

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055571.D
 Acq On : 11 Nov 2022 18:02
 Operator : CG/JU
 Sample : N5531-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP03

Quant Time: Nov 12 00:53:42 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)

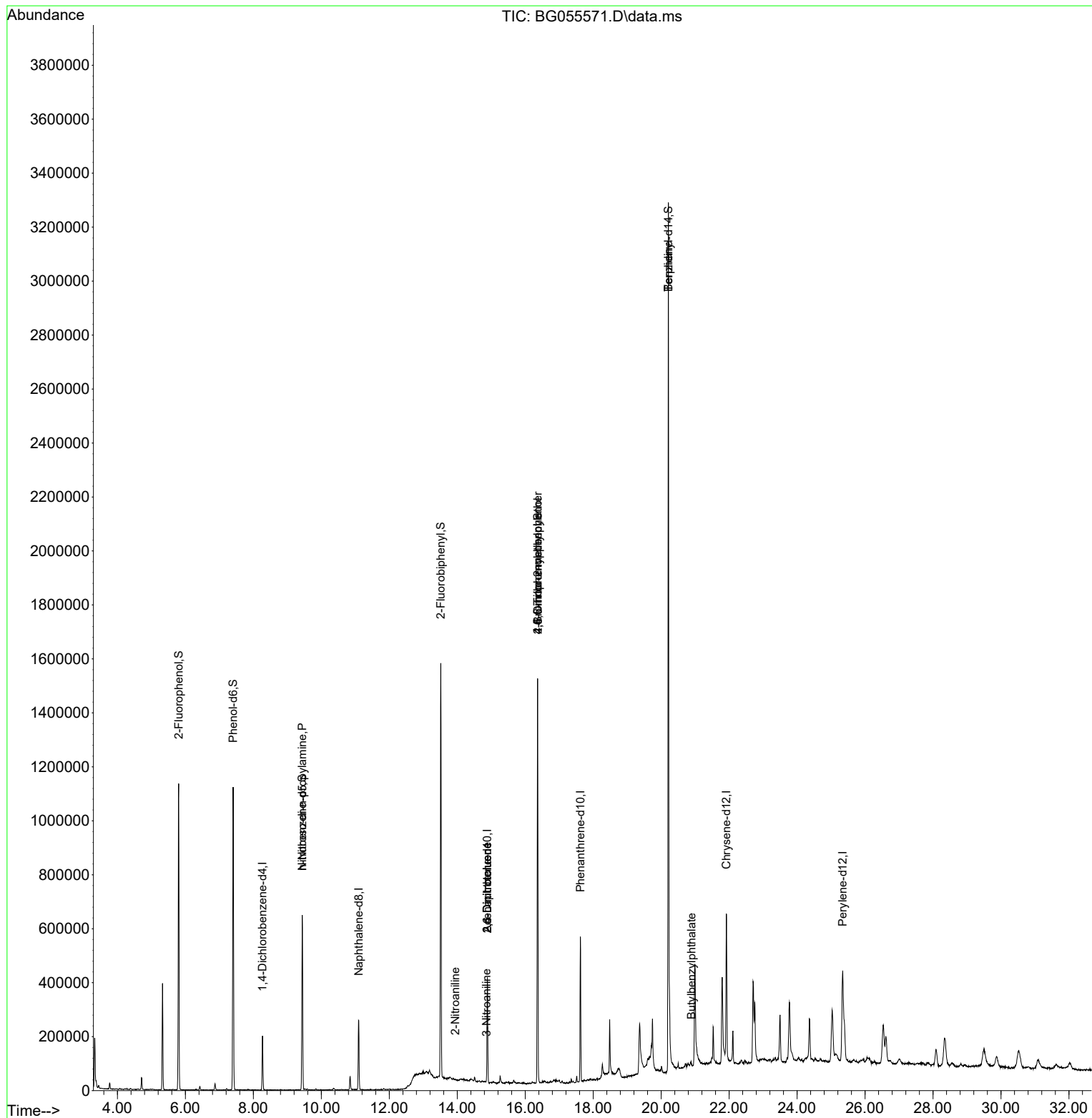
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	55094	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	216053	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	138264	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	339131	20.000	ng	0.00
76) Chrysene-d12	21.919	240	347505	20.000	ng	-0.01
86) Perylene-d12	25.344	264	368553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	478833	165.544	ng	0.01
7) Phenol-d6	7.406	99	612571	153.316	ng	0.00
23) Nitrobenzene-d5	9.439	82	375571	117.844	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	289941	214.923	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	802802	87.582	ng	0.00
79) Terphenyl-d14	20.215	244	1511696	87.375	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.439	70	50993	15.443	ng	# 85
48) 2-Nitroaniline	13.946	65	137	3.850	ng	# 8
51) 2,6-Dinitrotoluene	14.886	165	18667	12.596	ng	# 23
53) 3-Nitroaniline	14.856	138	54	3.801	ng	# 1
57) 2,4-Dinitrotoluene	14.886	165	18667	10.697	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.366	198	939	3.045	ng	# 1
67) 4-Bromophenyl-phenylether	16.366	248	18424	5.325	ng	# 1
77) Benzidine	20.215	184	25410	2.703	ng	# 90
80) Butylbenzylphthalate	20.896	149	1012	3.469	ng	# 83

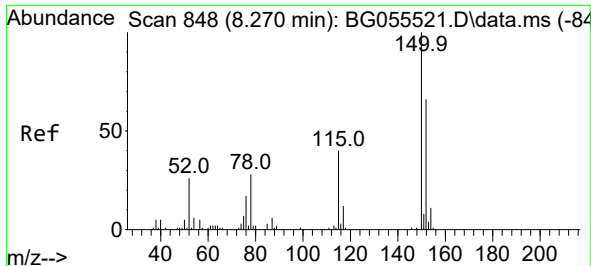
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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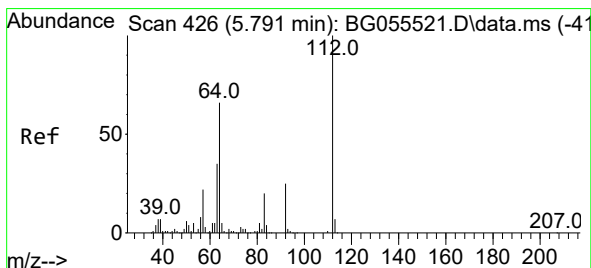
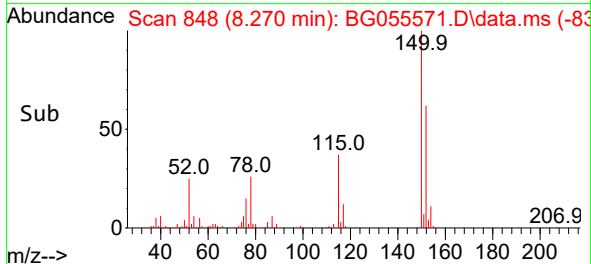
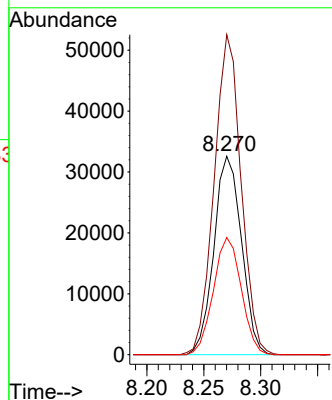
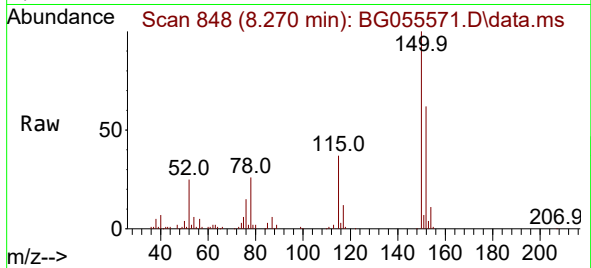




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

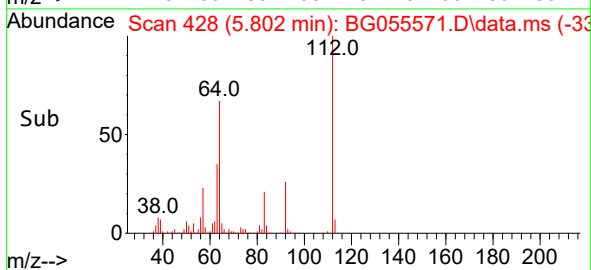
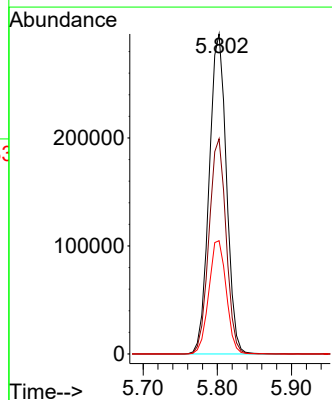
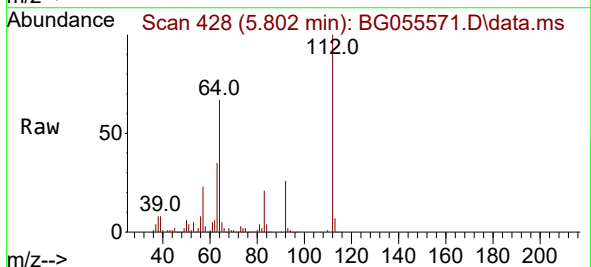
Instrument :
BNA_G
ClientSampleId :
DUP03

Tgt Ion:152 Resp: 55094
Ion Ratio Lower Upper
152 100
150 161.3 121.0 181.4
115 59.1 47.8 71.8



#5
2-Fluorophenol
Concen: 165.544 ng
RT: 5.802 min Scan# 428
Delta R.T. 0.011 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

Tgt Ion:112 Resp: 478833
Ion Ratio Lower Upper
112 100
64 67.3 52.6 78.8
63 35.4 28.3 42.5

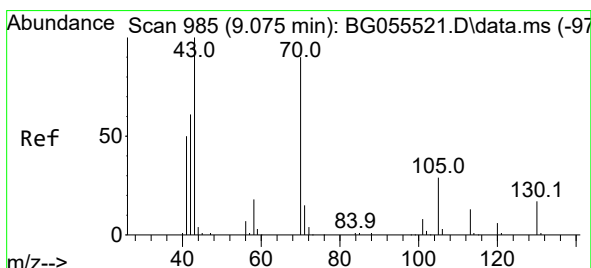
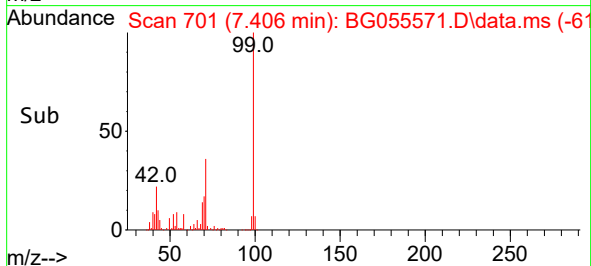
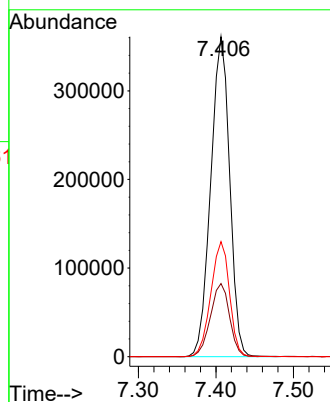
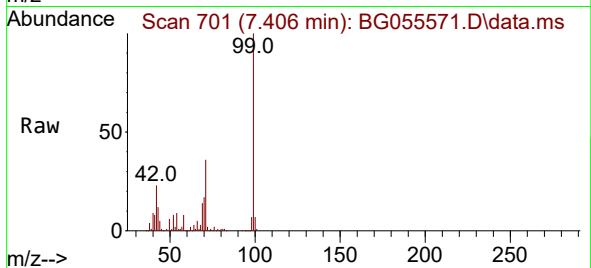




#7
Phenol-d6
Concen: 153.316 ng
RT: 7.406 min Scan# 70
Delta R.T. 0.005 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

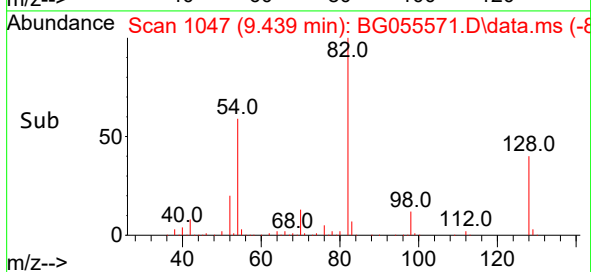
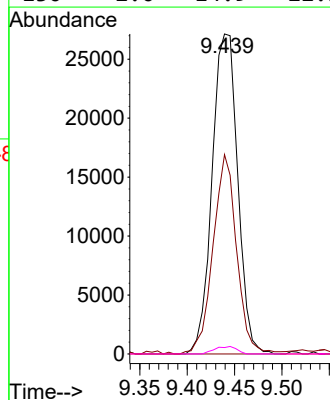
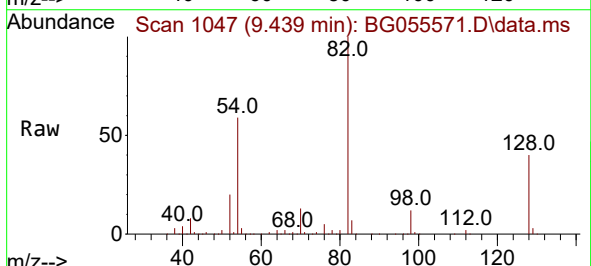
Instrument :
BNA_G
ClientSampleId :
DUP03

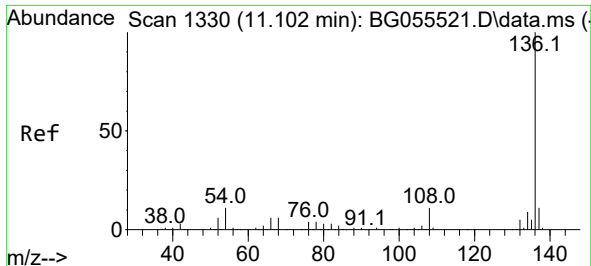
Tgt Ion: 99 Resp: 612571
Ion Ratio Lower Upper
99 100
42 22.8 17.5 26.3
71 36.0 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.443 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

Tgt Ion: 70 Resp: 50993
Ion Ratio Lower Upper
70 100
42 62.3 54.8 82.2
101 0.0 6.8 10.2#
130 2.0 14.9 22.3#

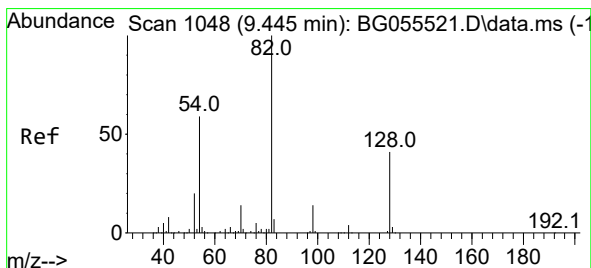
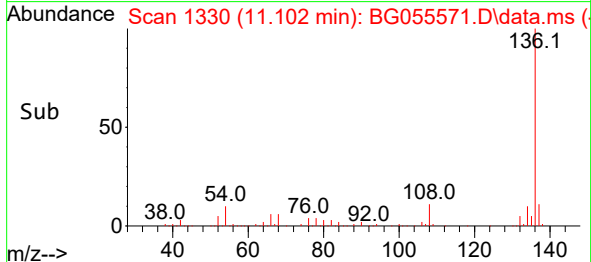
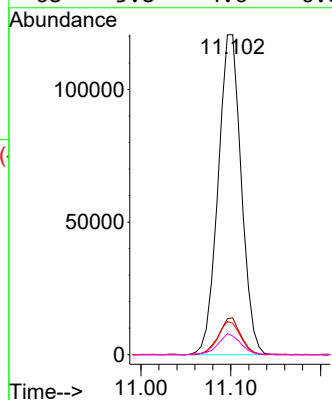
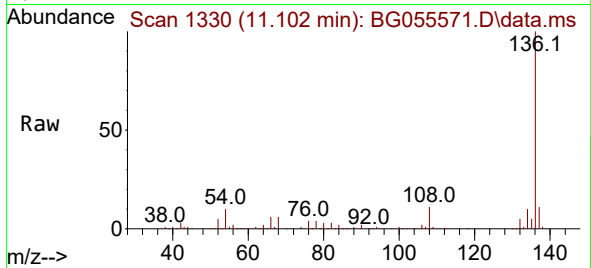




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

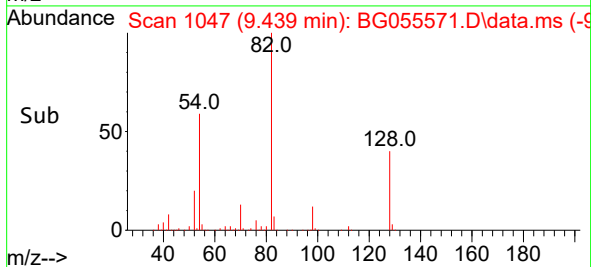
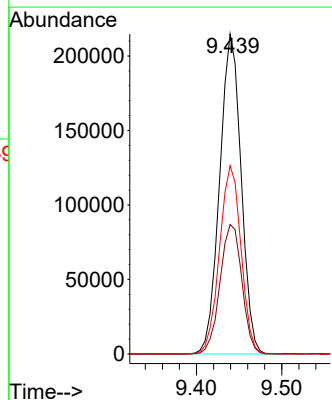
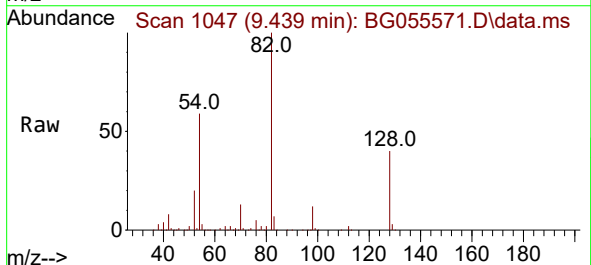
Instrument :
BNA_G
ClientSampleId :
DUP03

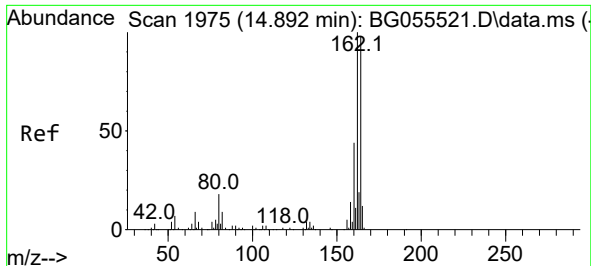
Tgt Ion:136 Resp: 216053
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 9.9 8.6 12.8
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 117.844 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

Tgt Ion: 82 Resp: 375571
Ion Ratio Lower Upper
82 100
128 40.5 32.6 49.0
54 58.8 47.3 70.9

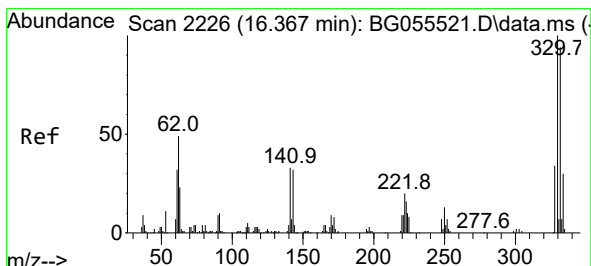
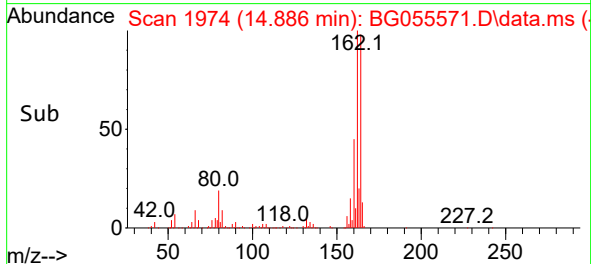
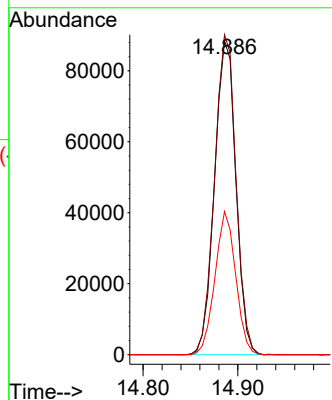
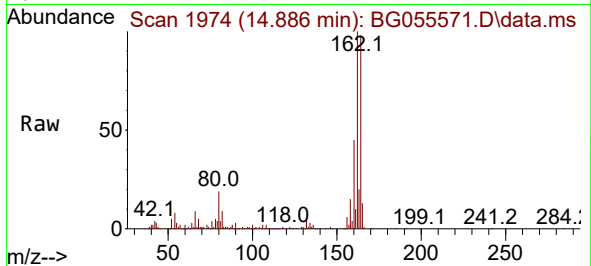




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

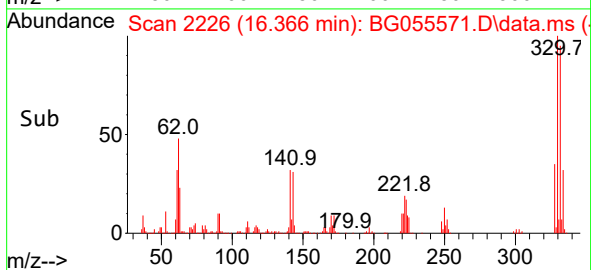
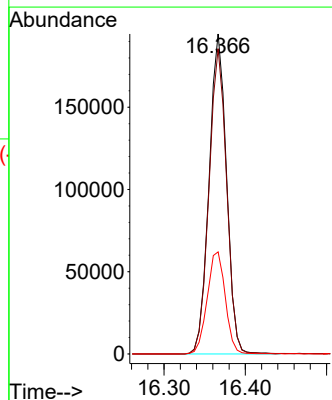
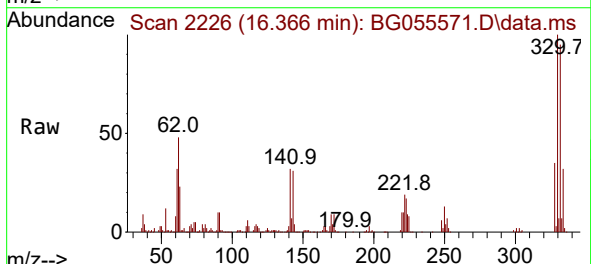
Instrument :
BNA_G
ClientSampleId :
DUP03

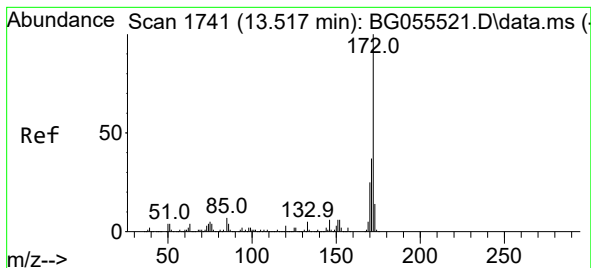
Tgt Ion:164 Resp: 138264
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.6 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 214.923 ng
RT: 16.366 min Scan# 2226
Delta R.T. -0.001 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

Tgt Ion:330 Resp: 289941
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 33.1 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 87.582 ng

RT: 13.517 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG055571.D

Acq: 11 Nov 2022 18:02

Instrument :

BNA_G

ClientSampleId :

DUP03

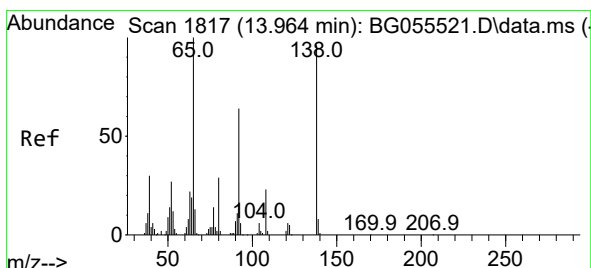
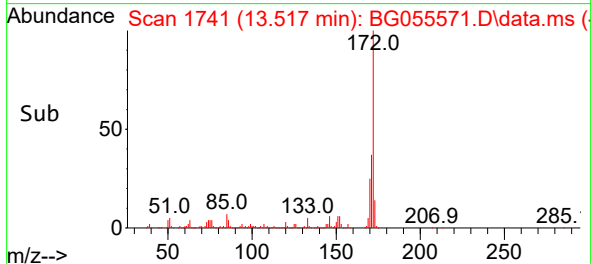
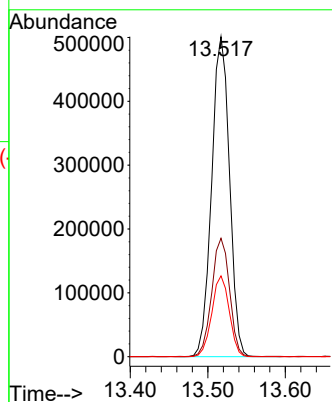
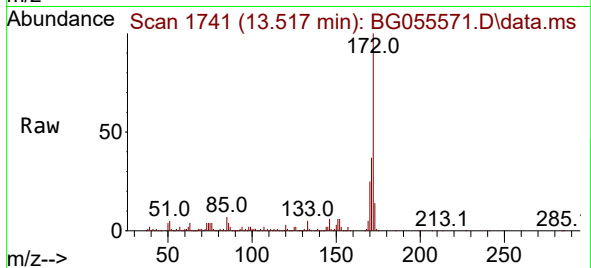
Tgt Ion:172 Resp: 802802

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

170 25.3 19.8 29.6



#48

2-Nitroaniline

Concen: 3.850 ng

RT: 13.946 min Scan# 1814

Delta R.T. -0.018 min

Lab File: BG055571.D

Acq: 11 Nov 2022 18:02

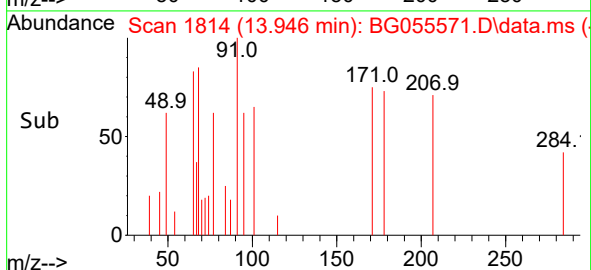
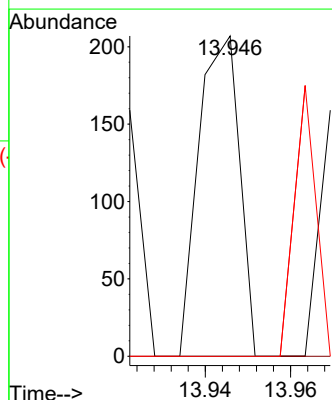
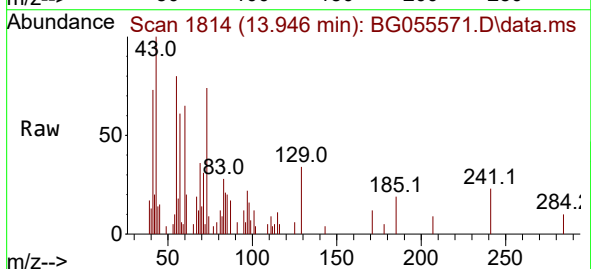
Tgt Ion: 65 Resp: 137

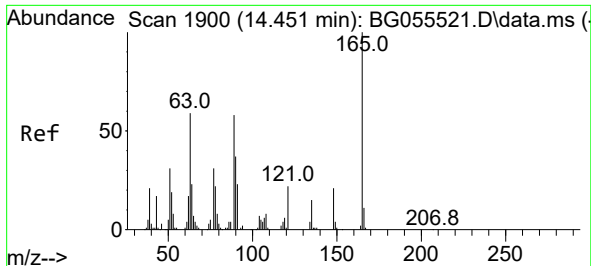
Ion Ratio Lower Upper

65 100

92 0.0 51.6 77.4#

138 0.0 77.0 115.4#

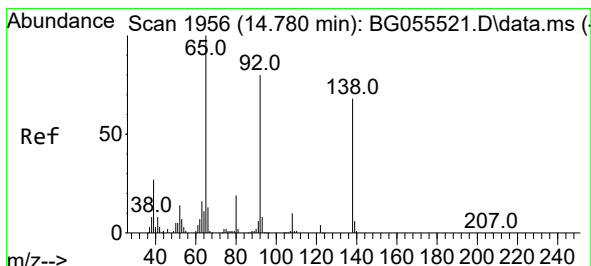
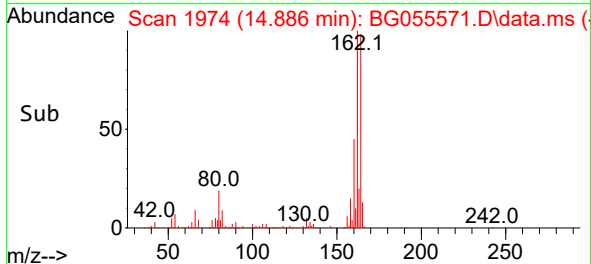
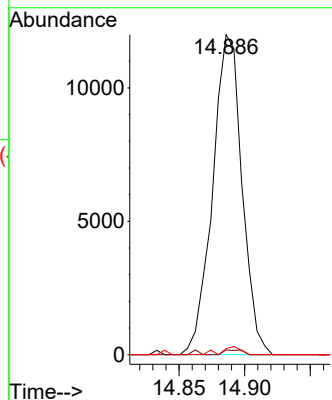
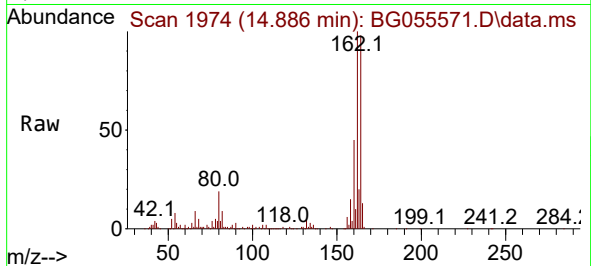




#51
2,6-Dinitrotoluene
Concen: 12.596 ng
RT: 14.886 min Scan# 1900
Delta R.T. 0.435 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

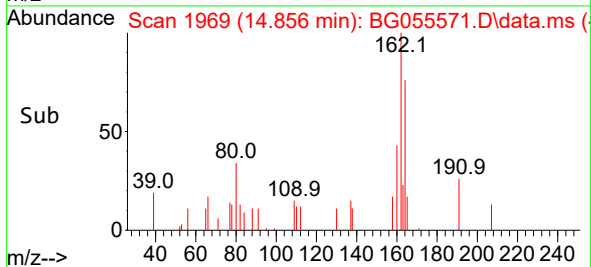
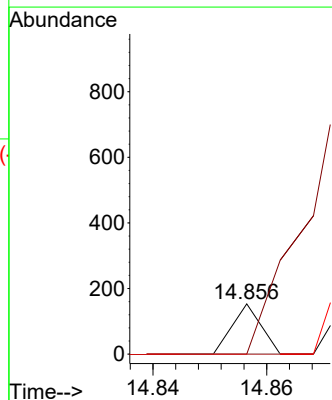
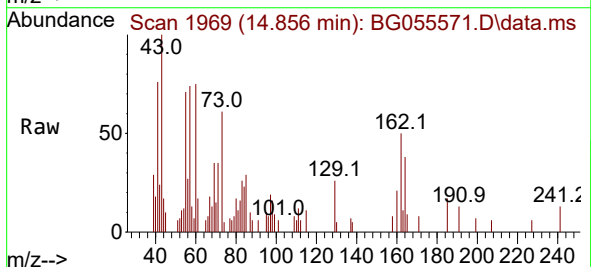
Instrument :
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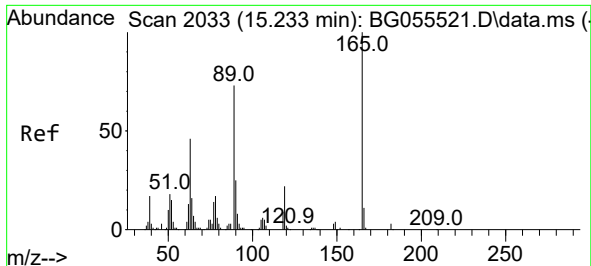
Tgt Ion:165 Resp: 18667
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 1.9 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.801 ng
RT: 14.856 min Scan# 1969
Delta R.T. 0.076 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

Tgt Ion:138 Resp: 54
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: 10.697 ng

RT: 14.886 min Scan# 14

Delta R.T. -0.347 min

Lab File: BG055571.D

Acq: 11 Nov 2022 18:02

Instrument :

BNA_G

ClientSampleId :

DUP03

Tgt Ion:165 Resp: 18667

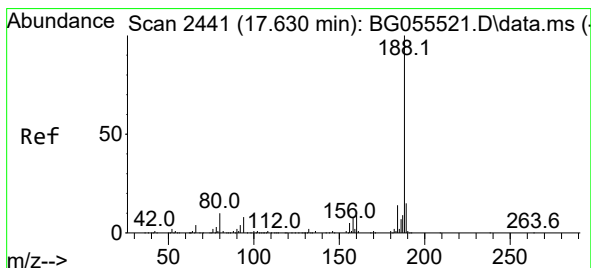
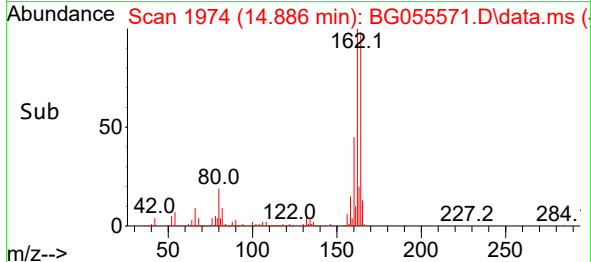
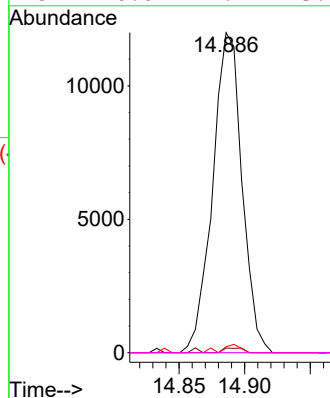
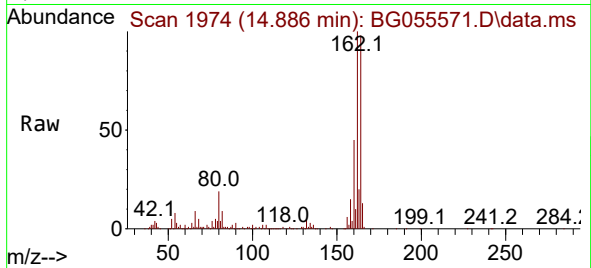
Ion Ratio Lower Upper

165 100

63 1.4 37.0 55.4#

89 1.9 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.624 min Scan# 2440

Delta R.T. -0.006 min

Lab File: BG055571.D

Acq: 11 Nov 2022 18:02

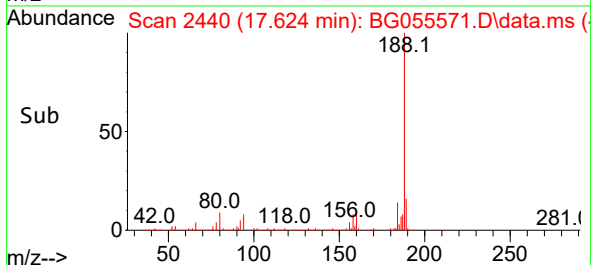
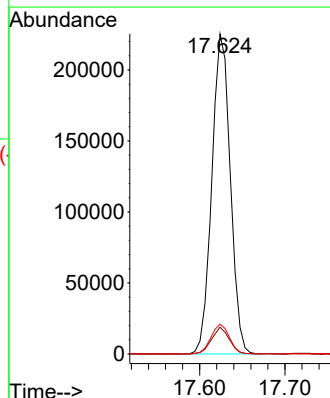
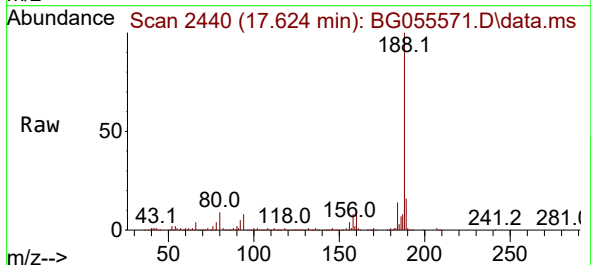
Tgt Ion:188 Resp: 339131

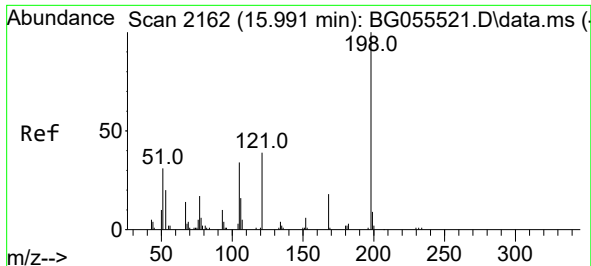
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.3 7.6 11.4

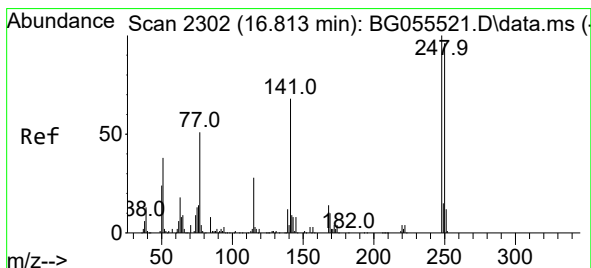
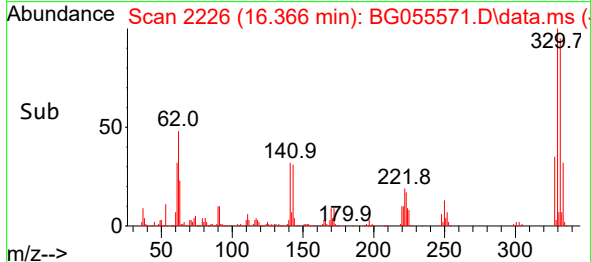
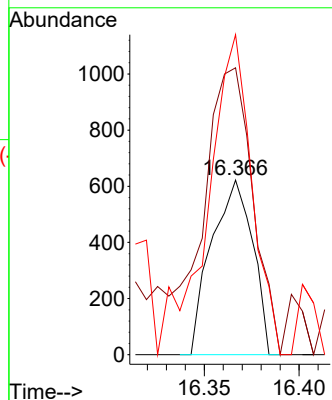
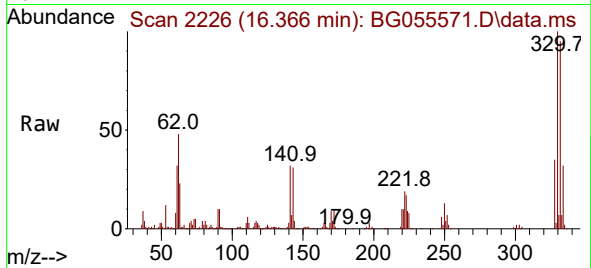




#65
4,6-Dinitro-2-methylphenol
Concen: 3.045 ng
RT: 16.366 min Scan# 2162
Delta R.T. 0.375 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

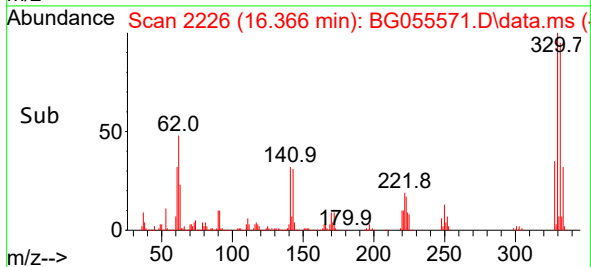
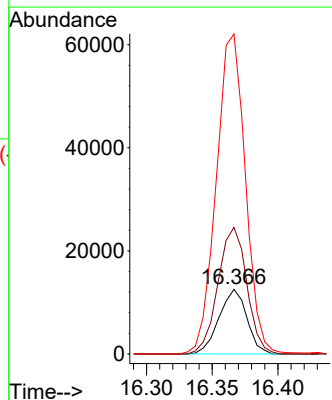
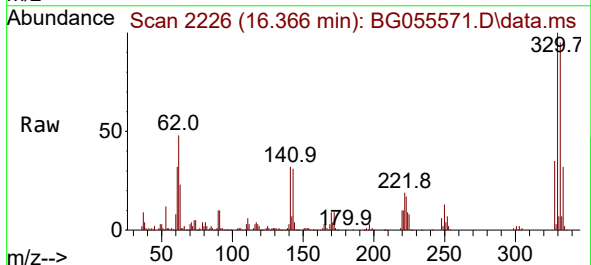
Instrument :
BNA_G
ClientSampleId :
DUP03

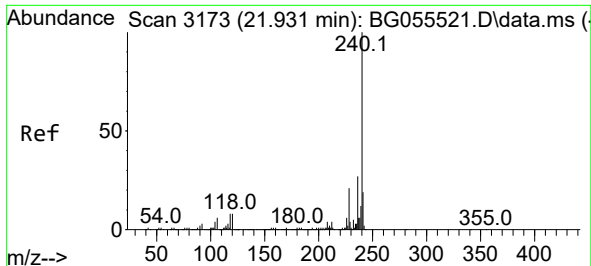
Tgt Ion:198 Resp: 939
Ion Ratio Lower Upper
198 100
51 164.3 24.7 64.7#
105 183.3 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 5.325 ng
RT: 16.366 min Scan# 2226
Delta R.T. -0.447 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

Tgt Ion:248 Resp: 18424
Ion Ratio Lower Upper
248 100
250 195.5 76.9 115.3#
141 494.6 54.3 81.5#

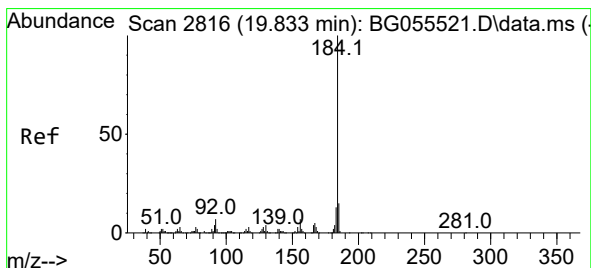
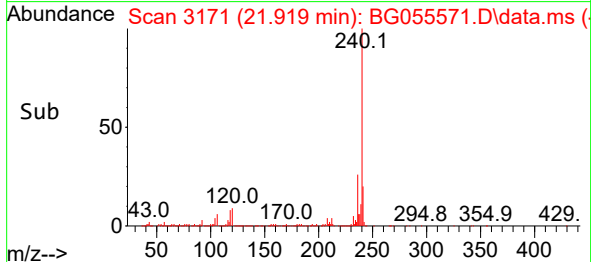
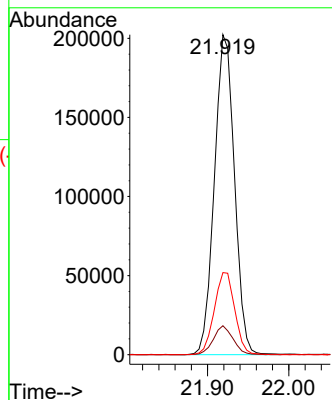
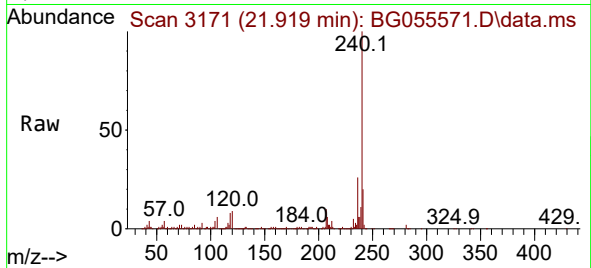




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3173
Delta R.T. -0.012 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

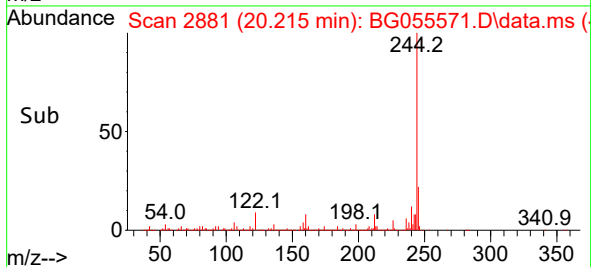
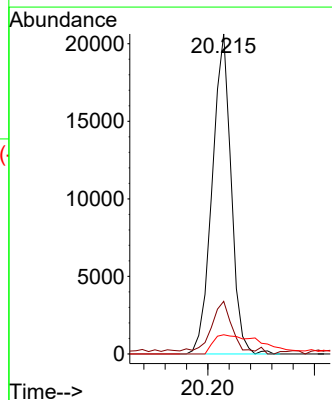
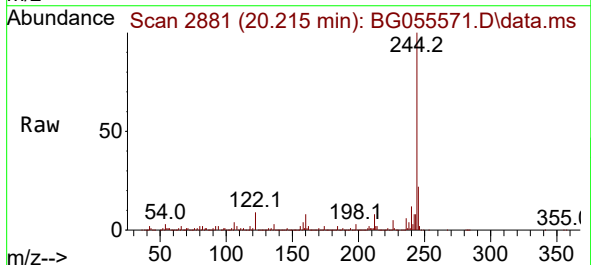
Instrument :
BNA_G
ClientSampleId :
DUP03

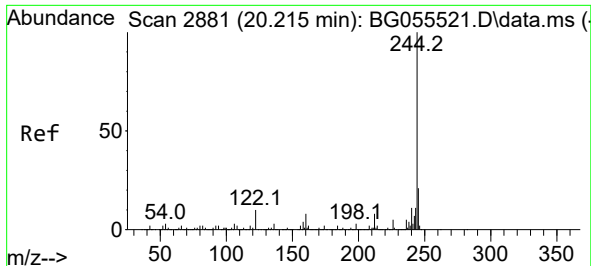
Tgt Ion:240 Resp: 347505
Ion Ratio Lower Upper
240 100
120 9.0 6.1 9.1
236 25.6 21.4 32.0



#77
Benzidine
Concen: 2.703 ng
RT: 20.215 min Scan# 2881
Delta R.T. 0.382 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

Tgt Ion:184 Resp: 25410
Ion Ratio Lower Upper
184 100
185 16.4 12.0 18.0
183 6.0 10.2 15.2#

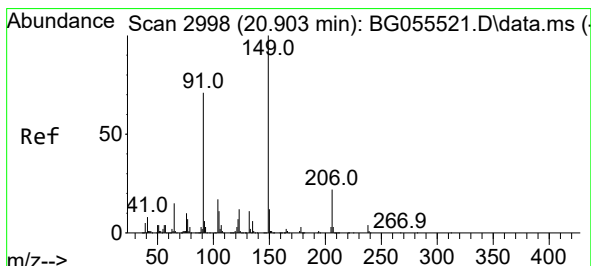
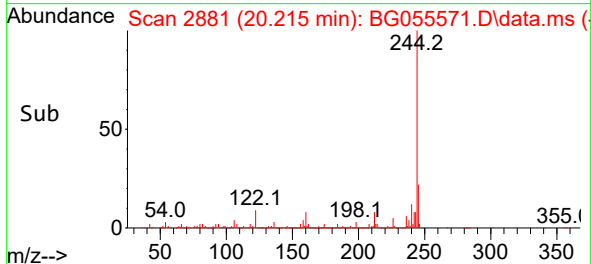
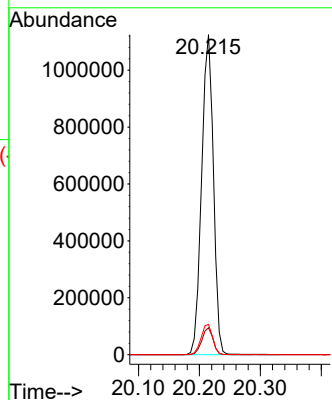
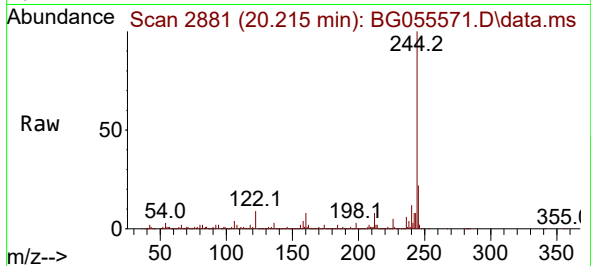




#79
 Terphenyl-d14
 Concen: 87.375 ng
 RT: 20.215 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG055571.D
 Acq: 11 Nov 2022 18:02

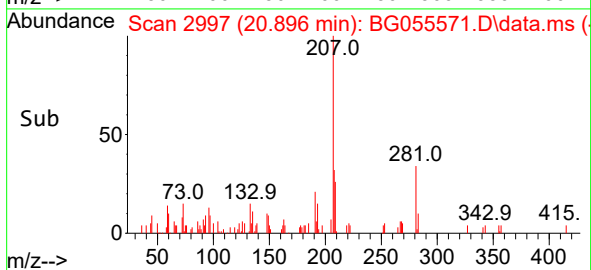
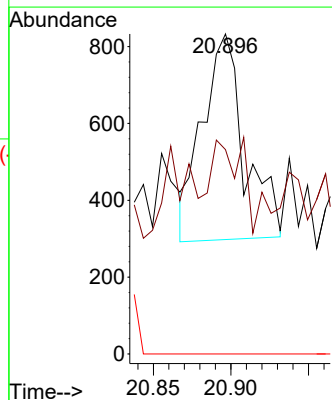
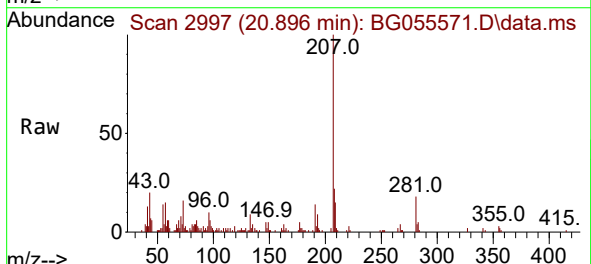
Instrument :
 BNA_G
 ClientSampleId :
 DUP03

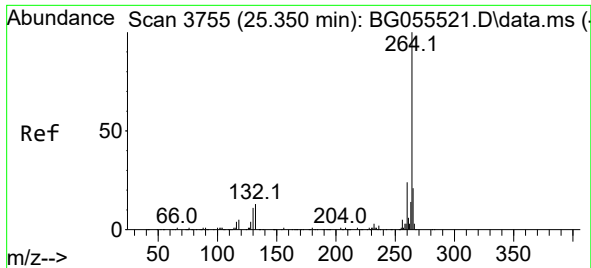
Tgt Ion:244 Resp: 1511696
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 9.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.469 ng
 RT: 20.896 min Scan# 2997
 Delta R.T. -0.007 min
 Lab File: BG055571.D
 Acq: 11 Nov 2022 18:02

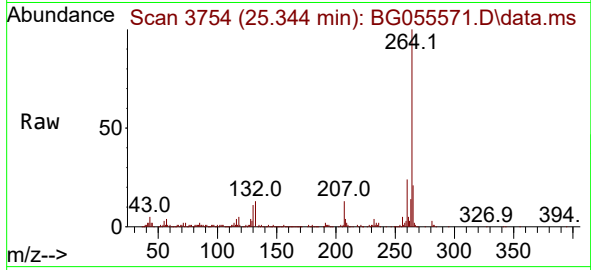
Tgt Ion:149 Resp: 1012
 Ion Ratio Lower Upper
 149 100
 91 63.9 56.8 85.2
 206 0.0 17.3 25.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.344 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

Instrument :
BNA_G
ClientSampleId :
DUP03



Tgt Ion:264 Resp: 368553

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.2	17.1	25.7

