

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055546.D
 Acq On : 10 Nov 2022 19:34
 Operator : CG/JU
 Sample : N5491-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Nov 11 02:02:07 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)

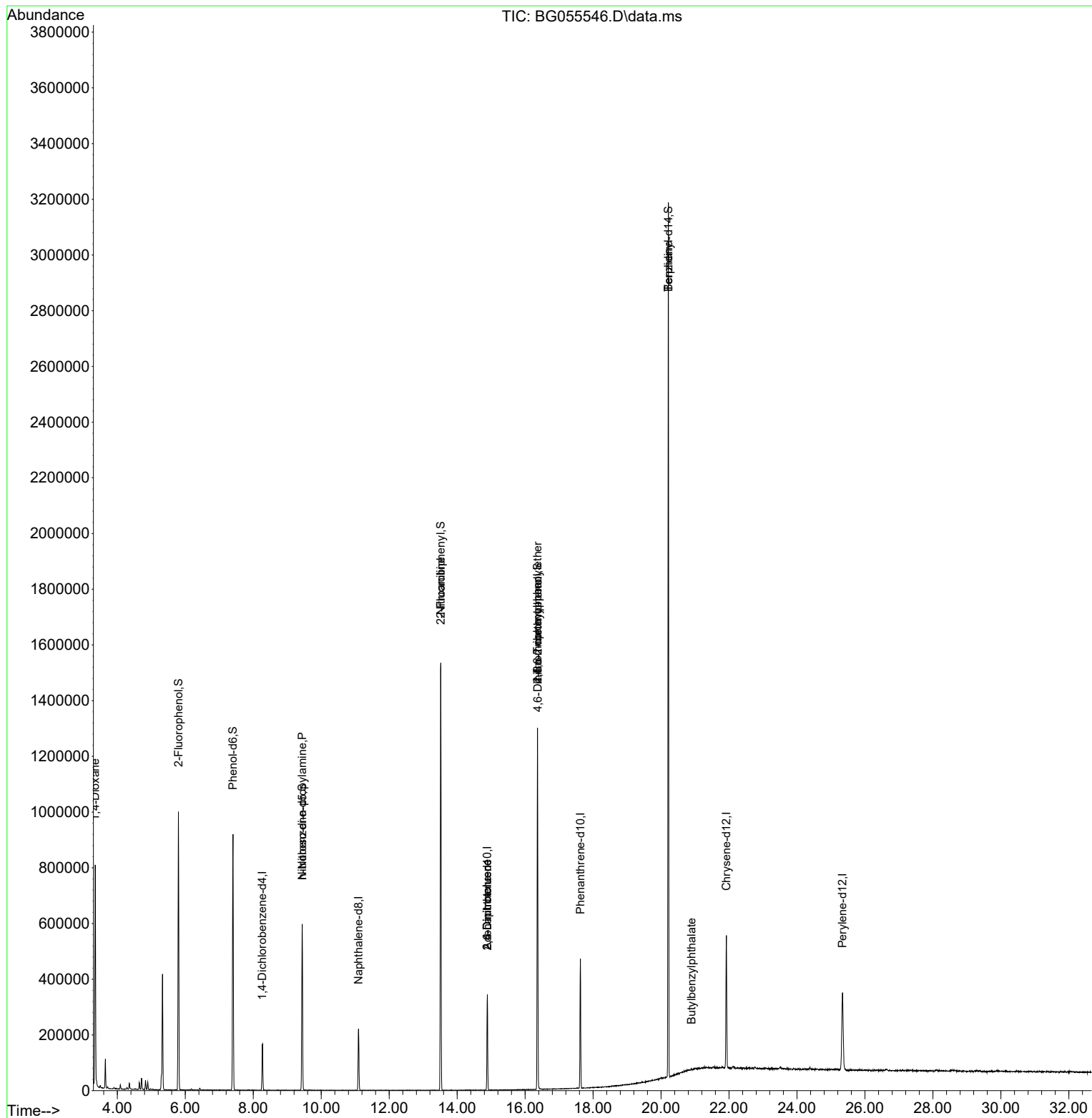
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.267	152	47628	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	184221	20.000	ng	# 0.00
39) Acenaphthene-d10	14.888	164	121028	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	289894	20.000	ng	0.00
76) Chrysene-d12	21.921	240	304587	20.000	ng	# 0.00
86) Perylene-d12	25.341	264	314199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	406642	162.623	ng	0.00
7) Phenol-d6	7.403	99	491620	142.332	ng	0.00
23) Nitrobenzene-d5	9.442	82	342586	126.069	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	243940	206.576	ng	0.00
45) 2-Fluorobiphenyl	13.519	172	812348	101.245	ng	0.00
79) Terphenyl-d14	20.217	244	1506770	99.362	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.349	88	6003	4.726	ng	# 1
19) n-Nitroso-di-n-propyla...	9.442	70	46880	16.423	ng	# 78
48) 2-Nitroaniline	13.513	65	1570	4.608	ng	# 1
51) 2,6-Dinitrotoluene	14.888	165	15647	12.196	ng	# 22
57) 2,4-Dinitrotoluene	14.888	165	15647	10.397	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.369	198	797	3.036	ng	# 1
67) 4-Bromophenyl-phenylether	16.363	248	16338	5.524	ng	# 1
77) Benzidine	20.217	184	26642	3.233	ng	# 90
80) Butylbenzylphthalate	20.893	149	339	3.405	ng	# 66

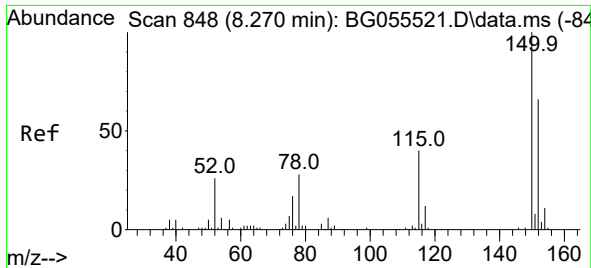
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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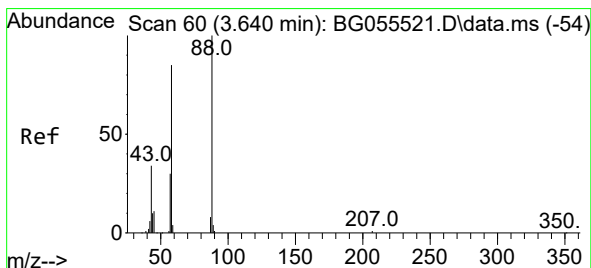
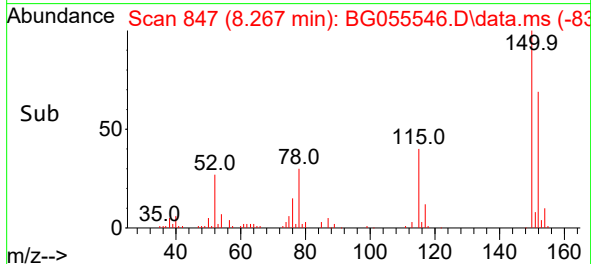
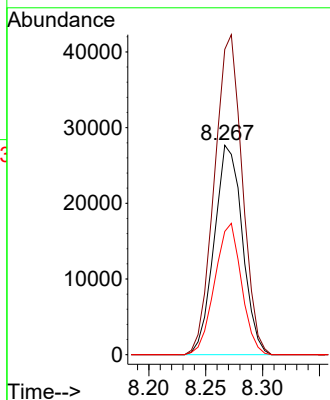
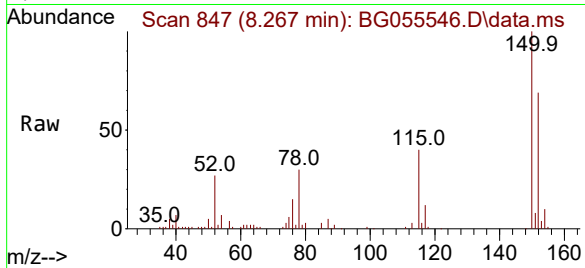




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.267 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG055546.D
 Acq: 10 Nov 2022 19:34

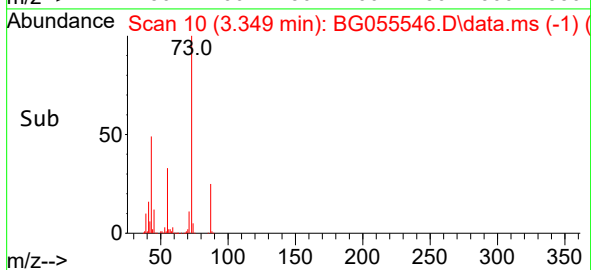
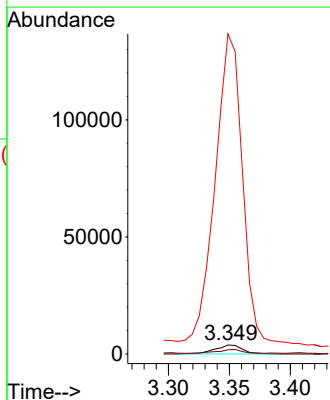
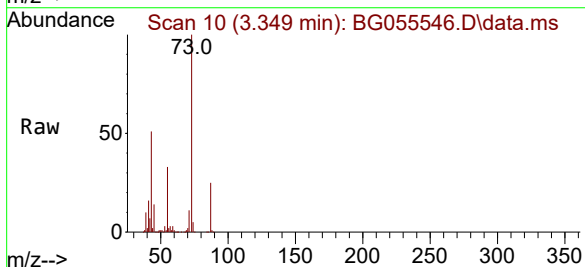
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

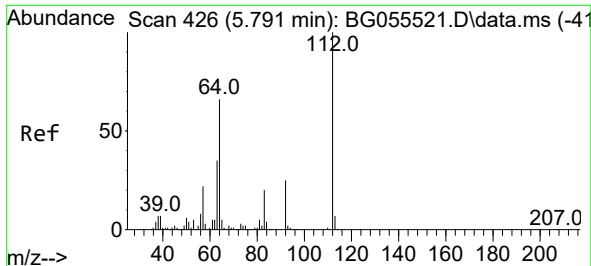
Tgt Ion:152 Resp: 47628
 Ion Ratio Lower Upper
 152 100
 150 145.8 121.0 181.4
 115 58.9 47.8 71.8



#2
 1,4-Dioxane
 Concen: 4.726 ng
 RT: 3.349 min Scan# 10
 Delta R.T. -0.291 min
 Lab File: BG055546.D
 Acq: 10 Nov 2022 19:34

Tgt Ion: 88 Resp: 6003
 Ion Ratio Lower Upper
 88 100
 58 44.0 68.9 103.3#
 43 3593.4 27.1 40.7#

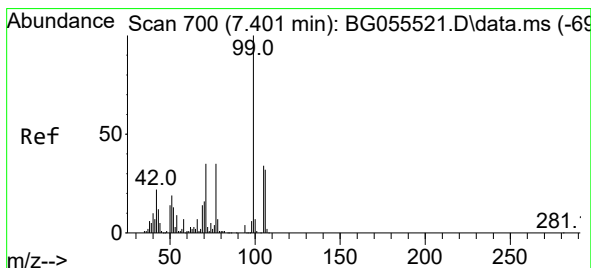
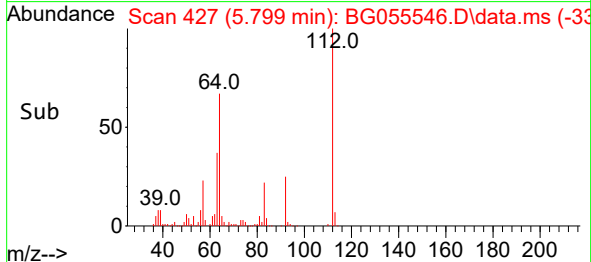
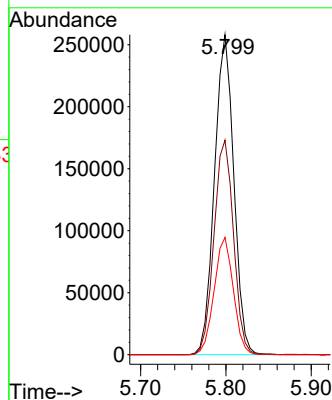
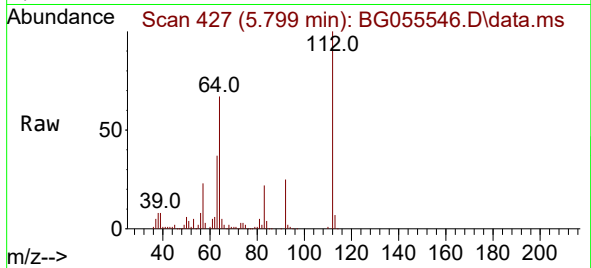




#5
2-Fluorophenol
Concen: 162.623 ng
RT: 5.799 min Scan# 41
Delta R.T. 0.008 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

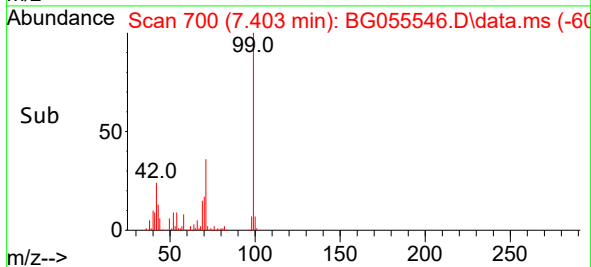
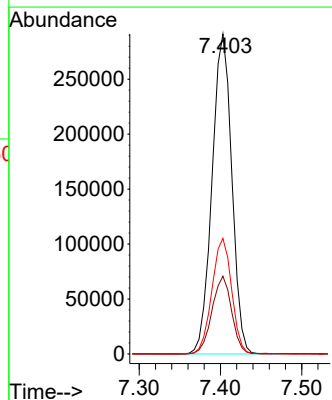
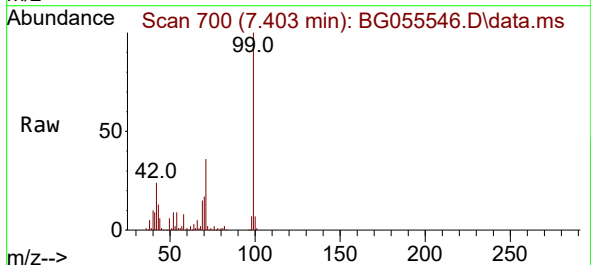
Instrument :
BNA_G
ClientSampleId :
TP-3

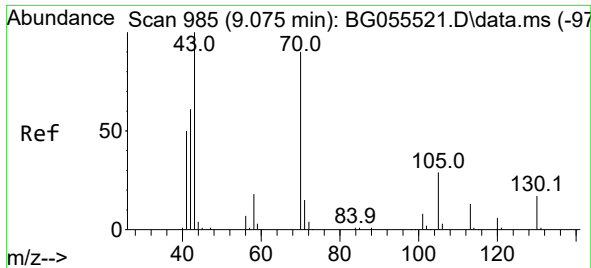
Tgt Ion:112 Resp: 406642
Ion Ratio Lower Upper
112 100
64 67.0 52.6 78.8
63 36.6 28.3 42.5



#7
Phenol-d6
Concen: 142.332 ng
RT: 7.403 min Scan# 700
Delta R.T. 0.002 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

Tgt Ion: 99 Resp: 491620
Ion Ratio Lower Upper
99 100
42 24.3 17.5 26.3
71 36.1 28.3 42.5

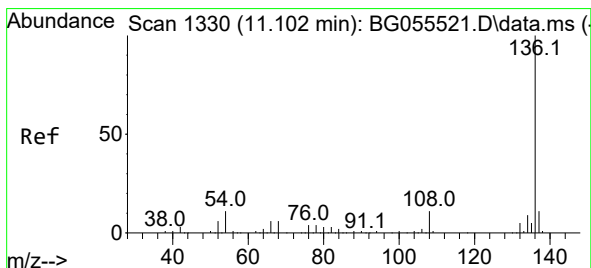
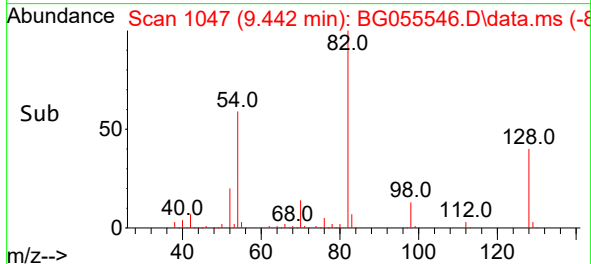
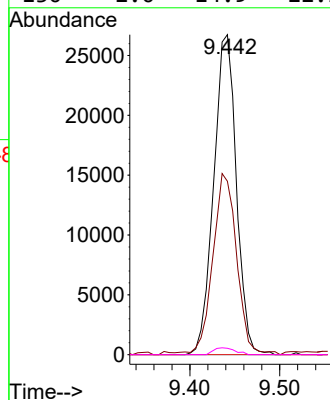
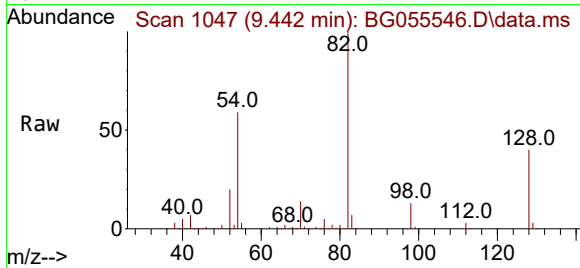




#19
n-Nitroso-di-n-propylamine
Concen: 16.423 ng
RT: 9.442 min Scan# 1047
Delta R.T. 0.367 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

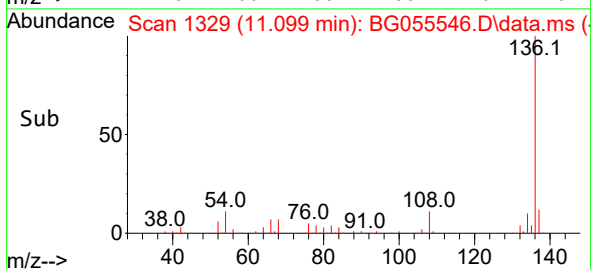
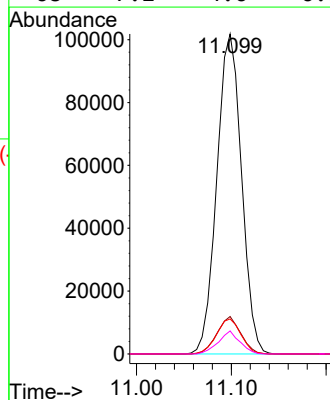
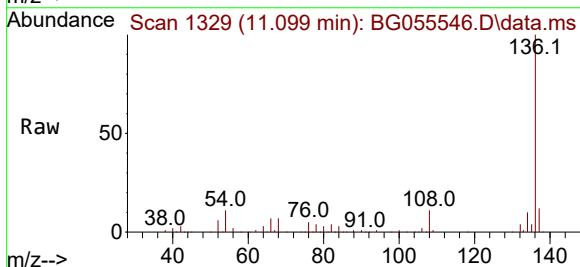
Instrument :
BNA_G
ClientSampleId :
TP-3

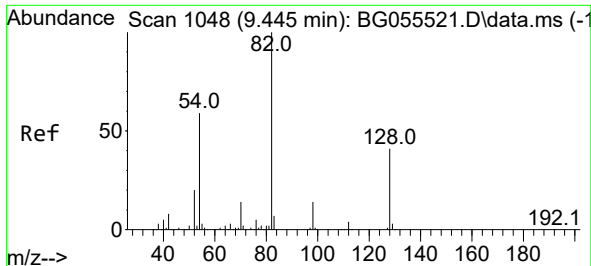
Tgt Ion: 70 Resp: 46880
Ion Ratio Lower Upper
70 100
42 54.2 54.8 82.2#
101 0.0 6.8 10.2#
130 2.0 14.9 22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

Tgt Ion: 136 Resp: 184221
Ion Ratio Lower Upper
136 100
137 11.7 8.6 12.8
54 10.9 8.6 12.8
68 7.2 4.6 6.8#

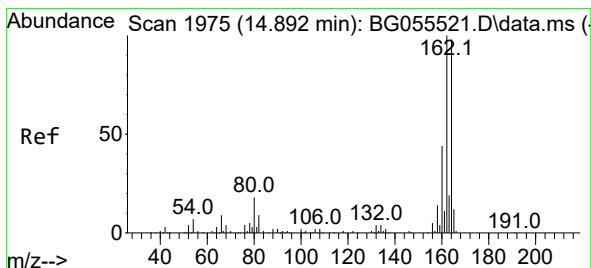
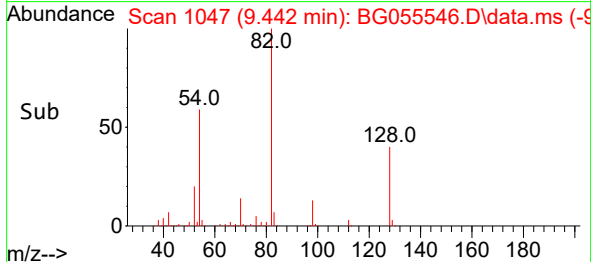
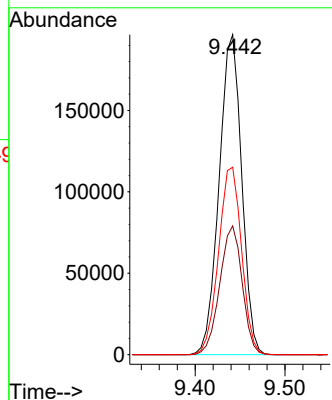
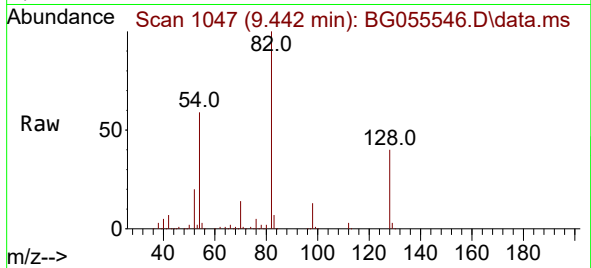




#23
Nitrobenzene-d5
Concen: 126.069 ng
RT: 9.442 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

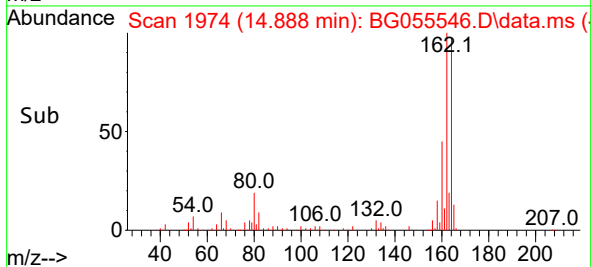
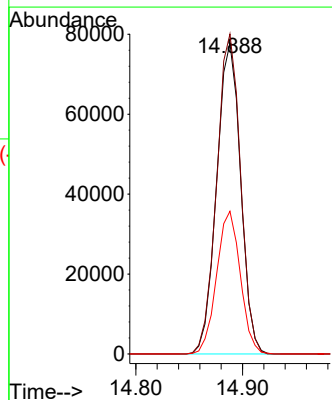
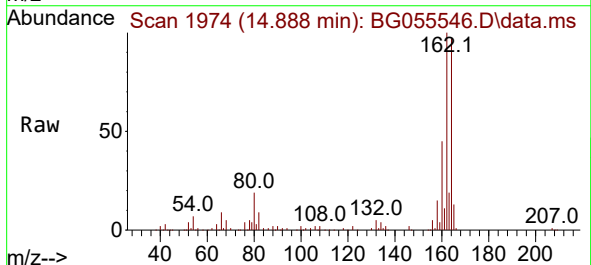
Instrument :
BNA_G
ClientSampleId :
TP-3

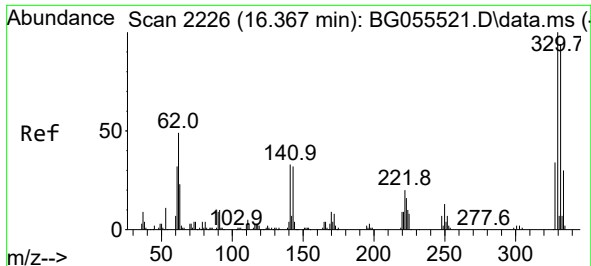
Tgt Ion: 82 Resp: 342586
Ion Ratio Lower Upper
82 100
128 40.2 32.6 49.0
54 58.6 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.888 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

Tgt Ion:164 Resp: 121028
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 45.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 206.576 ng

RT: 16.363 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG055546.D

Acq: 10 Nov 2022 19:34

Instrument :

BNA_G

ClientSampleId :

TP-3

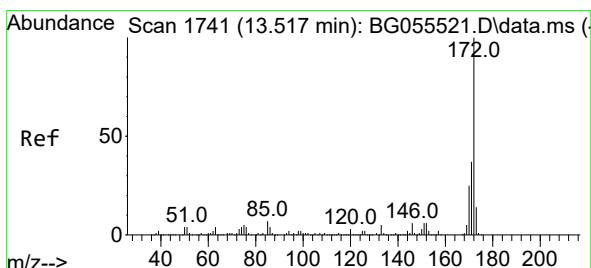
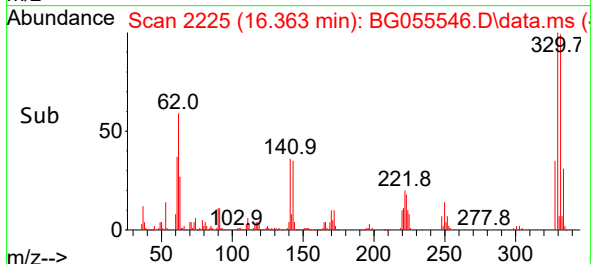
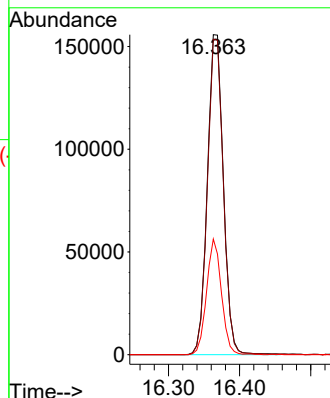
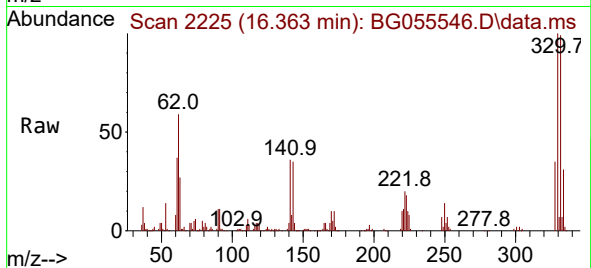
Tgt Ion:330 Resp: 243940

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

141 33.7 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 101.245 ng

RT: 13.519 min Scan# 1741

Delta R.T. 0.002 min

Lab File: BG055546.D

Acq: 10 Nov 2022 19:34

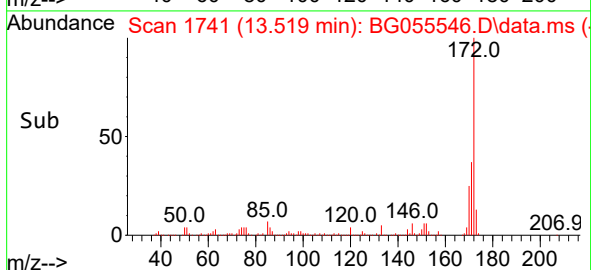
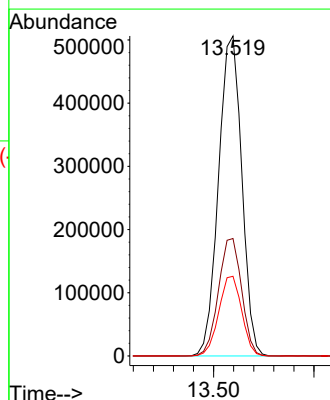
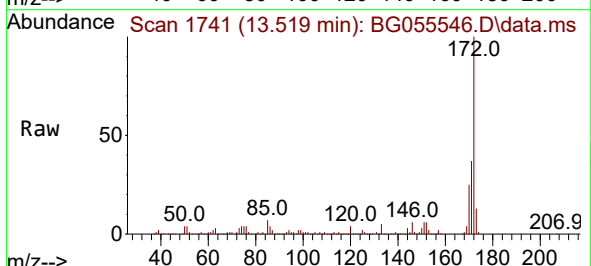
Tgt Ion:172 Resp: 812348

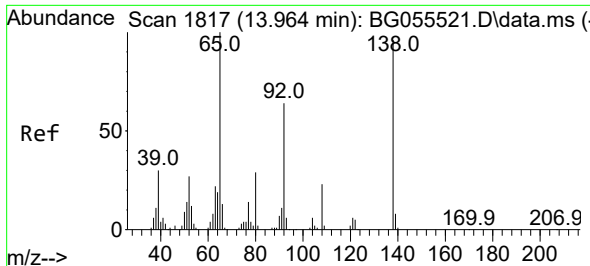
Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

170 24.9 19.8 29.6

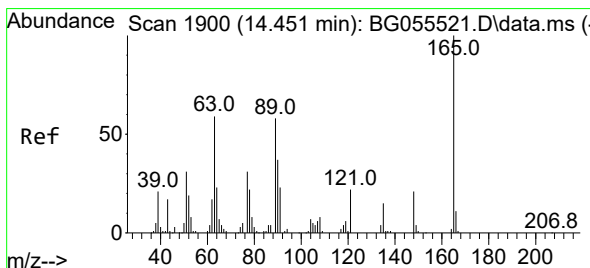
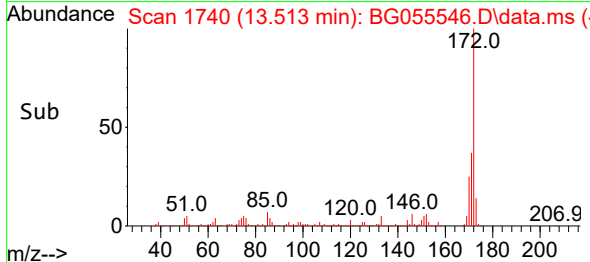
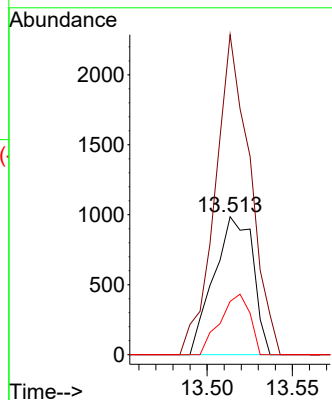
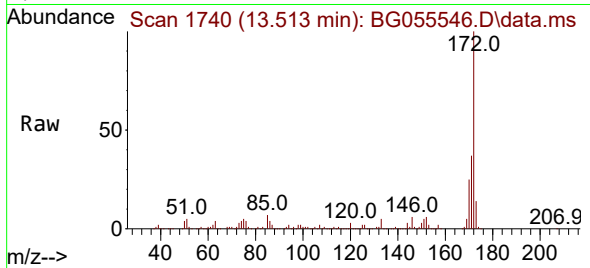




#48
2-Nitroaniline
Concen: 4.608 ng
RT: 13.513 min Scan# 1
Delta R.T. -0.451 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

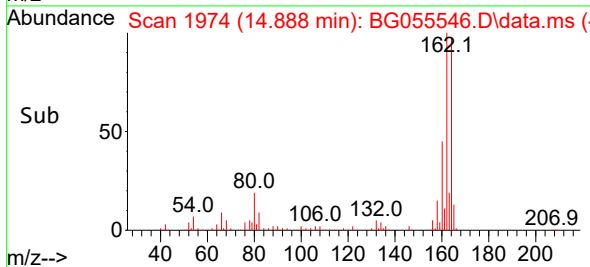
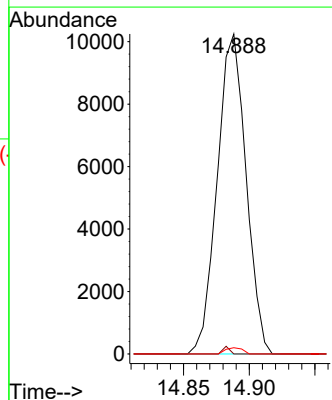
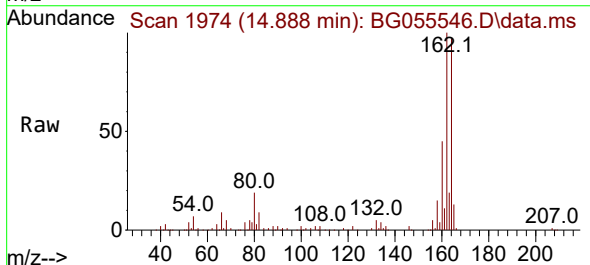
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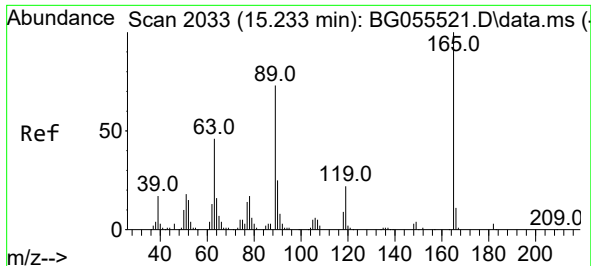
Tgt Ion: 65 Resp: 1570
Ion Ratio Lower Upper
65 100
92 232.2 51.6 77.4#
138 38.6 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.196 ng
RT: 14.888 min Scan# 1974
Delta R.T. 0.437 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

Tgt Ion:165 Resp: 15647
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 2.0 46.5 69.7#





#57

2,4-Dinitrotoluene

Concen: 10.397 ng

RT: 14.888 min Scan# 1974

Delta R.T. -0.345 min

Lab File: BG055546.D

Acq: 10 Nov 2022 19:34

Instrument :

BNA_G

ClientSampleId :

TP-3

Tgt Ion:165 Resp: 15647

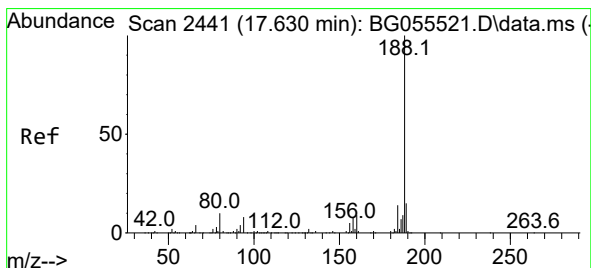
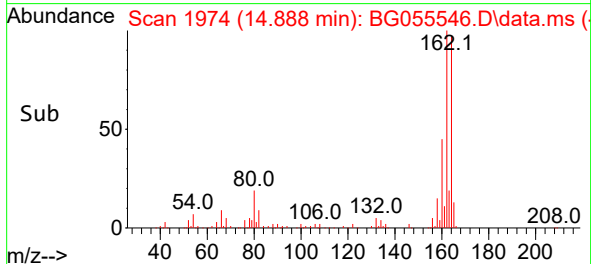
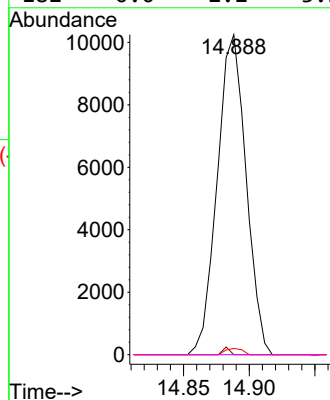
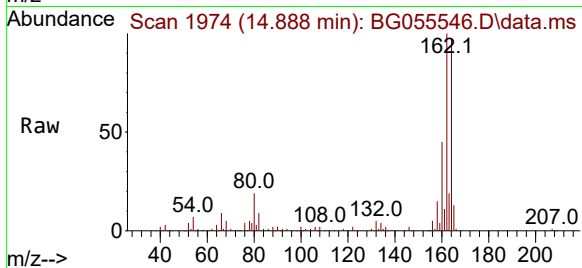
Ion Ratio Lower Upper

165 100

63 0.0 37.0 55.4#

89 2.0 58.6 87.8#

182 0.0 2.2 3.2#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.626 min Scan# 2440

Delta R.T. -0.004 min

Lab File: BG055546.D

Acq: 10 Nov 2022 19:34

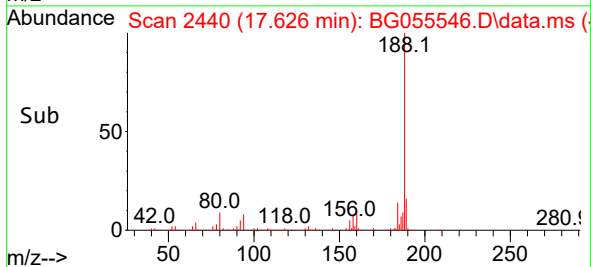
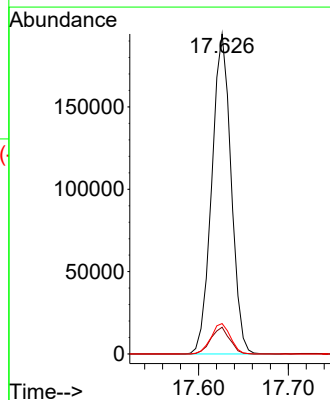
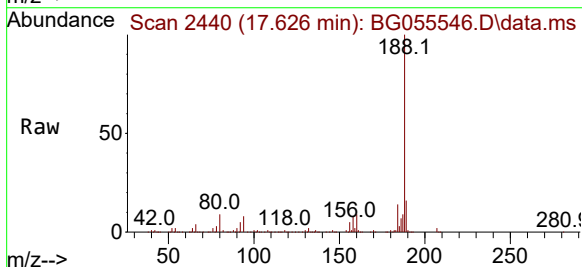
Tgt Ion:188 Resp: 289894

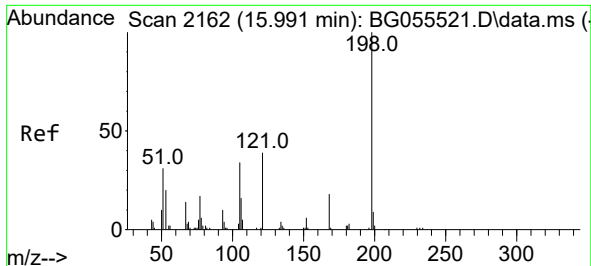
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.5 7.6 11.4

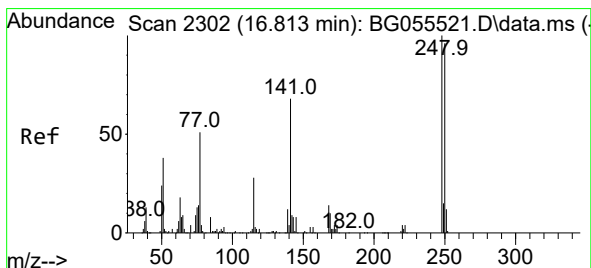
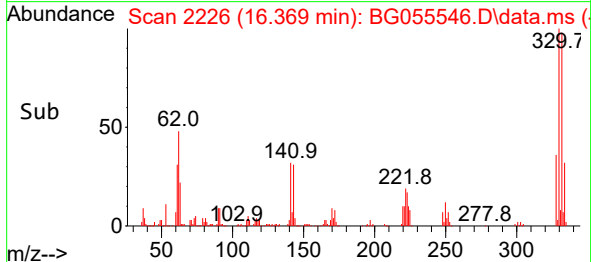
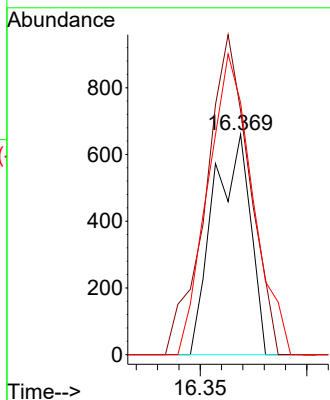
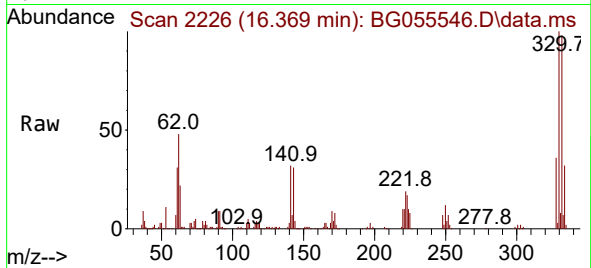




#65
4,6-Dinitro-2-methylphenol
Concen: 3.036 ng
RT: 16.369 min Scan# 2162
Delta R.T. 0.378 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

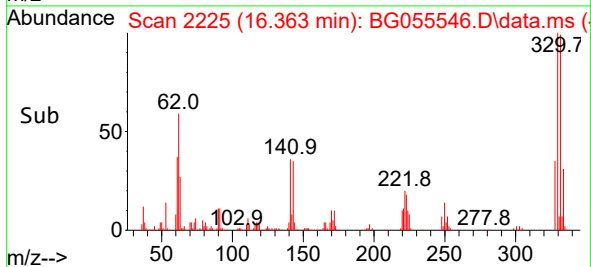
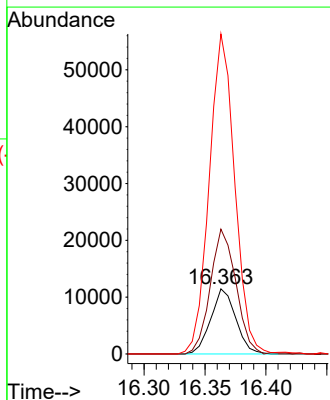
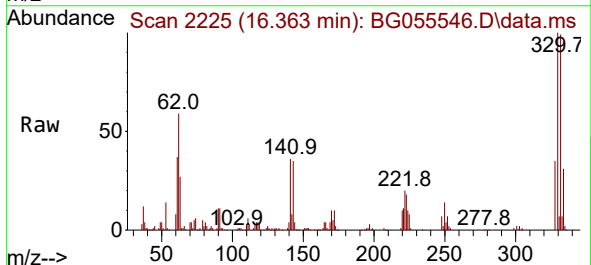
Instrument :
BNA_G
ClientSampleId :
TP-3

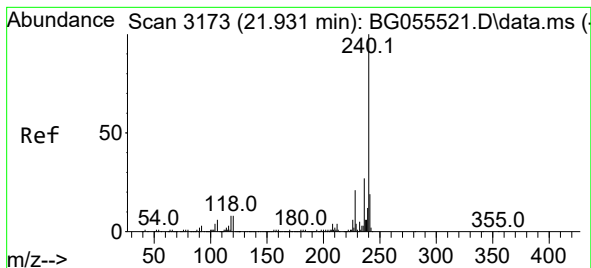
Tgt Ion:198 Resp: 797
Ion Ratio Lower Upper
198 100
51 110.8 24.7 64.7#
105 114.4 17.6 57.6#



#67
4-Bromophenyl-phenylether
Concen: 5.524 ng
RT: 16.363 min Scan# 2225
Delta R.T. -0.450 min
Lab File: BG055546.D
Acq: 10 Nov 2022 19:34

Tgt Ion:248 Resp: 16338
Ion Ratio Lower Upper
248 100
250 191.5 76.9 115.3#
141 491.2 54.3 81.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.921 min Scan# 3171

Delta R.T. -0.010 min

Lab File: BG055546.D

Acq: 10 Nov 2022 19:34

Instrument :

BNA_G

ClientSampleId :

TP-3

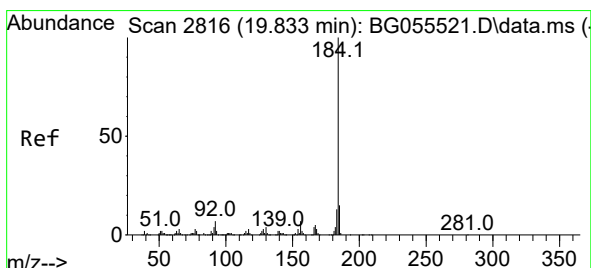
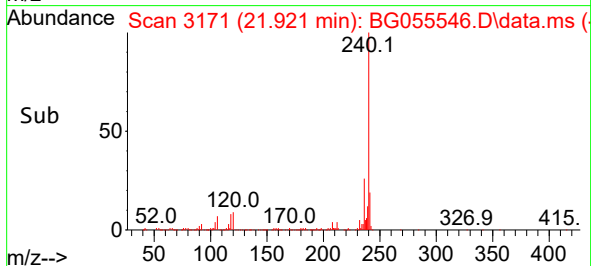
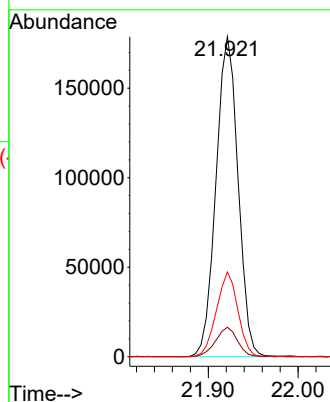
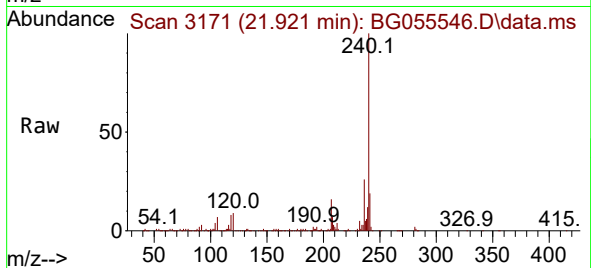
Tgt Ion:240 Resp: 304587

Ion Ratio Lower Upper

240 100

120 9.2 6.1 9.1#

236 26.5 21.4 32.0



#77

Benzidine

Concen: 3.233 ng

RT: 20.217 min Scan# 2881

Delta R.T. 0.384 min

Lab File: BG055546.D

Acq: 10 Nov 2022 19:34

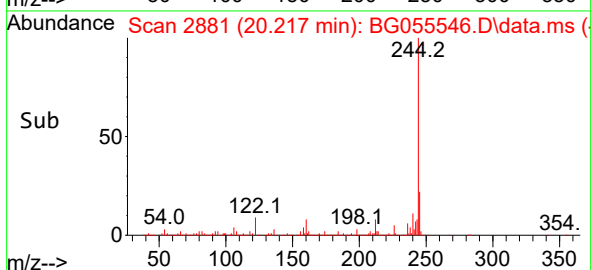
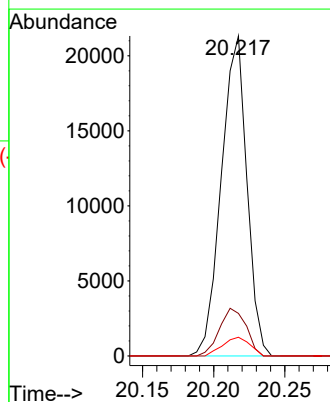
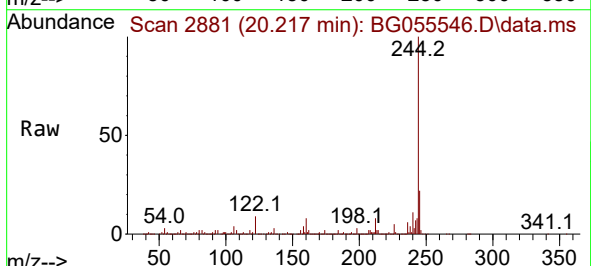
Tgt Ion:184 Resp: 26642

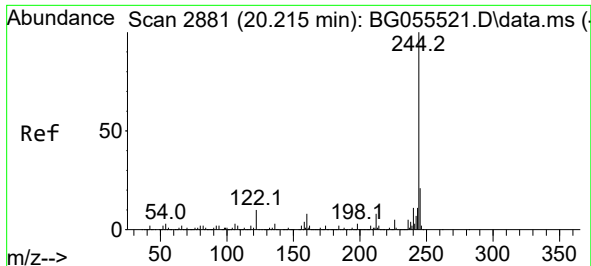
Ion Ratio Lower Upper

184 100

185 13.3 12.0 18.0

183 5.9 10.2 15.2#

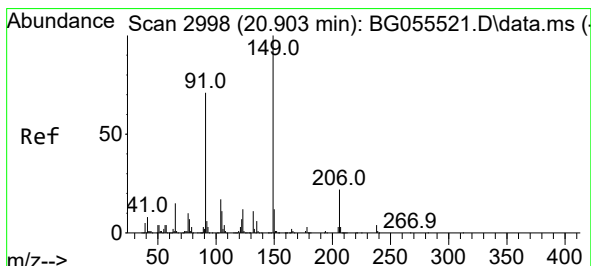
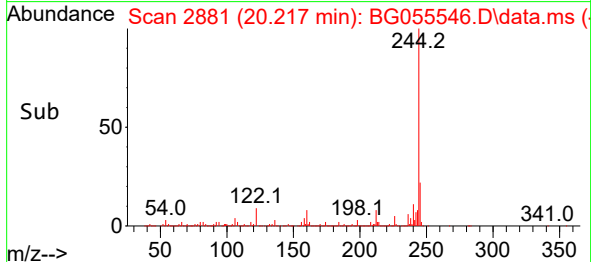
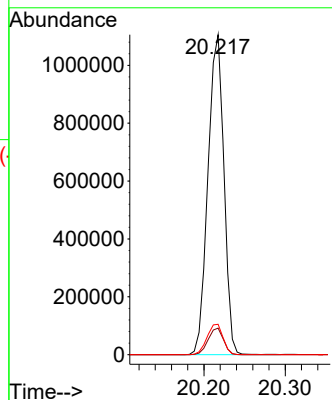
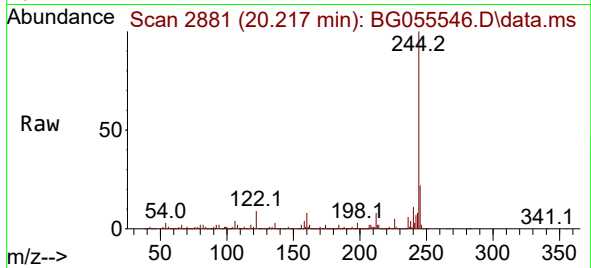




#79
 Terphenyl-d14
 Concen: 99.362 ng
 RT: 20.217 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG055546.D
 Acq: 10 Nov 2022 19:34

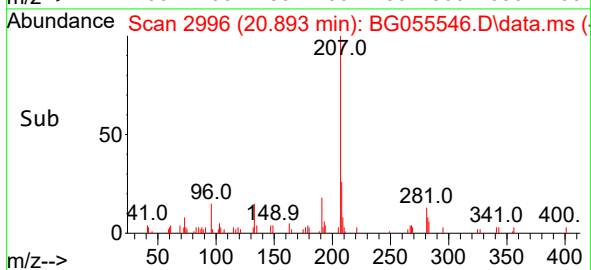
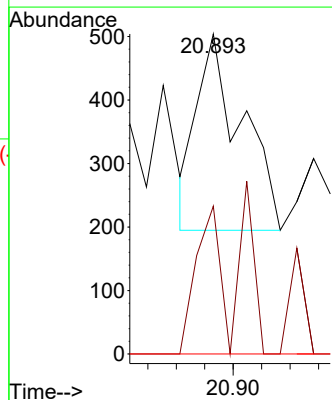
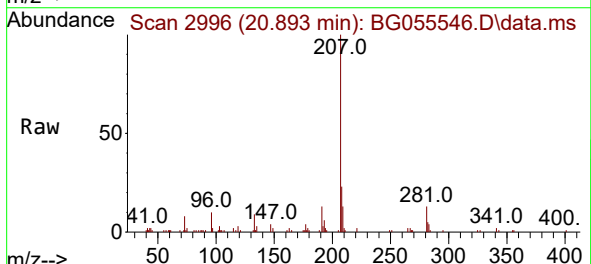
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

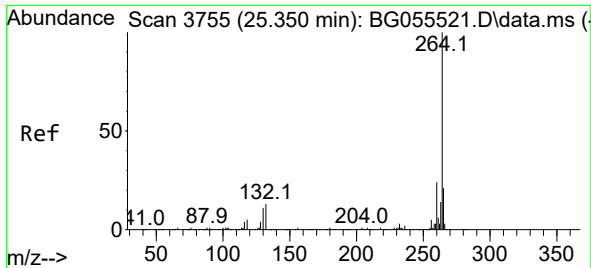
Tgt Ion:244 Resp: 1506770
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.405 ng
 RT: 20.893 min Scan# 2996
 Delta R.T. -0.010 min
 Lab File: BG055546.D
 Acq: 10 Nov 2022 19:34

Tgt Ion:149 Resp: 339
 Ion Ratio Lower Upper
 149 100
 91 46.2 56.8 85.2#
 206 0.0 17.3 25.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.341 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG055546.D

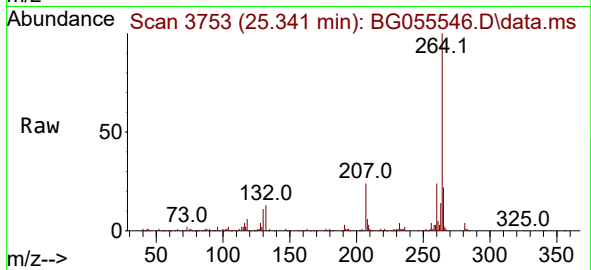
Acq: 10 Nov 2022 19:34

Instrument :

BNA_G

ClientSampleId :

TP-3



Tgt Ion:264 Resp: 314199

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.5 17.1 25.7

