

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051622\
 Data File : BG053574.D
 Acq On : 16 May 2022 19:36
 Operator : CG/JU
 Sample : N2847-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PSC-124019

Quant Time: May 17 05:21:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

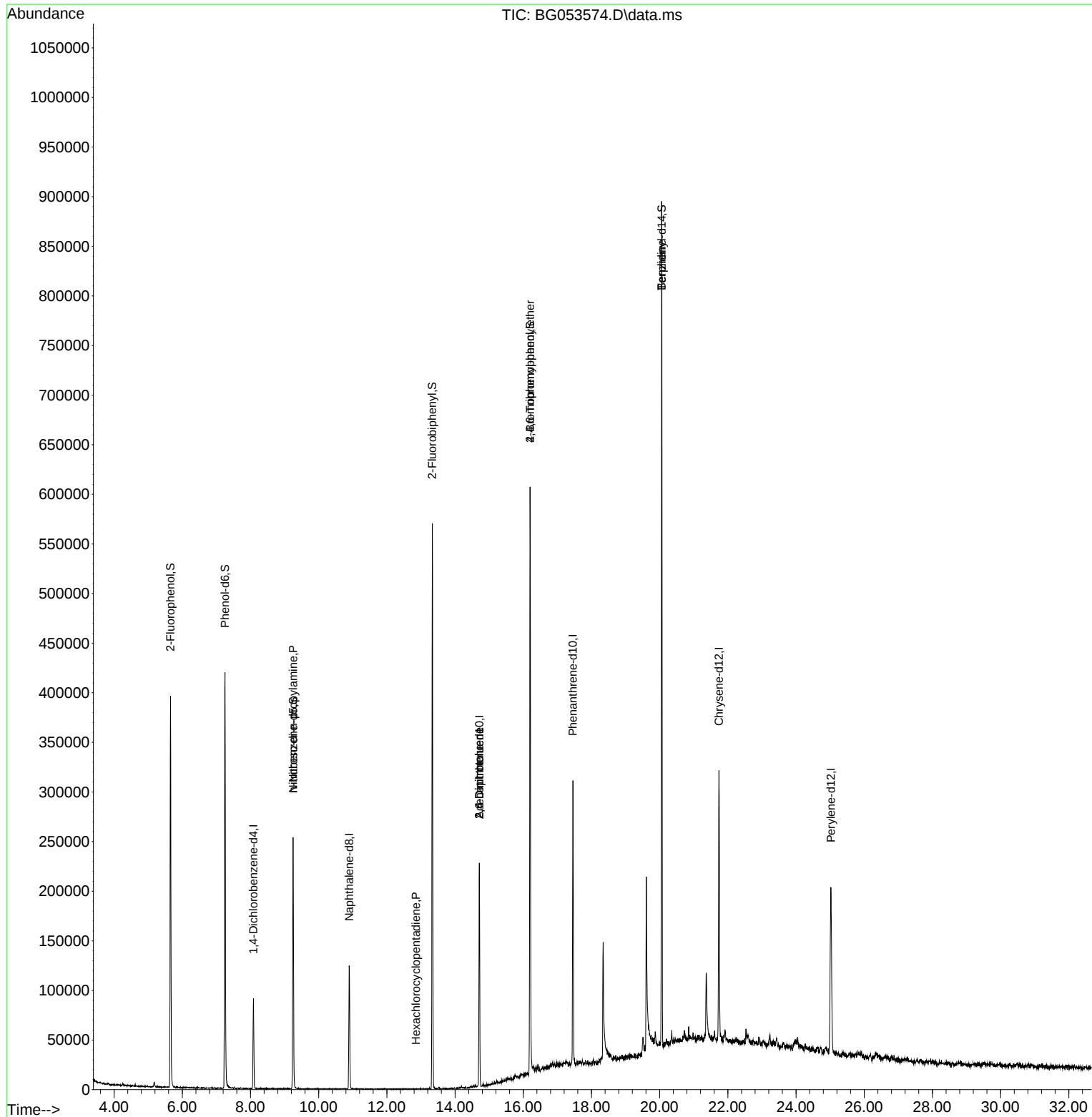
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	24964	20.000	ng	0.00
21) Naphthalene-d8	10.895	136	104483	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	82220	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	176229	20.000	ng	0.00
76) Chrysene-d12	21.739	240	174079	20.000	ng	0.00
86) Perylene-d12	25.023	264	178779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	158126	107.499	ng	0.00
7) Phenol-d6	7.253	99	241603	108.226	ng	0.00
23) Nitrobenzene-d5	9.250	82	167352	68.182	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	122922	101.366	ng	0.00
45) 2-Fluorobiphenyl	13.333	172	302960	53.844	ng	0.00
79) Terphenyl-d14	20.059	244	432291	46.251	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.250	70	23683	14.786	ng	# 77
41) Hexachlorocyclopentadiene	12.851	237	59	8.886	ng	# 26
51) 2,6-Dinitrotoluene	14.713	165	10803	8.487	ng	# 17
57) 2,4-Dinitrotoluene	14.713	165	10803	5.855	ng	# 23
67) 4-Bromophenyl-phenylether	16.199	248	7660	3.722	ng	# 1
77) Benzidine	20.059	184	7778	2.073	ng	# 89

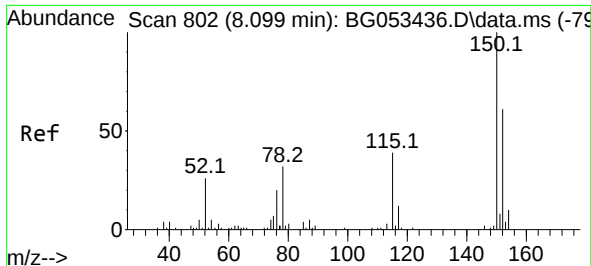
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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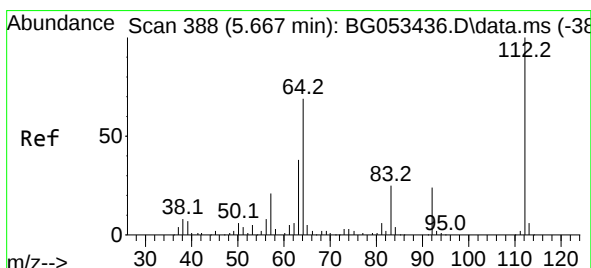
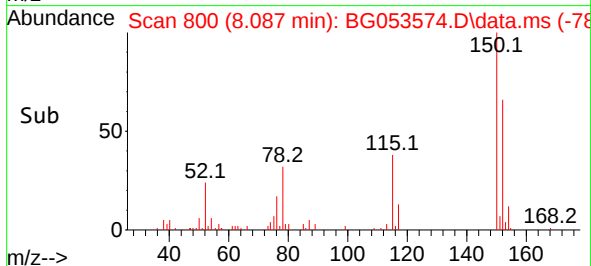
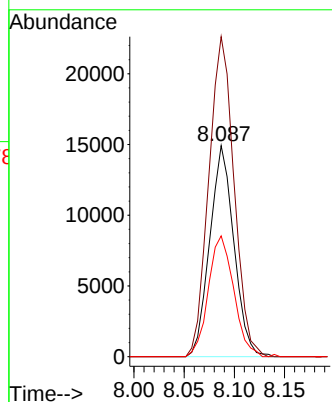
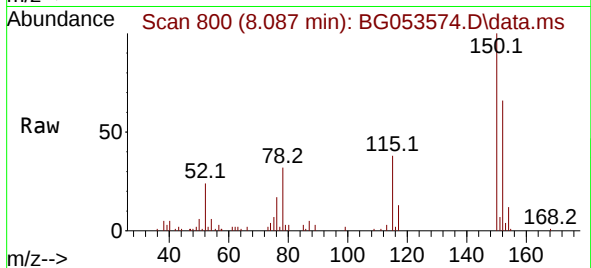




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG053574.D
Acq: 16 May 2022 19:36

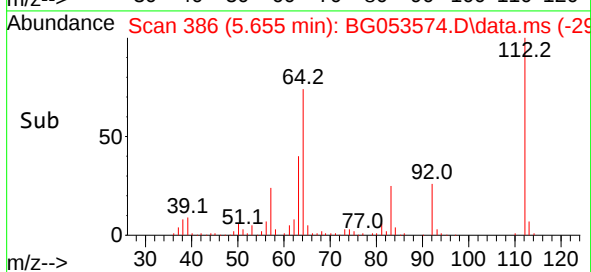
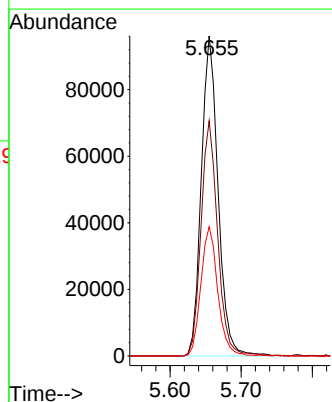
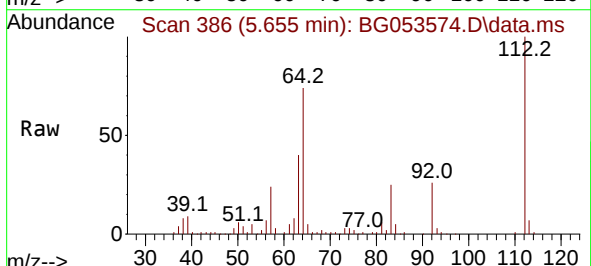
Instrument :
BNA_G
ClientSampleId :
PSC-124019

Tgt Ion:152 Resp: 24964
Ion Ratio Lower Upper
152 100
150 151.7 131.6 197.4
115 57.3 50.9 76.3



#5
2-Fluorophenol
Concen: 107.499 ng
RT: 5.655 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053574.D
Acq: 16 May 2022 19:36

Tgt Ion:112 Resp: 158126
Ion Ratio Lower Upper
112 100
64 73.5 55.1 82.7
63 40.4 30.4 45.6

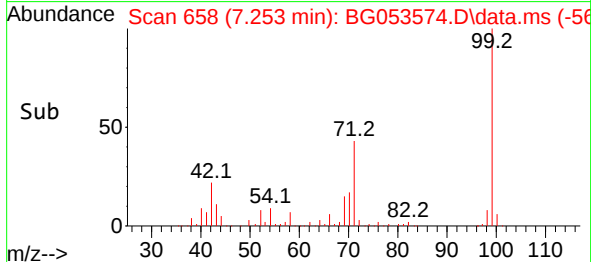
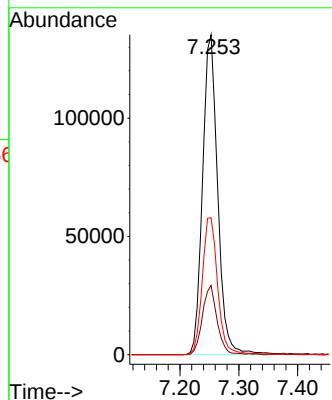
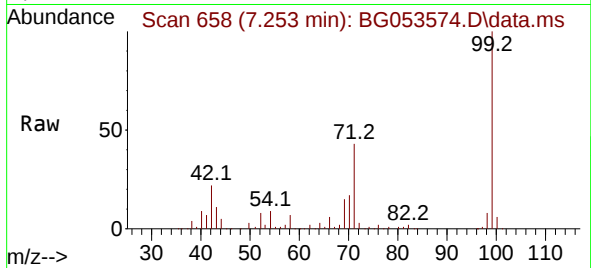




#7
Phenol-d6
Concen: 108.226 ng
RT: 7.253 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053574.D
Acq: 16 May 2022 19:36

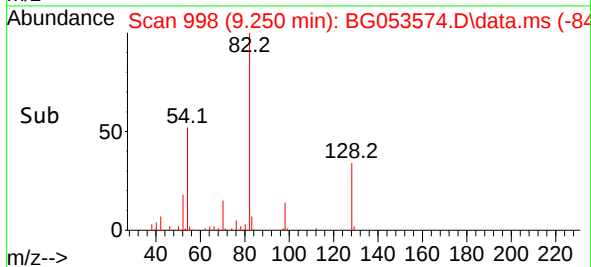
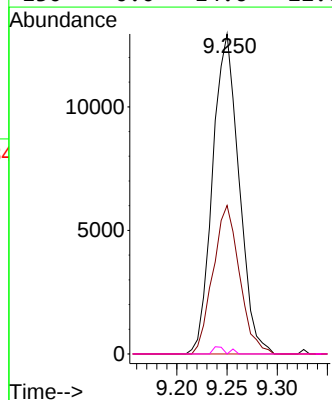
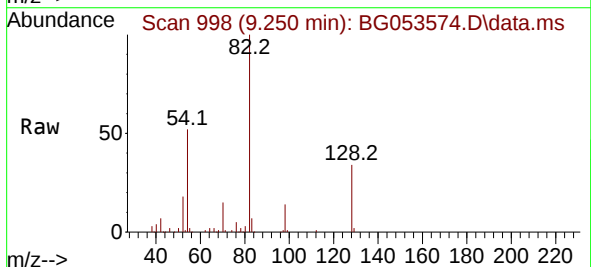
Instrument :
BNA_G
ClientSampleId :
PSC-124019

Tgt Ion: 99 Resp: 241603
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 42.8 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.786 ng
RT: 9.250 min Scan# 998
Delta R.T. 0.362 min
Lab File: BG053574.D
Acq: 16 May 2022 19:36

Tgt Ion: 70 Resp: 23683
Ion Ratio Lower Upper
70 100
42 46.4 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: 10.895 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG053574.D

Acq: 16 May 2022 19:36

Instrument :

BNA_G

ClientSampleId :

PSC-124019

Tgt Ion:136 Resp: 104483

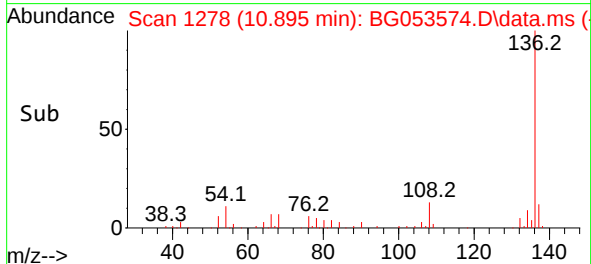
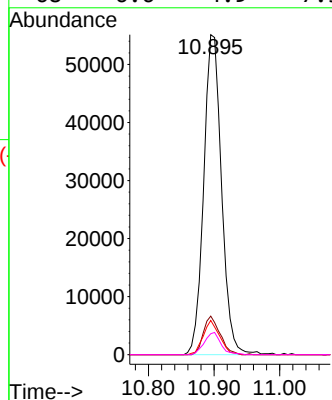
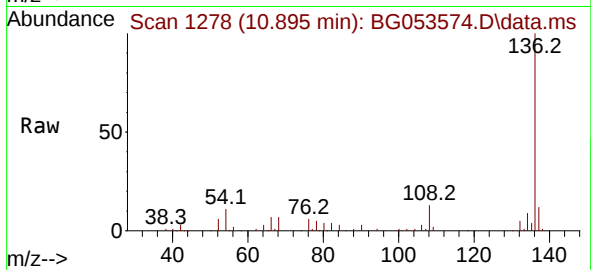
Ion Ratio Lower Upper

136 100

137 12.1 8.5 12.7

54 10.7 7.4 11.2

68 6.6 4.9 7.3



#23

Nitrobenzene-d5

Concen: 68.182 ng

RT: 9.250 min Scan# 998

Delta R.T. -0.003 min

Lab File: BG053574.D

Acq: 16 May 2022 19:36

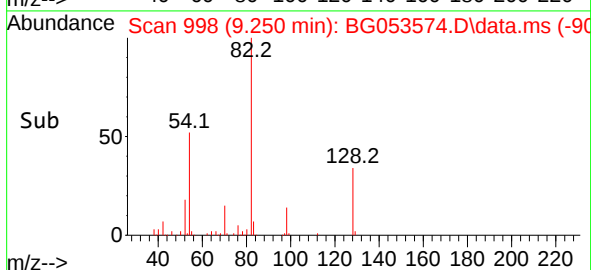
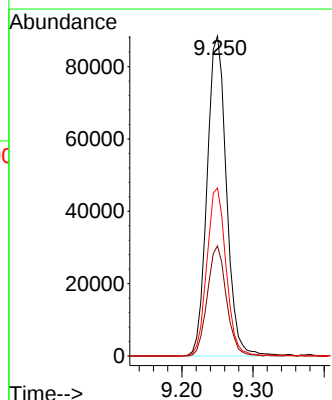
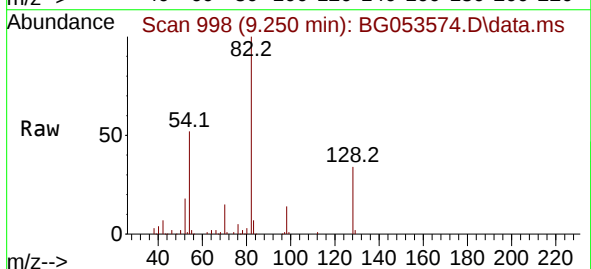
Tgt Ion: 82 Resp: 167352

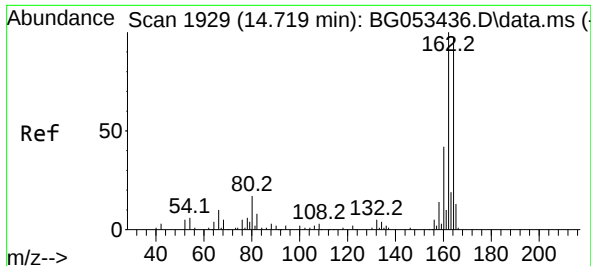
Ion Ratio Lower Upper

82 100

128 34.4 27.9 41.9

54 52.5 41.2 61.8

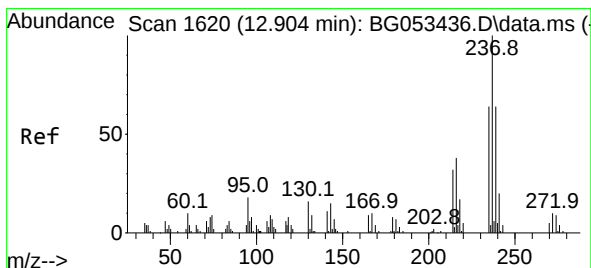
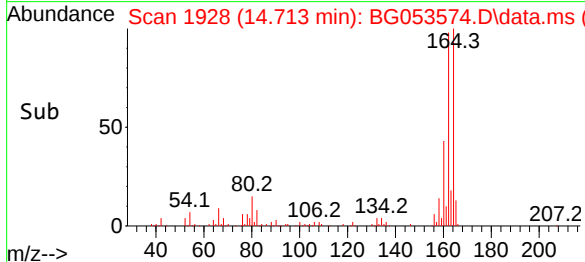
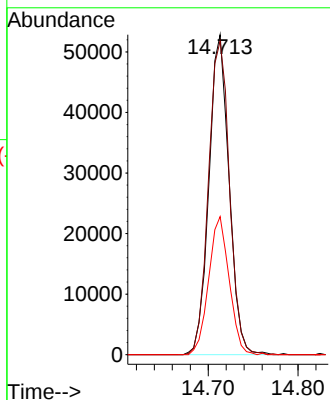
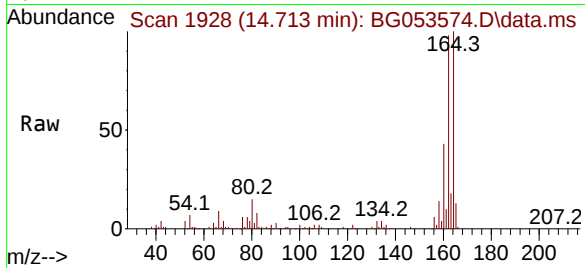




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1928
Delta R.T. -0.003 min
Lab File: BG053574.D
Acq: 16 May 2022 19:36

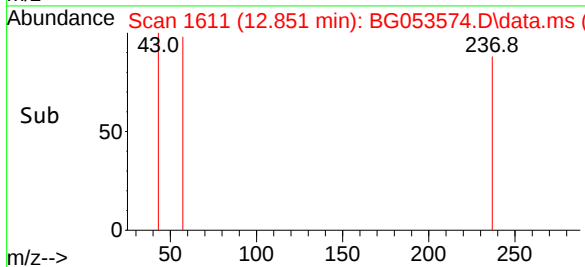
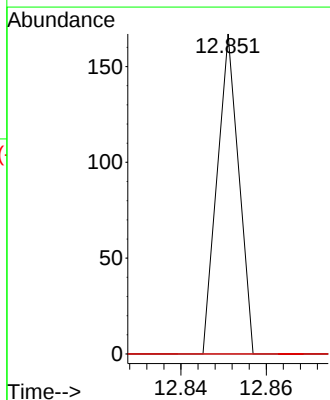
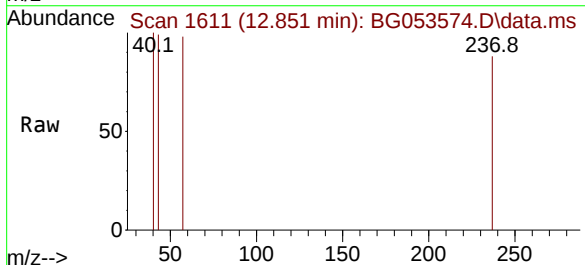
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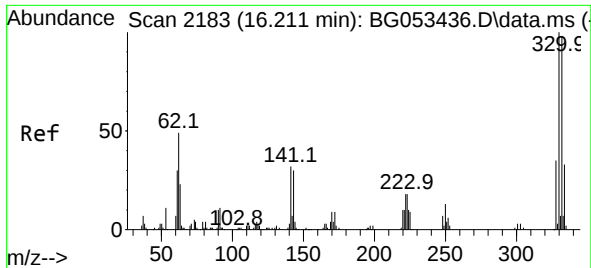
Tgt Ion:164 Resp: 82220
Ion Ratio Lower Upper
164 100
162 98.0 82.3 123.5
160 43.2 34.2 51.2



#41
Hexachlorocyclopentadiene
Concen: 8.886 ng
RT: 12.851 min Scan# 1611
Delta R.T. -0.050 min
Lab File: BG053574.D
Acq: 16 May 2022 19:36

Tgt Ion:237 Resp: 59
Ion Ratio Lower Upper
237 100
235 0.0 43.5 83.5#
272 0.0 0.0 30.1

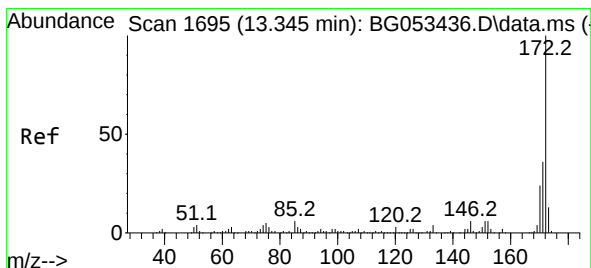
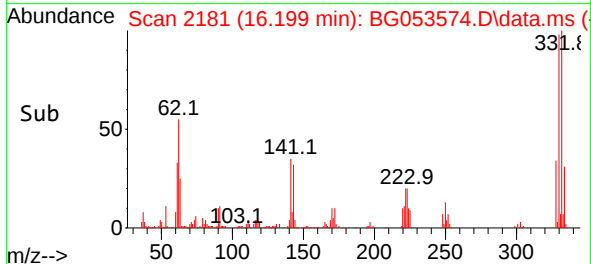
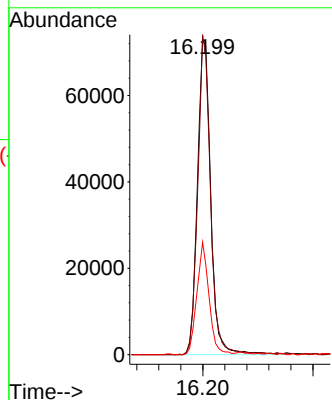
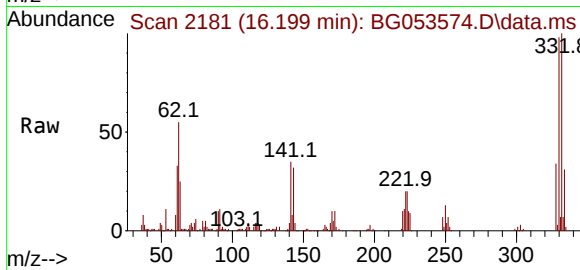




#42
 2,4,6-Tribromophenol
 Concen: 101.366 ng
 RT: 16.199 min Scan# 2183
 Delta R.T. -0.003 min
 Lab File: BG053574.D
 Acq: 16 May 2022 19:36

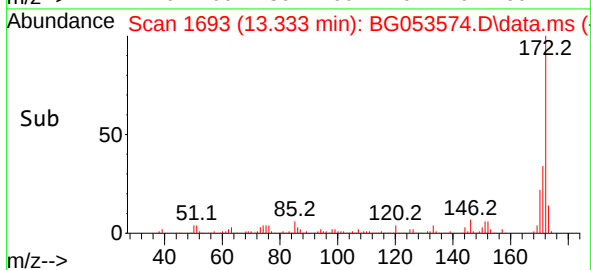
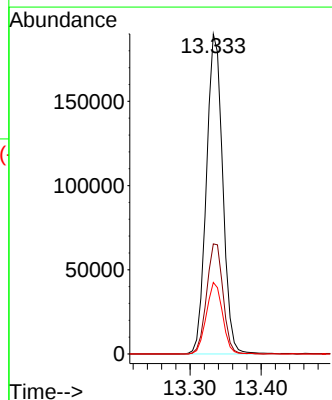
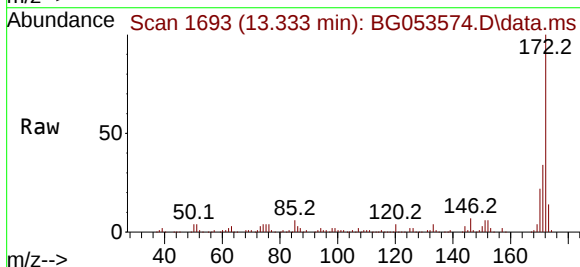
Instrument :
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 PSC-124019

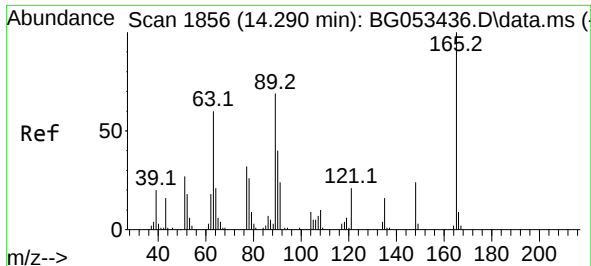
Tgt Ion:330 Resp: 122922
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.0 114.0
 141 32.5 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 53.844 ng
 RT: 13.333 min Scan# 1693
 Delta R.T. -0.003 min
 Lab File: BG053574.D
 Acq: 16 May 2022 19:36

Tgt Ion:172 Resp: 302960
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 22.3 18.9 28.3

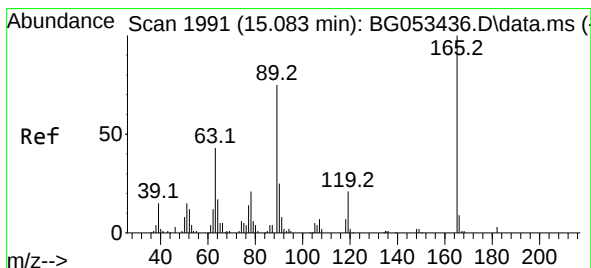
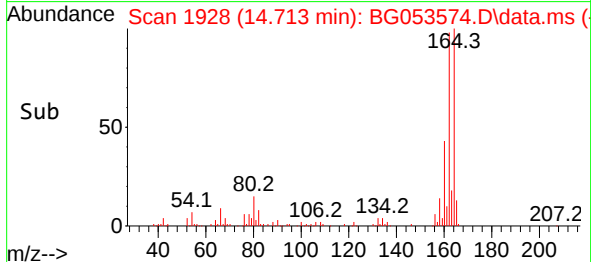
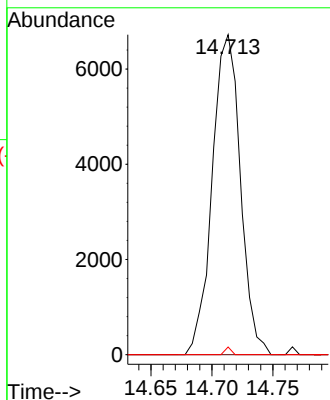
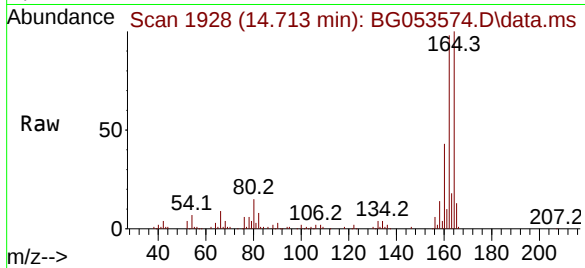




#51
2,6-Dinitrotoluene
Concen: 8.487 ng
RT: 14.713 min Scan# 1928
Delta R.T. 0.432 min
Lab File: BG053574.D
Acq: 16 May 2022 19:36

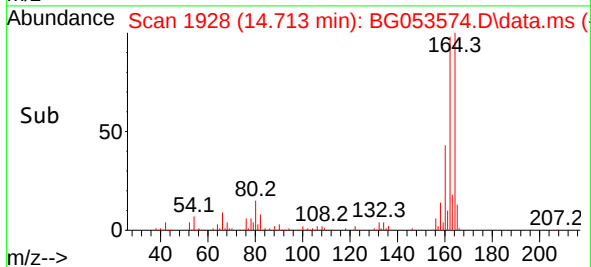
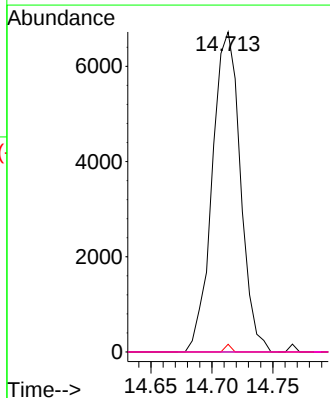
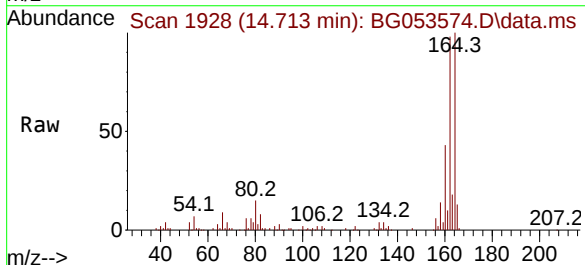
Instrument :
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ClientSampleId :
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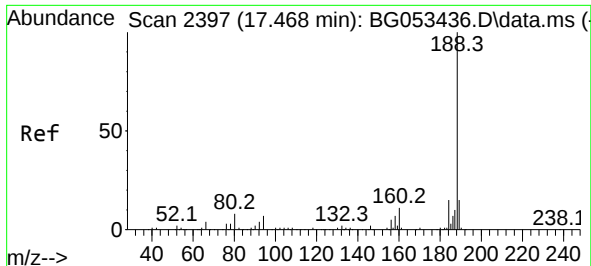
Tgt Ion:165 Resp: 10803
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 2.4 54.8 82.2#



#57
2,4-Dinitrotoluene
Concen: 5.855 ng
RT: 14.713 min Scan# 1928
Delta R.T. -0.361 min
Lab File: BG053574.D
Acq: 16 May 2022 19:36

Tgt Ion:165 Resp: 10803
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 2.4 60.3 90.5#
182 0.0 2.2 3.4#

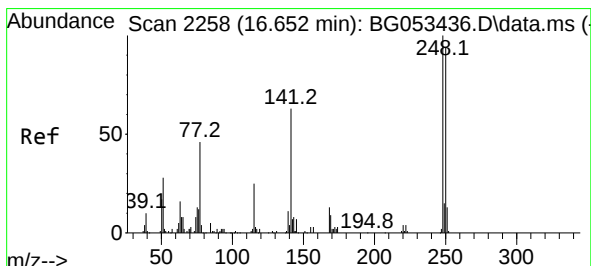
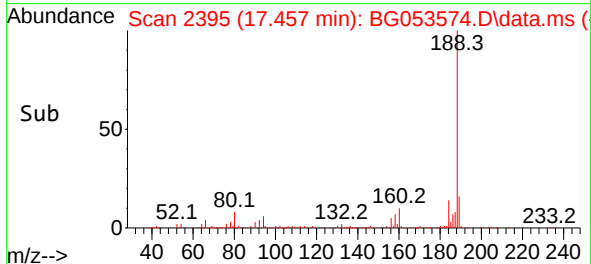
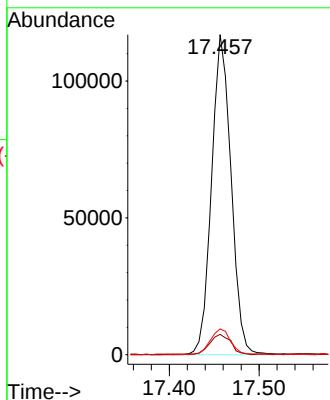
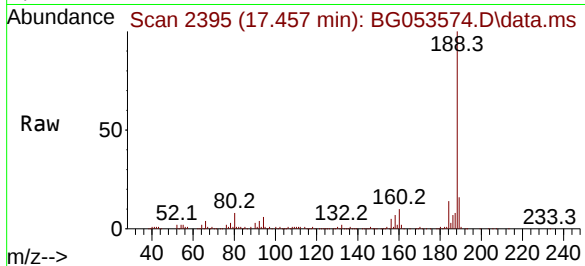




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.457 min Scan# 2181
Delta R.T. -0.003 min
Lab File: BG053574.D
Acq: 16 May 2022 19:36

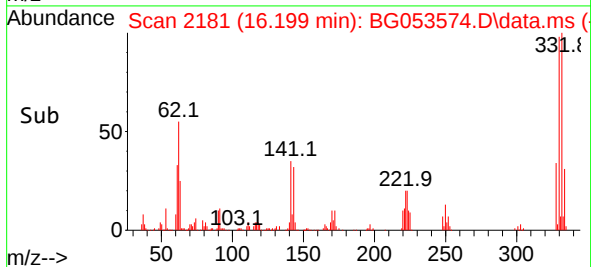
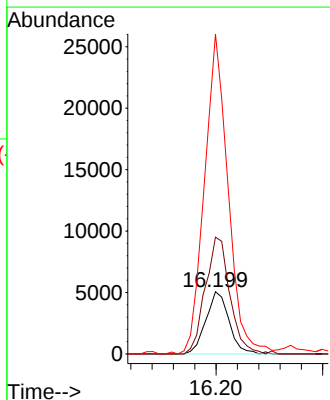
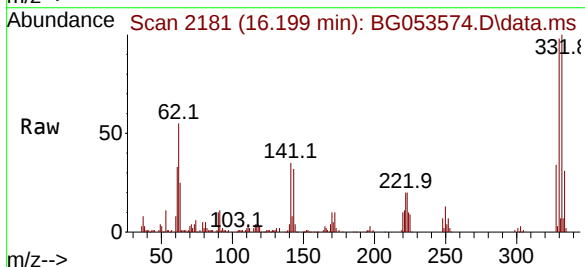
Instrument :
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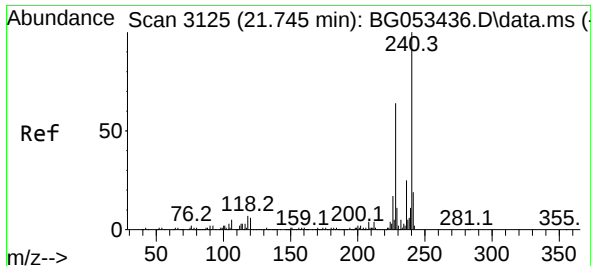
Tgt Ion:188 Resp: 176229
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 8.0 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 3.722 ng
RT: 16.199 min Scan# 2181
Delta R.T. -0.443 min
Lab File: BG053574.D
Acq: 16 May 2022 19:36

Tgt Ion:248 Resp: 7660
Ion Ratio Lower Upper
248 100
250 187.7 75.2 112.8#
141 513.8 50.0 75.0#

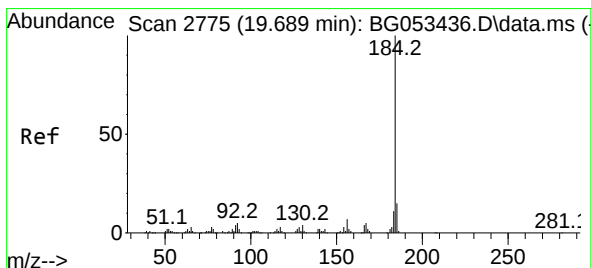
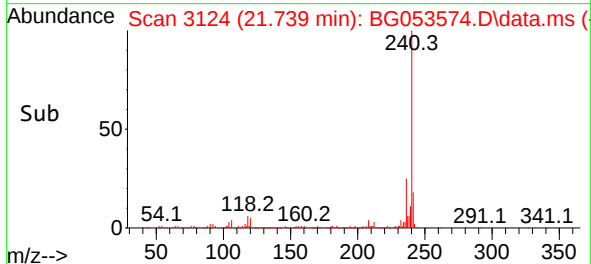
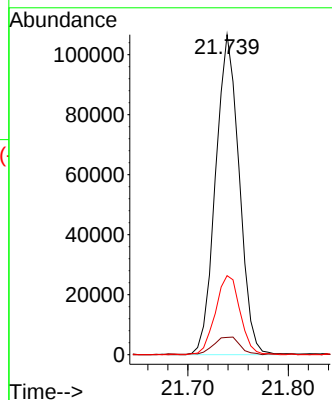
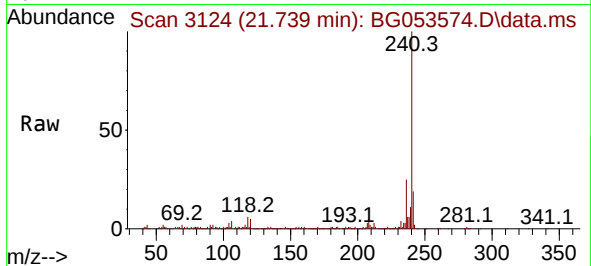




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.739 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053574.D
Acq: 16 May 2022 19:36

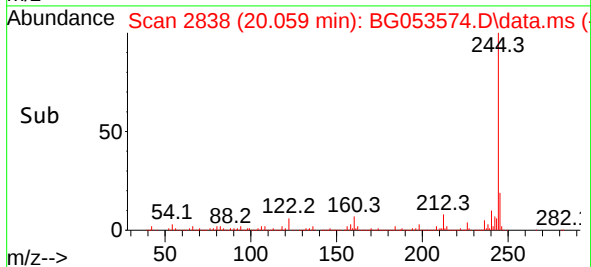
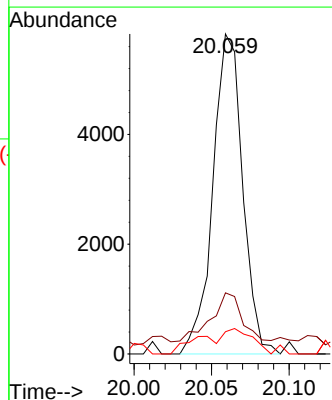
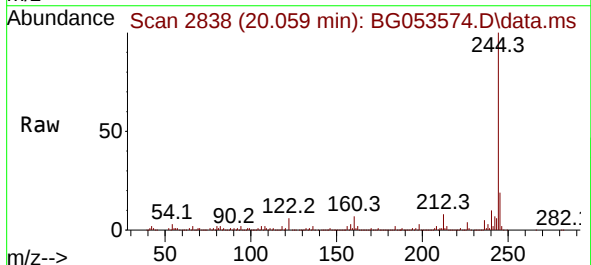
Instrument :
BNA_G
ClientSampleId :
PSC-124019

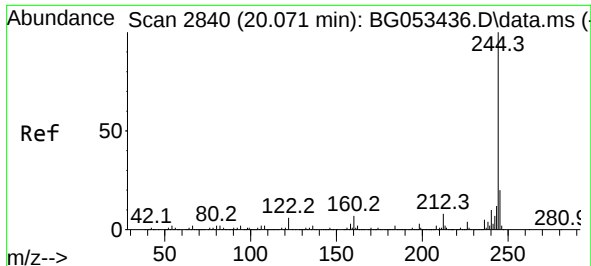
Tgt Ion:240 Resp: 174079
Ion Ratio Lower Upper
240 100
120 5.4 4.6 7.0
236 24.7 20.2 30.4



#77
Benzidine
Concen: 2.073 ng
RT: 20.059 min Scan# 2838
Delta R.T. 0.379 min
Lab File: BG053574.D
Acq: 16 May 2022 19:36

Tgt Ion:184 Resp: 7778
Ion Ratio Lower Upper
184 100
185 19.1 11.8 17.6#
183 6.9 8.9 13.3#

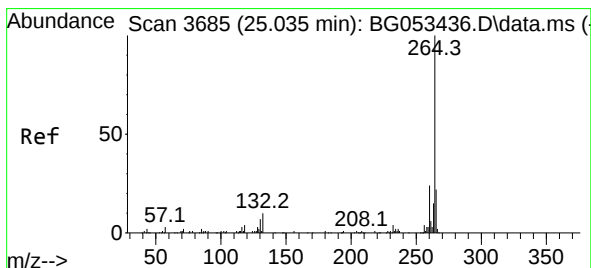
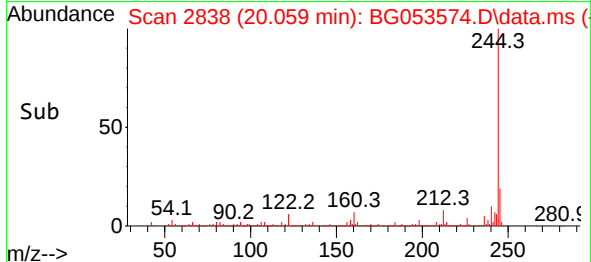
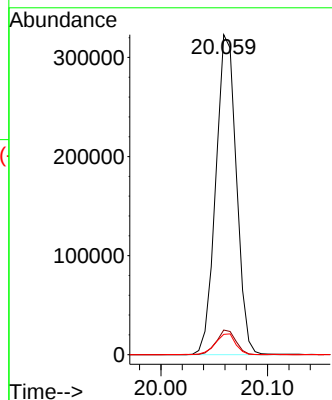
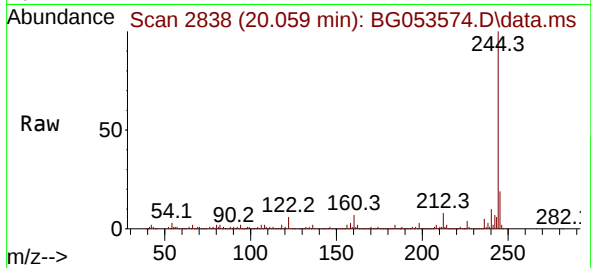




#79
 Terphenyl-d14
 Concen: 46.251 ng
 RT: 20.059 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053574.D
 Acq: 16 May 2022 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PSC-124019

Tgt Ion:244 Resp: 432291
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.023 min Scan# 3683
 Delta R.T. 0.003 min
 Lab File: BG053574.D
 Acq: 16 May 2022 19:36

Tgt Ion:264 Resp: 178779
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.0 17.4 26.2

