

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055580.D
 Acq On : 12 Nov 2022 00:26
 Operator : CG/JU
 Sample : N5509-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7

Quant Time: Nov 12 01:28:05 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

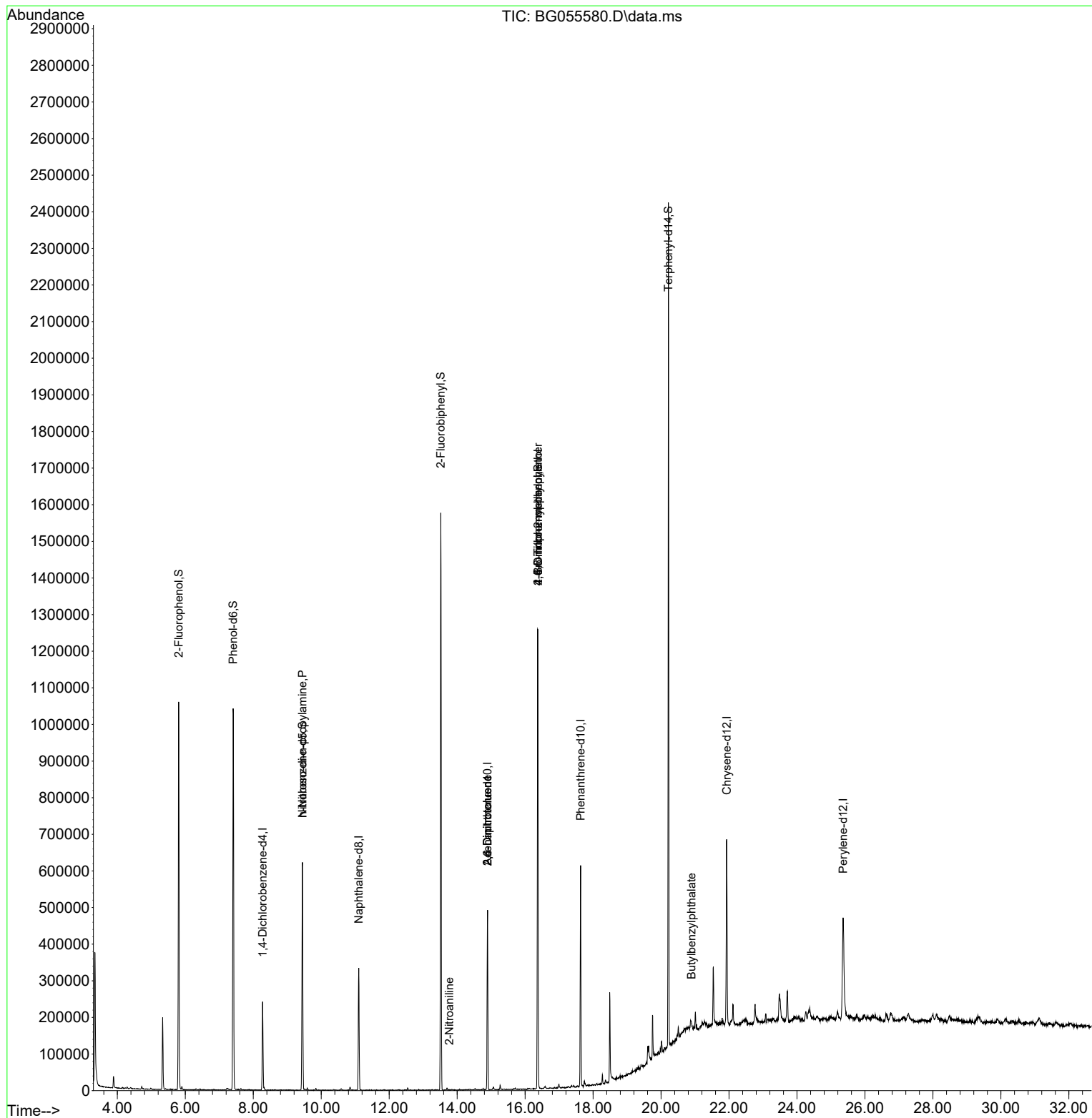
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.277	152	68254	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	273363	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	180662	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	376764	20.000	ng	0.00
76) Chrysene-d12	21.932	240	336864	20.000	ng	0.00
86) Perylene-d12	25.357	264	365345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.804	112	447785	124.961	ng	0.01
7) Phenol-d6	7.408	99	584322	118.048	ng	0.00
23) Nitrobenzene-d5	9.446	82	370799	91.955	ng	0.00
42) 2,4,6-Tribromophenol	16.374	330	259575	147.258	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	821974	68.629	ng	0.00
79) Terphenyl-d14	20.216	244	1113884	66.416	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.446	70	50206	12.273	ng	# 76
48) 2-Nitroaniline	13.765	65	53	3.805	ng	# 8
51) 2,6-Dinitrotoluene	14.893	165	23336	12.187	ng	# 21
57) 2,4-Dinitrotoluene	14.893	165	23336	10.391	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.374	198	773	2.745	ng	# 81
67) 4-Bromophenyl-phenylether	16.374	248	17258	4.490	ng	# 1
80) Butylbenzylphthalate	20.898	149	1039	3.476	ng	# 76

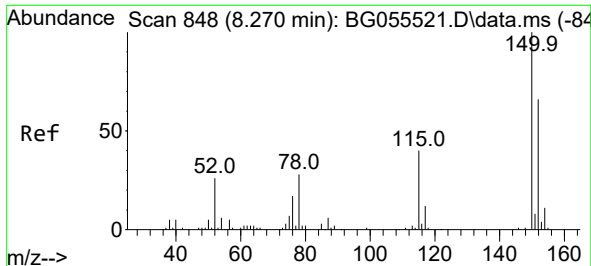
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055580.D
Acq On : 12 Nov 2022 00:26
Operator : CG/JU
Sample : N5509-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-7

Quant Time: Nov 12 01:28:05 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

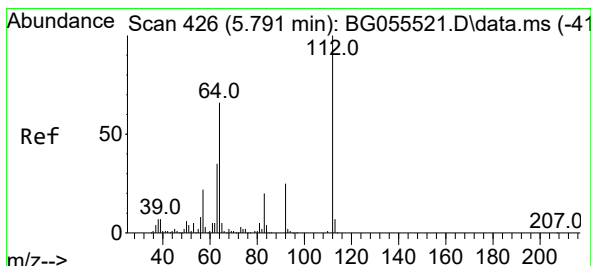
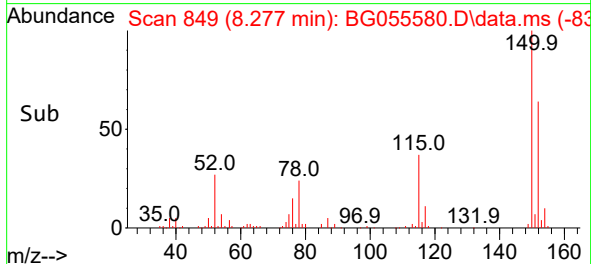
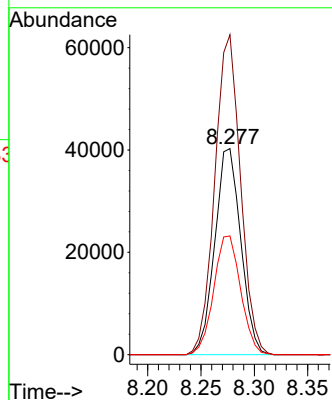
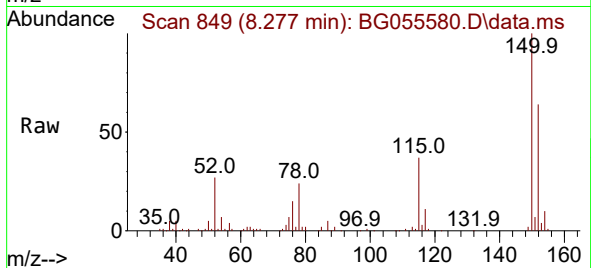




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.277 min Scan# 84
Delta R.T. 0.007 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

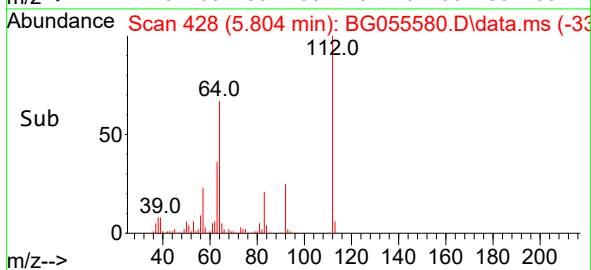
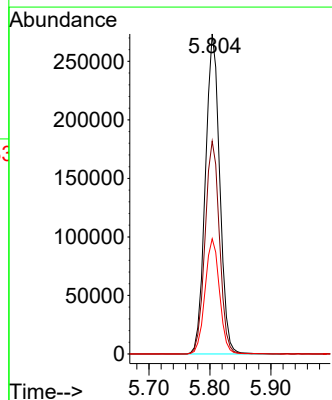
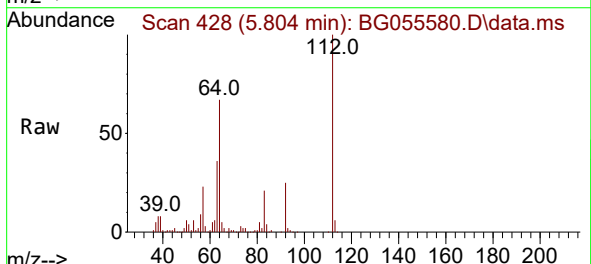
Instrument :
BNA_G
ClientSampleId :
TP-7

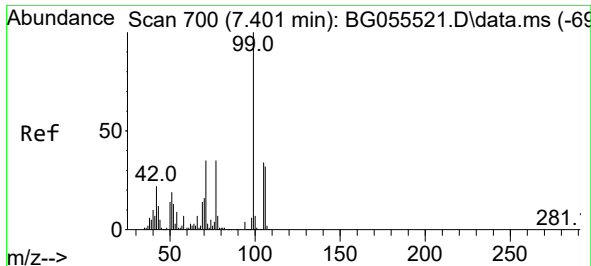
Tgt Ion:152 Resp: 68254
Ion Ratio Lower Upper
152 100
150 155.3 121.0 181.4
115 57.6 47.8 71.8



#5
2-Fluorophenol
Concen: 124.961 ng
RT: 5.804 min Scan# 428
Delta R.T. 0.013 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

Tgt Ion:112 Resp: 447785
Ion Ratio Lower Upper
112 100
64 66.5 52.6 78.8
63 36.0 28.3 42.5





#7

Phenol-d6

Concen: 118.048 ng

RT: 7.408 min Scan# 70

Delta R.T. 0.007 min

Lab File: BG055580.D

Acq: 12 Nov 2022 00:26

Instrument :

BNA_G

ClientSampleId :

TP-7

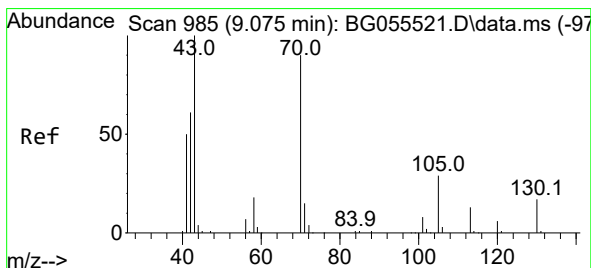
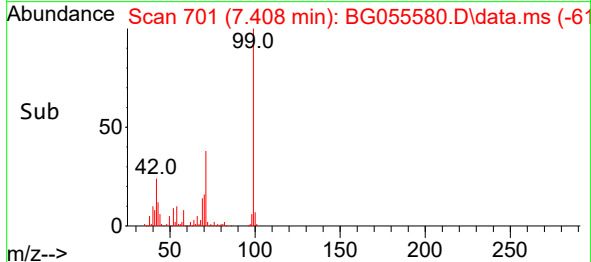
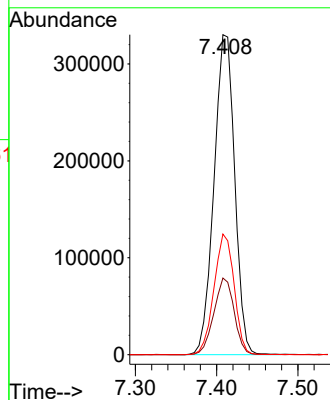
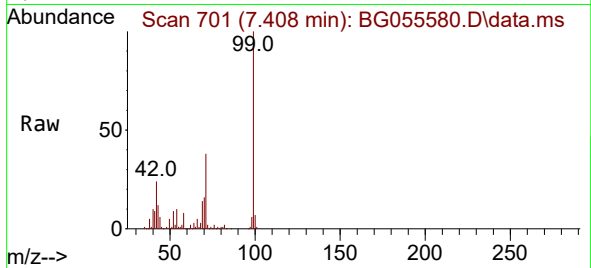
Tgt Ion: 99 Resp: 584322

Ion Ratio Lower Upper

99 100

42 24.0 17.5 26.3

71 37.7 28.3 42.5



#19

n-Nitroso-di-n-propylamine

Concen: 12.273 ng

RT: 9.446 min Scan# 1048

Delta R.T. 0.371 min

Lab File: BG055580.D

Acq: 12 Nov 2022 00:26

Tgt Ion: 70 Resp: 50206

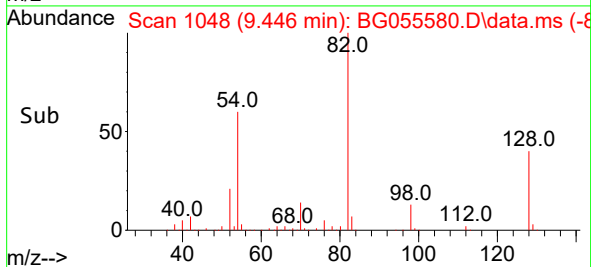
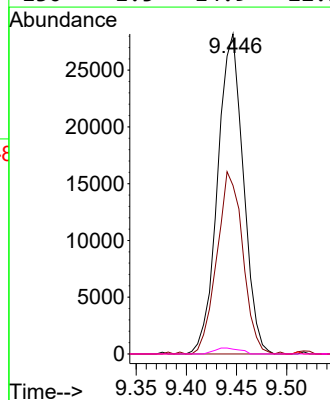
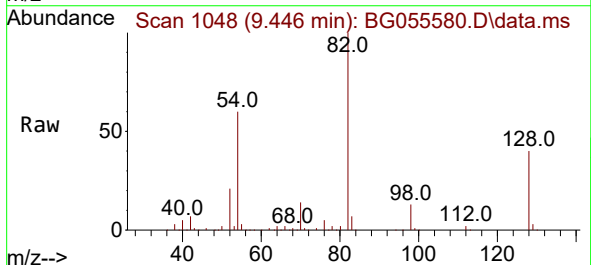
Ion Ratio Lower Upper

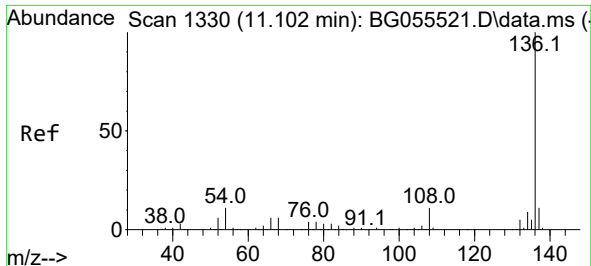
70 100

42 52.7 54.8 82.2#

101 0.0 6.8 10.2#

130 1.5 14.9 22.3#

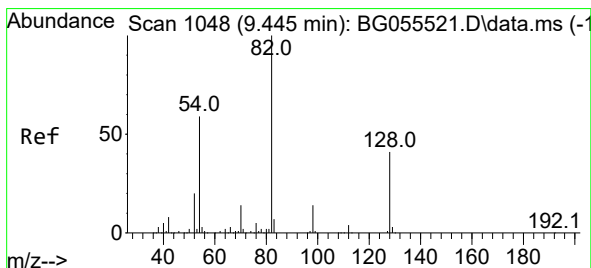
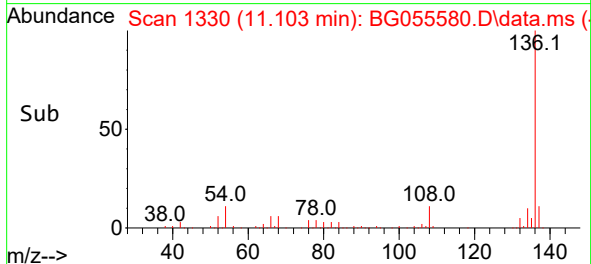
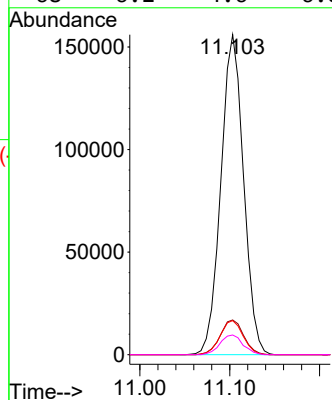
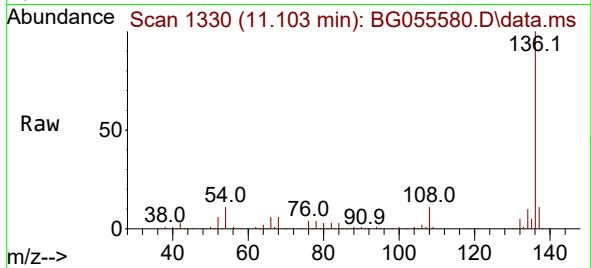




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

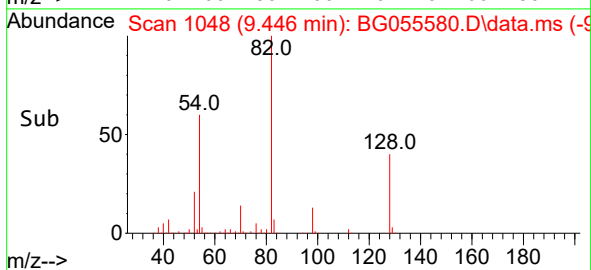
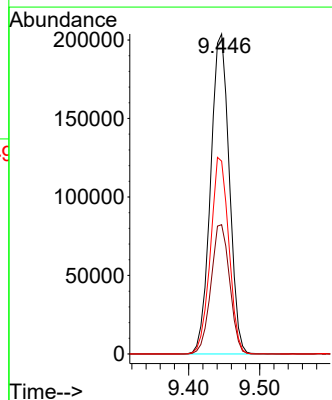
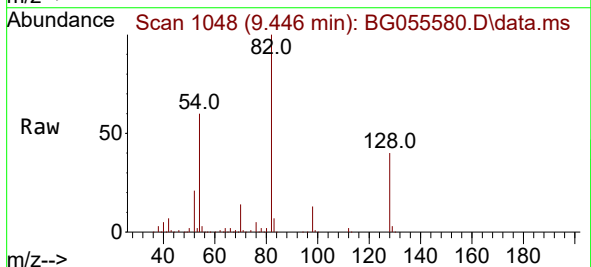
Instrument :
BNA_G
ClientSampleId :
TP-7

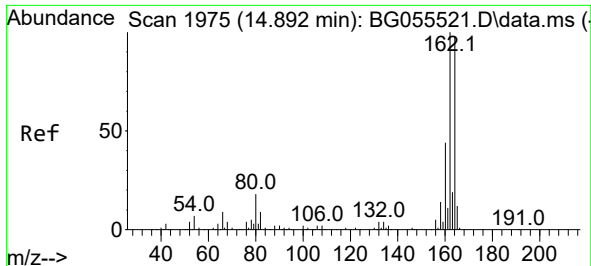
Tgt Ion:136 Resp: 273363
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.6 8.6 12.8
68 6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 91.955 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.001 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

Tgt Ion: 82 Resp: 370799
Ion Ratio Lower Upper
82 100
128 40.4 32.6 49.0
54 60.3 47.3 70.9

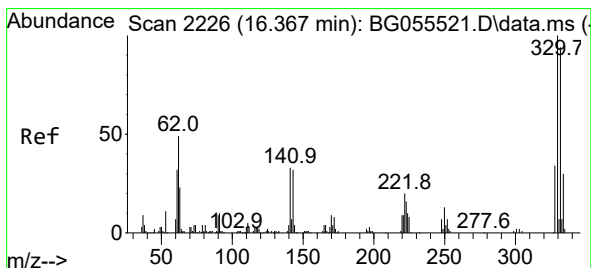
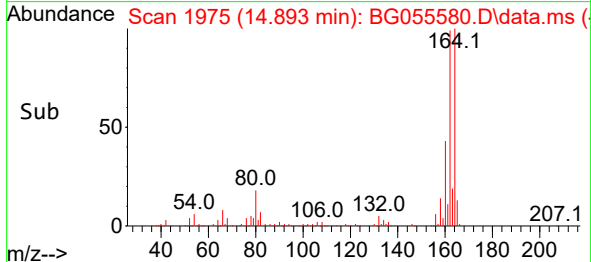
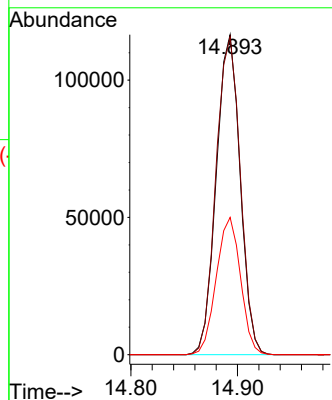
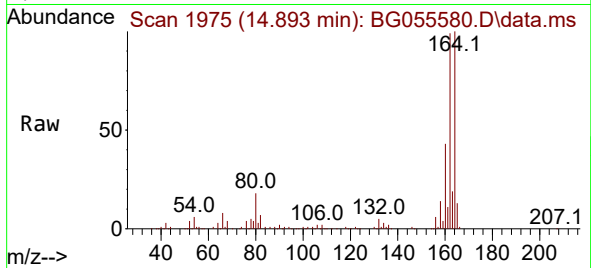




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.893 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

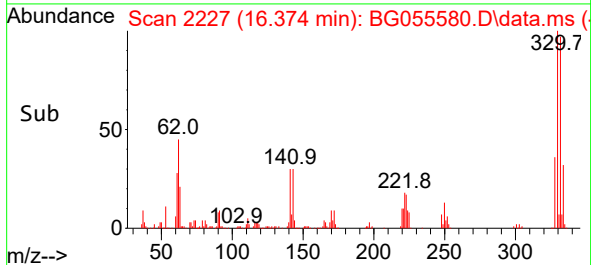
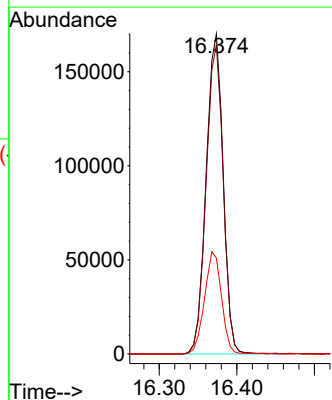
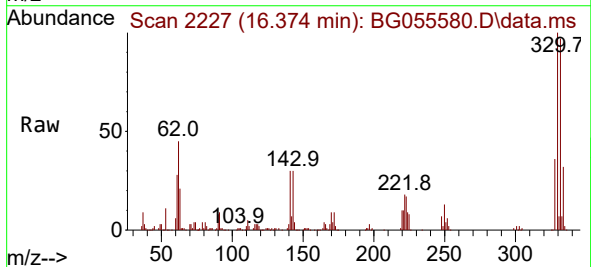
Instrument :
BNA_G
ClientSampleId :
TP-7

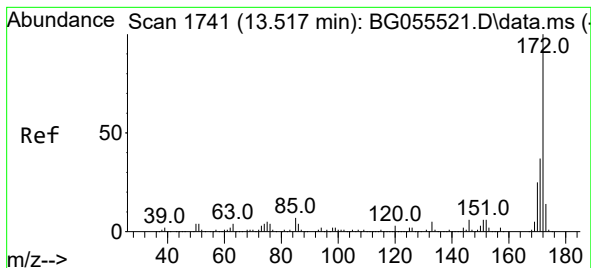
Tgt Ion:164 Resp: 180662
Ion Ratio Lower Upper
164 100
162 99.3 81.3 121.9
160 42.9 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 147.258 ng
RT: 16.374 min Scan# 2227
Delta R.T. 0.007 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

Tgt Ion:330 Resp: 259575
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 32.0 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 68.629 ng

RT: 13.518 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG055580.D

Acq: 12 Nov 2022 00:26

Instrument :

BNA_G

ClientSampleId :

TP-7

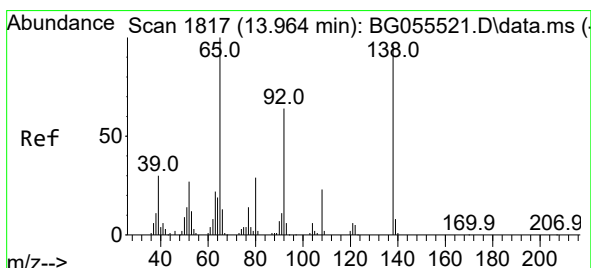
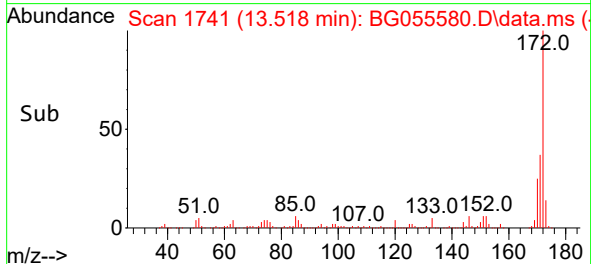
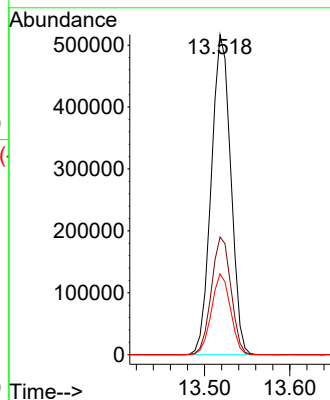
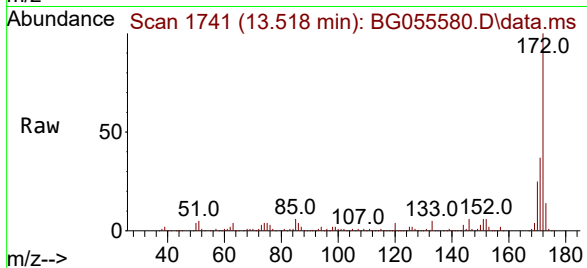
Tgt Ion:172 Resp: 821974

Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

170 25.3 19.8 29.6



#48

2-Nitroaniline

Concen: 3.805 ng

RT: 13.765 min Scan# 1783

Delta R.T. -0.199 min

Lab File: BG055580.D

Acq: 12 Nov 2022 00:26

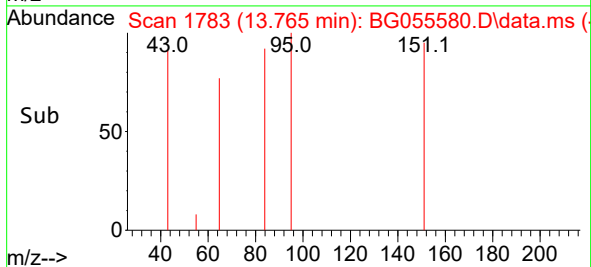
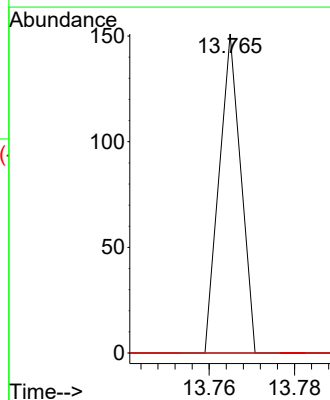
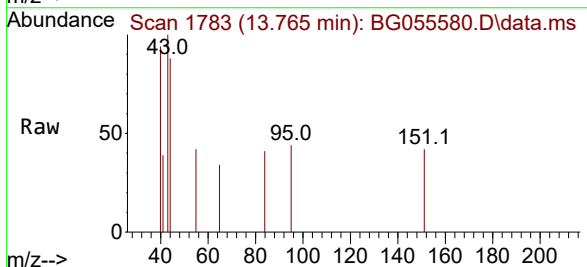
Tgt Ion: 65 Resp: 53

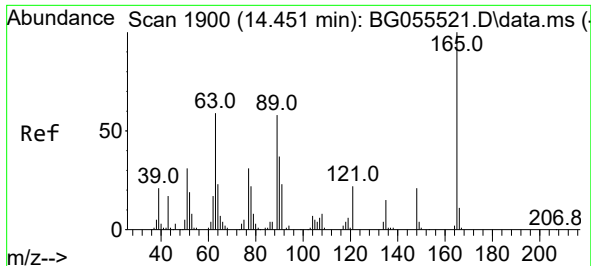
Ion Ratio Lower Upper

65 100

92 0.0 51.6 77.4#

138 0.0 77.0 115.4#

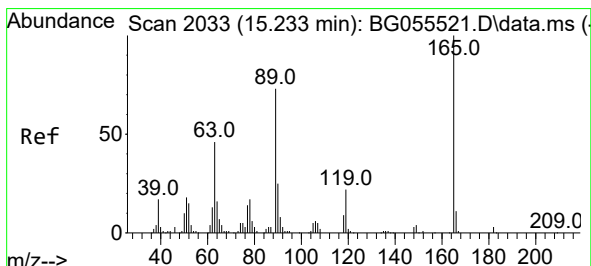
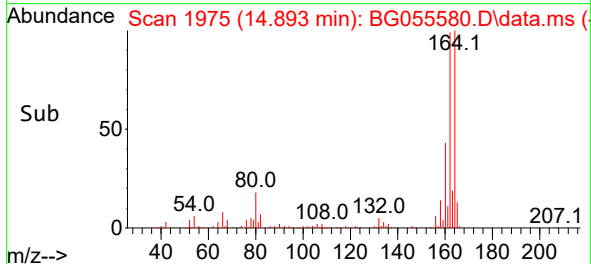
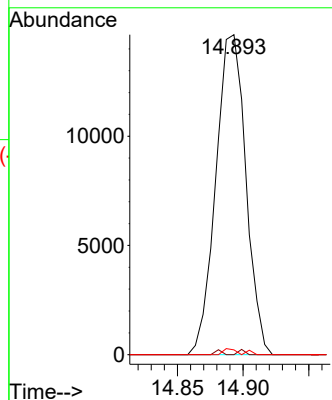
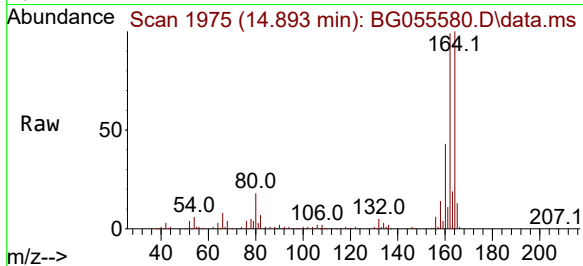




#51
2,6-Dinitrotoluene
Concen: 12.187 ng
RT: 14.893 min Scan# 1900
Delta R.T. 0.442 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

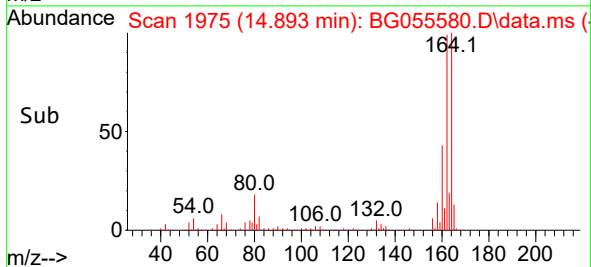
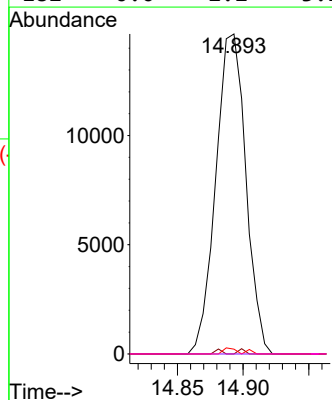
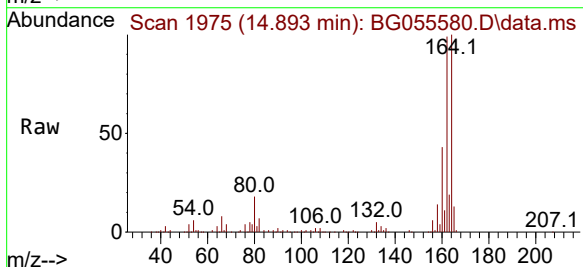
Instrument :
BNA_G
ClientSampleId :
TP-7

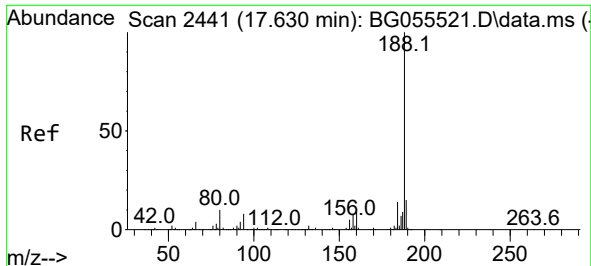
Tgt Ion:165 Resp: 23336
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.5 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.391 ng
RT: 14.893 min Scan# 1975
Delta R.T. -0.340 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

Tgt Ion:165 Resp: 23336
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 1.5 58.6 87.8#
182 0.0 2.2 3.2#

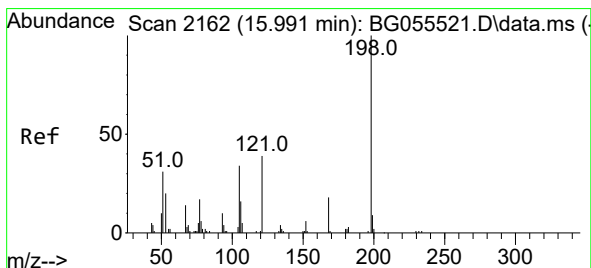
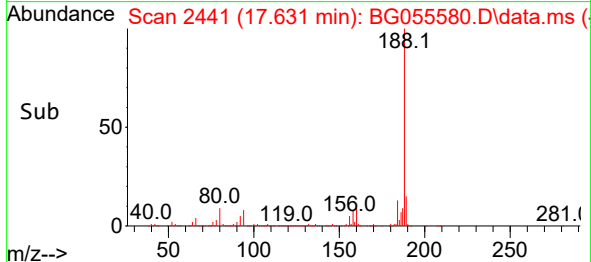
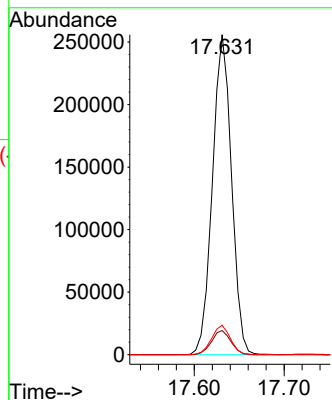
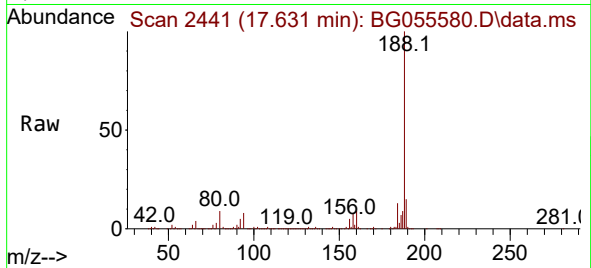




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.631 min Scan# 2441
Delta R.T. 0.001 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

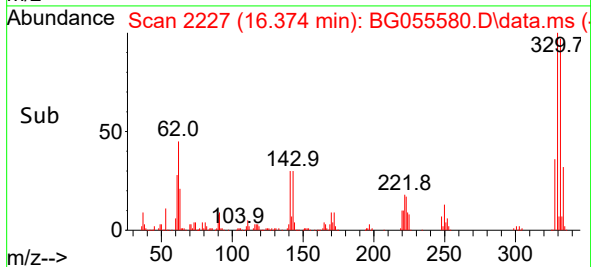
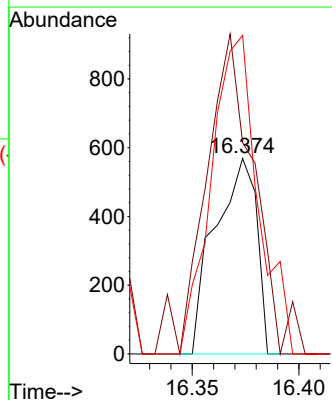
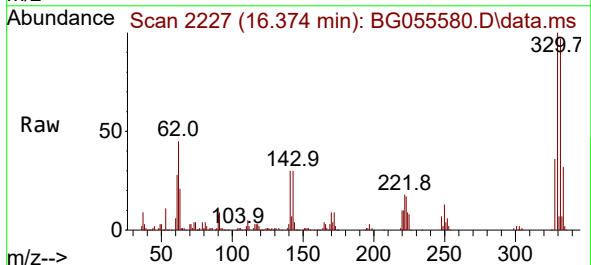
Instrument :
BNA_G
ClientSampleId :
TP-7

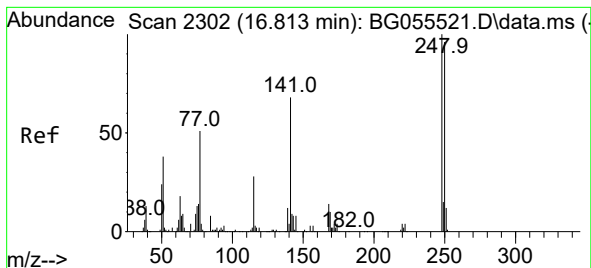
Tgt Ion:188 Resp: 376764
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 9.2 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.745 ng
RT: 16.374 min Scan# 2227
Delta R.T. 0.383 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

Tgt Ion:198 Resp: 773
Ion Ratio Lower Upper
198 100
51 23.7 24.7 64.7#
105 35.7 17.6 57.6

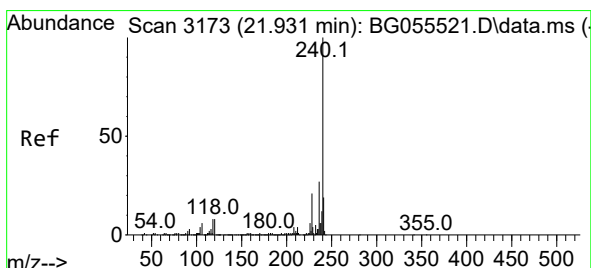
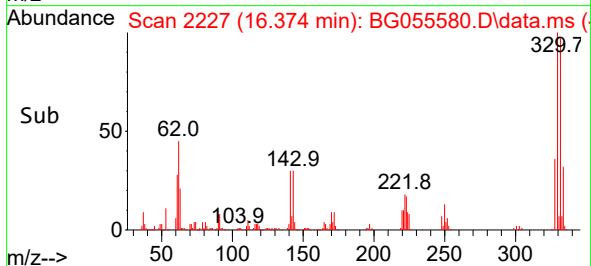
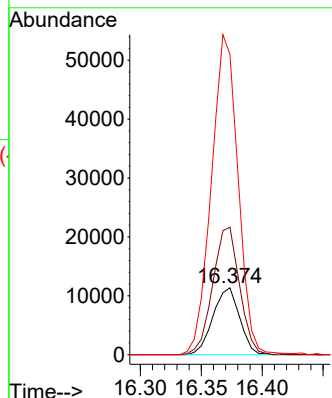
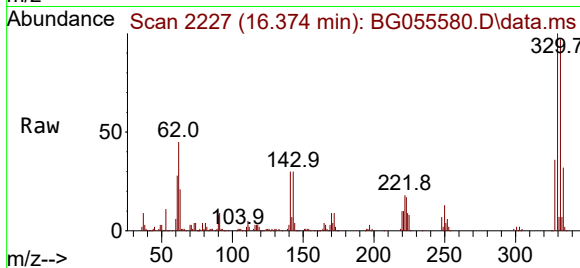




#67
4-Bromophenyl-phenylether
Concen: 4.490 ng
RT: 16.374 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

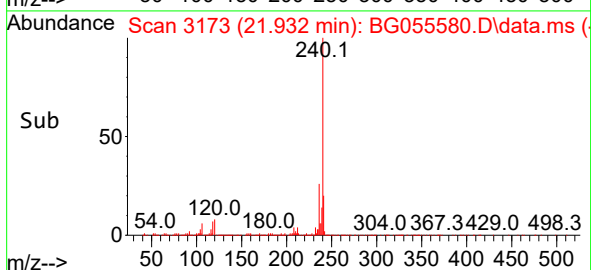
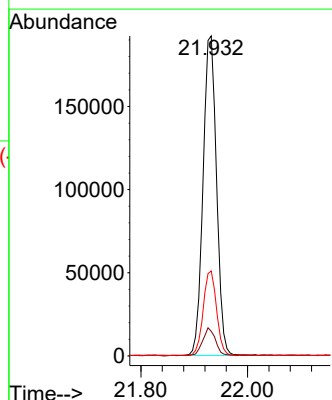
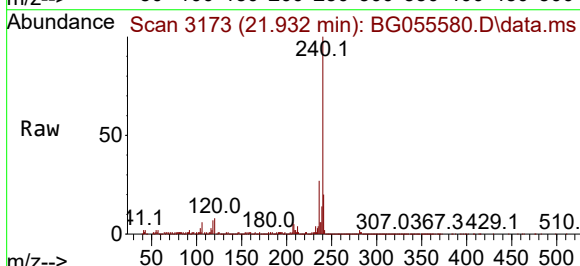
Instrument :
BNA_G
ClientSampleId :
TP-7

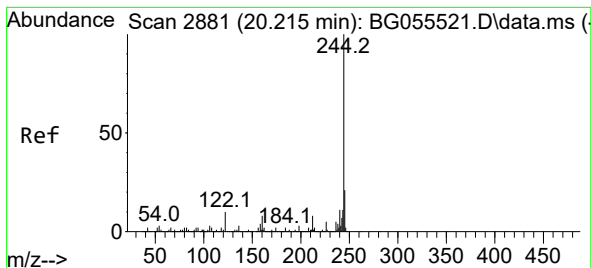
Tgt Ion:248 Resp: 17258
Ion Ratio Lower Upper
248 100
250 190.8 76.9 115.3#
141 449.3 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.932 min Scan# 3173
Delta R.T. 0.001 min
Lab File: BG055580.D
Acq: 12 Nov 2022 00:26

Tgt Ion:240 Resp: 336864
Ion Ratio Lower Upper
240 100
120 7.7 6.1 9.1
236 26.6 21.4 32.0





#79

Terphenyl-d14

Concen: 66.416 ng

RT: 20.216 min Scan# 2

Delta R.T. 0.001 min

Lab File: BG055580.D

Acq: 12 Nov 2022 00:26

Instrument :

BNA_G

ClientSampleId :

TP-7

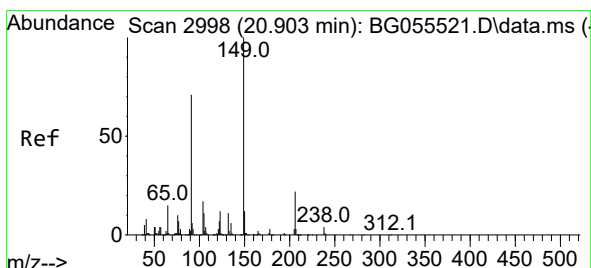
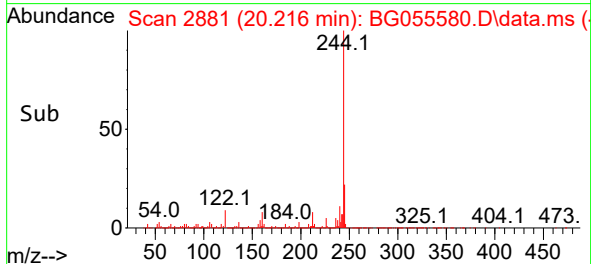
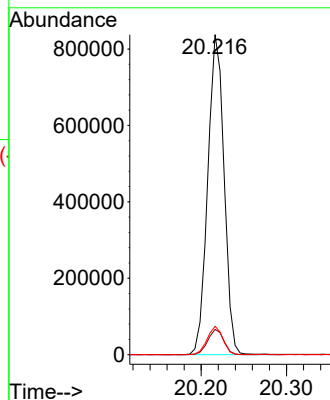
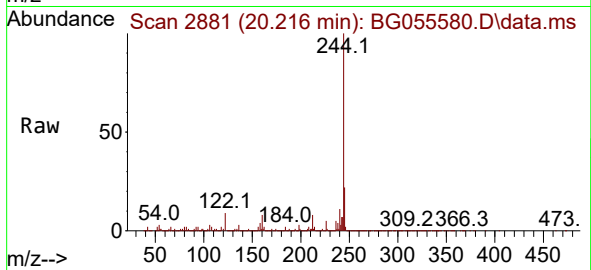
Tgt Ion:244 Resp: 1113884

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 8.8 7.7 11.5



#80

Butylbenzylphthalate

Concen: 3.476 ng

RT: 20.898 min Scan# 2997

Delta R.T. -0.005 min

Lab File: BG055580.D

Acq: 12 Nov 2022 00:26

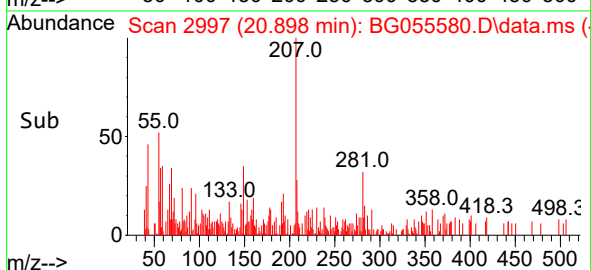
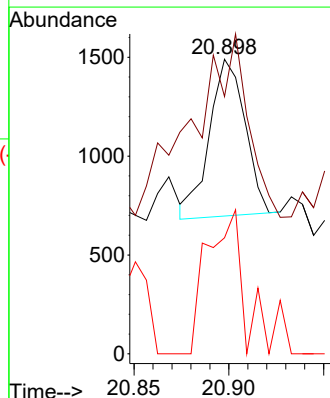
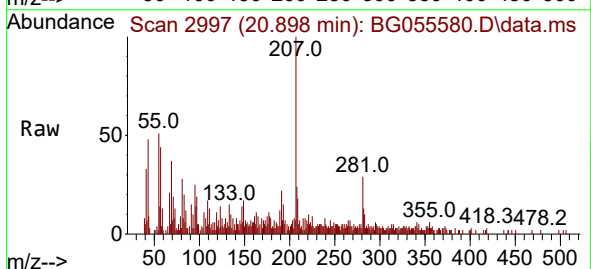
Tgt Ion:149 Resp: 1039

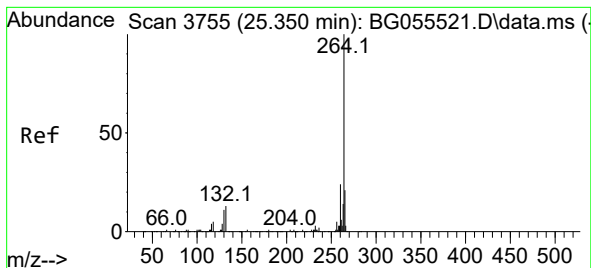
Ion Ratio Lower Upper

149 100

91 87.4 56.8 85.2#

206 39.4 17.3 25.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.357 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG055580.D

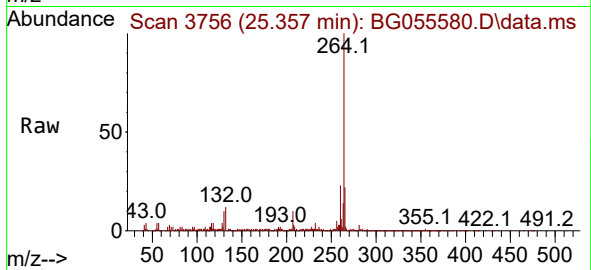
Acq: 12 Nov 2022 00:26

Instrument :

BNA_G

ClientSampleId :

TP-7



Tgt Ion:264 Resp: 365345

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.2

265 22.2 17.1 25.7

