

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
 Data File : BG052671.D
 Acq On : 16 Mar 2022 9:05
 Operator : CG/JU
 Sample : PB143161BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143161BL

Quant Time: Mar 16 11:42:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

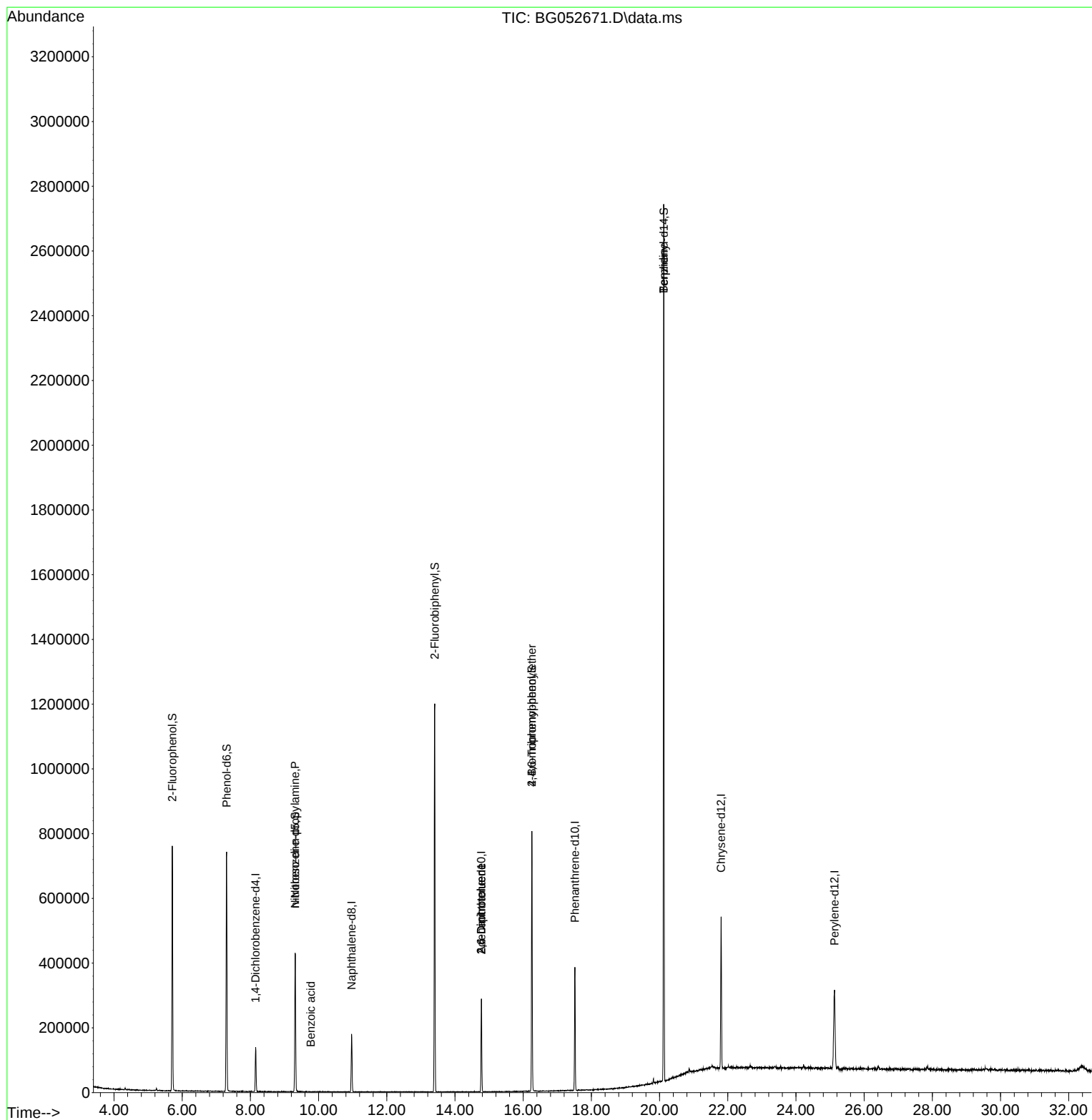
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	38151	20.000	ng	0.00
21) Naphthalene-d8	10.966	136	148977	20.000	ng	0.00
39) Acenaphthene-d10	14.773	164	102894	20.000	ng	0.00
64) Phenanthrene-d10	17.516	188	238595	20.000	ng	0.00
76) Chrysene-d12	21.805	240	291887	20.000	ng	0.00
86) Perylene-d12	25.129	264	276518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.709	112	309861	141.445	ng	0.00
7) Phenol-d6	7.301	99	431480	130.645	ng	0.00
23) Nitrobenzene-d5	9.310	82	272985	91.969	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	159294	115.212	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	641506	91.951	ng	0.00
79) Terphenyl-d14	20.124	244	1375946	83.854	ng	0.00
Target Compounds						
9) Benzaldehyde	7.289	77	542	Below Cal	Qvalue	# 5
19) n-Nitroso-di-n-propyla...	9.310	70	36749	15.711	ng	# 79
32) Benzoic acid	9.774	122	54	5.703	ng	# 1
51) 2,6-Dinitrotoluene	14.773	165	13451	10.418	ng	# 26
57) 2,4-Dinitrotoluene	14.773	165	13451	7.508	ng	# 25
67) 4-Bromophenyl-phenylether	16.253	248	10277	3.573	ng	# 1
77) Benzydine	20.119	184	24518	3.257	ng	# 90

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

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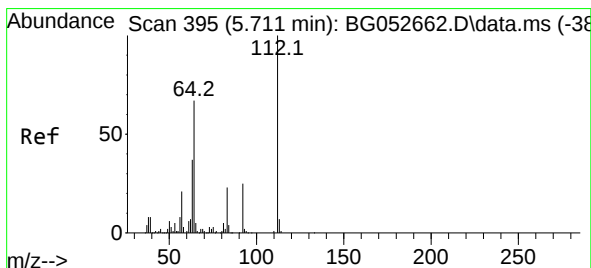
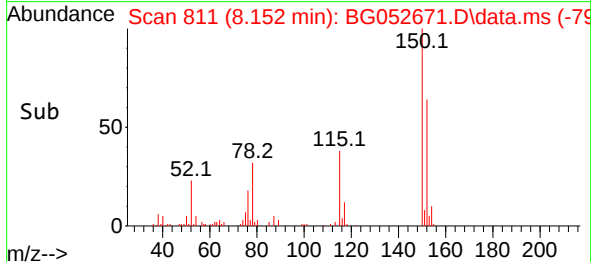
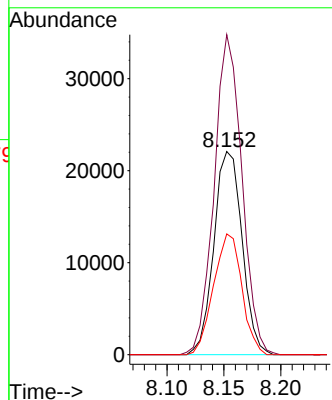
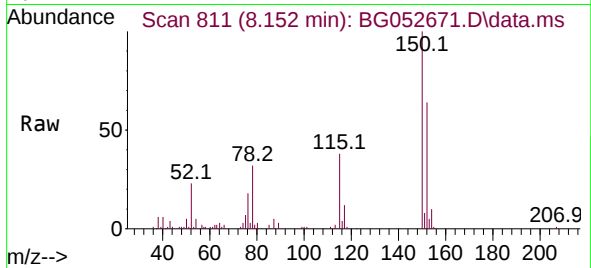




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 812
Delta R.T. -0.008 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

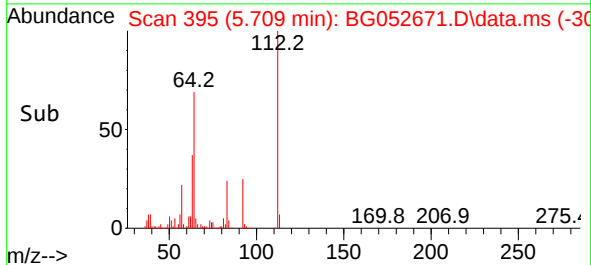
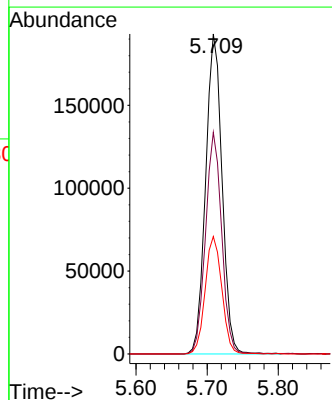
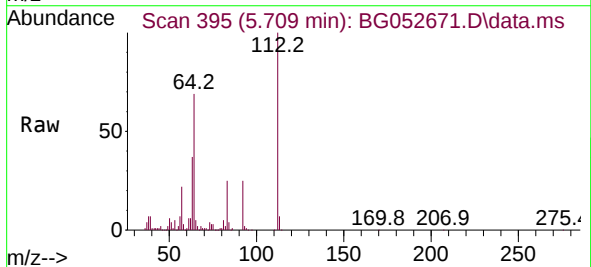
Instrument :
BNA_G
ClientSampleId :
PB143161BL

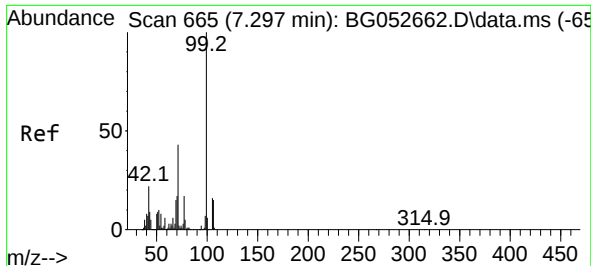
Tgt Ion:152 Resp: 38151
Ion Ratio Lower Upper
152 100
150 157.4 114.6 172.0
115 59.4 45.9 68.9



#5
2-Fluorophenol
Concen: 141.445 ng
RT: 5.709 min Scan# 395
Delta R.T. -0.002 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

Tgt Ion:112 Resp: 309861
Ion Ratio Lower Upper
112 100
64 69.3 48.0 72.0
63 36.7 26.5 39.7

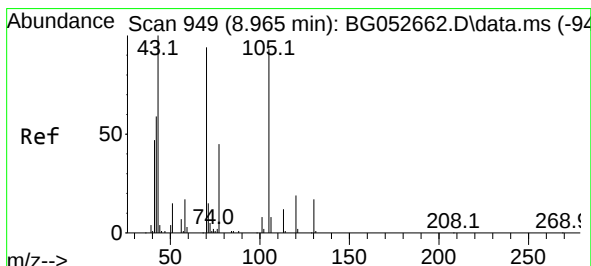
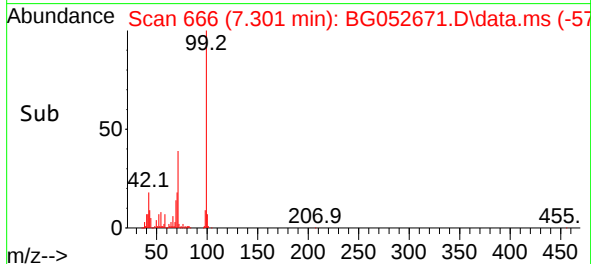
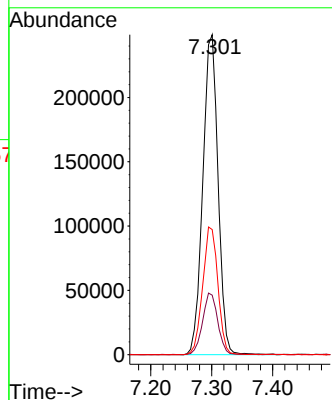
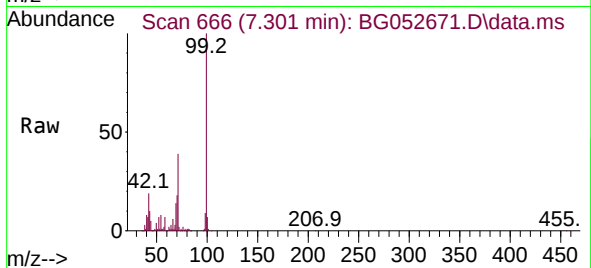




#7
Phenol-d6
Concen: 130.645 ng
RT: 7.301 min Scan# 60
Delta R.T. 0.004 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

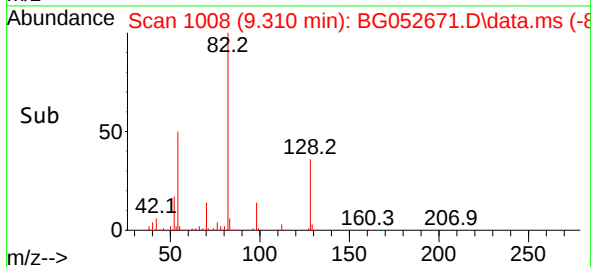
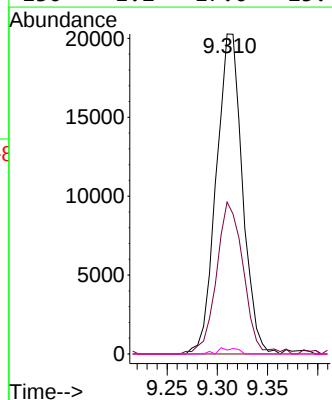
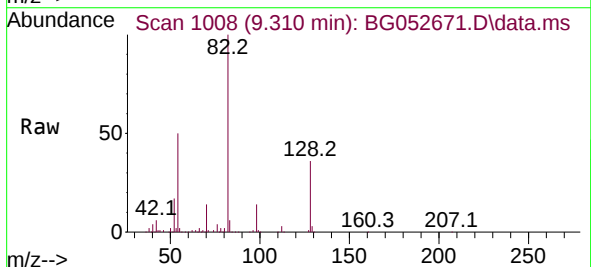
Instrument :
BNA_G
ClientSampleId :
PB143161BL

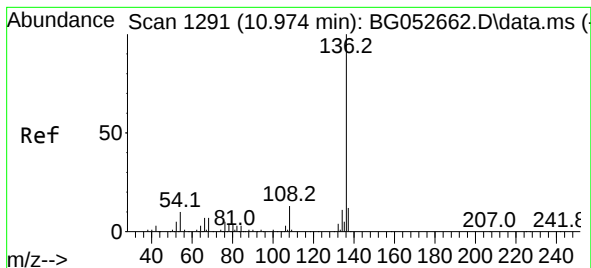
Tgt Ion: 99 Resp: 431480
Ion Ratio Lower Upper
99 100
42 18.6 14.7 22.1
71 39.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.711 ng
RT: 9.310 min Scan# 1008
Delta R.T. 0.344 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

Tgt Ion: 70 Resp: 36749
Ion Ratio Lower Upper
70 100
42 47.5 46.0 69.0
101 0.0 6.2 9.4#
130 1.2 17.0 25.4#



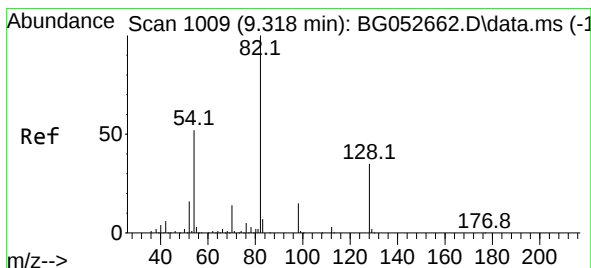
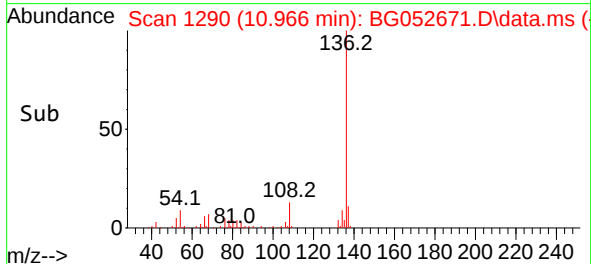
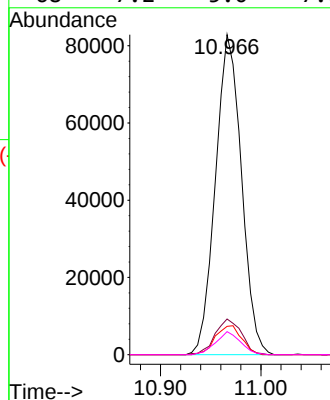
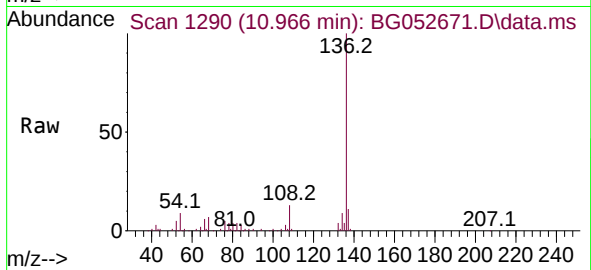


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.966 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

Instrument :
BNA_G
ClientSampleId :
PB143161BL

Tgt Ion:136 Resp: 148977

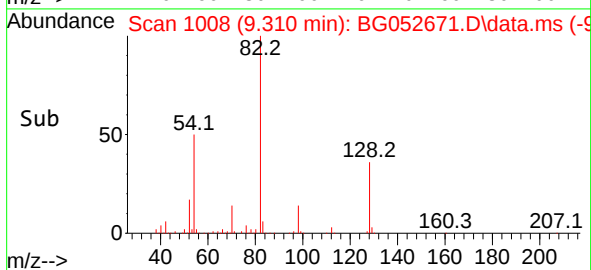
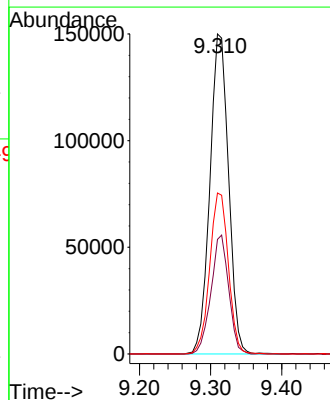
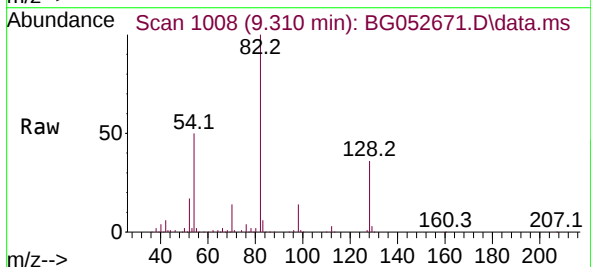
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.2
54	8.9	6.4	9.6
68	7.2	5.0	7.6

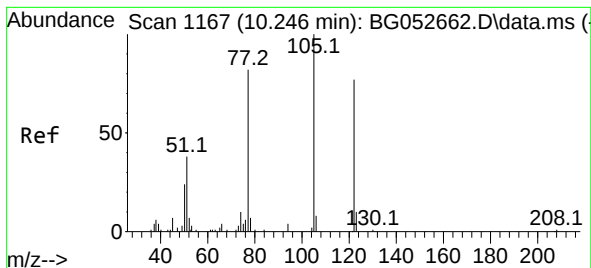


#23
Nitrobenzene-d5
Concen: 91.969 ng
RT: 9.310 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

Tgt Ion: 82 Resp: 272985

Ion	Ratio	Lower	Upper
82	100		
128	35.8	31.3	46.9
54	50.3	37.8	56.8

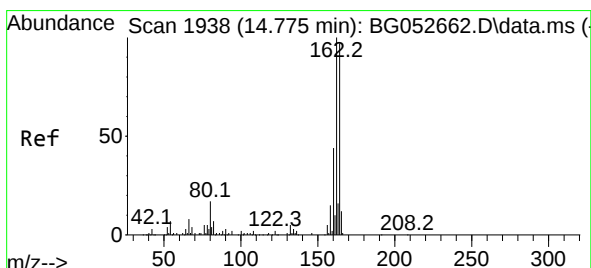
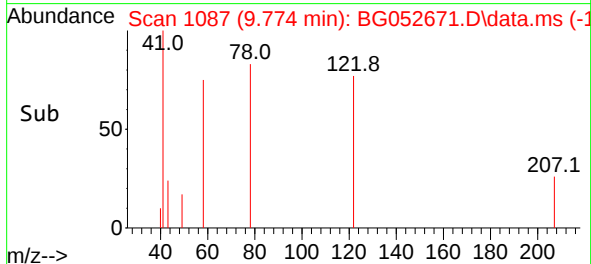
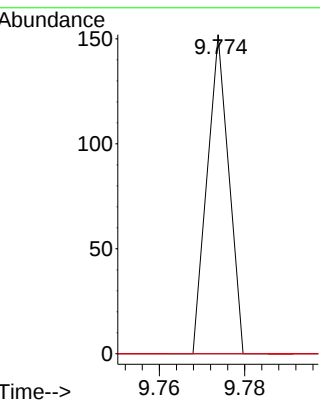
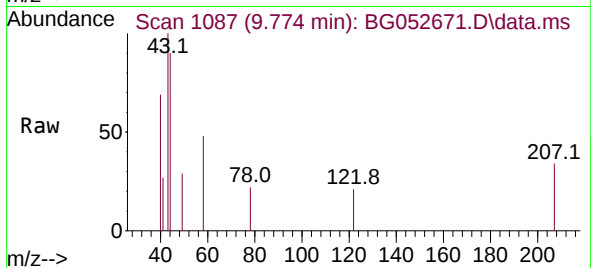




#32
Benzoic acid
Concen: 5.703 ng
RT: 9.774 min Scan# 1087
Delta R.T. -0.472 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

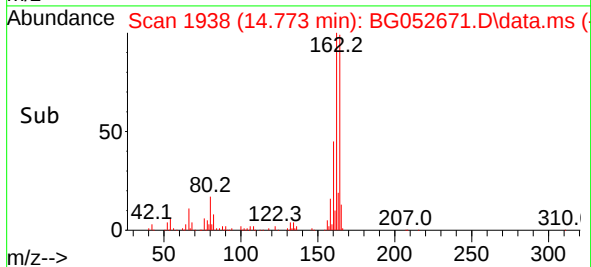
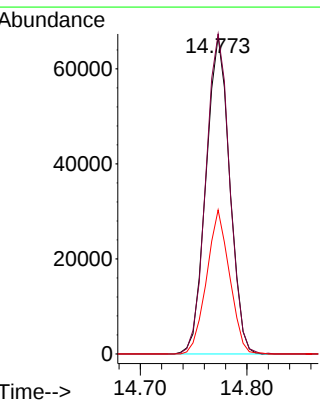
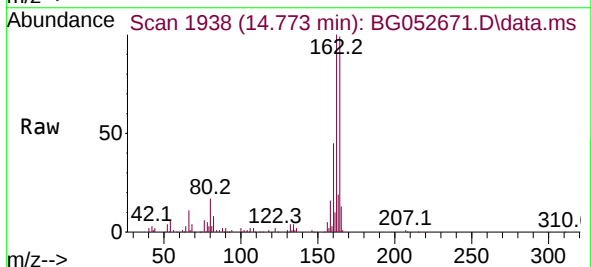
Instrument :
BNA_G
ClientSampleId :
PB143161BL

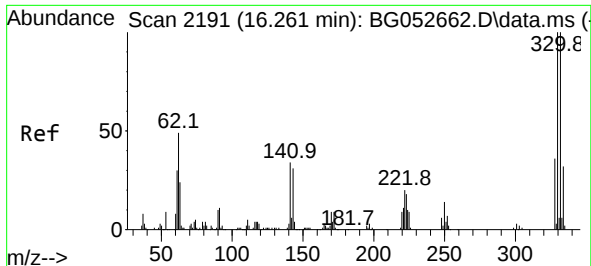
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 112.8 152.8#
77 0.0 78.4 118.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.773 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

Tgt Ion:164 Resp: 102894
Ion Ratio Lower Upper
164 100
162 100.8 80.0 120.0
160 45.4 38.8 58.2

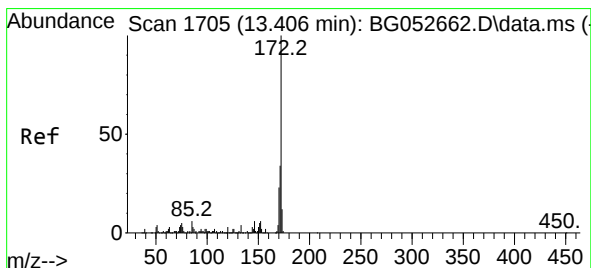
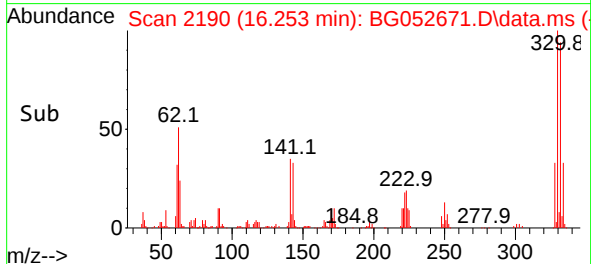
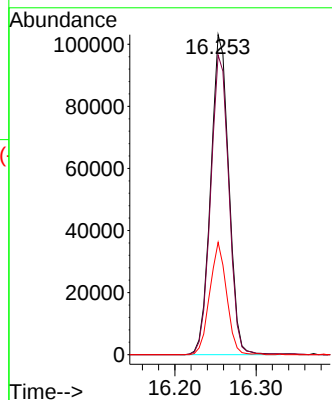
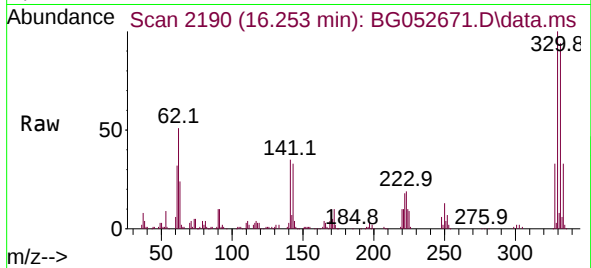




#42
2,4,6-Tribromophenol
Concen: 115.212 ng
RT: 16.253 min Scan# 2190
Delta R.T. -0.008 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

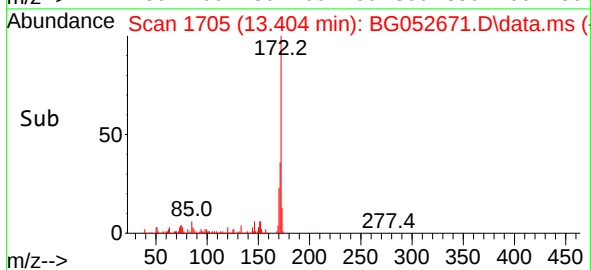
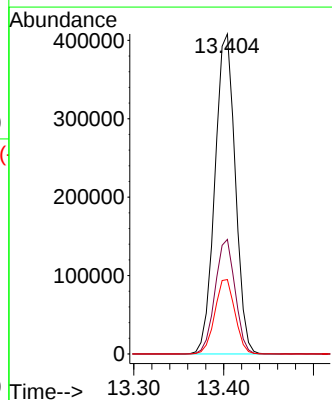
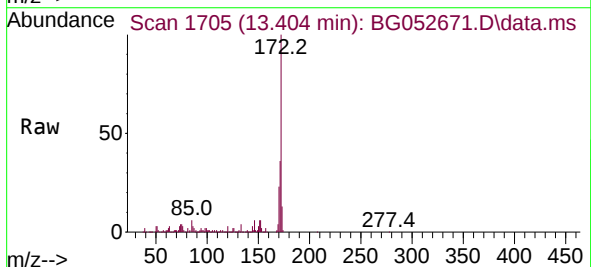
Instrument :
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ClientSampleId :
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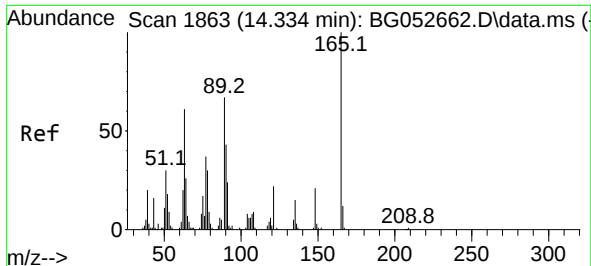
Tgt Ion:330 Resp: 159294
Ion Ratio Lower Upper
330 100
332 94.2 75.8 113.6
141 32.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 91.951 ng
RT: 13.404 min Scan# 1705
Delta R.T. -0.002 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

Tgt Ion:172 Resp: 641506
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.3 18.0 27.0

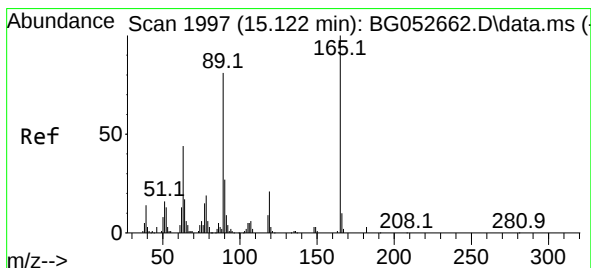
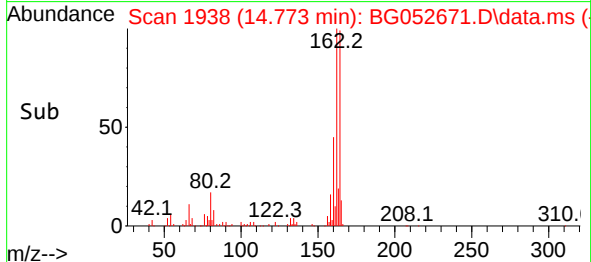
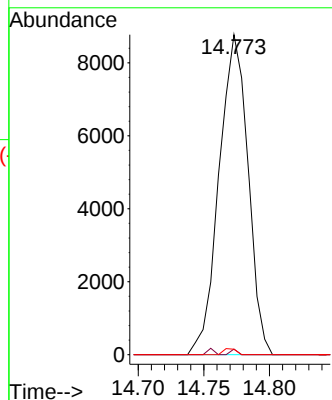
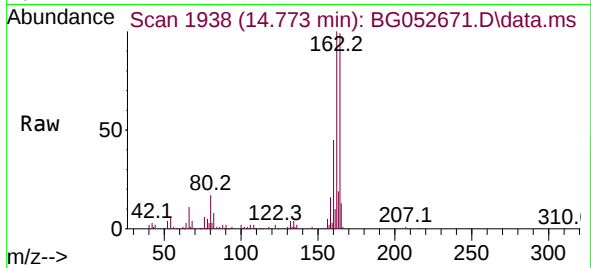




#51
2,6-Dinitrotoluene
Concen: 10.418 ng
RT: 14.773 min Scan# 1938
Delta R.T. 0.438 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

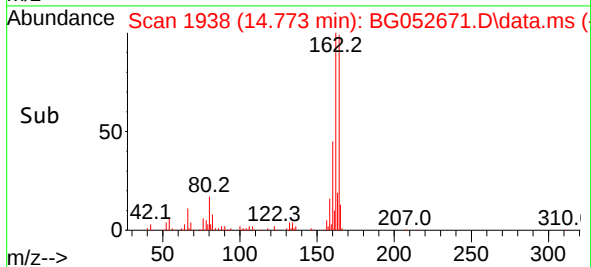
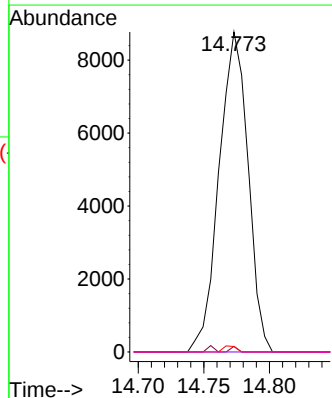
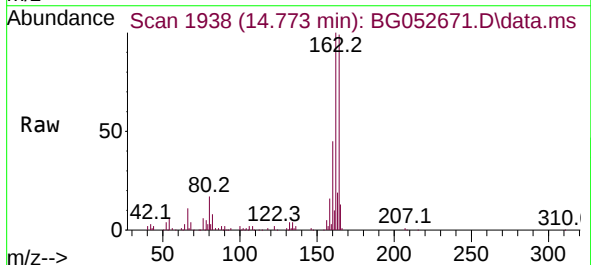
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ClientSampleId :
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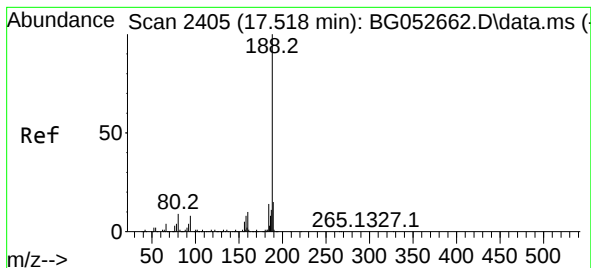
Tgt Ion:165 Resp: 13451
Ion Ratio Lower Upper
165 100
63 1.7 43.7 65.5#
89 1.7 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.508 ng
RT: 14.773 min Scan# 1938
Delta R.T. -0.349 min
Lab File: BG052671.D
Acq: 16 Mar 2022 9:05

Tgt Ion:165 Resp: 13451
Ion Ratio Lower Upper
165 100
63 1.7 34.8 52.2#
89 1.7 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. -0.002 min

Lab File: BG052671.D

Acq: 16 Mar 2022 9:05

Instrument :

BNA_G

ClientSampleId :

PB143161BL

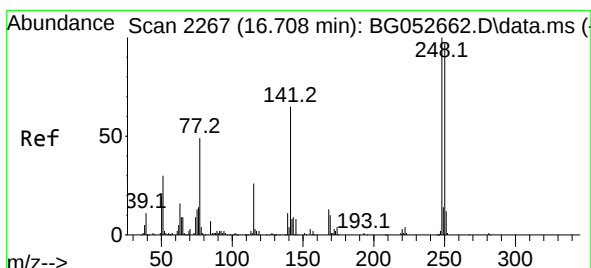
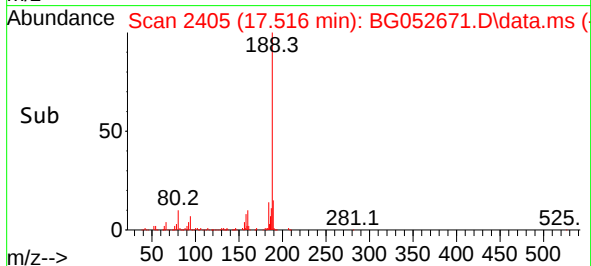
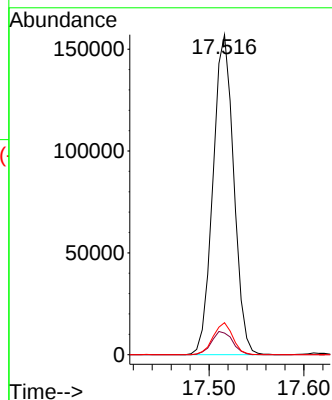
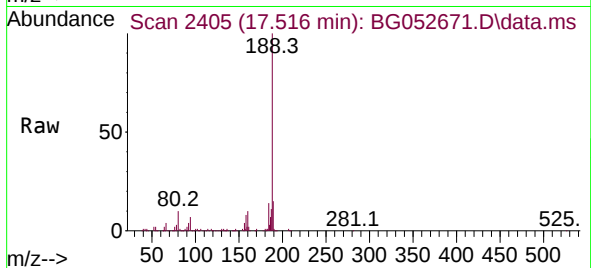
Tgt Ion:188 Resp: 238595

Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

80 10.0 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.573 ng

RT: 16.253 min Scan# 2190

Delta R.T. -0.455 min

Lab File: BG052671.D

Acq: 16 Mar 2022 9:05

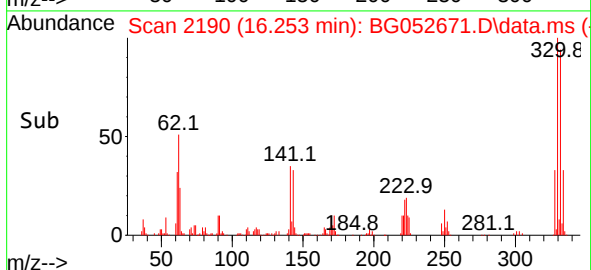
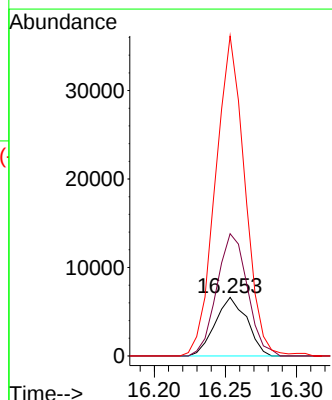
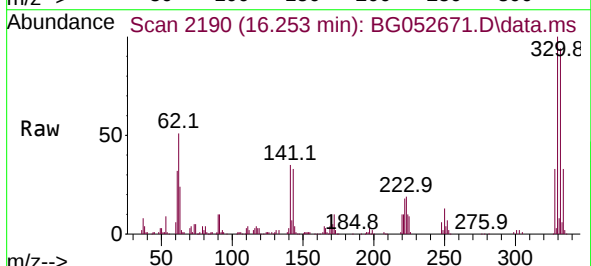
Tgt Ion:248 Resp: 10277

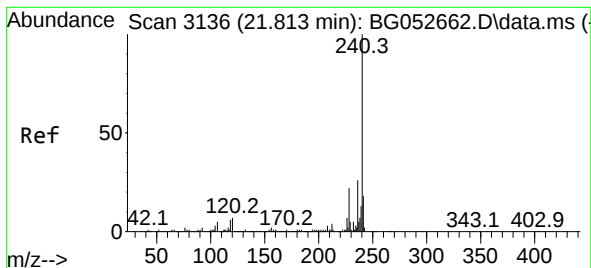
Ion Ratio Lower Upper

248 100

250 208.8 77.9 116.9#

141 546.5 49.2 73.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.805 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG052671.D

Acq: 16 Mar 2022 9:05

Instrument :

BNA_G

ClientSampleId :

PB143161BL

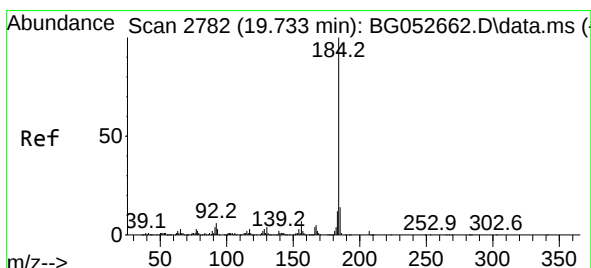
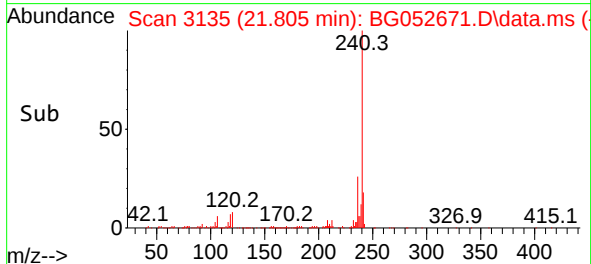
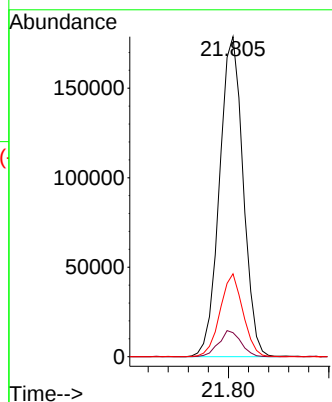
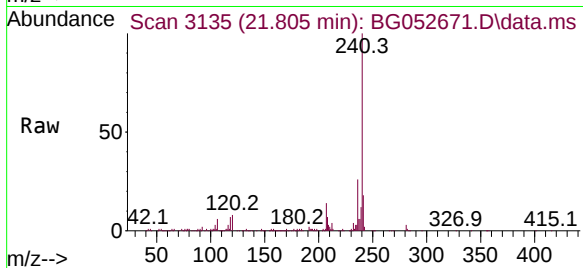
Tgt Ion:240 Resp: 291887

Ion Ratio Lower Upper

240 100

120 7.5 5.4 8.0

236 25.9 19.8 29.6



#77

Benzidine

Concen: 3.257 ng

RT: 20.119 min Scan# 2848

Delta R.T. 0.386 min

Lab File: BG052671.D

Acq: 16 Mar 2022 9:05

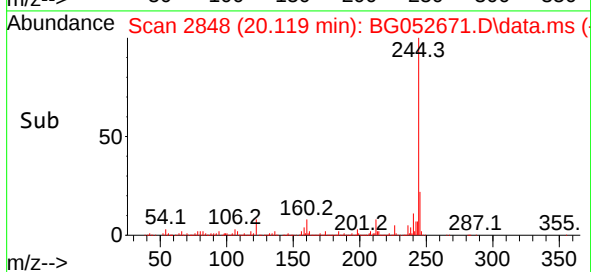
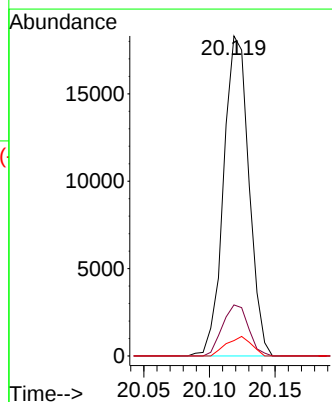
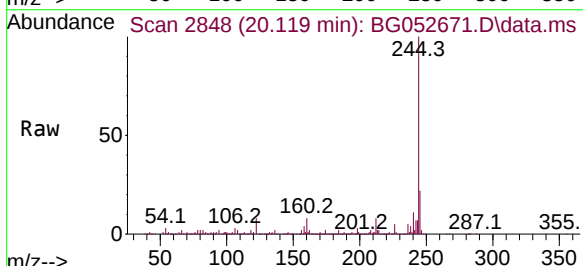
Tgt Ion:184 Resp: 24518

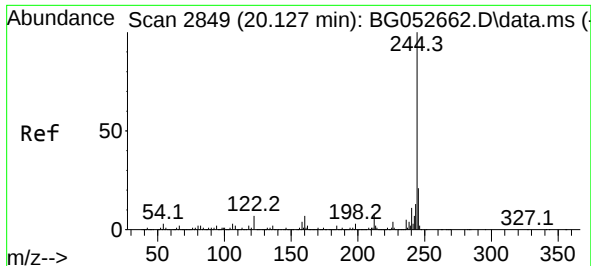
Ion Ratio Lower Upper

184 100

185 16.0 11.5 17.3

183 4.8 9.4 14.2#

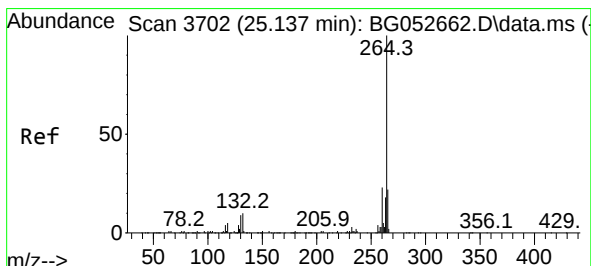
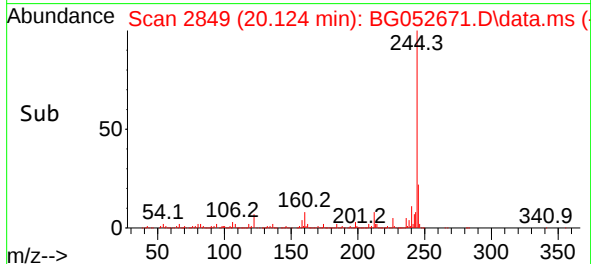
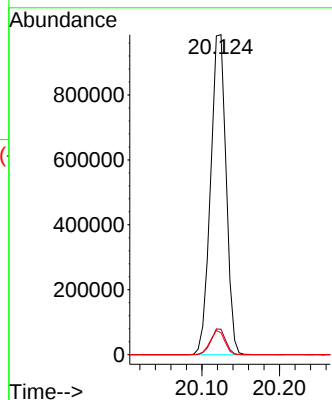
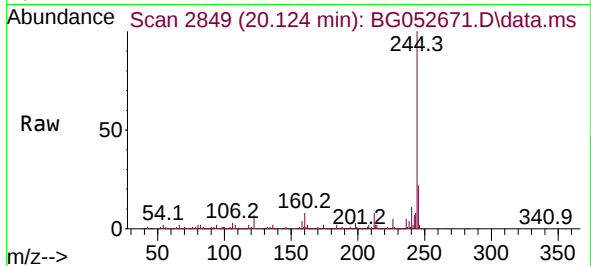




#79
 Terphenyl-d14
 Concen: 83.854 ng
 RT: 20.124 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG052671.D
 Acq: 16 Mar 2022 9:05

Instrument :
 BNA_G
 ClientSampleId :
 PB143161BL

Tgt Ion:244 Resp: 1375946
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.8 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.129 min Scan# 3701
 Delta R.T. -0.008 min
 Lab File: BG052671.D
 Acq: 16 Mar 2022 9:05

Tgt Ion:264 Resp: 276518
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 20.9 15.1 22.7

