

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055099.D
 Acq On : 7 Oct 2022 14:43
 Operator : CG/JU
 Sample : N5018-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-3-(10-14)

Quant Time: Oct 08 03:09:40 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)

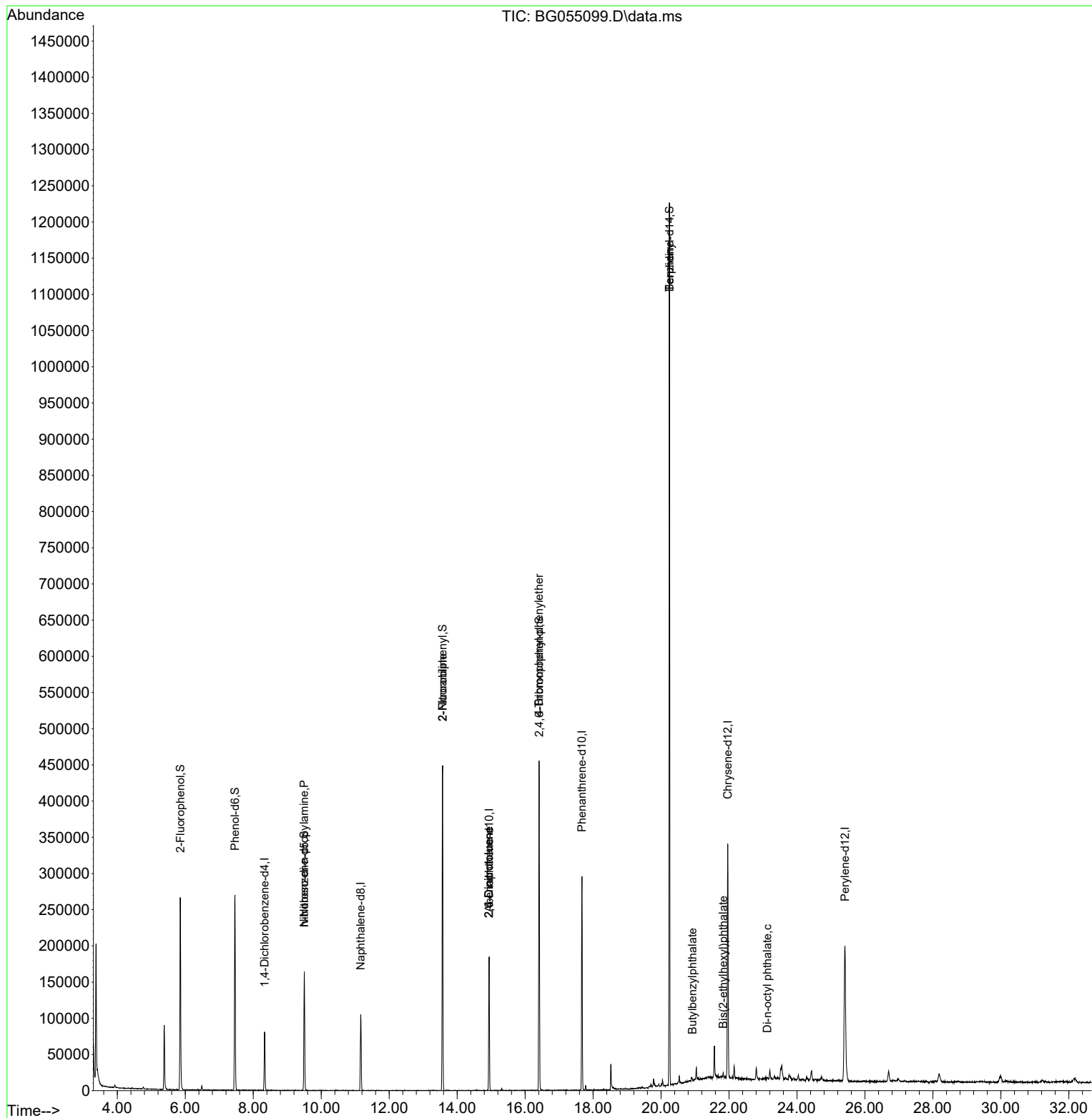
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	22984	20.000	ng	0.00
21) Naphthalene-d8	11.164	136	90864	20.000	ng	0.00
39) Acenaphthene-d10	14.942	164	65061	20.000	ng	0.00
64) Phenanthrene-d10	17.674	188	187102	20.000	ng	0.00
76) Chrysene-d12	21.963	240	208058	20.000	ng	0.00
86) Perylene-d12	25.412	264	222187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.853	112	112443	108.663	ng	0.00
7) Phenol-d6	7.463	99	149080	96.154	ng	0.00
23) Nitrobenzene-d5	9.501	82	95243	62.634	ng	0.00
42) 2,4,6-Tribromophenol	16.417	330	93672	138.134	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	232512	55.791	ng	0.00
79) Terphenyl-d14	20.248	244	589498	57.267	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.501	70	13288	8.848	ng	# 76
48) 2-Nitroaniline	13.573	65	412	4.455	ng	# 16
51) 2,6-Dinitrotoluene	14.936	165	8521	12.236	ng	# 13
57) 2,4-Dinitrotoluene	14.936	165	8521	9.987	ng	# 15
67) 4-Bromophenyl-phenylether	16.411	248	6012	3.038	ng	# 1
77) Benzidine	20.248	184	8596	2.398	ng	# 93
80) Butylbenzylphthalate	20.923	149	121	4.864	ng	# 61
84) Bis(2-ethylhexyl)phtha...	21.828	149	2091	4.396	ng	# 78
85) Di-n-octyl phthalate	23.132	149	1913	4.501	ng	# 70

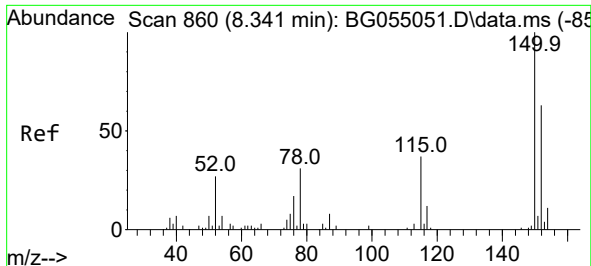
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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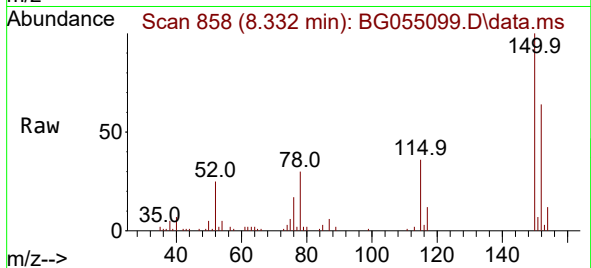
Quant Time: Oct 08 03:09:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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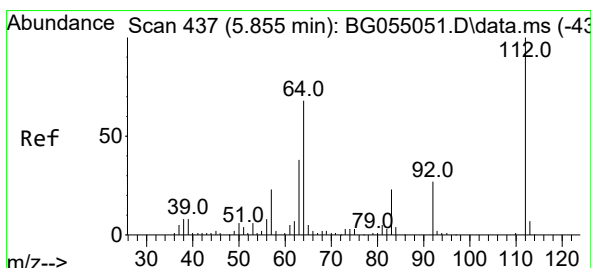
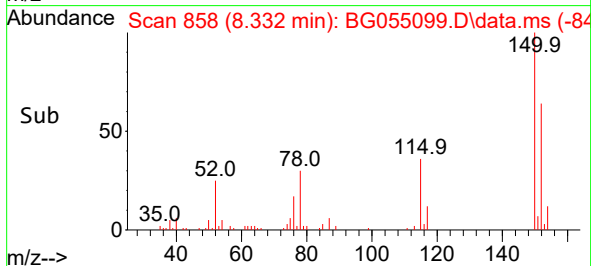
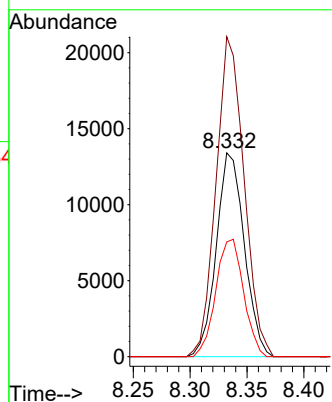


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.332 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(10-14)

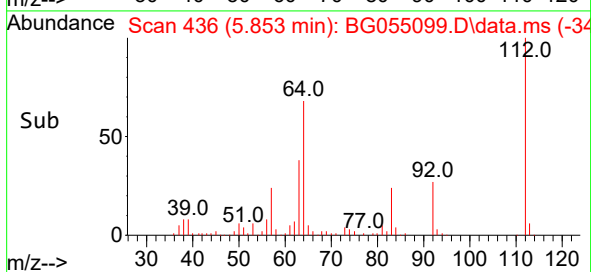
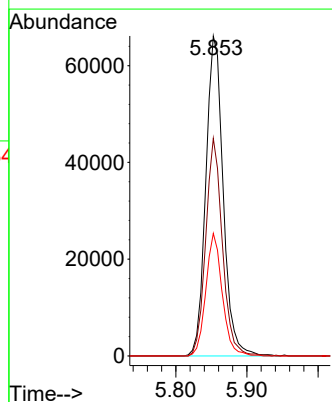
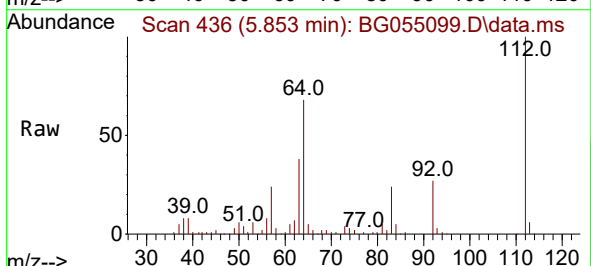


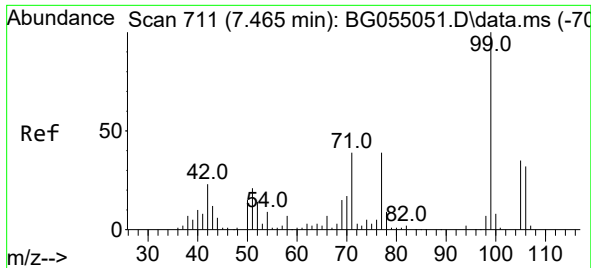
Tgt Ion:152 Resp: 22984
Ion Ratio Lower Upper
152 100
150 156.9 128.0 192.0
115 56.3 47.7 71.5



#5
2-Fluorophenol
Concen: 108.663 ng
RT: 5.853 min Scan# 436
Delta R.T. 0.000 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

Tgt Ion:112 Resp: 112443
Ion Ratio Lower Upper
112 100
64 68.0 54.5 81.7
63 38.3 30.5 45.7

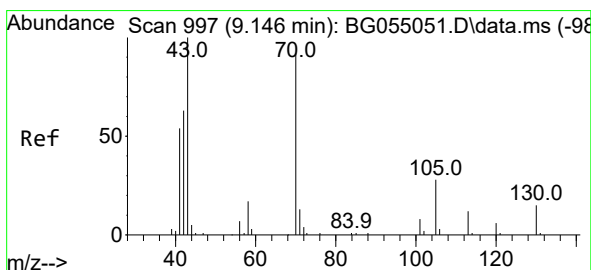
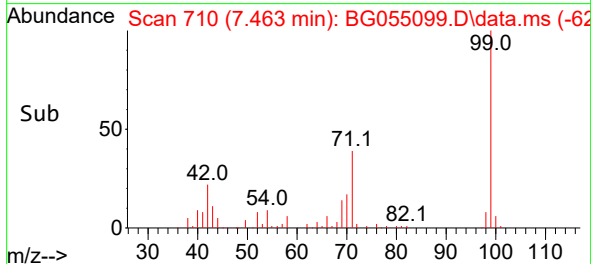
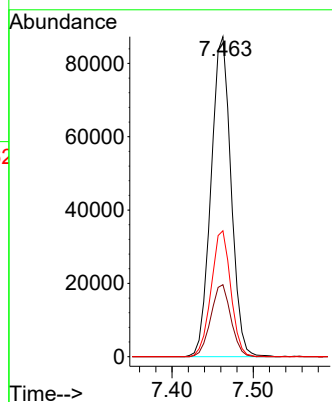
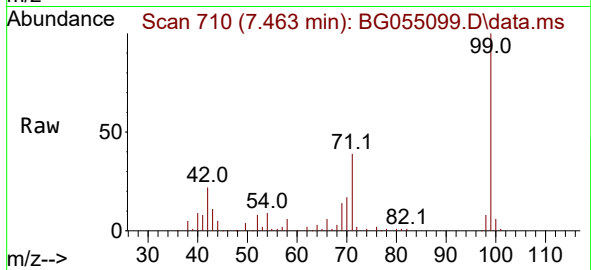




#7
Phenol-d6
Concen: 96.154 ng
RT: 7.463 min Scan# 711
Delta R.T. 0.000 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

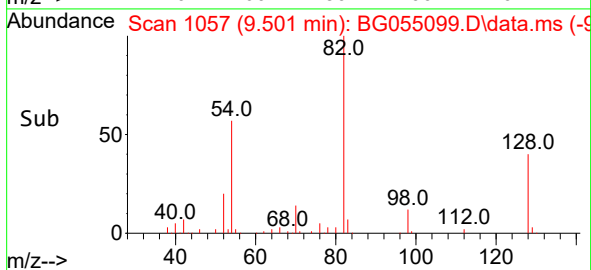
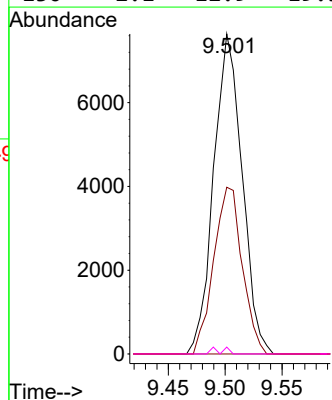
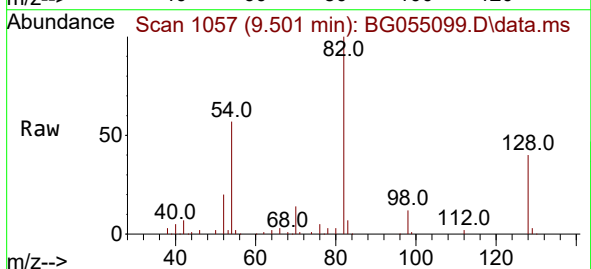
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(10-14)

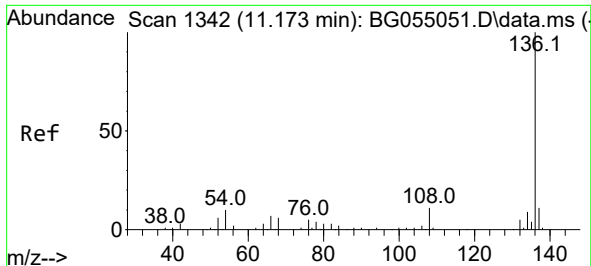
Tgt Ion: 99 Resp: 149080
Ion Ratio Lower Upper
99 100
42 22.5 18.6 28.0
71 39.3 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 8.848 ng
RT: 9.501 min Scan# 1057
Delta R.T. 0.365 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

Tgt Ion: 70 Resp: 13288
Ion Ratio Lower Upper
70 100
42 52.1 55.8 83.6#
101 0.0 7.1 10.7#
130 2.1 12.9 19.3#

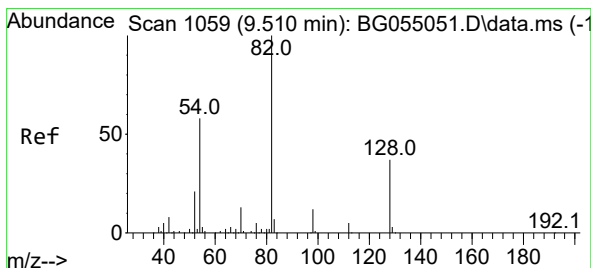
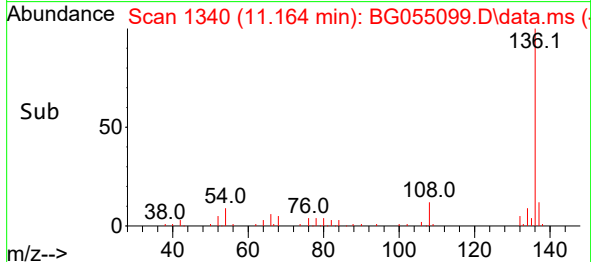
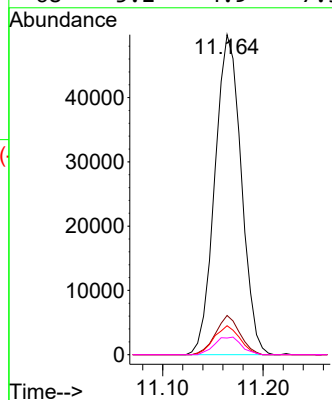
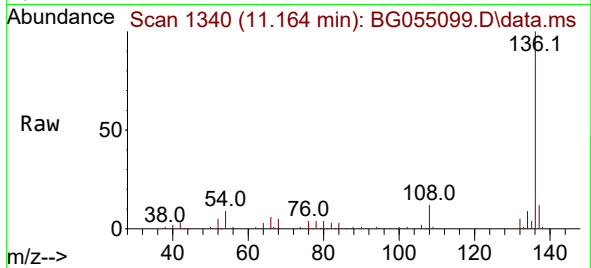




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.164 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

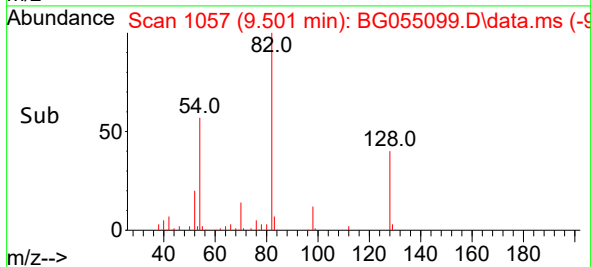
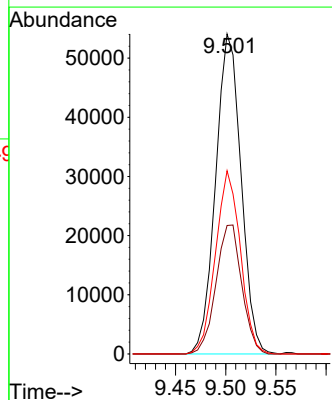
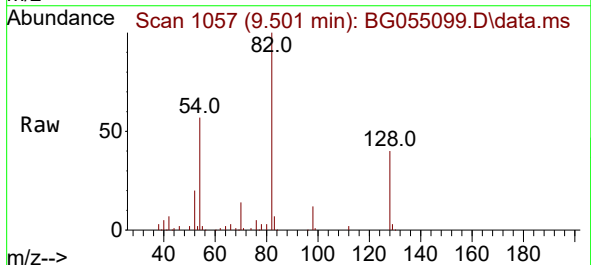
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(10-14)

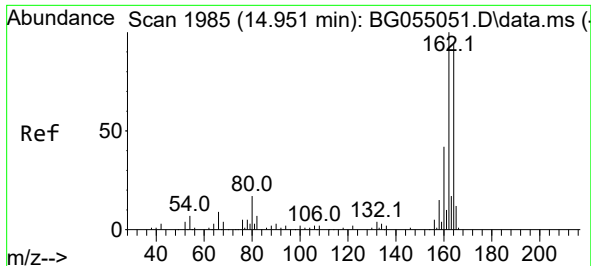
Tgt Ion:136	Resp:	90864
Ion Ratio	Lower	Upper
136	100	
137	12.2	8.7 13.1
54	9.0	8.2 12.4
68	5.2	4.9 7.3



#23
Nitrobenzene-d5
Concen: 62.634 ng
RT: 9.501 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

Tgt Ion: 82	Resp:	95243
Ion Ratio	Lower	Upper
82	100	
128	40.2	29.5 44.3
54	57.2	46.7 70.1

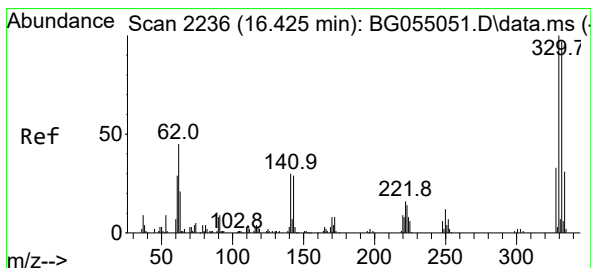
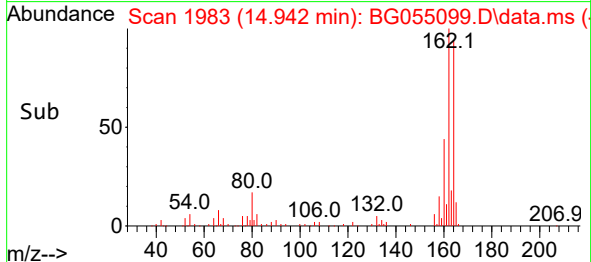
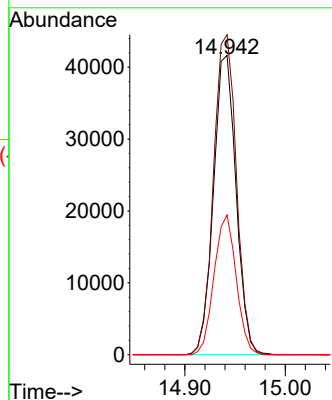
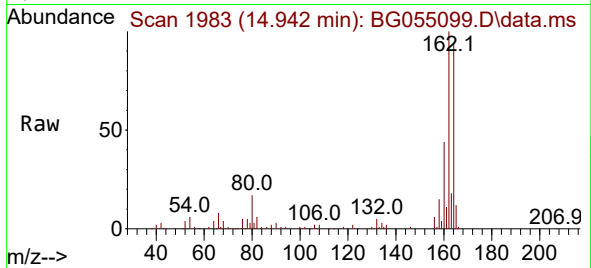




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.942 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

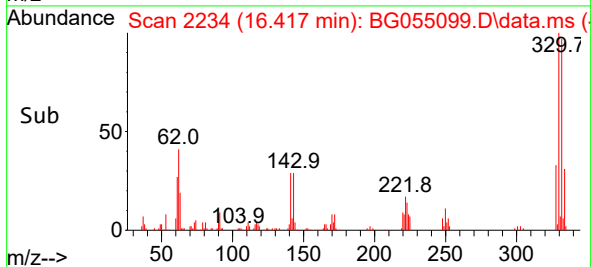
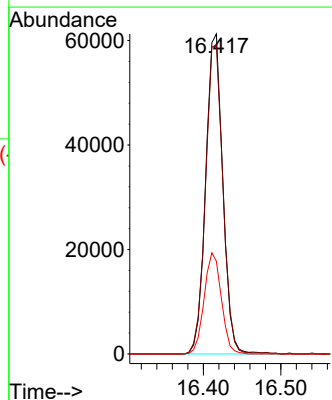
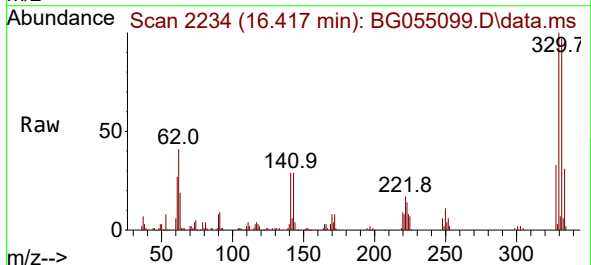
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(10-14)

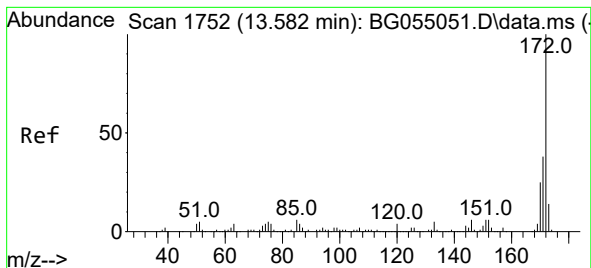
Tgt Ion:164 Resp: 65061
Ion Ratio Lower Upper
164 100
162 106.9 85.5 128.3
160 46.7 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 138.134 ng
RT: 16.417 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

Tgt Ion:330 Resp: 93672
Ion Ratio Lower Upper
330 100
332 98.7 77.4 116.0
141 31.7 25.0 37.4

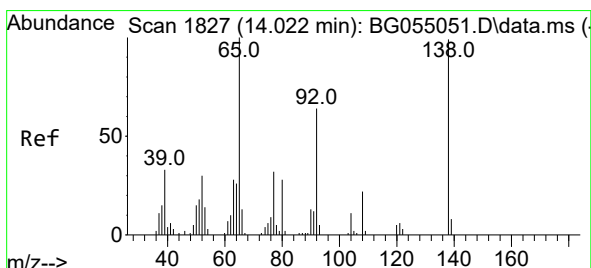
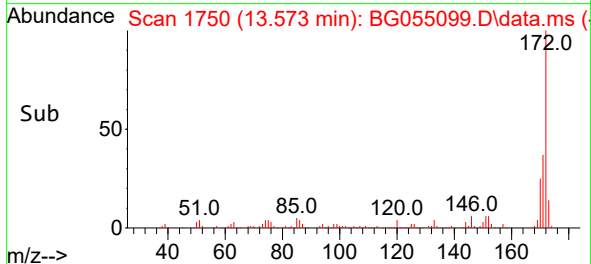
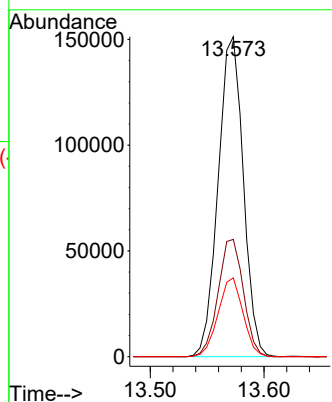
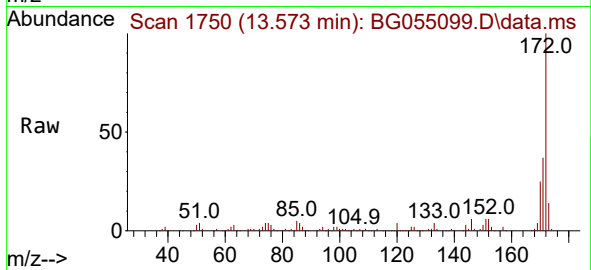




#45
2-Fluorobiphenyl
Concen: 55.791 ng
RT: 13.573 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

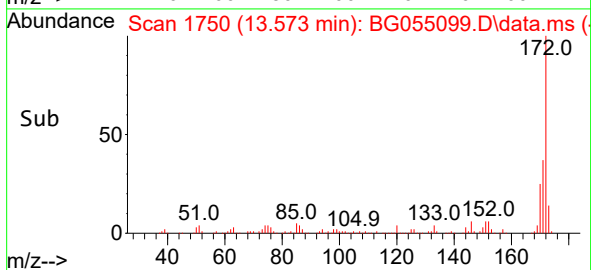
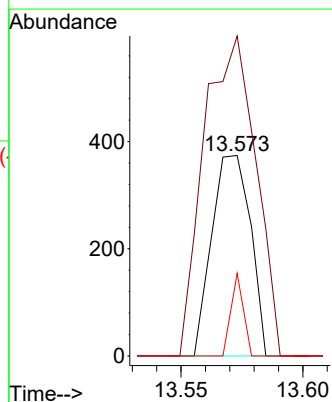
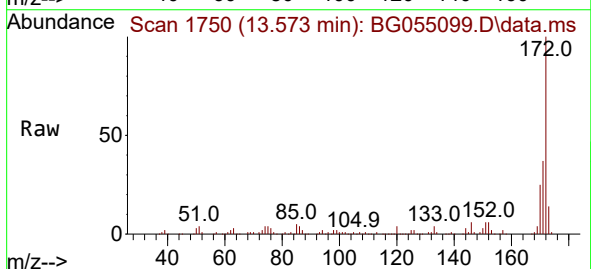
Instrument :
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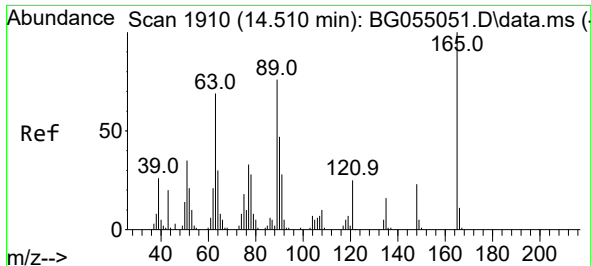
Tgt Ion:172 Resp: 232512
Ion Ratio Lower Upper
172 100
171 36.6 30.1 45.1
170 24.7 20.0 30.0



#48
2-Nitroaniline
Concen: 4.455 ng
RT: 13.573 min Scan# 1750
Delta R.T. -0.446 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

Tgt Ion: 65 Resp: 412
Ion Ratio Lower Upper
65 100
92 159.6 50.9 76.3#
138 41.2 79.5 119.3#

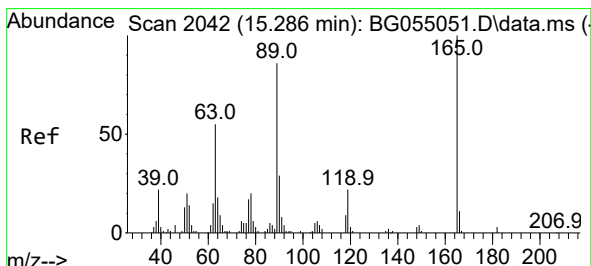
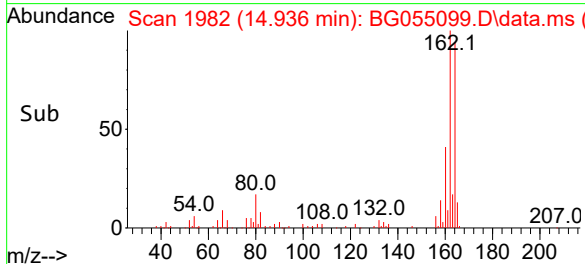
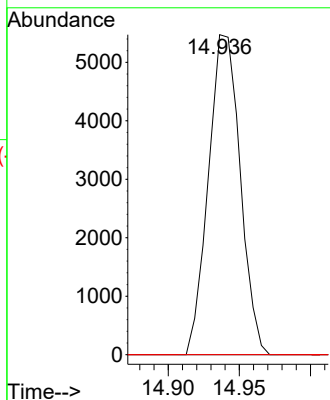
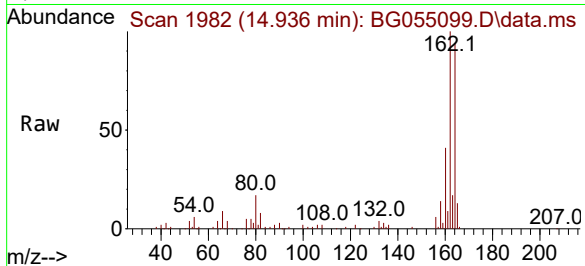




#51
2,6-Dinitrotoluene
Concen: 12.236 ng
RT: 14.936 min Scan# 1910
Delta R.T. 0.429 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

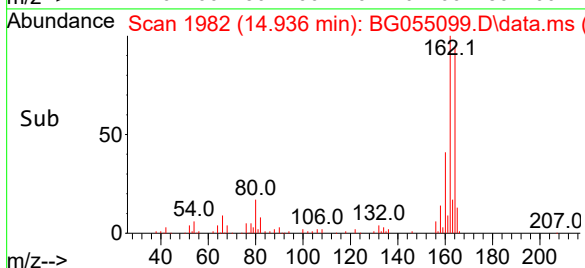
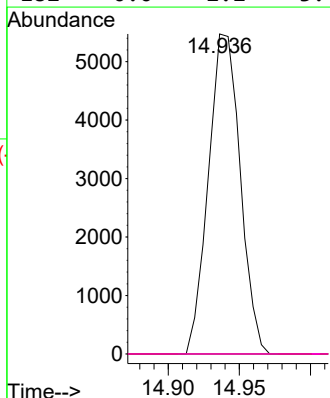
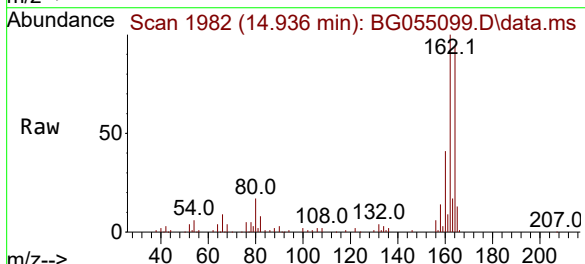
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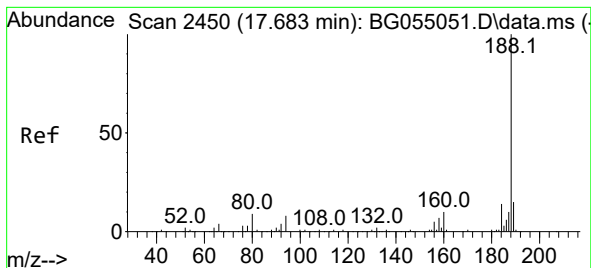
Tgt Ion:165 Resp: 8521
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.987 ng
RT: 14.936 min Scan# 1982
Delta R.T. -0.346 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

Tgt Ion:165 Resp: 8521
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: 17.674 min Scan# 2450

Delta R.T. 0.000 min

Lab File: BG055099.D

Acq: 7 Oct 2022 14:43

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(10-14)

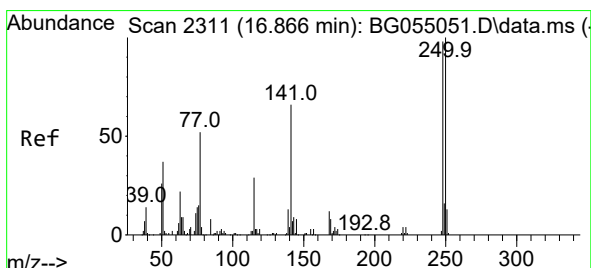
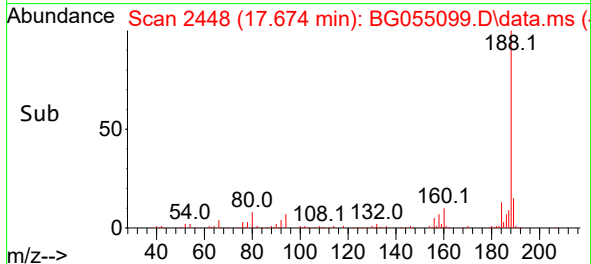
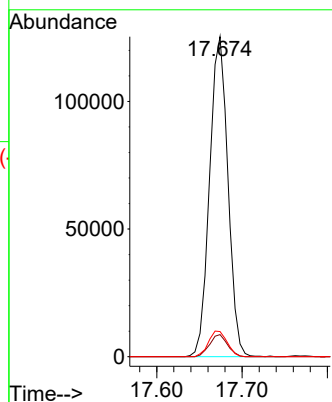
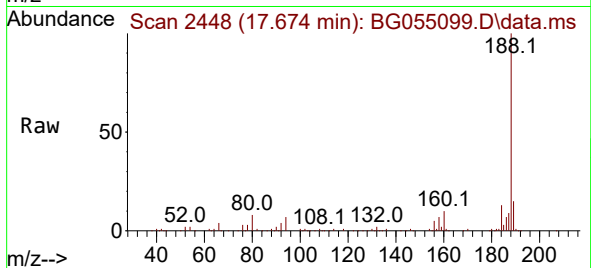
Tgt Ion:188 Resp: 187102

Ion Ratio Lower Upper

188 100

94 6.9 6.2 9.2

80 7.8 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.038 ng

RT: 16.411 min Scan# 2233

Delta R.T. -0.446 min

Lab File: BG055099.D

Acq: 7 Oct 2022 14:43

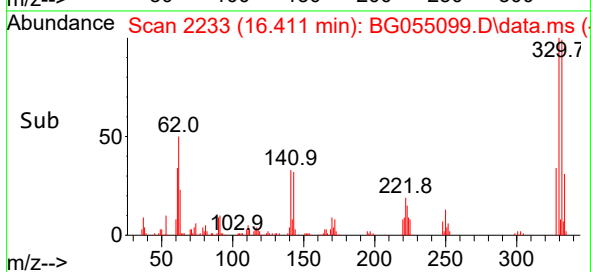
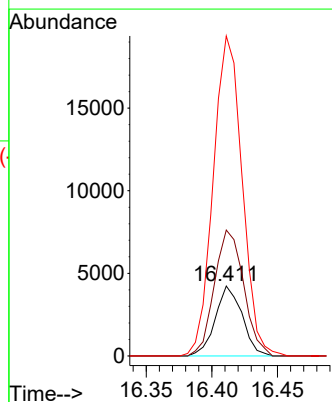
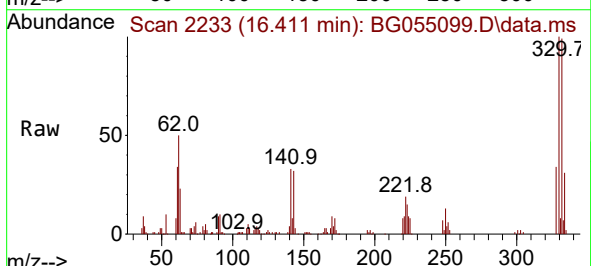
Tgt Ion:248 Resp: 6012

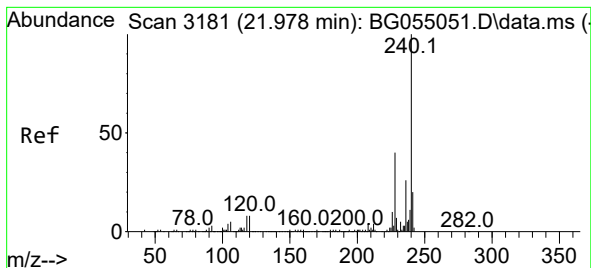
Ion Ratio Lower Upper

248 100

250 180.0 81.7 122.5#

141 457.3 53.7 80.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.963 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG055099.D

Acq: 7 Oct 2022 14:43

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(10-14)

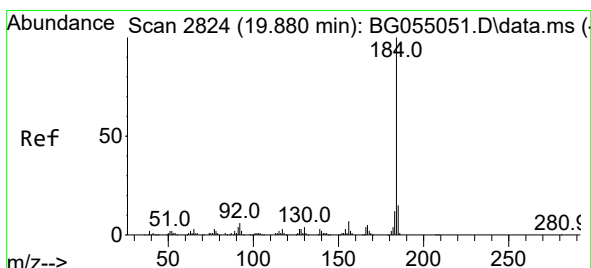
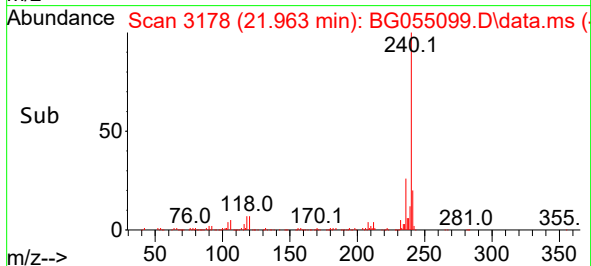
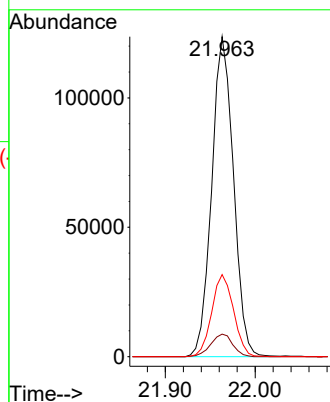
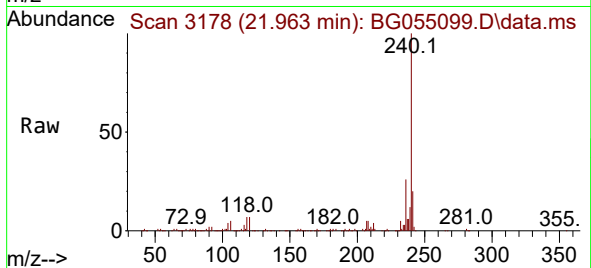
Tgt Ion:240 Resp: 208058

Ion Ratio Lower Upper

240 100

120 7.0 6.2 9.4

236 25.7 20.6 30.8



#77

Benzidine

Concen: 2.398 ng

RT: 20.248 min Scan# 2886

Delta R.T. 0.376 min

Lab File: BG055099.D

Acq: 7 Oct 2022 14:43

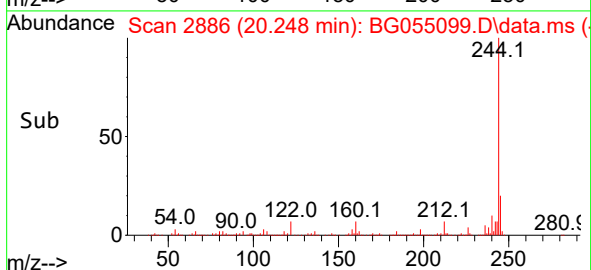
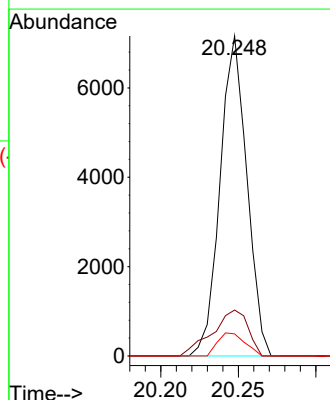
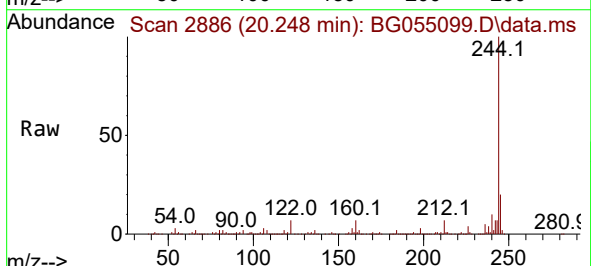
Tgt Ion:184 Resp: 8596

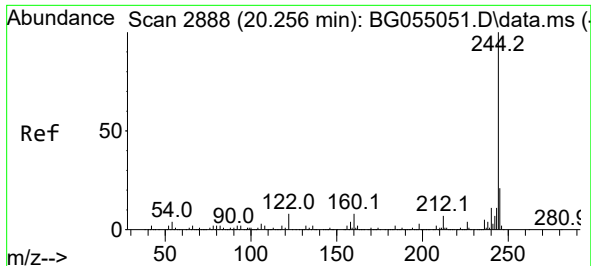
Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

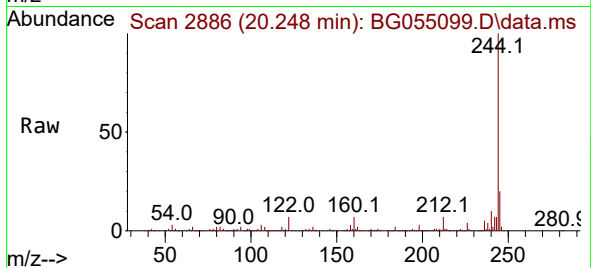
183 6.9 9.4 14.0#



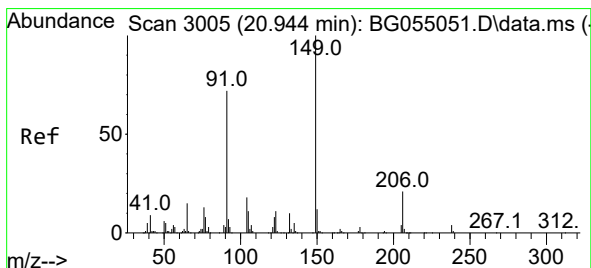
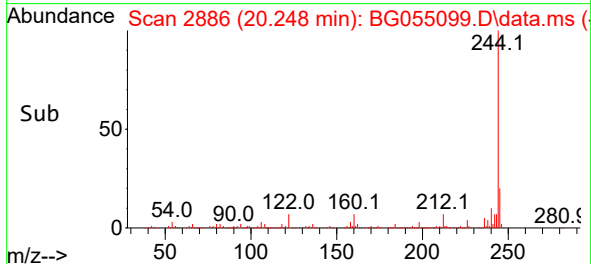
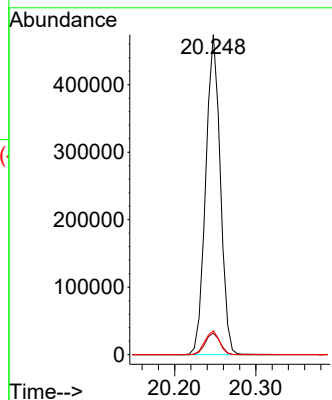


#79
 Terphenyl-d14
 Concen: 57.267 ng
 RT: 20.248 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055099.D
 Acq: 7 Oct 2022 14:43

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-3-(10-14)

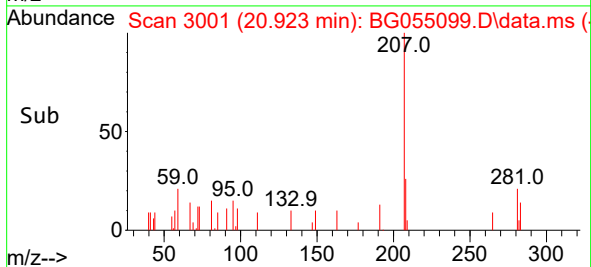
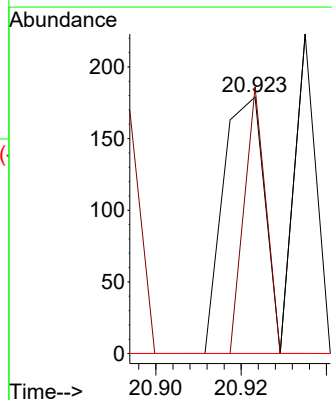
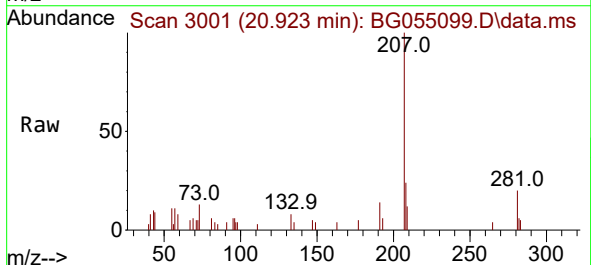


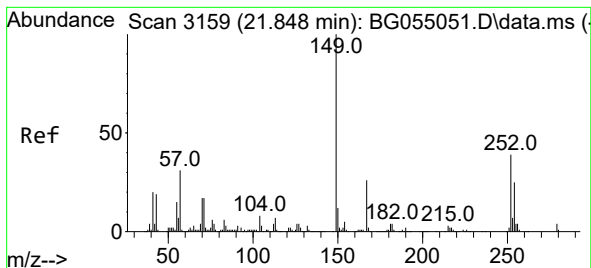
Tgt Ion:244 Resp: 589498
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 7.4 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.864 ng
 RT: 20.923 min Scan# 3001
 Delta R.T. -0.011 min
 Lab File: BG055099.D
 Acq: 7 Oct 2022 14:43

Tgt Ion:149 Resp: 121
 Ion Ratio Lower Upper
 149 100
 91 103.9 57.8 86.8#
 206 0.0 16.9 25.3#

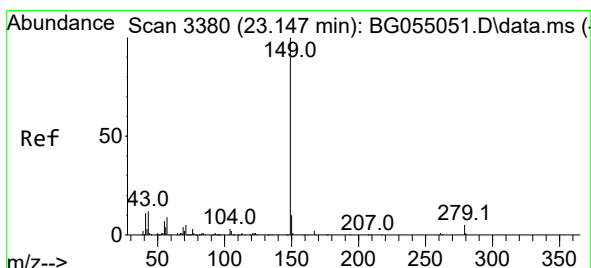
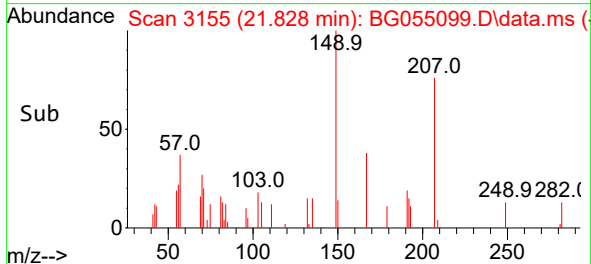
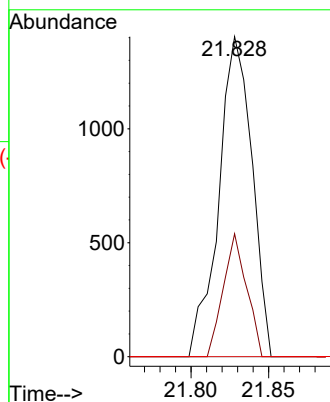
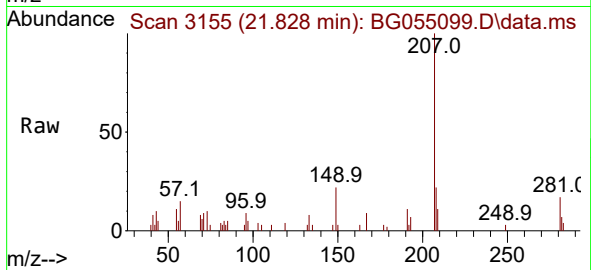




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.396 ng
RT: 21.828 min Scan# 3155
Delta R.T. -0.006 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

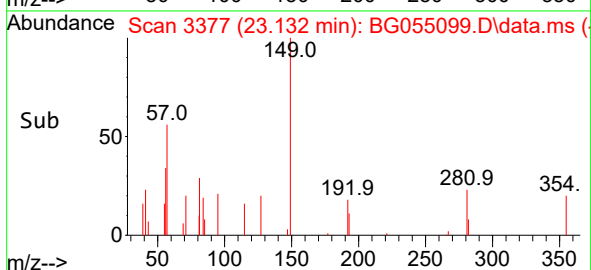
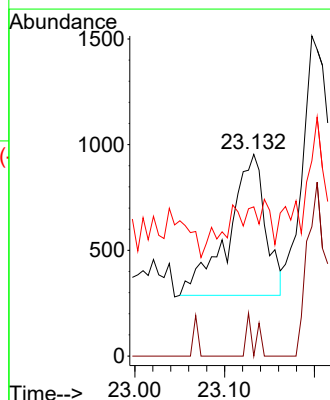
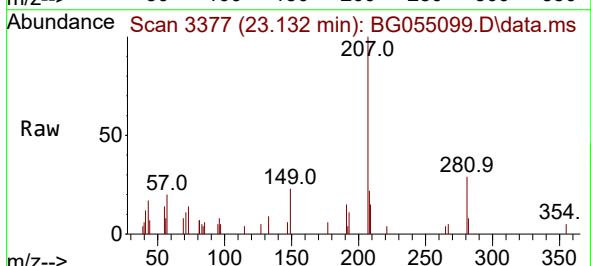
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(10-14)

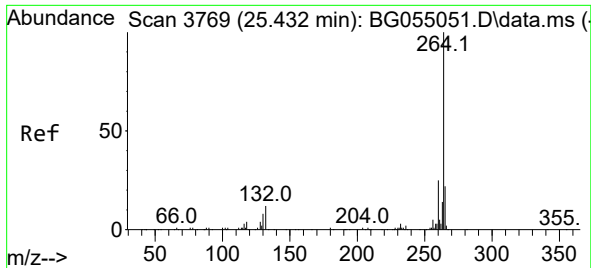
Tgt Ion:149 Resp: 2091
Ion Ratio Lower Upper
149 100
167 38.4 21.0 31.4#
279 0.0 3.4 5.2#



#85
Di-n-octyl phthalate
Concen: 4.501 ng
RT: 23.132 min Scan# 3377
Delta R.T. 0.006 min
Lab File: BG055099.D
Acq: 7 Oct 2022 14:43

Tgt Ion:149 Resp: 1913
Ion Ratio Lower Upper
149 100
167 6.6 1.3 1.9#
43 0.0 10.2 15.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.412 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG055099.D

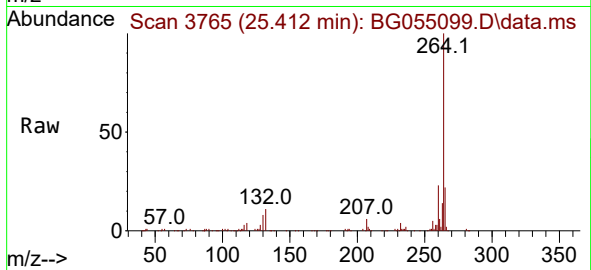
Acq: 7 Oct 2022 14:43

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(10-14)



Tgt Ion:264 Resp: 222187

Ion Ratio Lower Upper

264 100

260 22.9 19.7 29.5

265 21.9 17.8 26.6

