

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055107.D
 Acq On : 7 Oct 2022 20:28
 Operator : CG/JU
 Sample : N5046-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-10

Quant Time: Oct 08 03:11:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

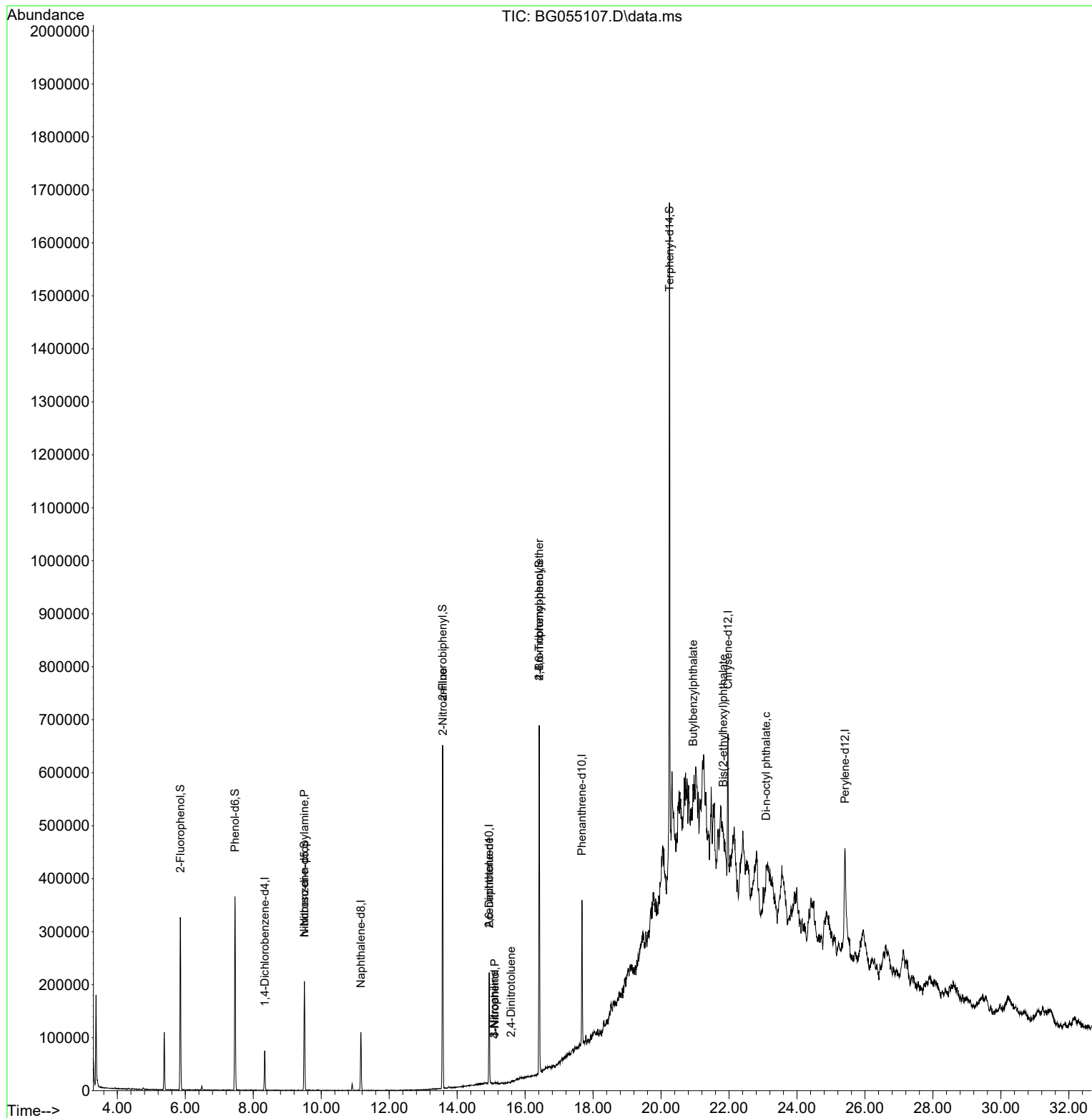
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	21479	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	91304	20.000	ng	# 0.00
39) Acenaphthene-d10	14.939	164	73316	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	170674	20.000	ng	0.00
76) Chrysene-d12	21.966	240	172406	20.000	ng	0.00
86) Perylene-d12	25.409	264	191424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	135965	140.601	ng	0.00
7) Phenol-d6	7.460	99	194092	133.957	ng	0.00
23) Nitrobenzene-d5	9.505	82	119738	78.363	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	135943	176.086	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	333930	71.104	ng	0.00
79) Terphenyl-d14	20.245	244	611592	71.700	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.505	70	17043	12.143	ng	# 75
48) 2-Nitroaniline	13.576	65	544	4.519	ng	# 1
51) 2,6-Dinitrotoluene	14.939	165	9776	12.394	ng	# 13
53) 3-Nitroaniline	15.086	138	55	2.977	ng	# 1
56) 4-Nitrophenol	15.104	139	73	4.992	ng	# 5
57) 2,4-Dinitrotoluene	15.586	165	294	3.800	ng	# 15
67) 4-Bromophenyl-phenylether	16.414	248	8522	4.721	ng	# 1
80) Butylbenzylphthalate	20.944	149	1080	5.109	ng	93
84) Bis(2-ethylhexyl)phtha...	21.825	149	1262	4.316	ng	# 42
85) Di-n-octyl phthalate	23.089	149	714	4.413	ng	# 1

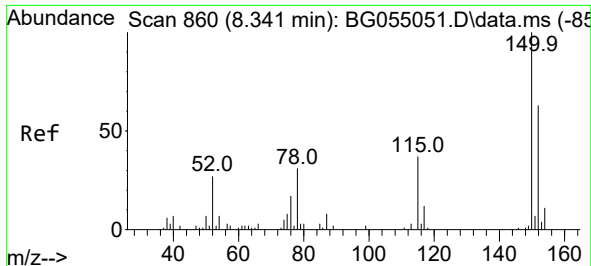
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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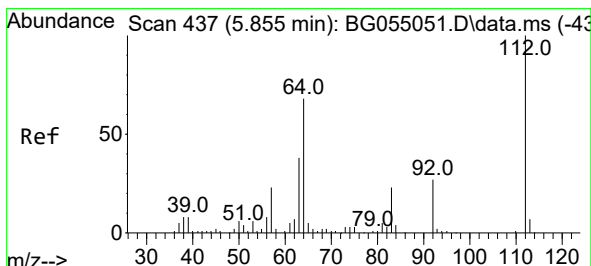
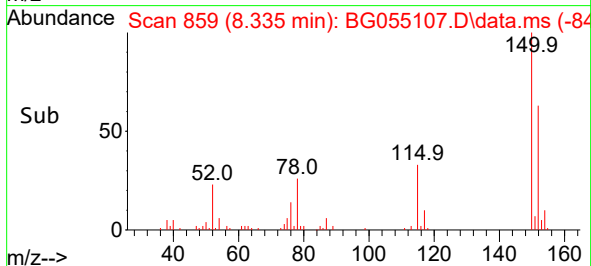
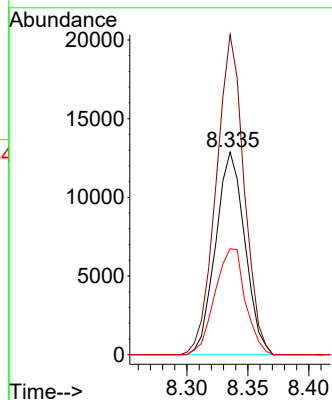
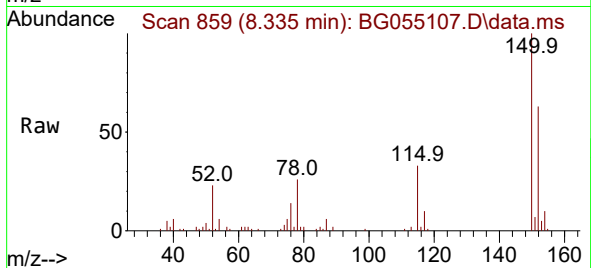




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

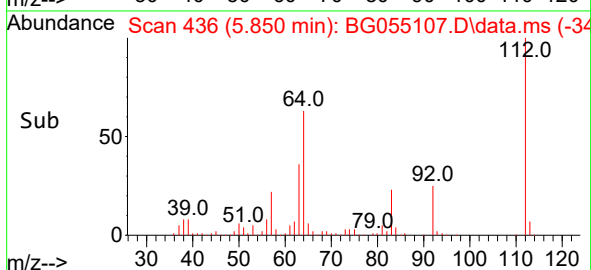
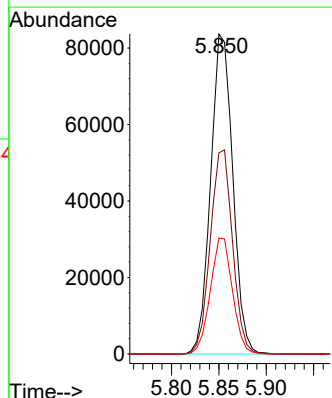
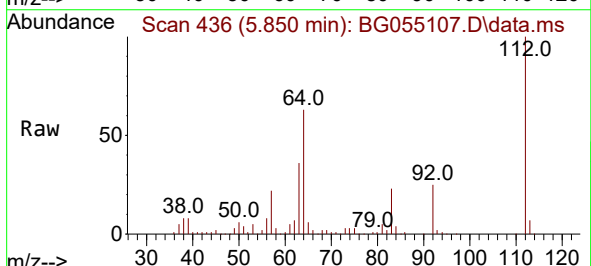
Instrument :
BNA_G
ClientSampleId :
R-10

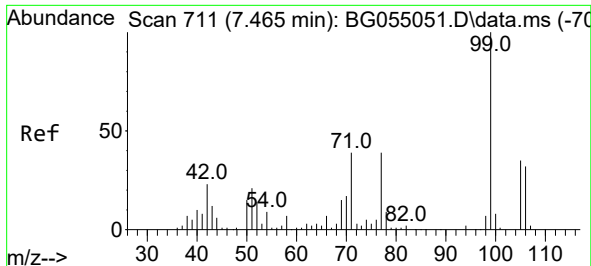
Tgt Ion:152 Resp: 21479
Ion Ratio Lower Upper
152 100
150 158.0 128.0 192.0
115 52.3 47.7 71.5



#5
2-Fluorophenol
Concen: 140.601 ng
RT: 5.850 min Scan# 436
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

Tgt Ion:112 Resp: 135965
Ion Ratio Lower Upper
112 100
64 62.9 54.5 81.7
63 36.2 30.5 45.7

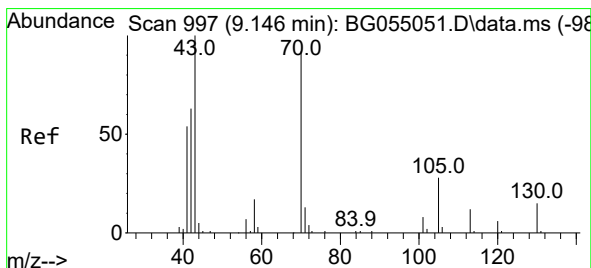
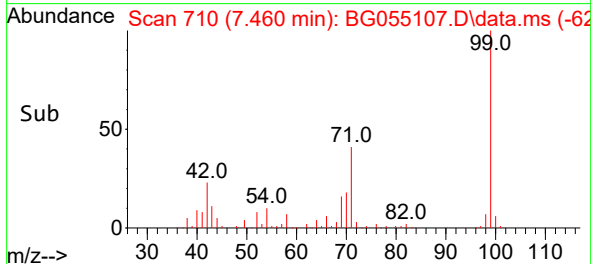
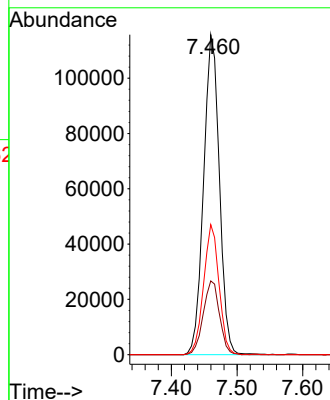
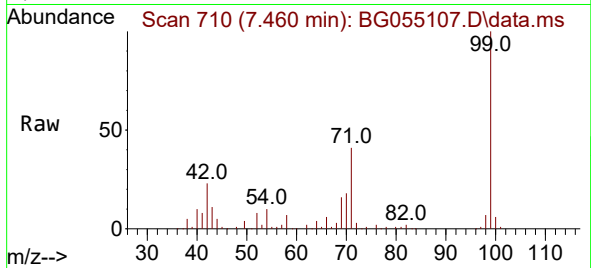




#7
Phenol-d6
Concen: 133.957 ng
RT: 7.460 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

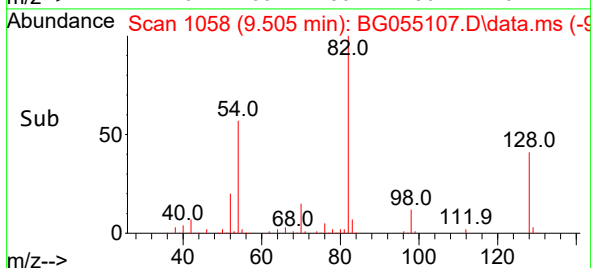
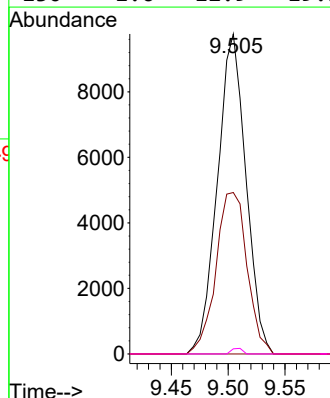
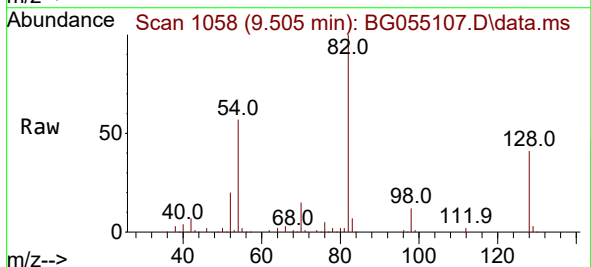
Instrument :
BNA_G
ClientSampleId :
R-10

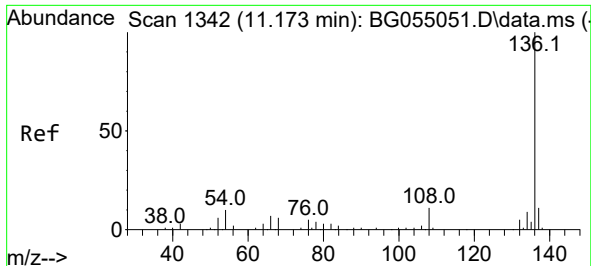
Tgt Ion: 99 Resp: 194092
Ion Ratio Lower Upper
99 100
42 23.1 18.6 28.0
71 40.7 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.143 ng
RT: 9.505 min Scan# 1058
Delta R.T. 0.368 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

Tgt Ion: 70 Resp: 17043
Ion Ratio Lower Upper
70 100
42 50.5 55.8 83.6#
101 0.0 7.1 10.7#
130 1.6 12.9 19.3#

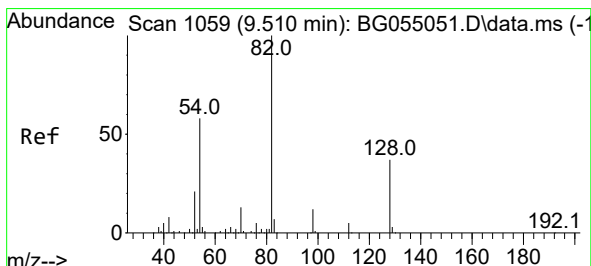
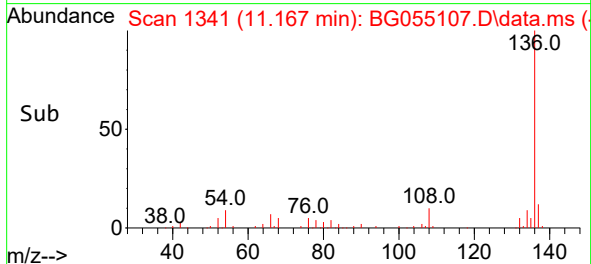
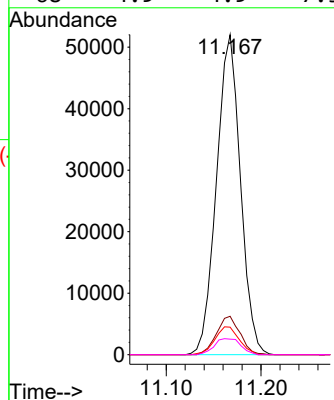
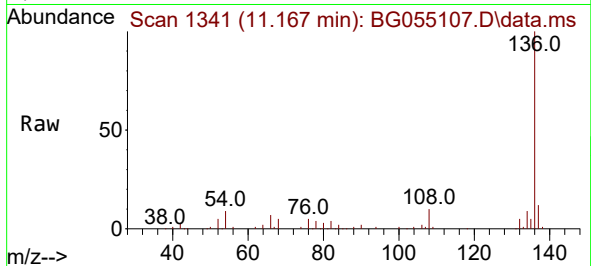




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

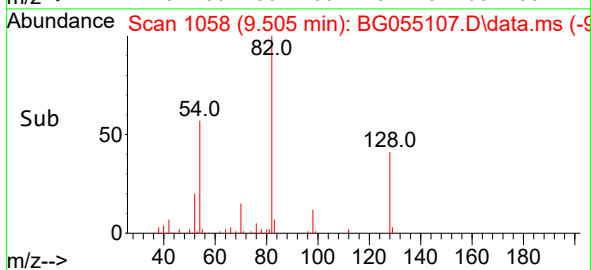
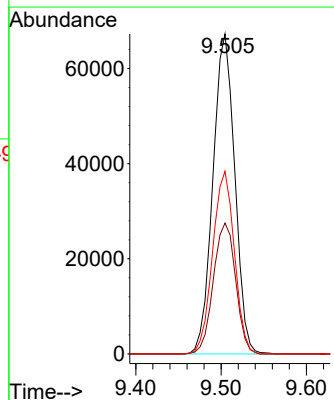
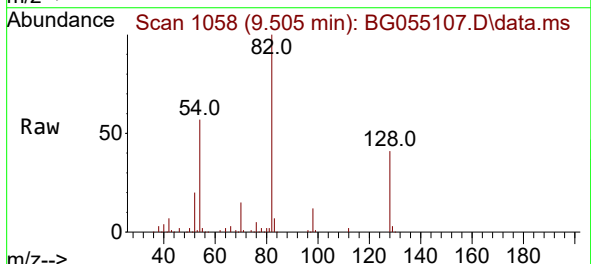
Instrument :
BNA_G
ClientSampleId :
R-10

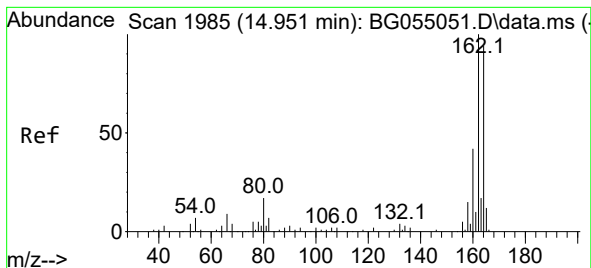
Tgt Ion:	136	Resp:	91304
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.7	13.1
54	8.6	8.2	12.4
68	4.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 78.363 ng
RT: 9.505 min Scan# 1058
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

Tgt Ion:	82	Resp:	119738
Ion	Ratio	Lower	Upper
82	100		
128	40.9	29.5	44.3
54	57.1	46.7	70.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.939 min Scan# 1983

Delta R.T. -0.002 min

Lab File: BG055107.D

Acq: 7 Oct 2022 20:28

Instrument :

BNA_G

ClientSampleId :

R-10

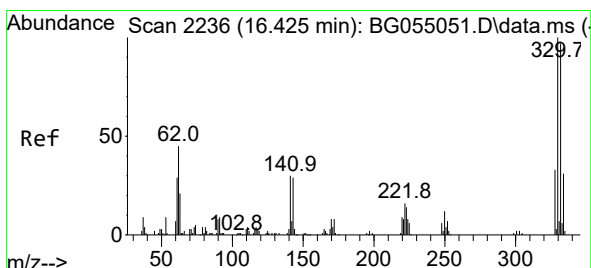
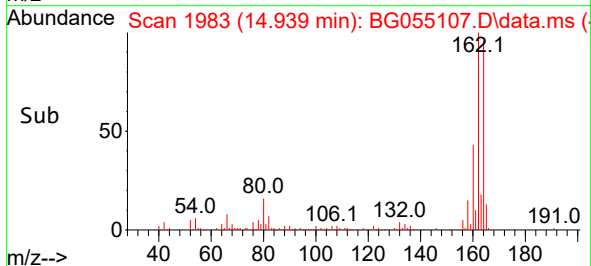
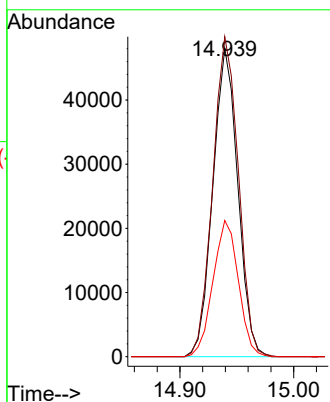
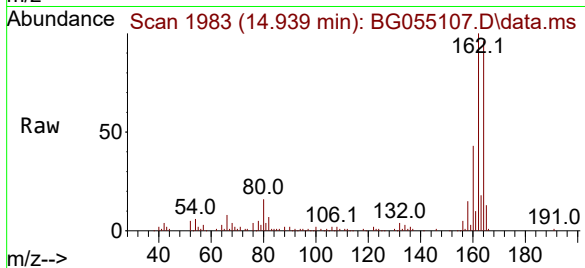
Tgt Ion:164 Resp: 73316

Ion Ratio Lower Upper

164 100

162 103.7 85.5 128.3

160 44.1 35.5 53.3



#42

2,4,6-Tribromophenol

Concen: 176.086 ng

RT: 16.414 min Scan# 2234

Delta R.T. -0.002 min

Lab File: BG055107.D

Acq: 7 Oct 2022 20:28

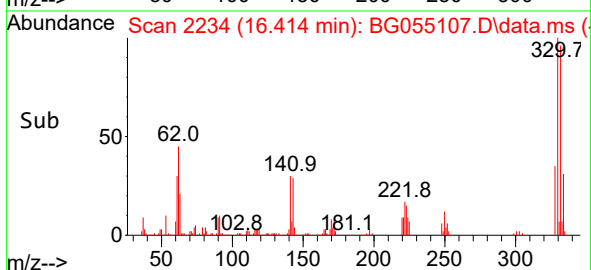
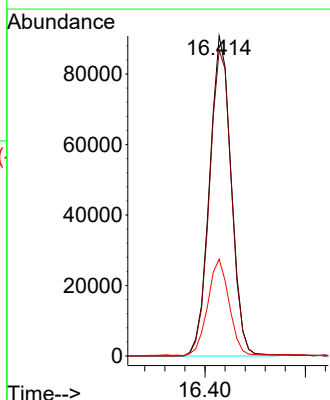
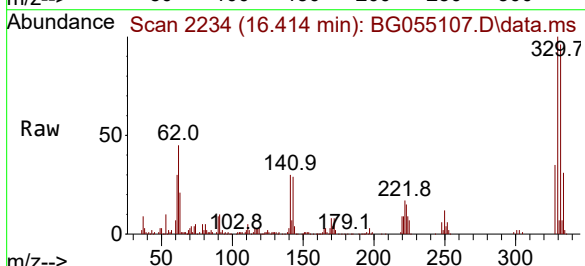
Tgt Ion:330 Resp: 135943

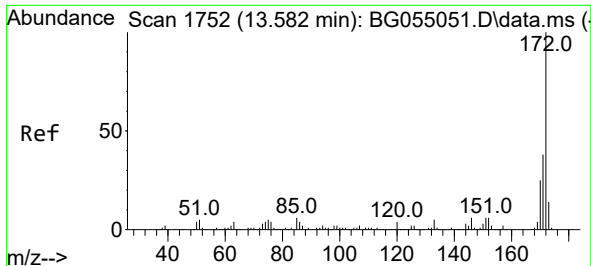
Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

141 29.5 25.0 37.4

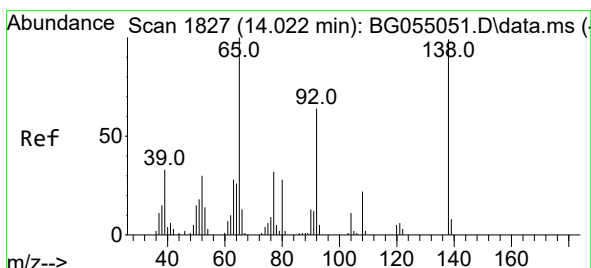
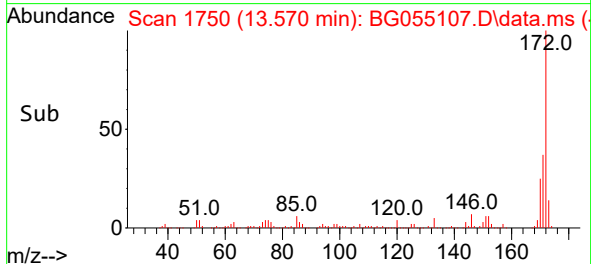
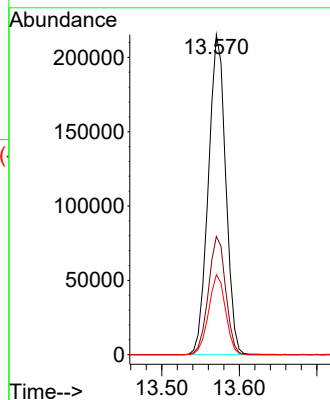
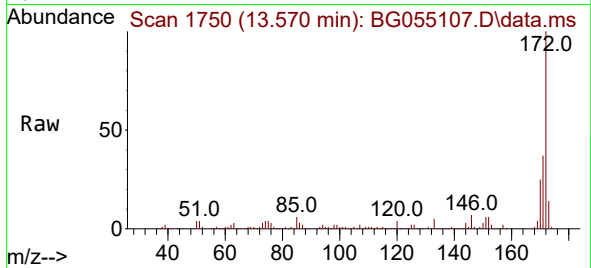




#45
2-Fluorobiphenyl
Concen: 71.104 ng
RT: 13.570 min Scan# 1751
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

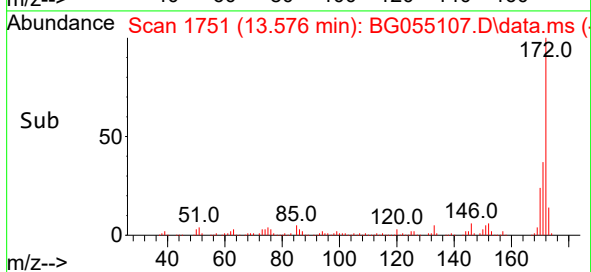
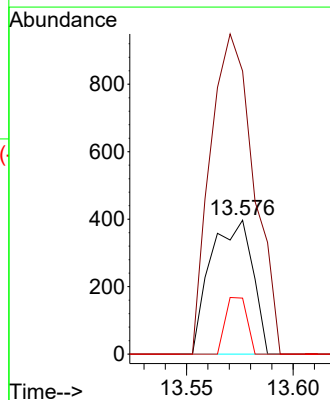
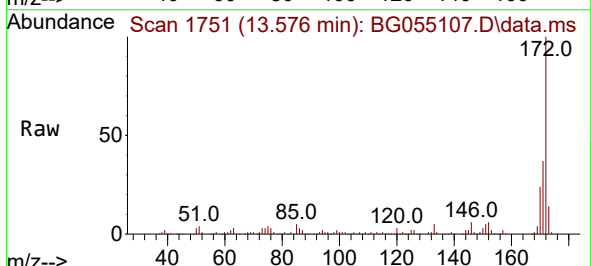
Instrument :
BNA_G
ClientSampleId :
R-10

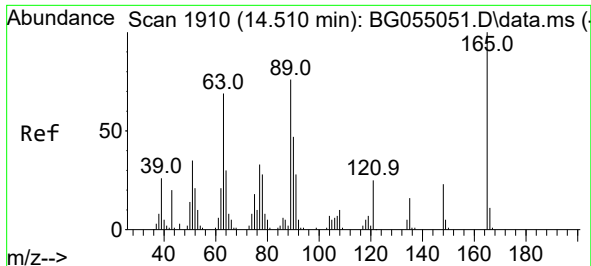
Tgt Ion:172 Resp: 333930
Ion Ratio Lower Upper
172 100
171 37.0 30.1 45.1
170 25.0 20.0 30.0



#48
2-Nitroaniline
Concen: 4.519 ng
RT: 13.576 min Scan# 1751
Delta R.T. -0.443 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

Tgt Ion: 65 Resp: 544
Ion Ratio Lower Upper
65 100
92 211.3 50.9 76.3#
138 41.8 79.5 119.3#

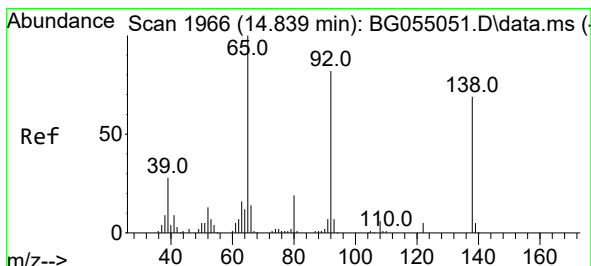
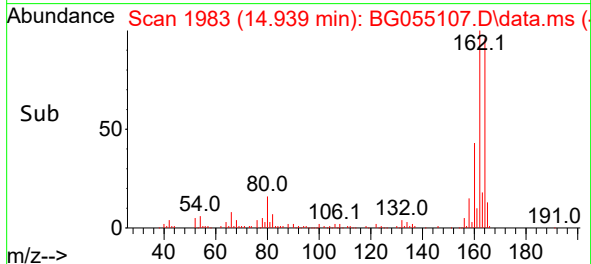
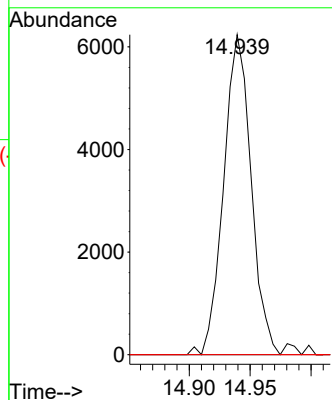
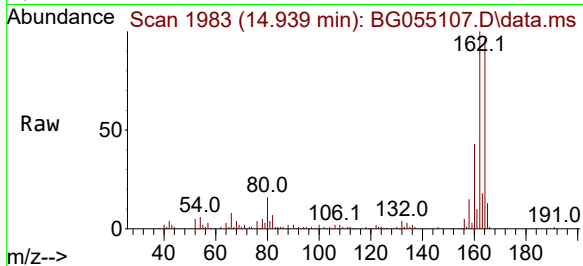




#51
2,6-Dinitrotoluene
Concen: 12.394 ng
RT: 14.939 min Scan# 1910
Delta R.T. 0.432 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

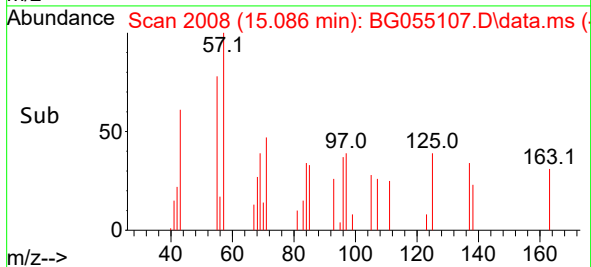
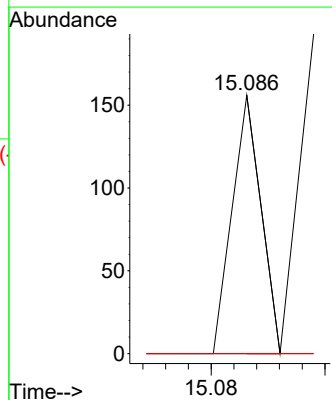
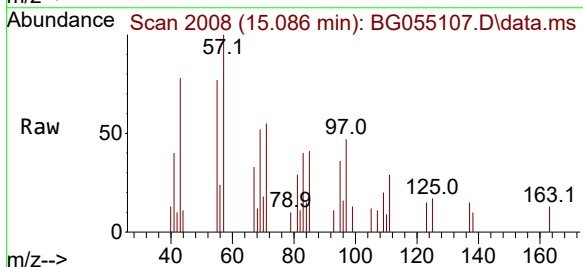
Instrument :
BNA_G
ClientSampleId :
R-10

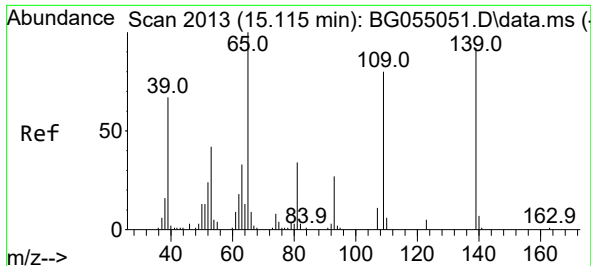
Tgt Ion:165 Resp: 9776
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#53
3-Nitroaniline
Concen: 2.977 ng
RT: 15.086 min Scan# 2008
Delta R.T. 0.250 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

Tgt Ion:138 Resp: 55
Ion Ratio Lower Upper
138 100
108 0.0 6.9 10.3#
92 0.0 94.2 141.4#

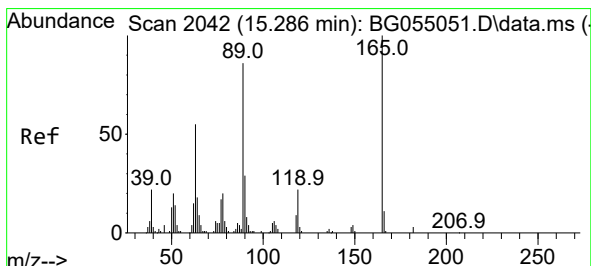
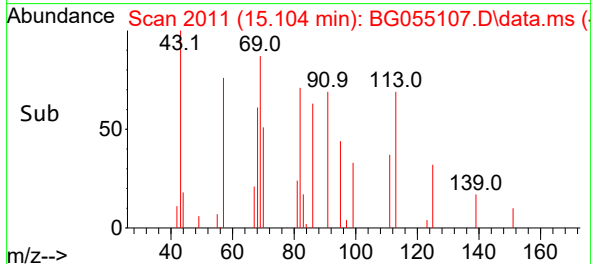
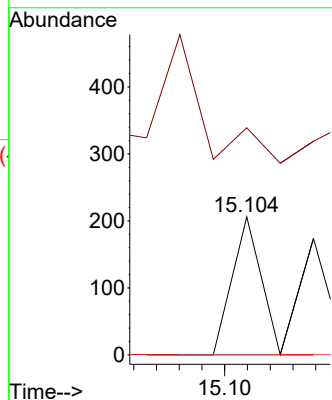
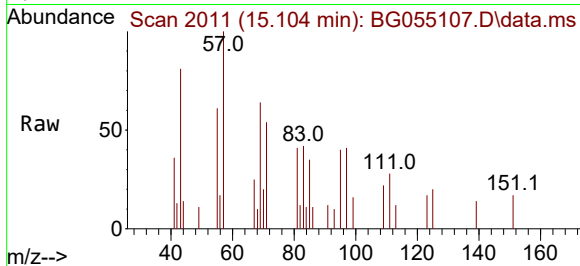




#56
4-Nitrophenol
Concen: 4.992 ng
RT: 15.104 min Scan# 2013
Delta R.T. -0.008 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

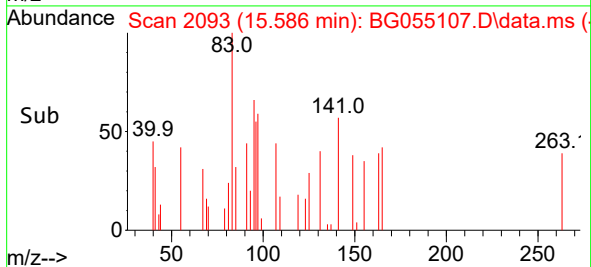
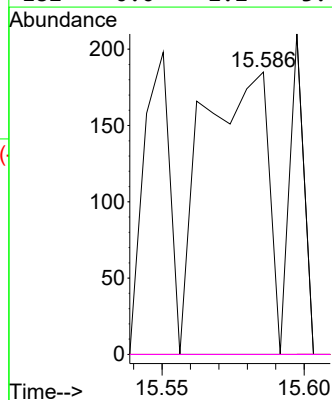
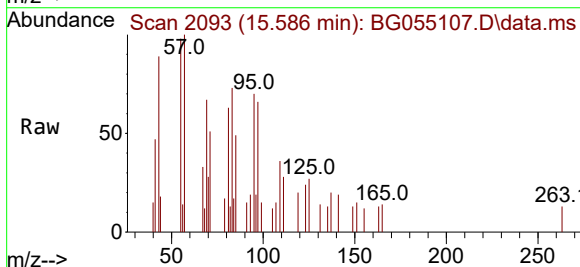
Instrument :
BNA_G
ClientSampleId :
R-10

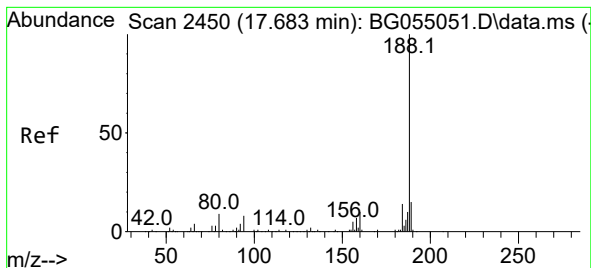
Tgt Ion:139 Resp: 73
Ion Ratio Lower Upper
139 100
109 164.6 66.6 106.6#
65 0.0 88.5 128.5#



#57
2,4-Dinitrotoluene
Concen: 3.800 ng
RT: 15.586 min Scan# 2093
Delta R.T. 0.303 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

Tgt Ion:165 Resp: 294
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 0.0 69.0 103.6#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.671 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG055107.D

Acq: 7 Oct 2022 20:28

Instrument :

BNA_G

ClientSampleId :

R-10

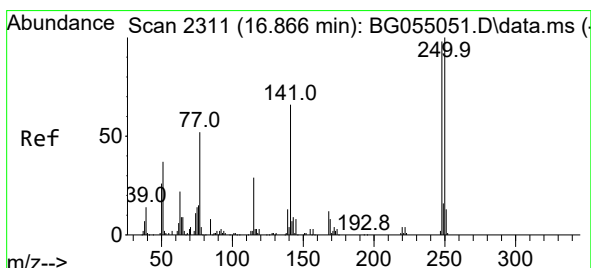
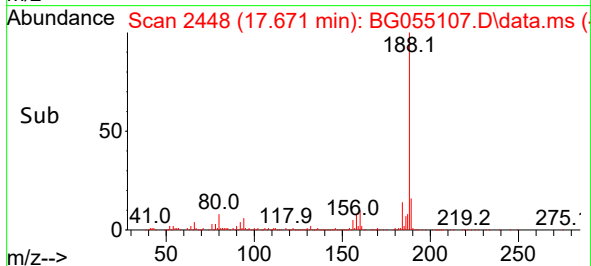
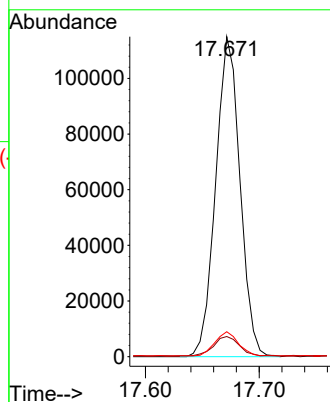
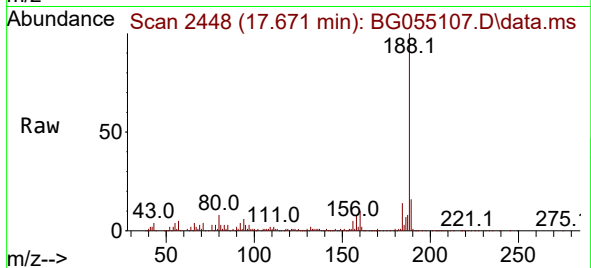
Tgt Ion:188 Resp: 170674

Ion Ratio Lower Upper

188 100

94 6.3 6.2 9.2

80 7.8 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 4.721 ng

RT: 16.414 min Scan# 2234

Delta R.T. -0.443 min

Lab File: BG055107.D

Acq: 7 Oct 2022 20:28

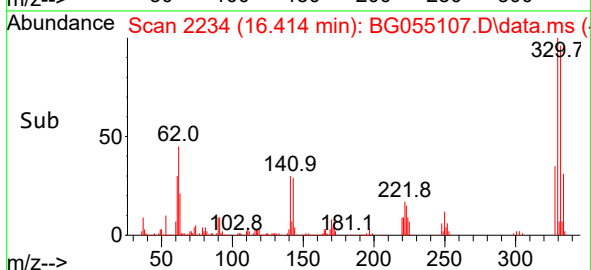
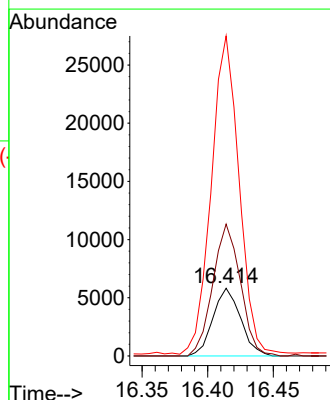
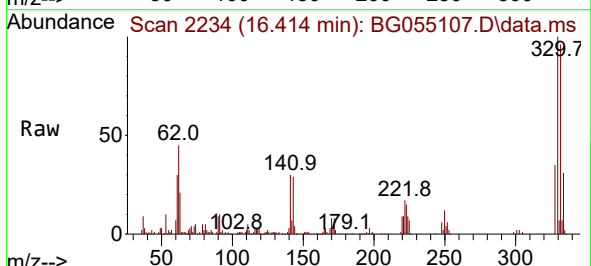
Tgt Ion:248 Resp: 8522

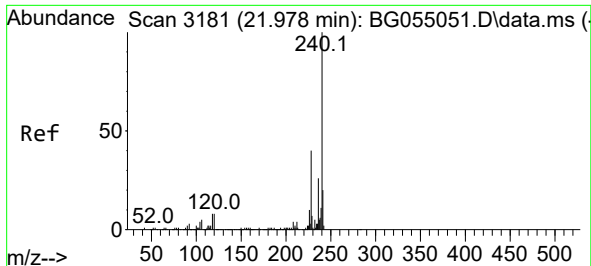
Ion Ratio Lower Upper

248 100

250 195.0 81.7 122.5#

141 473.1 53.7 80.5#

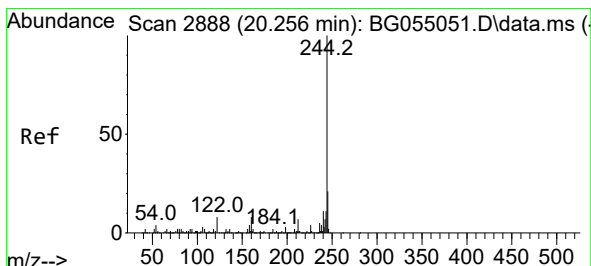
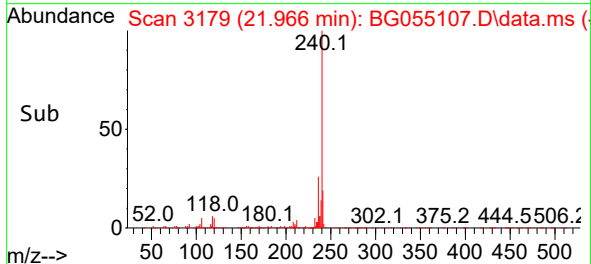
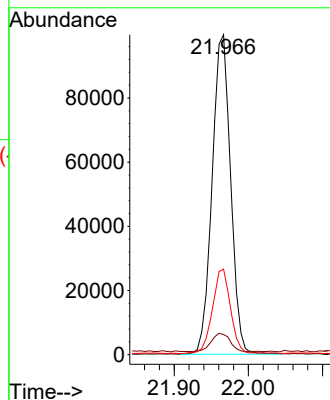
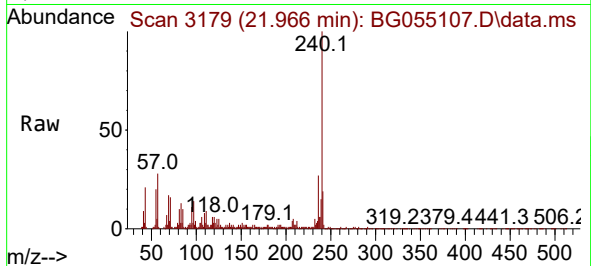




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.966 min Scan# 3181
Delta R.T. -0.002 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

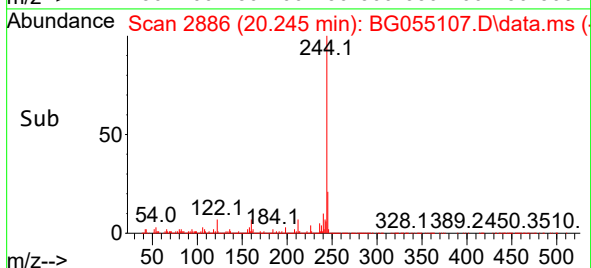
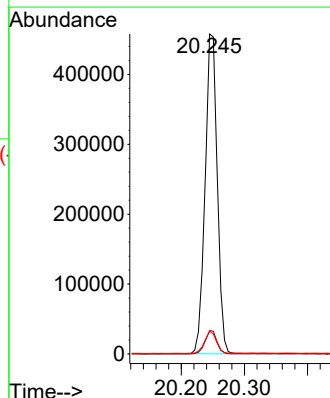
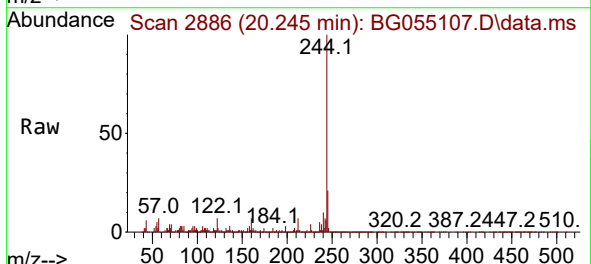
Instrument :
BNA_G
ClientSampleId :
R-10

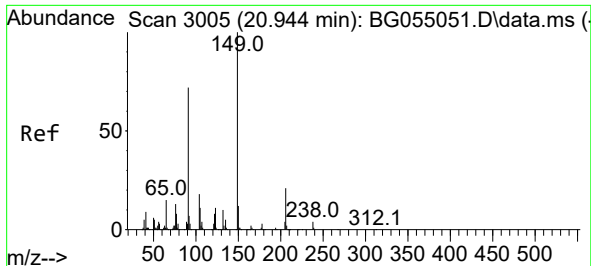
Tgt Ion:240 Resp: 172406
Ion Ratio Lower Upper
240 100
120 6.3 6.2 9.4
236 26.8 20.6 30.8



#79
Terphenyl-d14
Concen: 71.700 ng
RT: 20.245 min Scan# 2886
Delta R.T. -0.008 min
Lab File: BG055107.D
Acq: 7 Oct 2022 20:28

Tgt Ion:244 Resp: 611592
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 7.1 6.6 10.0

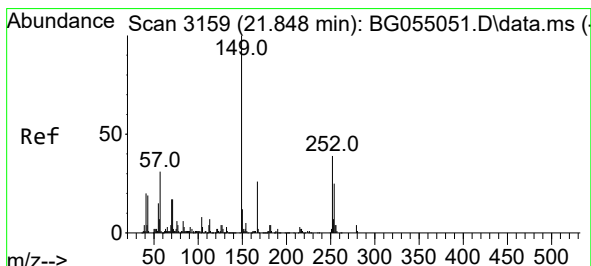
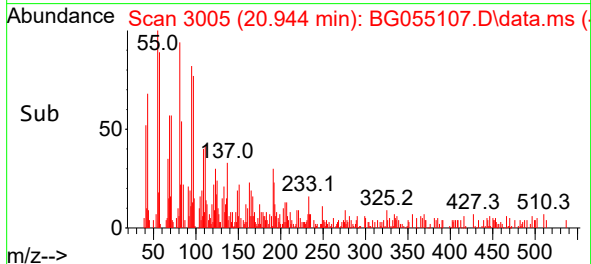
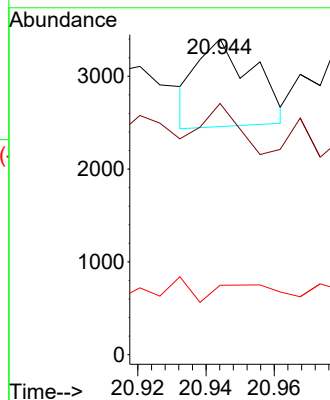
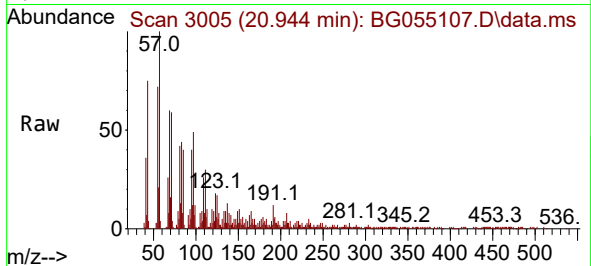




#80
 Butylbenzylphthalate
 Concen: 5.109 ng
 RT: 20.944 min Scan# 3005
 Delta R.T. 0.009 min
 Lab File: BG055107.D
 Acq: 7 Oct 2022 20:28

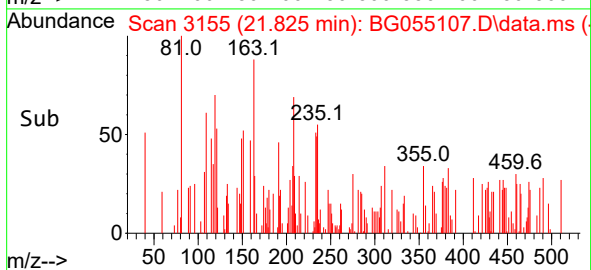
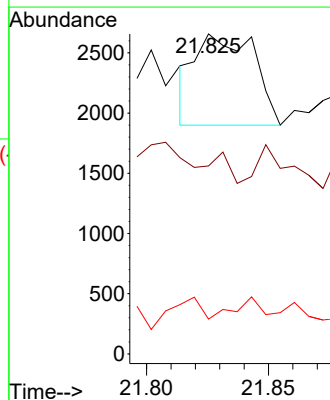
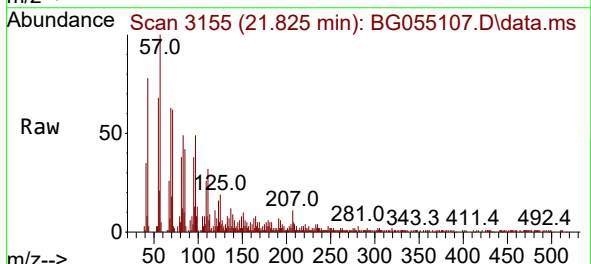
Instrument :
 BNA_G
 ClientSampleId :
 R-10

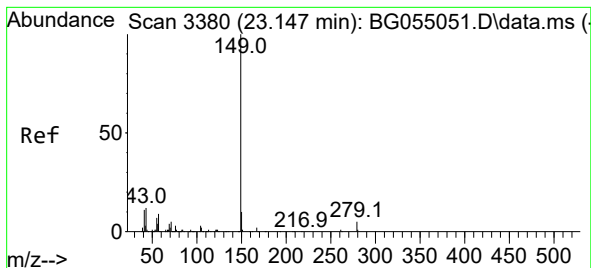
Tgt Ion:	149	Resp:	1080
Ion	Ratio	Lower	Upper
149	100		
91	79.5	57.8	86.8
206	22.0	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.316 ng
 RT: 21.825 min Scan# 3155
 Delta R.T. -0.008 min
 Lab File: BG055107.D
 Acq: 7 Oct 2022 20:28

Tgt Ion:	149	Resp:	1262
Ion	Ratio	Lower	Upper
149	100		
167	58.8	21.0	31.4#
279	10.9	3.4	5.2#





#85

Di-n-octyl phthalate

Concen: 4.413 ng

RT: 23.089 min Scan# 31

Delta R.T. -0.038 min

Lab File: BG055107.D

Acq: 7 Oct 2022 20:28

Instrument :

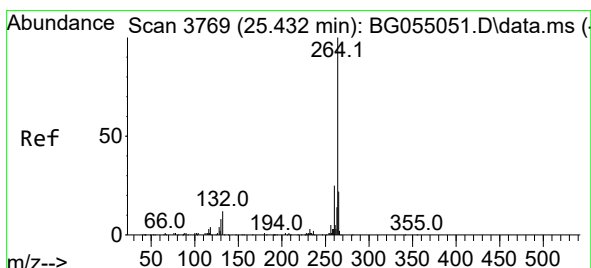
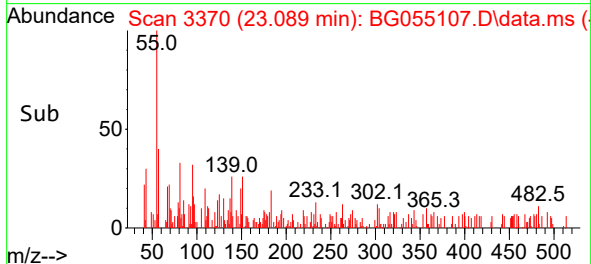
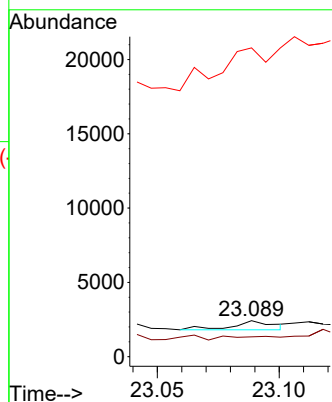
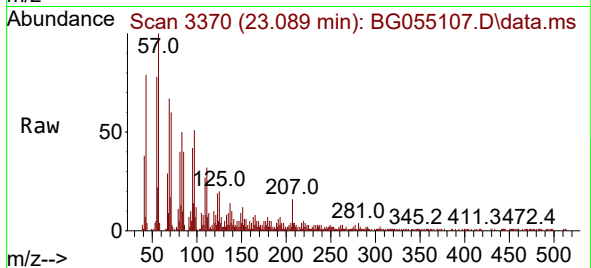
BNA_G

ClientSampleId :

R-10

Tgt Ion:149 Resp: 714

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	1003.9	10.2	15.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.409 min Scan# 3765

Delta R.T. -0.008 min

Lab File: BG055107.D

Acq: 7 Oct 2022 20:28

Tgt Ion:264 Resp: 191424

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	22.6	17.8	26.6

