

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055565.D
 Acq On : 11 Nov 2022 13:39
 Operator : CG/JU
 Sample : N5531-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-28B

Quant Time: Nov 11 16:31:30 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)

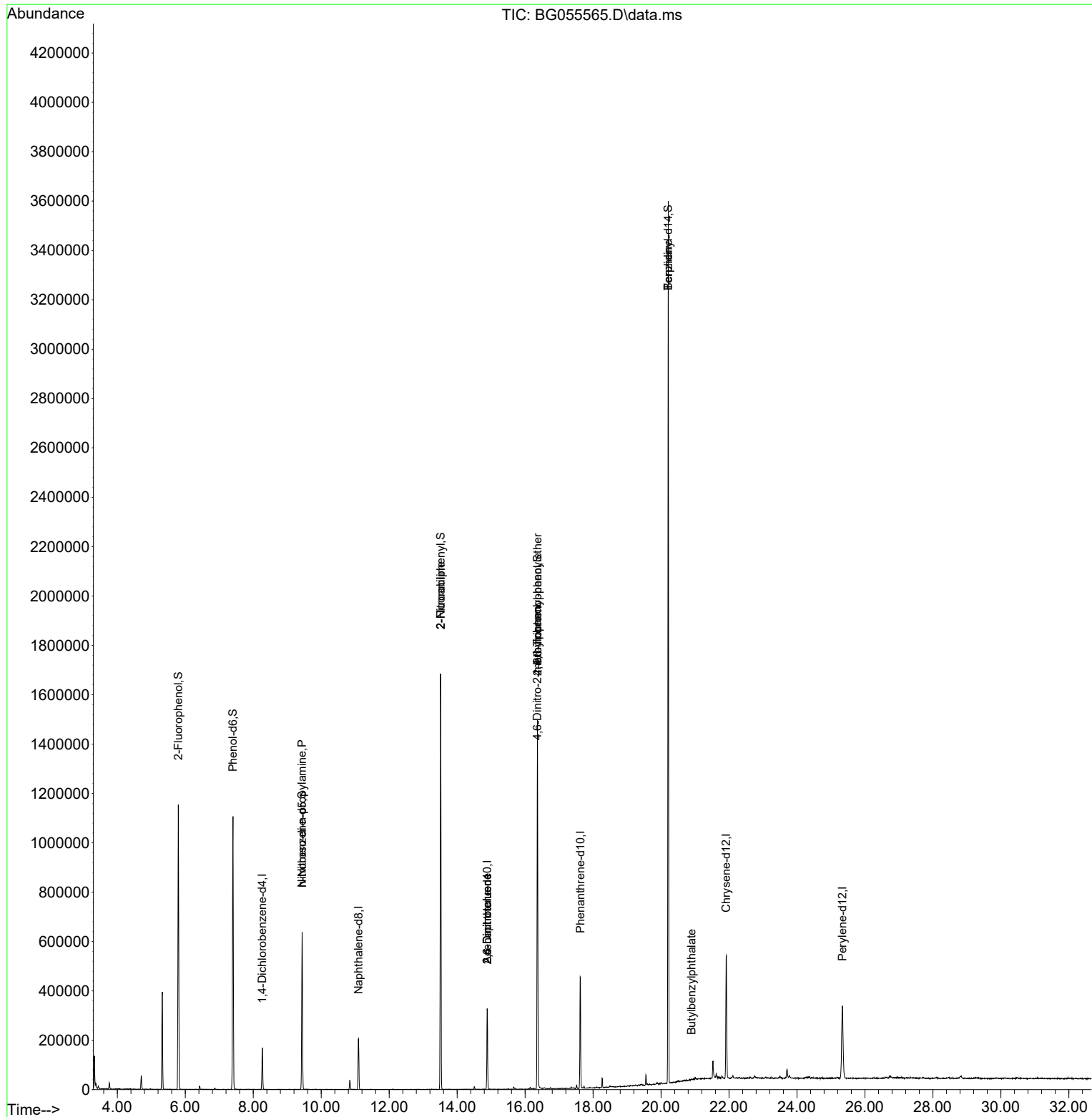
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.268	152	47188	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	177635	20.000	ng	0.00
39) Acenaphthene-d10	14.883	164	119915	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	293055	20.000	ng	0.00
76) Chrysene-d12	21.916	240	331532	20.000	ng	-0.01
86) Perylene-d12	25.336	264	345240	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	483883	195.318	ng	0.00
7) Phenol-d6	7.404	99	608003	177.668	ng	0.00
23) Nitrobenzene-d5	9.437	82	365164	139.359	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	292456	249.959	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	864550	108.751	ng	0.00
79) Terphenyl-d14	20.212	244	1702940	103.171	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.437	70	50130	17.725	ng	# 77
48) 2-Nitroaniline	13.514	65	1566	4.613	ng	# 1
51) 2,6-Dinitrotoluene	14.883	165	15645	12.278	ng	# 20
57) 2,4-Dinitrotoluene	14.883	165	15645	10.459	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.358	198	993	3.302	ng	# 1
67) 4-Bromophenyl-phenylether	16.364	248	18901	6.322	ng	# 1
77) Benzidine	20.212	184	28906	3.223	ng	# 91
80) Butylbenzylphthalate	20.900	149	583	3.428	ng	# 82

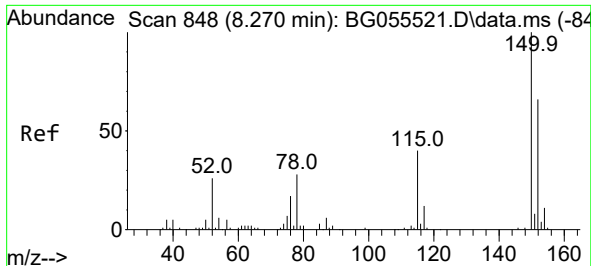
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055565.D
Acq On : 11 Nov 2022 13:39
Operator : CG/JU
Sample : N5531-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-28B

Quant Time: Nov 11 16:31:30 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

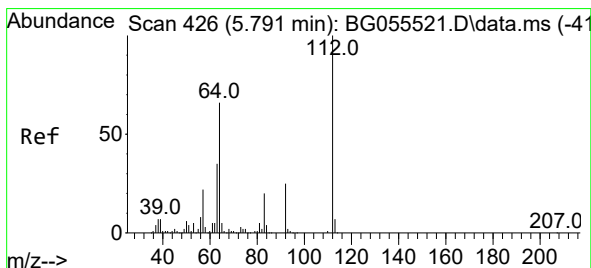
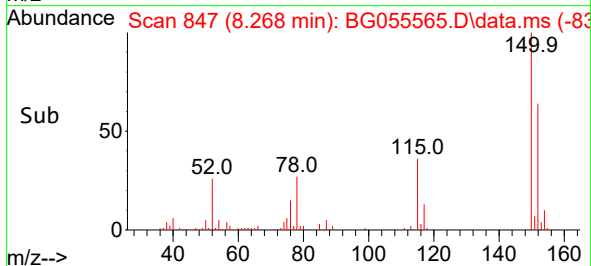
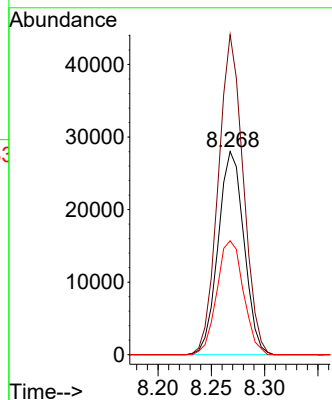
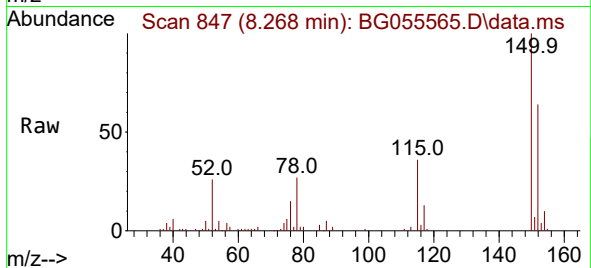




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.268 min Scan# 848
Delta R.T. -0.002 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

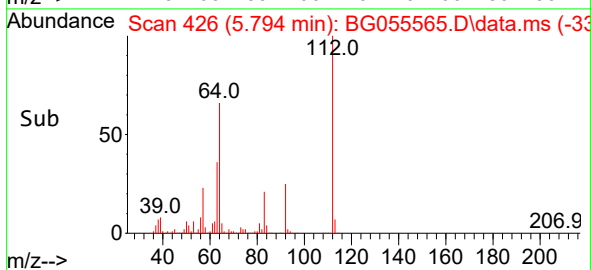
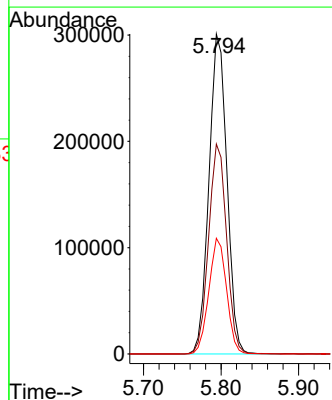
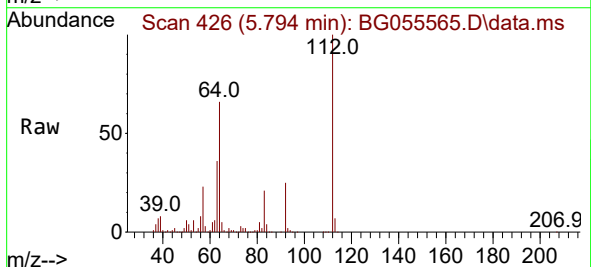
Instrument :
BNA_G
ClientSampleId :
SB-28B

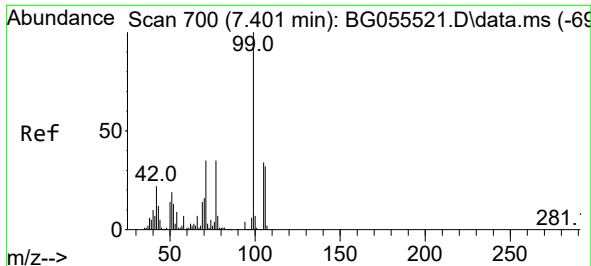
Tgt Ion:152 Resp: 47188
Ion Ratio Lower Upper
152 100
150 157.5 121.0 181.4
115 56.0 47.8 71.8



#5
2-Fluorophenol
Concen: 195.318 ng
RT: 5.794 min Scan# 426
Delta R.T. 0.003 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

Tgt Ion:112 Resp: 483883
Ion Ratio Lower Upper
112 100
64 65.6 52.6 78.8
63 36.1 28.3 42.5

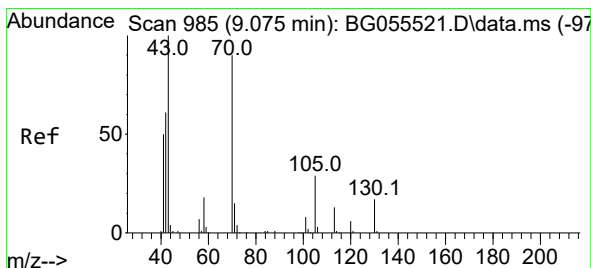
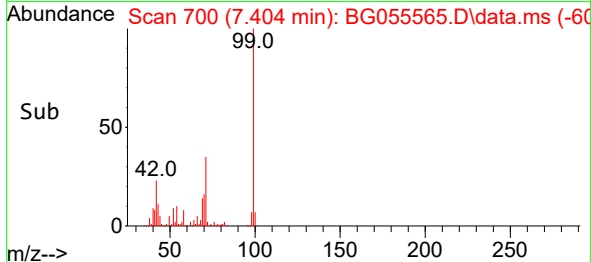
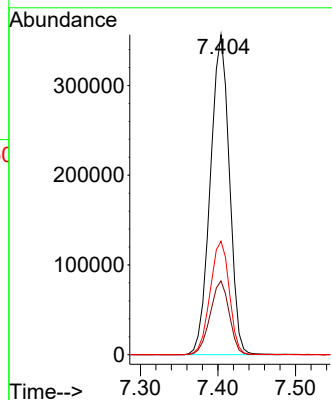
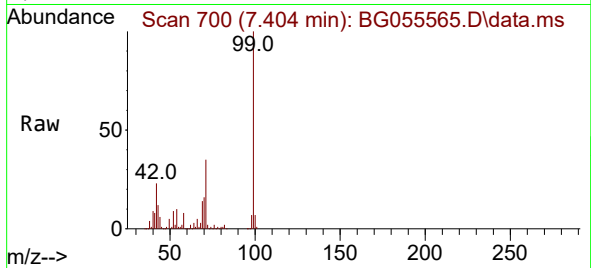




#7
Phenol-d6
Concen: 177.668 ng
RT: 7.404 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

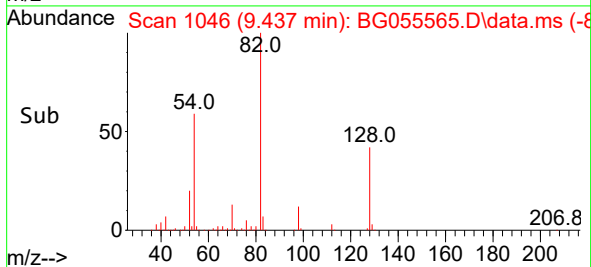
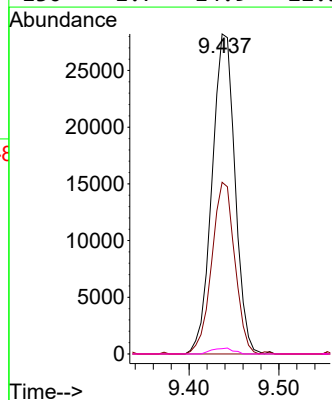
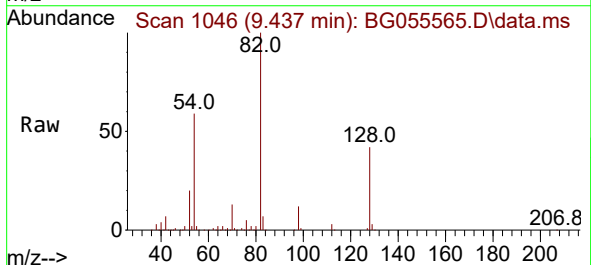
Instrument :
BNA_G
ClientSampleId :
SB-28B

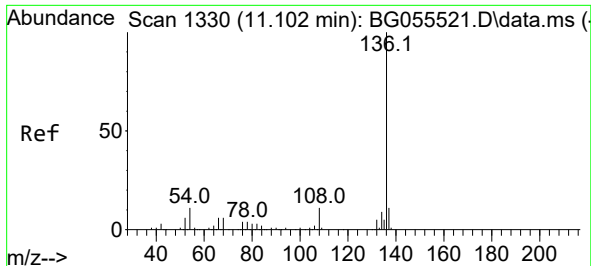
Tgt Ion: 99 Resp: 608003
Ion Ratio Lower Upper
99 100
42 23.1 17.5 26.3
71 35.5 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.725 ng
RT: 9.437 min Scan# 1046
Delta R.T. 0.362 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

Tgt Ion: 70 Resp: 50130
Ion Ratio Lower Upper
70 100
42 53.6 54.8 82.2#
101 0.0 6.8 10.2#
130 1.7 14.9 22.3#

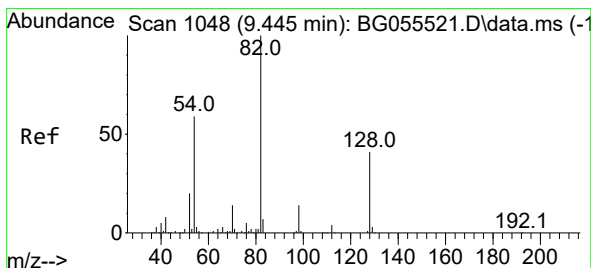
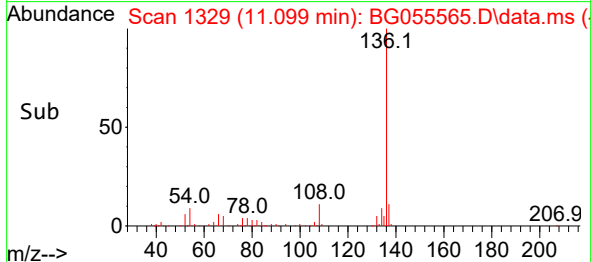
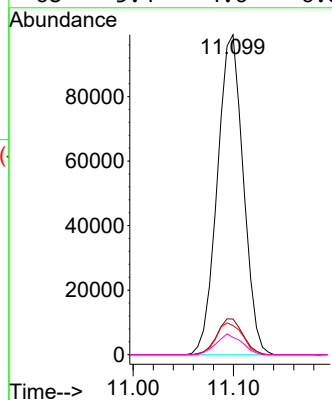
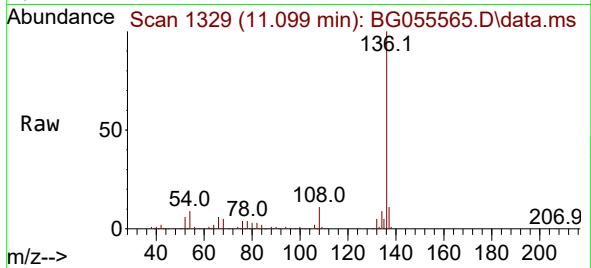




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

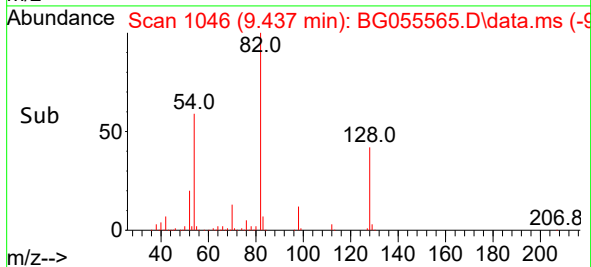
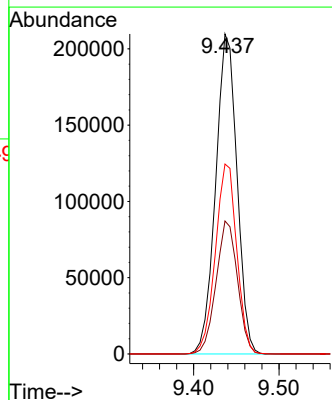
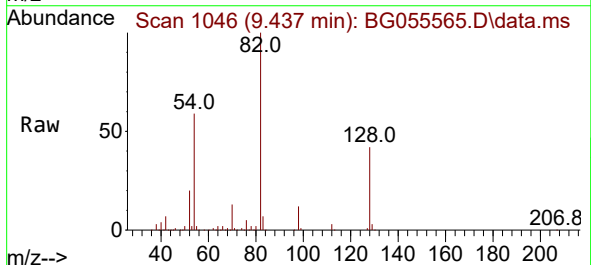
Instrument :
BNA_G
ClientSampleId :
SB-28B

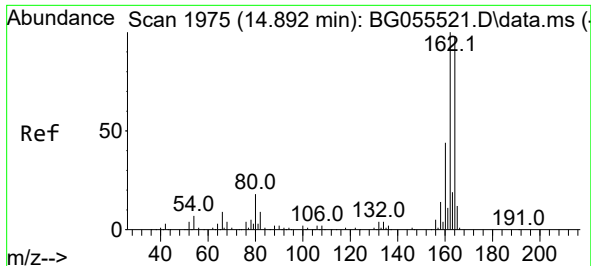
Tgt Ion:136 Resp: 177635
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 9.1 8.6 12.8
68 5.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 139.359 ng
RT: 9.437 min Scan# 1046
Delta R.T. -0.008 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

Tgt Ion: 82 Resp: 365164
Ion Ratio Lower Upper
82 100
128 41.5 32.6 49.0
54 59.4 47.3 70.9

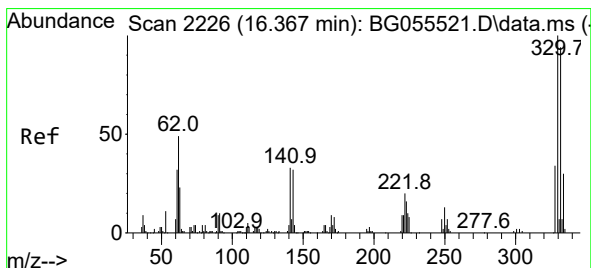
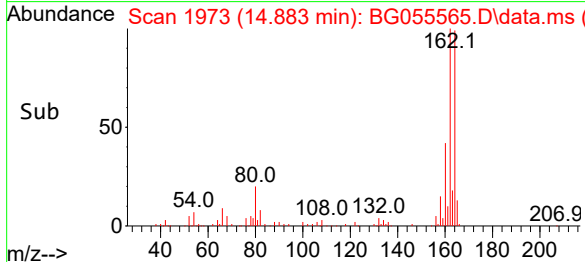
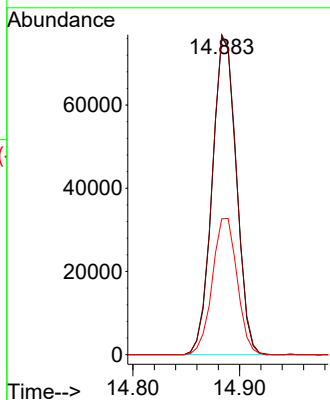
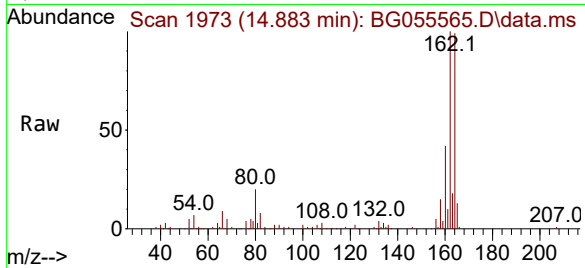




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.009 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

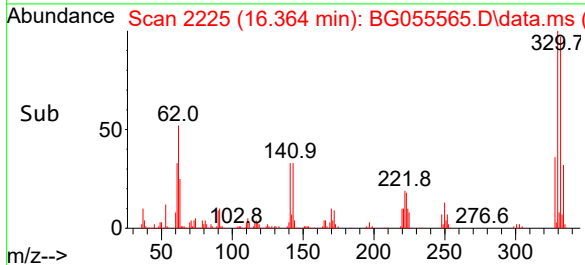
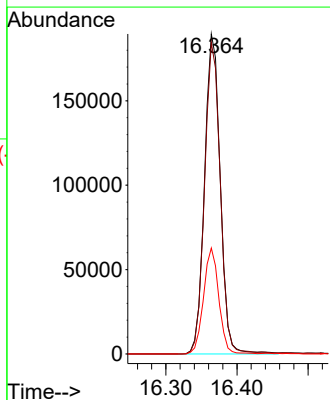
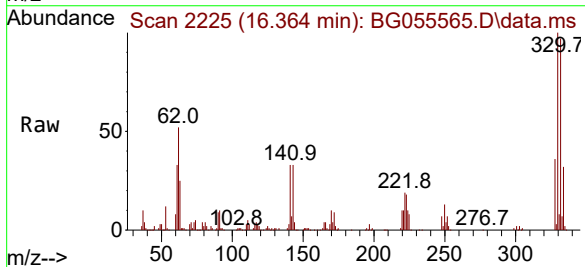
Instrument :
BNA_G
ClientSampleId :
SB-28B

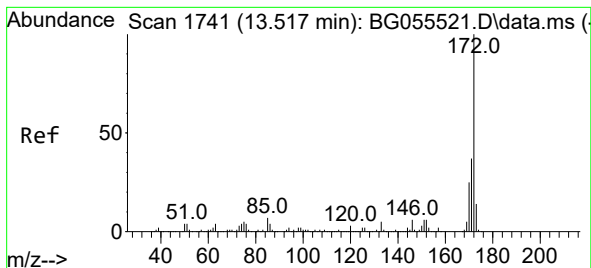
Tgt Ion:164 Resp: 119915
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 42.7 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 249.959 ng
RT: 16.364 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

Tgt Ion:330 Resp: 292456
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 32.1 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 108.751 ng

RT: 13.514 min Scan# 1740

Delta R.T. -0.003 min

Lab File: BG055565.D

Acq: 11 Nov 2022 13:39

Instrument :

BNA_G

ClientSampleId :

SB-28B

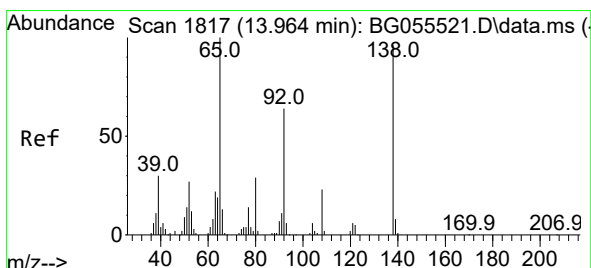
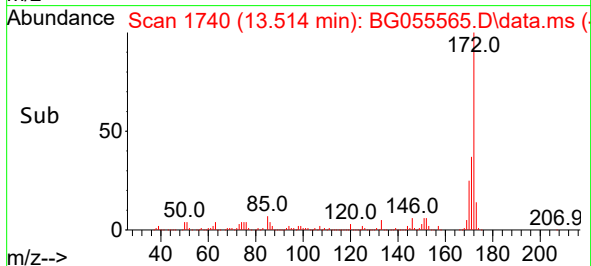
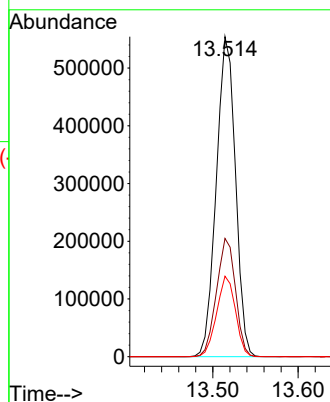
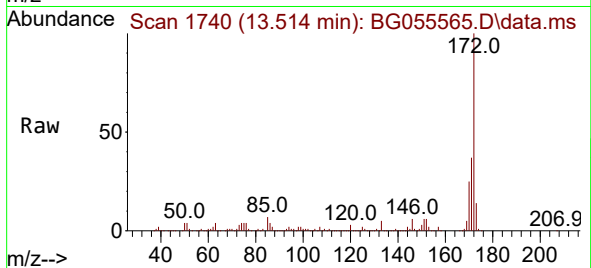
Tgt Ion:172 Resp: 864550

Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

170 25.2 19.8 29.6



#48

2-Nitroaniline

Concen: 4.613 ng

RT: 13.514 min Scan# 1740

Delta R.T. -0.450 min

Lab File: BG055565.D

Acq: 11 Nov 2022 13:39

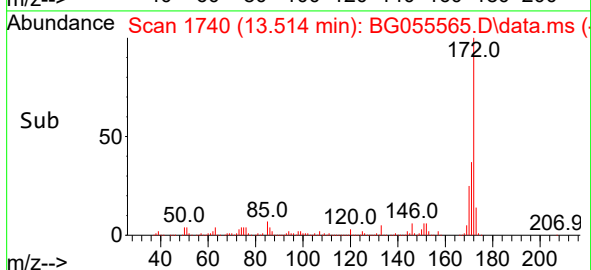
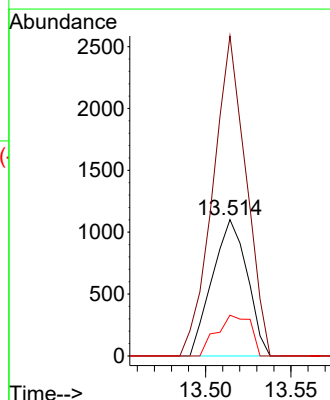
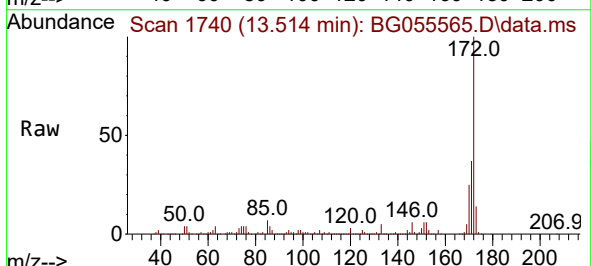
Tgt Ion: 65 Resp: 1566

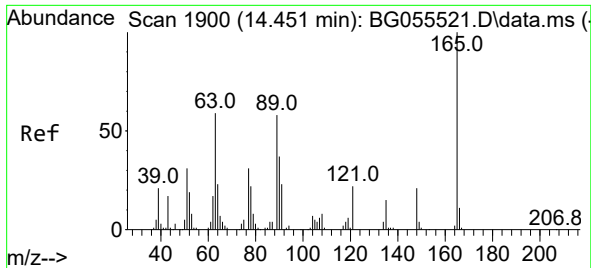
Ion Ratio Lower Upper

65 100

92 234.9 51.6 77.4#

138 29.9 77.0 115.4#

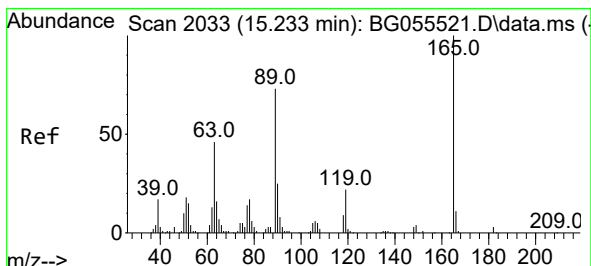
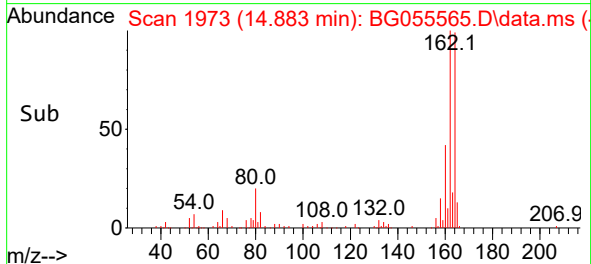
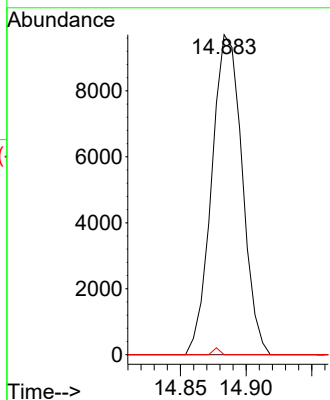
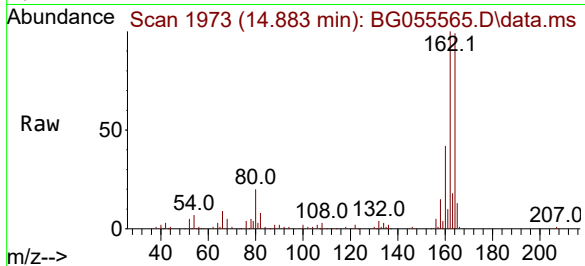




#51
2,6-Dinitrotoluene
Concen: 12.278 ng
RT: 14.883 min Scan# 1900
Delta R.T. 0.432 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

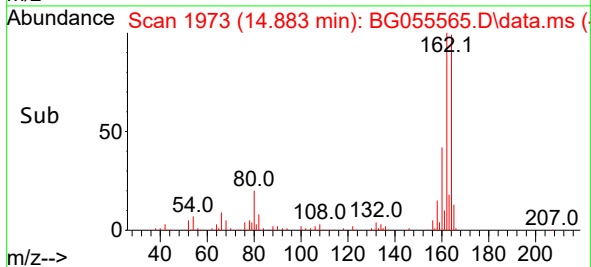
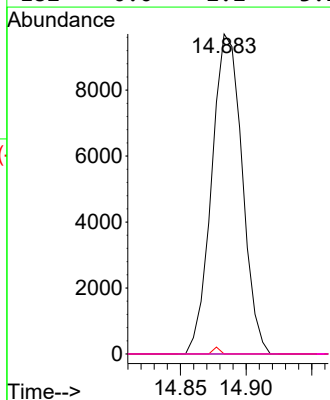
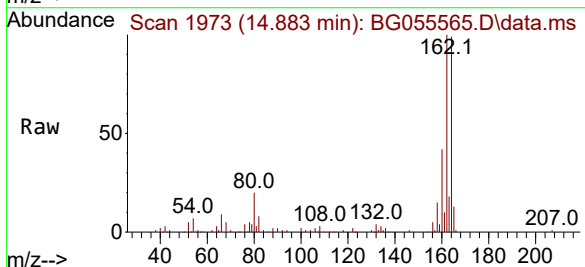
Instrument :
BNA_G
ClientSampleId :
SB-28B

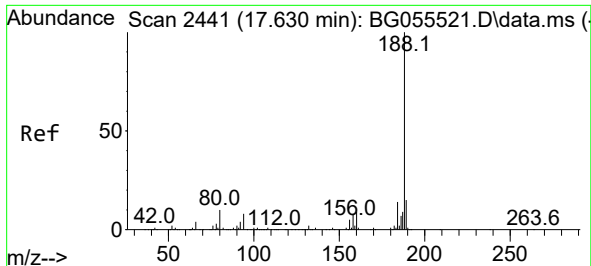
Tgt Ion:165 Resp: 15645
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.459 ng
RT: 14.883 min Scan# 1973
Delta R.T. -0.350 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

Tgt Ion:165 Resp: 15645
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 0.0 58.6 87.8#
182 0.0 2.2 3.2#

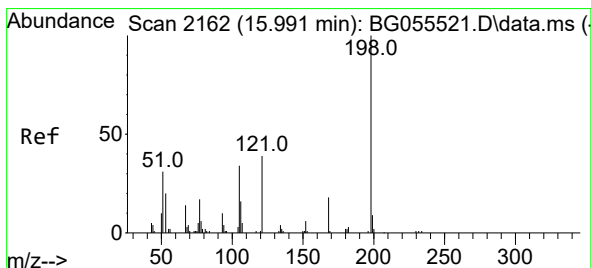
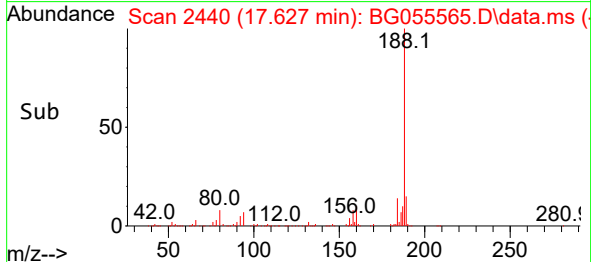
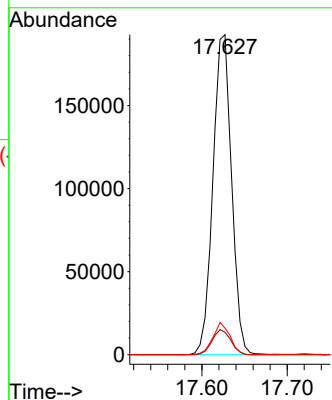
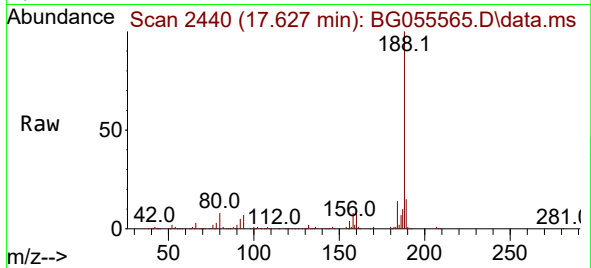




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2441
Delta R.T. -0.003 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

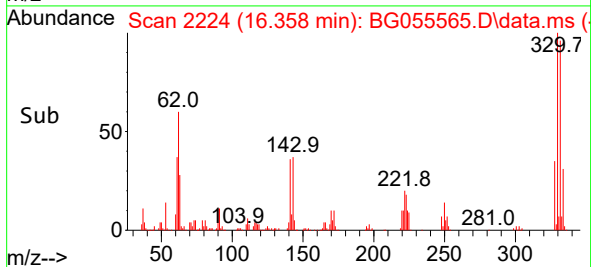
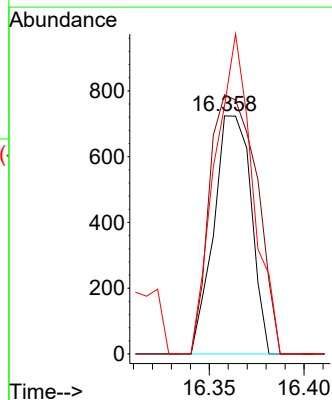
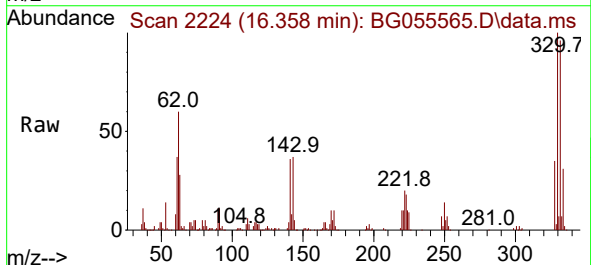
Instrument :
BNA_G
ClientSampleId :
SB-28B

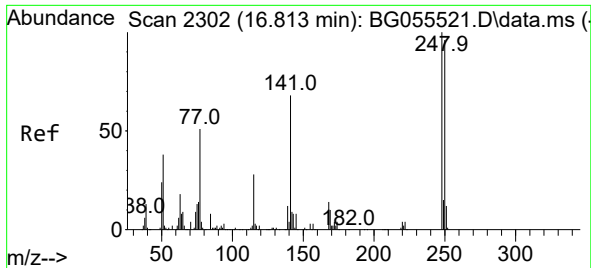
Tgt Ion:188 Resp: 293055
Ion Ratio Lower Upper
188 100
94 7.0 6.4 9.6
80 8.3 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 3.302 ng
RT: 16.358 min Scan# 2224
Delta R.T. 0.367 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

Tgt Ion:198 Resp: 993
Ion Ratio Lower Upper
198 100
51 108.8 24.7 64.7#
105 104.1 17.6 57.6#

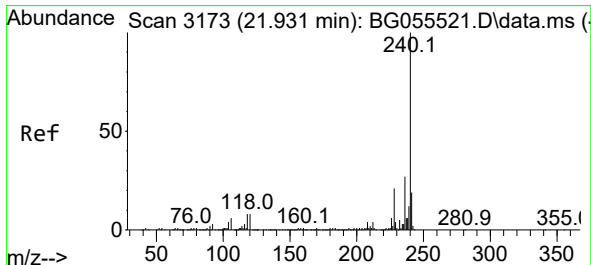
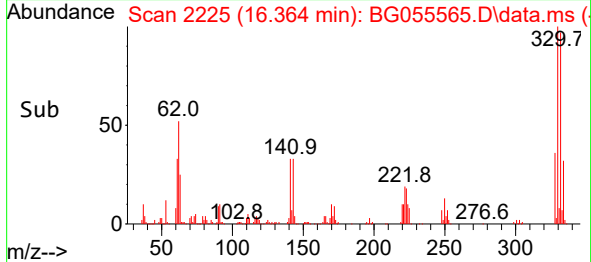
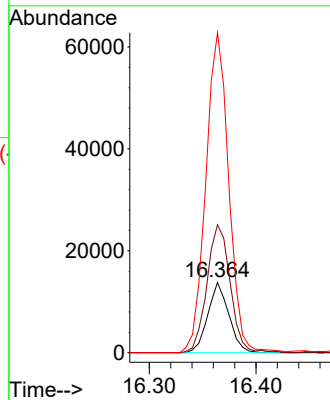
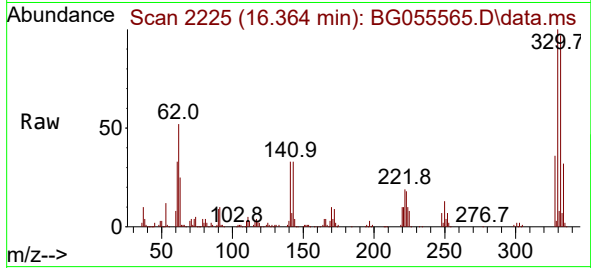




#67
4-Bromophenyl-phenylether
Concen: 6.322 ng
RT: 16.364 min Scan# 21
Delta R.T. -0.449 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

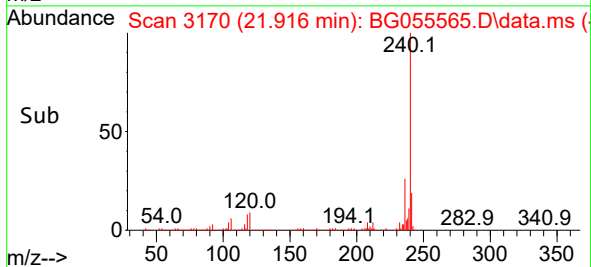
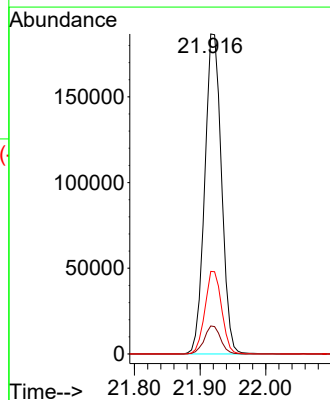
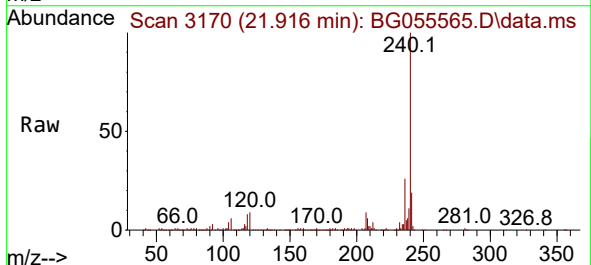
Instrument :
BNA_G
ClientSampleId :
SB-28B

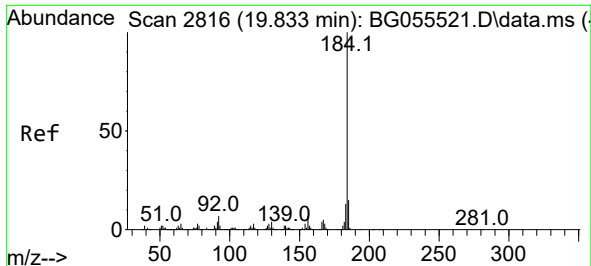
Tgt Ion:248 Resp: 18901
Ion Ratio Lower Upper
248 100
250 182.0 76.9 115.3#
141 455.5 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3170
Delta R.T. -0.015 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

Tgt Ion:240 Resp: 331532
Ion Ratio Lower Upper
240 100
120 8.7 6.1 9.1
236 25.8 21.4 32.0

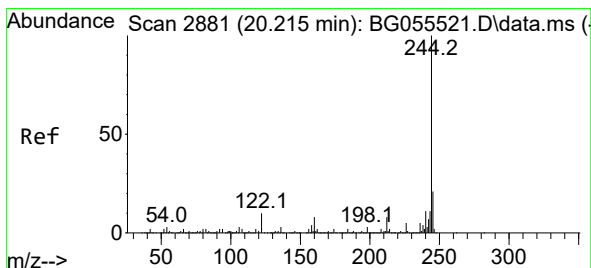
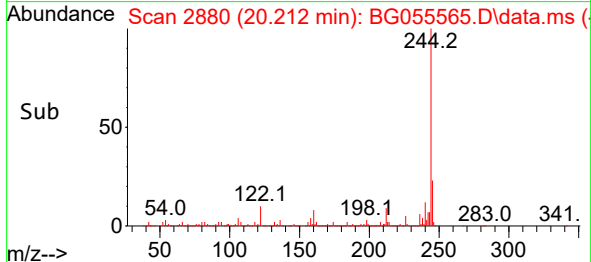
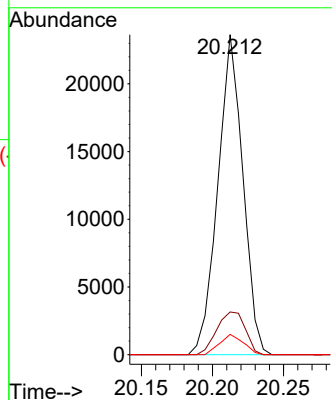
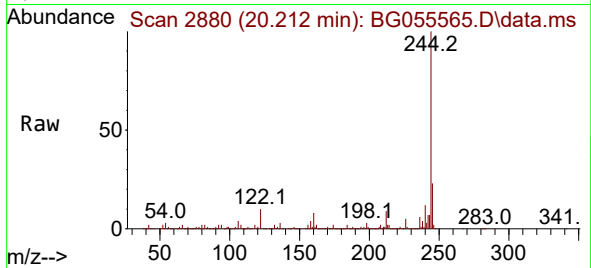




#77
Benzidine
Concen: 3.223 ng
RT: 20.212 min Scan# 2880
Delta R.T. 0.379 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

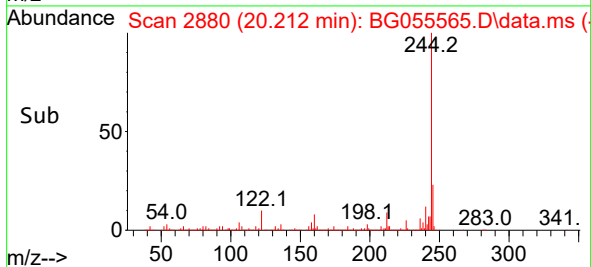
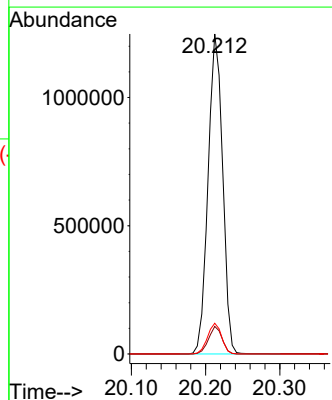
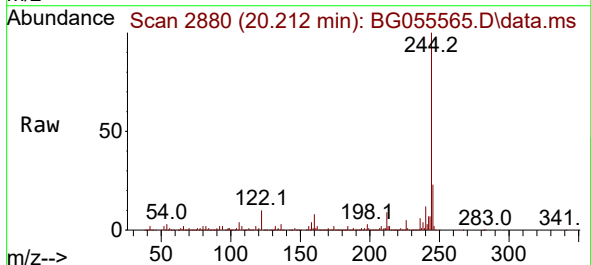
Instrument :
BNA_G
ClientSampleId :
SB-28B

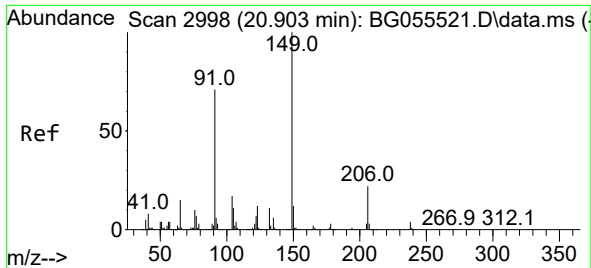
Tgt Ion:184 Resp: 28906
Ion Ratio Lower Upper
184 100
185 13.4 12.0 18.0
183 6.4 10.2 15.2#



#79
Terphenyl-d14
Concen: 103.171 ng
RT: 20.212 min Scan# 2880
Delta R.T. -0.003 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

Tgt Ion:244 Resp: 1702940
Ion Ratio Lower Upper
244 100
212 8.6 6.5 9.7
122 9.6 7.7 11.5

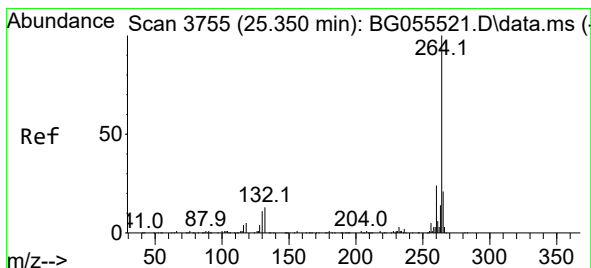
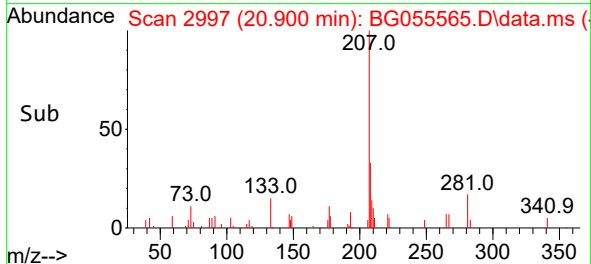
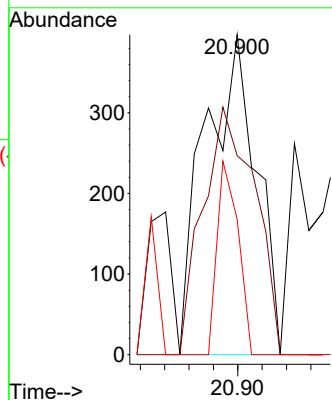
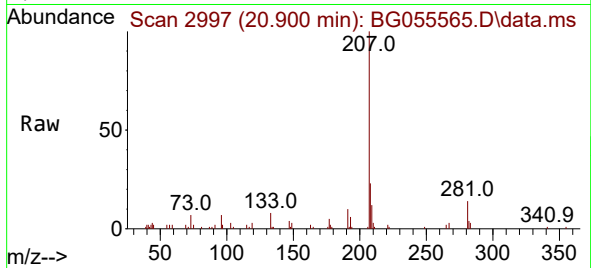




#80
Butylbenzylphthalate
Concen: 3.428 ng
RT: 20.900 min Scan# 2998
Delta R.T. -0.003 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

Instrument :
BNA_G
ClientSampleId :
SB-28B

Tgt Ion:149 Resp: 583
Ion Ratio Lower Upper
149 100
91 62.2 56.8 85.2
206 42.3 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.336 min Scan# 3752
Delta R.T. -0.014 min
Lab File: BG055565.D
Acq: 11 Nov 2022 13:39

Tgt Ion:264 Resp: 345240
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.6 17.1 25.7

