

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
 Data File : BG053165.D
 Acq On : 15 Apr 2022 15:26
 Operator : CG/JU
 Sample : N2430-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E14-EB1-041322-5-10

Quant Time: Apr 18 03:14:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

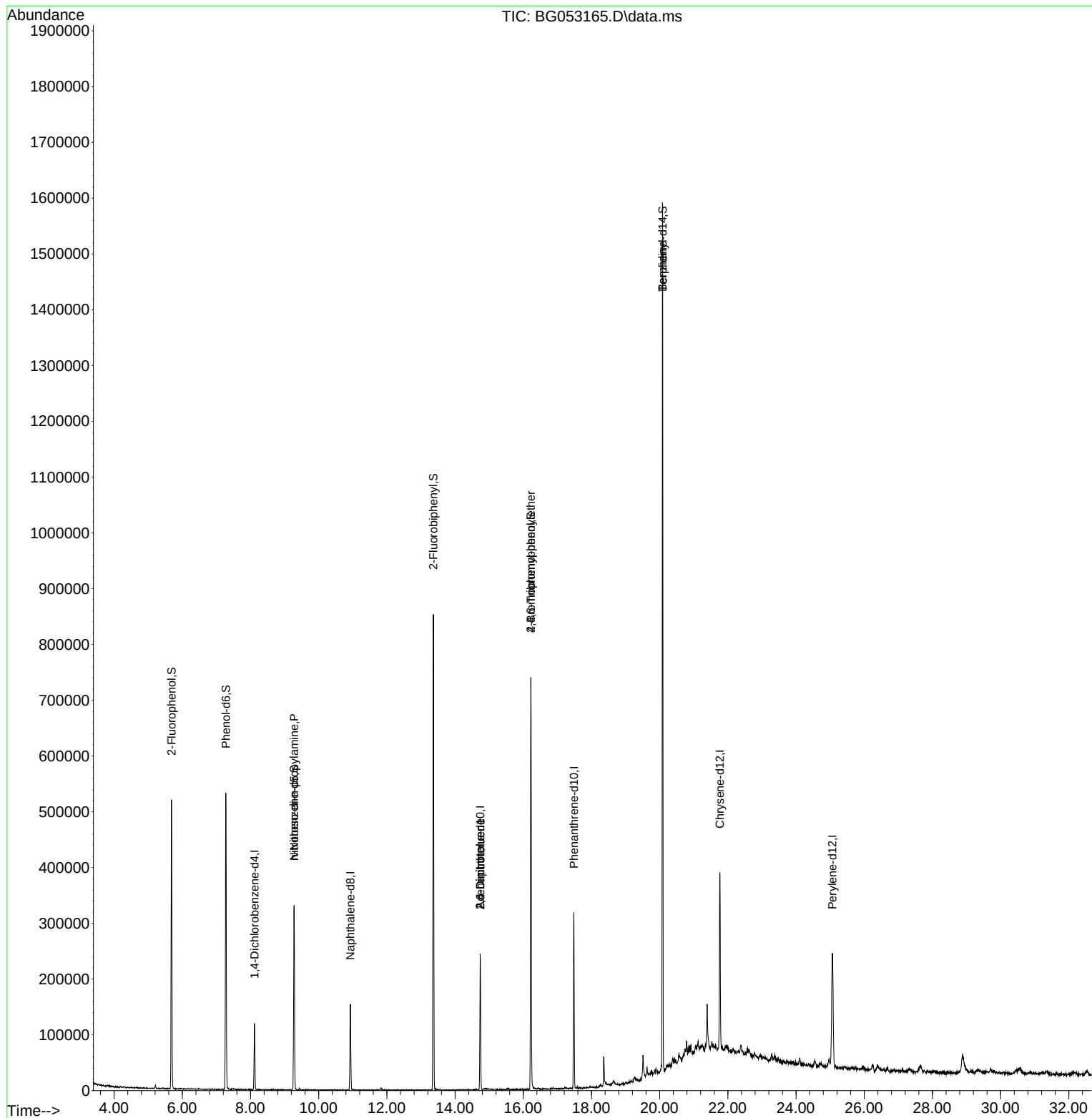
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	32068	20.000	ng	0.00
21) Naphthalene-d8	10.930	136	123251	20.000	ng	# 0.00
39) Acenaphthene-d10	14.736	164	90103	20.000	ng	-0.01
64) Phenanthrene-d10	17.486	188	206740	20.000	ng	0.00
76) Chrysene-d12	21.762	240	214041	20.000	ng	-0.01
86) Perylene-d12	25.064	264	233667	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	208220	111.303	ng	0.00
7) Phenol-d6	7.276	99	300543	104.179	ng	0.00
23) Nitrobenzene-d5	9.279	82	210903	69.479	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	148342	103.482	ng	-0.01
45) 2-Fluorobiphenyl	13.362	172	460436	70.464	ng	0.00
79) Terphenyl-d14	20.088	244	806977	63.675	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.279	70	29188	13.820	ng	# 80
51) 2,6-Dinitrotoluene	14.736	165	11845	7.878	ng	# 24
57) 2,4-Dinitrotoluene	14.736	165	11845	5.534	ng	# 22
67) 4-Bromophenyl-phenylether	16.223	248	9955	3.758	ng	# 1
77) Benzidine	20.088	184	13087	2.143	ng	# 87

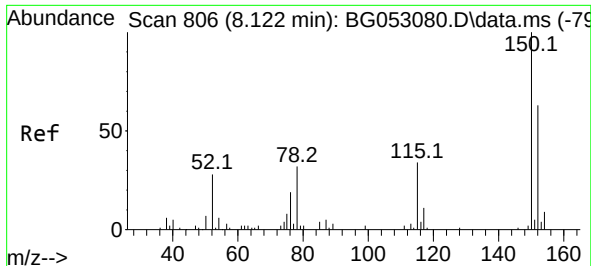
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

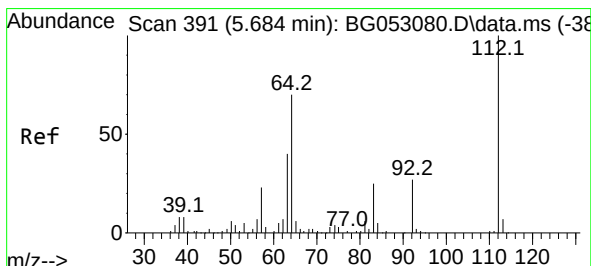
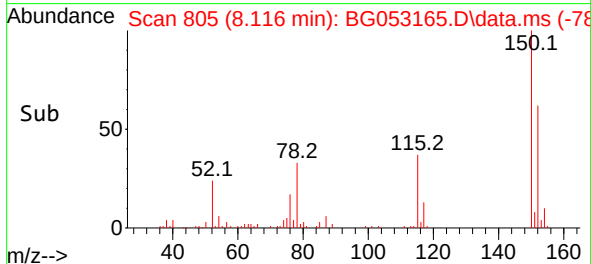
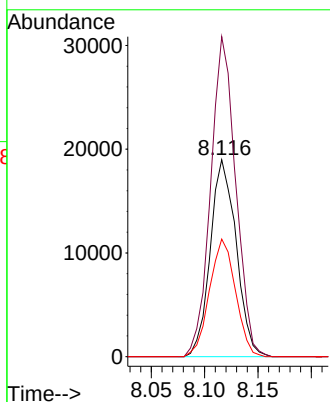
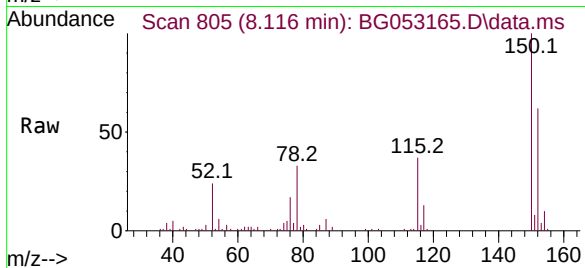




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.116 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BG053165.D
 Acq: 15 Apr 2022 15:26

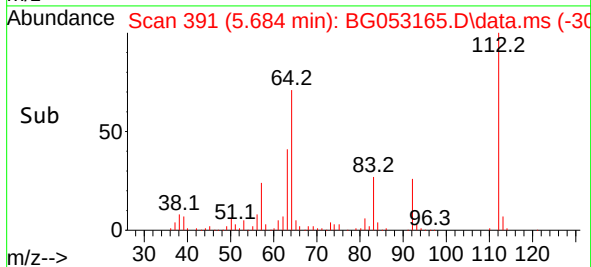
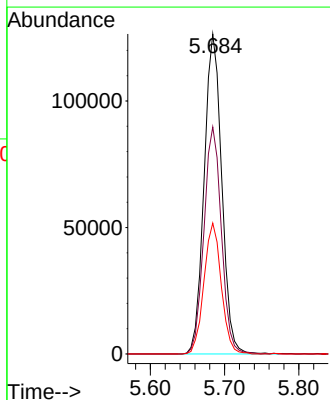
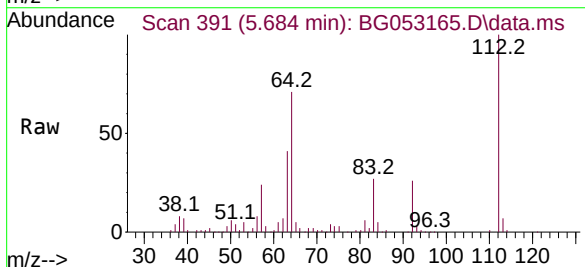
Instrument :
 BNA_G
 ClientSampleId :
 E14-EB1-041322-5-10

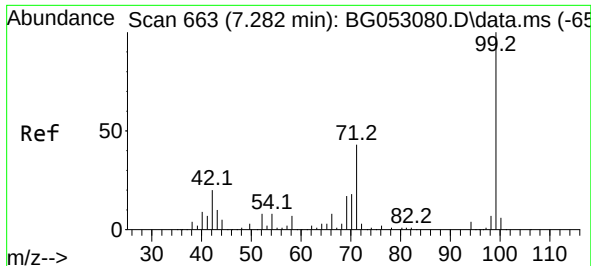
Tgt Ion:152 Resp: 32068
 Ion Ratio Lower Upper
 152 100
 150 162.4 114.6 172.0
 115 59.7 45.9 68.9



#5
 2-Fluorophenol
 Concen: 111.303 ng
 RT: 5.684 min Scan# 391
 Delta R.T. 0.000 min
 Lab File: BG053165.D
 Acq: 15 Apr 2022 15:26

Tgt Ion:112 Resp: 208220
 Ion Ratio Lower Upper
 112 100
 64 70.9 48.0 72.0
 63 40.9 26.5 39.7#

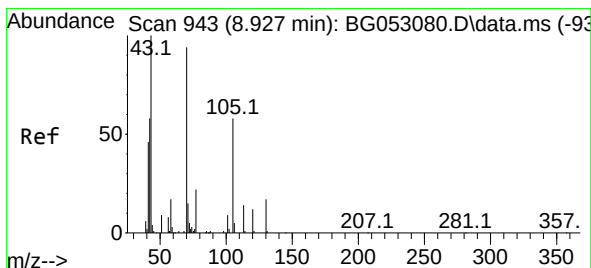
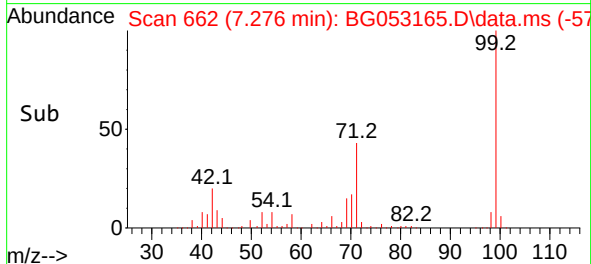
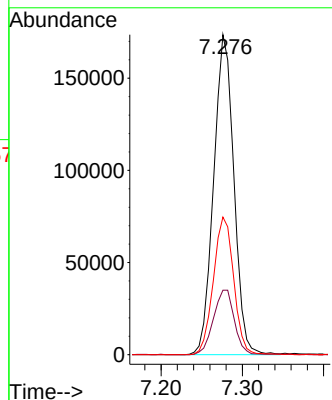
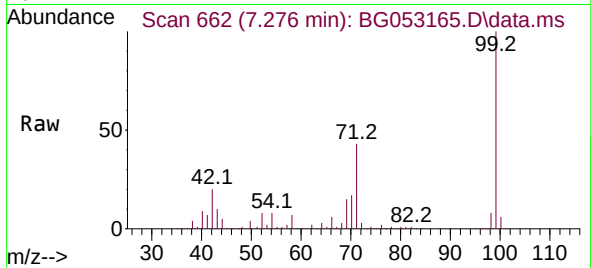




#7
Phenol-d6
Concen: 104.179 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

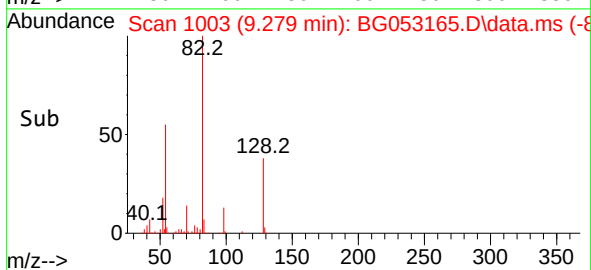
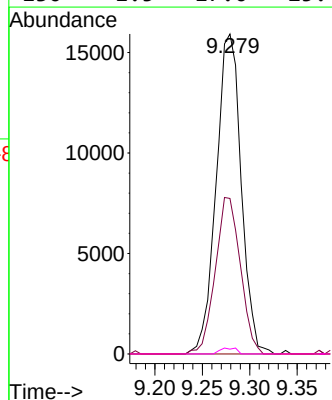
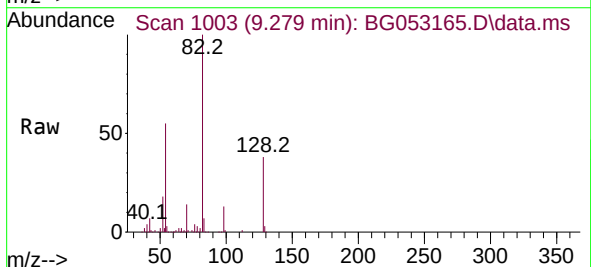
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10

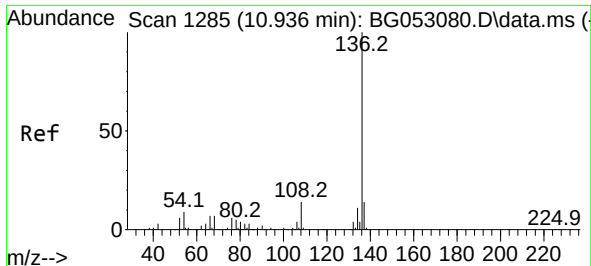
Tgt Ion: 99 Resp: 300543
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 43.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.820 ng
RT: 9.279 min Scan# 1003
Delta R.T. 0.353 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

Tgt Ion: 70 Resp: 29188
Ion Ratio Lower Upper
70 100
42 48.6 46.0 69.0
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#

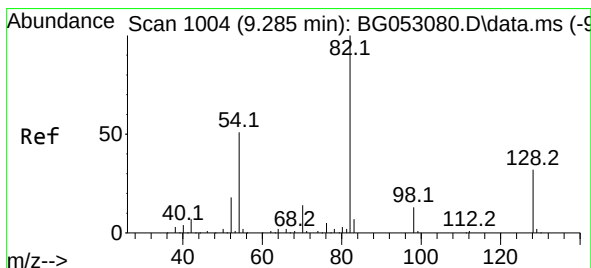
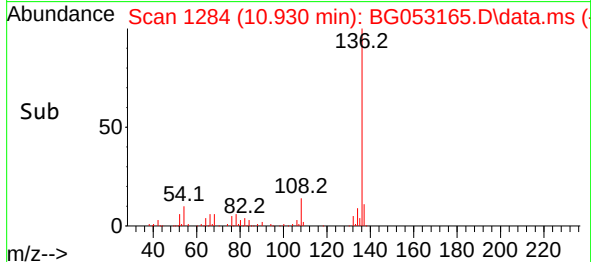
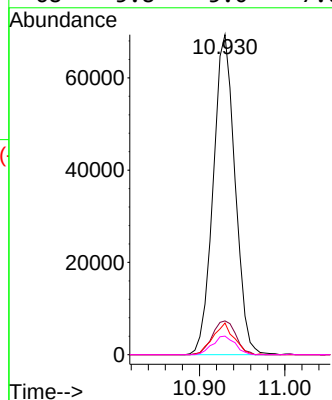
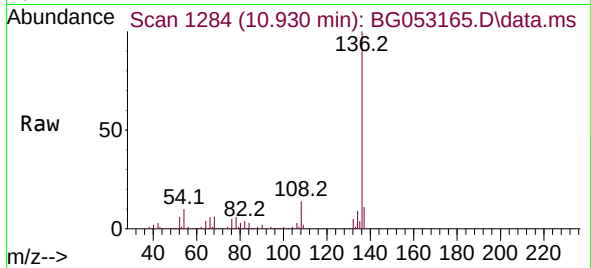




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

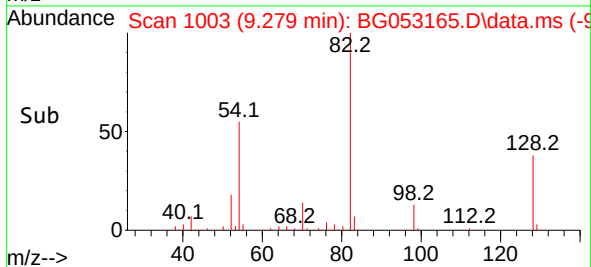
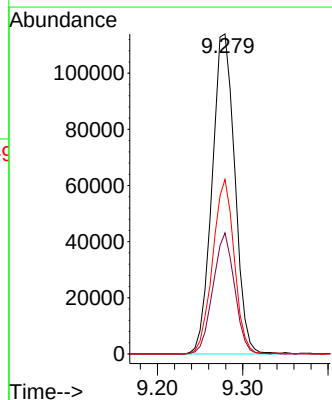
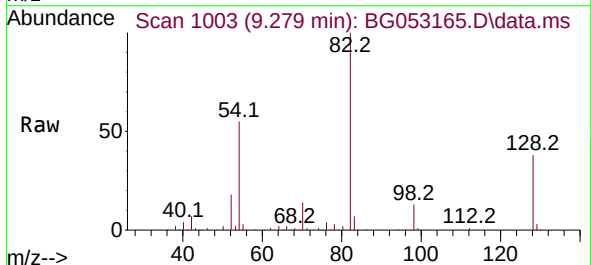
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10

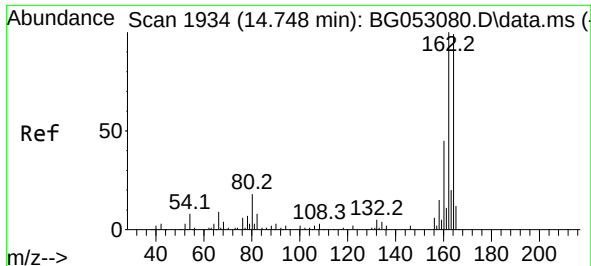
Tgt Ion:	136	Resp:	123251
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.4	14.2
54	9.9	6.4	9.6#
68	5.8	5.0	7.6



#23
Nitrobenzene-d5
Concen: 69.479 ng
RT: 9.279 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

Tgt Ion:	82	Resp:	210903
Ion Ratio	Lower	Upper	
82	100		
128	37.9	31.3	46.9
54	54.5	37.8	56.8

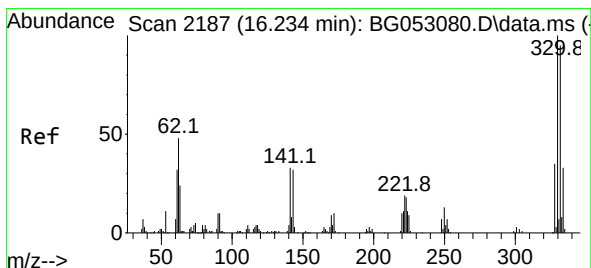
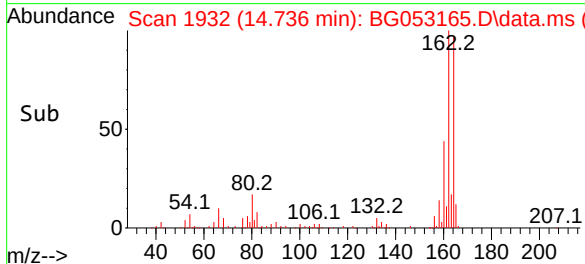
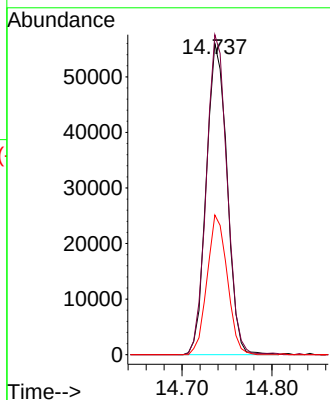
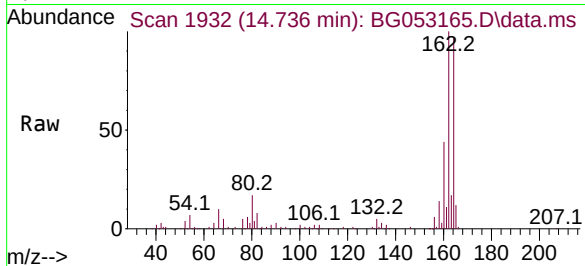




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.736 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

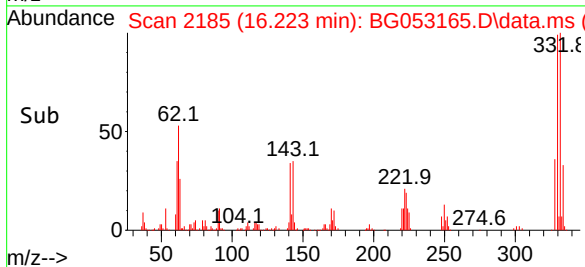
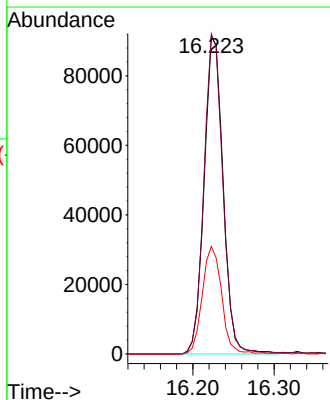
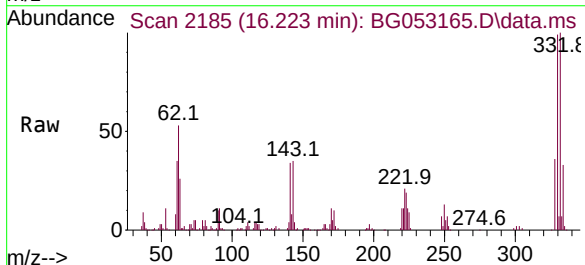
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10

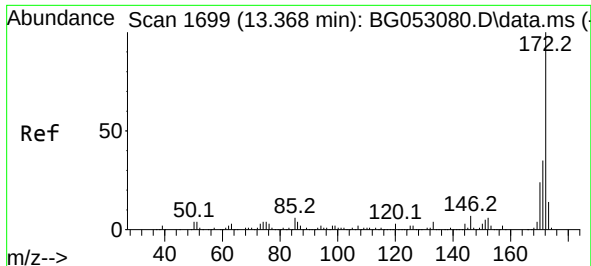
Tgt Ion:164 Resp: 90103
Ion Ratio Lower Upper
164 100
162 102.8 80.0 120.0
160 44.9 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 103.482 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.012 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

Tgt Ion:330 Resp: 148342
Ion Ratio Lower Upper
330 100
332 100.2 75.8 113.6
141 34.6 24.6 36.8

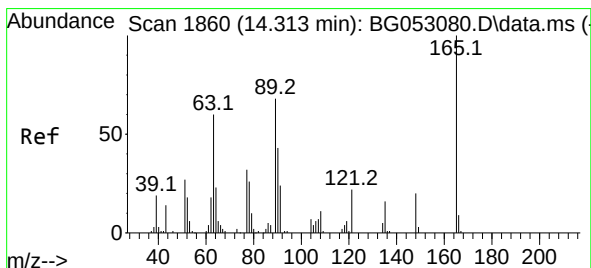
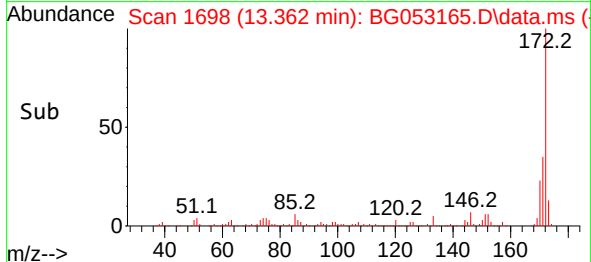
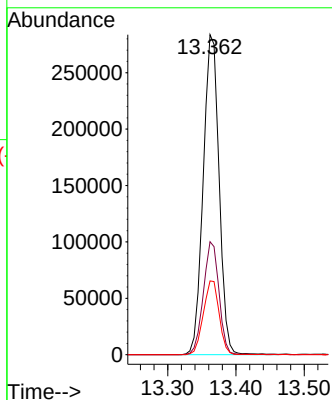
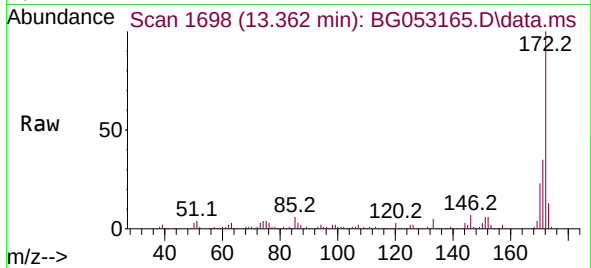




#45
2-Fluorobiphenyl
Concen: 70.464 ng
RT: 13.362 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

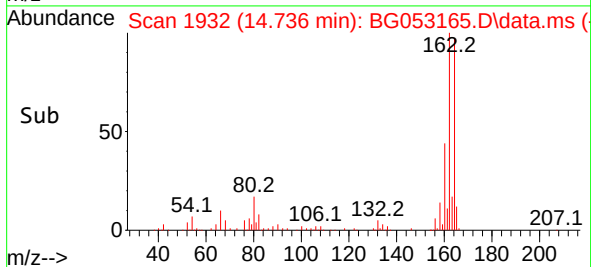
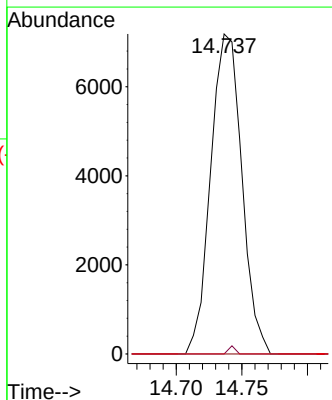
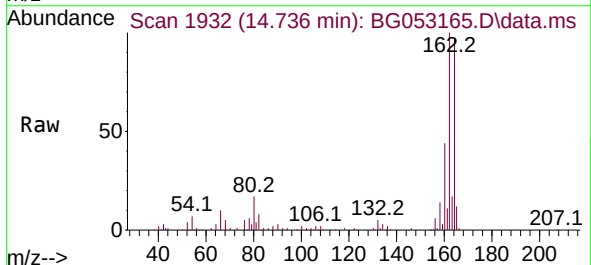
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10

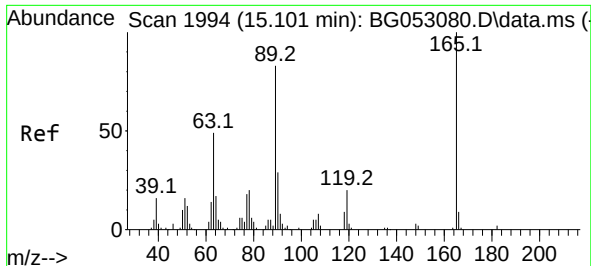
Tgt Ion:172 Resp: 460436
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.1 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.878 ng
RT: 14.736 min Scan# 1932
Delta R.T. 0.423 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

Tgt Ion:165 Resp: 11845
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: 5.534 ng

RT: 14.736 min Scan# 1994

Delta R.T. -0.364 min

Lab File: BG053165.D

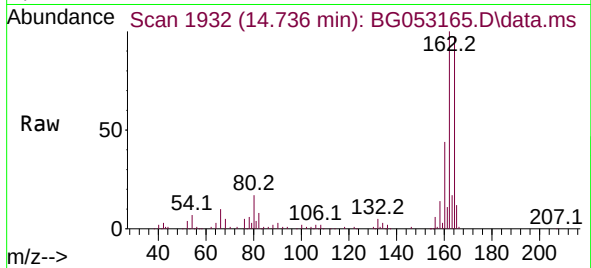
Acq: 15 Apr 2022 15:26

Instrument :

BNA_G

ClientSampleId :

E14-EB1-041322-5-10



Tgt Ion:165 Resp: 11845

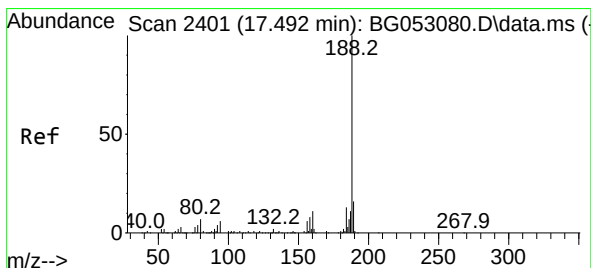
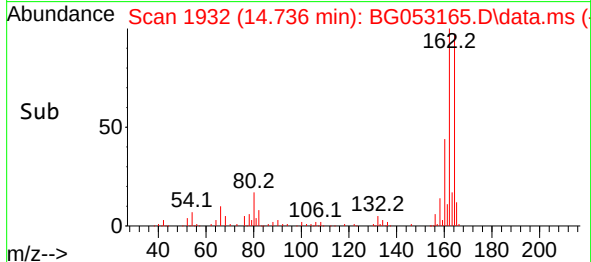
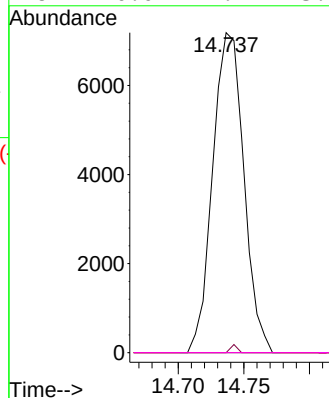
Ion Ratio Lower Upper

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: 17.486 min Scan# 2400

Delta R.T. -0.006 min

Lab File: BG053165.D

Acq: 15 Apr 2022 15:26

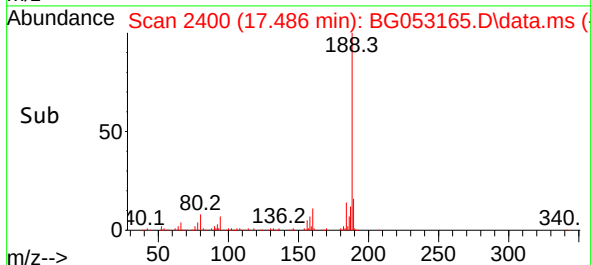
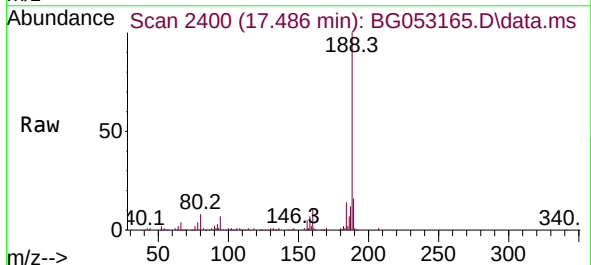
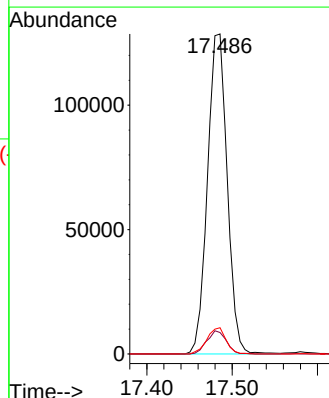
Tgt Ion:188 Resp: 206740

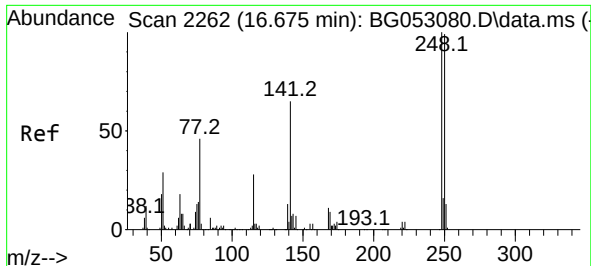
Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

80 8.2 7.2 10.8

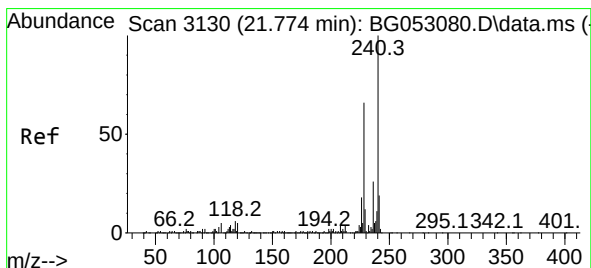
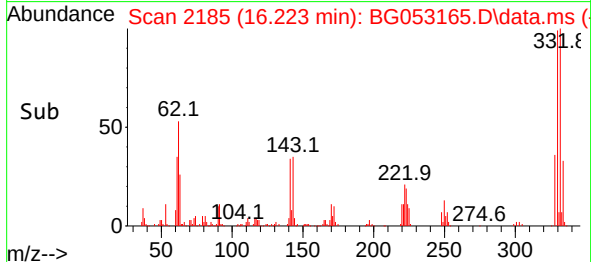
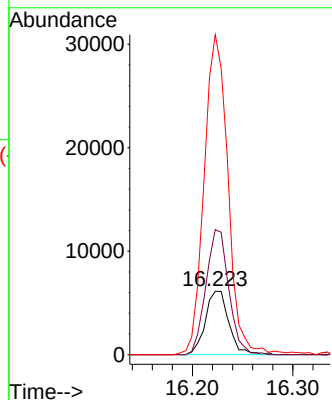
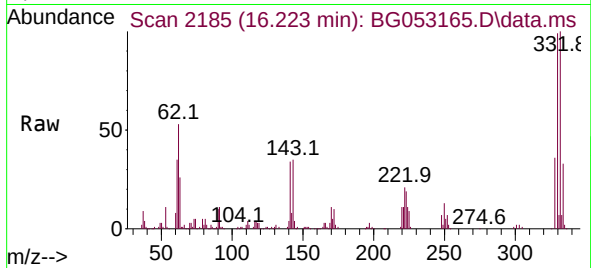




#67
4-Bromophenyl-phenylether
Concen: 3.758 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.452 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

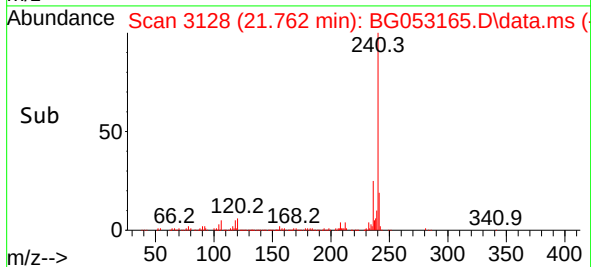
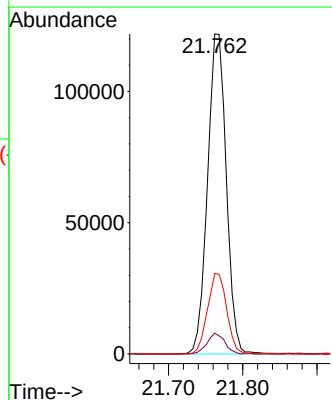
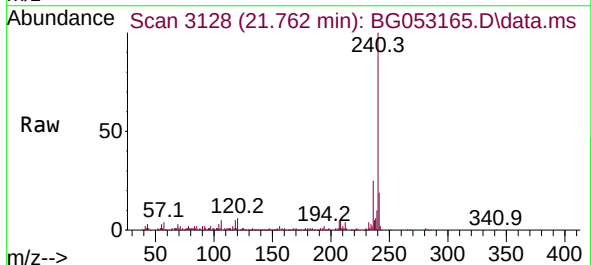
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10

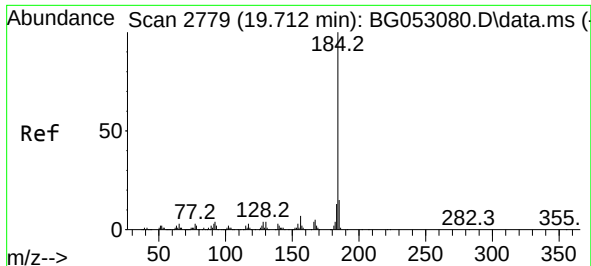
Tgt Ion:248 Resp: 9955
Ion Ratio Lower Upper
248 100
250 197.2 77.9 116.9#
141 504.5 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.762 min Scan# 3128
Delta R.T. -0.012 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

Tgt Ion:240 Resp: 214041
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 25.2 19.8 29.6

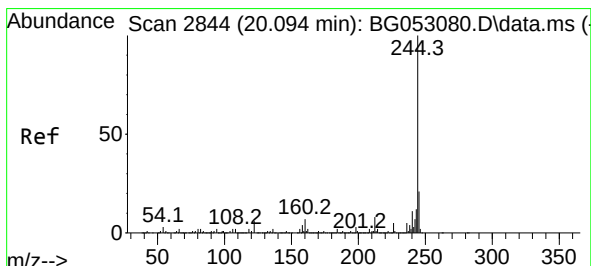
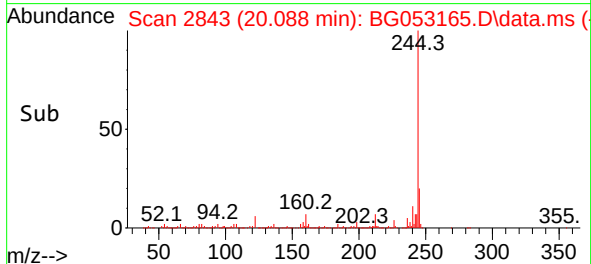
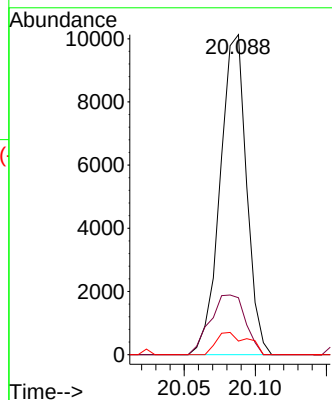
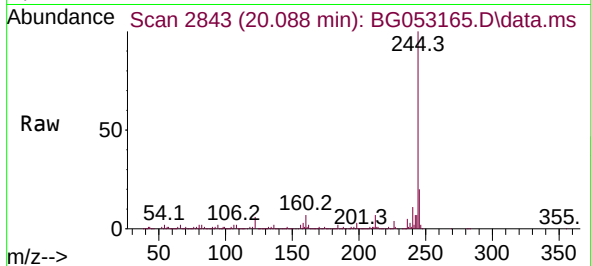




#77
Benzidine
Concen: 2.143 ng
RT: 20.088 min Scan# 2843
Delta R.T. 0.376 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

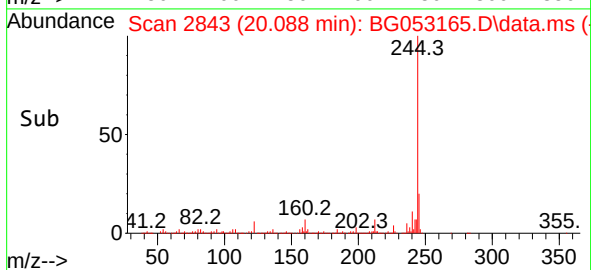
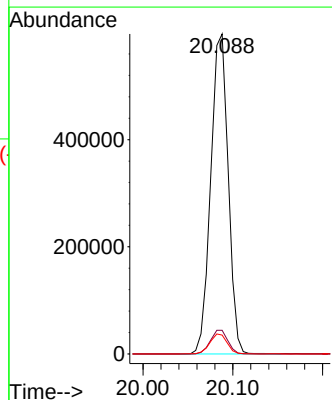
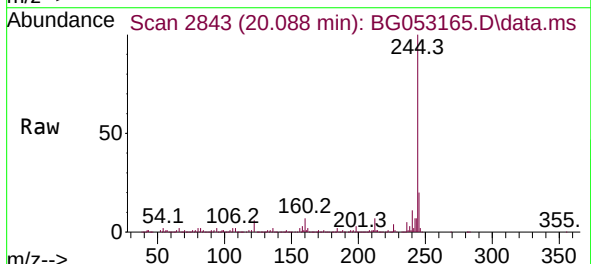
Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10

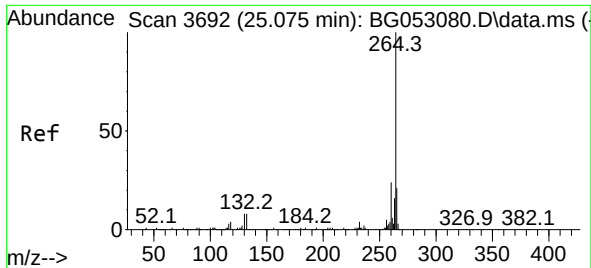
Tgt Ion:184 Resp: 13087
Ion Ratio Lower Upper
184 100
185 17.8 11.5 17.3#
183 4.2 9.4 14.2#



#79
Terphenyl-d14
Concen: 63.675 ng
RT: 20.088 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

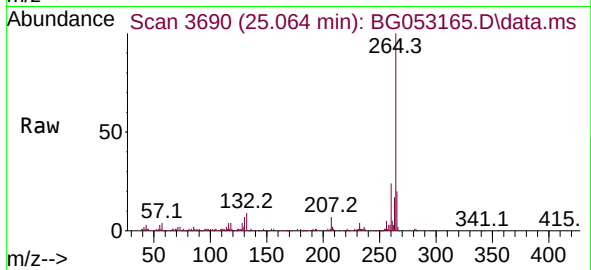
Tgt Ion:244 Resp: 806977
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 5.9 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.064 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG053165.D
Acq: 15 Apr 2022 15:26

Instrument :
BNA_G
ClientSampleId :
E14-EB1-041322-5-10



Tgt Ion:	264	Resp:	233667
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.2	27.2
265	20.0	15.1	22.7

