

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052339.D
 Acq On : 9 Feb 2022 17:43
 Operator : CG/JU
 Sample : N1423-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-24

Quant Time: Feb 10 00:07:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

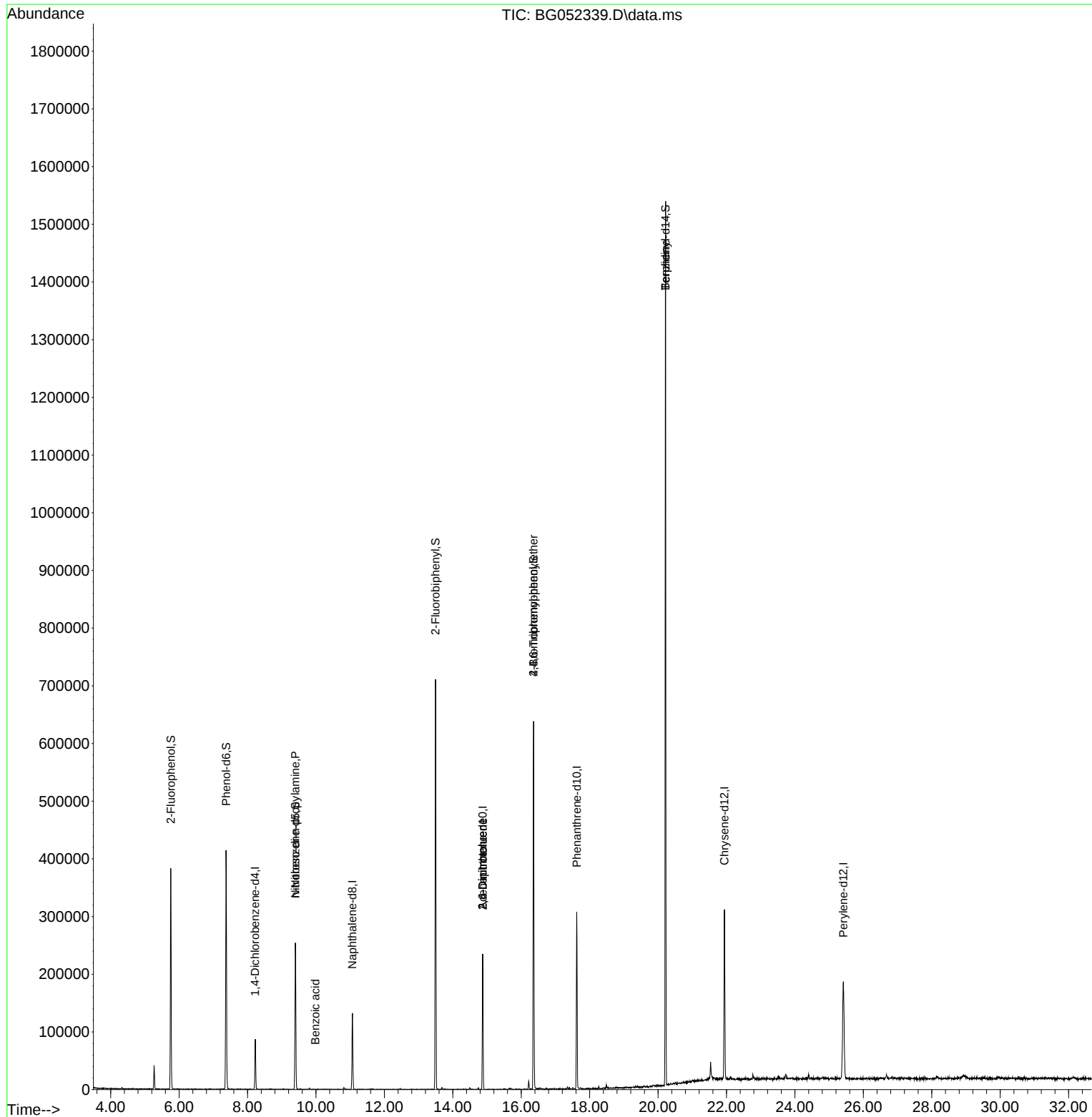
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	25839	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	109969	20.000	ng	# 0.00
39) Acenaphthene-d10	14.873	164	82471	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	206226	20.000	ng	0.00
76) Chrysene-d12	21.940	240	196444	20.000	ng	0.00
86) Perylene-d12	25.412	264	197991	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	159315	107.459	ng	0.00
7) Phenol-d6	7.372	99	231247	101.091	ng	0.00
23) Nitrobenzene-d5	9.398	82	160445	63.410	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	130529	110.167	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	392084	66.061	ng	0.00
79) Terphenyl-d14	20.219	244	766955	68.943	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.366	77	371	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.398	70	22188	12.866	ng	# 77
32) Benzoic acid	9.986	122	57	6.028	ng	# 1
51) 2,6-Dinitrotoluene	14.873	165	11369	8.339	ng	# 16
57) 2,4-Dinitrotoluene	14.873	165	11369	5.859	ng	# 15
67) 4-Bromophenyl-phenylether	16.360	248	8592	3.426	ng	# 1
77) Benzidine	20.219	184	11236	2.677	ng	# 93

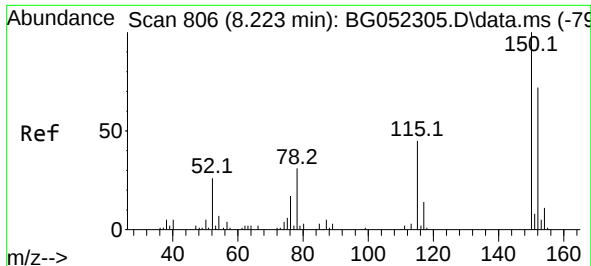
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 10 00:07:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
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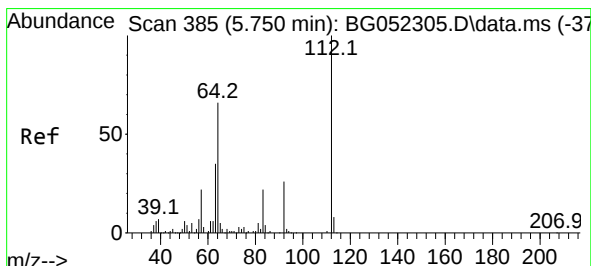
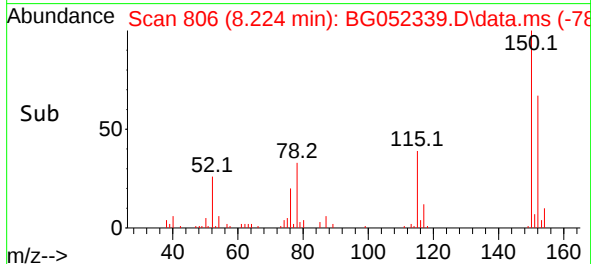
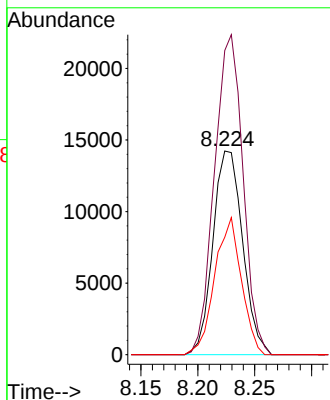
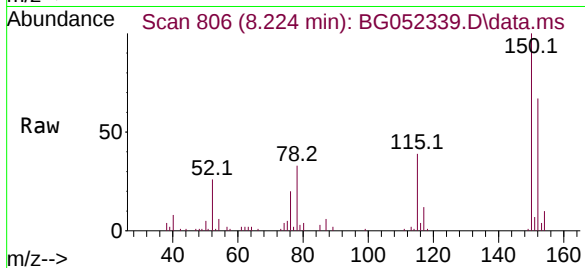




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 806
Delta R.T. 0.001 min
Lab File: BG052339.D
Acq: 9 Feb 2022 17:43

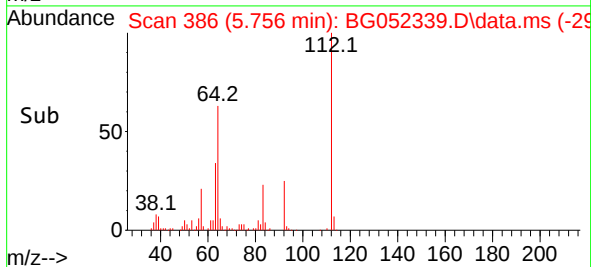
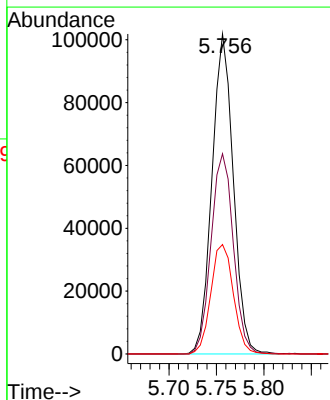
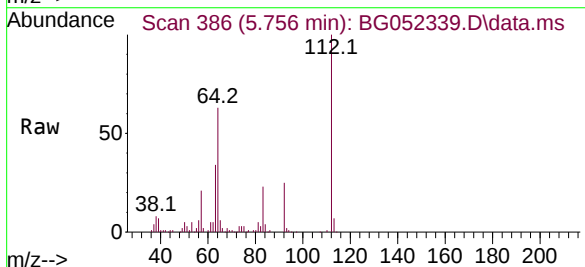
Instrument :
BNA_G
ClientSampleId :
TP-24

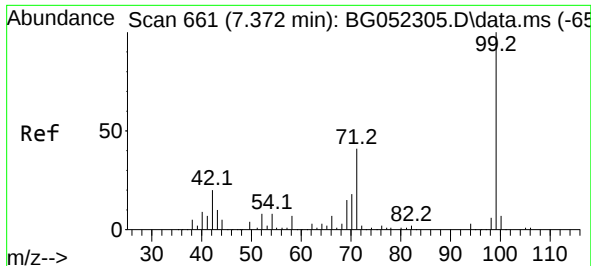
Tgt Ion:152 Resp: 25839
Ion Ratio Lower Upper
152 100
150 149.3 117.8 176.8
115 57.6 50.2 75.2



#5
2-Fluorophenol
Concen: 107.459 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052339.D
Acq: 9 Feb 2022 17:43

Tgt Ion:112 Resp: 159315
Ion Ratio Lower Upper
112 100
64 62.5 60.4 90.6
63 34.2 33.3 49.9

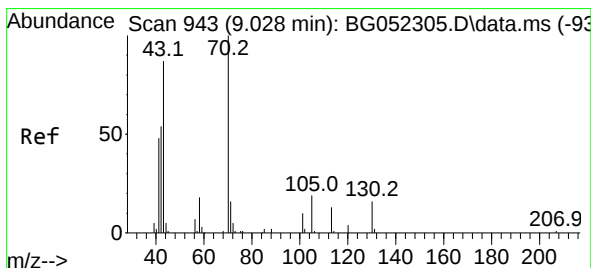
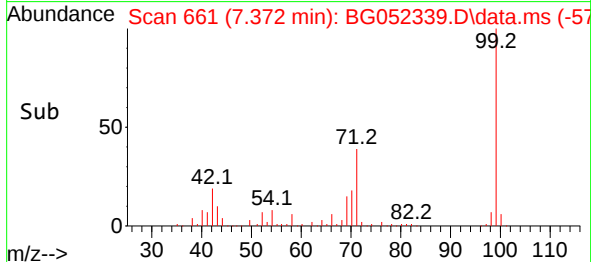
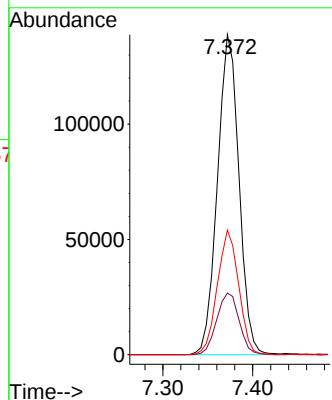
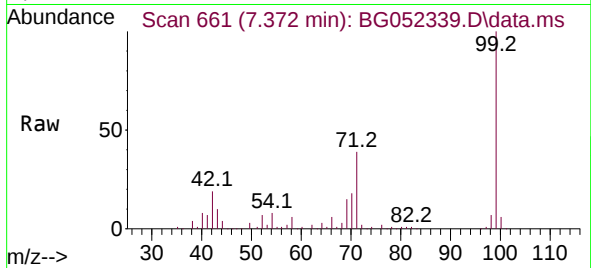




#7
Phenol-d6
Concen: 101.091 ng
RT: 7.372 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG052339.D
Acq: 9 Feb 2022 17:43

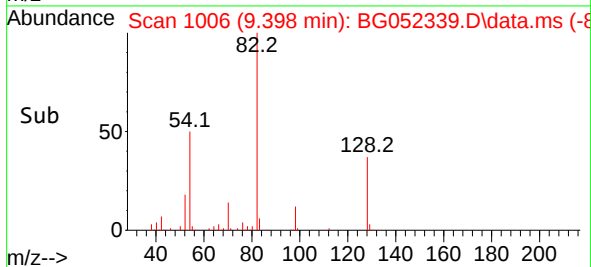
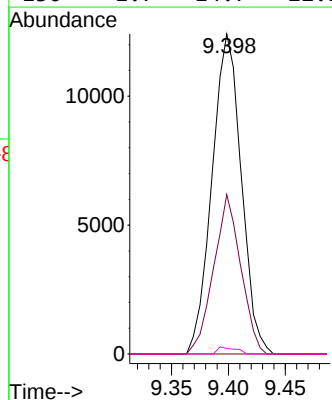
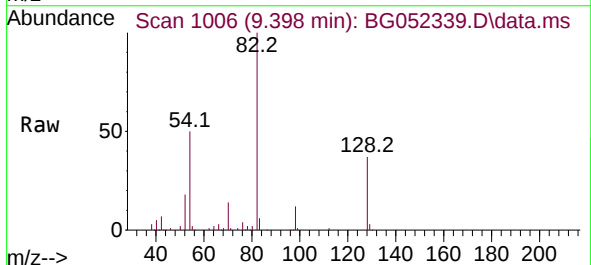
Instrument :
BNA_G
ClientSampleId :
TP-24

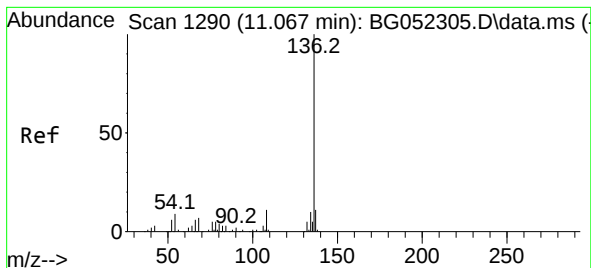
Tgt Ion: 99 Resp: 231247
Ion Ratio Lower Upper
99 100
42 19.2 19.1 28.7
71 39.0 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.866 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.370 min
Lab File: BG052339.D
Acq: 9 Feb 2022 17:43

Tgt Ion: 70 Resp: 22188
Ion Ratio Lower Upper
70 100
42 49.8 51.8 77.6#
101 0.0 6.6 10.0#
130 1.7 14.7 22.1#

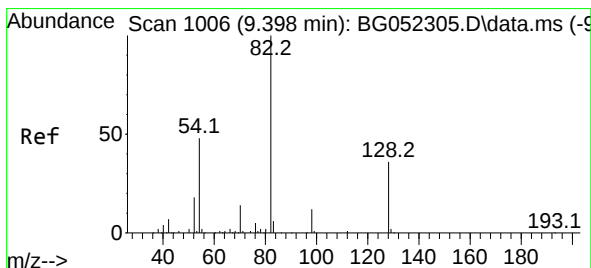
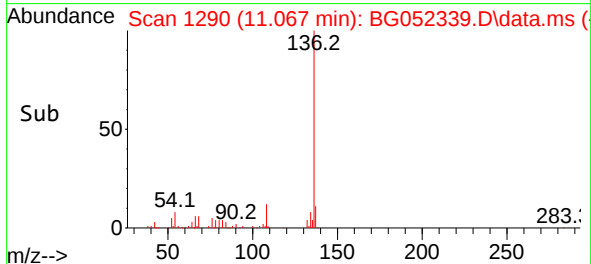
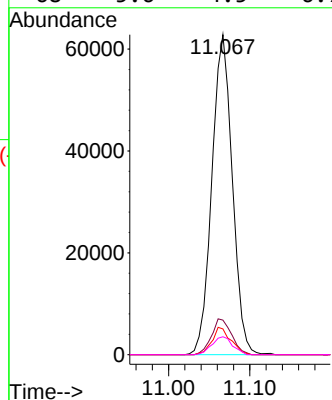
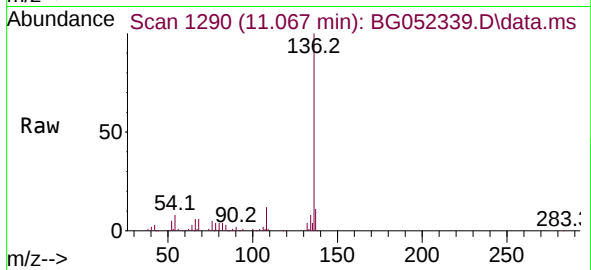




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BG052339.D
Acq: 9 Feb 2022 17:43

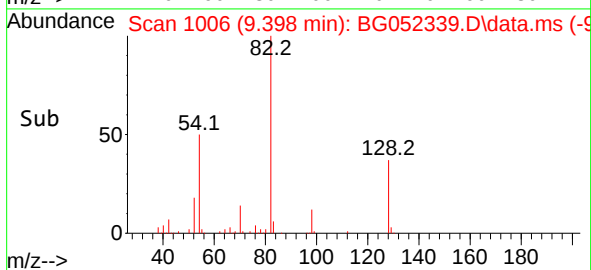
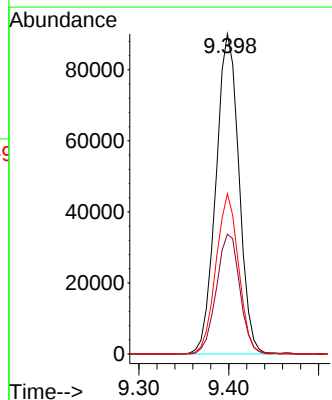
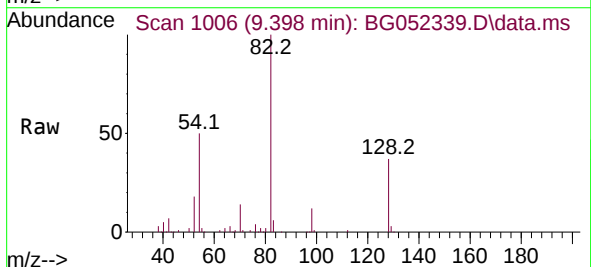
Instrument :
BNA_G
ClientSampleId :
TP-24

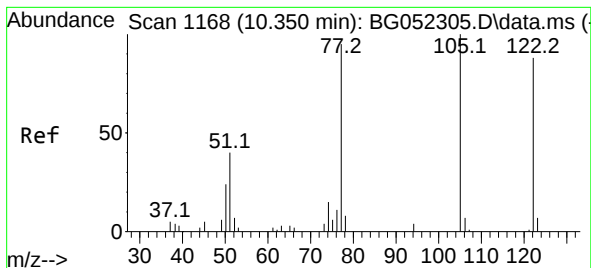
Tgt Ion:136 Resp: 109969
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.1 8.3 12.5#
68 5.6 4.5 6.7



#23
Nitrobenzene-d5
Concen: 63.410 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BG052339.D
Acq: 9 Feb 2022 17:43

Tgt Ion: 82 Resp: 160445
Ion Ratio Lower Upper
82 100
128 37.4 27.0 40.4
54 50.1 41.0 61.6





#32

Benzoic acid

Concen: 6.028 ng

RT: 9.986 min Scan# 1168

Delta R.T. -0.364 min

Lab File: BG052339.D

Acq: 9 Feb 2022 17:43

Instrument :

BNA_G

ClientSampleId :

TP-24

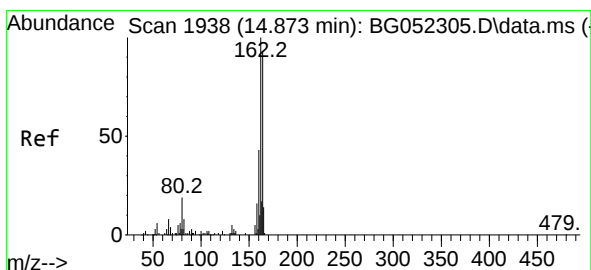
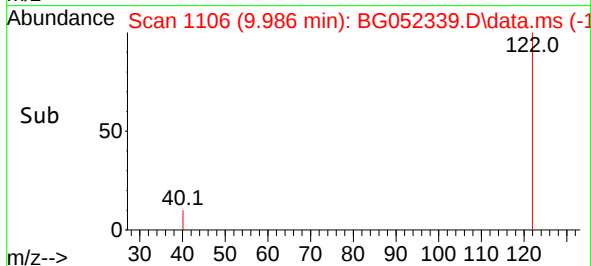
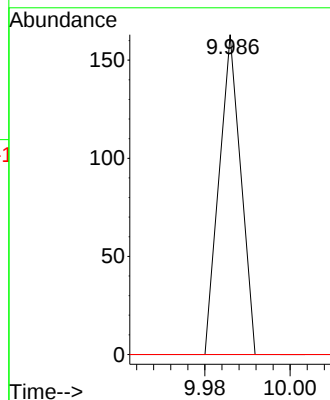
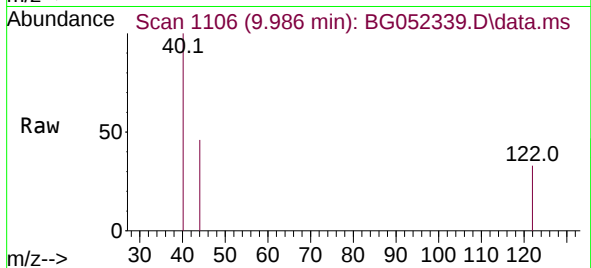
Tgt Ion:122 Resp: 57

Ion Ratio Lower Upper

122 100

105 0.0 109.2 149.2#

77 0.0 92.8 132.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.873 min Scan# 1938

Delta R.T. 0.000 min

Lab File: BG052339.D

Acq: 9 Feb 2022 17:43

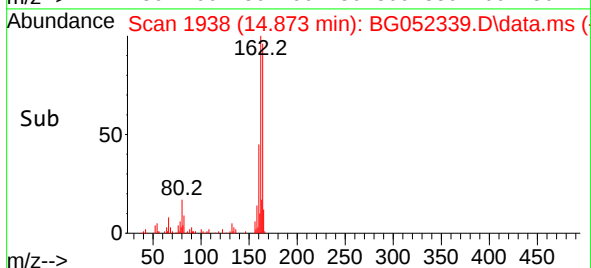
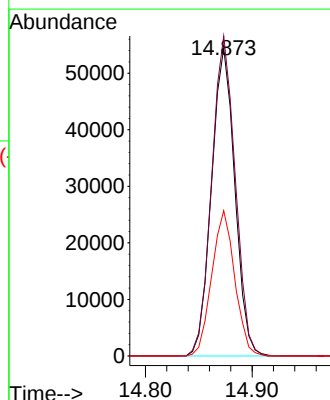
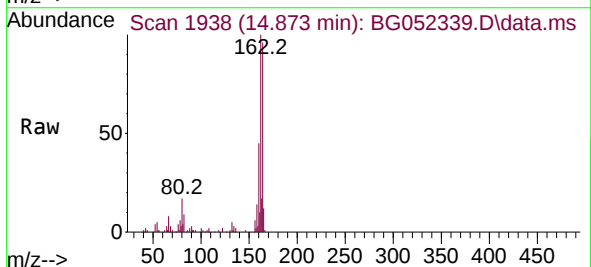
Tgt Ion:164 Resp: 82471

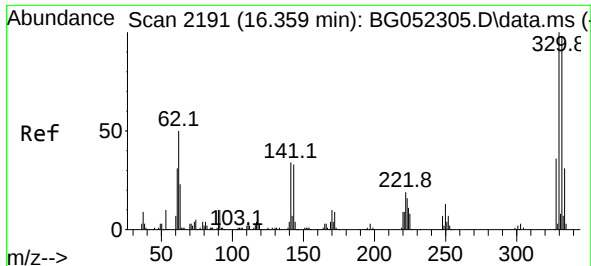
Ion Ratio Lower Upper

164 100

162 103.9 82.2 123.2

160 47.1 36.2 54.2

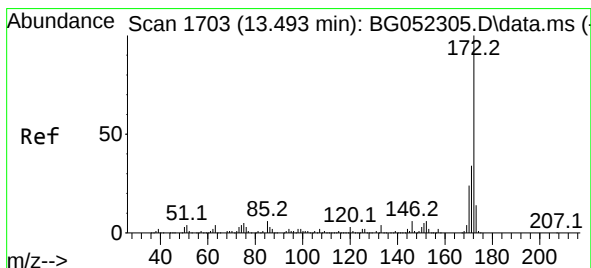
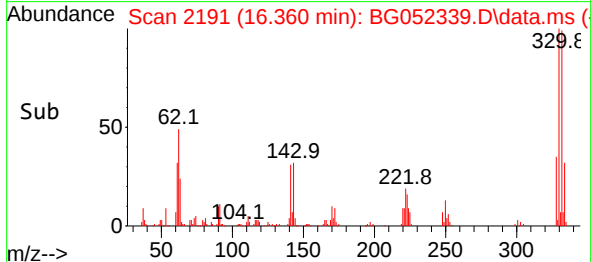
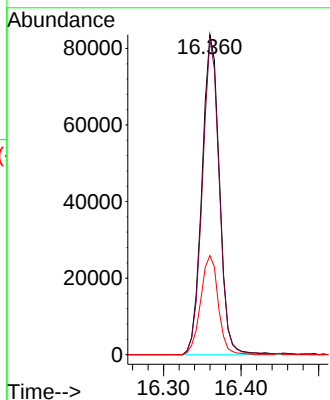
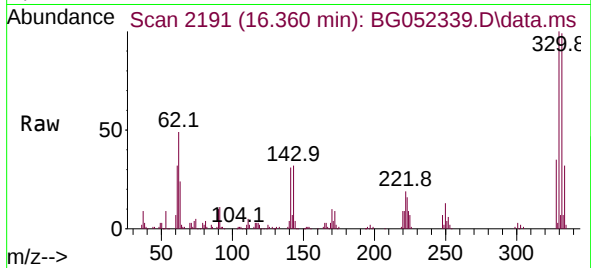




#42
2,4,6-Tribromophenol
Concen: 110.167 ng
RT: 16.360 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG052339.D
Acq: 9 Feb 2022 17:43

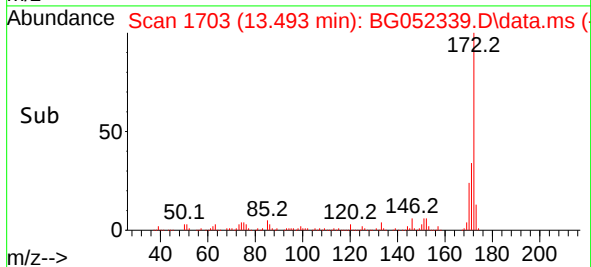
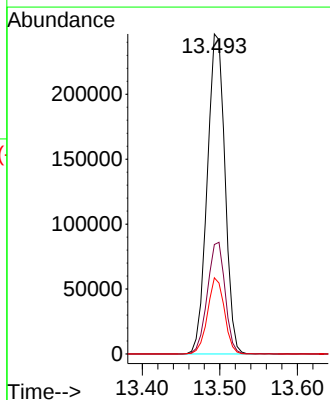
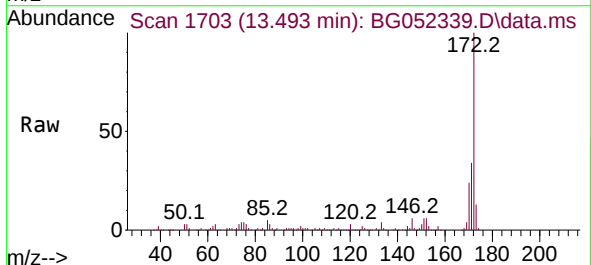
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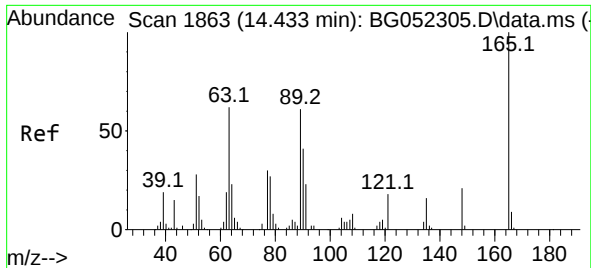
Tgt Ion:330 Resp: 130529
Ion Ratio Lower Upper
330 100
332 96.3 78.6 117.8
141 31.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 66.061 ng
RT: 13.493 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BG052339.D
Acq: 9 Feb 2022 17:43

Tgt Ion:172 Resp: 392084
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 23.8 18.3 27.5

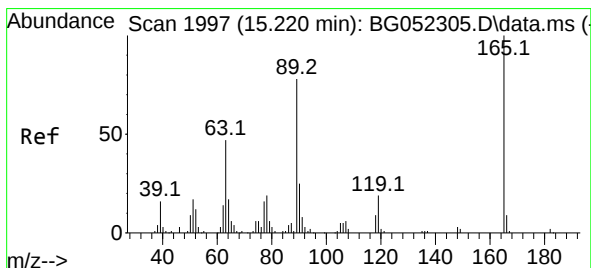
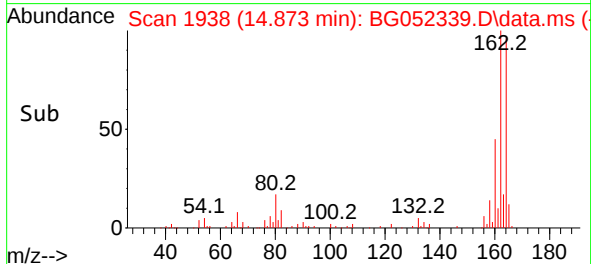
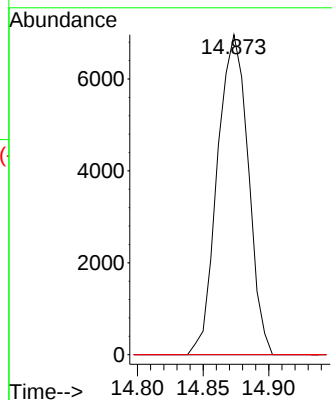
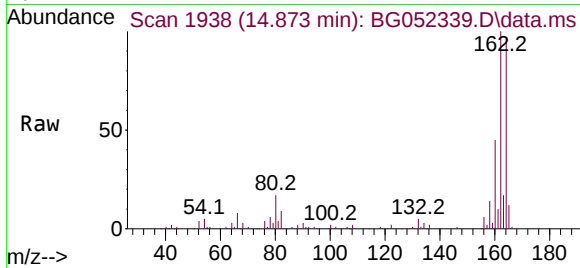




#51
2,6-Dinitrotoluene
Concen: 8.339 ng
RT: 14.873 min Scan# 1938
Delta R.T. 0.441 min
Lab File: BG052339.D
Acq: 9 Feb 2022 17:43

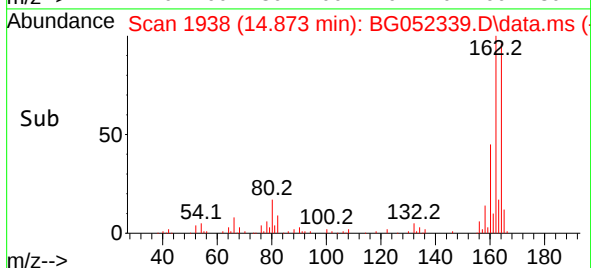
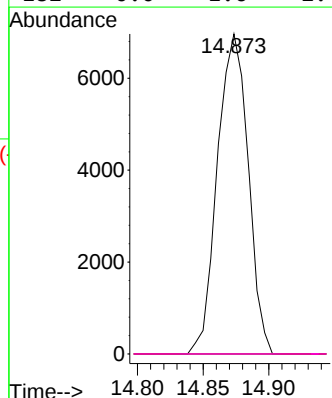
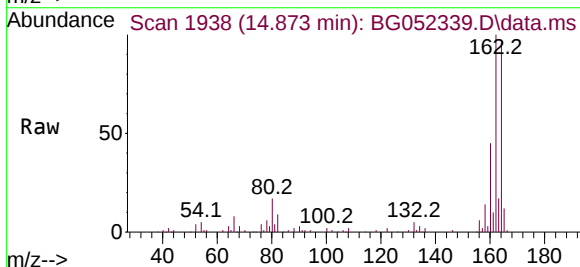
Instrument :
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ClientSampleId :
TP-24

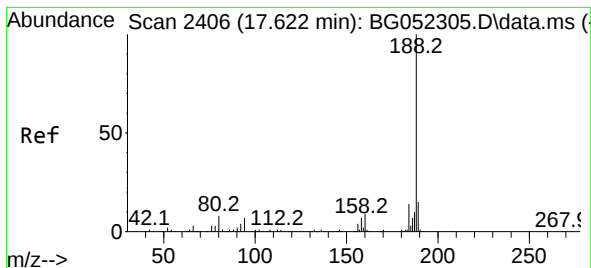
Tgt Ion:165 Resp: 11369
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#



#57
2,4-Dinitrotoluene
Concen: 5.859 ng
RT: 14.873 min Scan# 1938
Delta R.T. -0.346 min
Lab File: BG052339.D
Acq: 9 Feb 2022 17:43

Tgt Ion:165 Resp: 11369
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.623 min Scan# 2406

Delta R.T. 0.000 min

Lab File: BG052339.D

Acq: 9 Feb 2022 17:43

Instrument :

BNA_G

ClientSampleId :

TP-24

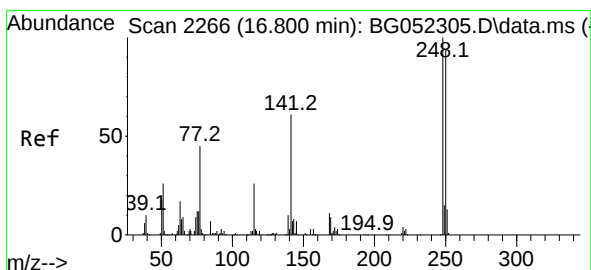
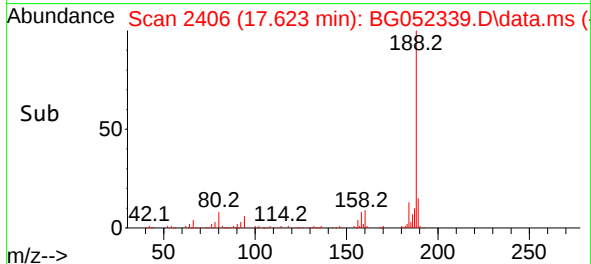
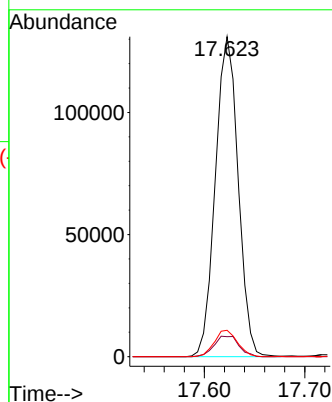
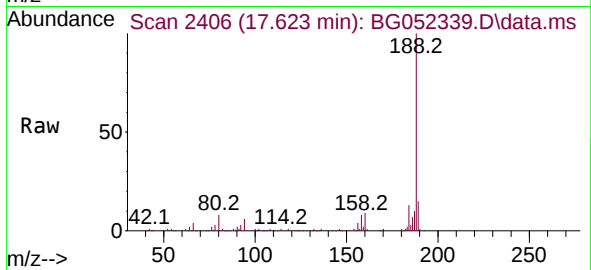
Tgt Ion:188 Resp: 206226

Ion Ratio Lower Upper

188 100

94 6.3 5.9 8.9

80 8.2 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 3.426 ng

RT: 16.360 min Scan# 2191

Delta R.T. -0.440 min

Lab File: BG052339.D

Acq: 9 Feb 2022 17:43

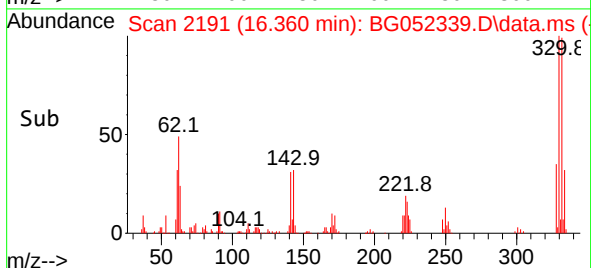
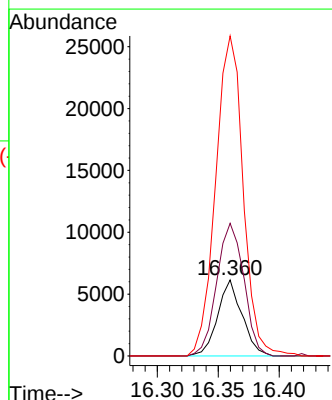
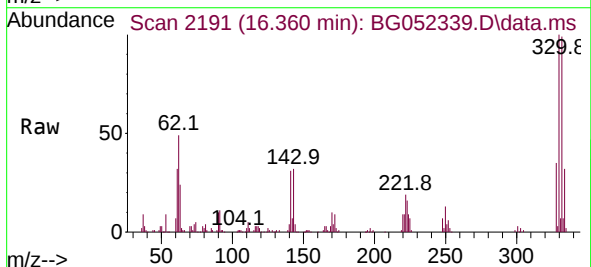
Tgt Ion:248 Resp: 8592

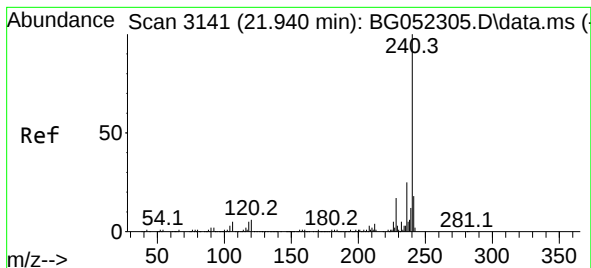
Ion Ratio Lower Upper

248 100

250 174.4 79.6 119.4#

141 420.6 54.6 81.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.940 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BG052339.D

Acq: 9 Feb 2022 17:43

Instrument :

BNA_G

ClientSampleId :

TP-24

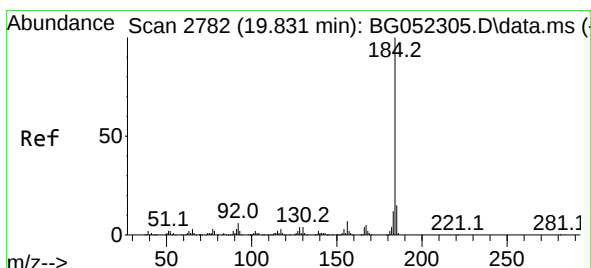
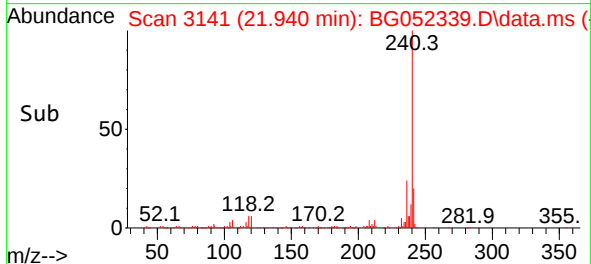
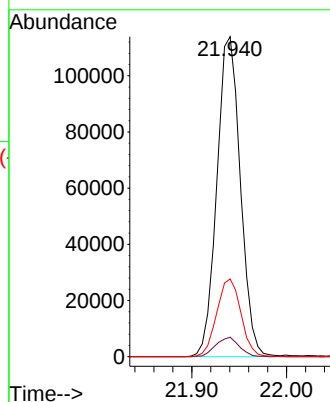
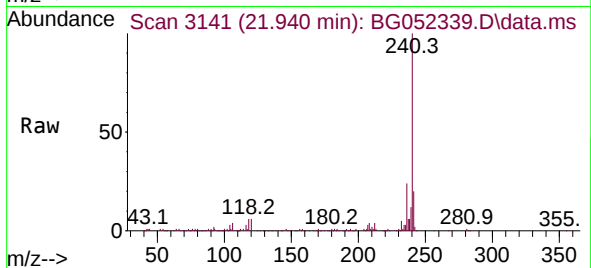
Tgt Ion:240 Resp: 196444

Ion Ratio Lower Upper

240 100

120 6.1 4.4 6.6

236 24.3 20.8 31.2



#77

Benzidine

Concen: 2.677 ng

RT: 20.219 min Scan# 2848

Delta R.T. 0.388 min

Lab File: BG052339.D

Acq: 9 Feb 2022 17:43

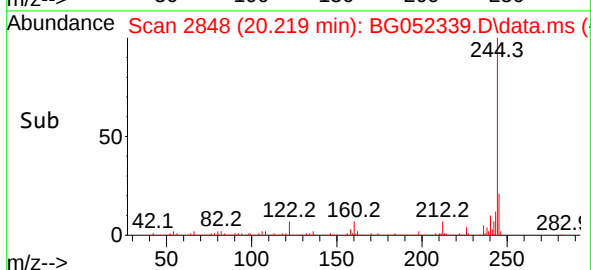
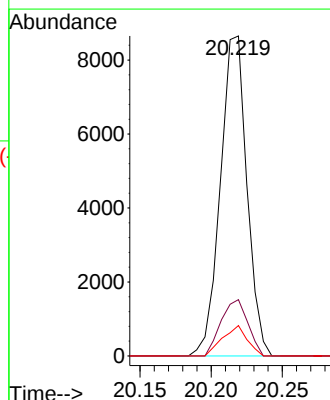
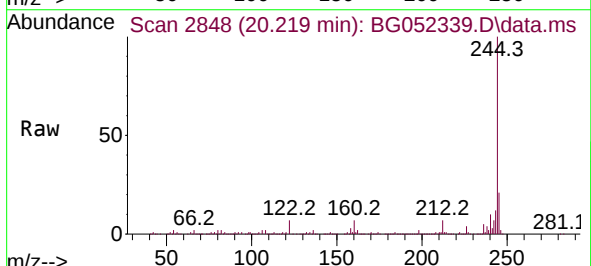
Tgt Ion:184 Resp: 11236

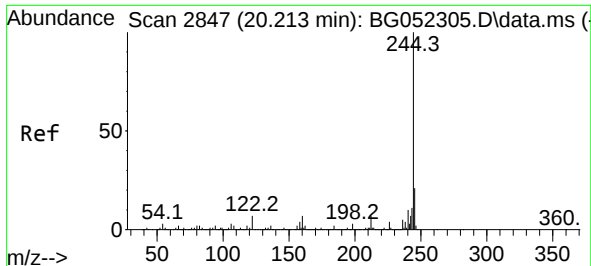
Ion Ratio Lower Upper

184 100

185 17.6 11.8 17.8

183 9.5 9.8 14.6#

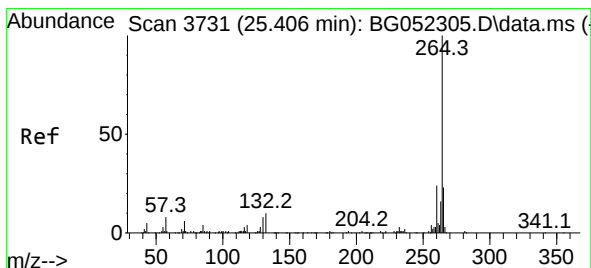
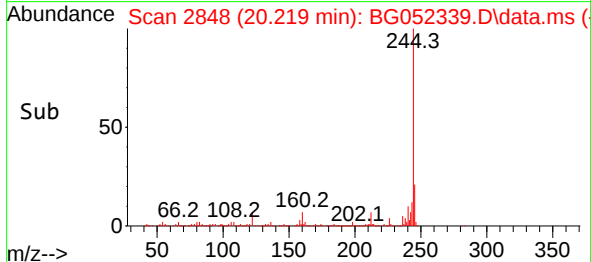
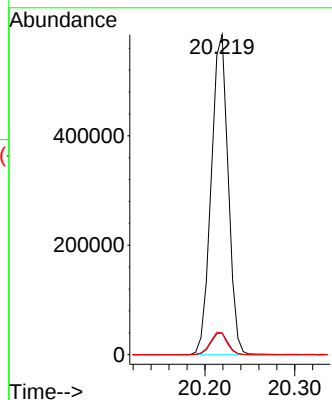
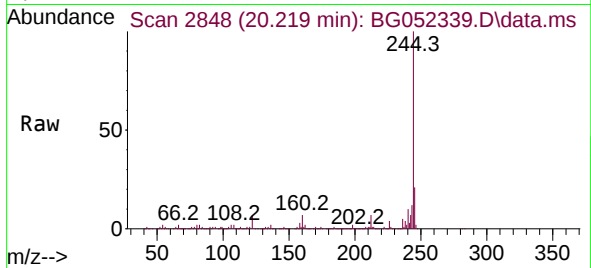




#79
 Terphenyl-d14
 Concen: 68.943 ng
 RT: 20.219 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG052339.D
 Acq: 9 Feb 2022 17:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-24

Tgt Ion:244 Resp: 766955
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 6.8 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.412 min Scan# 3732
 Delta R.T. 0.006 min
 Lab File: BG052339.D
 Acq: 9 Feb 2022 17:43

Tgt Ion:264 Resp: 197991
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 23.8 17.8 26.6

