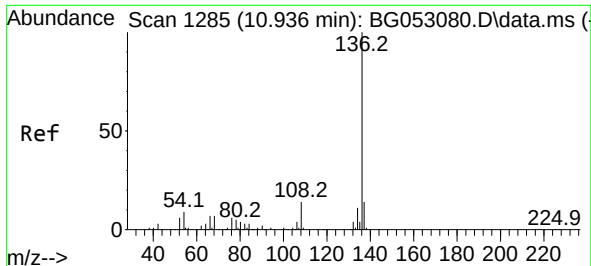
Tgt Ion: 99 Resp: 312059
Ion Ratio Lower Upper
99 100
42 20.0 14.7 22.1
71 42.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.205 ng
RT: 9.265 min Scan# 1000
Delta R.T. 0.353 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

Tgt Ion: 70 Resp: 31026
Ion Ratio Lower Upper
70 100
42 47.9 46.0 69.0
101 0.0 6.2 9.4#
130 2.1 17.0 25.4#

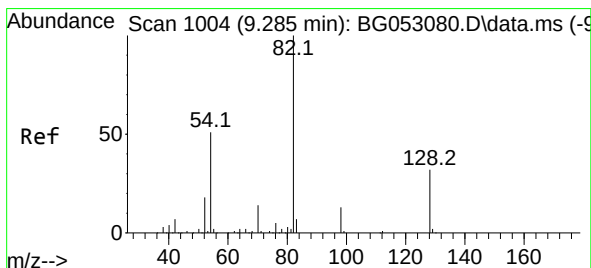
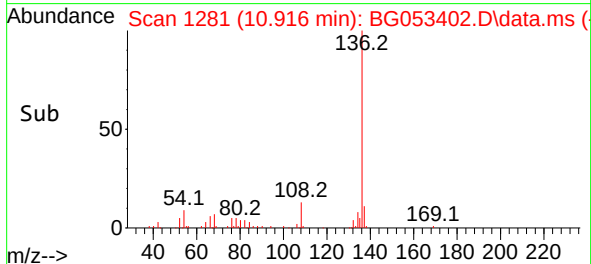
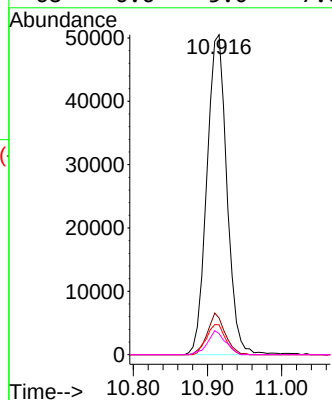
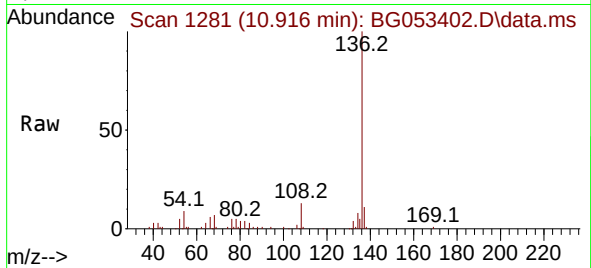




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

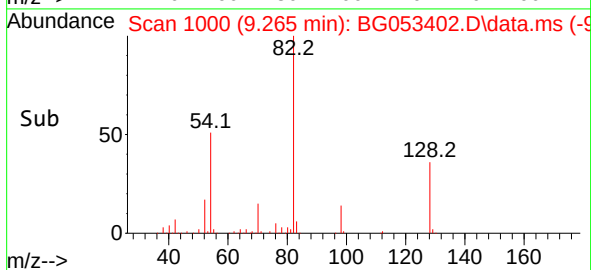
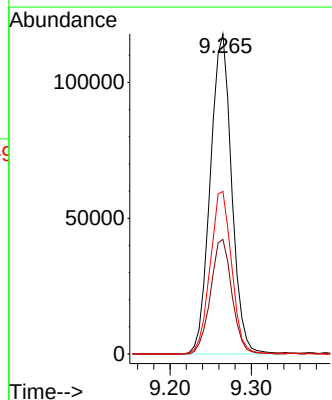
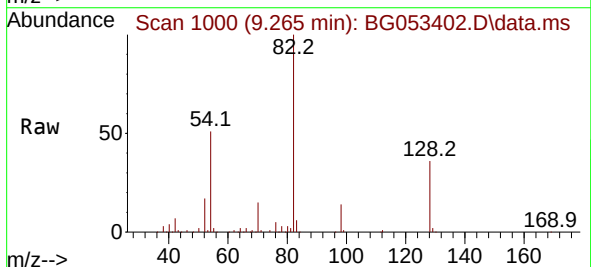
Instrument :
BNA_G
ClientSampleId :
SS08-1-2-FT

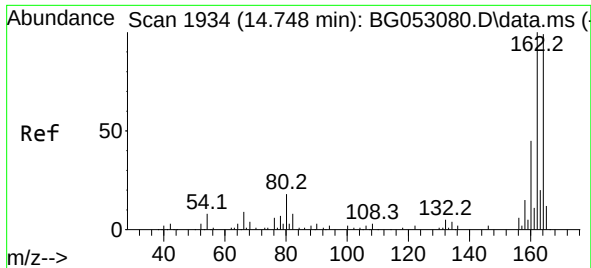
Tgt Ion:136	Resp:	94921
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.4 14.2
54	9.3	6.4 9.6
68	6.6	5.0 7.6



#23
Nitrobenzene-d5
Concen: 92.049 ng
RT: 9.265 min Scan# 1000
Delta R.T. -0.012 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

Tgt Ion: 82	Resp:	215189
Ion Ratio	Lower	Upper
82	100	
128	35.8	31.3 46.9
54	50.8	37.8 56.8

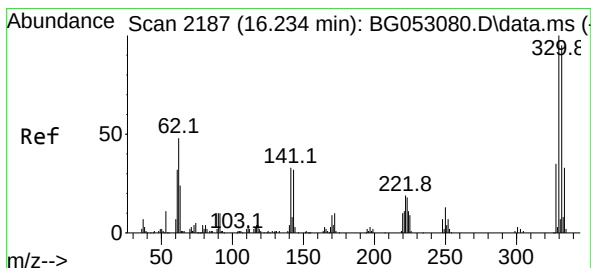
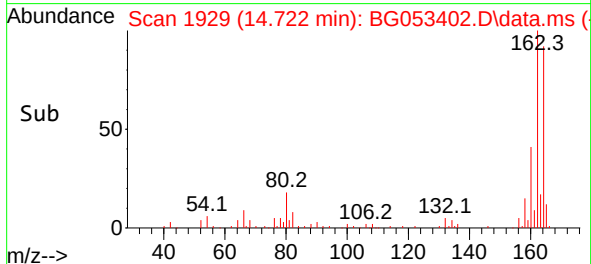
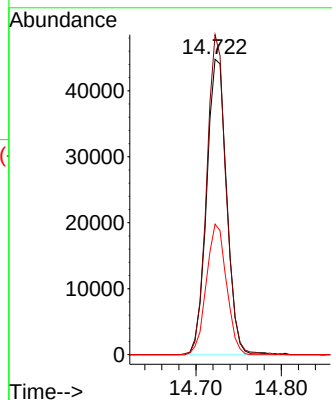
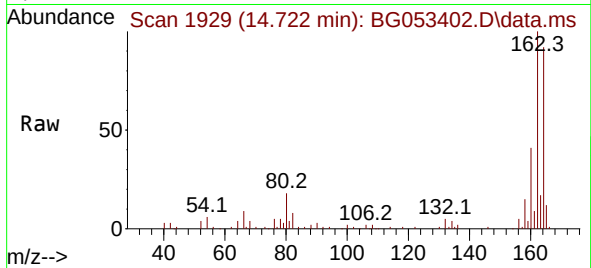




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.722 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

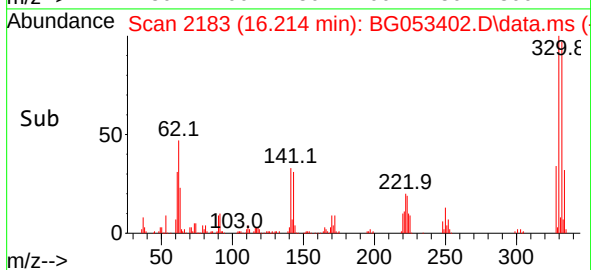
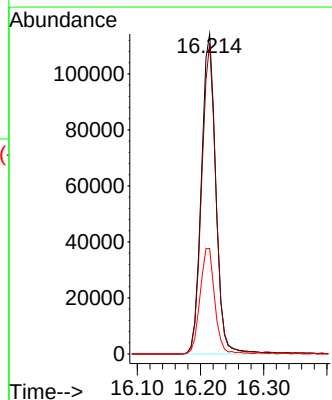
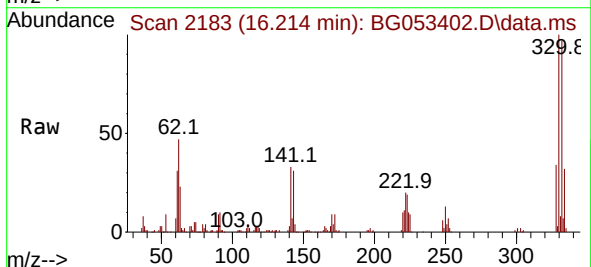
Instrument :
BNA_G
ClientSampleId :
SS08-1-2-FT

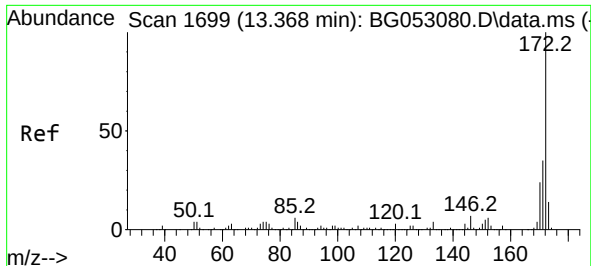
Tgt Ion:164 Resp: 73058
Ion Ratio Lower Upper
164 100
162 108.3 80.0 120.0
160 44.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 156.697 ng
RT: 16.214 min Scan# 2183
Delta R.T. -0.012 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

Tgt Ion:330 Resp: 182133
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.6
141 33.4 24.6 36.8

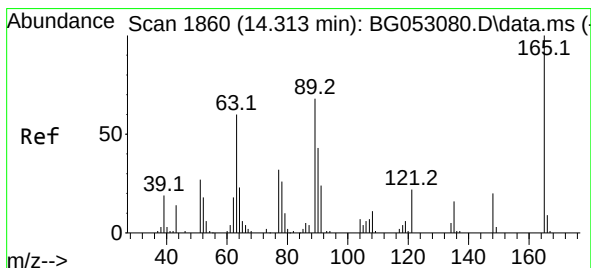
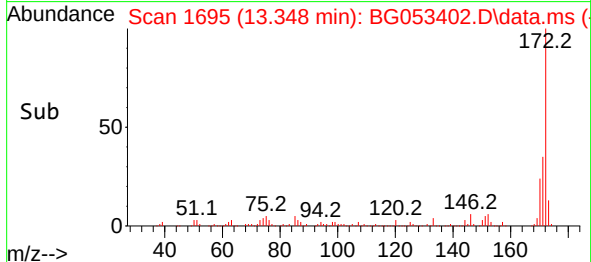
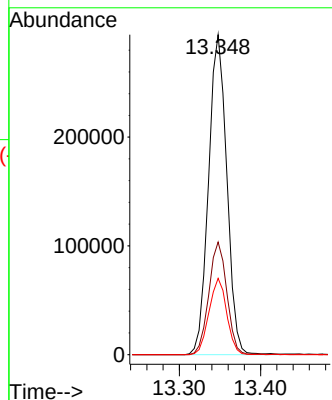
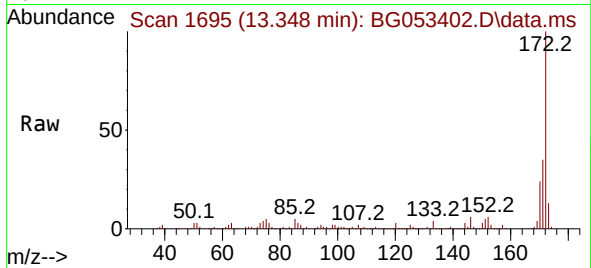




#45
2-Fluorobiphenyl
Concen: 86.619 ng
RT: 13.348 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

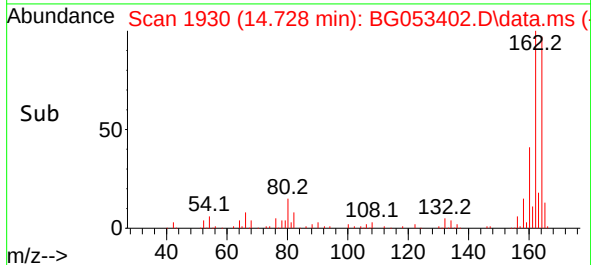
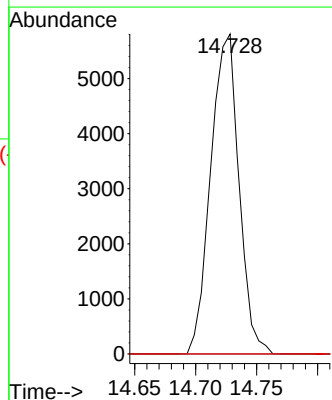
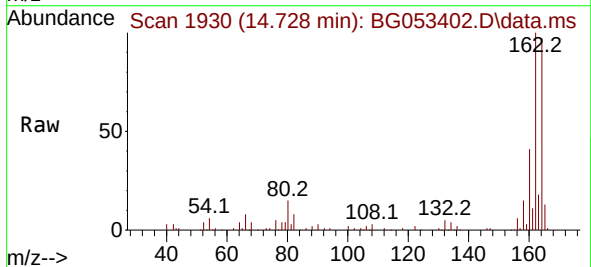
Instrument :
BNA_G
ClientSampleId :
SS08-1-2-FT

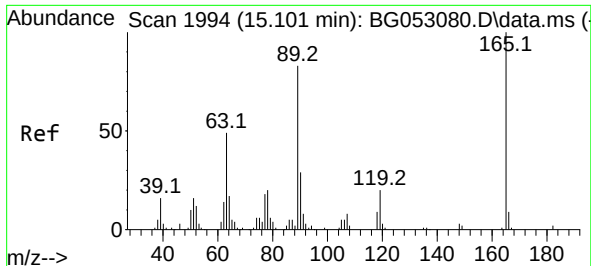
Tgt Ion:172 Resp: 458930
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.8 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.685 ng
RT: 14.728 min Scan# 1930
Delta R.T. 0.423 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

Tgt Ion:165 Resp: 9369
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.398 ng

RT: 14.728 min Scan# 1994

Delta R.T. -0.364 min

Lab File: BG053402.D

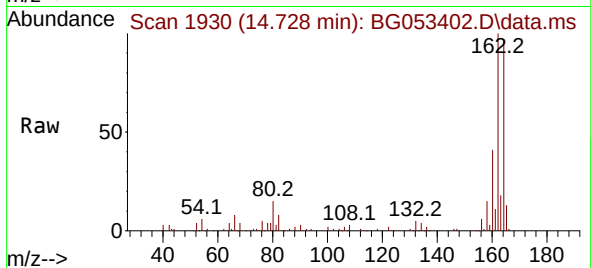
Acq: 2 May 2022 16:58

Instrument :

BNA_G

ClientSampleId :

SS08-1-2-FT



Tgt Ion:165 Resp: 9369

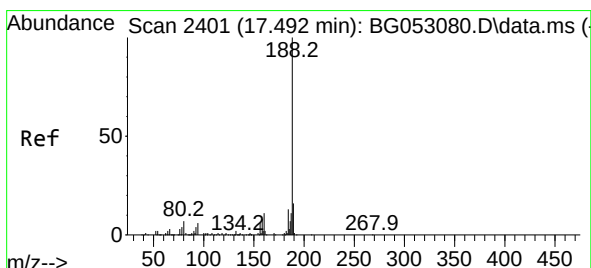
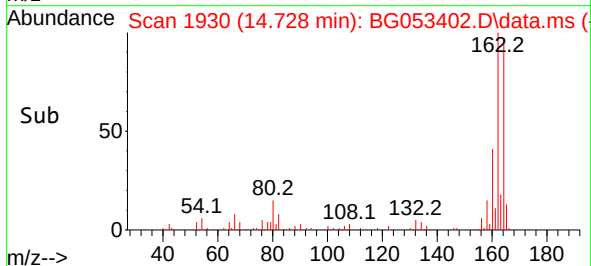
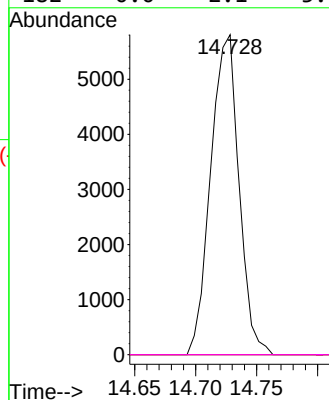
Ion Ratio Lower Upper

165 100

63 0.0 34.8 52.2#

89 0.0 57.4 86.0#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.466 min Scan# 2396

Delta R.T. -0.018 min

Lab File: BG053402.D

Acq: 2 May 2022 16:58

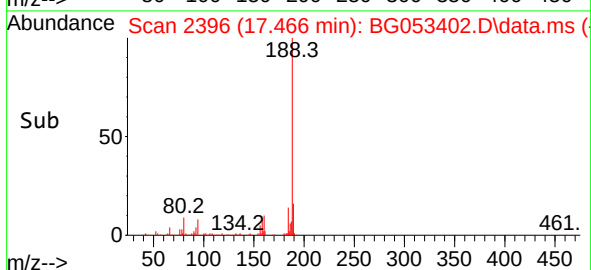
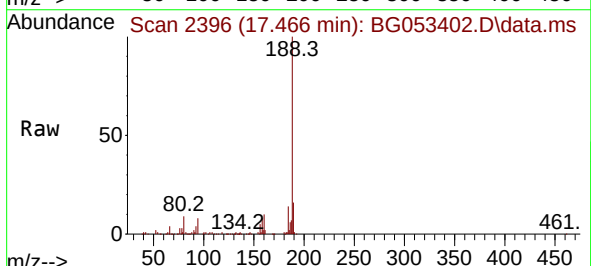
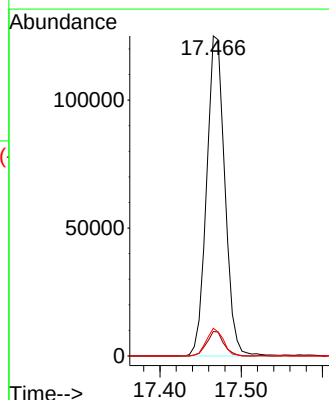
Tgt Ion:188 Resp: 194435

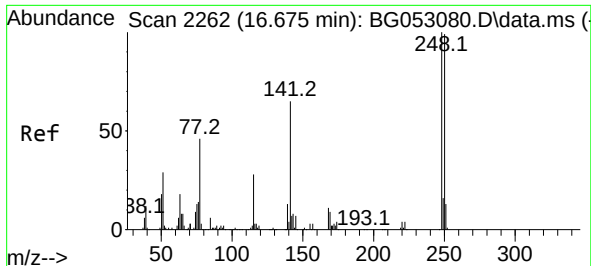
Ion Ratio Lower Upper

188 100

94 7.7 5.7 8.5

80 8.6 7.2 10.8

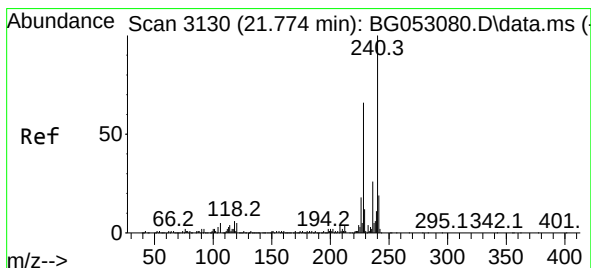
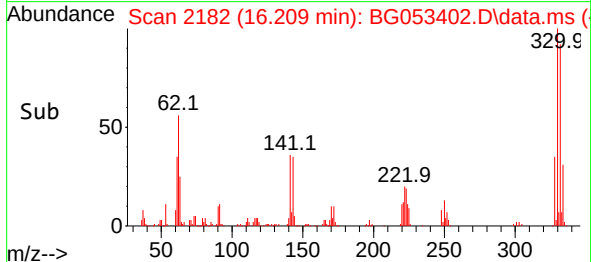
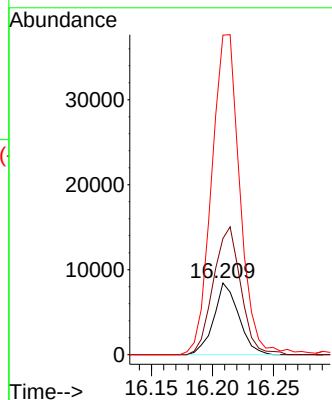
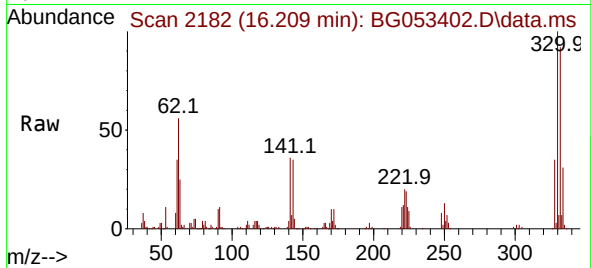




#67
4-Bromophenyl-phenylether
Concen: 4.813 ng
RT: 16.209 min Scan# 21182
Delta R.T. -0.452 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

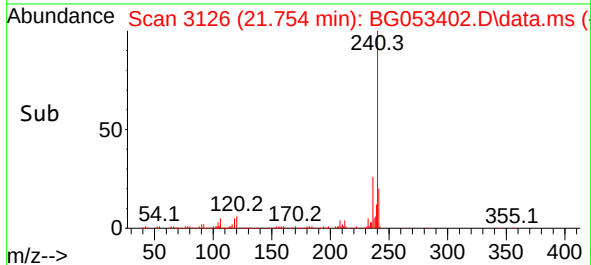
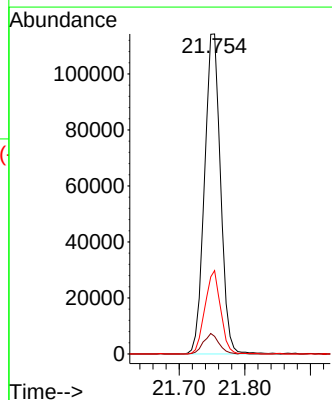
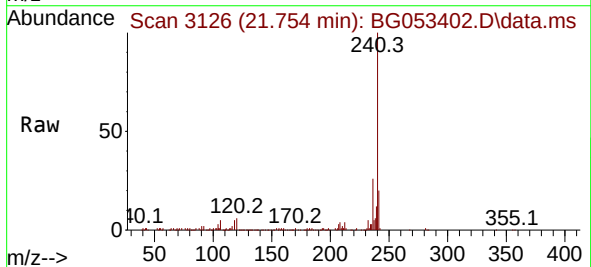
Instrument :
BNA_G
ClientSampleId :
SS08-1-2-FT

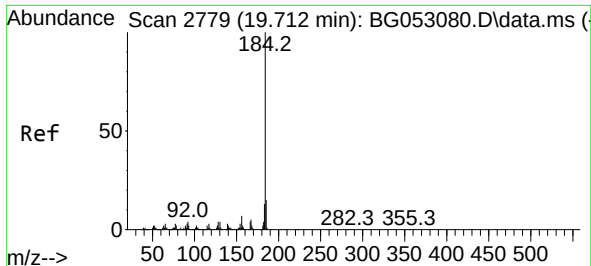
Tgt Ion:248 Resp: 11991
Ion Ratio Lower Upper
248 100
250 162.0 77.9 116.9#
141 445.7 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.754 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

Tgt Ion:240 Resp: 194182
Ion Ratio Lower Upper
240 100
120 5.5 5.4 8.0
236 26.1 19.8 29.6

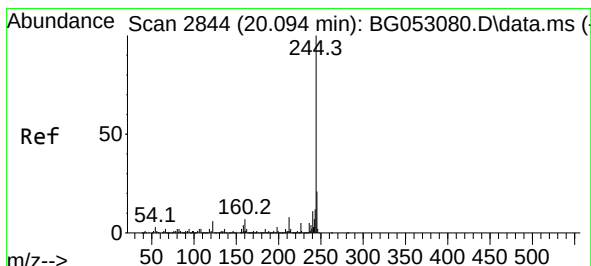
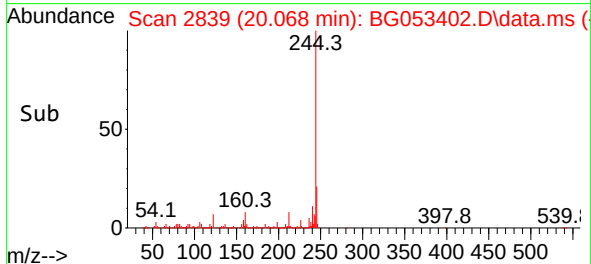
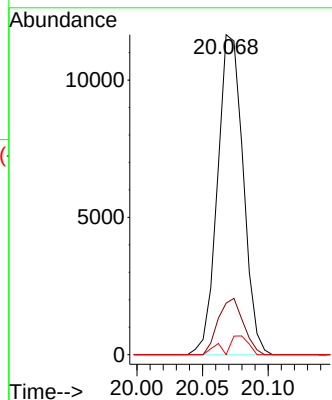
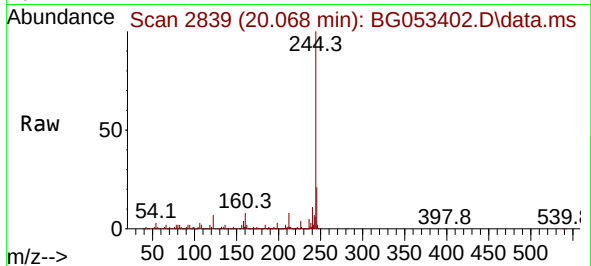




#77
Benzidine
Concen: 2.849 ng
RT: 20.068 min Scan# 2839
Delta R.T. 0.364 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

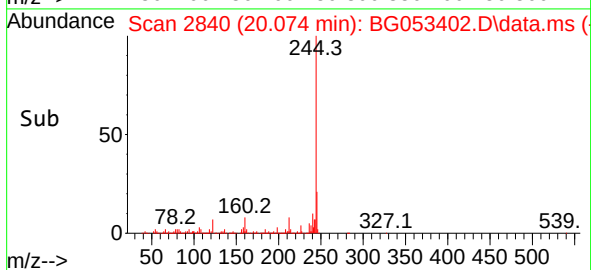
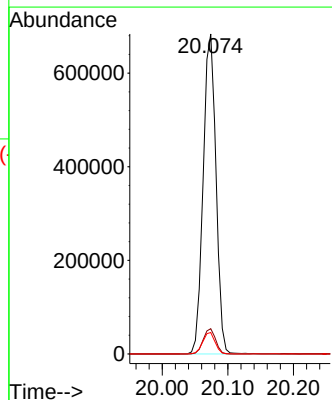
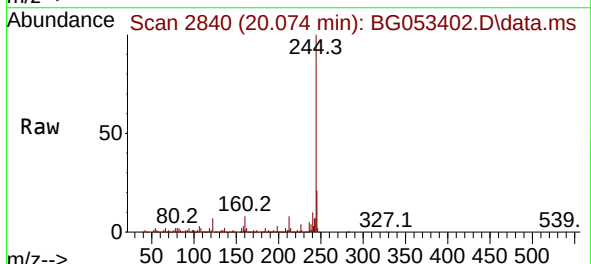
Instrument :
BNA_G
ClientSampleId :
SS08-1-2-FT

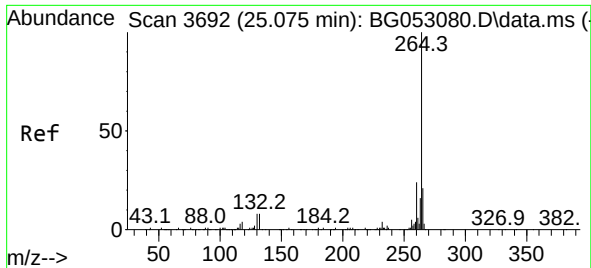
Tgt Ion:184 Resp: 15784
Ion Ratio Lower Upper
184 100
185 16.1 11.5 17.3
183 0.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 81.039 ng
RT: 20.074 min Scan# 2840
Delta R.T. -0.012 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

Tgt Ion:244 Resp: 931742
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.7 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.044 min Scan# 30
Delta R.T. -0.018 min
Lab File: BG053402.D
Acq: 2 May 2022 16:58

Instrument :
BNA_G
ClientSampleId :
SS08-1-2-FT

Tgt Ion:264 Resp: 199891
Ion Ratio Lower Upper
264 100
260 23.8 18.2 27.2
265 23.7 15.1 22.7#

