

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
 Data File : BG052612.D
 Acq On : 8 Mar 2022 19:57
 Operator : CG/JU
 Sample : N1825-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUM-32

Quant Time: Mar 09 04:19:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 08 01:09:10 2022
 Response via : Initial Calibration

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

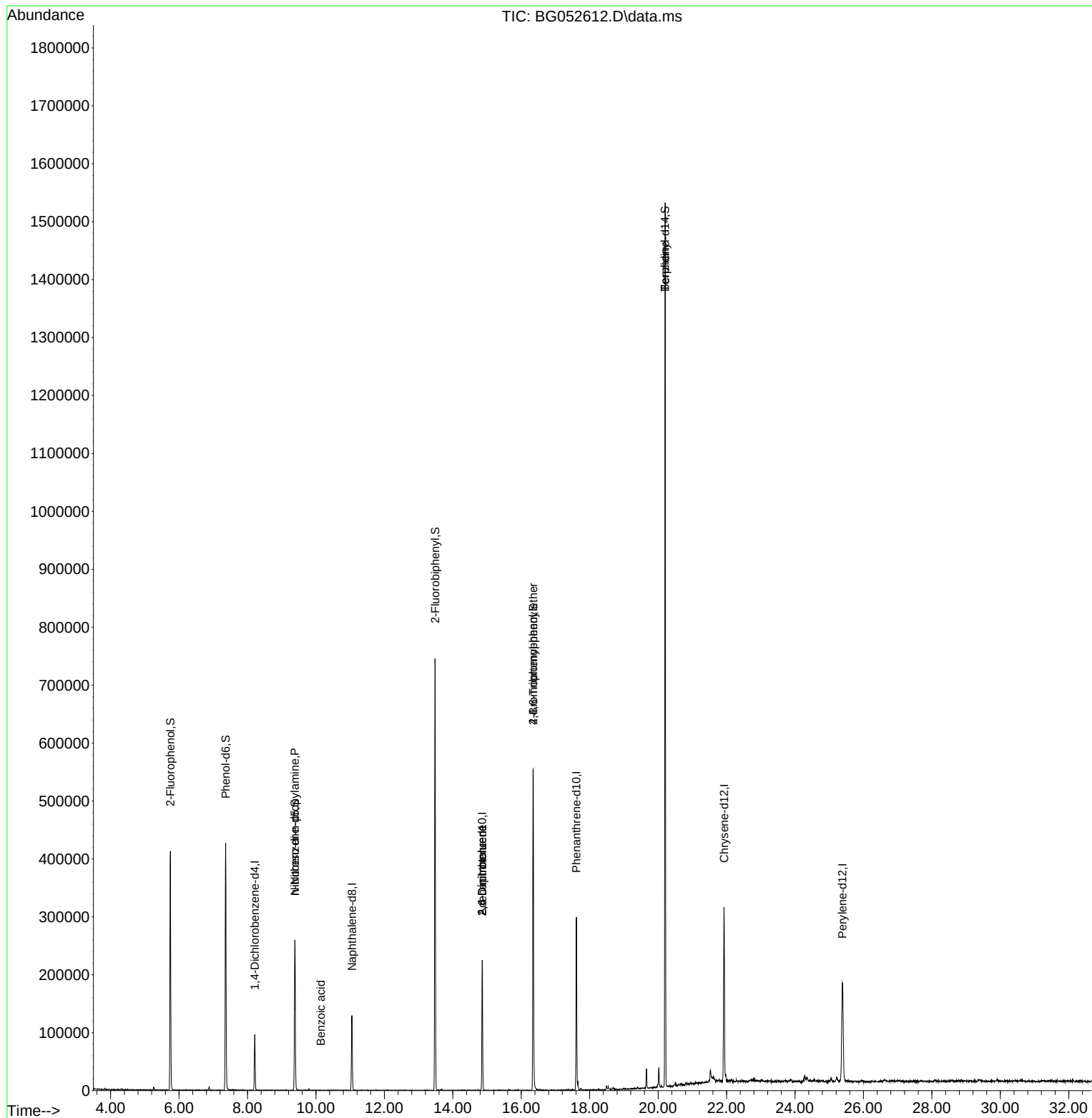
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.214	152	28265	20.000	ng	0.00
21) Naphthalene-d8	11.051	136	115932	20.000	ng	# 0.00
39) Acenaphthene-d10	14.858	164	80609	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	201659	20.000	ng	# 0.00
76) Chrysene-d12	21.925	240	205708	20.000	ng	# 0.00
86) Perylene-d12	25.385	264	207557	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	181781	109.570	ng	0.00
7) Phenol-d6	7.362	99	248985	106.806	ng	0.00
23) Nitrobenzene-d5	9.383	82	175223	68.905	ng	-0.01
42) 2,4,6-Tribromophenol	16.350	330	122370	105.628	ng	0.00
45) 2-Fluorobiphenyl	13.483	172	409046	69.972	ng	0.00
79) Terphenyl-d14	20.204	244	778890	67.805	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.383	70	24768	15.605	ng	# 73
32) Benzoic acid	10.147	122	54	5.844	ng	# 1
51) 2,6-Dinitrotoluene	14.858	165	10839	8.044	ng	# 16
57) 2,4-Dinitrotoluene	14.858	165	10839	5.687	ng	# 15
67) 4-Bromophenyl-phenylether	16.350	248	7647	3.138	ng	# 1
77) Benzidine	20.204	184	10719	2.437	ng	# 92

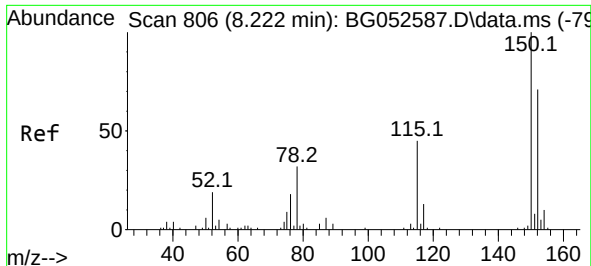
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 08 01:09:10 2022
Response via : Initial Calibration

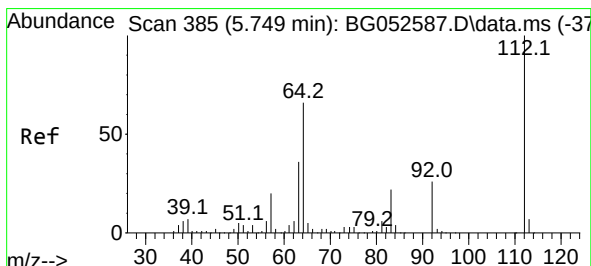
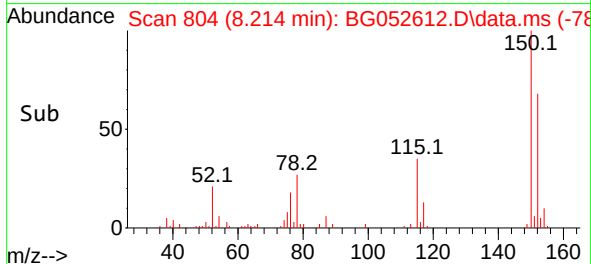
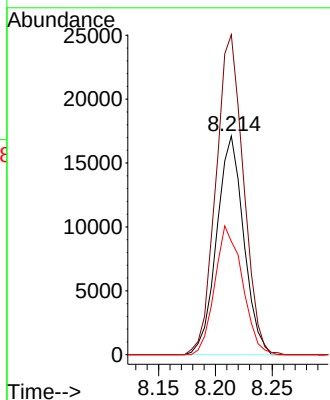
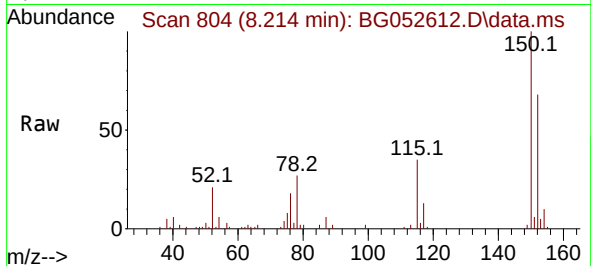




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.214 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

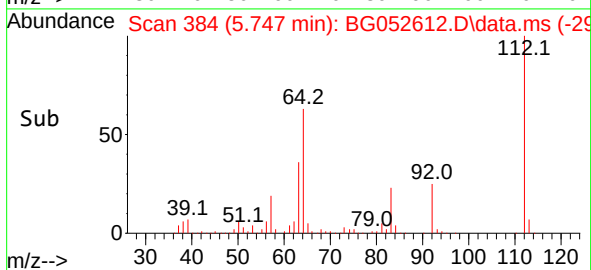
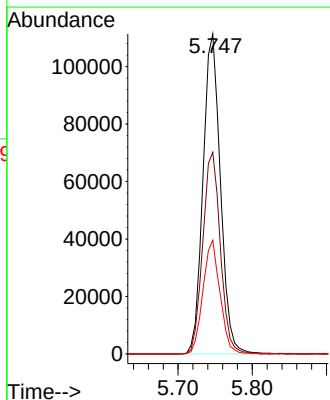
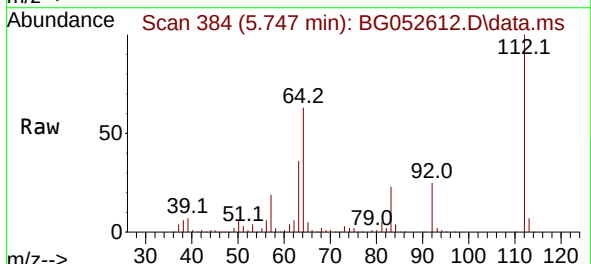
Instrument :
BNA_G
ClientSampleId :
DUM-32

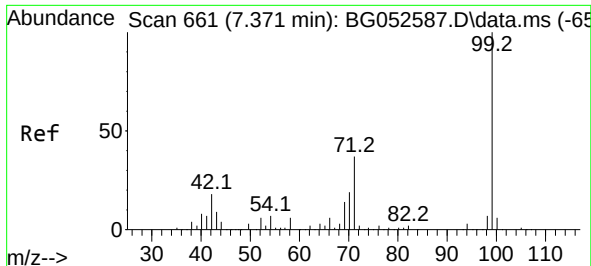
Tgt Ion:152 Resp: 28265
Ion Ratio Lower Upper
152 100
150 146.3 117.8 176.8
115 51.8 50.2 75.2



#5
2-Fluorophenol
Concen: 109.570 ng
RT: 5.747 min Scan# 384
Delta R.T. -0.003 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

Tgt Ion:112 Resp: 181781
Ion Ratio Lower Upper
112 100
64 63.0 60.4 90.6
63 35.6 33.3 49.9

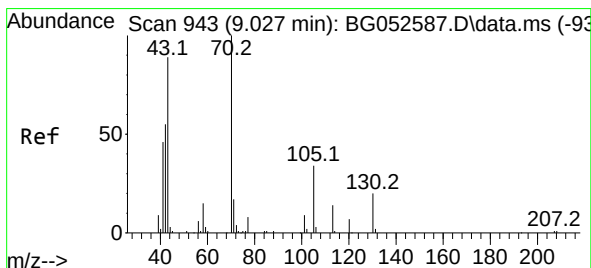
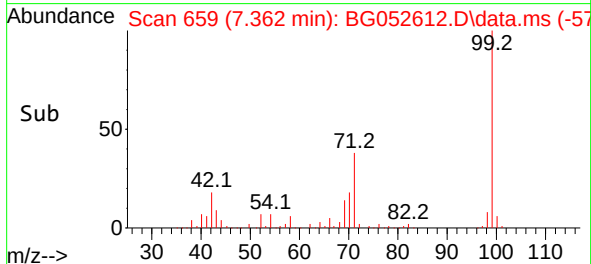
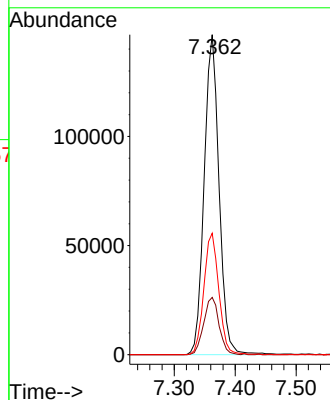
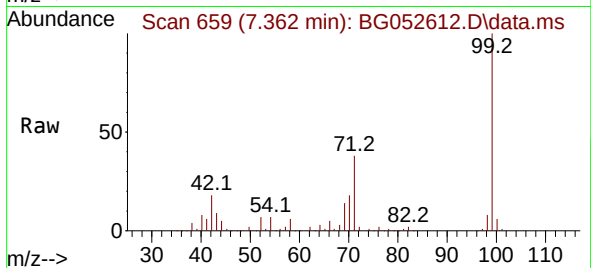




#7
Phenol-d6
Concen: 106.806 ng
RT: 7.362 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

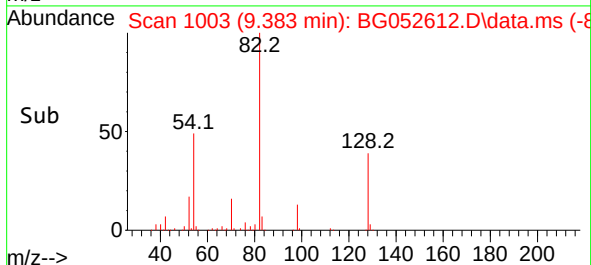
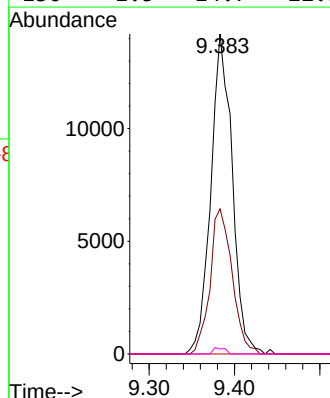
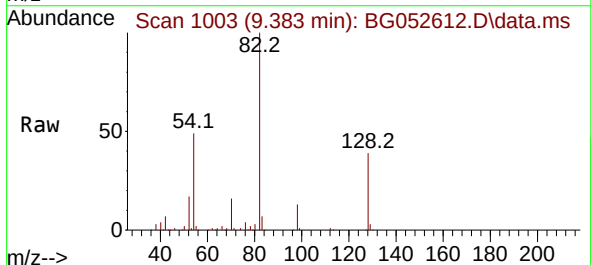
Instrument :
BNA_G
ClientSampleId :
DUM-32

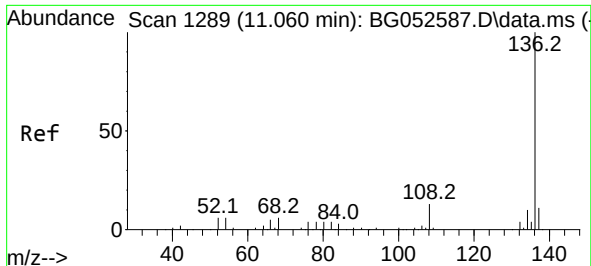
Tgt Ion: 99 Resp: 248985
Ion Ratio Lower Upper
99 100
42 17.9 19.1 28.7#
71 38.0 33.4 50.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.605 ng
RT: 9.383 min Scan# 1003
Delta R.T. 0.356 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

Tgt Ion: 70 Resp: 24768
Ion Ratio Lower Upper
70 100
42 45.3 51.8 77.6#
101 0.0 6.6 10.0#
130 1.5 14.7 22.1#

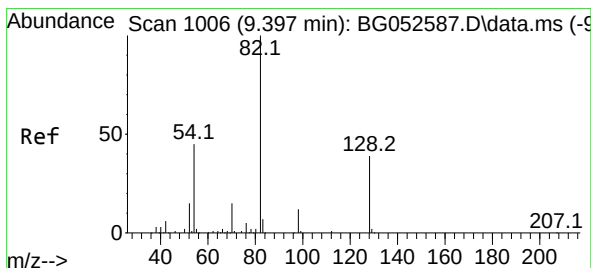
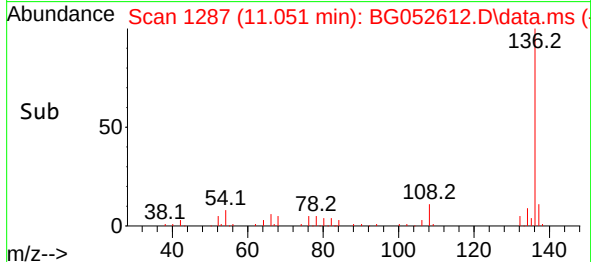
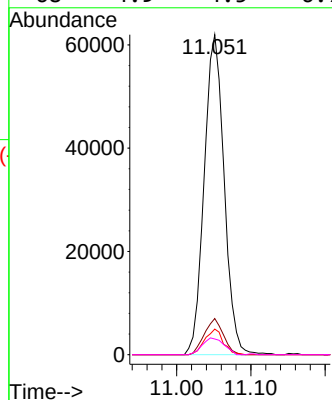
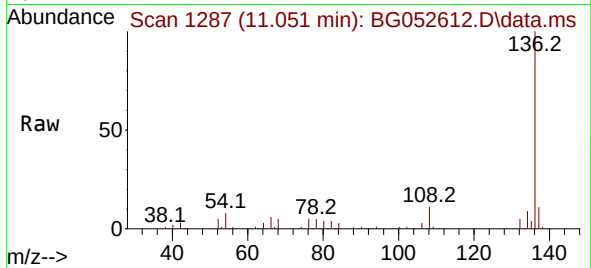




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.051 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

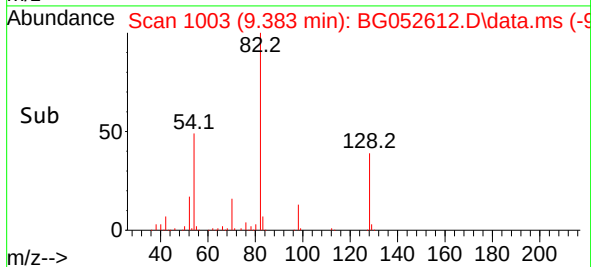
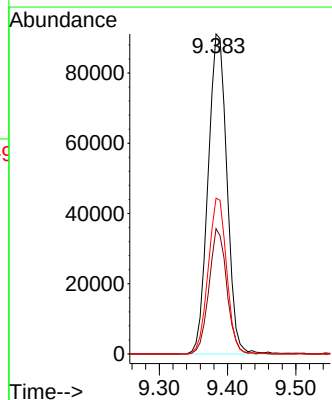
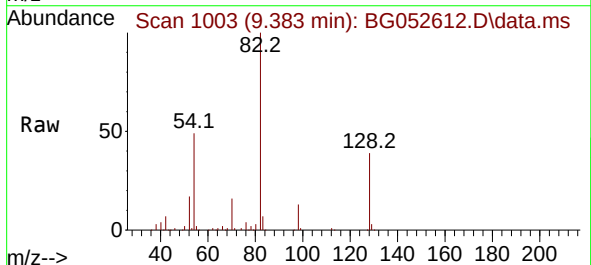
Instrument :
BNA_G
ClientSampleId :
DUM-32

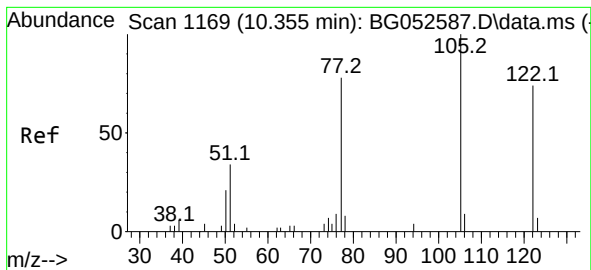
Tgt Ion:136 Resp: 115932
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.0 8.3 12.5#
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 68.905 ng
RT: 9.383 min Scan# 1003
Delta R.T. -0.014 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

Tgt Ion: 82 Resp: 175223
Ion Ratio Lower Upper
82 100
128 39.2 27.0 40.4
54 48.7 41.0 61.6





#32

Benzoic acid

Concen: 5.844 ng

RT: 10.147 min Scan# 1169

Delta R.T. -0.208 min

Lab File: BG052612.D

Acq: 8 Mar 2022 19:57

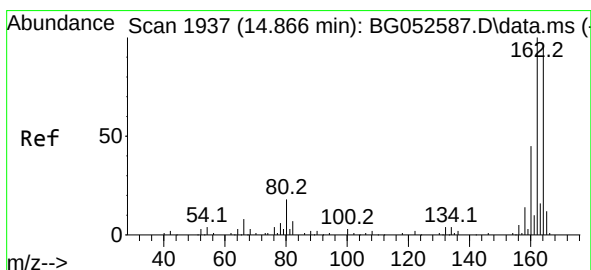
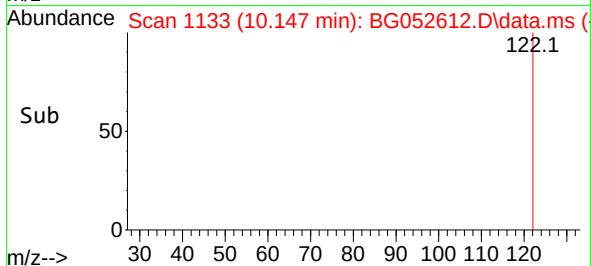
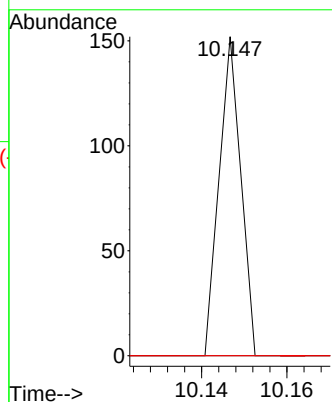
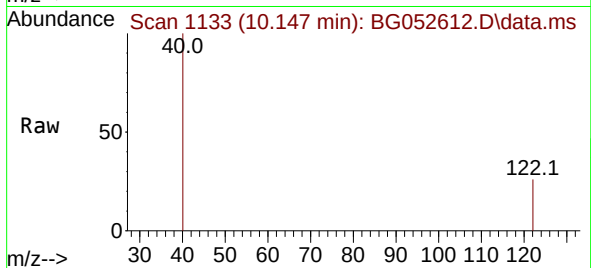
Instrument :

BNA_G

ClientSampleId :

DUM-32

Tgt Ion:122	Resp:	54
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

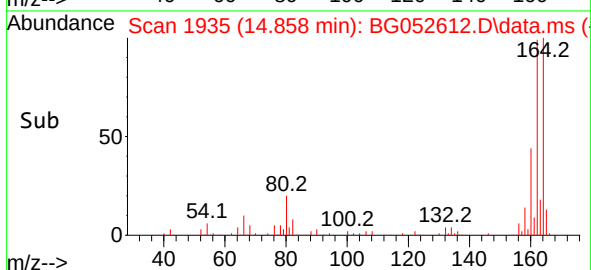
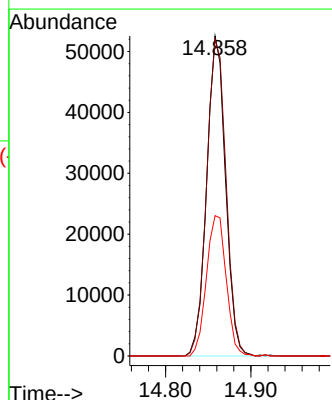
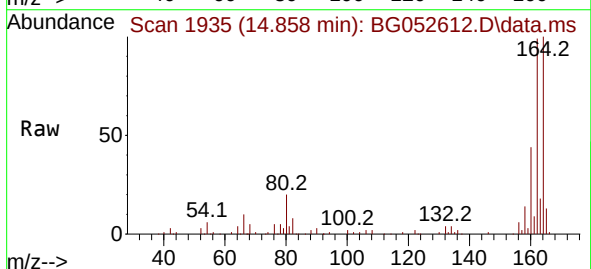
RT: 14.858 min Scan# 1935

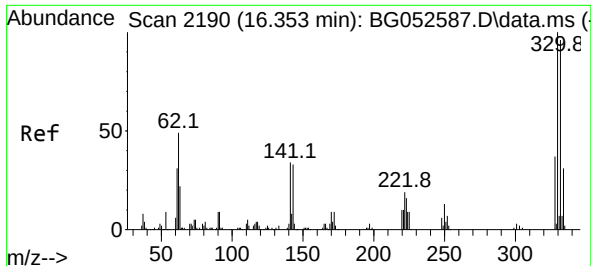
Delta R.T. -0.008 min

Lab File: BG052612.D

Acq: 8 Mar 2022 19:57

Tgt Ion:164	Resp:	80609
Ion	Ratio	Lower Upper
164	100	
162	99.0	82.2 123.2
160	43.9	36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 105.628 ng

RT: 16.350 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG052612.D

Acq: 8 Mar 2022 19:57

Instrument :

BNA_G

ClientSampleId :

DUM-32

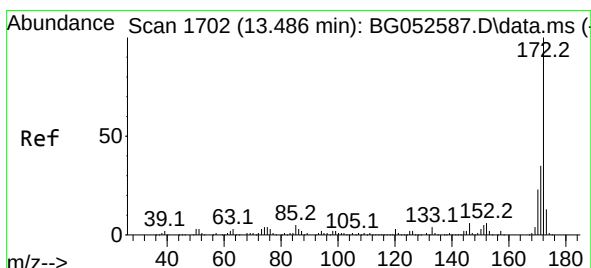
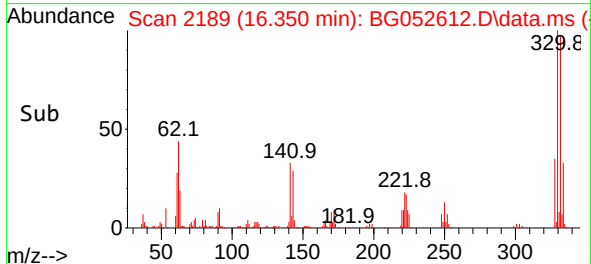
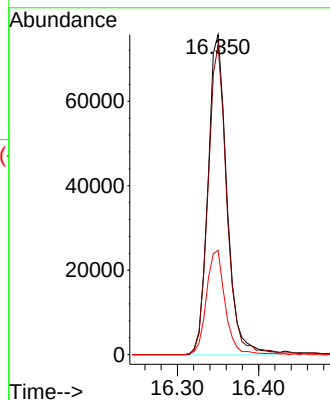
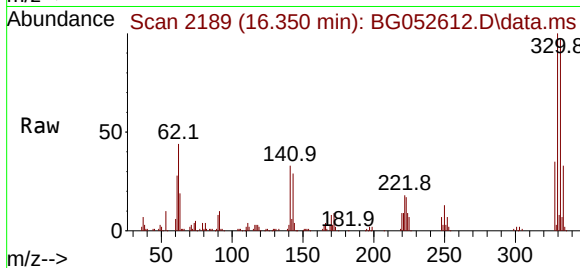
Tgt Ion:330 Resp: 122370

Ion Ratio Lower Upper

330 100

332 96.4 78.6 117.8

141 32.5 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 69.972 ng

RT: 13.483 min Scan# 1701

Delta R.T. -0.003 min

Lab File: BG052612.D

Acq: 8 Mar 2022 19:57

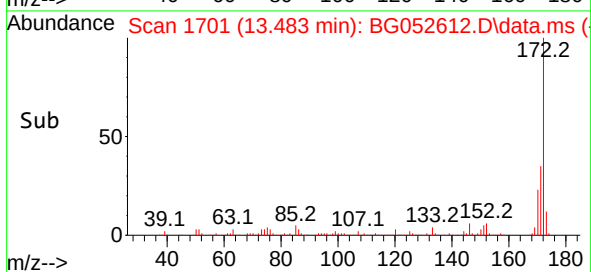
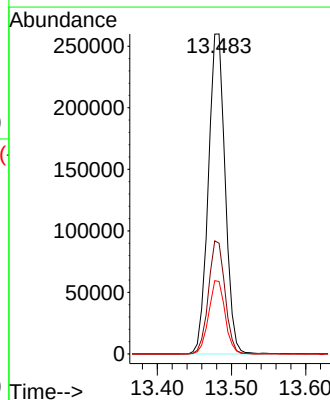
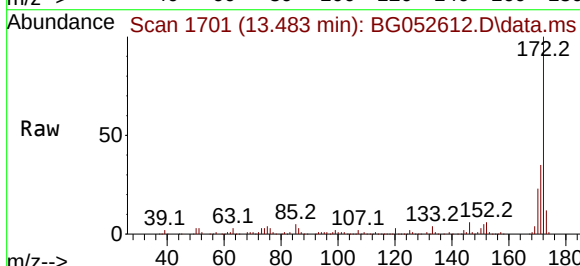
Tgt Ion:172 Resp: 409046

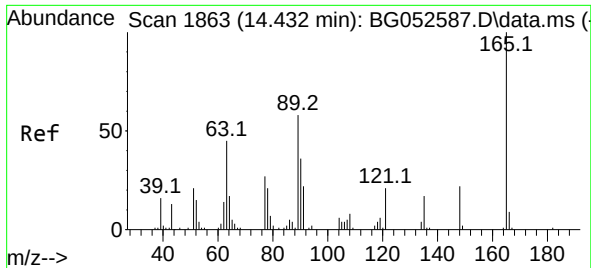
Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 22.6 18.3 27.5

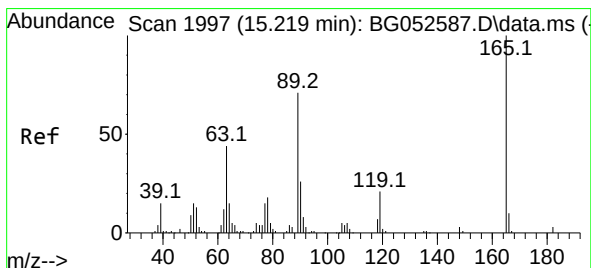
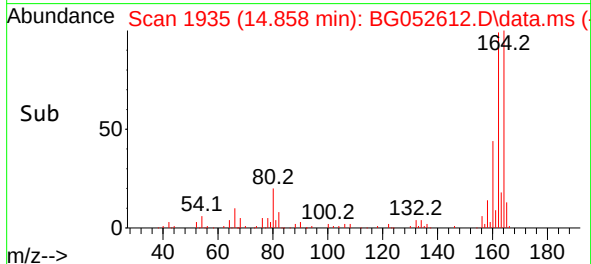
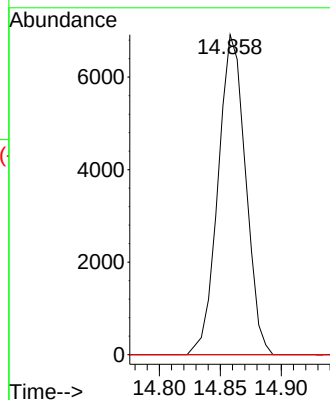
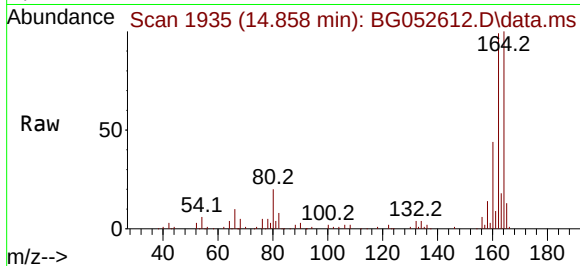




#51
2,6-Dinitrotoluene
Concen: 8.044 ng
RT: 14.858 min Scan# 1935
Delta R.T. 0.426 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

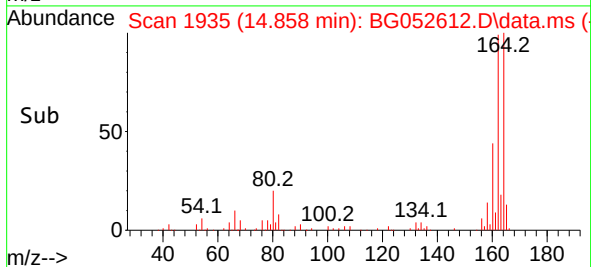
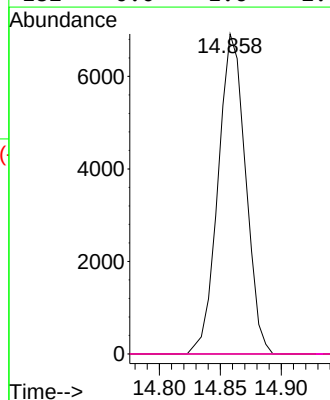
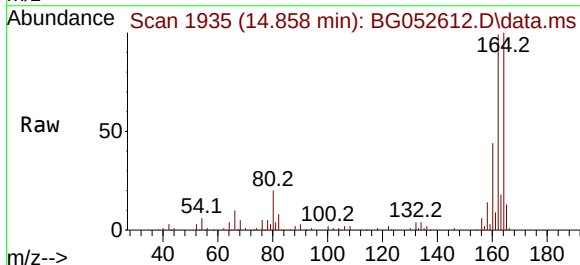
Instrument :
BNA_G
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DUM-32

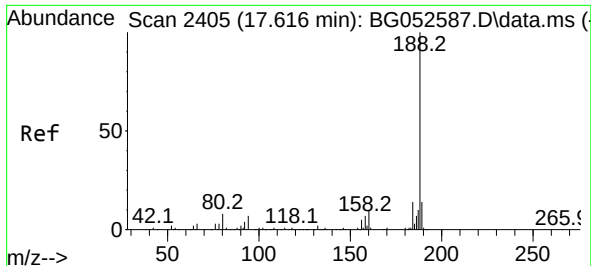
Tgt Ion:165 Resp: 10839
Ion Ratio Lower Upper
165 100
63 0.0 59.0 88.4#
89 0.0 49.4 74.0#



#57
2,4-Dinitrotoluene
Concen: 5.687 ng
RT: 14.858 min Scan# 1935
Delta R.T. -0.361 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

Tgt Ion:165 Resp: 10839
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#

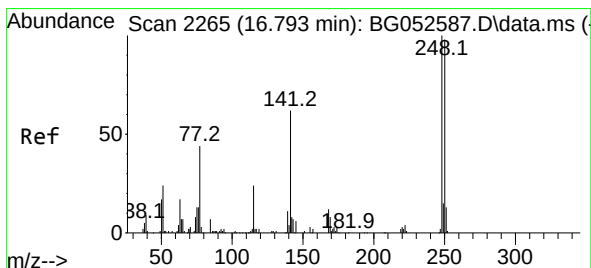
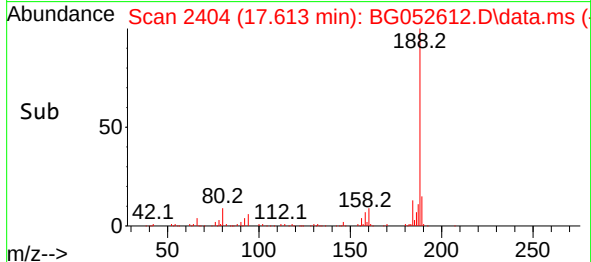
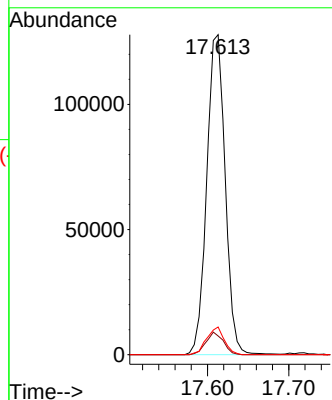
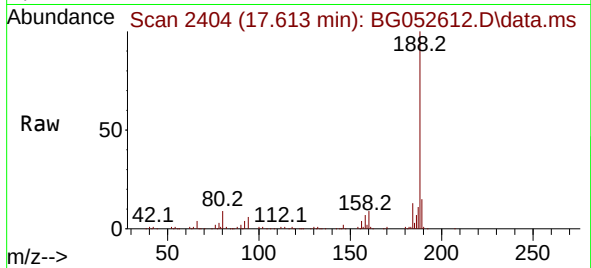




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2405
Delta R.T. -0.003 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

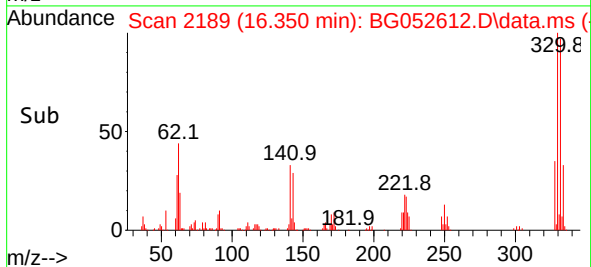
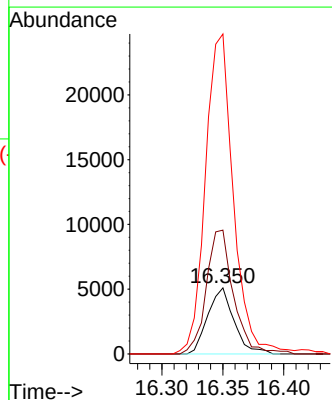
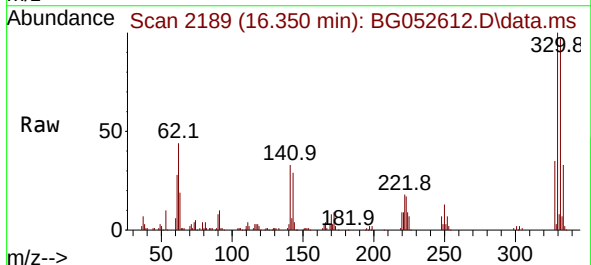
Instrument :
BNA_G
ClientSampleId :
DUM-32

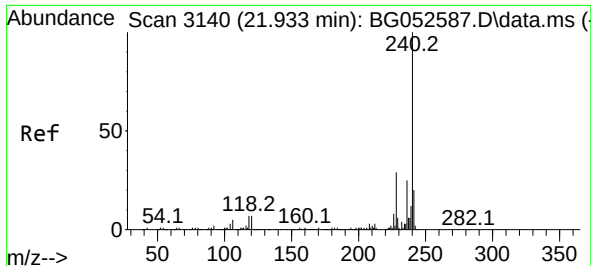
Tgt Ion:188 Resp: 201659
Ion Ratio Lower Upper
188 100
94 5.9 5.9 8.9#
80 8.7 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.138 ng
RT: 16.350 min Scan# 2189
Delta R.T. -0.443 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

Tgt Ion:248 Resp: 7647
Ion Ratio Lower Upper
248 100
250 187.3 79.6 119.4#
141 483.8 54.6 81.8#

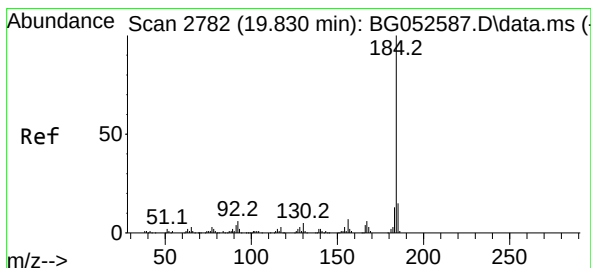
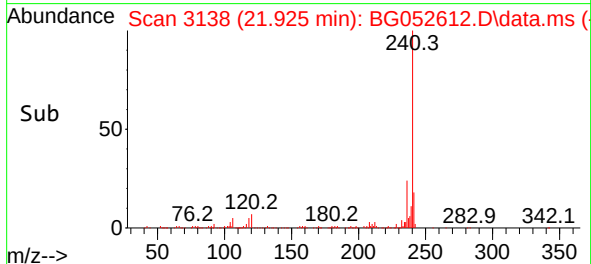
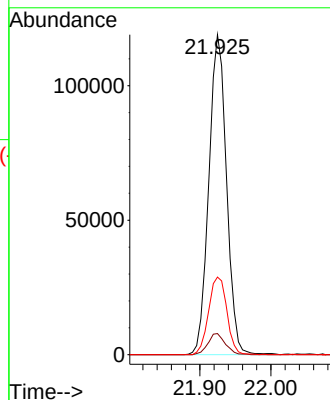
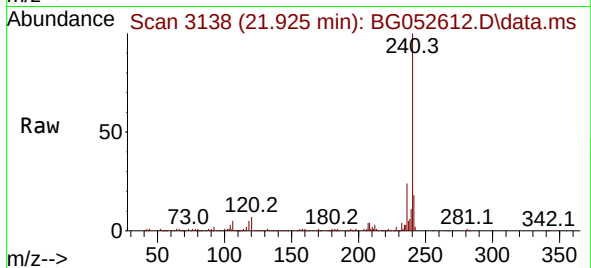




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

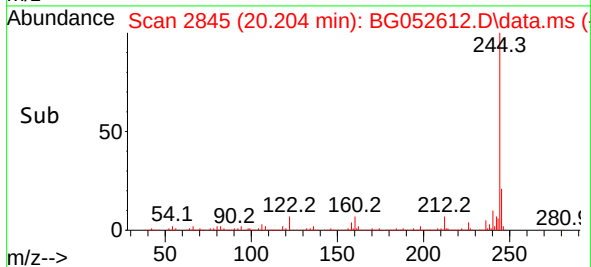
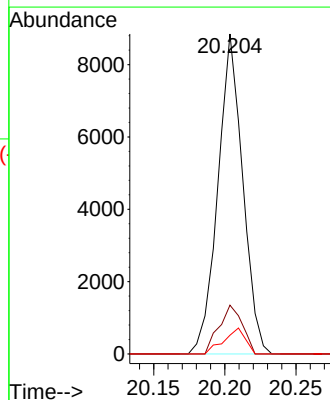
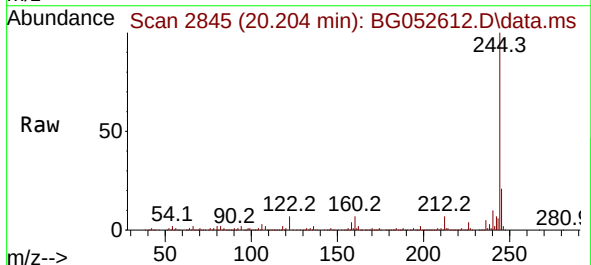
Instrument :
BNA_G
ClientSampleId :
DUM-32

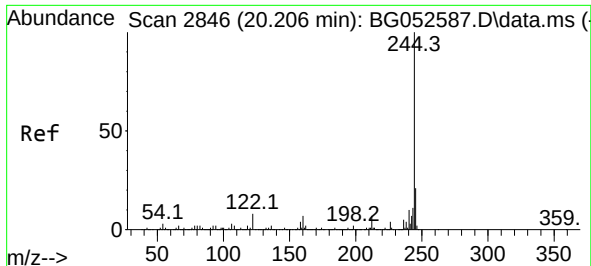
Tgt Ion:240 Resp: 205708
Ion Ratio Lower Upper
240 100
120 6.6 4.4 6.6#
236 24.2 20.8 31.2



#77
Benzidine
Concen: 2.437 ng
RT: 20.204 min Scan# 2845
Delta R.T. 0.373 min
Lab File: BG052612.D
Acq: 8 Mar 2022 19:57

Tgt Ion:184 Resp: 10719
Ion Ratio Lower Upper
184 100
185 15.3 11.8 17.8
183 5.9 9.8 14.6#

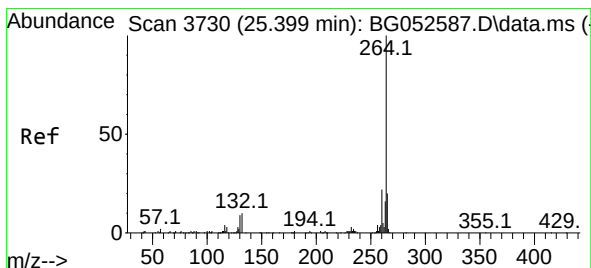
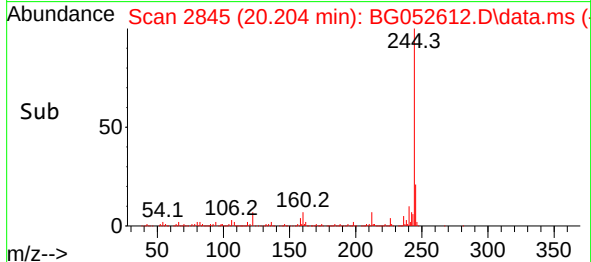
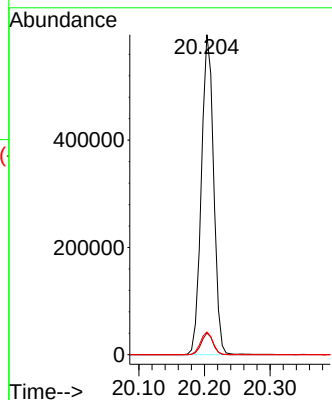
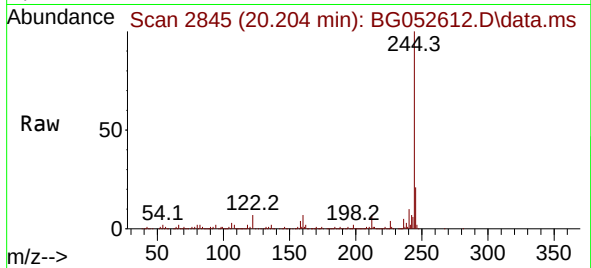




#79
 Terphenyl-d14
 Concen: 67.805 ng
 RT: 20.204 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG052612.D
 Acq: 8 Mar 2022 19:57

Instrument :
 BNA_G
 ClientSampleId :
 DUM-32

Tgt Ion:244 Resp: 778890
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 7.1 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.385 min Scan# 3727
 Delta R.T. -0.014 min
 Lab File: BG052612.D
 Acq: 8 Mar 2022 19:57

Tgt Ion:264 Resp: 207557
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 20.4 17.8 26.6

