

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
 Data File : BG052676.D
 Acq On : 16 Mar 2022 13:41
 Operator : CG/JU
 Sample : PB143171BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143171BL

Quant Time: Mar 16 14:19:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 11:53:01 2022
 Response via : Initial Calibration

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

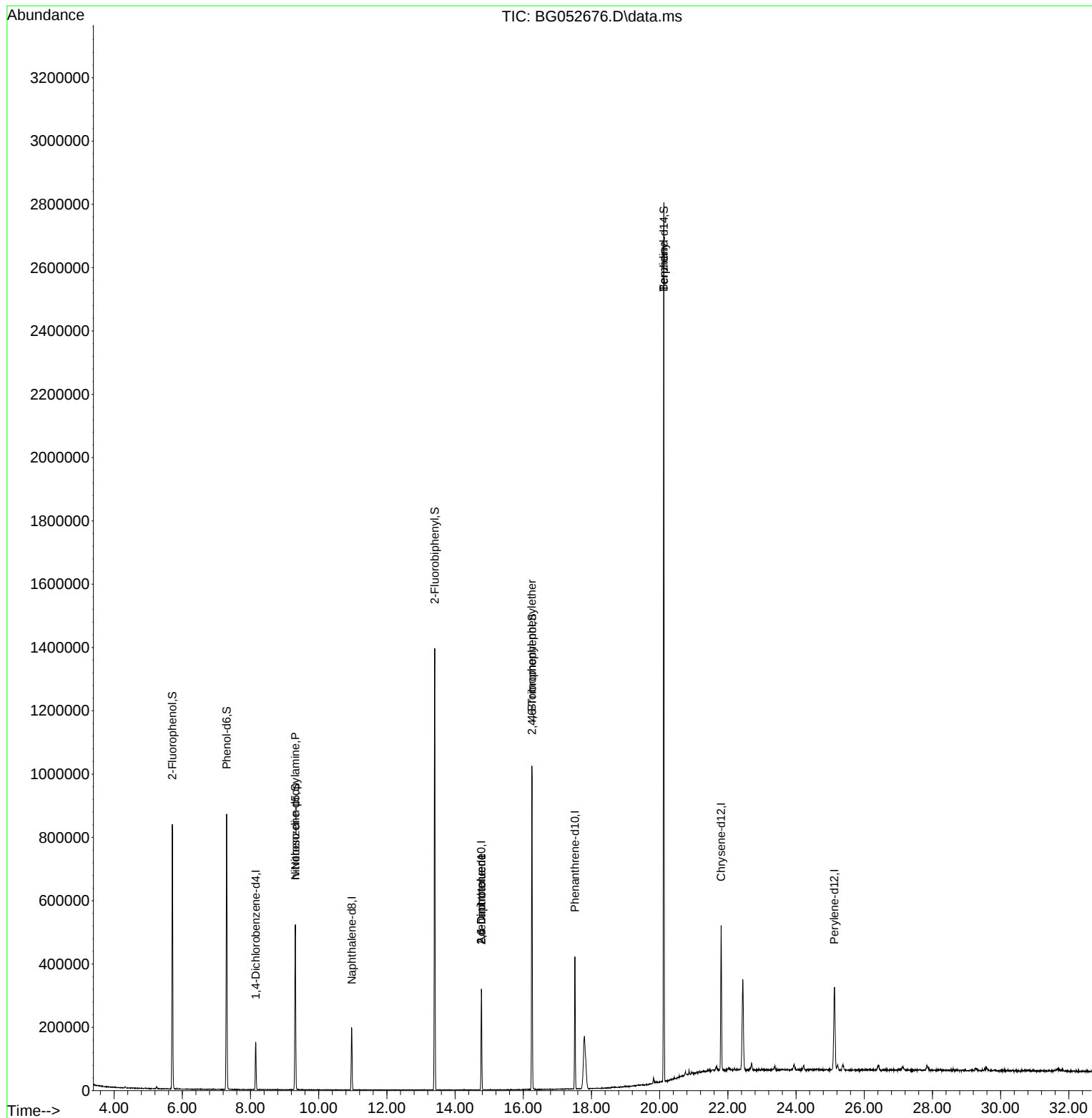
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	41662	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	166790	20.000	ng	0.00
39) Acenaphthene-d10	14.772	164	115635	20.000	ng	0.00
64) Phenanthrene-d10	17.516	188	262317	20.000	ng	0.00
76) Chrysene-d12	21.804	240	300013	20.000	ng	0.00
86) Perylene-d12	25.123	264	293844	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.708	112	353551	147.788	ng	0.00
7) Phenol-d6	7.300	99	488031	135.315	ng	0.00
23) Nitrobenzene-d5	9.315	82	325485	97.945	ng	0.00
42) 2,4,6-Tribromophenol	16.259	330	199470	128.374	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	721719	92.050	ng	0.00
79) Terphenyl-d14	20.124	244	1429319	84.748	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.315	70	44940	17.593	ng	# 80
51) 2,6-Dinitrotoluene	14.772	165	14952	10.305	ng	# 25
57) 2,4-Dinitrotoluene	14.772	165	14952	7.427	ng	# 24
67) 4-Bromophenyl-phenylether	16.253	248	13725	4.340	ng	# 1
77) Benzidine	20.118	184	25841	3.340	ng	# 93

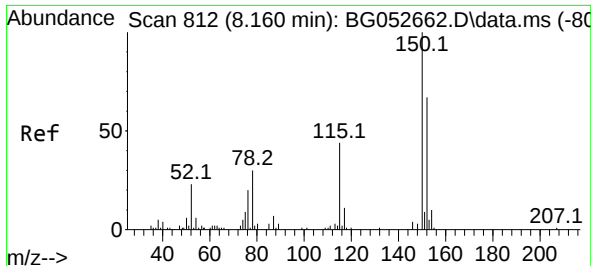
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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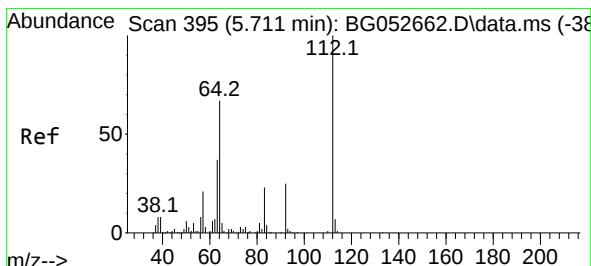
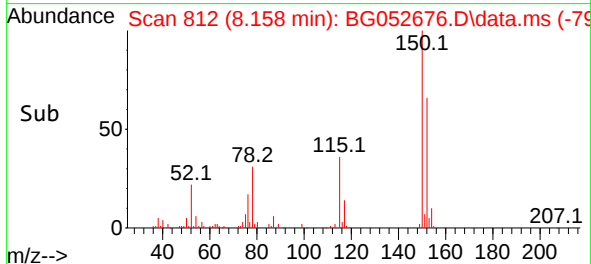
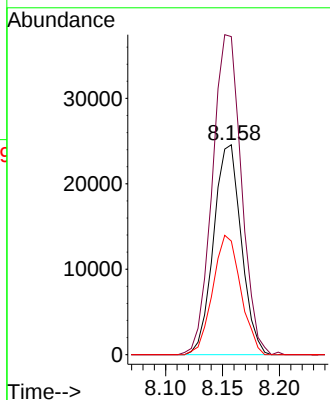
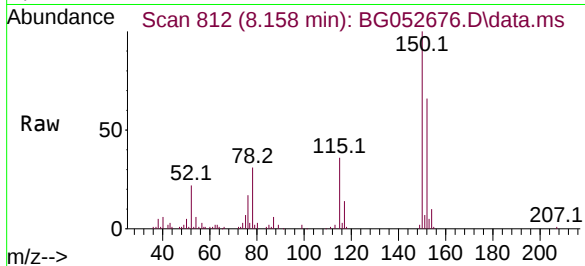




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

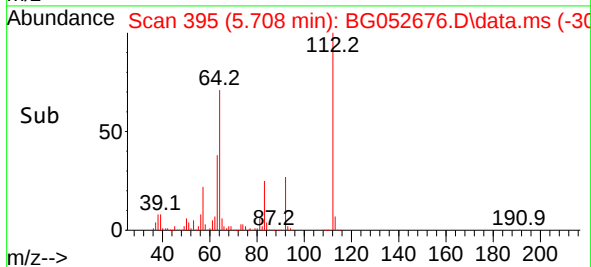
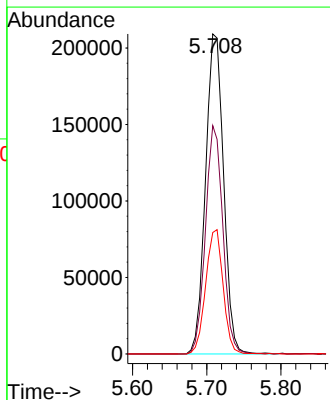
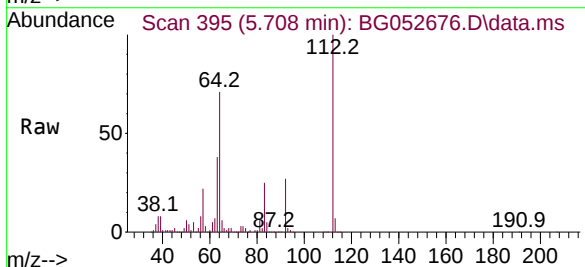
Instrument :
BNA_G
ClientSampleId :
PB143171BL

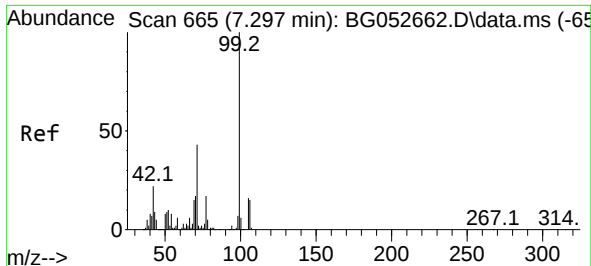
Tgt Ion:152 Resp: 41662
Ion Ratio Lower Upper
152 100
150 151.5 114.6 172.0
115 54.2 45.9 68.9



#5
2-Fluorophenol
Concen: 147.788 ng
RT: 5.708 min Scan# 395
Delta R.T. -0.003 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

Tgt Ion:112 Resp: 353551
Ion Ratio Lower Upper
112 100
64 71.3 48.0 72.0
63 37.9 26.5 39.7

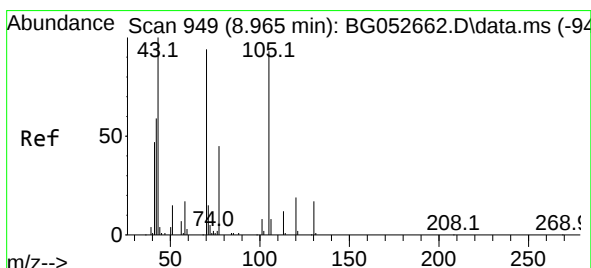
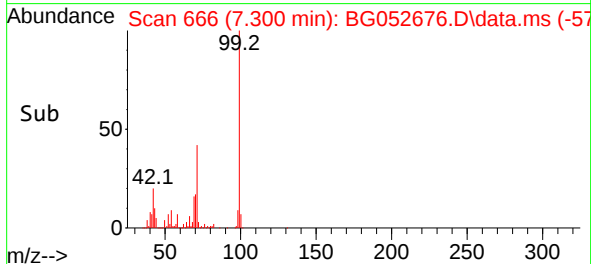
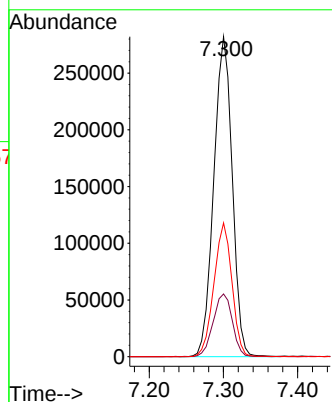
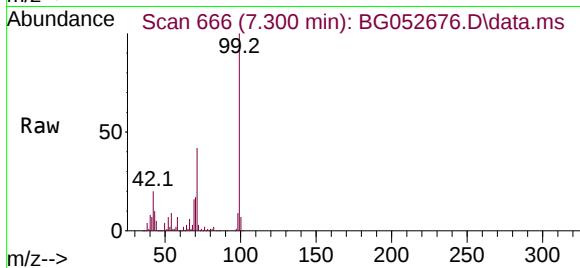




#7
Phenol-d6
Concen: 135.315 ng
RT: 7.300 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

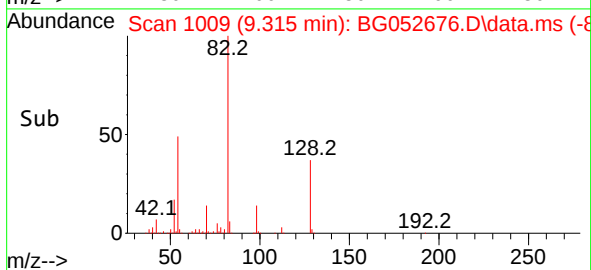
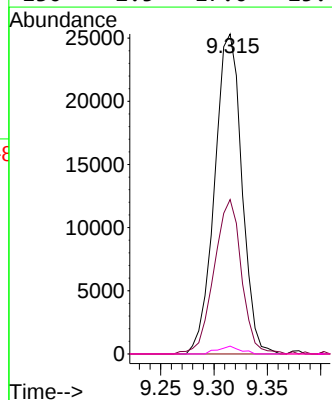
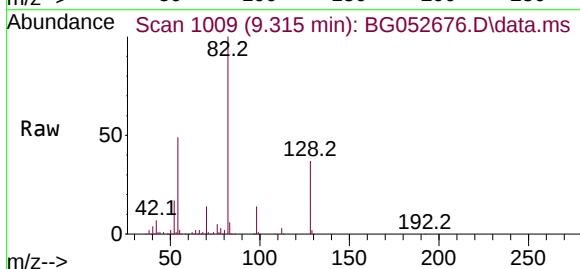
Instrument :
BNA_G
ClientSampleId :
PB143171BL

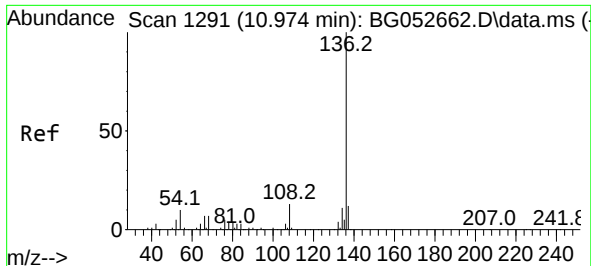
Tgt Ion: 99 Resp: 488031
Ion Ratio Lower Upper
99 100
42 19.6 14.7 22.1
71 41.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.593 ng
RT: 9.315 min Scan# 1009
Delta R.T. 0.350 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

Tgt Ion: 70 Resp: 44940
Ion Ratio Lower Upper
70 100
42 48.2 46.0 69.0
101 0.0 6.2 9.4#
130 2.5 17.0 25.4#

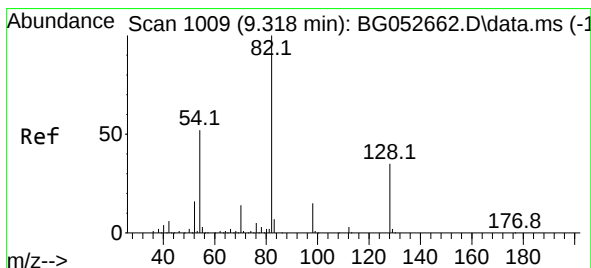
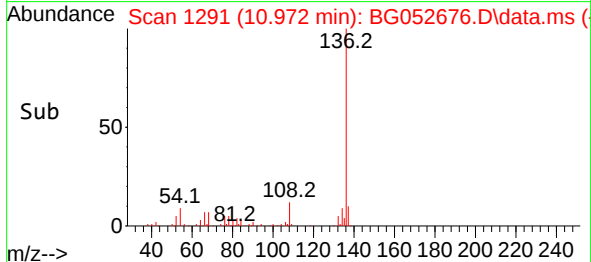
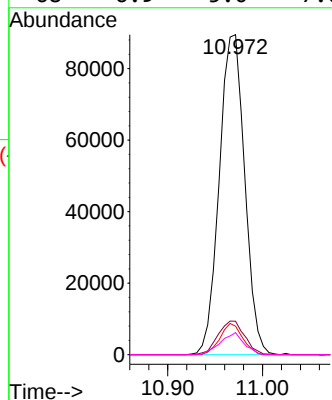
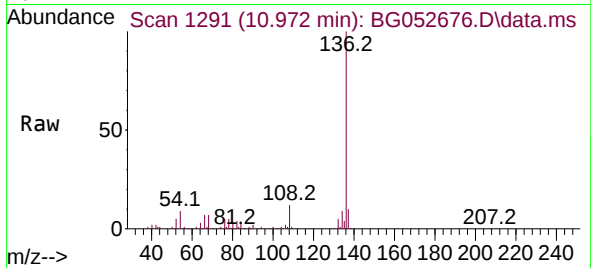




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1291
Delta R.T. -0.002 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

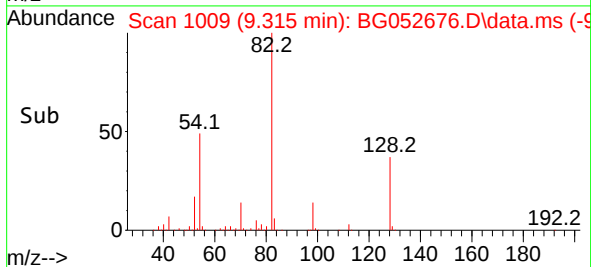
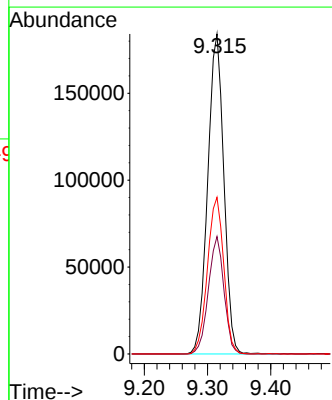
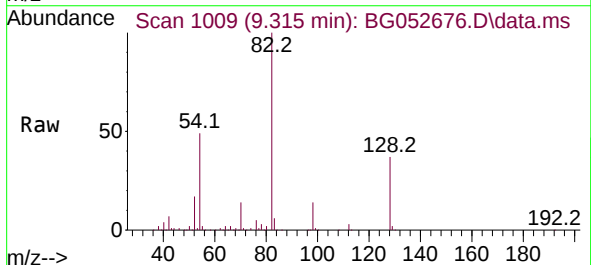
Instrument :
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ClientSampleId :
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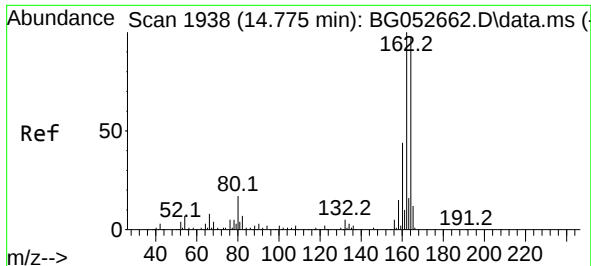
Tgt Ion:136 Resp: 166790
Ion Ratio Lower Upper
136 100
137 10.5 9.4 14.2
54 8.9 6.4 9.6
68 6.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 97.945 ng
RT: 9.315 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

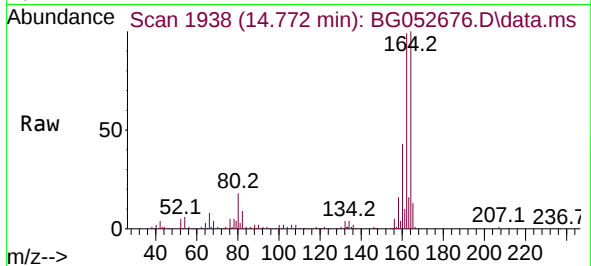
Tgt Ion: 82 Resp: 325485
Ion Ratio Lower Upper
82 100
128 36.7 31.3 46.9
54 49.0 37.8 56.8



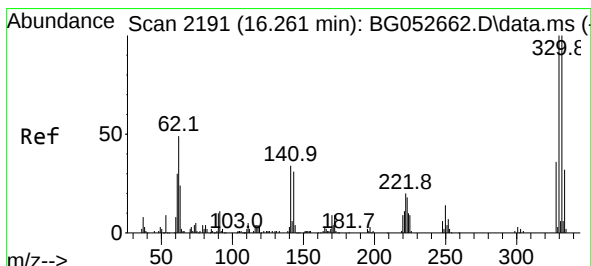
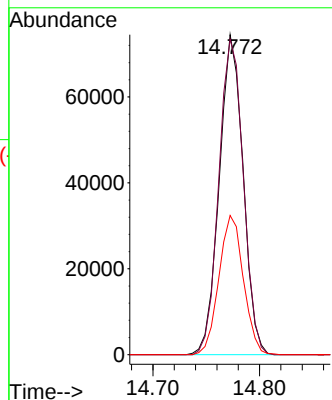
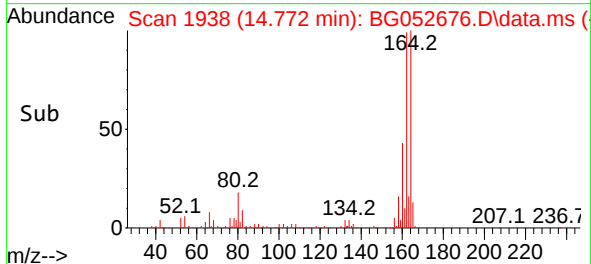


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.772 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

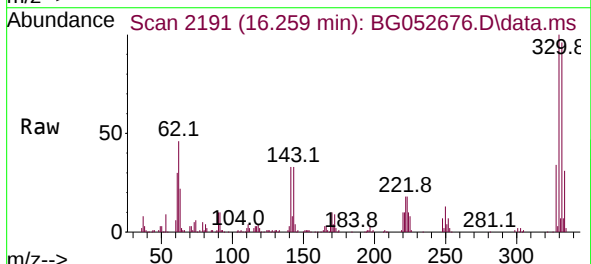
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BNA_G
ClientSampleId :
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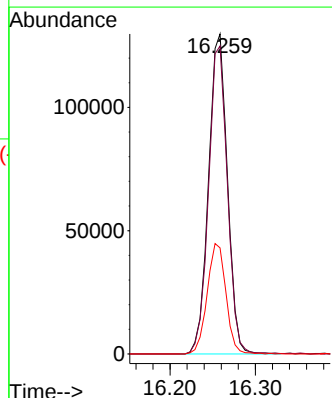
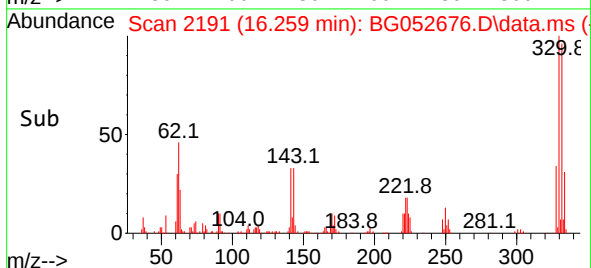
Tgt Ion:164 Resp: 115635
Ion Ratio Lower Upper
164 100
162 98.6 80.0 120.0
160 43.5 38.8 58.2

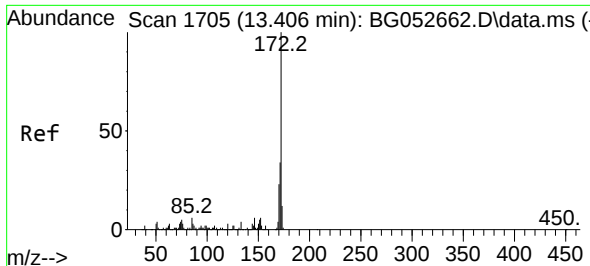


#42
2,4,6-Tribromophenol
Concen: 128.374 ng
RT: 16.259 min Scan# 2191
Delta R.T. -0.003 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41



Tgt Ion:330 Resp: 199470
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.6
141 34.3 24.6 36.8

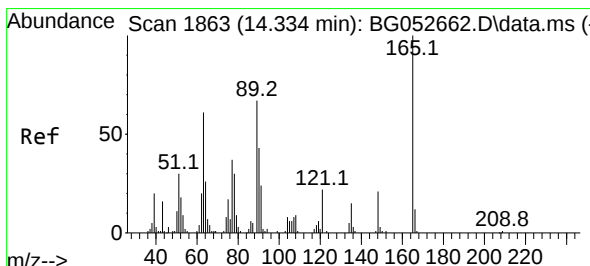
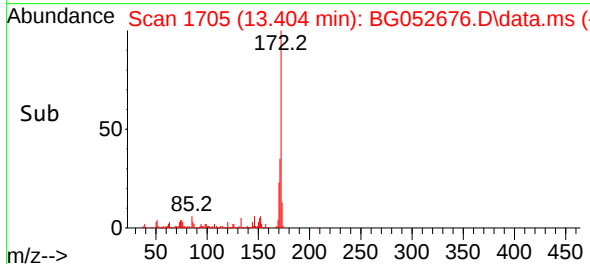
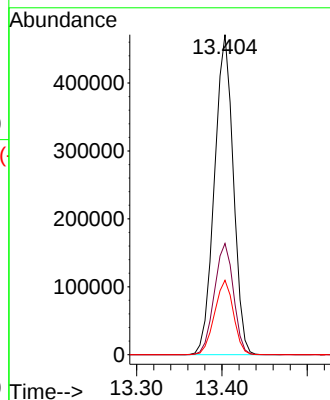
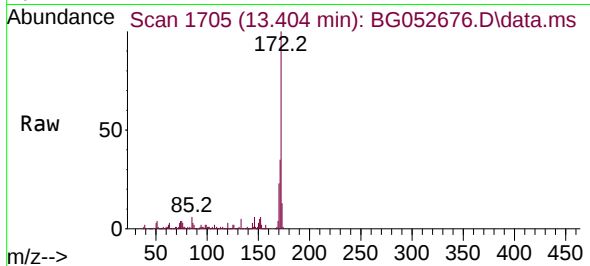




#45
2-Fluorobiphenyl
Concen: 92.050 ng
RT: 13.404 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

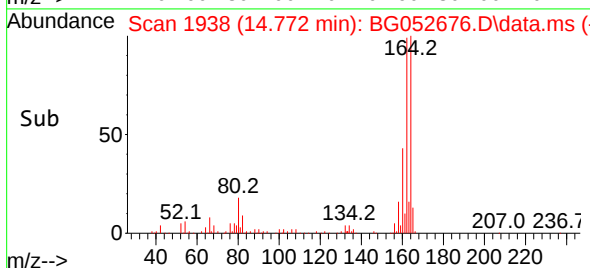
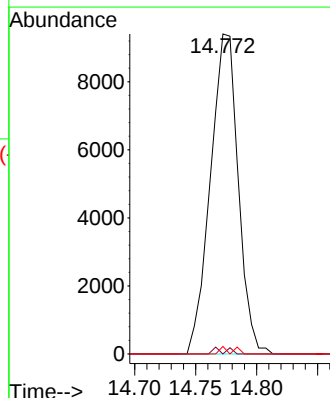
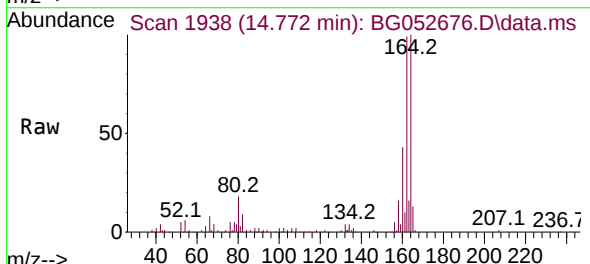
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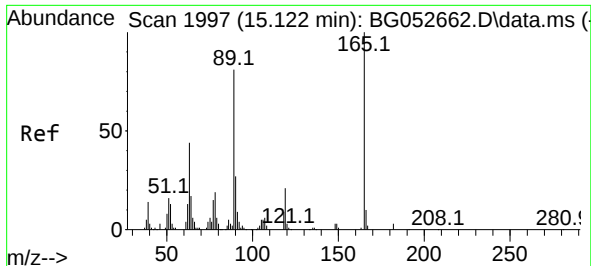
Tgt Ion:172 Resp: 721719
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.305 ng
RT: 14.772 min Scan# 1938
Delta R.T. 0.438 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

Tgt Ion:165 Resp: 14952
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.4 45.0 67.4#

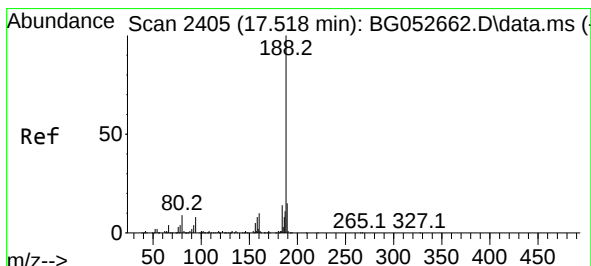
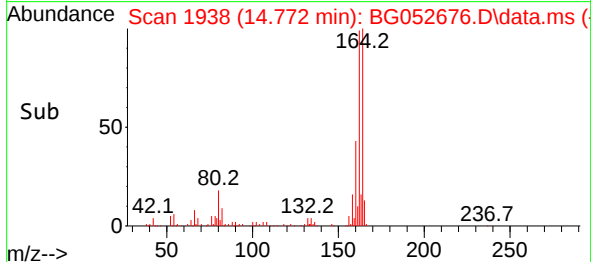
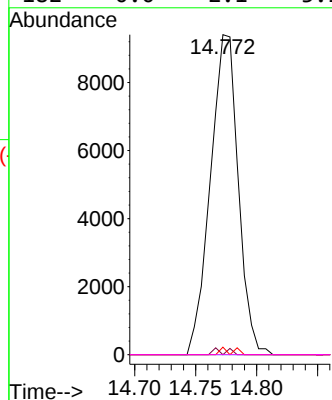
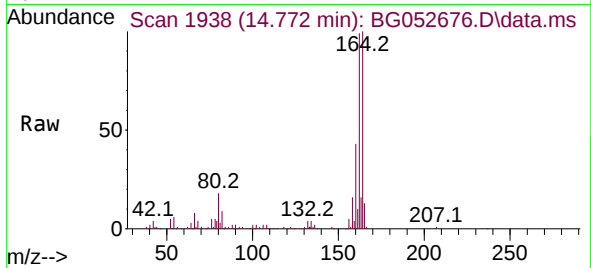




#57
2,4-Dinitrotoluene
Concen: 7.427 ng
RT: 14.772 min Scan# 1997
Delta R.T. -0.349 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

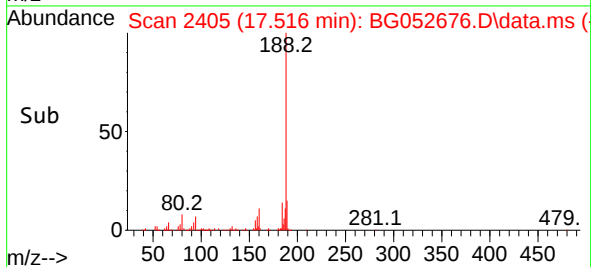
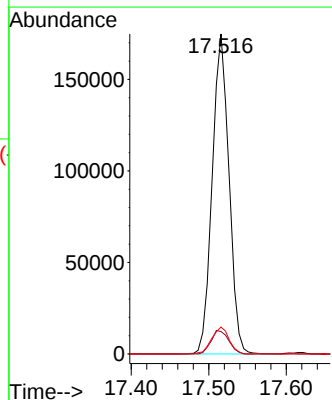
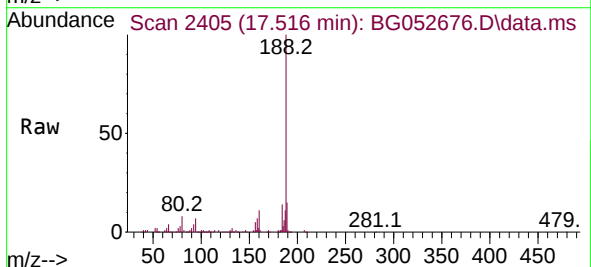
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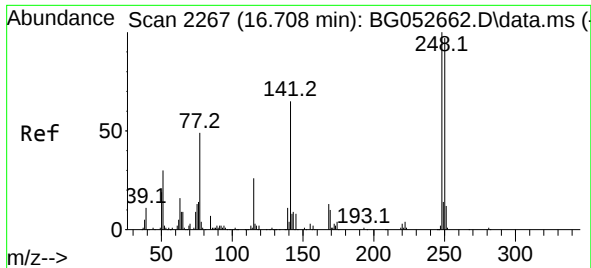
Tgt Ion:165 Resp: 14952
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.4 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.516 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

Tgt Ion:188 Resp: 262317
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.4 7.2 10.8

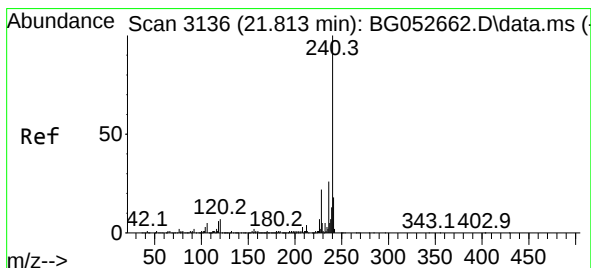
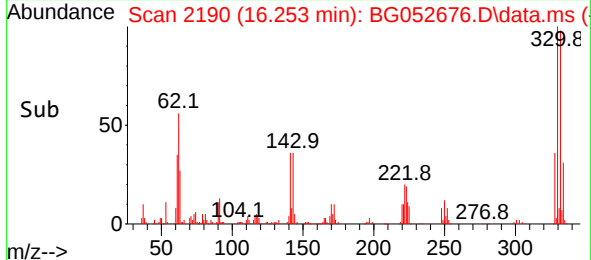
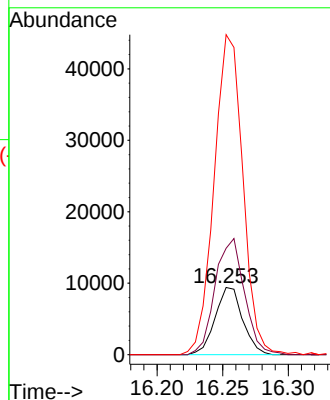
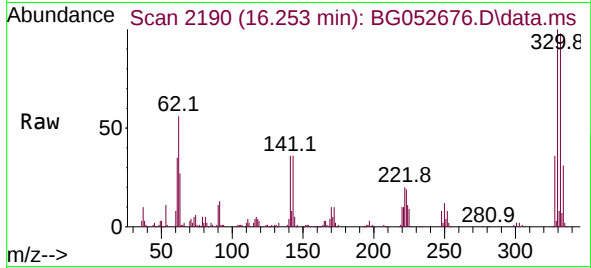




#67
4-Bromophenyl-phenylether
Concen: 4.340 ng
RT: 16.253 min Scan# 21
Delta R.T. -0.455 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

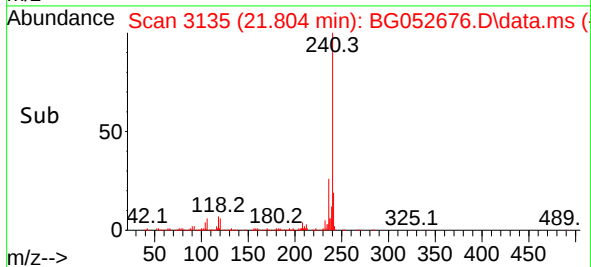
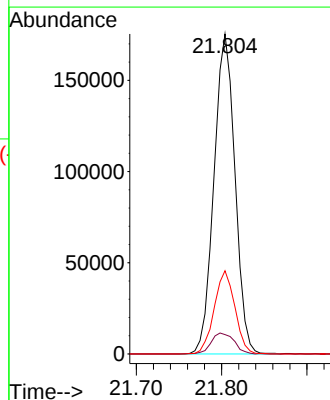
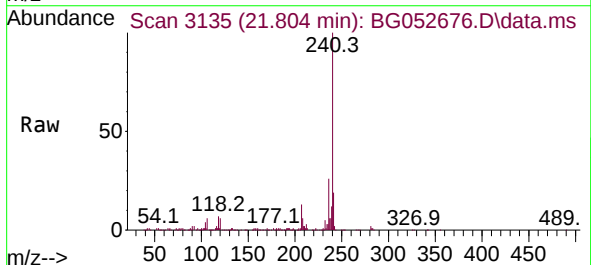
Instrument :
BNA_G
ClientSampleId :
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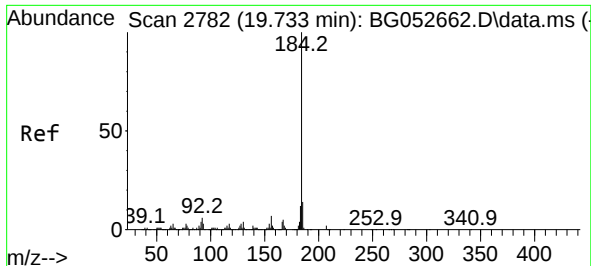
Tgt Ion:248 Resp: 13725
Ion Ratio Lower Upper
248 100
250 158.5 77.9 116.9#
141 476.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.804 min Scan# 3135
Delta R.T. -0.009 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

Tgt Ion:240 Resp: 300013
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.0
236 26.0 19.8 29.6

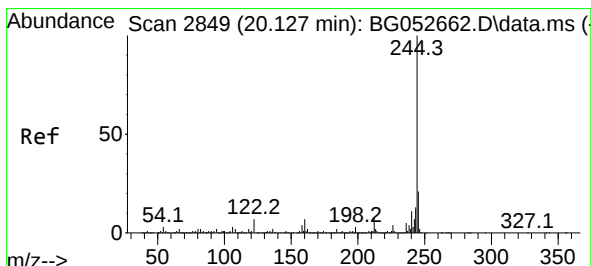
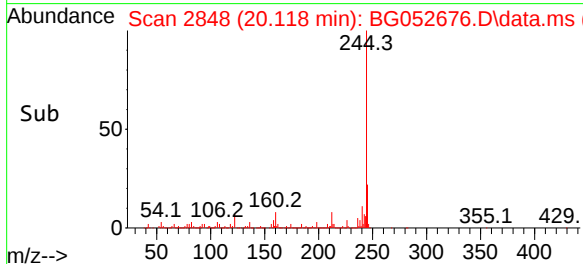
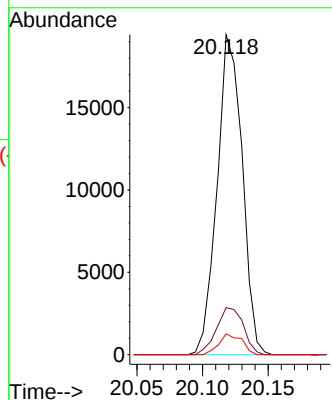
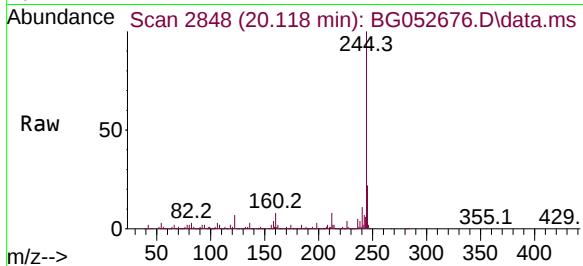




#77
Benzidine
Concen: 3.340 ng
RT: 20.118 min Scan# 21
Delta R.T. 0.385 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

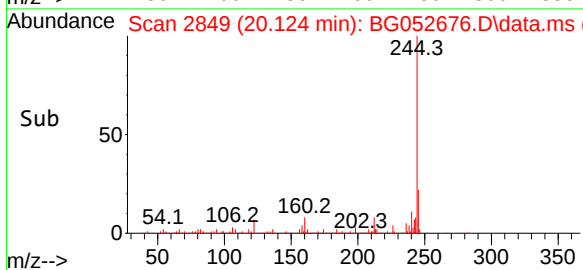
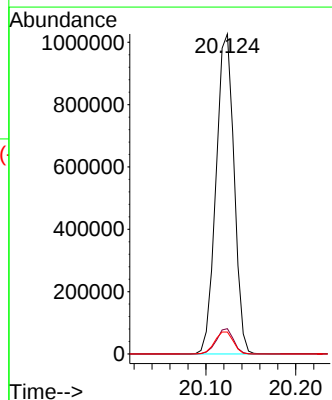
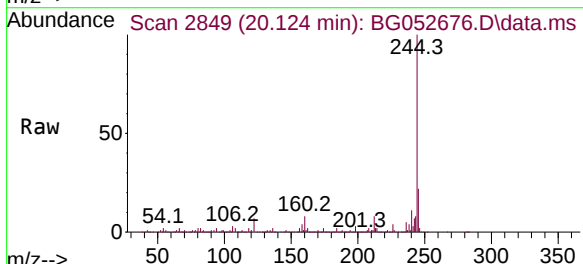
Instrument :
BNA_G
ClientSampleId :
PB143171BL

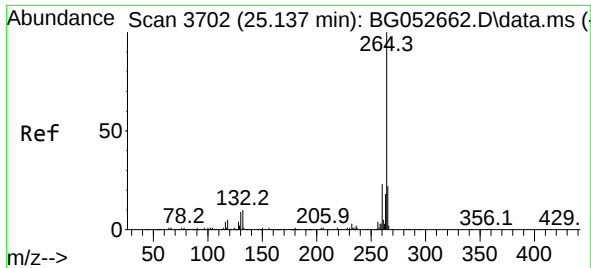
Tgt Ion:184 Resp: 25841
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 6.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 84.748 ng
RT: 20.124 min Scan# 2849
Delta R.T. -0.003 min
Lab File: BG052676.D
Acq: 16 Mar 2022 13:41

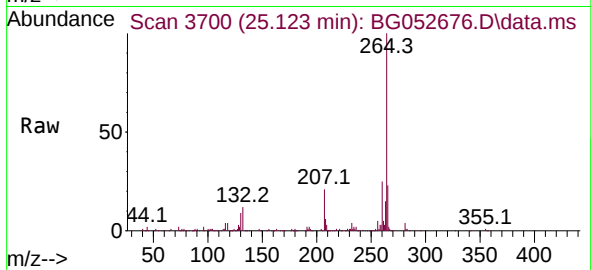
Tgt Ion:244 Resp: 1429319
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.9 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.123 min Scan# 31
 Delta R.T. -0.014 min
 Lab File: BG052676.D
 Acq: 16 Mar 2022 13:41

Instrument :
 BNA_G
 ClientSampleId :
 PB143171BL



Tgt Ion:	264	Resp:	293844
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.2	27.2
265	22.5	15.1	22.7

