

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
 Data File : BG052609.D
 Acq On : 8 Mar 2022 18:00
 Operator : CG/JU
 Sample : N1730-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 29-30-SAMPLE-LOCATION-15

Quant Time: Mar 09 04:18:50 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)

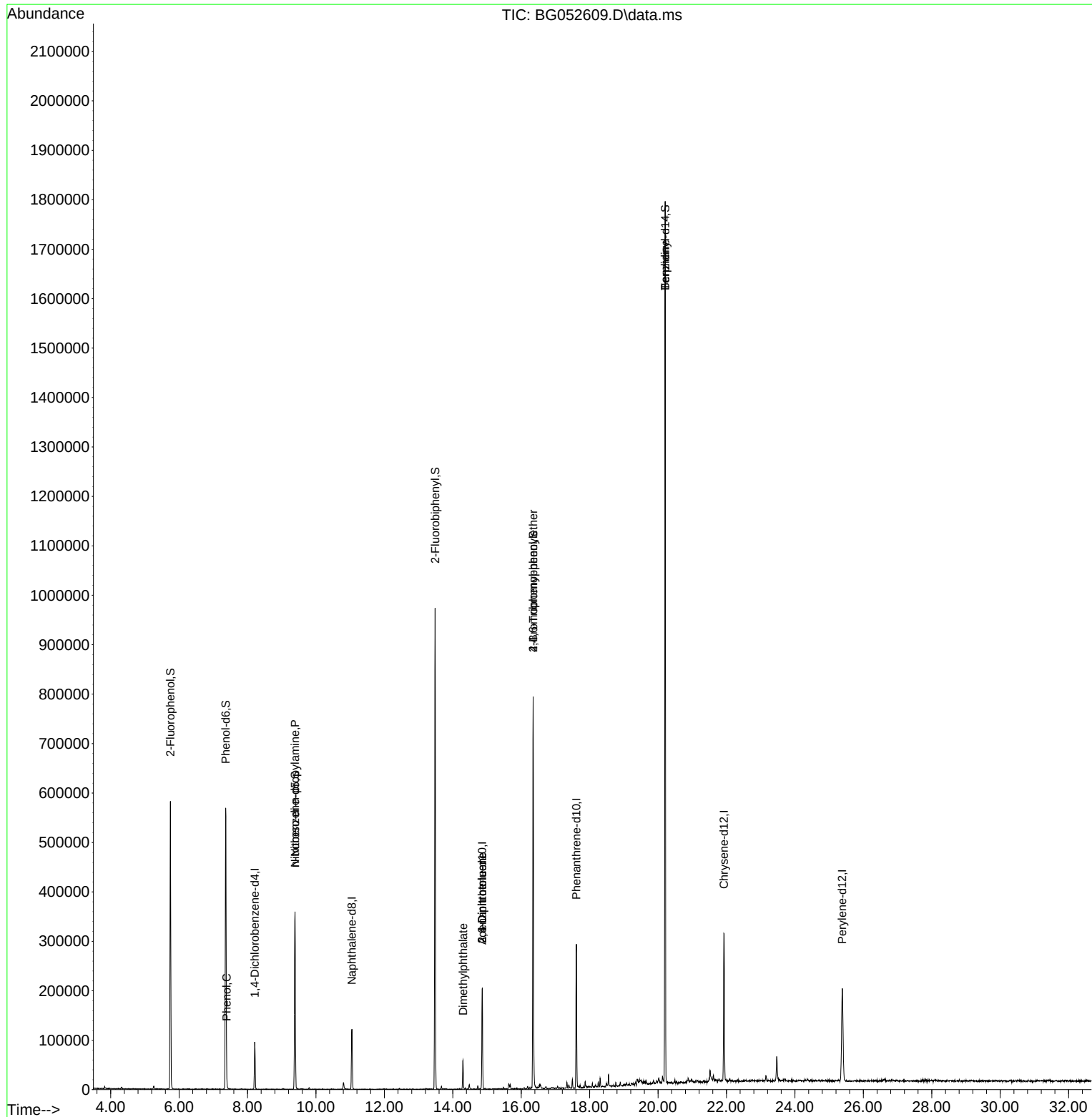
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.213	152	27393	20.000	ng	0.00
21) Naphthalene-d8	11.050	136	109962	20.000	ng	# 0.00
39) Acenaphthene-d10	14.857	164	76707	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	187384	20.000	ng	0.00
76) Chrysene-d12	21.924	240	210705	20.000	ng	0.00
86) Perylene-d12	25.384	264	219885	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	250440	155.760	ng	0.00
7) Phenol-d6	7.361	99	341696	151.242	ng	0.00
23) Nitrobenzene-d5	9.388	82	234694	97.301	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	168421	152.774	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	520373	93.544	ng	0.00
79) Terphenyl-d14	20.208	244	901917	76.653	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.390	94	6427	2.855	ng	90
19) n-Nitroso-di-n-propyla...	9.388	70	32913	21.397	ng	# 70
50) Dimethylphthalate	14.299	163	38794	6.567	ng	99
51) 2,6-Dinitrotoluene	14.863	165	10253	7.996	ng	# 17
57) 2,4-Dinitrotoluene	14.863	165	10253	5.653	ng	# 16
67) 4-Bromophenyl-phenylether	16.349	248	10305	4.550	ng	# 1
77) Benzidine	20.208	184	12170	2.701	ng	# 88

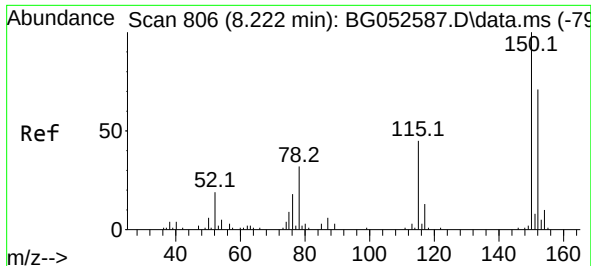
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 08 01:09:10 2022
Response via : Initial Calibration

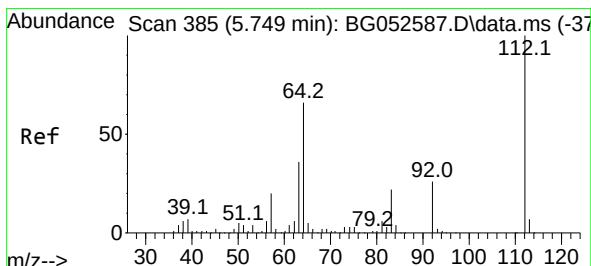
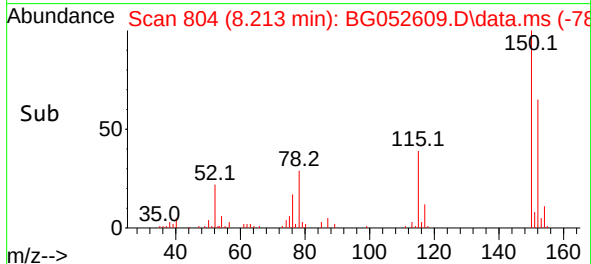
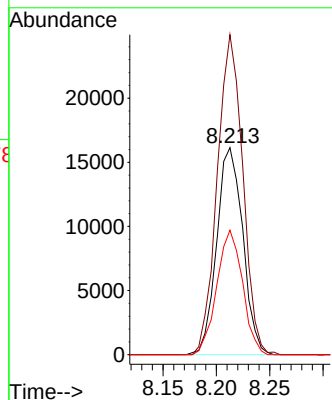
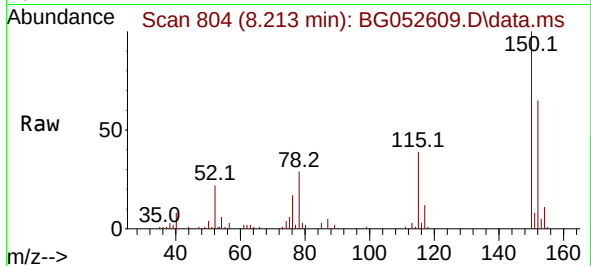




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.213 min Scan# 806
Delta R.T. -0.009 min
Lab File: BG052609.D
Acq: 8 Mar 2022 18:00

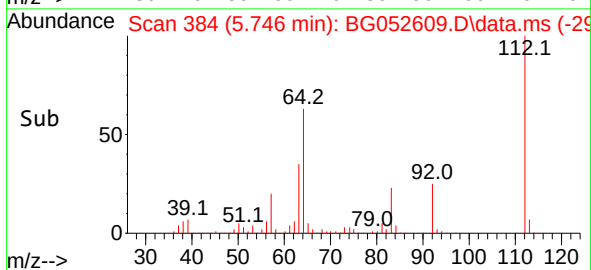
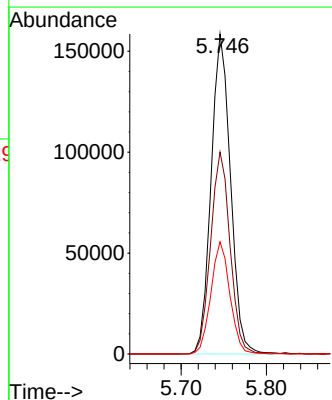
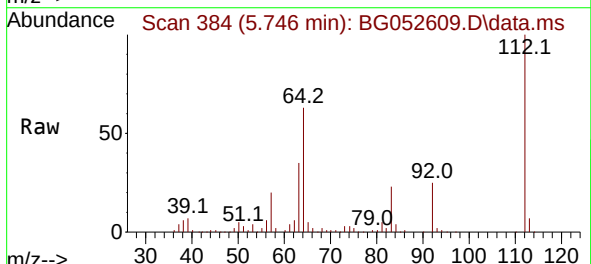
Instrument :
BNA_G
ClientSampleId :
29-30-SAMPLE-LOCATION-15

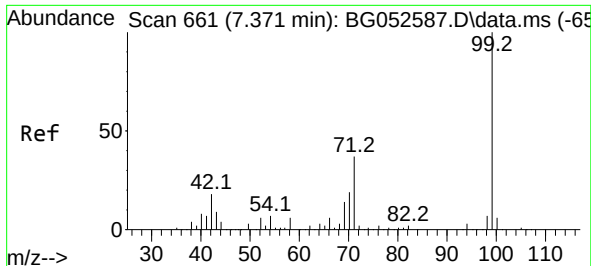
Tgt Ion:152 Resp: 27393
Ion Ratio Lower Upper
152 100
150 154.6 117.8 176.8
115 60.2 50.2 75.2



#5
2-Fluorophenol
Concen: 155.760 ng
RT: 5.746 min Scan# 384
Delta R.T. -0.004 min
Lab File: BG052609.D
Acq: 8 Mar 2022 18:00

Tgt Ion:112 Resp: 250440
Ion Ratio Lower Upper
112 100
64 63.1 60.4 90.6
63 35.0 33.3 49.9

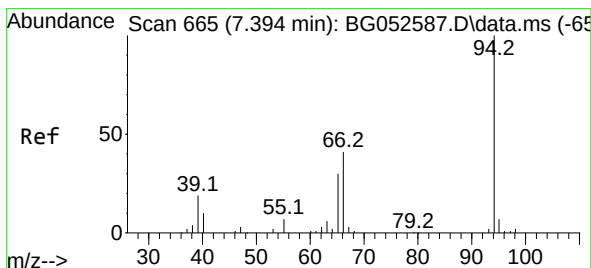
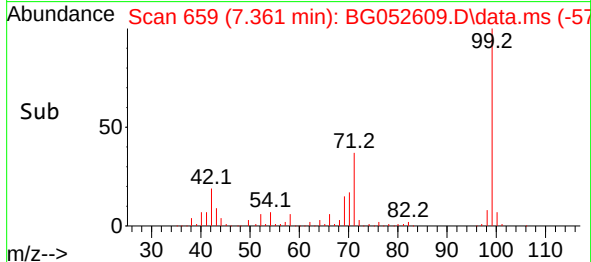
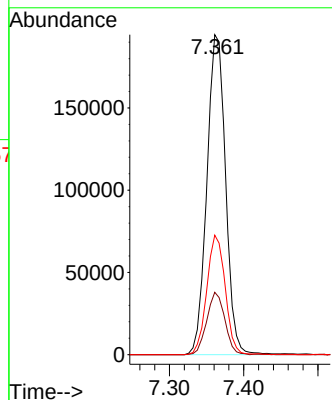
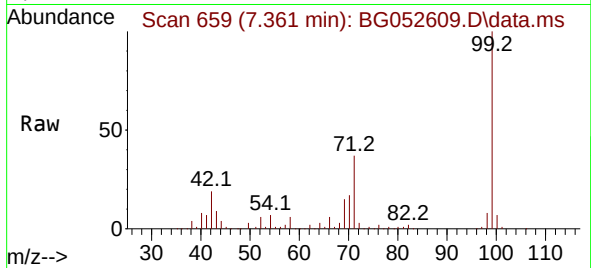




#7
Phenol-d6
Concen: 151.242 ng
RT: 7.361 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG052609.D
Acq: 8 Mar 2022 18:00

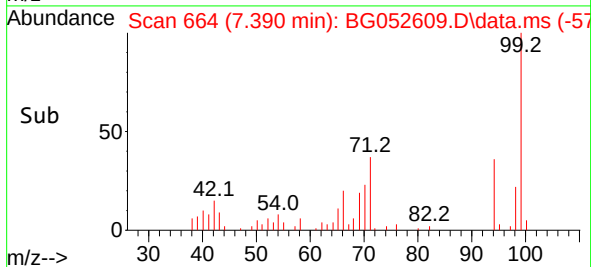
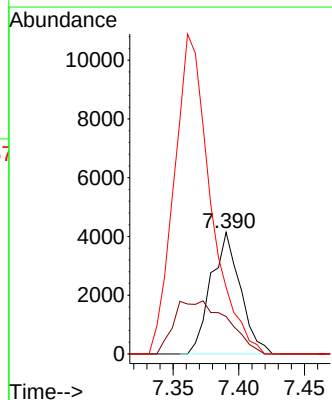
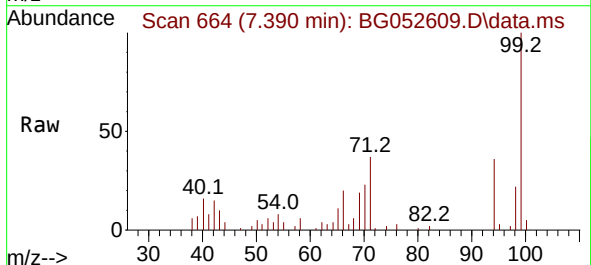
Instrument :
BNA_G
ClientSampleId :
29-30-SAMPLE-LOCATION-15

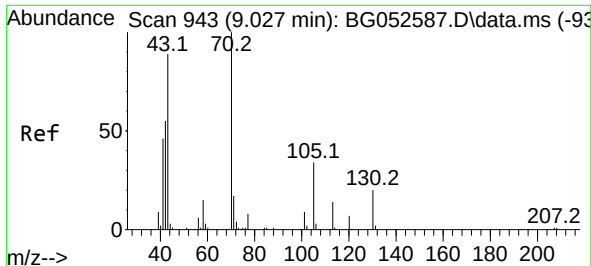
Tgt Ion: 99 Resp: 341696
Ion Ratio Lower Upper
99 100
42 19.5 19.1 28.7
71 37.3 33.4 50.2



#10
Phenol
Concen: 2.855 ng
RT: 7.390 min Scan# 664
Delta R.T. -0.004 min
Lab File: BG052609.D
Acq: 8 Mar 2022 18:00

Tgt Ion: 94 Resp: 6427
Ion Ratio Lower Upper
94 100
65 30.8 14.1 54.1
66 54.8 26.6 66.6

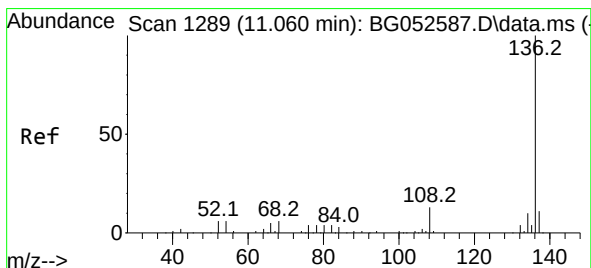
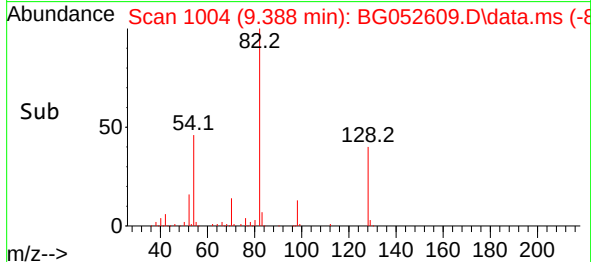
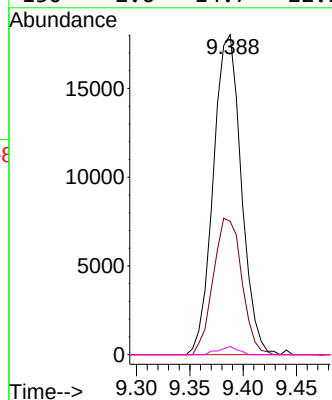
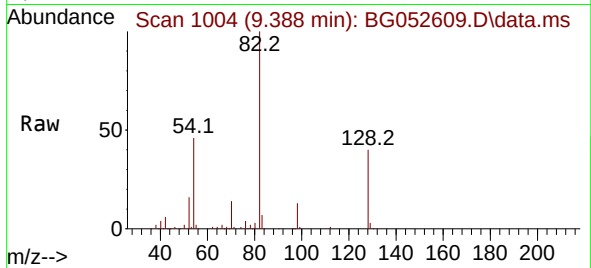




#19
n-Nitroso-di-n-propylamine
Concen: 21.397 ng
RT: 9.388 min Scan# 1004
Delta R.T. 0.360 min
Lab File: BG052609.D
Acq: 8 Mar 2022 18:00

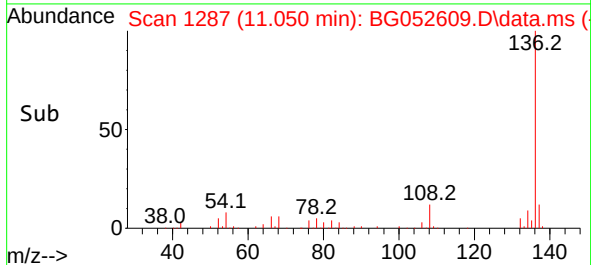
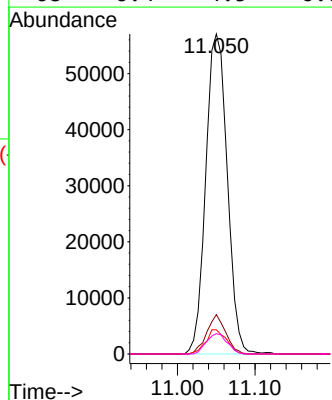
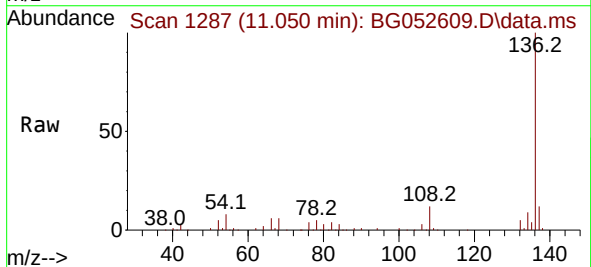
Instrument :
BNA_G
ClientSampleId :
29-30-SAMPLE-LOCATION-15

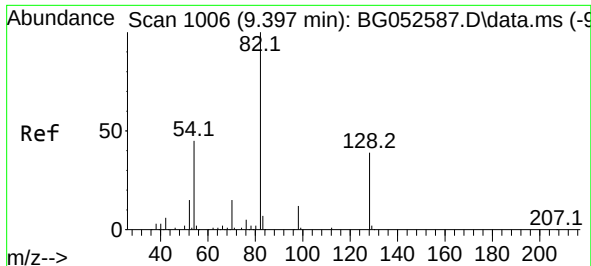
Tgt Ion: 70 Resp: 32913
Ion Ratio Lower Upper
70 100
42 41.7 51.8 77.6#
101 0.0 6.6 10.0#
130 2.6 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.050 min Scan# 1287
Delta R.T. -0.010 min
Lab File: BG052609.D
Acq: 8 Mar 2022 18:00

Tgt Ion:136 Resp: 109962
Ion Ratio Lower Upper
136 100
137 12.3 9.1 13.7
54 7.5 8.3 12.5#
68 6.4 4.5 6.7

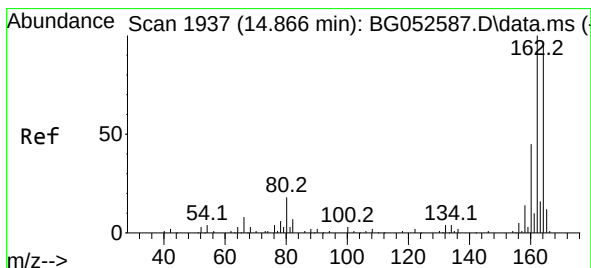
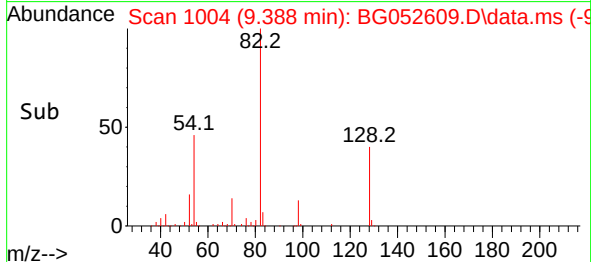
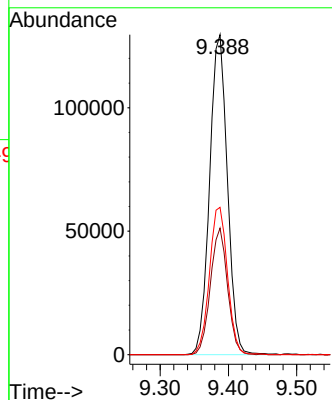
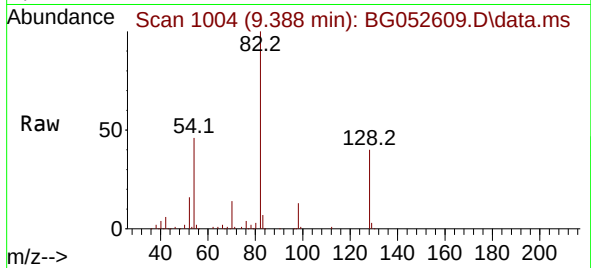




#23
Nitrobenzene-d5
Concen: 97.301 ng
RT: 9.388 min Scan# 1004
Delta R.T. -0.010 min
Lab File: BG052609.D
Acq: 8 Mar 2022 18:00

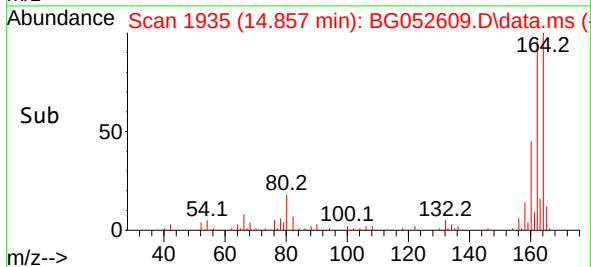
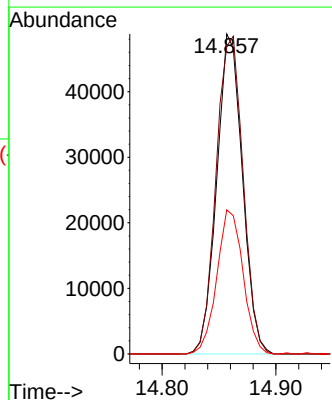
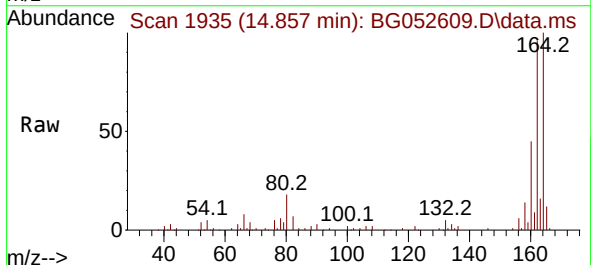
Instrument :
BNA_G
ClientSampleId :
29-30-SAMPLE-LOCATION-15

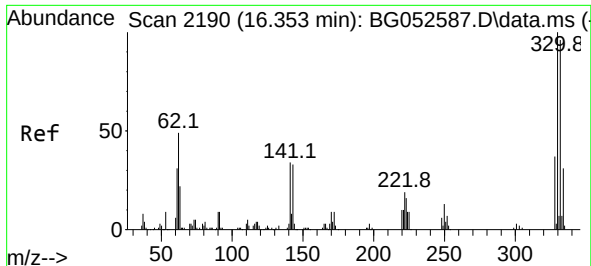
Tgt Ion: 82 Resp: 234694
Ion Ratio Lower Upper
82 100
128 39.6 27.0 40.4
54 46.0 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.857 min Scan# 1935
Delta R.T. -0.009 min
Lab File: BG052609.D
Acq: 8 Mar 2022 18:00

Tgt Ion:164 Resp: 76707
Ion Ratio Lower Upper
164 100
162 96.1 82.2 123.2
160 45.0 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 152.774 ng

RT: 16.349 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG052609.D

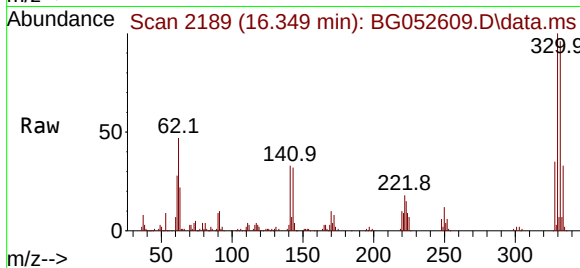
Acq: 8 Mar 2022 18:00

Instrument :

BNA_G

ClientSampleId :

29-30-SAMPLE-LOCATION-15



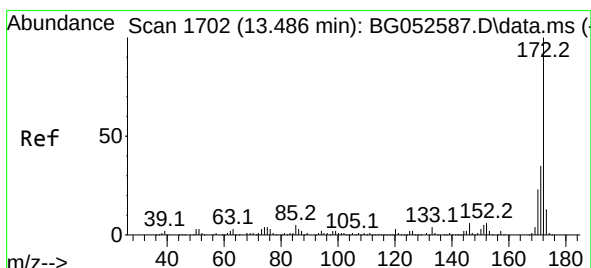
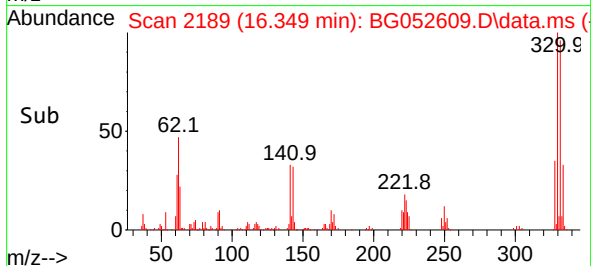
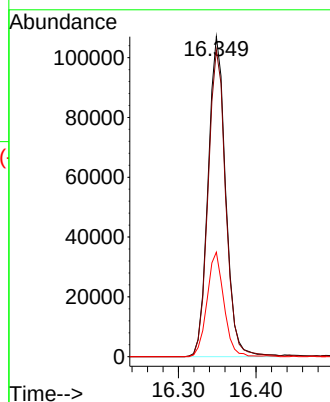
Tgt Ion:330 Resp: 168421

Ion Ratio Lower Upper

330 100

332 96.2 78.6 117.8

141 31.3 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 93.544 ng

RT: 13.482 min Scan# 1701

Delta R.T. -0.004 min

Lab File: BG052609.D

Acq: 8 Mar 2022 18:00

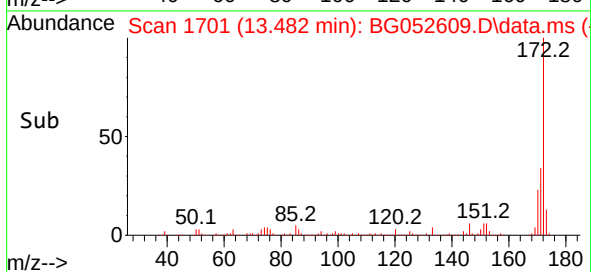
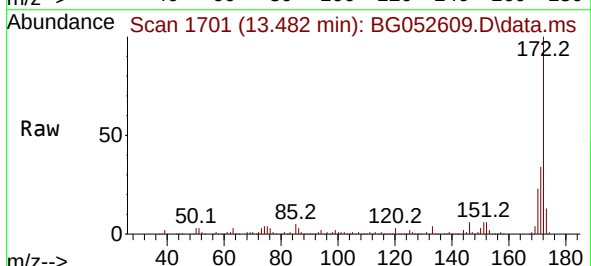
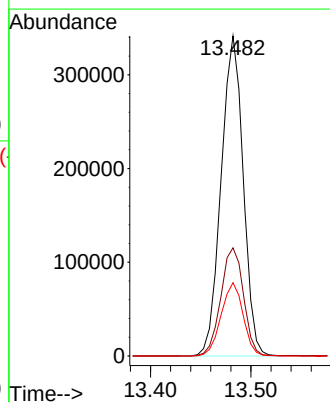
Tgt Ion:172 Resp: 520373

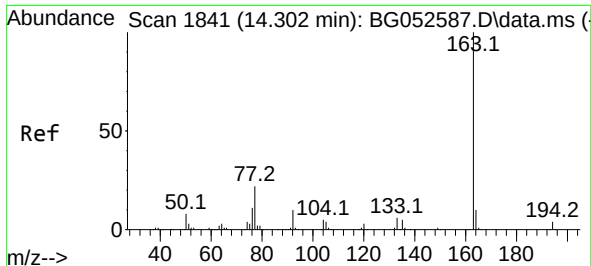
Ion Ratio Lower Upper

172 100

171 33.8 28.3 42.5

170 22.9 18.3 27.5

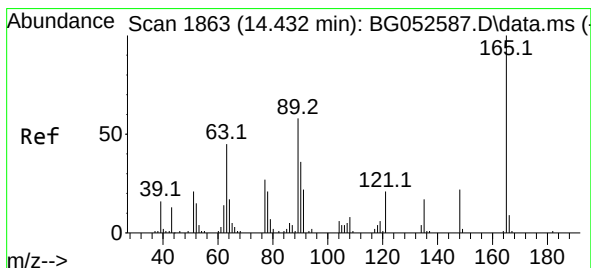
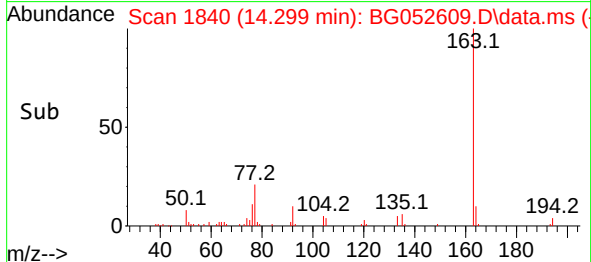
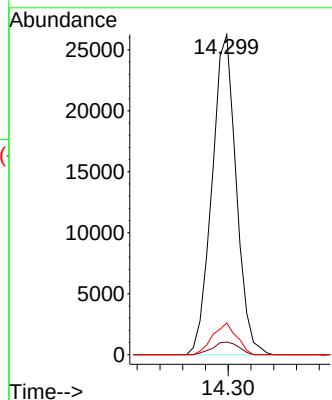
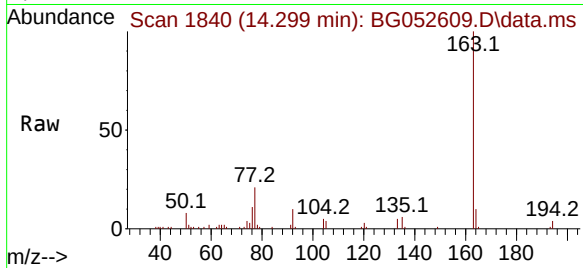




#50
Dimethylphthalate
Concen: 6.567 ng
RT: 14.299 min Scan# 1935
Delta R.T. -0.004 min
Lab File: BG052609.D
Acq: 8 Mar 2022 18:00

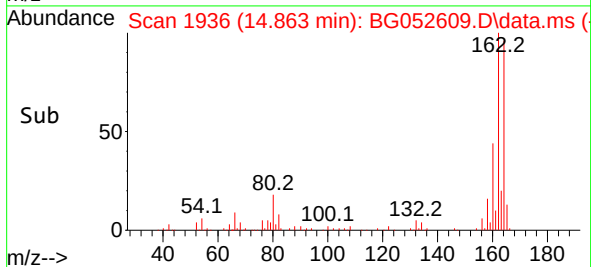
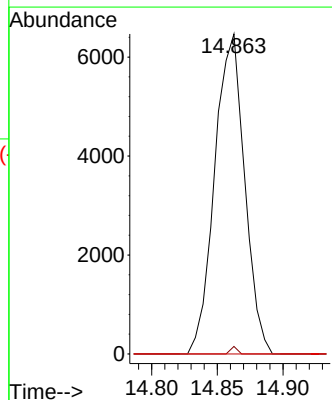
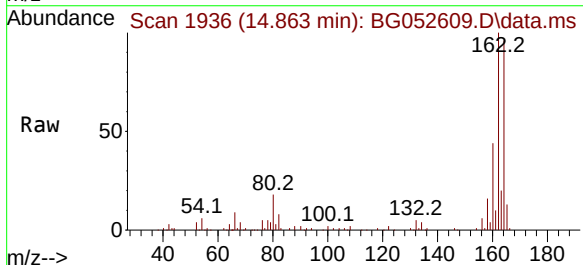
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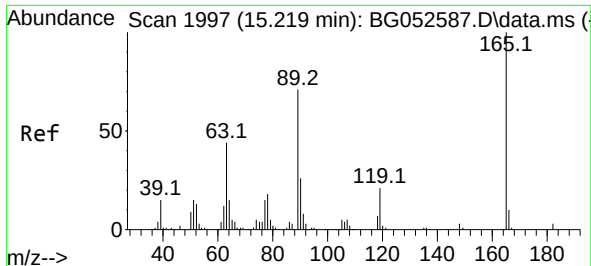
Tgt Ion:163 Resp: 38794
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.9 8.4 12.6



#51
2,6-Dinitrotoluene
Concen: 7.996 ng
RT: 14.863 min Scan# 1936
Delta R.T. 0.431 min
Lab File: BG052609.D
Acq: 8 Mar 2022 18:00

Tgt Ion:165 Resp: 10253
Ion Ratio Lower Upper
165 100
63 2.4 59.0 88.4#
89 0.0 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.653 ng

RT: 14.863 min Scan# 1997

Delta R.T. -0.356 min

Lab File: BG052609.D

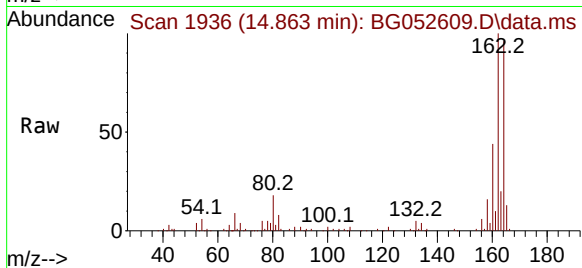
Acq: 8 Mar 2022 18:00

Instrument :

BNA_G

ClientSampleId :

29-30-SAMPLE-LOCATION-15



Tgt Ion:165 Resp: 10253

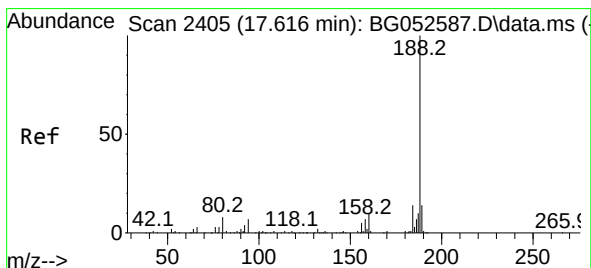
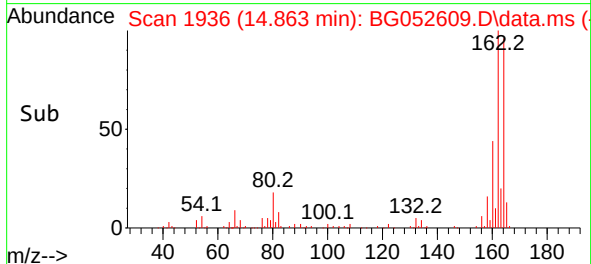
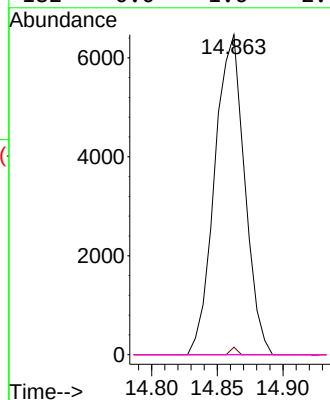
Ion Ratio Lower Upper

165 100

63 2.4 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: 17.612 min Scan# 2404

Delta R.T. -0.004 min

Lab File: BG052609.D

Acq: 8 Mar 2022 18:00

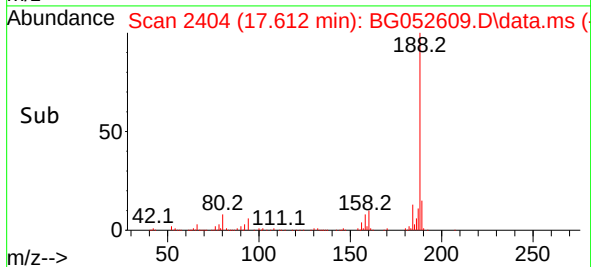
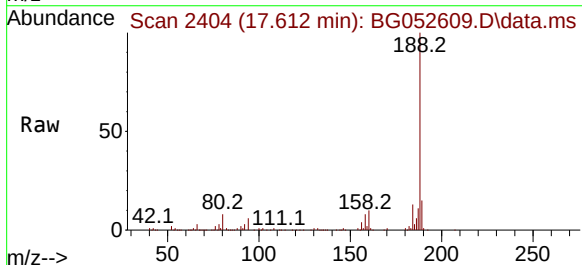
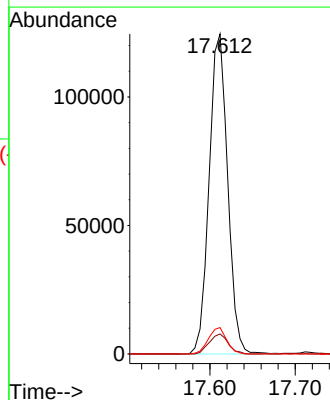
Tgt Ion:188 Resp: 187384

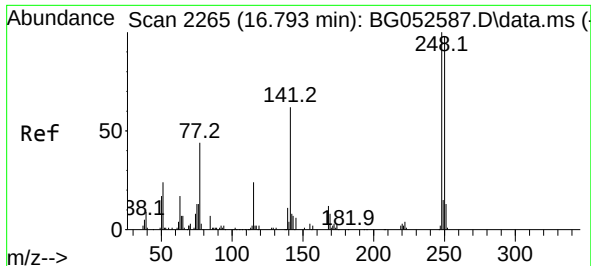
Ion Ratio Lower Upper

188 100

94 6.2 5.9 8.9

80 8.3 6.6 10.0

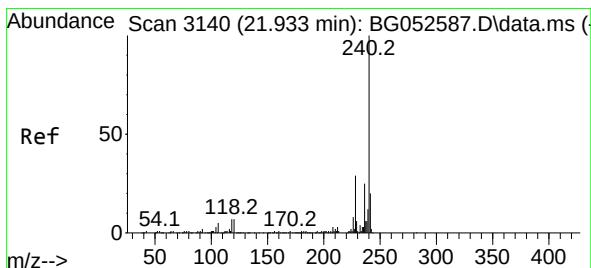
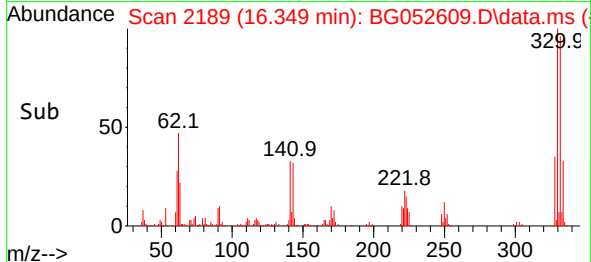
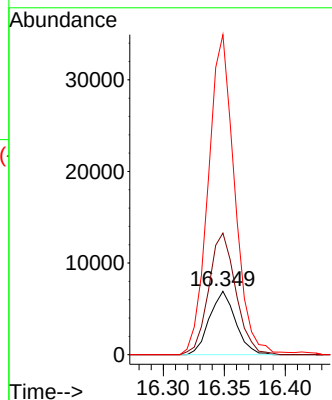
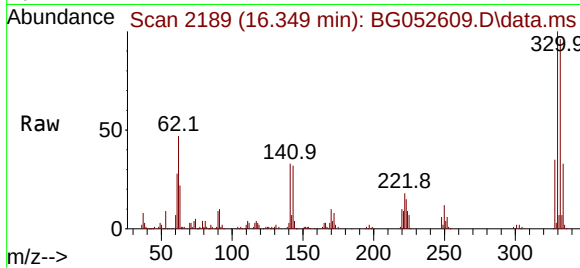




#67
4-Bromophenyl-phenylether
Concen: 4.550 ng
RT: 16.349 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG052609.D
Acq: 8 Mar 2022 18:00

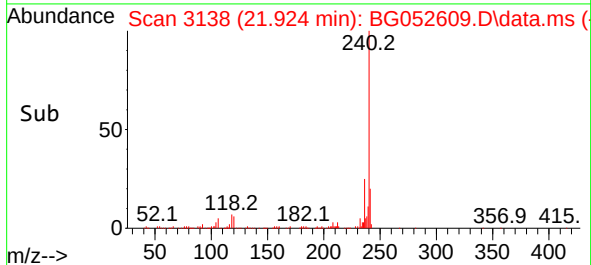
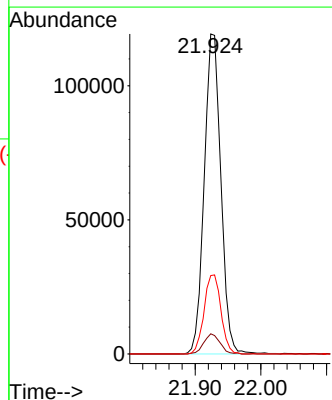
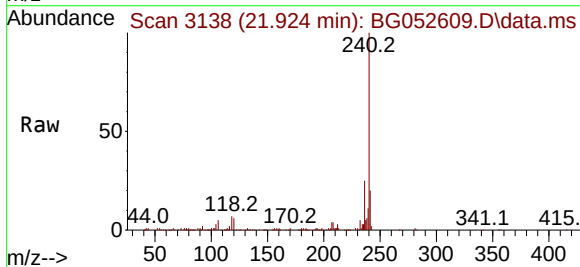
Instrument :
BNA_G
ClientSampleId :
29-30-SAMPLE-LOCATION-15

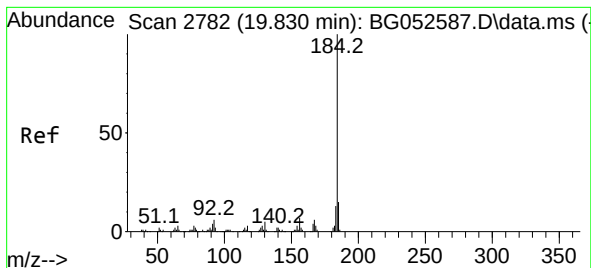
Tgt Ion:248 Resp: 10305
Ion Ratio Lower Upper
248 100
250 191.7 79.6 119.4#
141 504.6 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3138
Delta R.T. -0.010 min
Lab File: BG052609.D
Acq: 8 Mar 2022 18:00

Tgt Ion:240 Resp: 210705
Ion Ratio Lower Upper
240 100
120 6.3 4.4 6.6
236 24.5 20.8 31.2





#77

Benzidine

Concen: 2.701 ng

RT: 20.208 min Scan# 2846

Delta R.T. 0.378 min

Lab File: BG052609.D

Acq: 8 Mar 2022 18:00

Instrument :

BNA_G

ClientSampleId :

29-30-SAMPLE-LOCATION-15

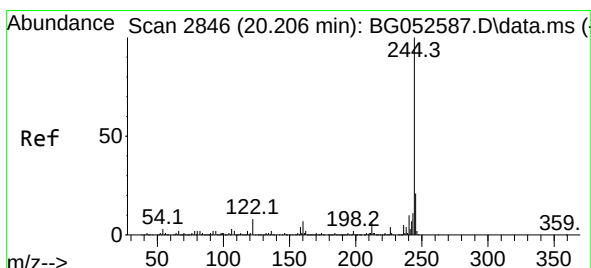
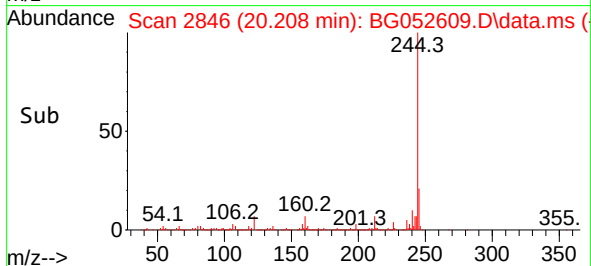
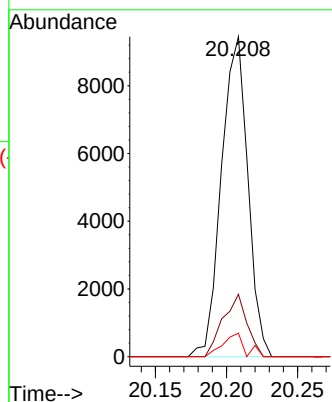
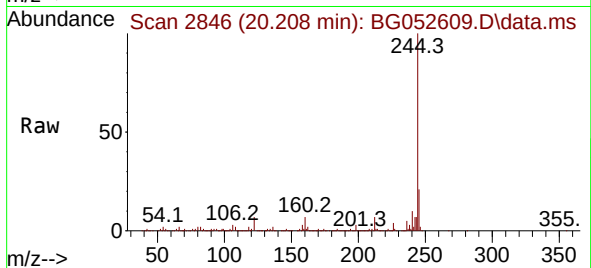
Tgt Ion:184 Resp: 12170

Ion Ratio Lower Upper

184 100

185 19.5 11.8 17.8#

183 7.4 9.8 14.6#



#79

Terphenyl-d14

Concen: 76.653 ng

RT: 20.208 min Scan# 2846

Delta R.T. 0.002 min

Lab File: BG052609.D

Acq: 8 Mar 2022 18:00

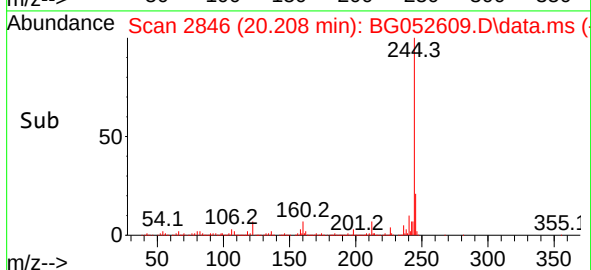
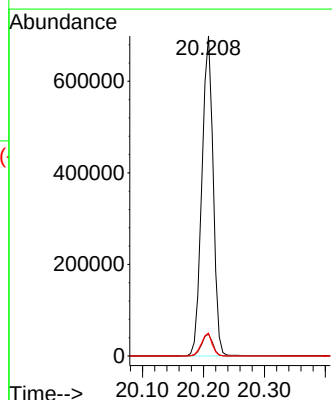
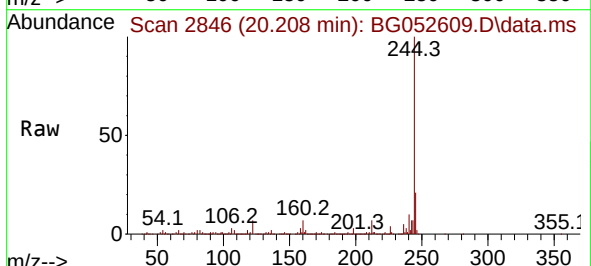
Tgt Ion:244 Resp: 901917

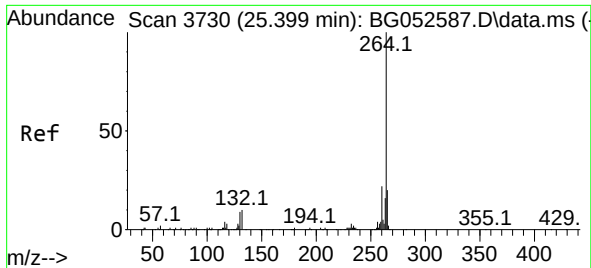
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 7.2 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.384 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BG052609.D
 Acq: 8 Mar 2022 18:00

Instrument :
 BNA_G
 ClientSampleId :
 29-30-SAMPLE-LOCATION-15

Tgt Ion:264 Resp: 219885
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.5 27.7
 265 20.6 17.8 26.6

