

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055106.D
 Acq On : 7 Oct 2022 19:46
 Operator : CG/JU
 Sample : N5018-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-3-(14-16)

Quant Time: Oct 08 03:11:06 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)

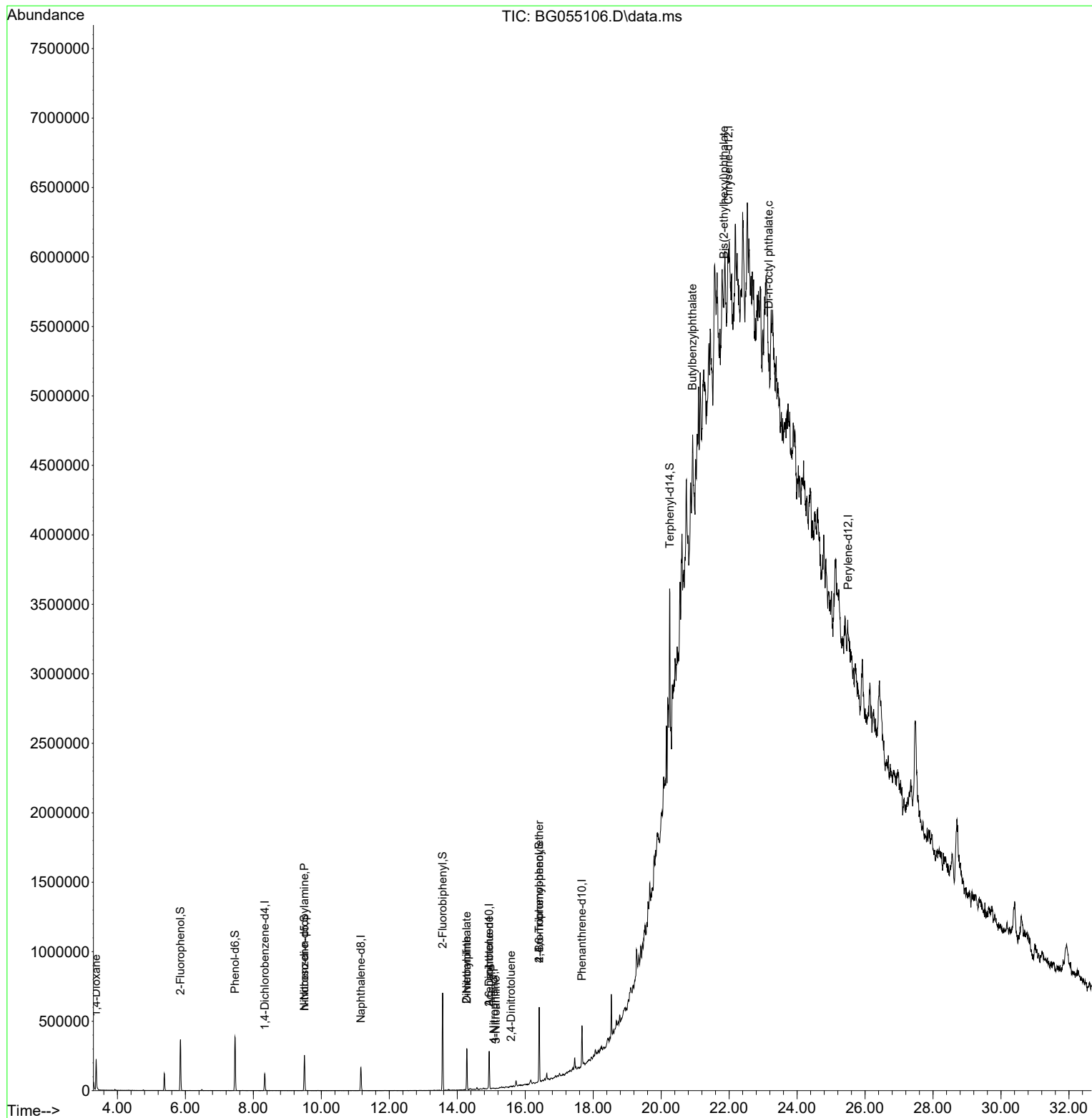
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	34303	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	143386	20.000	ng	# 0.00
39) Acenaphthene-d10	14.939	164	91918	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	178912	20.000	ng	0.00
76) Chrysene-d12	21.983	240	186716	20.000	ng	# 0.01
86) Perylene-d12	25.503	264	207488	20.000	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.855	112	156445	101.299	ng	0.00
7) Phenol-d6	7.465	99	212500	91.833	ng	0.00
23) Nitrobenzene-d5	9.504	82	146450	61.031	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	108246	114.132	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	364527	61.911	ng	0.00
79) Terphenyl-d14	20.256	244	524467	56.773	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	2295	2.626	ng	# 1
19) n-Nitroso-di-n-propyla...	9.504	70	21063	9.397	ng	# 76
48) 2-Nitroaniline	14.281	65	3775	6.499	ng	# 29
50) Dimethylphthalate	14.281	163	17234	2.762	ng	# 90
51) 2,6-Dinitrotoluene	14.939	165	12165	12.328	ng	# 16
53) 3-Nitroaniline	15.138	138	54	2.967	ng	# 1
56) 4-Nitrophenol	15.080	139	54	4.961	ng	# 1
57) 2,4-Dinitrotoluene	15.585	165	423	3.829	ng	# 15
67) 4-Bromophenyl-phenylether	16.413	248	6818	3.603	ng	# 1
80) Butylbenzylphthalate	20.926	149	7967	6.681	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.848	149	21064	7.415	ng	# 56
85) Di-n-octyl phthalate	23.164	149	2092	4.536	ng	# 63

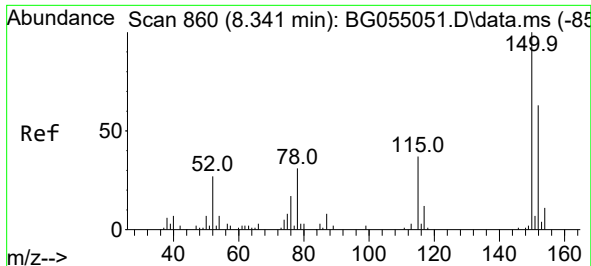
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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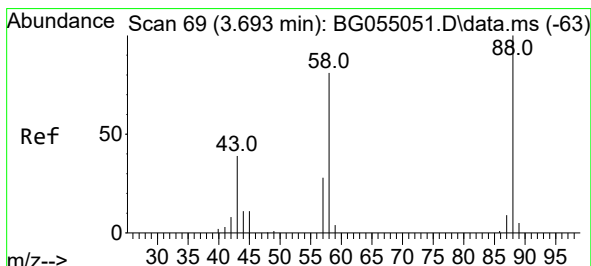
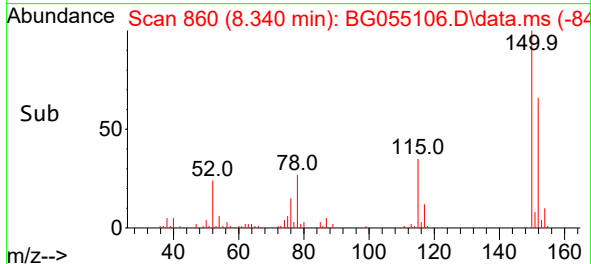
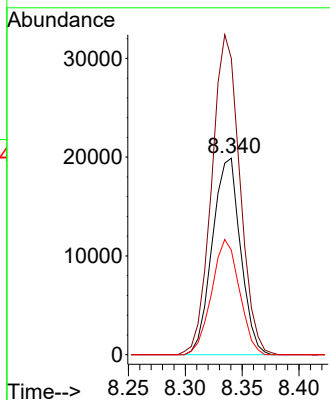
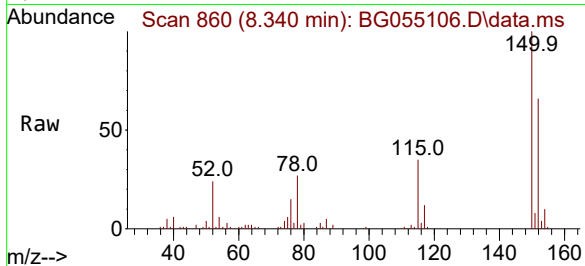




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 8
Delta R.T. 0.002 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

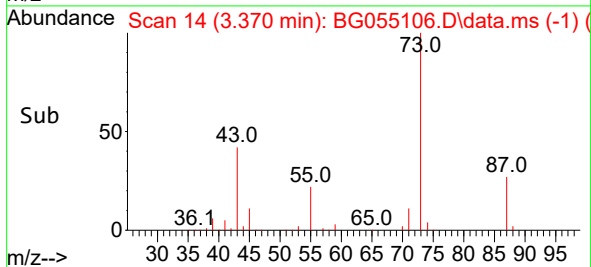
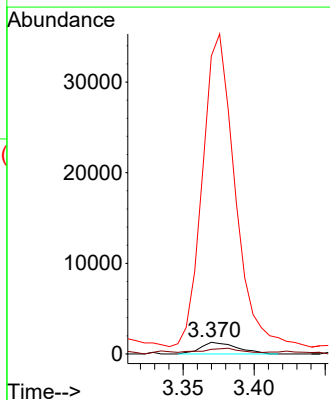
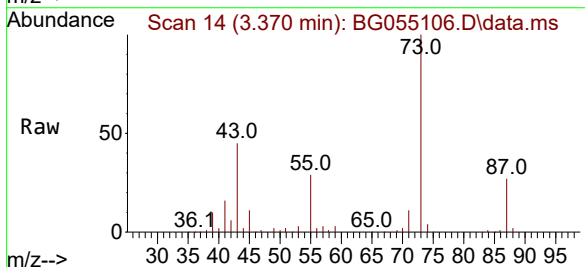
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(14-16)

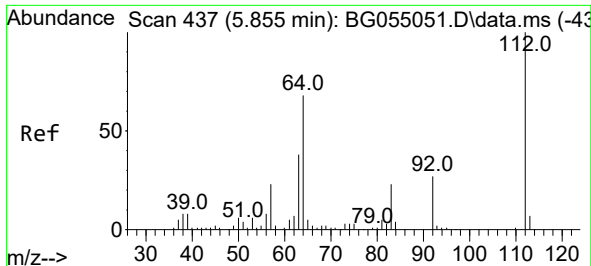
Tgt Ion:152 Resp: 34303
Ion Ratio Lower Upper
152 100
150 150.8 128.0 192.0
115 53.2 47.7 71.5



#2
1,4-Dioxane
Concen: 2.626 ng
RT: 3.370 min Scan# 14
Delta R.T. -0.314 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Tgt Ion: 88 Resp: 2295
Ion Ratio Lower Upper
88 100
58 56.4 62.6 94.0#
43 2401.5 29.0 43.6#

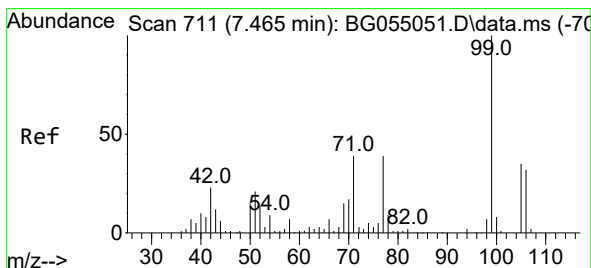
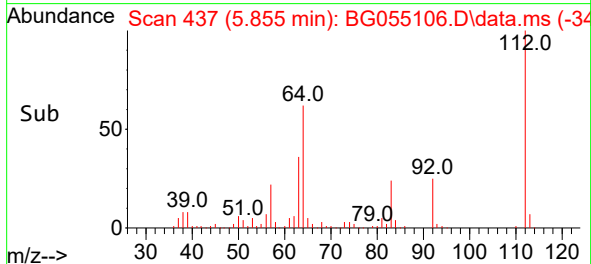
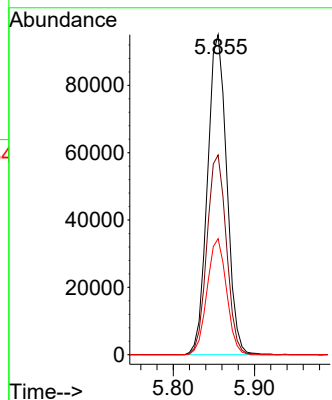
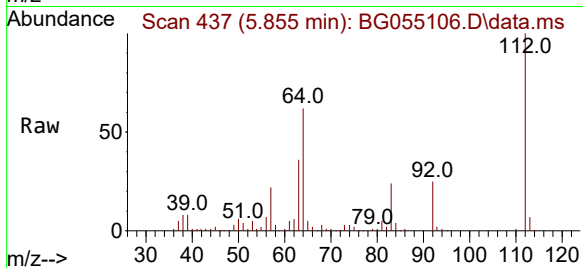




#5
2-Fluorophenol
Concen: 101.299 ng
RT: 5.855 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

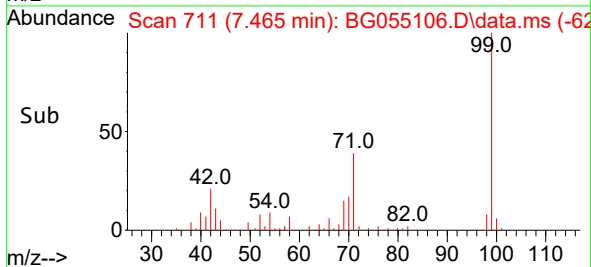
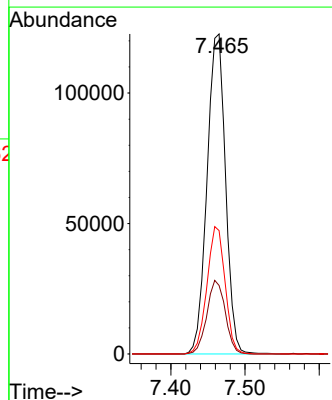
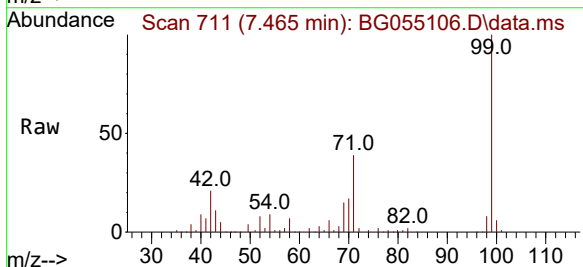
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(14-16)

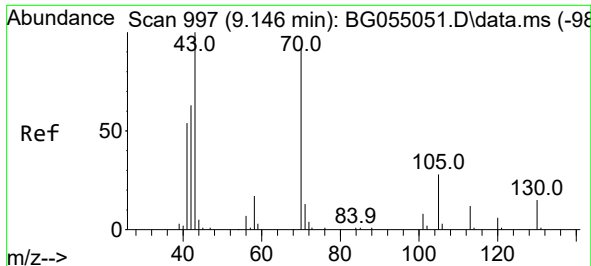
Tgt Ion:112 Resp: 156445
Ion Ratio Lower Upper
112 100
64 62.4 54.5 81.7
63 36.3 30.5 45.7



#7
Phenol-d6
Concen: 91.833 ng
RT: 7.465 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Tgt Ion: 99 Resp: 212500
Ion Ratio Lower Upper
99 100
42 21.4 18.6 28.0
71 38.5 31.2 46.8





#19

n-Nitroso-di-n-propylamine

Concen: 9.397 ng

RT: 9.504 min Scan# 1058

Delta R.T. 0.367 min

Lab File: BG055106.D

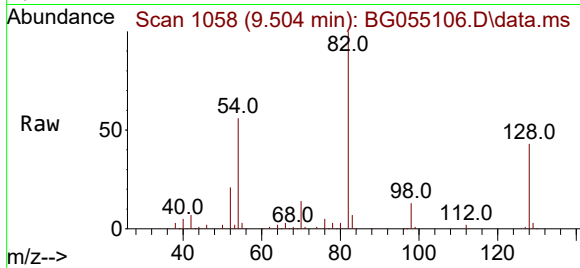
Acq: 7 Oct 2022 19:46

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(14-16)



Tgt Ion: 70 Resp: 21063

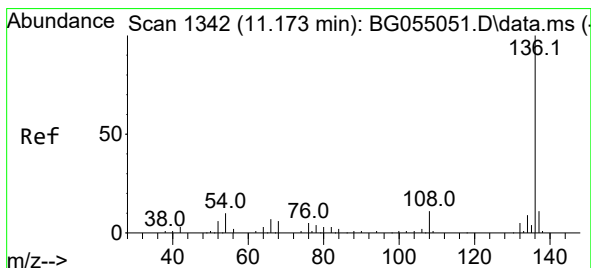
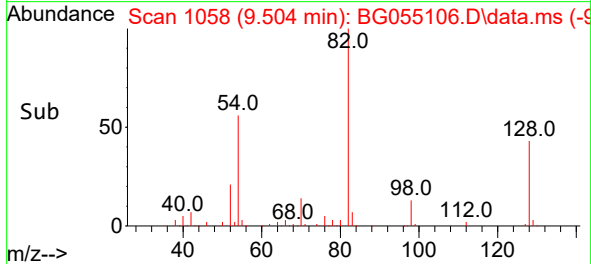
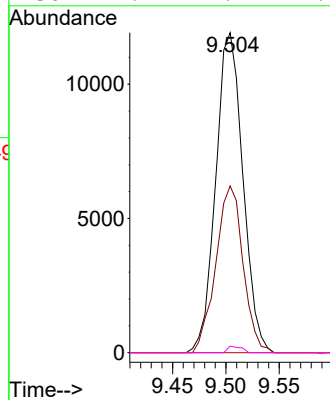
Ion Ratio Lower Upper

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: 11.167 min Scan# 1341

Delta R.T. -0.003 min

Lab File: BG055106.D

Acq: 7 Oct 2022 19:46

Tgt Ion:136 Resp: 143386

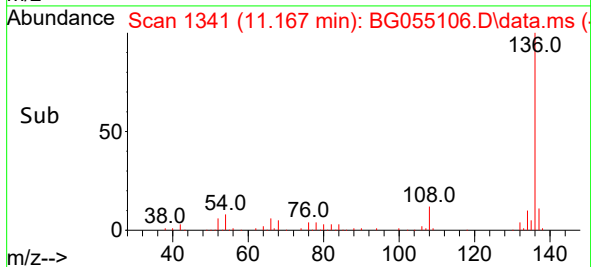
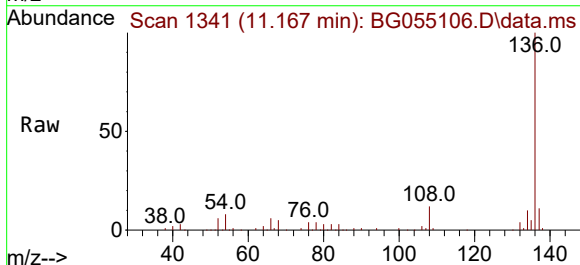
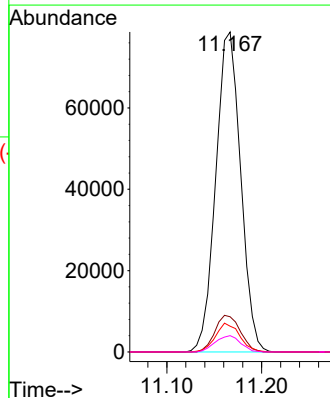
Ion Ratio Lower Upper

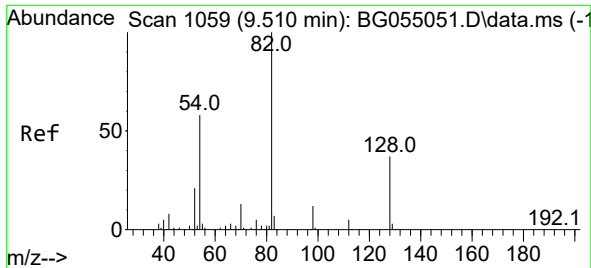
136 100

137 11.0 8.7 13.1

54 8.0 8.2 12.4#

68 5.1 4.9 7.3

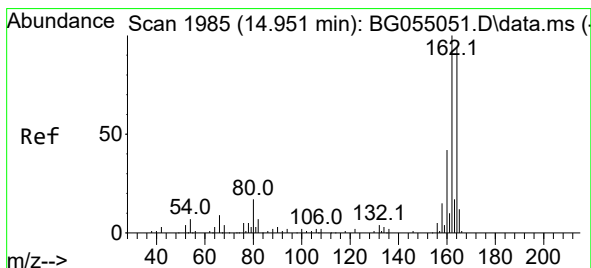
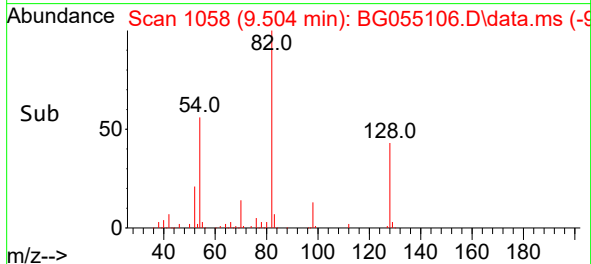
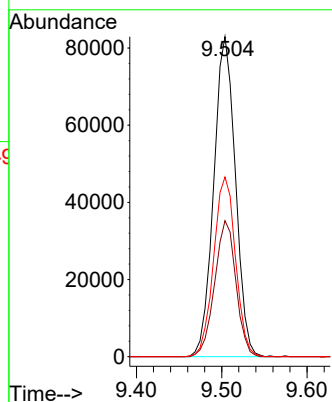
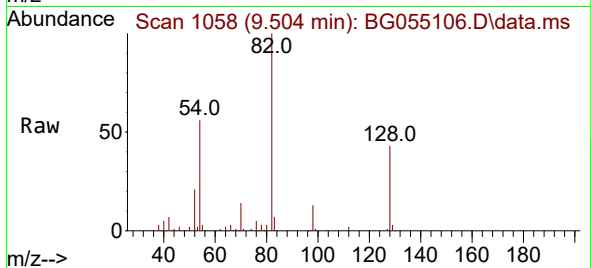




#23
Nitrobenzene-d5
Concen: 61.031 ng
RT: 9.504 min Scan# 1058
Delta R.T. -0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

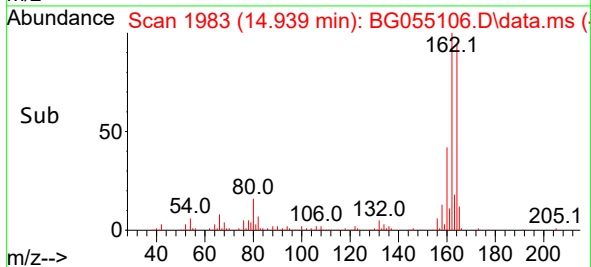
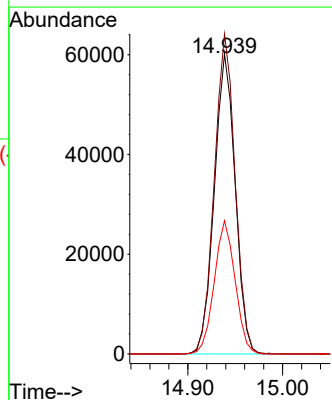
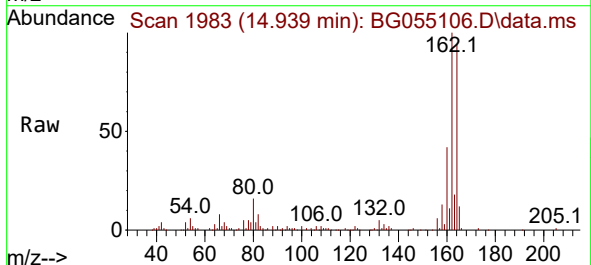
Instrument :
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ClientSampleId :
SASP2-T-3-(14-16)

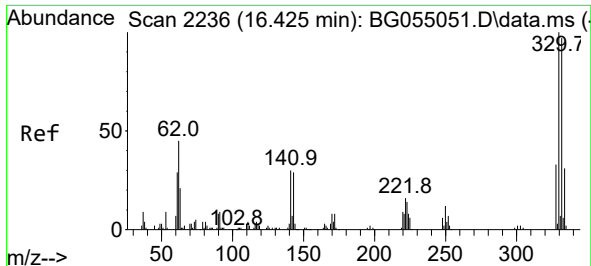
Tgt Ion: 82 Resp: 146450
Ion Ratio Lower Upper
82 100
128 42.5 29.5 44.3
54 56.2 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

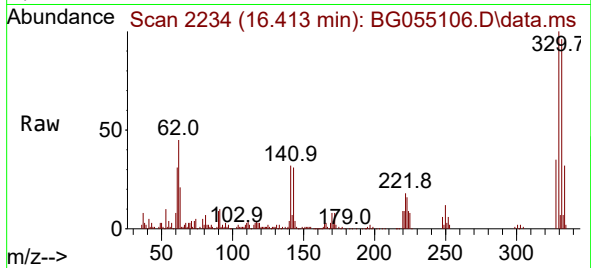
Tgt Ion:164 Resp: 91918
Ion Ratio Lower Upper
164 100
162 106.7 85.5 128.3
160 44.4 35.5 53.3



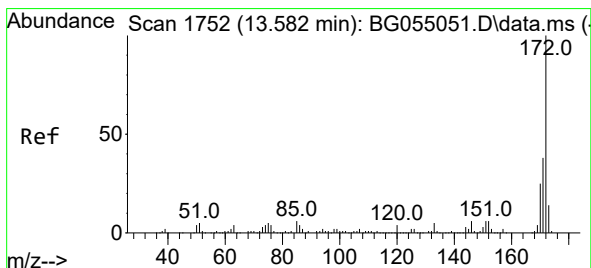
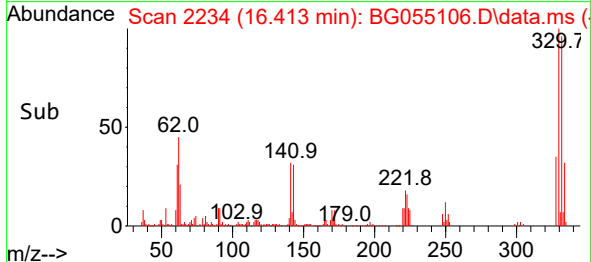
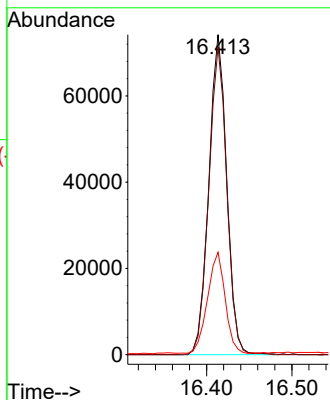


#42
2,4,6-Tribromophenol
Concen: 114.132 ng
RT: 16.413 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(14-16)

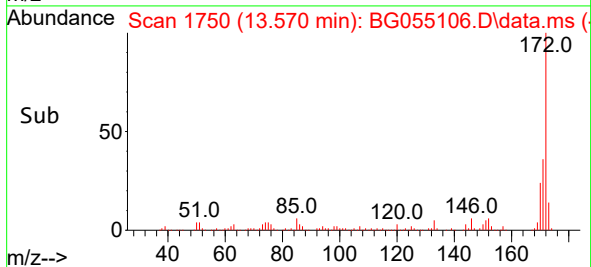
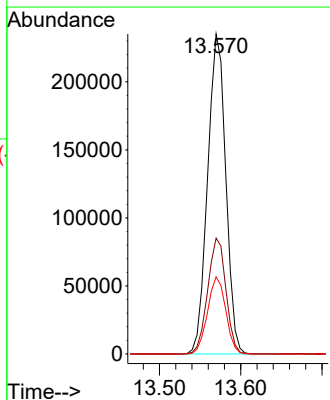
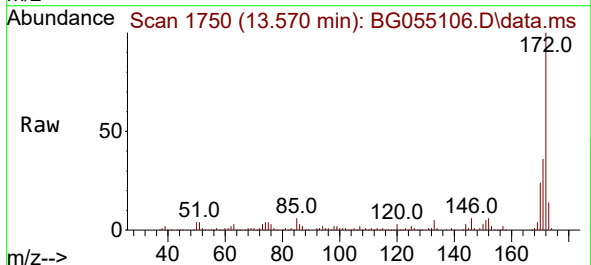


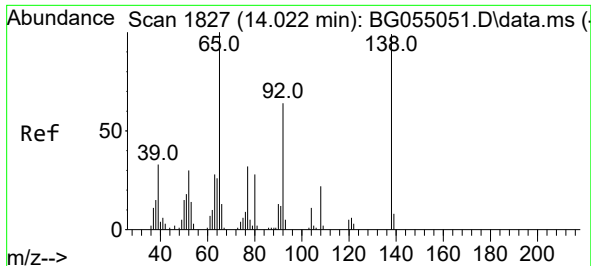
Tgt Ion:330 Resp: 108246
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 31.1 25.0 37.4



#45
2-Fluorobiphenyl
Concen: 61.911 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Tgt Ion:172 Resp: 364527
Ion Ratio Lower Upper
172 100
171 36.2 30.1 45.1
170 24.1 20.0 30.0

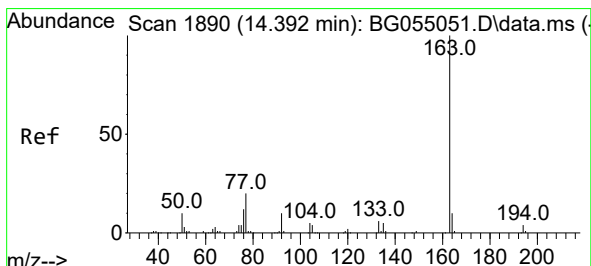
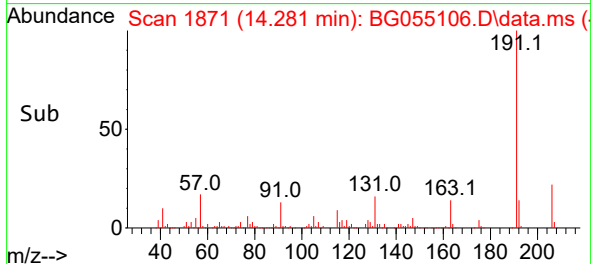
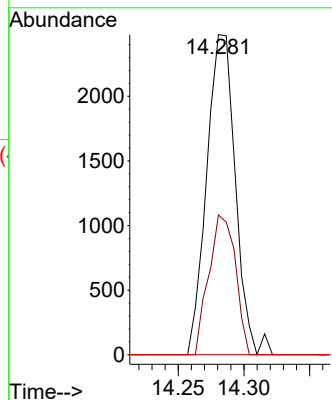
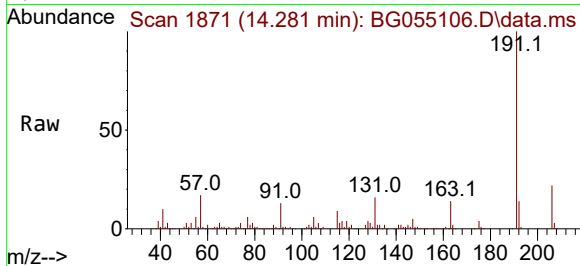




#48
2-Nitroaniline
Concen: 6.499 ng
RT: 14.281 min Scan# 1871
Delta R.T. 0.261 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

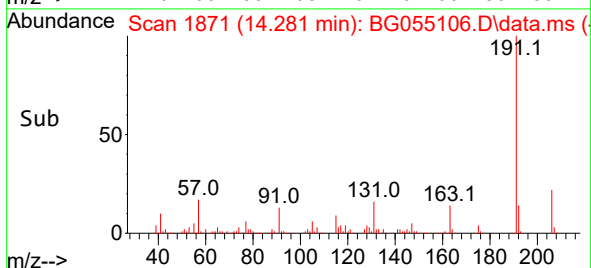
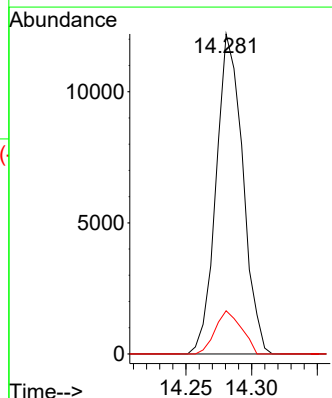
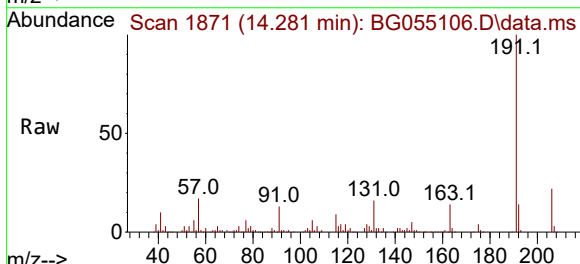
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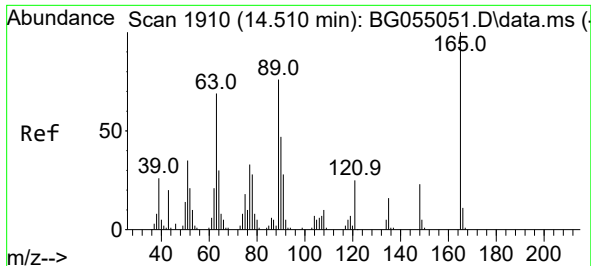
Tgt Ion: 65 Resp: 3775
Ion Ratio Lower Upper
65 100
92 43.7 50.9 76.3#
138 0.0 79.5 119.3#



#50
Dimethylphthalate
Concen: 2.762 ng
RT: 14.281 min Scan# 1871
Delta R.T. -0.103 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Tgt Ion:163 Resp: 17234
Ion Ratio Lower Upper
163 100
194 0.0 2.9 4.3#
164 13.5 7.9 11.9#

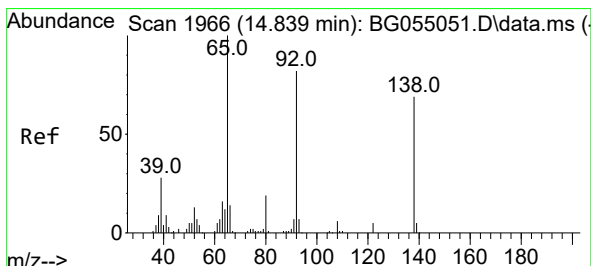
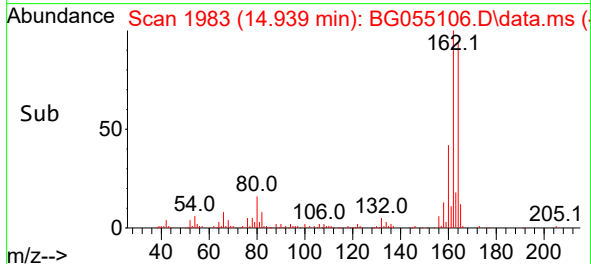
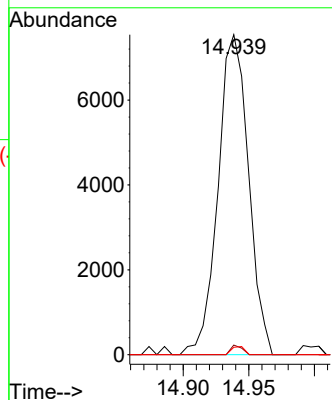
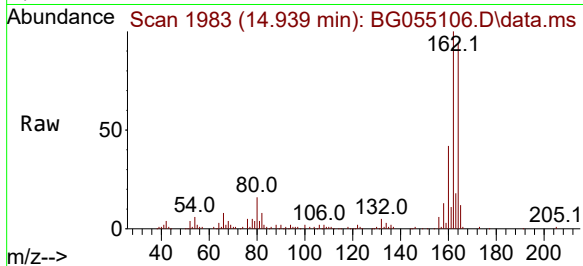




#51
2,6-Dinitrotoluene
Concen: 12.328 ng
RT: 14.939 min Scan# 1910
Delta R.T. 0.432 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

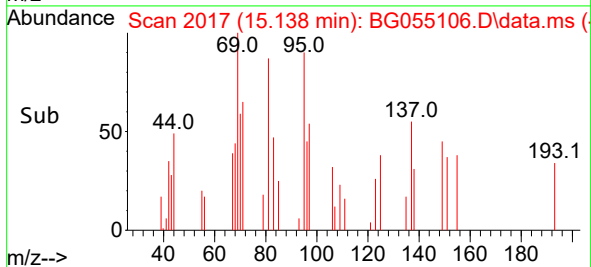
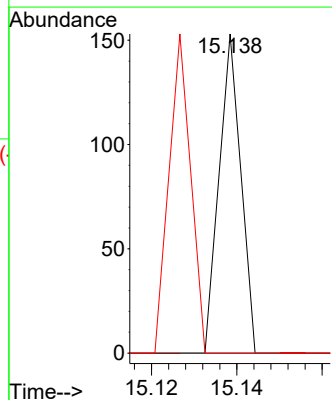
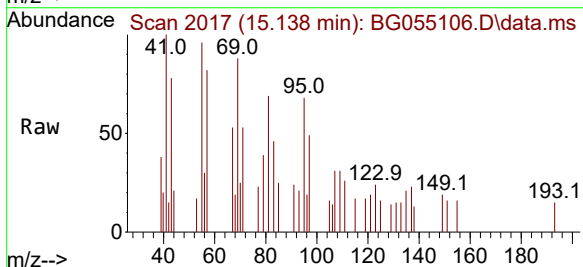
Instrument :
BNA_G
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SASP2-T-3-(14-16)

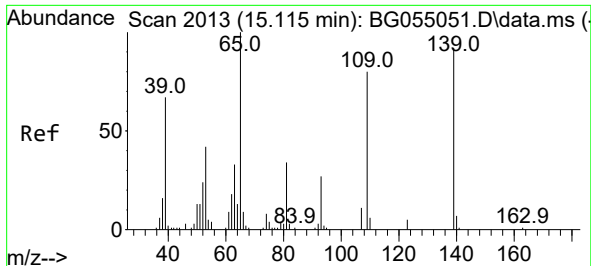
Tgt Ion:165 Resp: 12165
Ion Ratio Lower Upper
165 100
63 3.0 56.2 84.4#
89 2.3 60.4 90.6#



#53
3-Nitroaniline
Concen: 2.967 ng
RT: 15.138 min Scan# 2017
Delta R.T. 0.302 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Tgt Ion:138 Resp: 54
Ion Ratio Lower Upper
138 100
108 0.0 6.9 10.3#
92 0.0 94.2 141.4#

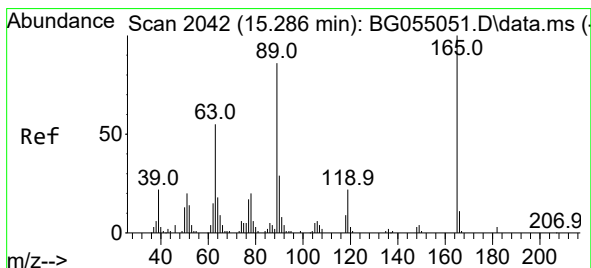
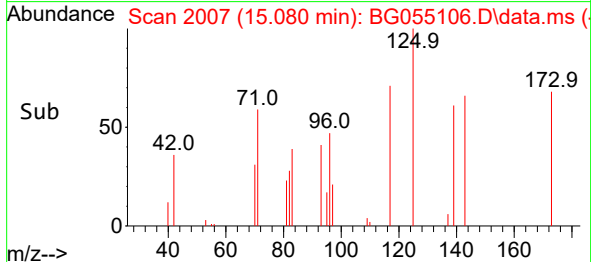
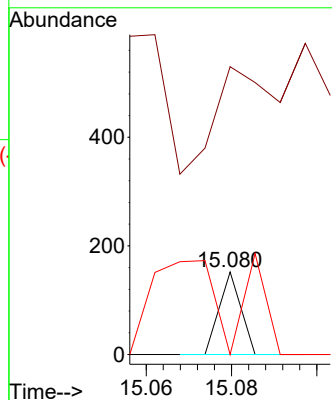
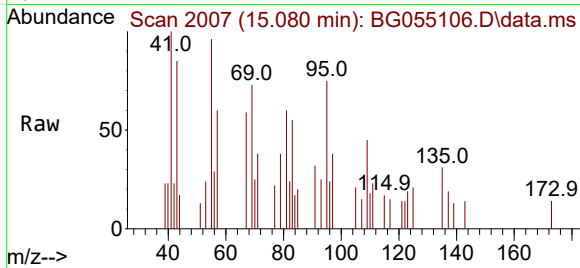




#56
4-Nitrophenol
Concen: 4.961 ng
RT: 15.080 min Scan# 2093
Delta R.T. -0.032 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

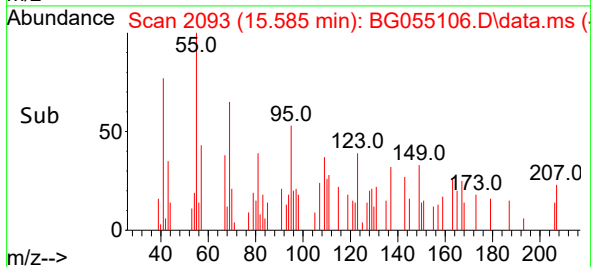
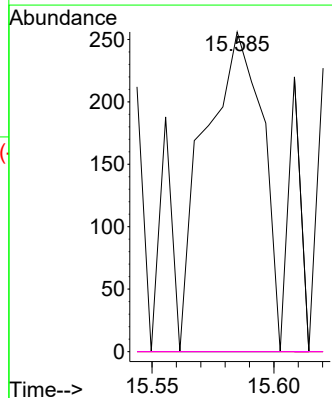
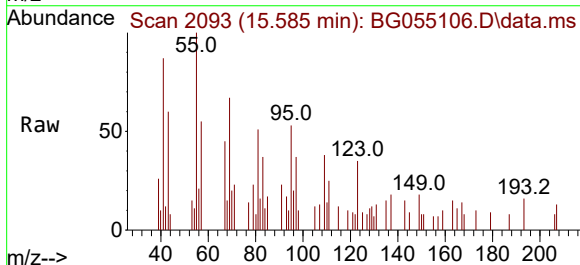
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(14-16)

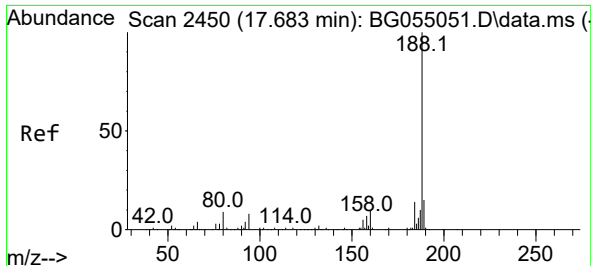
Tgt Ion:139 Resp: 54
Ion Ratio Lower Upper
139 100
109 348.7 66.6 106.6#
65 0.0 88.5 128.5#



#57
2,4-Dinitrotoluene
Concen: 3.829 ng
RT: 15.585 min Scan# 2093
Delta R.T. 0.302 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Tgt Ion:165 Resp: 423
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#

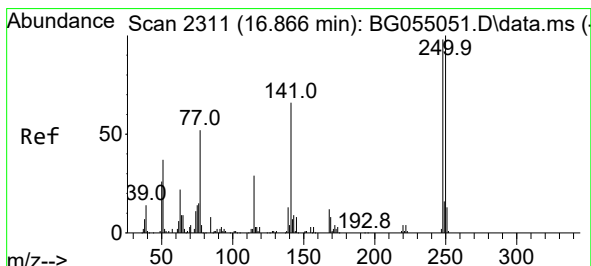
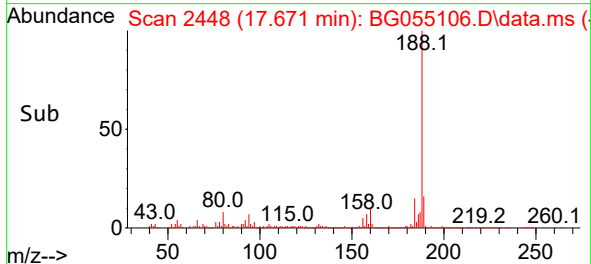
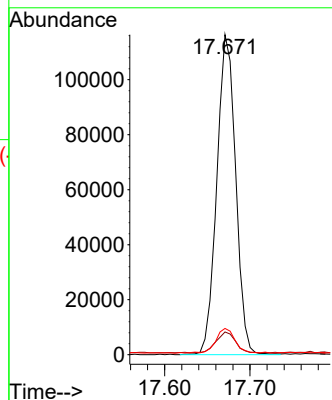
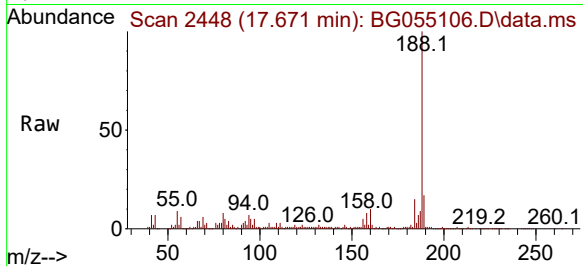




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 2450
Delta R.T. -0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

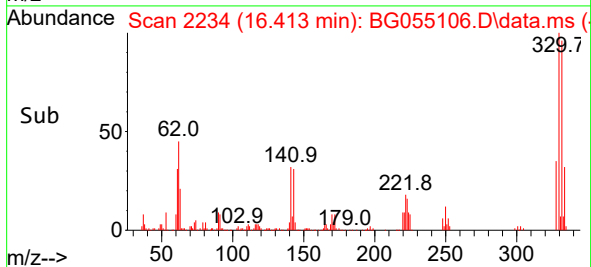
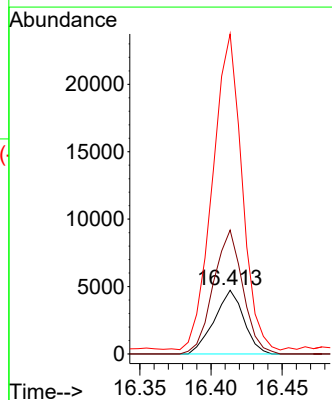
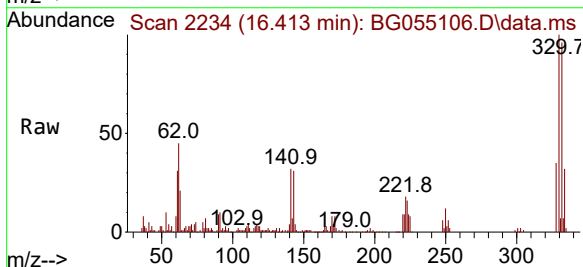
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(14-16)

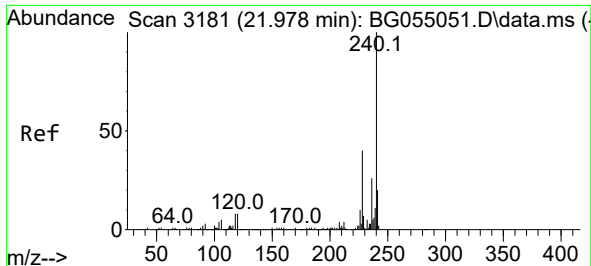
Tgt Ion:188 Resp: 178912
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.2
80 8.2 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.603 ng
RT: 16.413 min Scan# 2234
Delta R.T. -0.444 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Tgt Ion:248 Resp: 6818
Ion Ratio Lower Upper
248 100
250 194.4 81.7 122.5#
141 502.0 53.7 80.5#

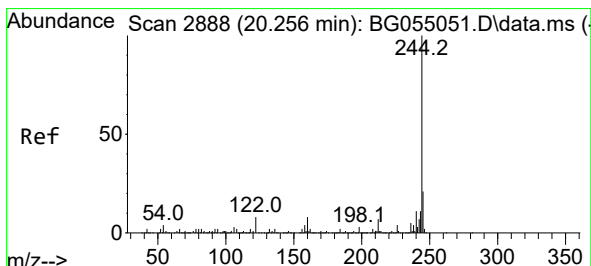
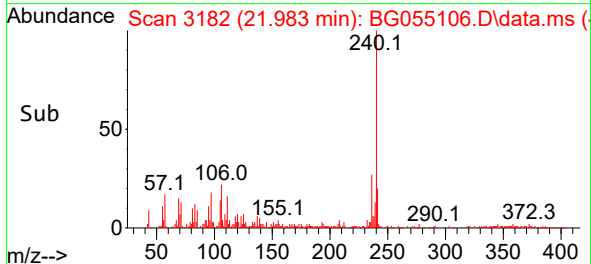
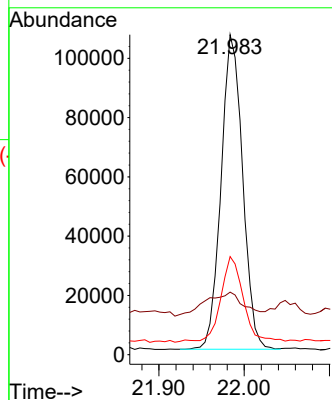
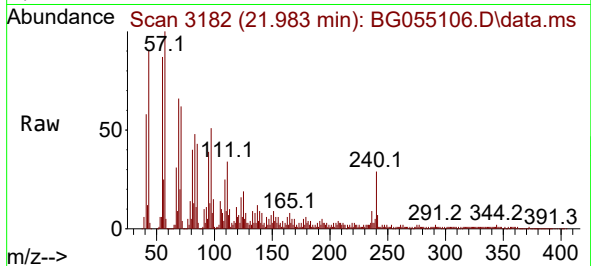




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.983 min Scan# 3181
Delta R.T. 0.015 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

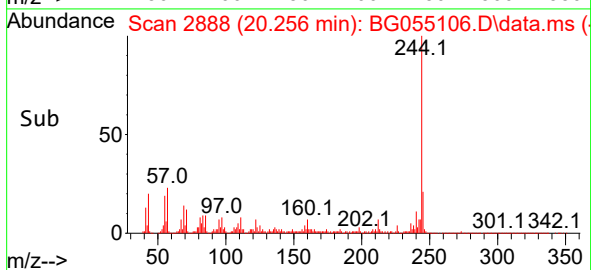
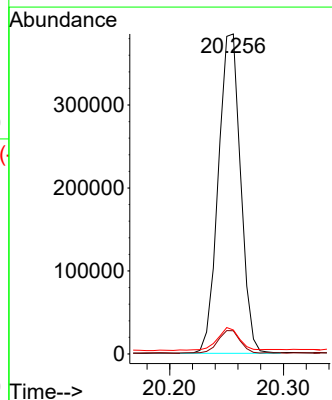
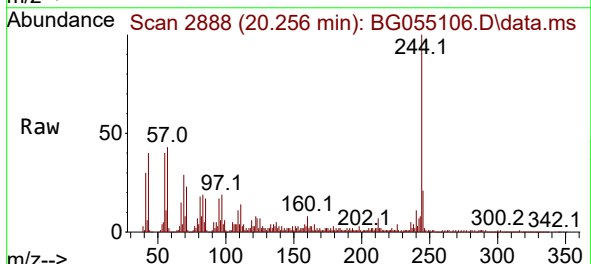
Instrument :
BNA_G
ClientSampleId :
SASP2-T-3-(14-16)

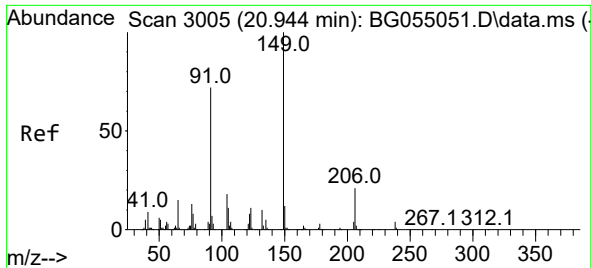
Tgt Ion:240 Resp: 186716
Ion Ratio Lower Upper
240 100
120 19.5 6.2 9.4#
236 30.6 20.6 30.8



#79
Terphenyl-d14
Concen: 56.773 ng
RT: 20.256 min Scan# 2888
Delta R.T. 0.003 min
Lab File: BG055106.D
Acq: 7 Oct 2022 19:46

Tgt Ion:244 Resp: 524467
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 7.5 6.6 10.0

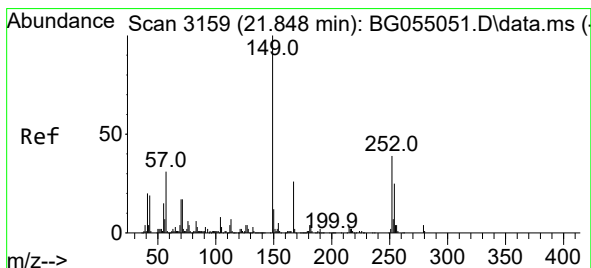
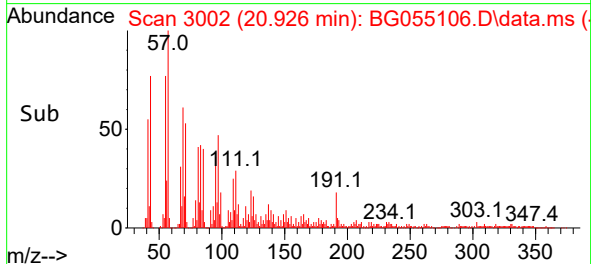
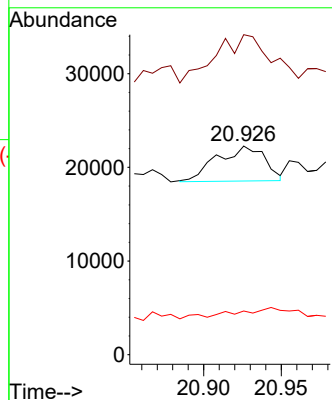
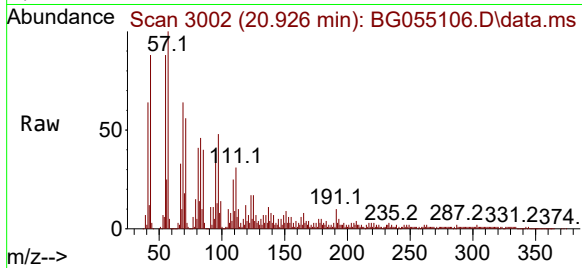




#80
 Butylbenzylphthalate
 Concen: 6.681 ng
 RT: 20.926 min Scan# 3002
 Delta R.T. -0.009 min
 Lab File: BG055106.D
 Acq: 7 Oct 2022 19:46

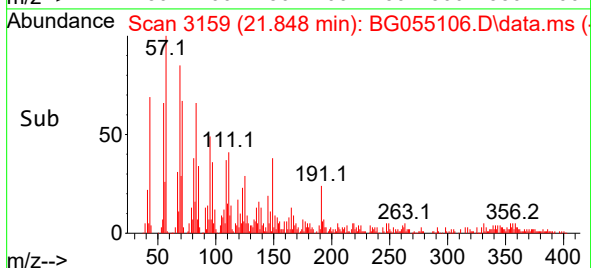
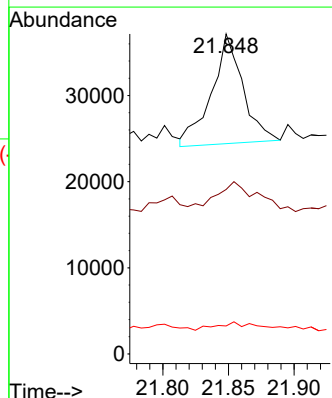
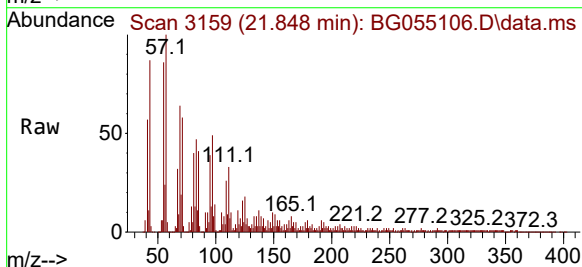
Instrument :
 BNA_G
 ClientSampleId :
 SASP2-T-3-(14-16)

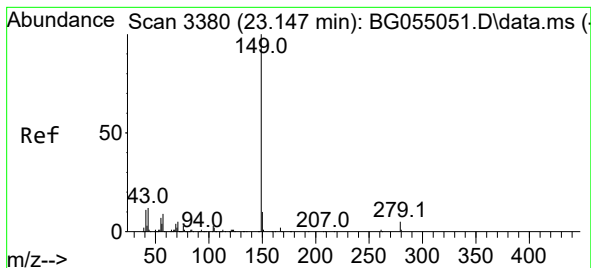
Tgt Ion:149 Resp: 7967
 Ion Ratio Lower Upper
 149 100
 91 153.4 57.8 86.8#
 206 21.0 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.415 ng
 RT: 21.848 min Scan# 3159
 Delta R.T. 0.015 min
 Lab File: BG055106.D
 Acq: 7 Oct 2022 19:46

Tgt Ion:149 Resp: 21064
 Ion Ratio Lower Upper
 149 100
 167 51.4 21.0 31.4#
 279 8.7 3.4 5.2#





#85

Di-n-octyl phthalate

Concen: 4.536 ng

RT: 23.164 min Scan# 31

Delta R.T. 0.038 min

Lab File: BG055106.D

Acq: 7 Oct 2022 19:46

Instrument :

BNA_G

ClientSampleId :

SASP2-T-3-(14-16)

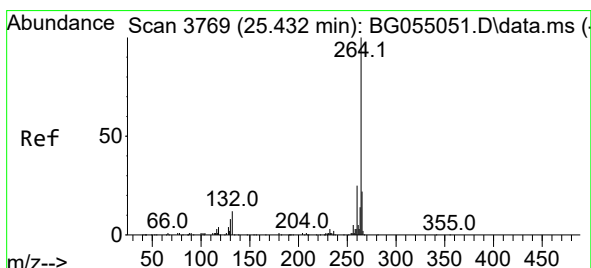
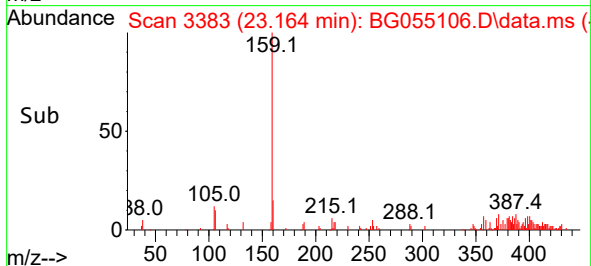
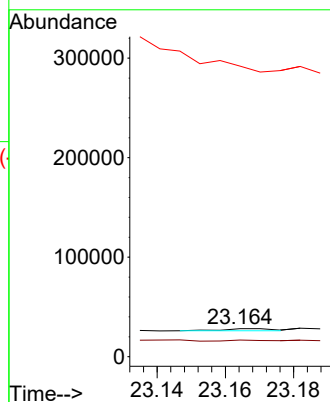
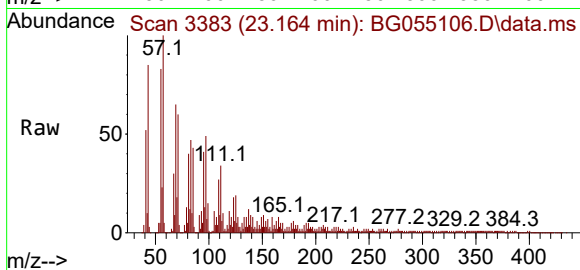
Tgt Ion:149 Resp: 2092

Ion Ratio Lower Upper

149 100

167 28.3 1.3 1.9#

43 0.0 10.2 15.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.503 min Scan# 3781

Delta R.T. 0.085 min

Lab File: BG055106.D

Acq: 7 Oct 2022 19:46

Tgt Ion:264 Resp: 207488

Ion Ratio Lower Upper

264 100

260 25.8 19.7 29.5

265 23.8 17.8 26.6

