

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
 Data File : BG054092.D
 Acq On : 27 Jun 2022 14:22
 Operator : CG/JU
 Sample : N3484-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-303-20220623

Quant Time: Jun 28 04:54:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

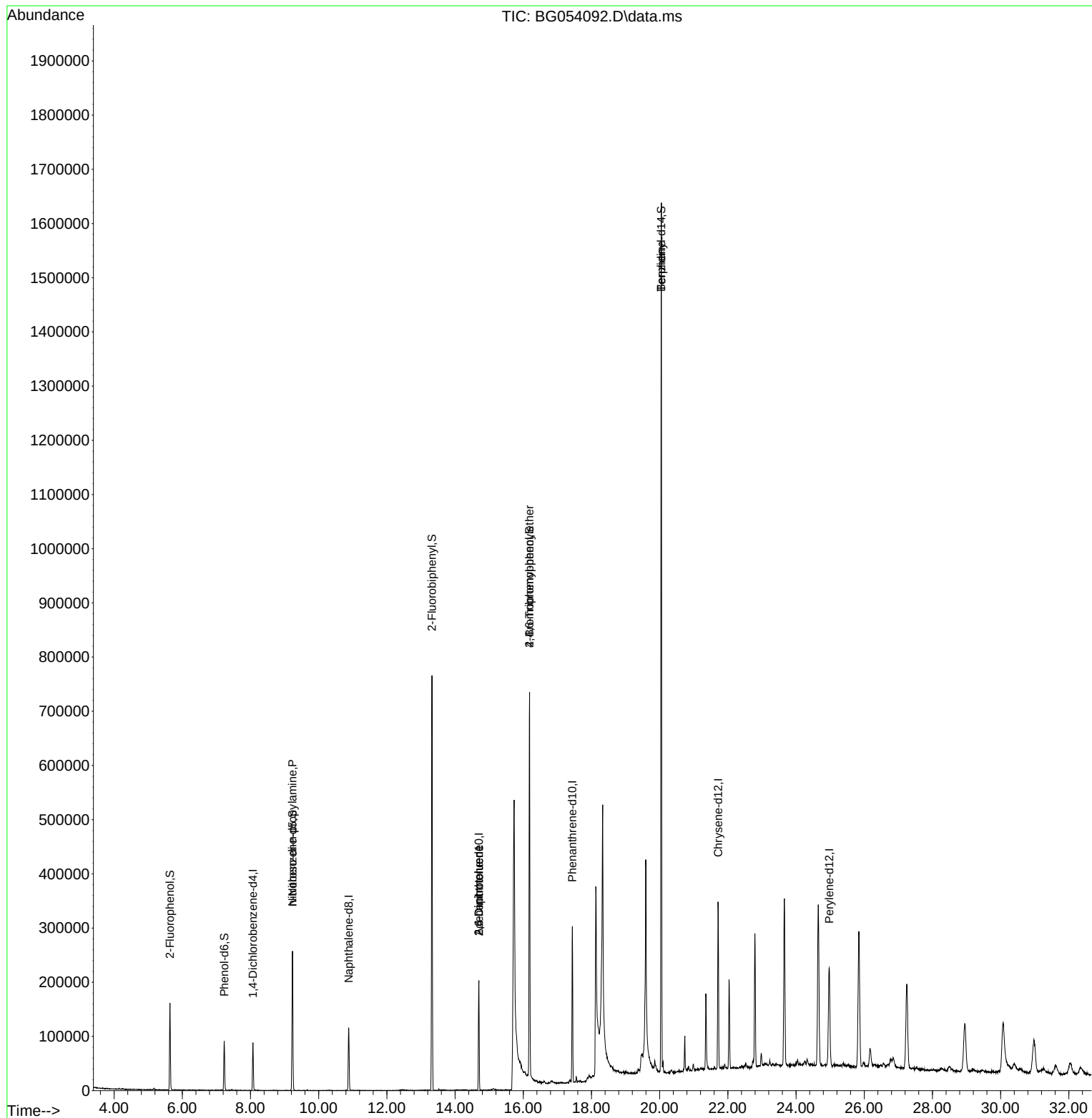
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	27129	20.000	ng	0.00
21) Naphthalene-d8	10.878	136	106340	20.000	ng	0.00
39) Acenaphthene-d10	14.698	164	79591	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	197623	20.000	ng	0.00
76) Chrysene-d12	21.713	240	214433	20.000	ng	0.00
86) Perylene-d12	24.974	264	216406	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	73605	51.873	ng	0.00
7) Phenol-d6	7.230	99	56129	29.159	ng	0.00
23) Nitrobenzene-d5	9.233	82	163384	86.342	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	159037	124.367	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	437939	80.012	ng	0.00
79) Terphenyl-d14	20.050	244	890697	83.660	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.233	70	22407	17.327	ng	# 80
51) 2,6-Dinitrotoluene	14.698	165	10831	8.844	ng	# 16
57) 2,4-Dinitrotoluene	14.698	165	10831	6.262	ng	# 21
67) 4-Bromophenyl-phenylether	16.184	248	10305	4.175	ng	# 1
77) Benzidine	20.050	184	12831	2.889	ng	# 90

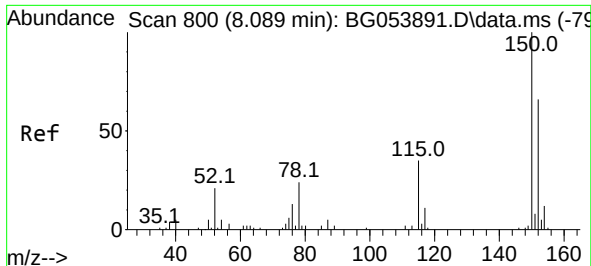
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062722\
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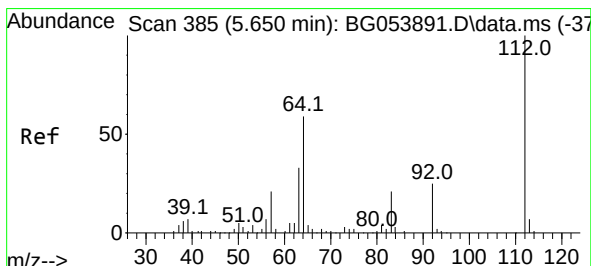
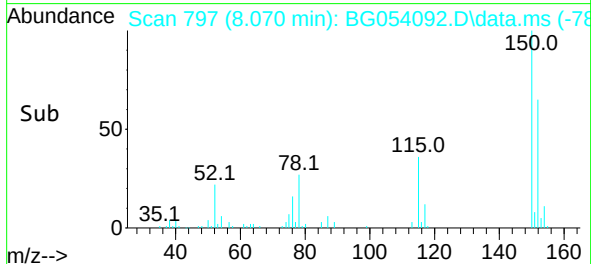
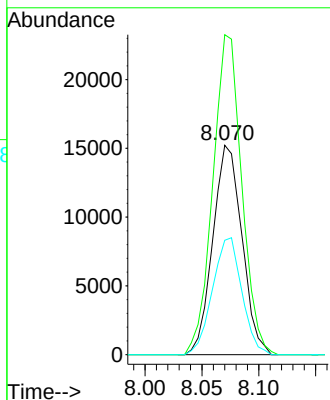
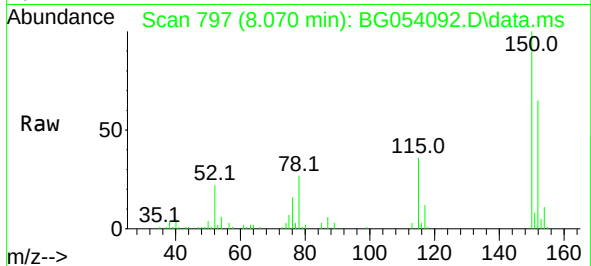




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.070 min Scan# 79
Delta R.T. 0.000 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

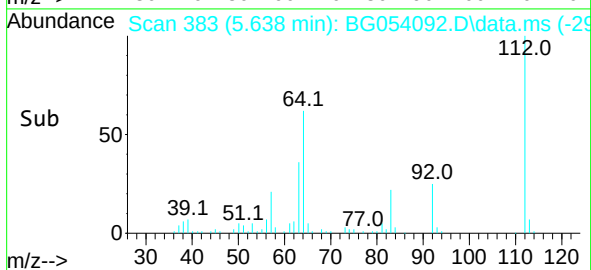
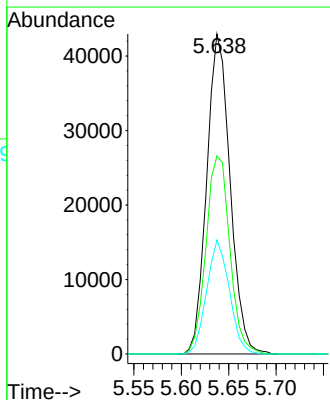
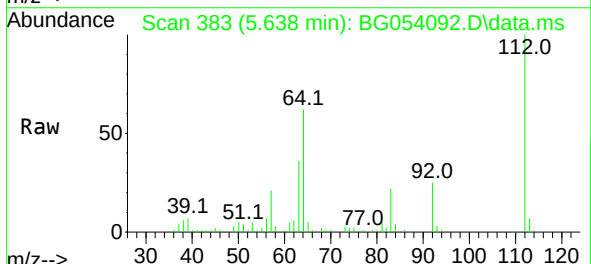
Instrument :
BNA_G
ClientSampleId :
SP-303-20220623

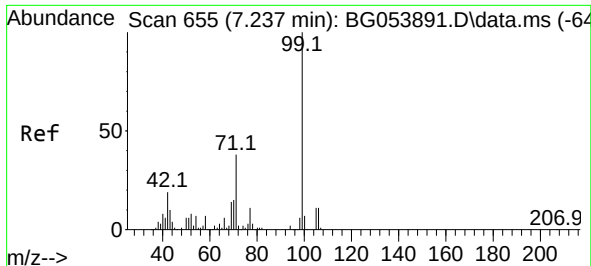
Tgt Ion:152 Resp: 27129
Ion Ratio Lower Upper
152 100
150 152.8 131.6 197.4
115 54.6 50.9 76.3



#5
2-Fluorophenol
Concen: 51.873 ng
RT: 5.638 min Scan# 383
Delta R.T. -0.000 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

Tgt Ion:112 Resp: 73605
Ion Ratio Lower Upper
112 100
64 61.9 55.1 82.7
63 35.6 30.4 45.6

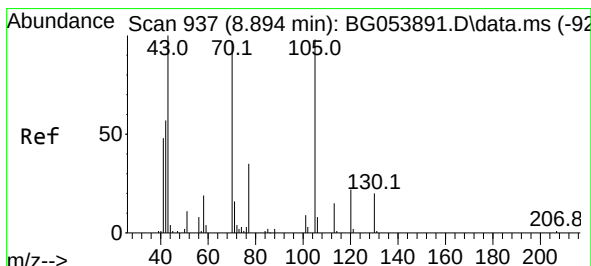
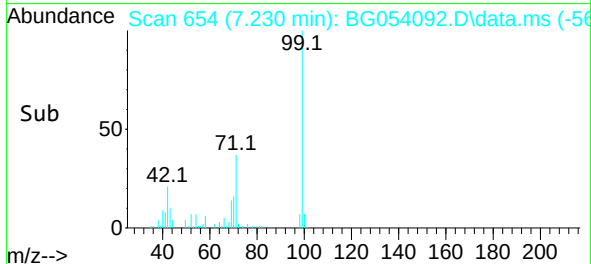
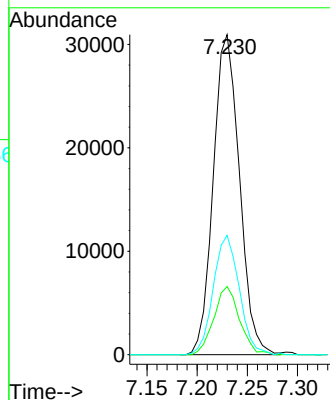
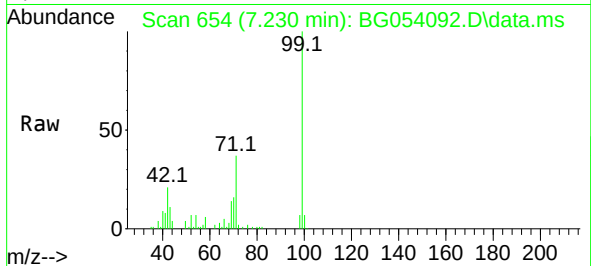




#7
Phenol-d6
Concen: 29.159 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

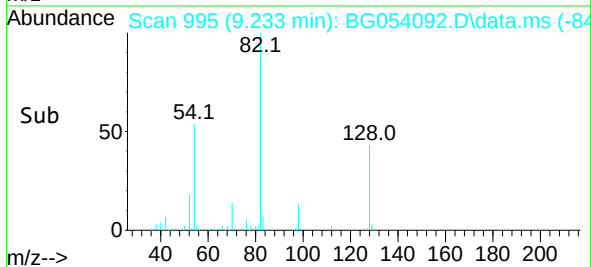
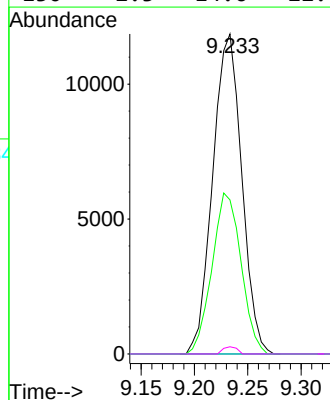
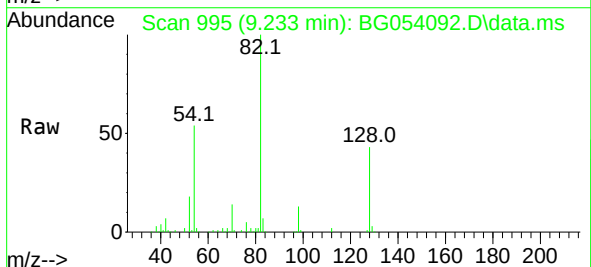
Instrument :
BNA_G
ClientSampleId :
SP-303-20220623

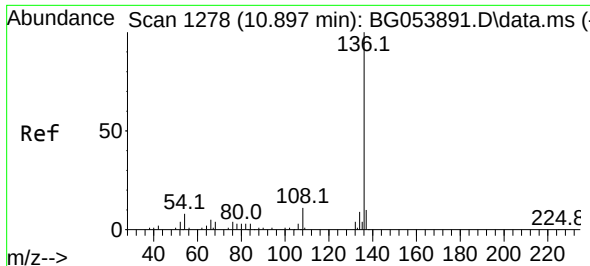
Tgt Ion: 99 Resp: 56129
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 37.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.327 ng
RT: 9.233 min Scan# 995
Delta R.T. 0.358 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

Tgt Ion: 70 Resp: 22407
Ion Ratio Lower Upper
70 100
42 48.1 47.3 70.9
101 0.0 7.0 10.4#
130 2.3 14.6 22.0#

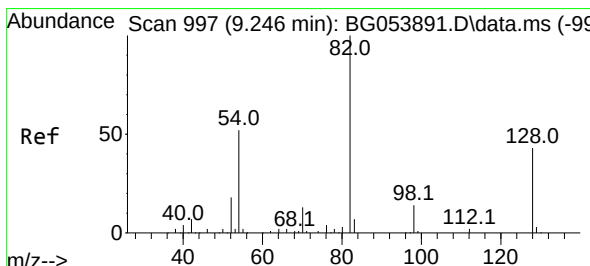
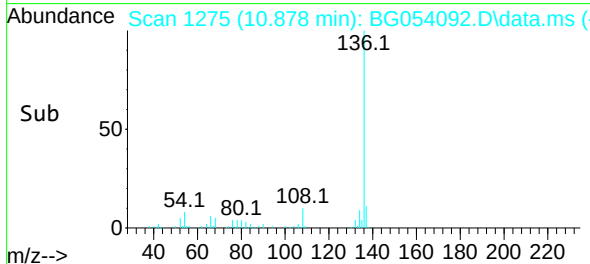
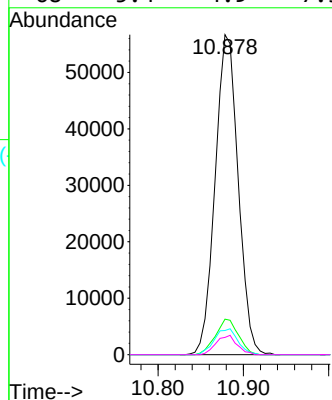
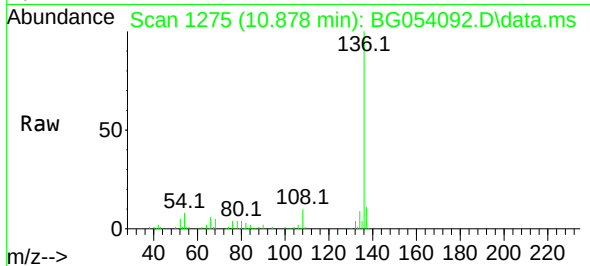




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.878 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

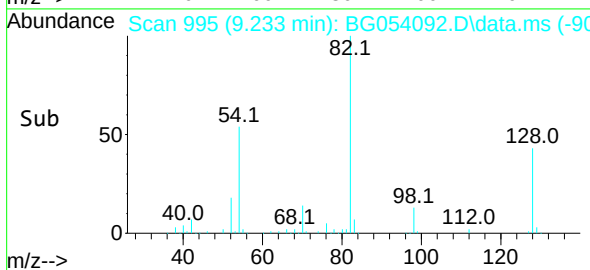
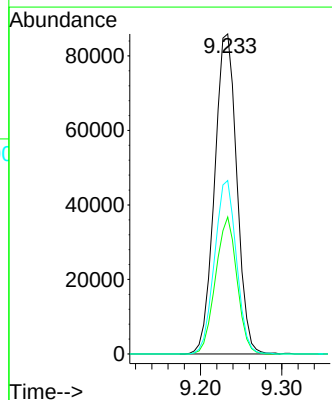
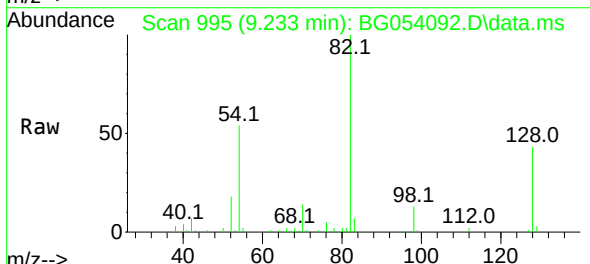
Instrument :
BNA_G
ClientSampleId :
SP-303-20220623

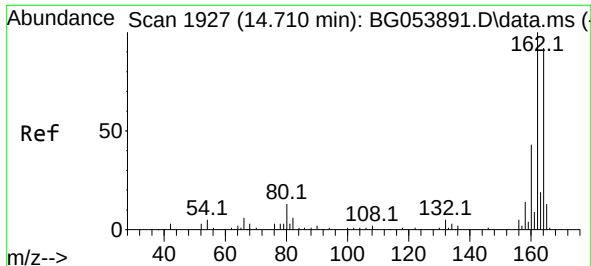
Tgt Ion:	136	Resp:	106340
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.6	7.4	11.2
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 86.342 ng
RT: 9.233 min Scan# 995
Delta R.T. -0.000 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

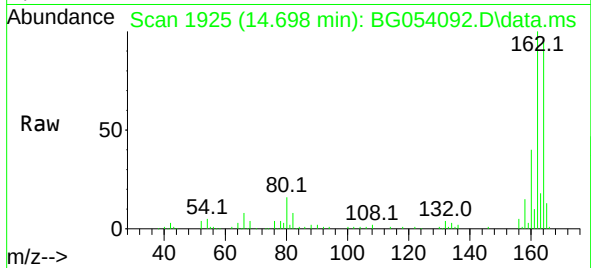
Tgt Ion:	82	Resp:	163384
Ion	Ratio	Lower	Upper
82	100		
128	42.8	27.9	41.9#
54	54.2	41.2	61.8



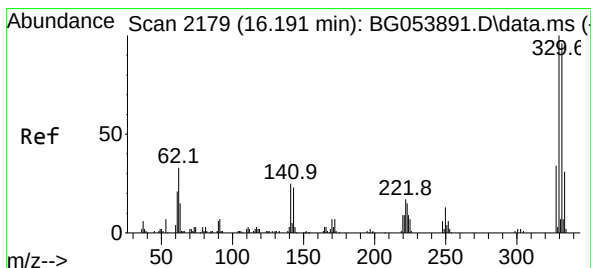
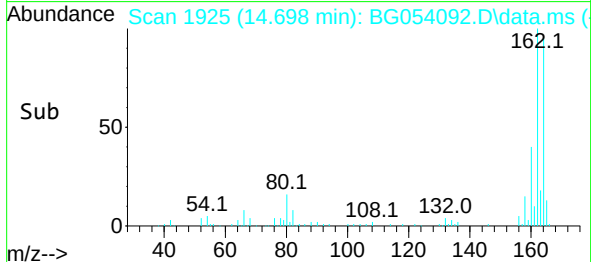
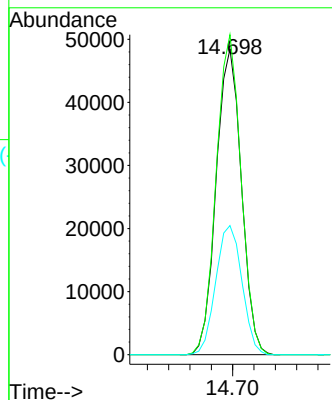


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.698 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

Instrument :
BNA_G
ClientSampleId :
SP-303-20220623

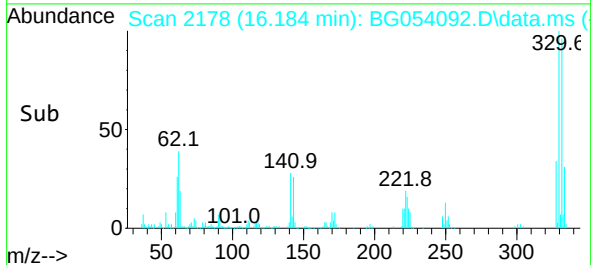
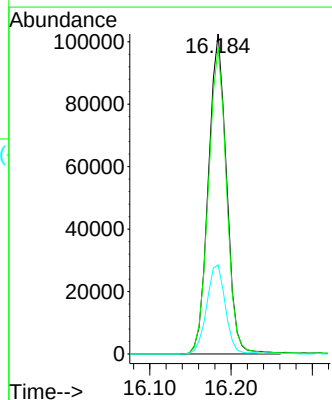
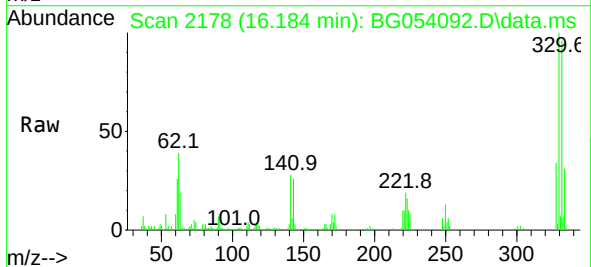


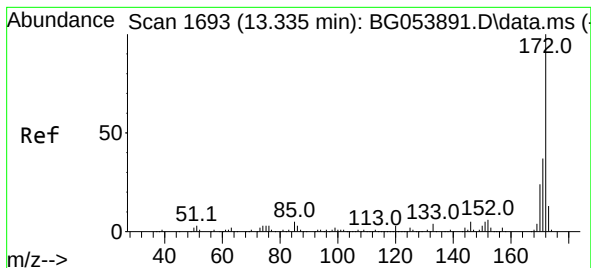
Tgt Ion:164 Resp: 79591
Ion Ratio Lower Upper
164 100
162 104.7 82.3 123.5
160 42.3 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 124.367 ng
RT: 16.184 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

Tgt Ion:330 Resp: 159037
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 28.7 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 80.012 ng

RT: 13.323 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG054092.D

Acq: 27 Jun 2022 14:22

Instrument :

BNA_G

ClientSampleId :

SP-303-20220623

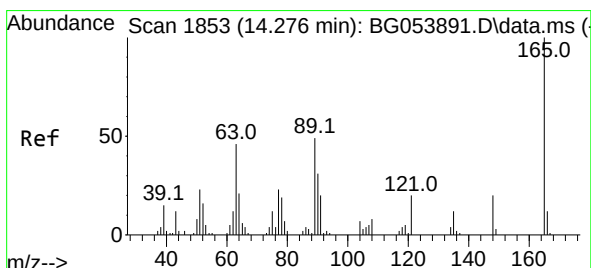
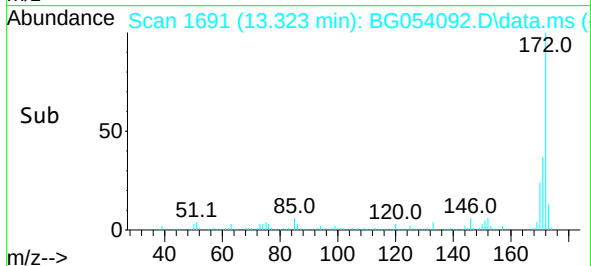
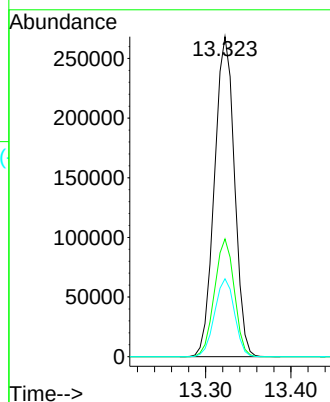
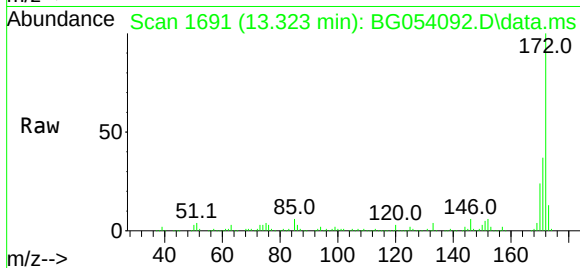
Tgt Ion:172 Resp: 437939

Ion Ratio Lower Upper

172 100

171 36.8 28.5 42.7

170 24.4 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.844 ng

RT: 14.698 min Scan# 1925

Delta R.T. 0.434 min

Lab File: BG054092.D

Acq: 27 Jun 2022 14:22

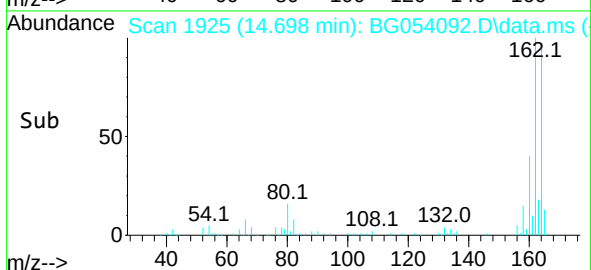
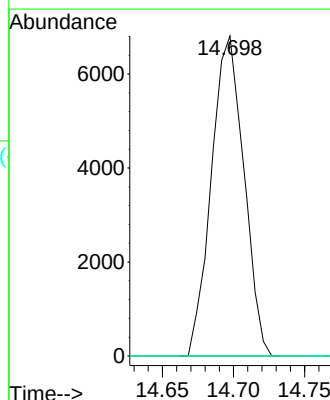
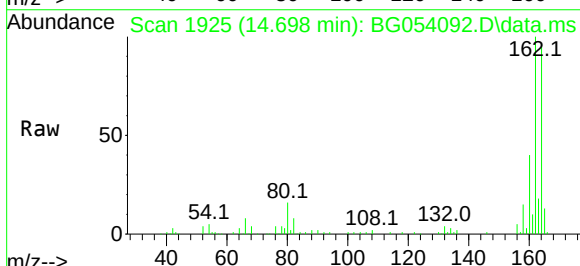
Tgt Ion:165 Resp: 10831

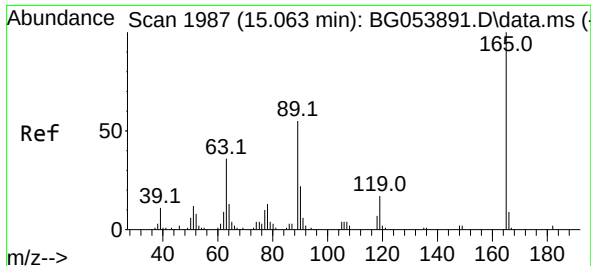
Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.262 ng

RT: 14.698 min Scan# 1987

Delta R.T. -0.353 min

Lab File: BG054092.D

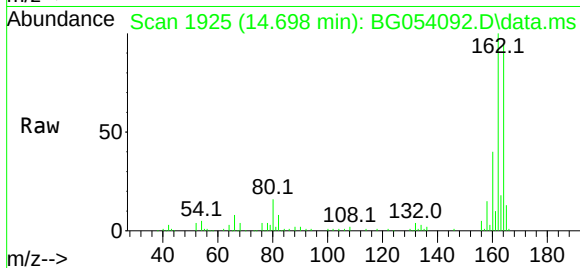
Acq: 27 Jun 2022 14:22

Instrument :

BNA_G

ClientSampleId :

SP-303-20220623



Tgt Ion:165 Resp: 10831

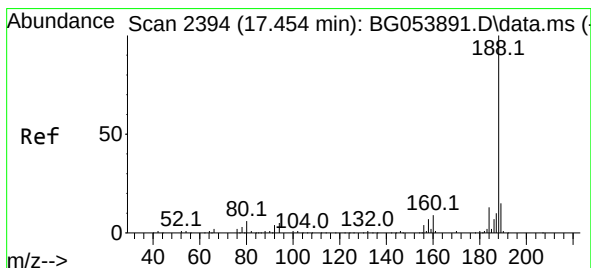
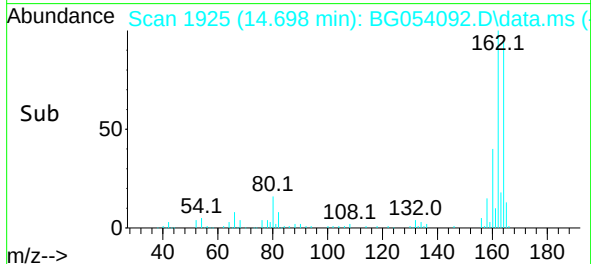
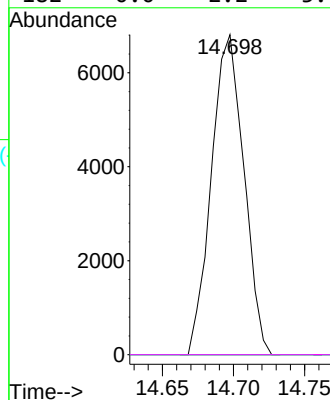
Ion Ratio Lower Upper

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: 17.441 min Scan# 2392

Delta R.T. -0.000 min

Lab File: BG054092.D

Acq: 27 Jun 2022 14:22

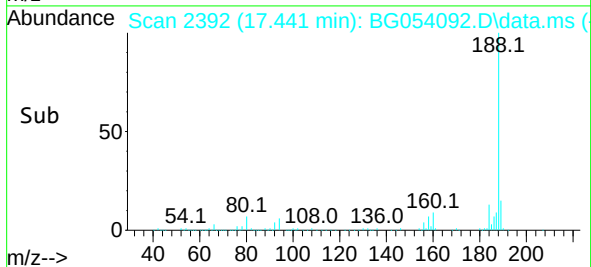
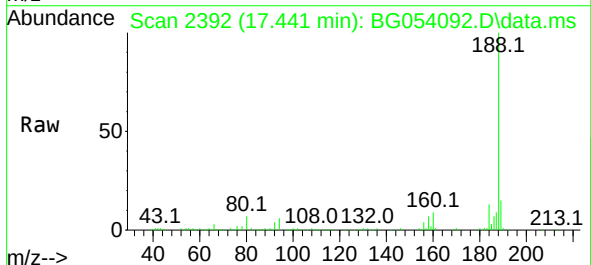
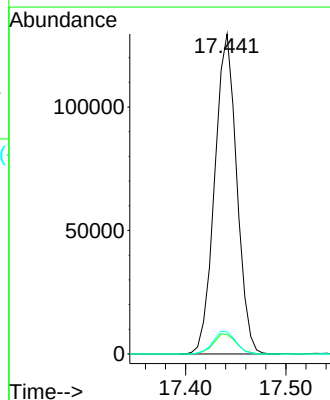
Tgt Ion:188 Resp: 197623

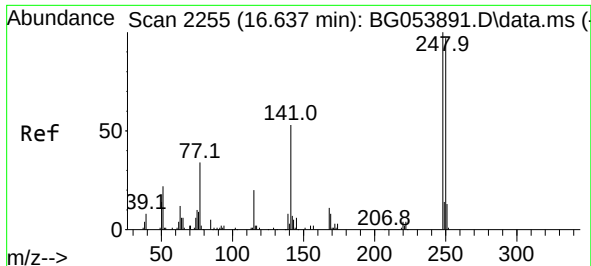
Ion Ratio Lower Upper

188 100

94 6.2 5.4 8.0

80 6.9 6.8 10.2

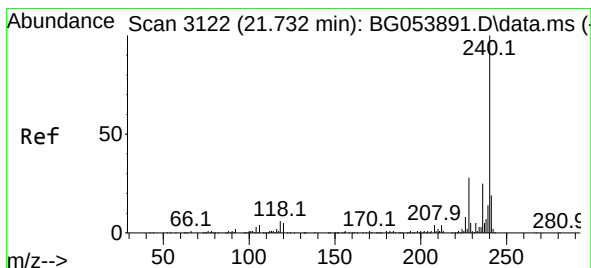
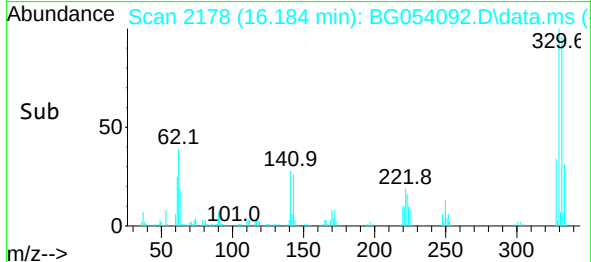
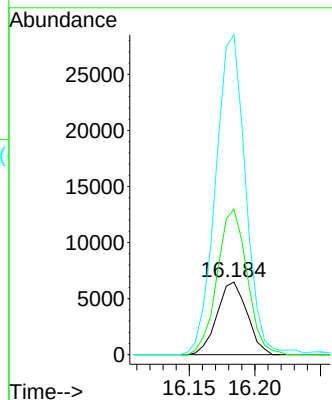
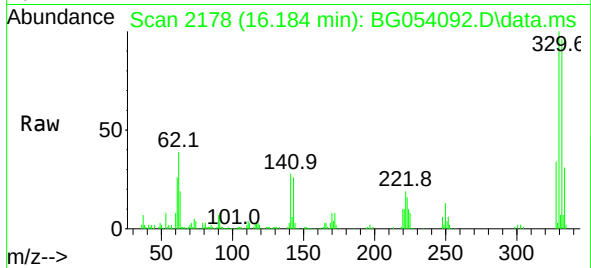




#67
4-Bromophenyl-phenylether
Concen: 4.175 ng
RT: 16.184 min Scan# 2119
Delta R.T. -0.441 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

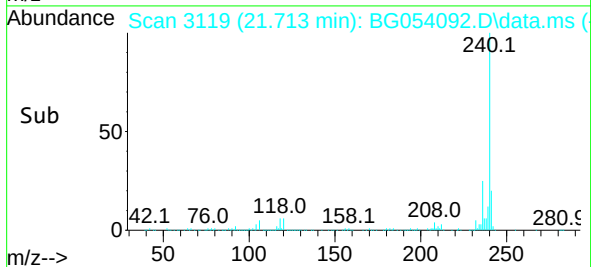
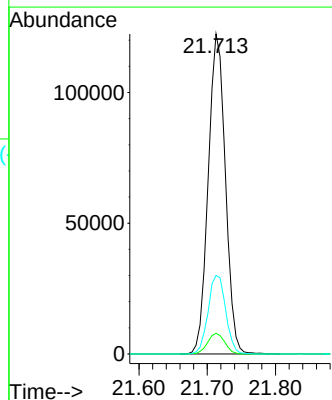
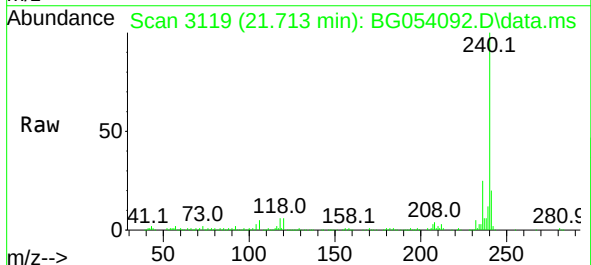
Instrument :
BNA_G
ClientSampleId :
SP-303-20220623

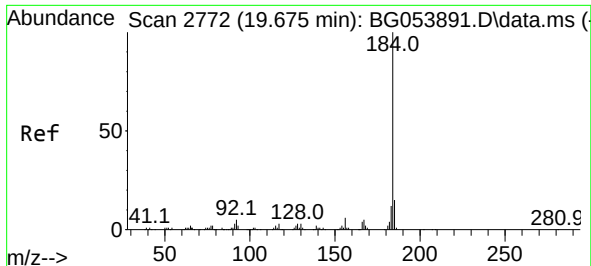
Tgt Ion:248 Resp: 10305
Ion Ratio Lower Upper
248 100
250 154.2 75.2 112.8#
141 339.5 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

Tgt Ion:240 Resp: 214433
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 24.5 20.2 30.4

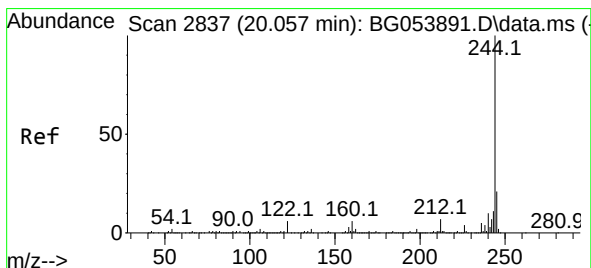
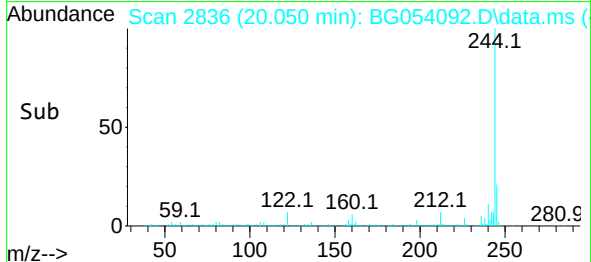
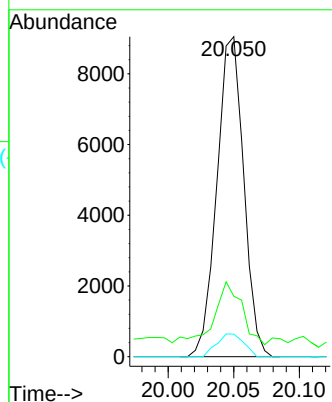
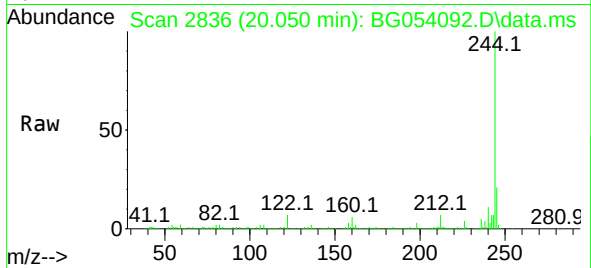




#77
Benzidine
Concen: 2.889 ng
RT: 20.050 min Scan# 21
Delta R.T. 0.387 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

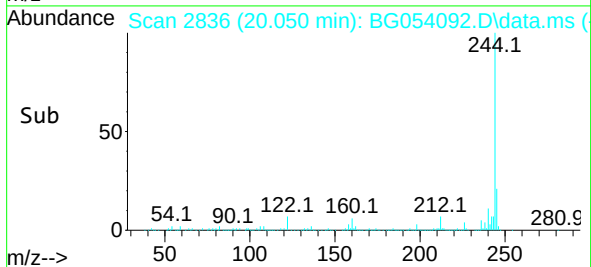
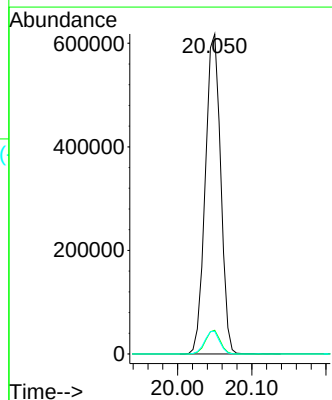
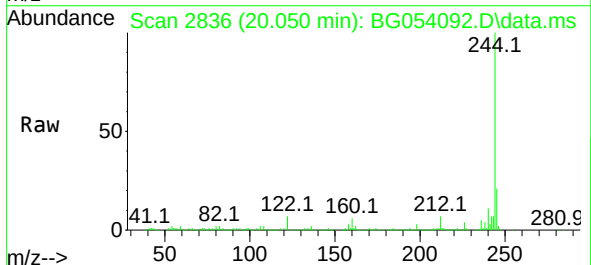
Instrument :
BNA_G
ClientSampleId :
SP-303-20220623

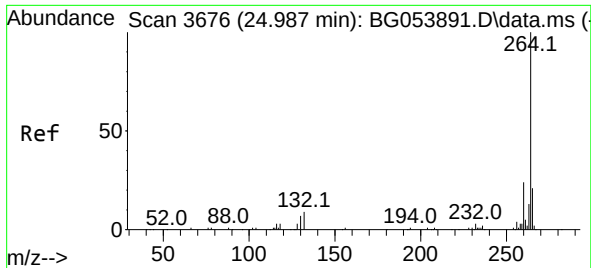
Tgt Ion:184 Resp: 12831
Ion Ratio Lower Upper
184 100
185 18.9 11.8 17.6#
183 7.1 8.9 13.3#



#79
Terphenyl-d14
Concen: 83.660 ng
RT: 20.050 min Scan# 2836
Delta R.T. 0.005 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

Tgt Ion:244 Resp: 890697
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 7.1 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.974 min Scan# 30
Delta R.T. 0.011 min
Lab File: BG054092.D
Acq: 27 Jun 2022 14:22

Instrument :
BNA_G
ClientSampleId :
SP-303-20220623

Tgt Ion:264 Resp: 216406

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.0	28.6
265	20.5	17.4	26.2

