

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055609.D
 Acq On : 14 Nov 2022 18:04
 Operator : CG/JU
 Sample : N5561-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-25

Quant Time: Nov 15 01:03:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

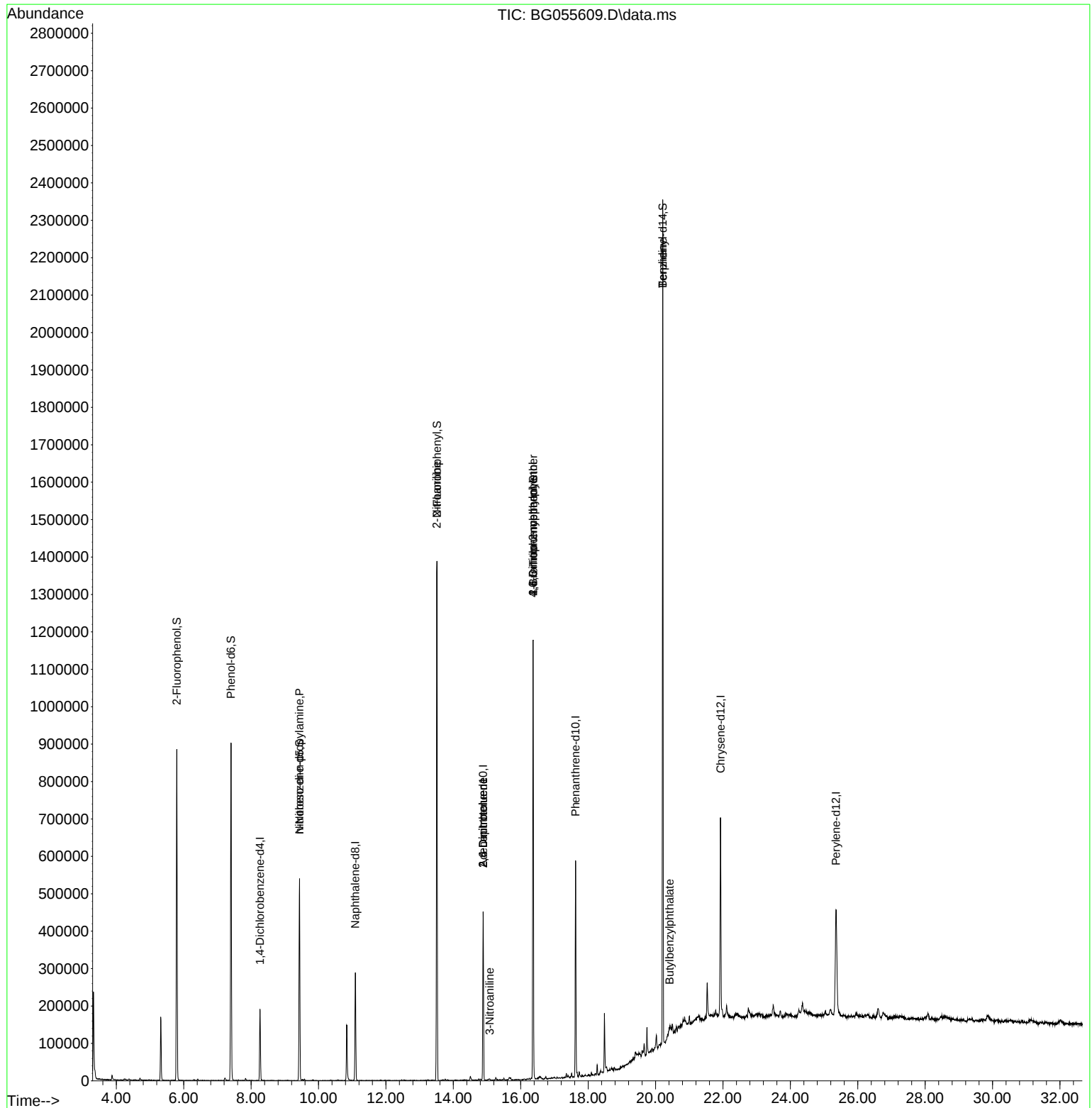
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.262	152	55782	20.000	ng	0.00
21) Naphthalene-d8	11.094	136	236124	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	164961	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	367661	20.000	ng	0.00
76) Chrysene-d12	21.928	240	337467	20.000	ng	0.00
86) Perylene-d12	25.354	264	361969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	378024	129.080	ng	0.00
7) Phenol-d6	7.404	99	490005	121.127	ng	0.00
23) Nitrobenzene-d5	9.437	82	308932	88.695	ng	0.00
42) 2,4,6-Tribromophenol	16.370	330	252196	156.689	ng	0.00
45) 2-Fluorobiphenyl	13.515	172	739950	67.661	ng	0.00
79) Terphenyl-d14	20.213	244	1144542	68.122	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.437	70	42661	12.760	ng	# 80
48) 2-Nitroaniline	13.509	65	1251	4.267	ng	# 17
51) 2,6-Dinitrotoluene	14.883	165	21778	12.387	ng	# 22
53) 3-Nitroaniline	15.083	138	78	3.806	ng	# 1
57) 2,4-Dinitrotoluene	14.883	165	21778	10.541	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.364	198	651	2.627	ng	# 1
67) 4-Bromophenyl-phenylether	16.370	248	16405	4.374	ng	# 1
77) Benzidine	20.213	184	19113	2.093	ng	# 87
80) Butylbenzylphthalate	20.418	149	1138	3.486	ng	88

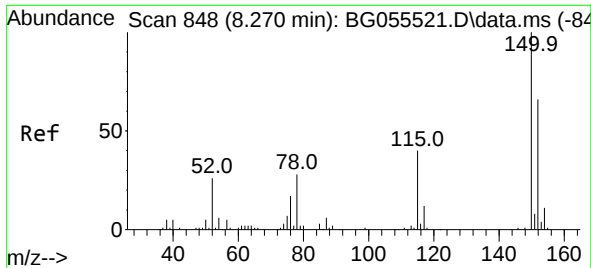
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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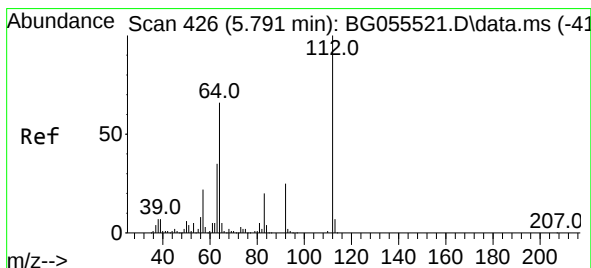
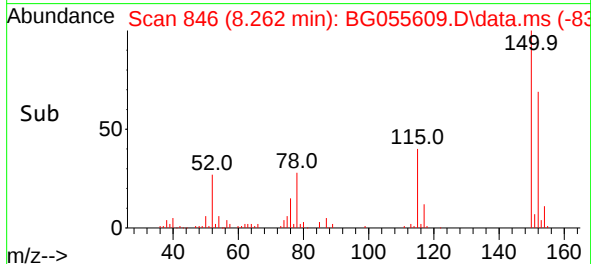
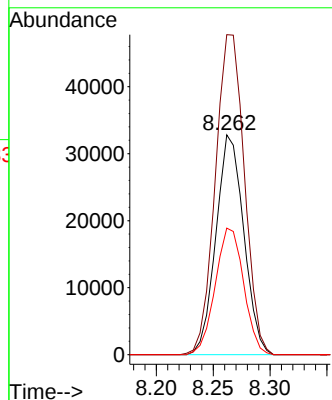
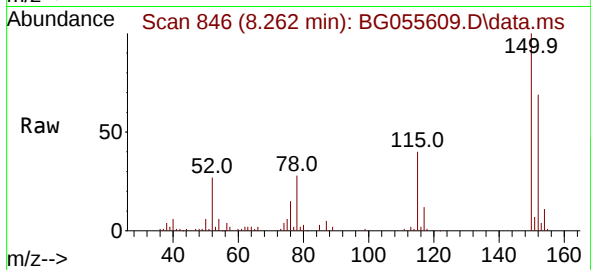




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.262 min Scan# 848
Delta R.T. -0.008 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

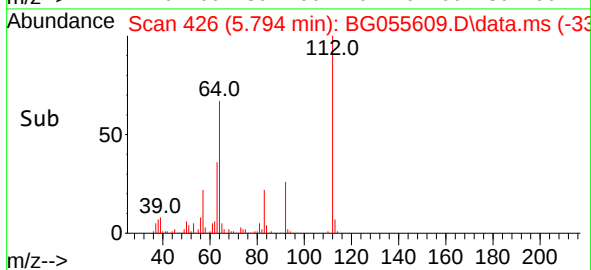
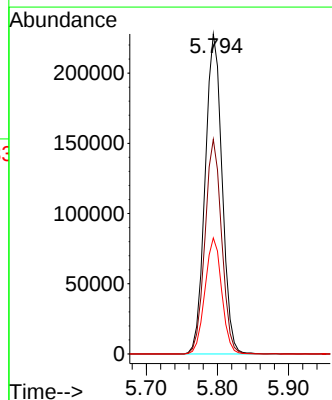
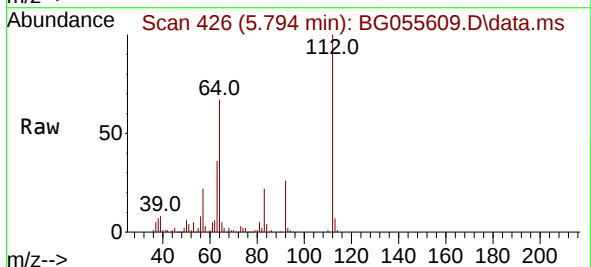
Instrument :
BNA_G
ClientSampleId :
SB-25

Tgt Ion:152 Resp: 55782
Ion Ratio Lower Upper
152 100
150 145.6 121.0 181.4
115 57.6 47.8 71.8



#5
2-Fluorophenol
Concen: 129.080 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

Tgt Ion:112 Resp: 378024
Ion Ratio Lower Upper
112 100
64 67.1 52.6 78.8
63 36.2 28.3 42.5





#7
Phenol-d6
Concen: 121.127 ng
RT: 7.404 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

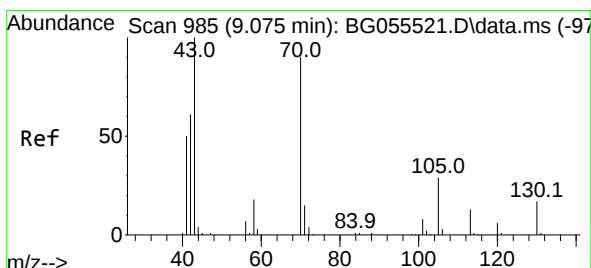
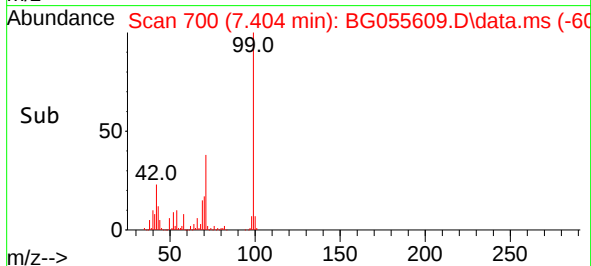
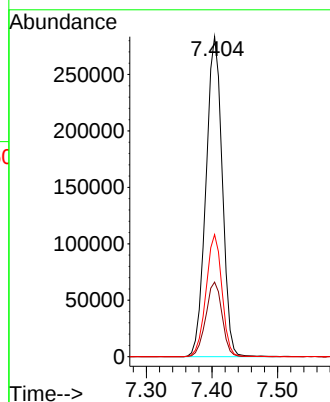
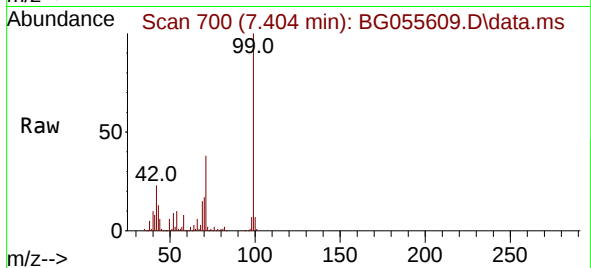
Instrument :

BNA_G

ClientSampleId :

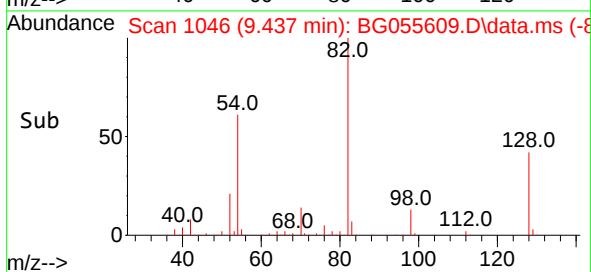
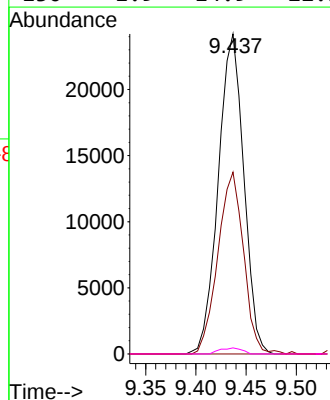
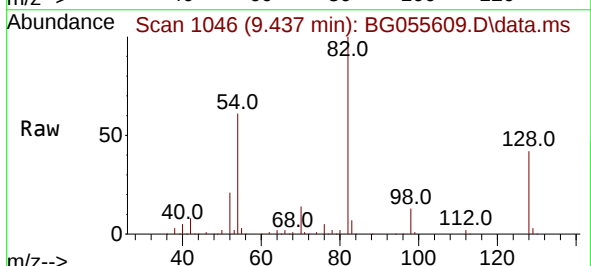
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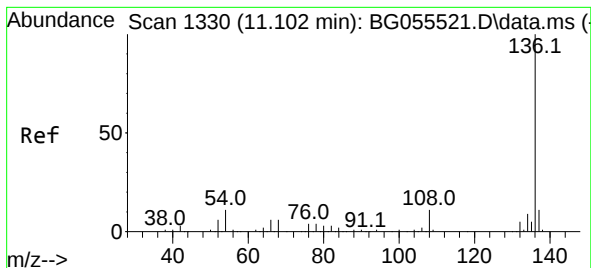
Tgt Ion: 99 Resp: 490005
Ion Ratio Lower Upper
99 100
42 23.3 17.5 26.3
71 38.1 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.760 ng
RT: 9.437 min Scan# 1046
Delta R.T. 0.362 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

Tgt Ion: 70 Resp: 42661
Ion Ratio Lower Upper
70 100
42 56.8 54.8 82.2
101 0.0 6.8 10.2#
130 1.9 14.9 22.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.094 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG055609.D

Acq: 14 Nov 2022 18:04

Instrument :

BNA_G

ClientSampleId :

SB-25

Tgt Ion:136 Resp: 236124

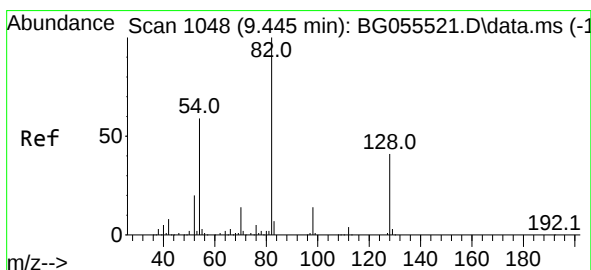
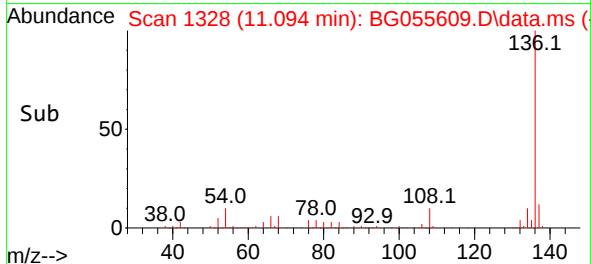
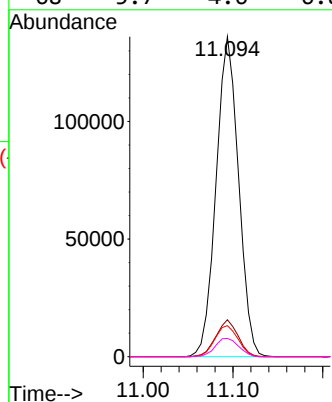
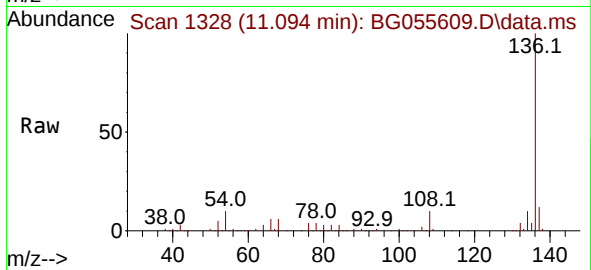
Ion Ratio Lower Upper

136 100

137 11.6 8.6 12.8

54 9.7 8.6 12.8

68 5.7 4.6 6.8



#23

Nitrobenzene-d5

Concen: 88.695 ng

RT: 9.437 min Scan# 1046

Delta R.T. -0.008 min

Lab File: BG055609.D

Acq: 14 Nov 2022 18:04

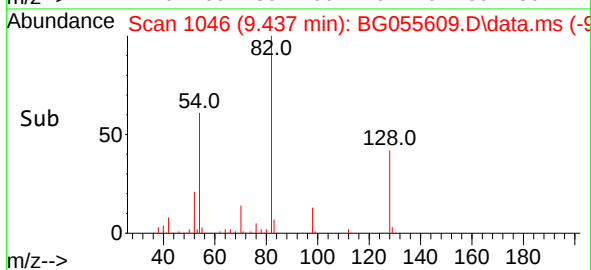
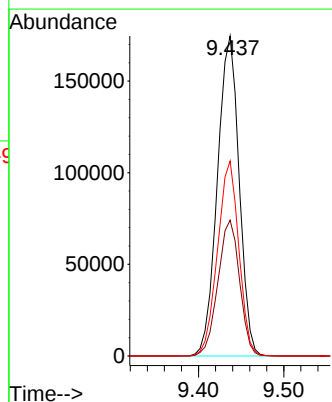
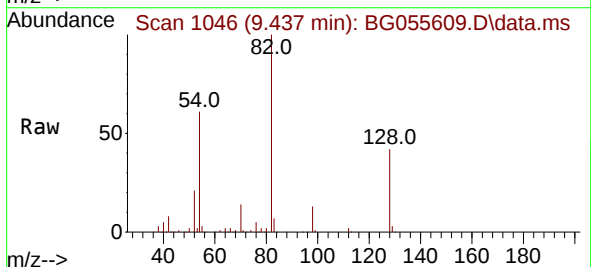
Tgt Ion: 82 Resp: 308932

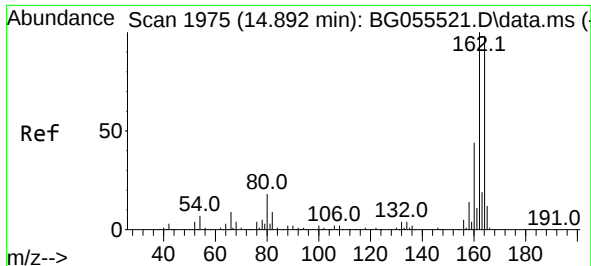
Ion Ratio Lower Upper

82 100

128 42.4 32.6 49.0

54 61.0 47.3 70.9

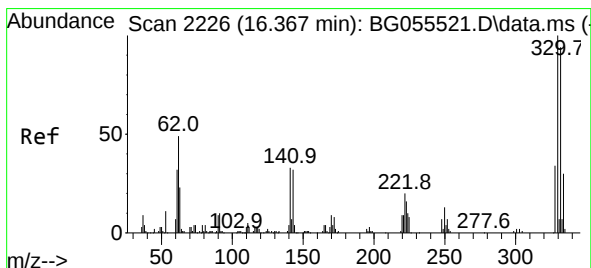
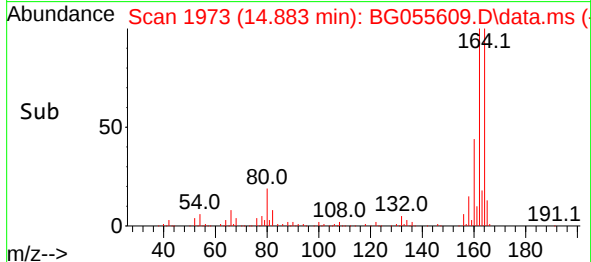
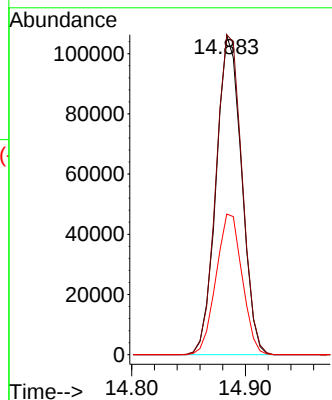
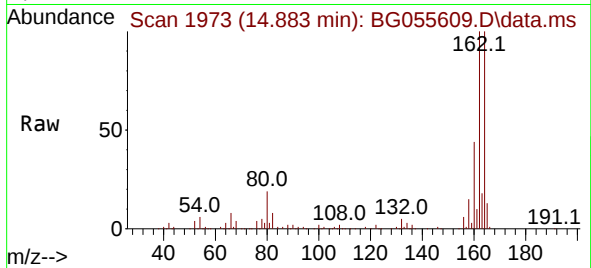




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.883 min Scan# 1975
Delta R.T. -0.009 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

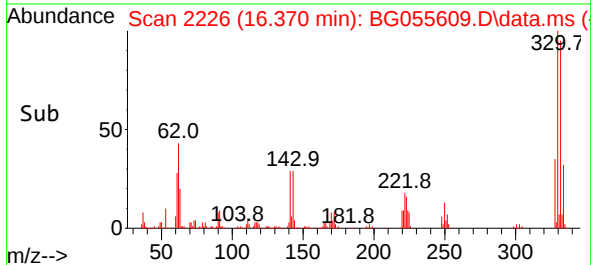
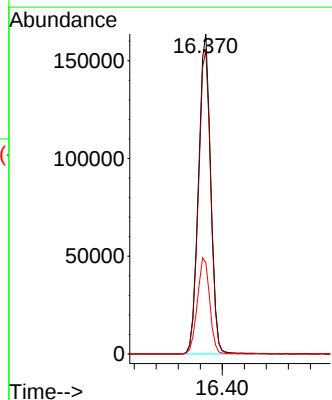
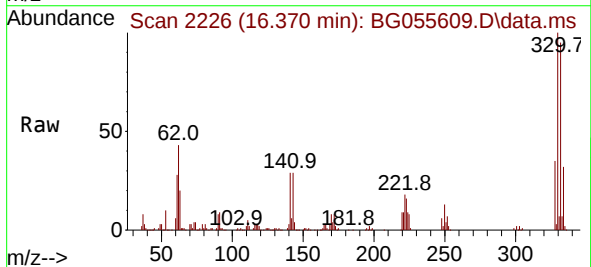
Instrument :
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ClientSampleId :
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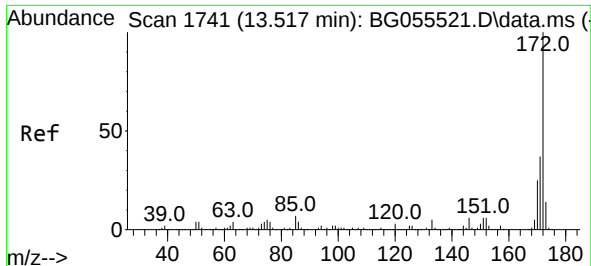
Tgt Ion:164 Resp: 164961
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 44.0 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 156.689 ng
RT: 16.370 min Scan# 2226
Delta R.T. 0.003 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

Tgt Ion:330 Resp: 252196
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 30.3 25.4 38.2

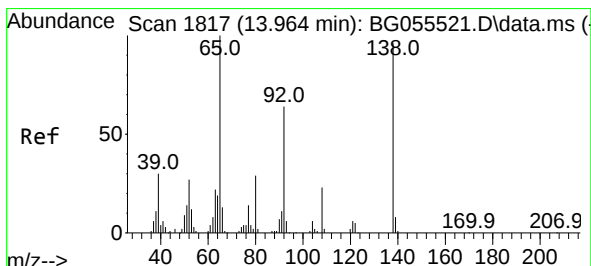
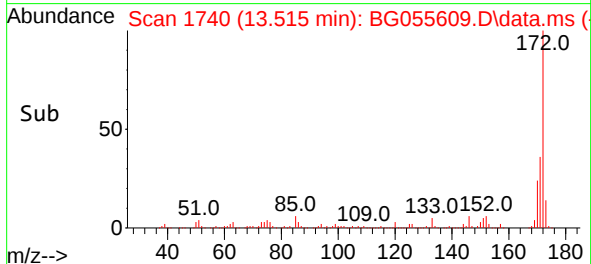
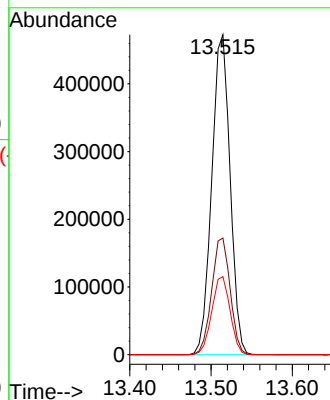
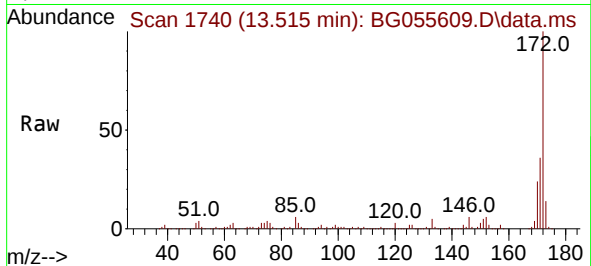




#45
2-Fluorobiphenyl
Concen: 67.661 ng
RT: 13.515 min Scan# 1739
Delta R.T. -0.002 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

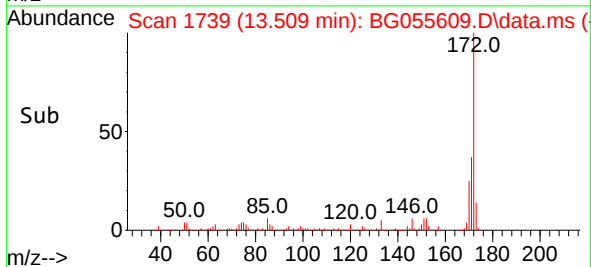
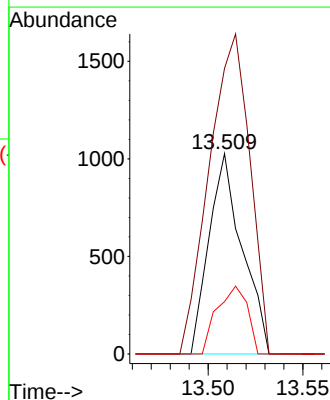
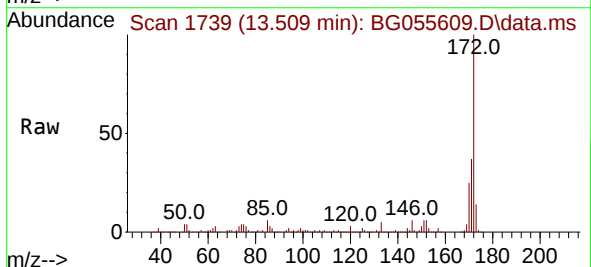
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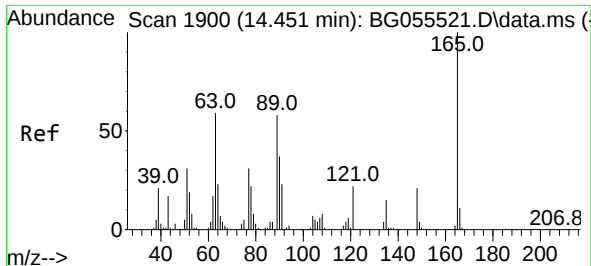
Tgt Ion:172 Resp: 739950
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.4 19.8 29.6



#48
2-Nitroaniline
Concen: 4.267 ng
RT: 13.509 min Scan# 1739
Delta R.T. -0.455 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

Tgt Ion: 65 Resp: 1251
Ion Ratio Lower Upper
65 100
92 142.6 51.6 77.4#
138 26.1 77.0 115.4#





#51

2,6-Dinitrotoluene

Concen: 12.387 ng

RT: 14.883 min Scan# 1900

Delta R.T. 0.432 min

Lab File: BG055609.D

Acq: 14 Nov 2022 18:04

Instrument :

BNA_G

ClientSampleId :

SB-25

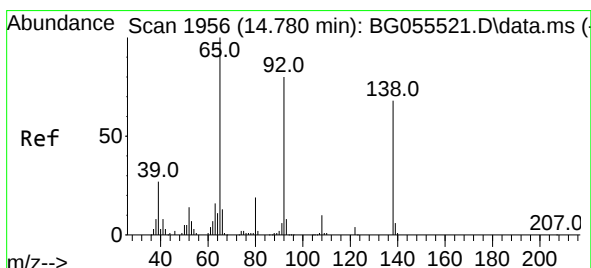
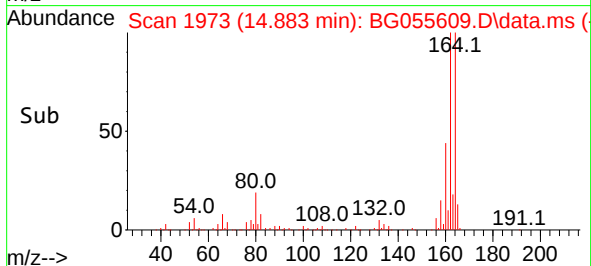
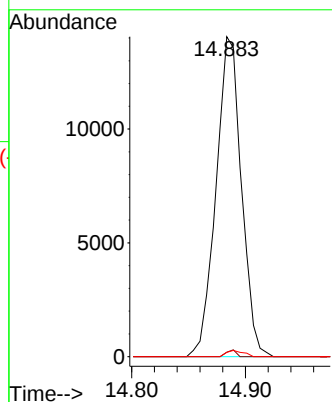
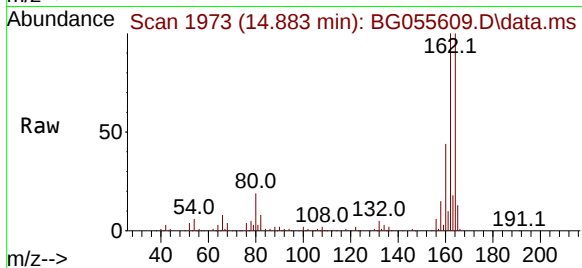
Tgt Ion:165 Resp: 21778

Ion Ratio Lower Upper

165 100

63 1.4 50.1 75.1#

89 1.4 46.5 69.7#



#53

3-Nitroaniline

Concen: 3.806 ng

RT: 15.083 min Scan# 2007

Delta R.T. 0.303 min

Lab File: BG055609.D

Acq: 14 Nov 2022 18:04

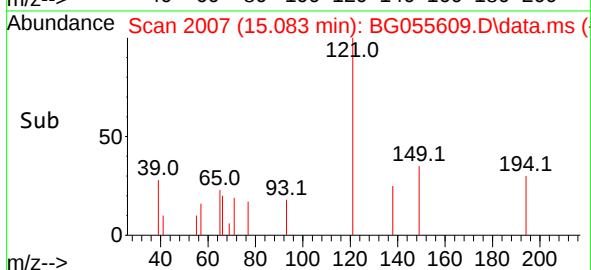
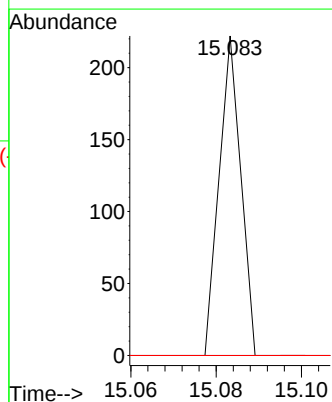
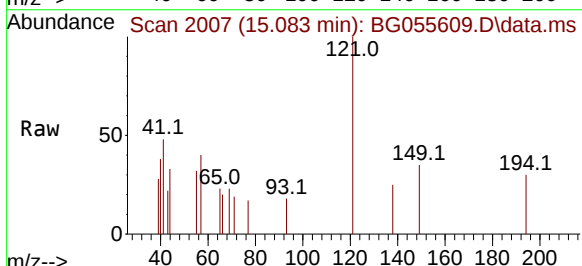
Tgt Ion:138 Resp: 78

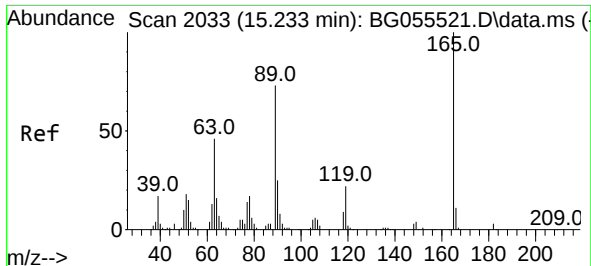
Ion Ratio Lower Upper

138 100

108 0.0 11.7 17.5#

92 0.0 94.3 141.5#





#57

2,4-Dinitrotoluene

Concen: 10.541 ng

RT: 14.883 min Scan# 14

Delta R.T. -0.350 min

Lab File: BG055609.D

Acq: 14 Nov 2022 18:04

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:165 Resp: 21778

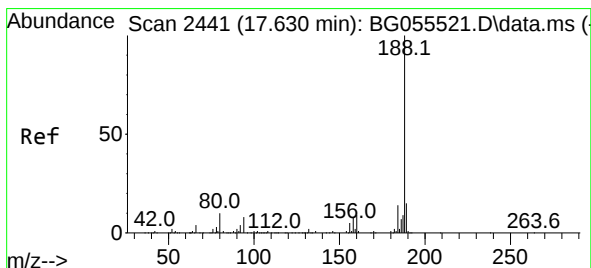
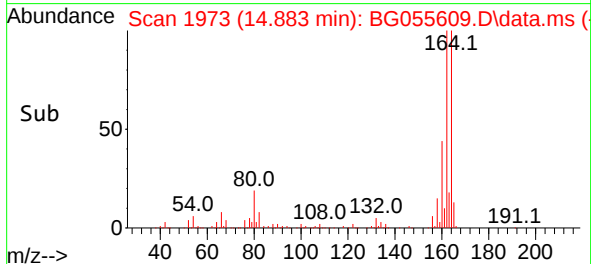
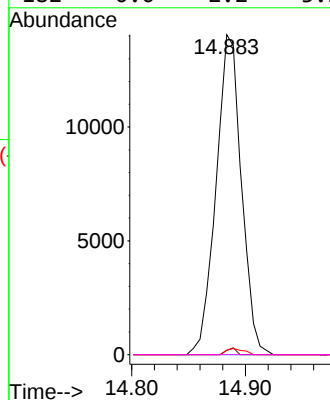
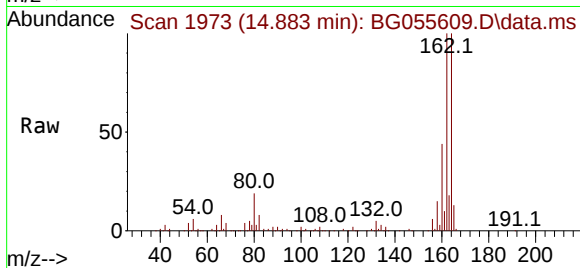
Ion Ratio Lower Upper

165 100

63 1.4 37.0 55.4#

89 1.4 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.627 min Scan# 2440

Delta R.T. -0.003 min

Lab File: BG055609.D

Acq: 14 Nov 2022 18:04

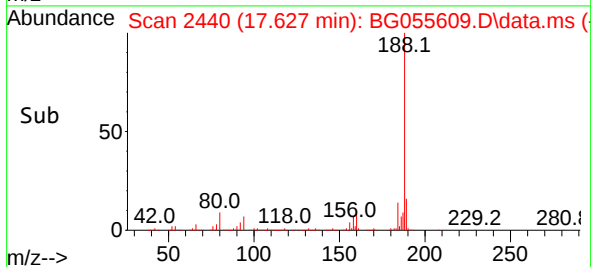
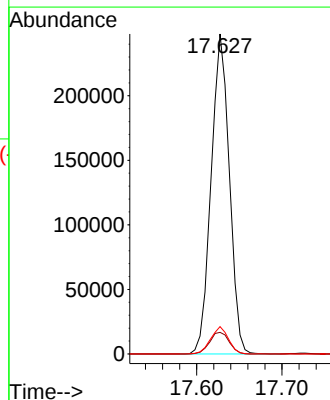
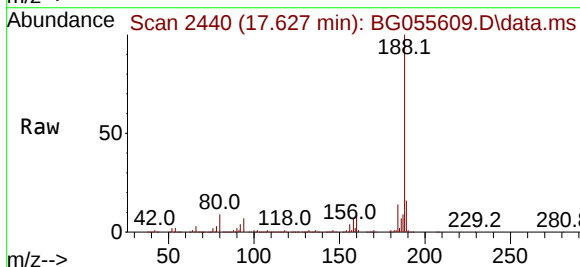
Tgt Ion:188 Resp: 367661

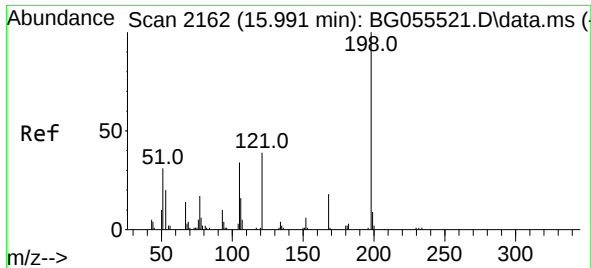
Ion Ratio Lower Upper

188 100

94 6.8 6.4 9.6

80 8.6 7.6 11.4

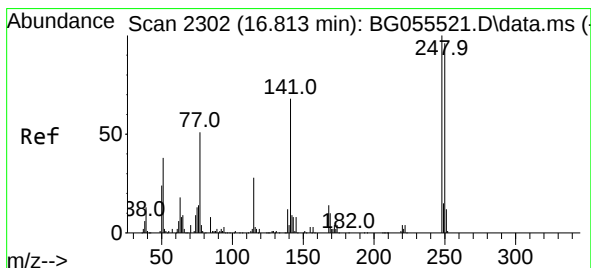
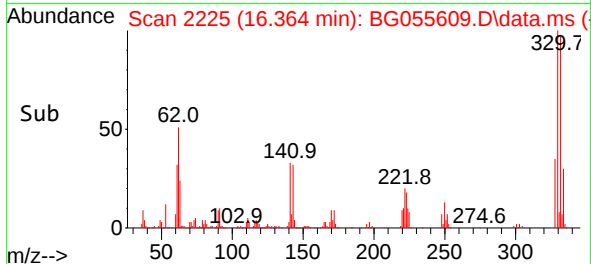
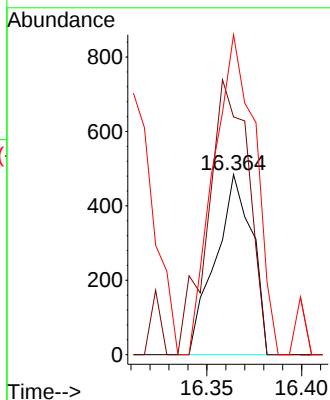
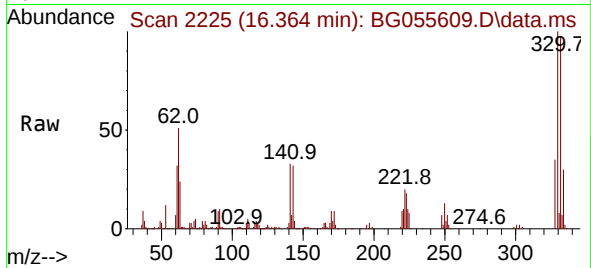




#65
4,6-Dinitro-2-methylphenol
Concen: 2.627 ng
RT: 16.364 min Scan# 2162
Delta R.T. 0.373 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

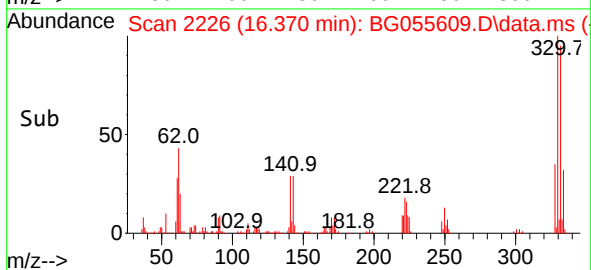
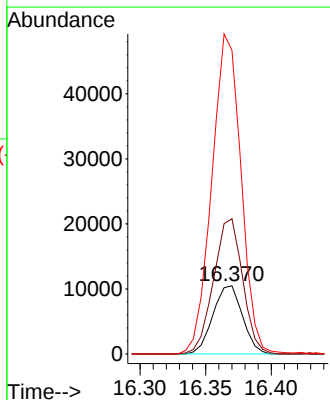
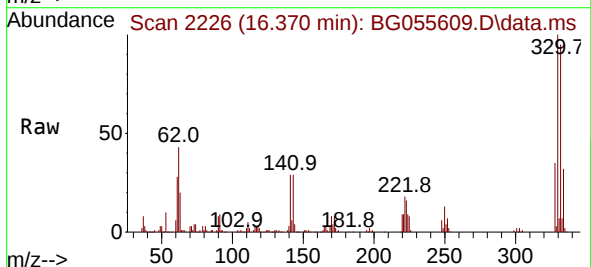
Instrument :
BNA_G
ClientSampleId :
SB-25

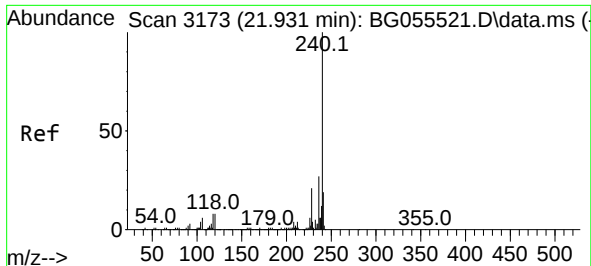
Tgt Ion:198 Resp: 651
Ion Ratio Lower Upper
198 100
51 132.0 24.7 64.7#
105 177.7 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 4.374 ng
RT: 16.370 min Scan# 2226
Delta R.T. -0.443 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

Tgt Ion:248 Resp: 16405
Ion Ratio Lower Upper
248 100
250 198.1 76.9 115.3#
141 445.2 54.3 81.5#

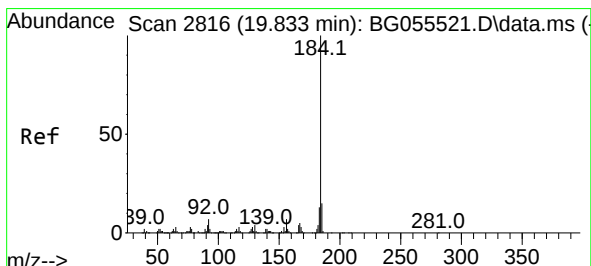
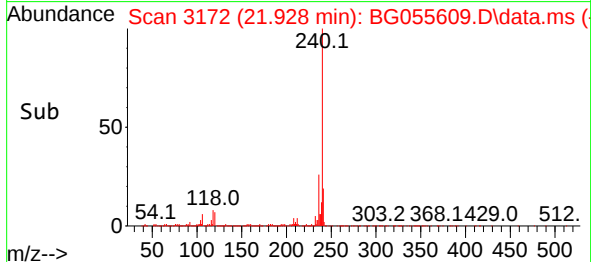
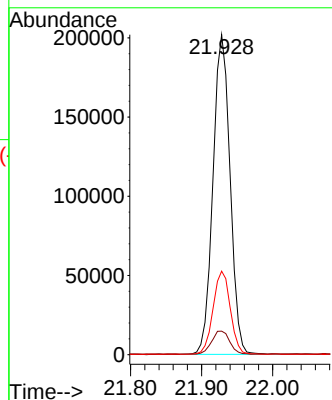
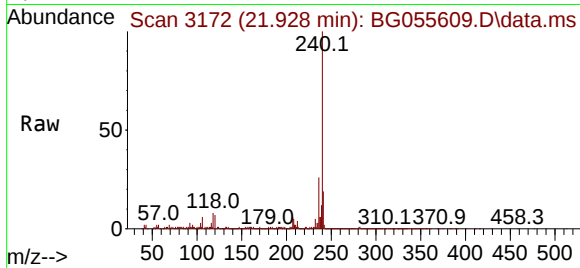




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

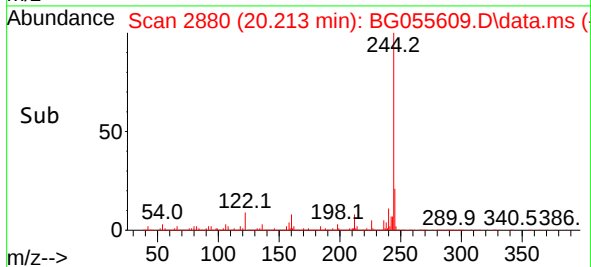
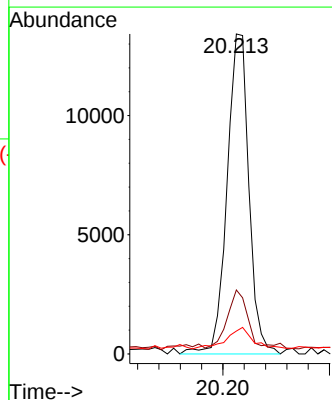
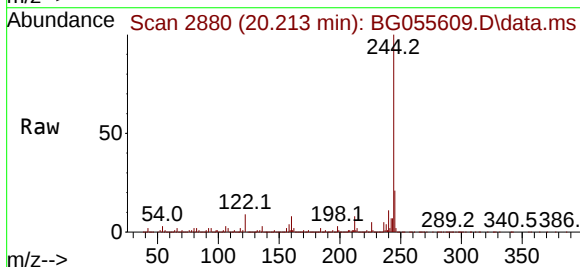
Instrument :
BNA_G
ClientSampleId :
SB-25

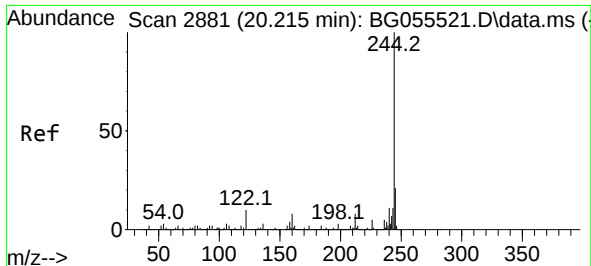
Tgt Ion:240 Resp: 337467
Ion Ratio Lower Upper
240 100
120 7.4 6.1 9.1
236 26.1 21.4 32.0



#77
Benzidine
Concen: 2.093 ng
RT: 20.213 min Scan# 2880
Delta R.T. 0.380 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

Tgt Ion:184 Resp: 19113
Ion Ratio Lower Upper
184 100
185 20.0 12.0 18.0#
183 7.1 10.2 15.2#

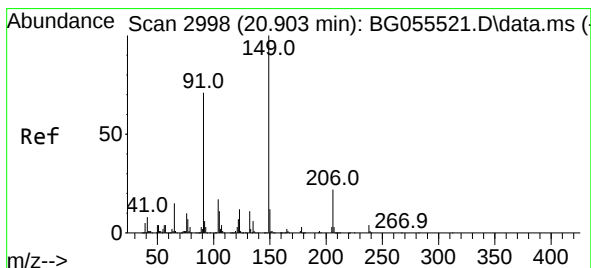
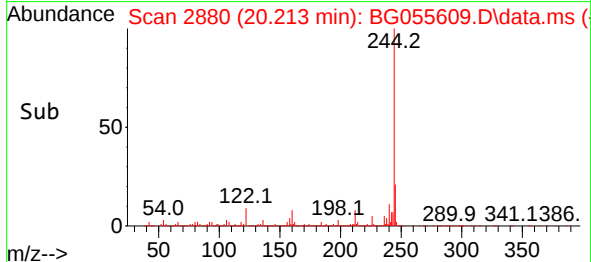
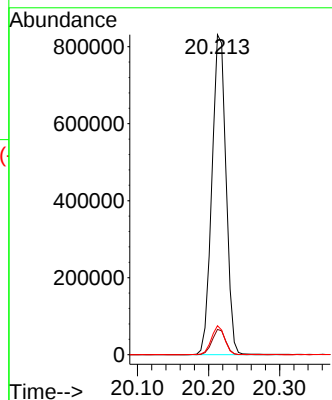
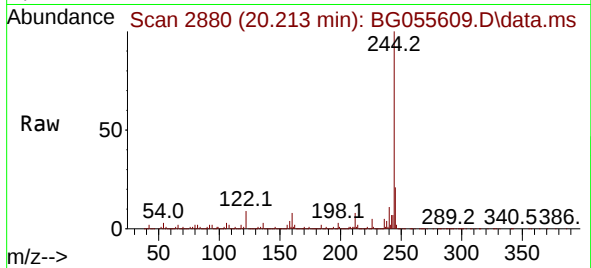




#79
 Terphenyl-d14
 Concen: 68.122 ng
 RT: 20.213 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055609.D
 Acq: 14 Nov 2022 18:04

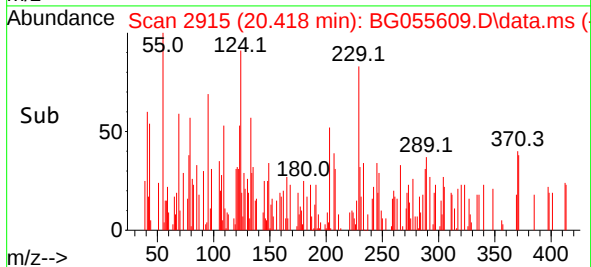
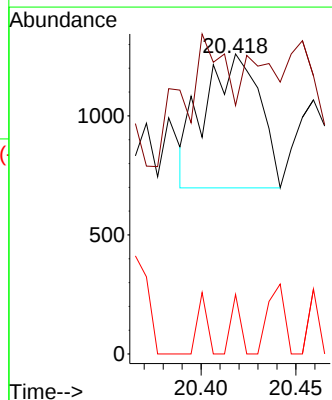
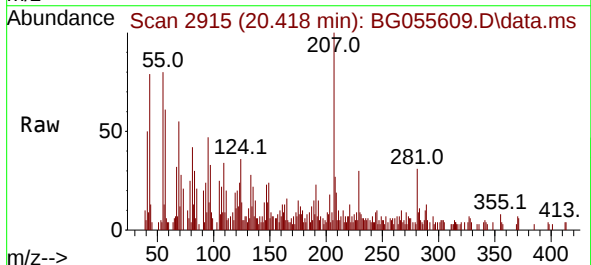
Instrument :
 BNA_G
 ClientSampleId :
 SB-25

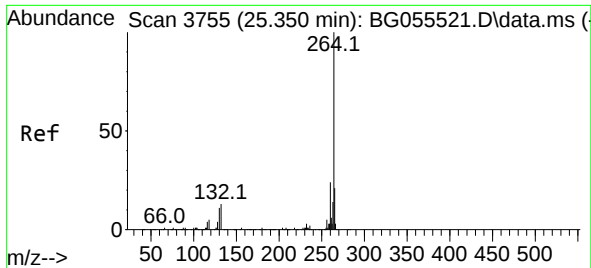
Tgt Ion:244 Resp: 1144542
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.0 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.486 ng
 RT: 20.418 min Scan# 2915
 Delta R.T. -0.485 min
 Lab File: BG055609.D
 Acq: 14 Nov 2022 18:04

Tgt Ion:149 Resp: 1138
 Ion Ratio Lower Upper
 149 100
 91 82.9 56.8 85.2
 206 19.8 17.3 25.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.354 min Scan# 31
Delta R.T. 0.004 min
Lab File: BG055609.D
Acq: 14 Nov 2022 18:04

Instrument :
BNA_G
ClientSampleId :
SB-25

Tgt Ion:264 Resp: 361969

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.3	17.1	25.7

