

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055102.D
 Acq On : 7 Oct 2022 16:53
 Operator : CG/JU
 Sample : N5022-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DSN003

Quant Time: Oct 08 03:10:18 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)

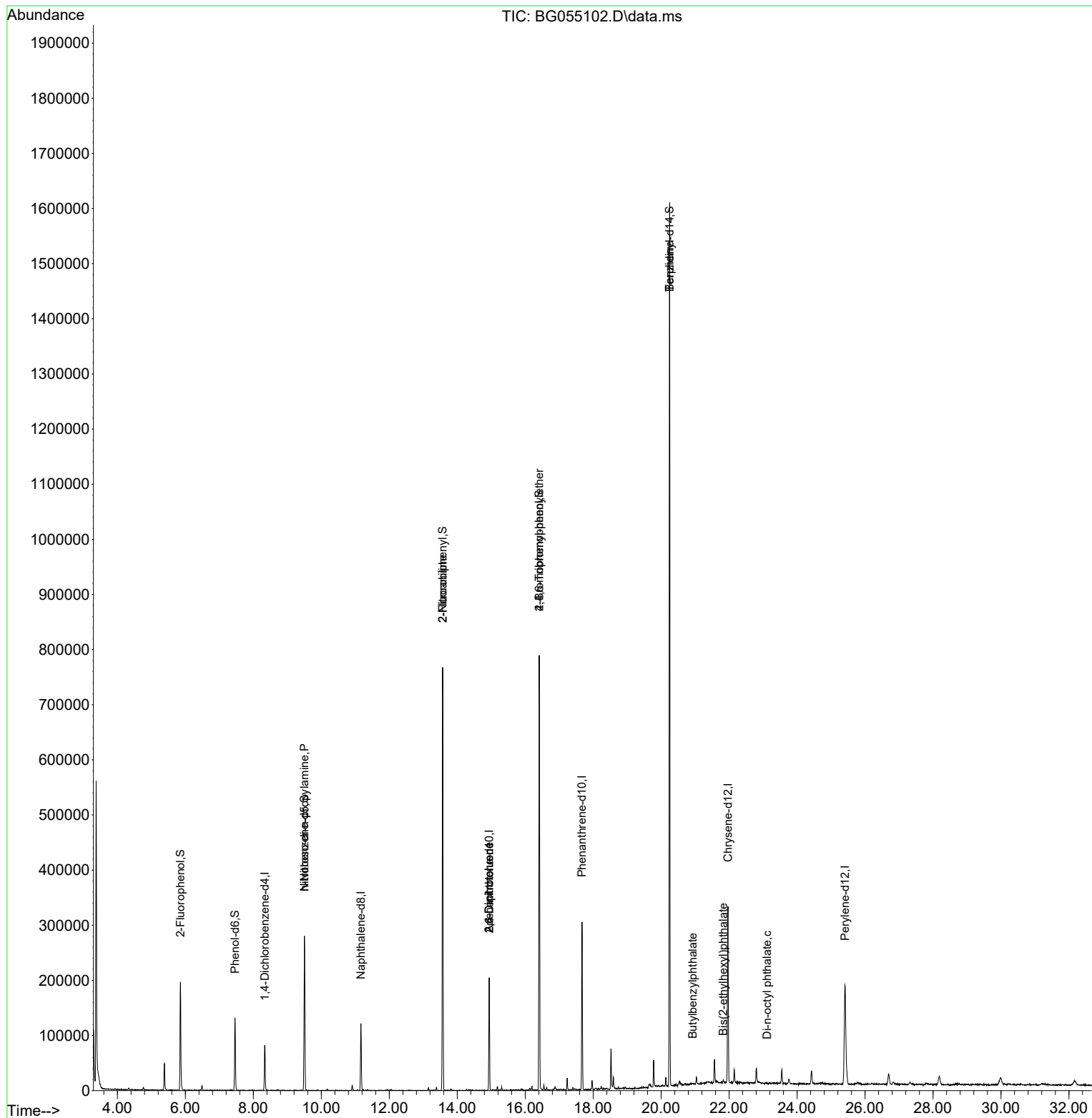
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	23857	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	96476	20.000	ng	0.00
39) Acenaphthene-d10	14.938	164	69633	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	192564	20.000	ng	0.00
76) Chrysene-d12	21.966	240	206148	20.000	ng	0.00
86) Perylene-d12	25.409	264	219567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	87927	81.862	ng	0.00
7) Phenol-d6	7.459	99	72186	44.855	ng	0.00
23) Nitrobenzene-d5	9.504	82	163243	101.107	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	160615	217.511	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	389004	87.212	ng	0.00
79) Terphenyl-d14	20.250	244	807028	79.126	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.504	70	22870	14.671	ng	# 85
48) 2-Nitroaniline	13.570	65	613	4.600	ng	# 1
51) 2,6-Dinitrotoluene	14.938	165	9532	12.631	ng	# 15
57) 2,4-Dinitrotoluene	14.938	165	9532	10.275	ng	# 16
67) 4-Bromophenyl-phenylether	16.413	248	9989	4.905	ng	# 1
77) Benzidine	20.250	184	12848	3.618	ng	# 93
80) Butylbenzylphthalate	20.926	149	356	4.913	ng	# 61
84) Bis(2-ethylhexyl)phtha...	21.825	149	2009	4.387	ng	# 88
85) Di-n-octyl phthalate	23.117	149	887	4.416	ng	# 71

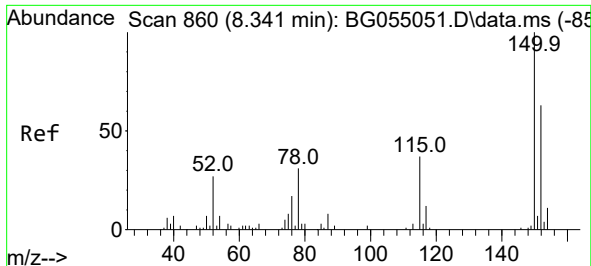
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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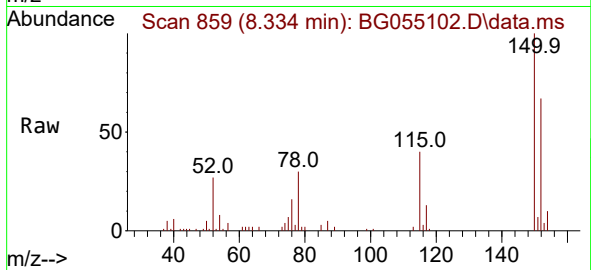
Quant Time: Oct 08 03:10:18 2022
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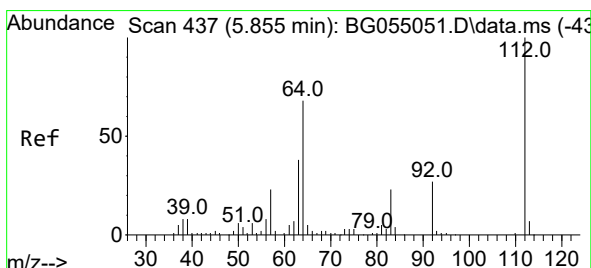
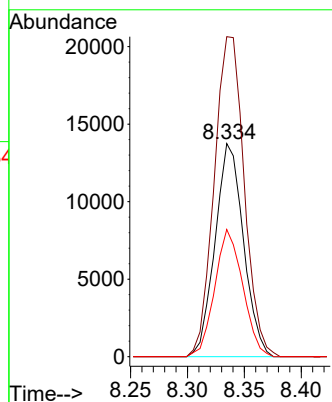
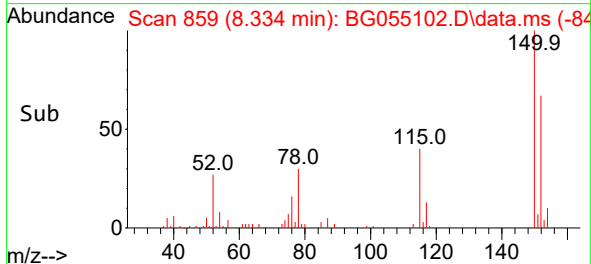


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.334 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

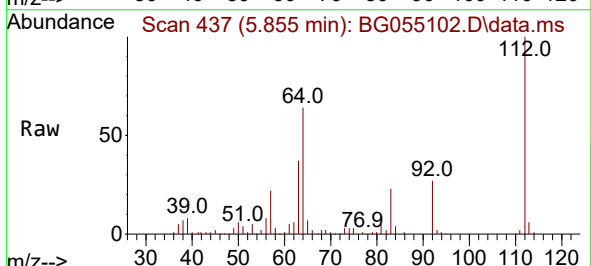
Instrument :
BNA_G
ClientSampleId :
DSN003



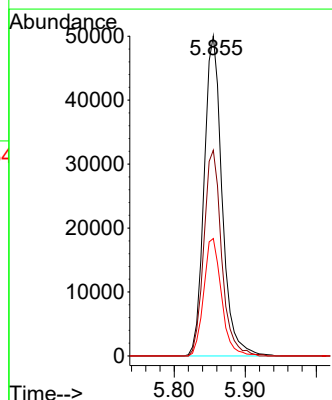
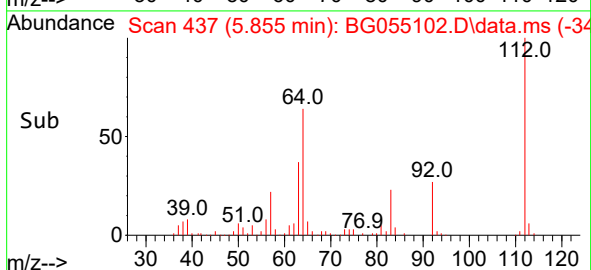
Tgt Ion:152 Resp: 23857
Ion Ratio Lower Upper
152 100
150 150.2 128.0 192.0
115 59.7 47.7 71.5

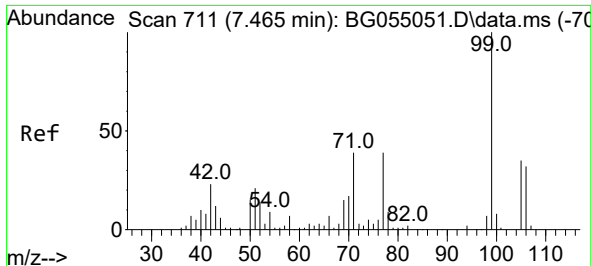


#5
2-Fluorophenol
Concen: 81.862 ng
RT: 5.855 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53



Tgt Ion:112 Resp: 87927
Ion Ratio Lower Upper
112 100
64 64.3 54.5 81.7
63 36.7 30.5 45.7

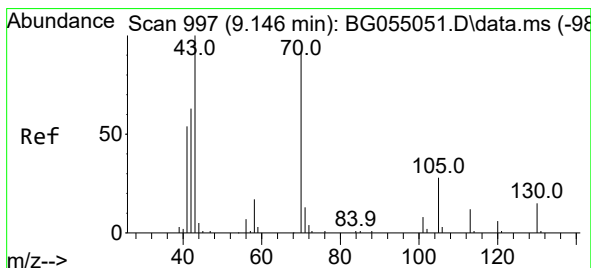
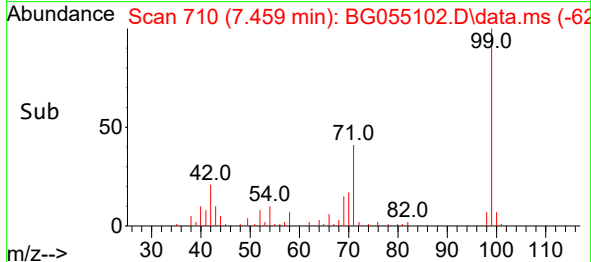
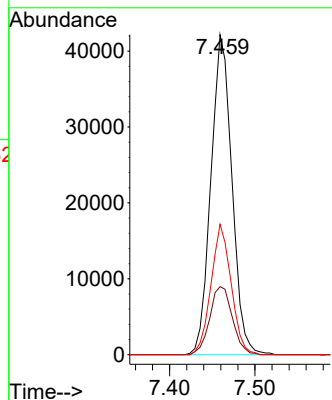
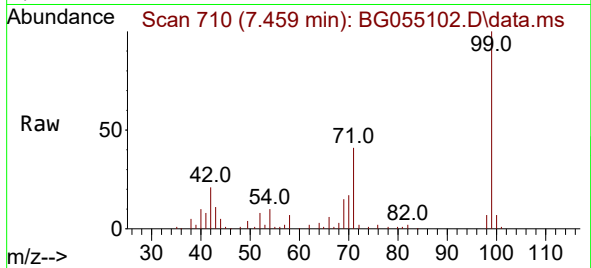




#7
Phenol-d6
Concen: 44.855 ng
RT: 7.459 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

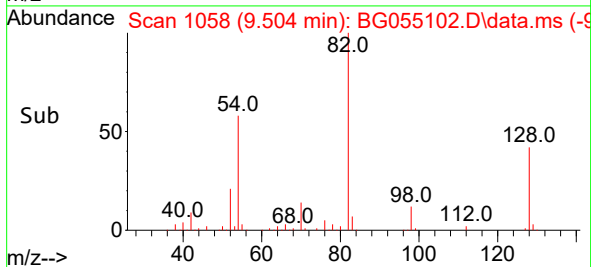
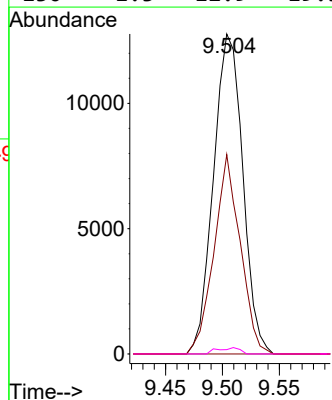
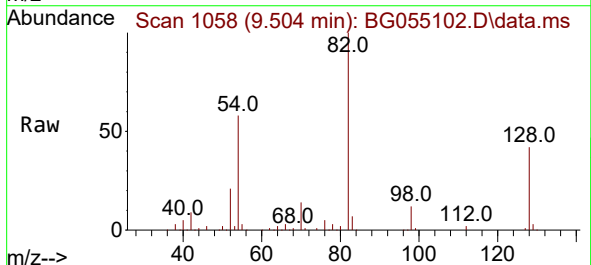
Instrument :
BNA_G
ClientSampleId :
DSN003

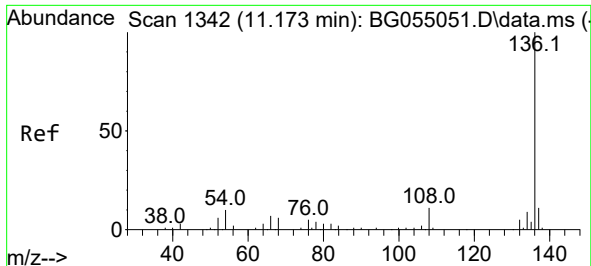
Tgt Ion: 99 Resp: 72186
Ion Ratio Lower Upper
99 100
42 21.3 18.6 28.0
71 40.8 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.671 ng
RT: 9.504 min Scan# 1058
Delta R.T. 0.367 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

Tgt Ion: 70 Resp: 22870
Ion Ratio Lower Upper
70 100
42 62.3 55.8 83.6
101 0.0 7.1 10.7#
130 1.3 12.9 19.3#

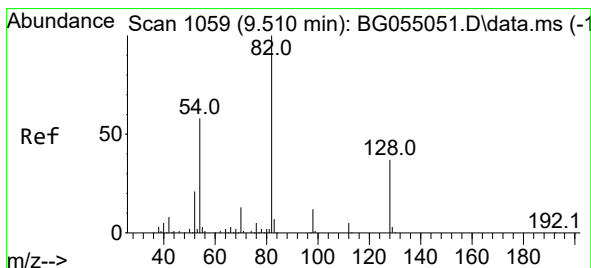
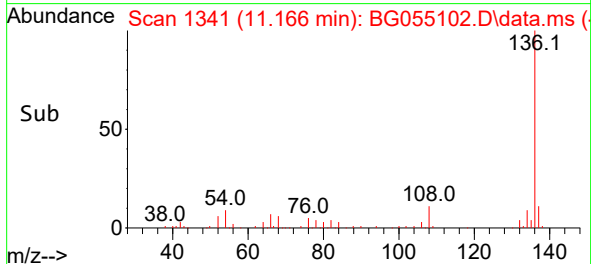
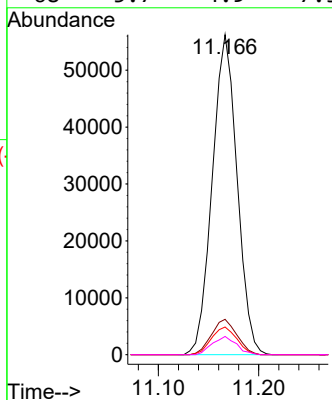
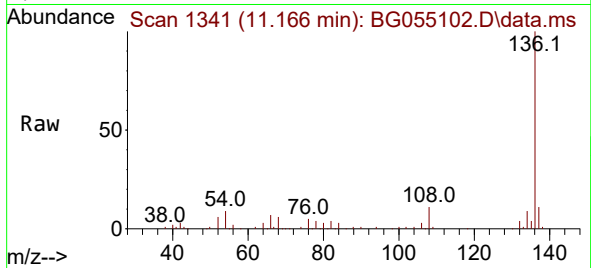




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

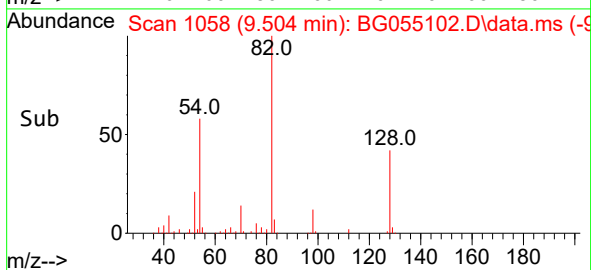
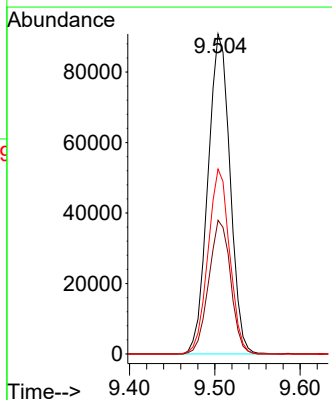
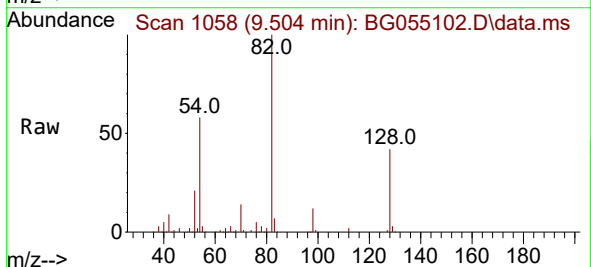
Instrument :
BNA_G
ClientSampleId :
DSN003

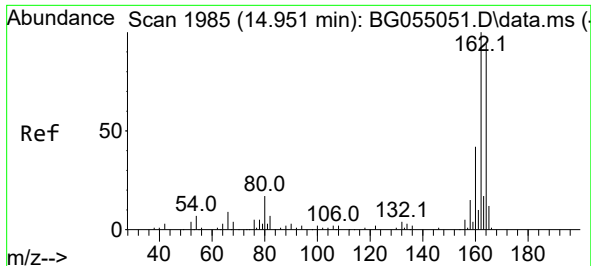
Tgt Ion:	136	Resp:	96476
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	8.7	8.2	12.4
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 101.107 ng
RT: 9.504 min Scan# 1058
Delta R.T. -0.003 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

Tgt Ion:	82	Resp:	163243
Ion Ratio	Lower	Upper	
82	100		
128	41.7	29.5	44.3
54	57.8	46.7	70.1

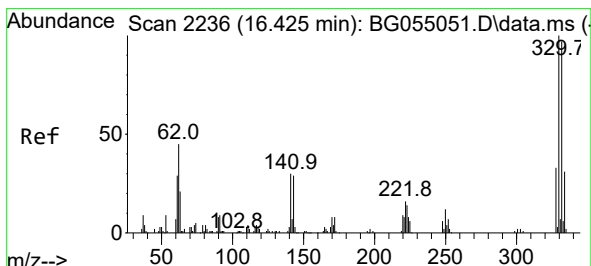
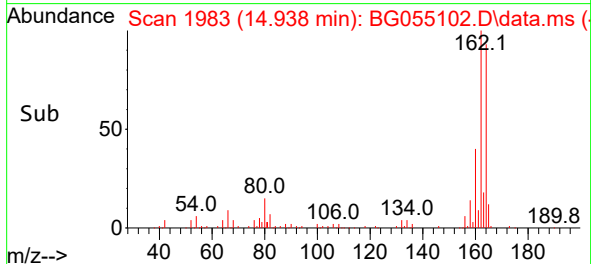
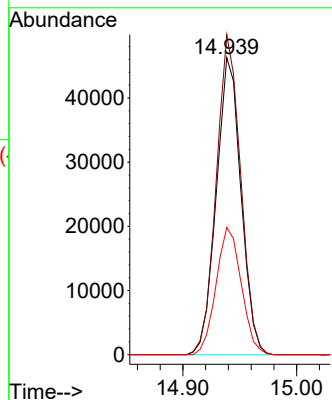
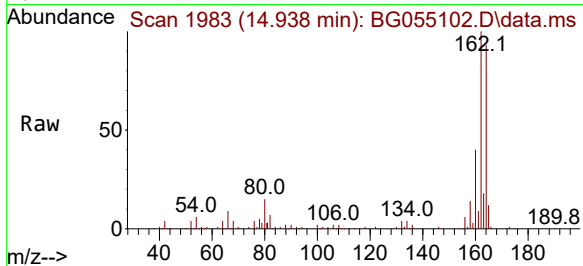




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.938 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

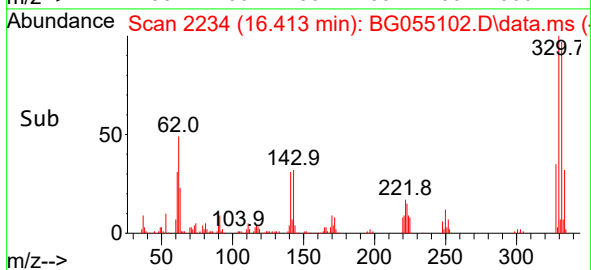
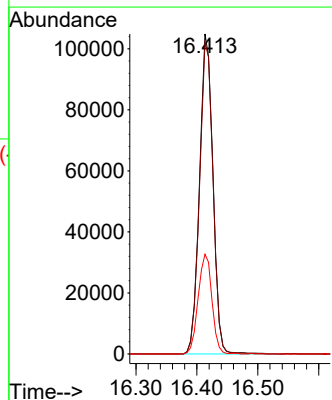
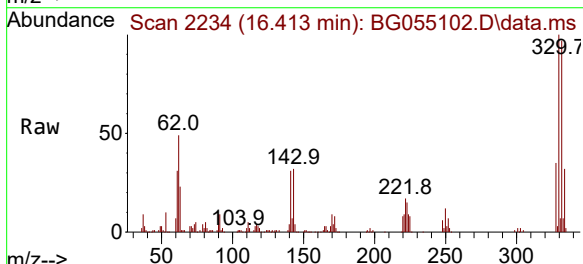
Instrument :
BNA_G
ClientSampleId :
DSN003

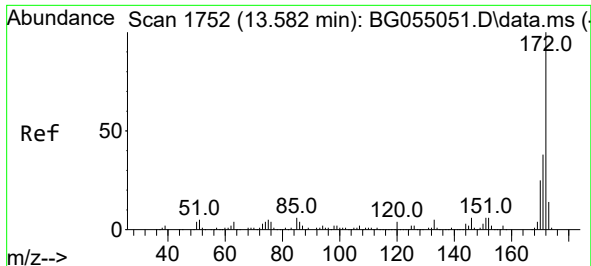
Tgt Ion:164 Resp: 69633
Ion Ratio Lower Upper
164 100
162 107.7 85.5 128.3
160 42.8 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 217.511 ng
RT: 16.413 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

Tgt Ion:330 Resp: 160615
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 31.9 25.0 37.4

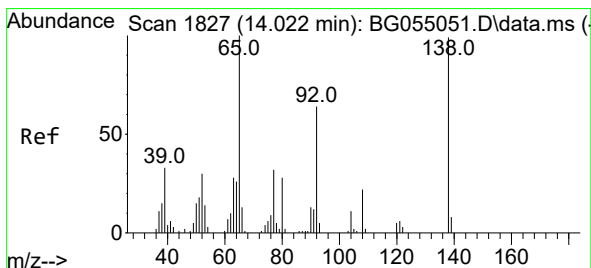
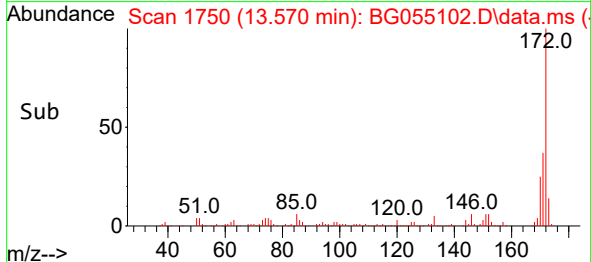
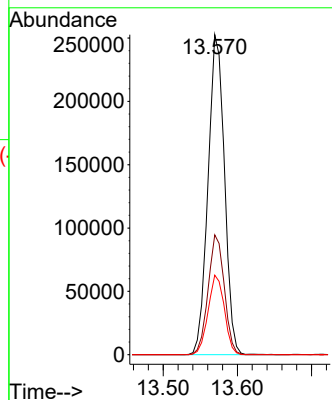
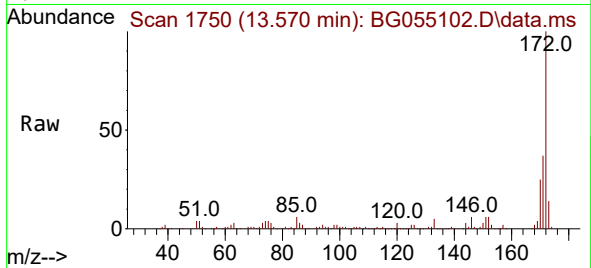




#45
2-Fluorobiphenyl
Concen: 87.212 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

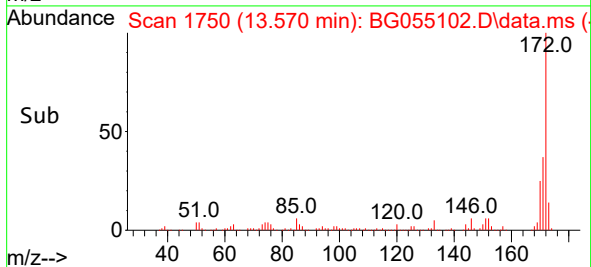
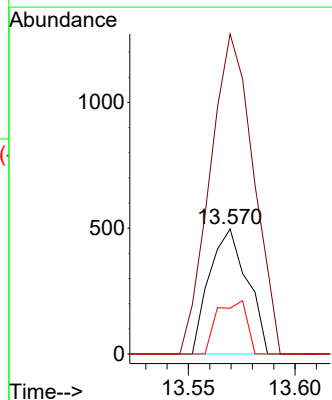
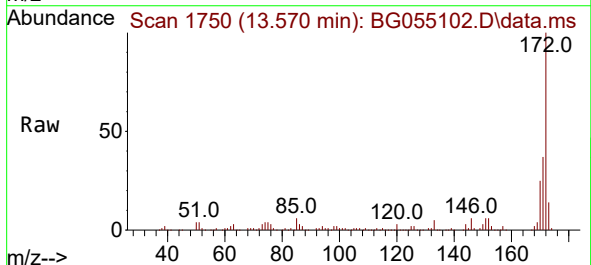
Instrument :
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ClientSampleId :
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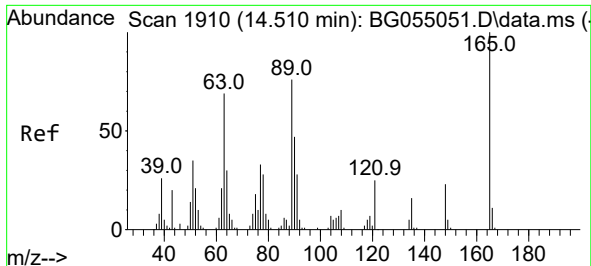
Tgt Ion:172 Resp: 389004
Ion Ratio Lower Upper
172 100
171 37.5 30.1 45.1
170 24.9 20.0 30.0



#48
2-Nitroaniline
Concen: 4.600 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.450 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

Tgt Ion: 65 Resp: 613
Ion Ratio Lower Upper
65 100
92 255.9 50.9 76.3#
138 36.6 79.5 119.3#

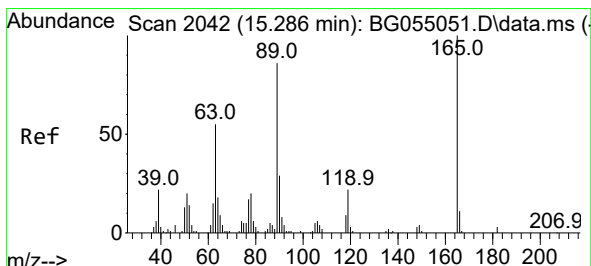
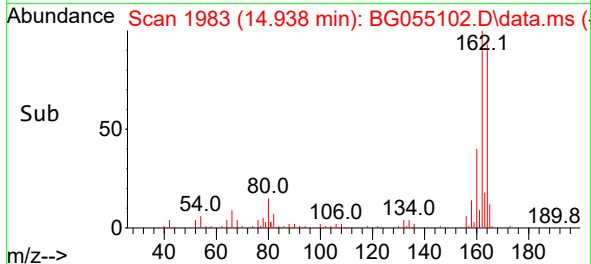
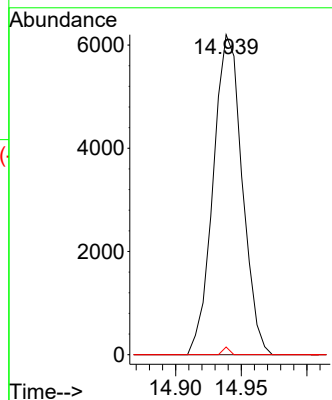
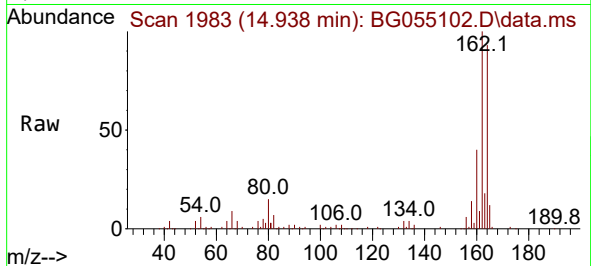




#51
2,6-Dinitrotoluene
Concen: 12.631 ng
RT: 14.938 min Scan# 1910
Delta R.T. 0.432 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

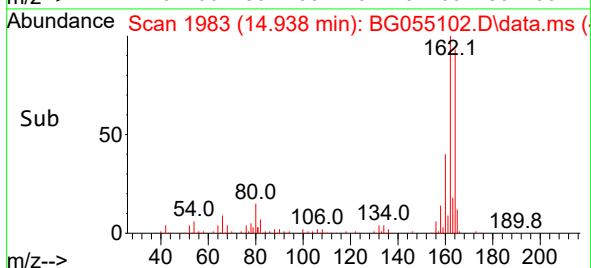
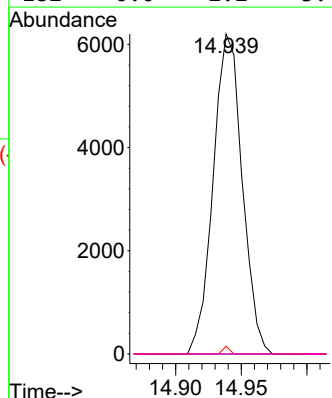
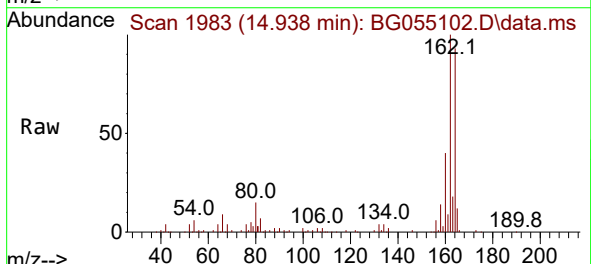
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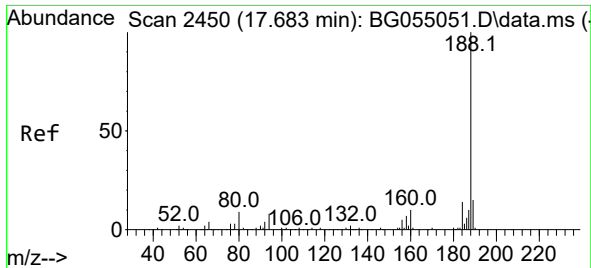
Tgt Ion:165 Resp: 9532
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 2.4 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 10.275 ng
RT: 14.938 min Scan# 1983
Delta R.T. -0.344 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

Tgt Ion:165 Resp: 9532
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 2.4 69.0 103.6#
182 0.0 2.2 3.4#

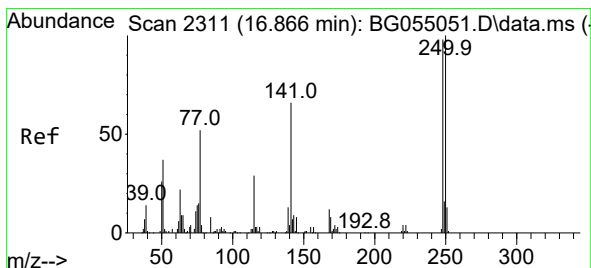
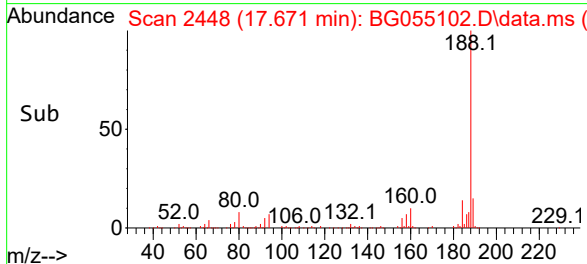
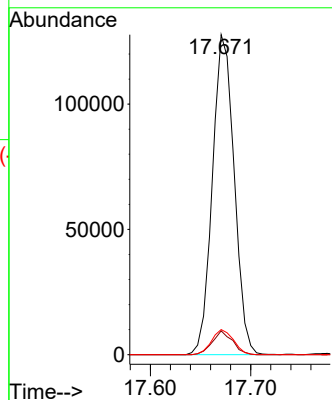
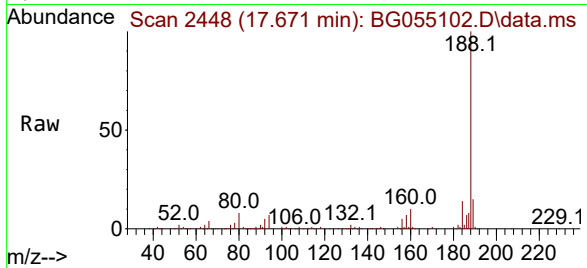




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 2450
Delta R.T. -0.003 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

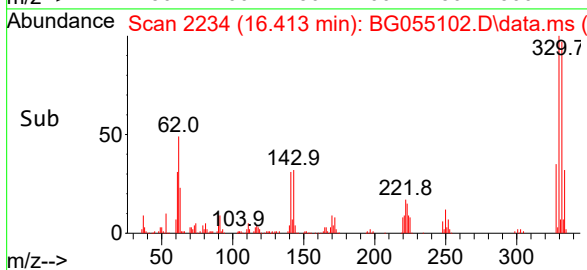
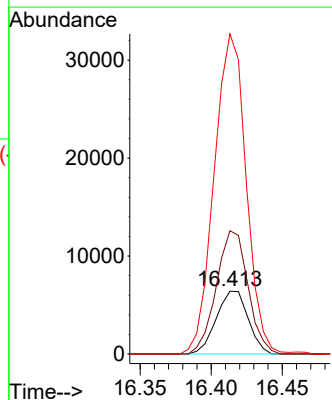
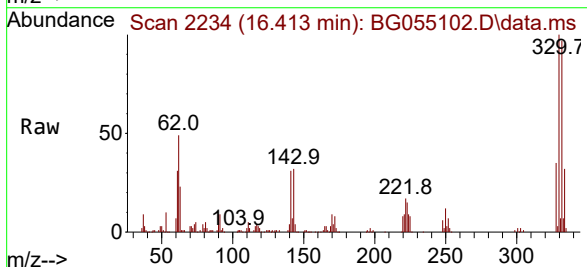
Instrument :
BNA_G
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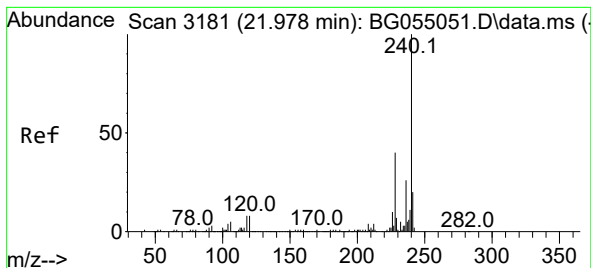
Tgt Ion:188 Resp: 192564
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 7.9 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 4.905 ng
RT: 16.413 min Scan# 2234
Delta R.T. -0.444 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

Tgt Ion:248 Resp: 9989
Ion Ratio Lower Upper
248 100
250 196.3 81.7 122.5#
141 509.5 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.966 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG055102.D

Acq: 7 Oct 2022 16:53

Instrument :

BNA_G

ClientSampleId :

DSN003

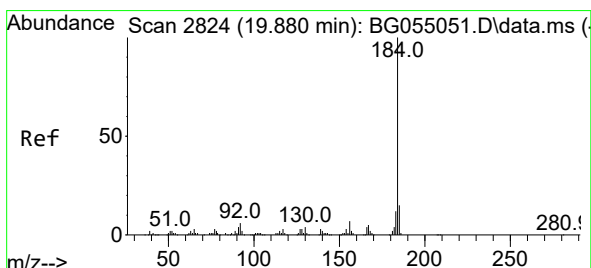
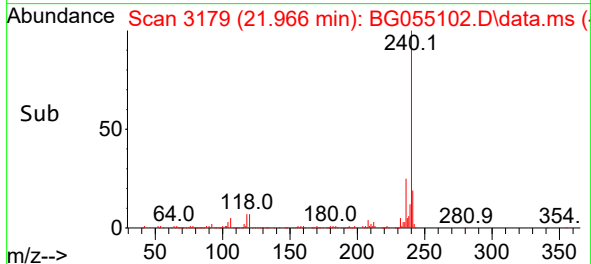
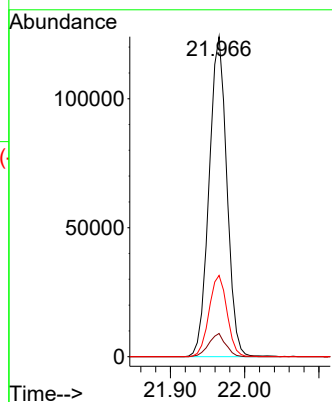
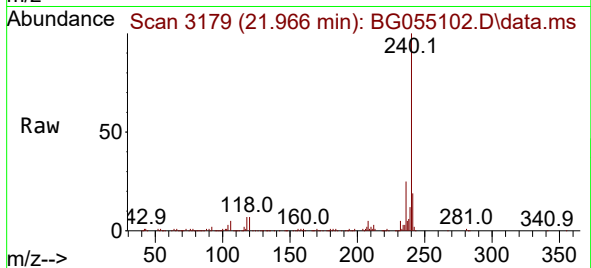
Tgt Ion:240 Resp: 206148

Ion Ratio Lower Upper

240 100

120 7.3 6.2 9.4

236 25.4 20.6 30.8



#77

Benzidine

Concen: 3.618 ng

RT: 20.250 min Scan# 2887

Delta R.T. 0.379 min

Lab File: BG055102.D

Acq: 7 Oct 2022 16:53

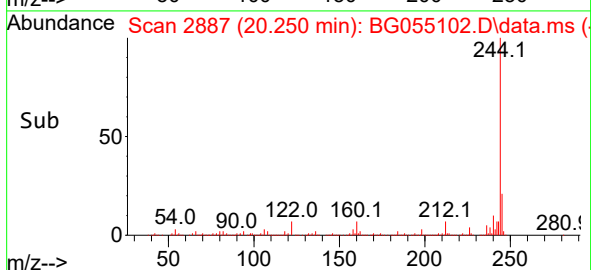
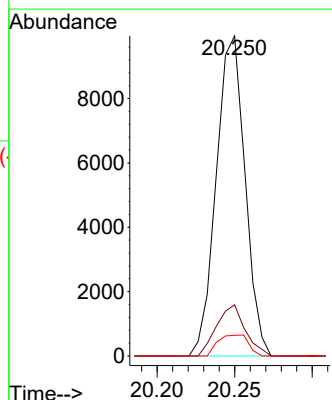
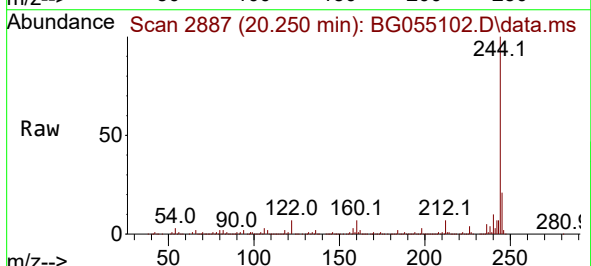
Tgt Ion:184 Resp: 12848

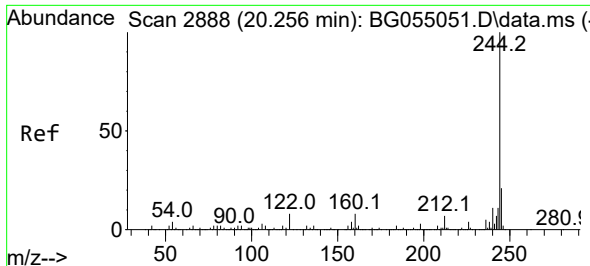
Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.4

183 6.5 9.4 14.0#

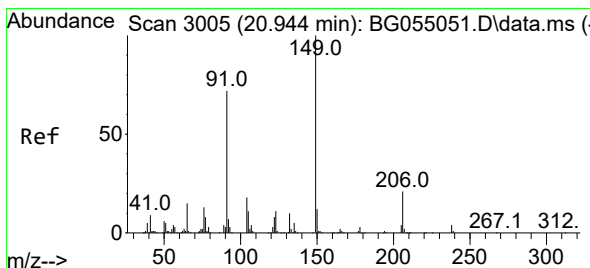
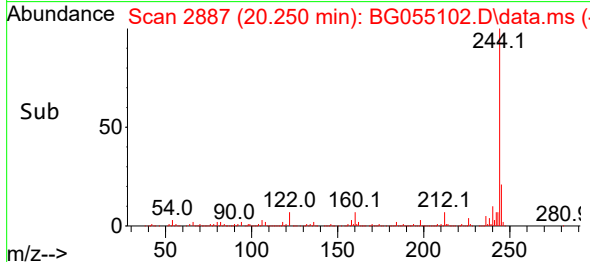
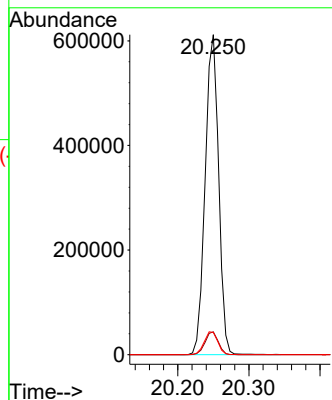
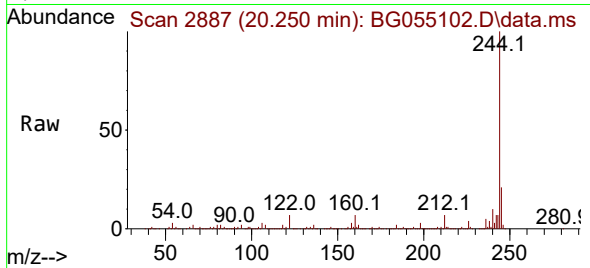




#79
 Terphenyl-d14
 Concen: 79.126 ng
 RT: 20.250 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055102.D
 Acq: 7 Oct 2022 16:53

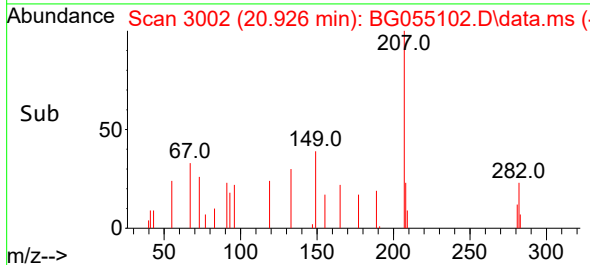
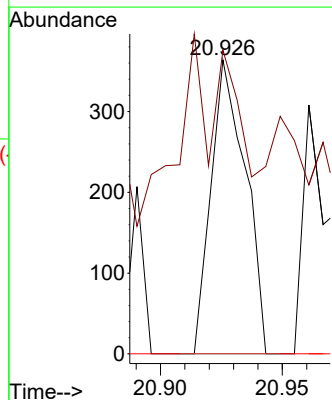
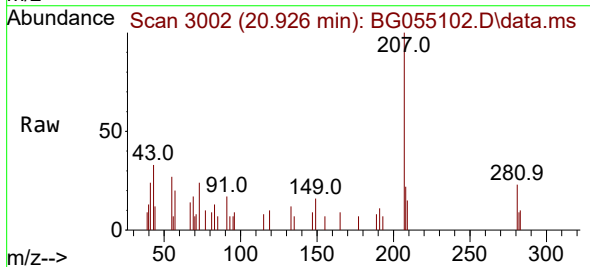
Instrument :
 BNA_G
 ClientSampleId :
 DSN003

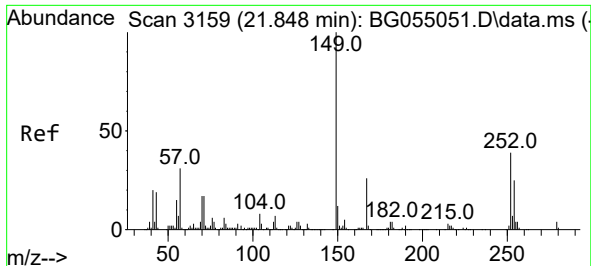
Tgt Ion:244 Resp: 807028
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 7.0 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.913 ng
 RT: 20.926 min Scan# 3002
 Delta R.T. -0.009 min
 Lab File: BG055102.D
 Acq: 7 Oct 2022 16:53

Tgt Ion:149 Resp: 356
 Ion Ratio Lower Upper
 149 100
 91 103.3 57.8 86.8#
 206 0.0 16.9 25.3#

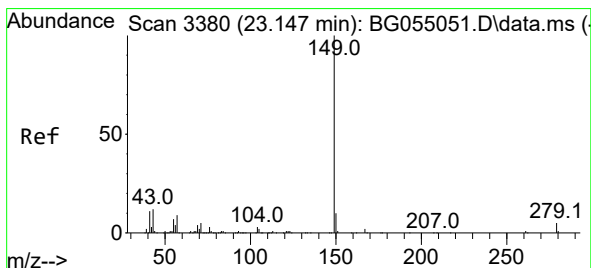
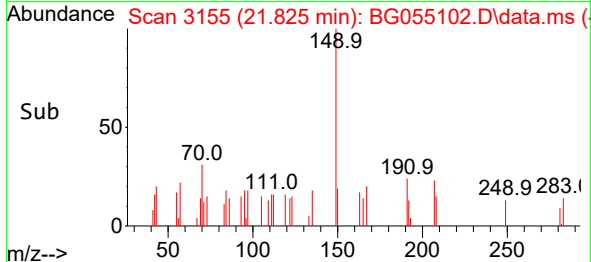
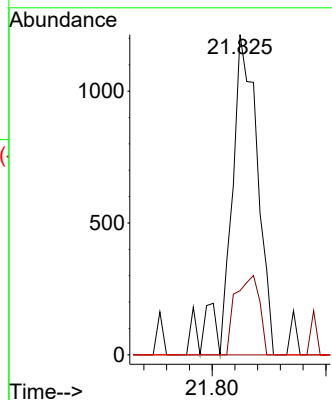
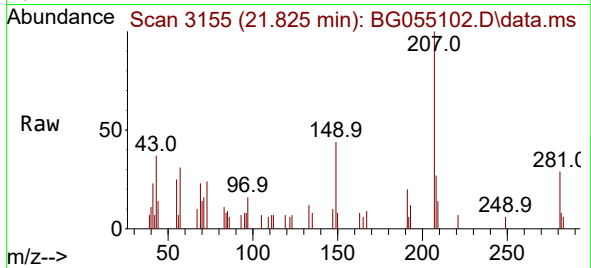




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.387 ng
 RT: 21.825 min Scan# 3155
 Delta R.T. -0.009 min
 Lab File: BG055102.D
 Acq: 7 Oct 2022 16:53

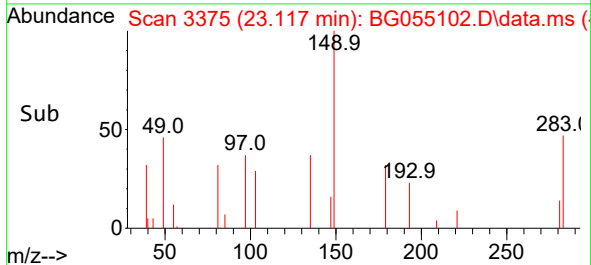
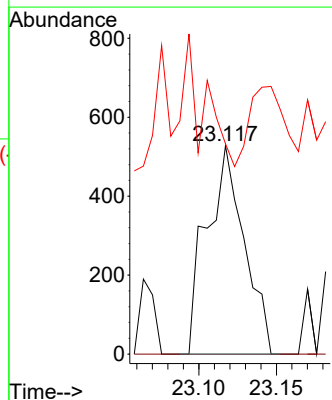
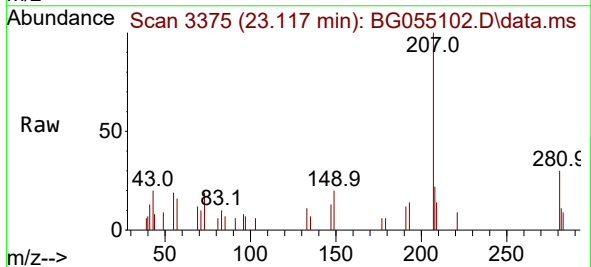
Instrument :
 BNA_G
 ClientSampleId :
 DSN003

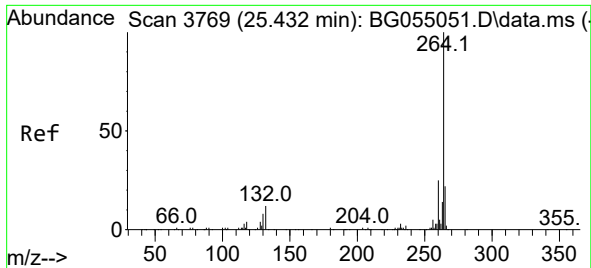
Tgt Ion:149 Resp: 2009
 Ion Ratio Lower Upper
 149 100
 167 20.0 21.0 31.4#
 279 0.0 3.4 5.2#



#85
 Di-n-octyl phthalate
 Concen: 4.416 ng
 RT: 23.117 min Scan# 3375
 Delta R.T. -0.009 min
 Lab File: BG055102.D
 Acq: 7 Oct 2022 16:53

Tgt Ion:149 Resp: 887
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 10.2 15.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.409 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG055102.D
Acq: 7 Oct 2022 16:53

Instrument :
BNA_G
ClientSampleId :
DSN003

Tgt Ion:264 Resp: 219567
Ion Ratio Lower Upper
264 100
260 23.4 19.7 29.5
265 21.2 17.8 26.6

