

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055932.D
 Acq On : 8 Dec 2022 18:05
 Operator : CG/JU
 Sample : N5883-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-18

Quant Time: Dec 09 08:11:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 07:57:14 2022
 Response via : Initial Calibration

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

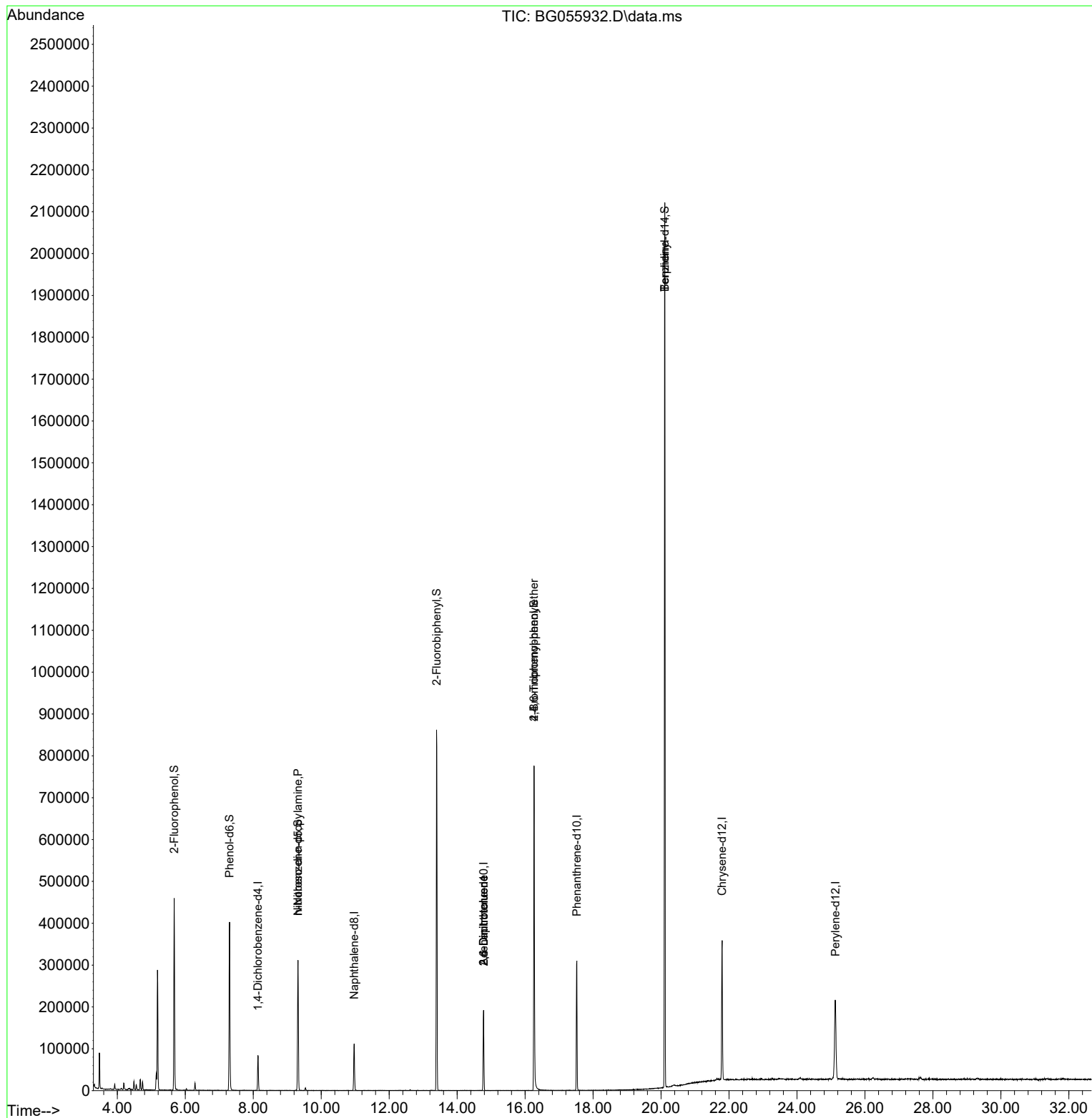
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.137	152	23407	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	94263	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	68101	20.000	ng	0.00
64) Phenanthrene-d10	17.520	188	202897	20.000	ng	0.00
76) Chrysene-d12	21.798	240	201530	20.000	ng	0.00
86) Perylene-d12	25.129	264	219100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	189344	146.214	ng	0.00
7) Phenol-d6	7.303	99	222788	129.240	ng	0.00
23) Nitrobenzene-d5	9.318	82	177952	99.781	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	166992	174.140	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	448939	98.760	ng	0.00
79) Terphenyl-d14	20.112	244	1076105	106.800	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.318	70	23751	17.932	ng	# 79
51) 2,6-Dinitrotoluene	14.777	165	8993	8.102	ng	# 24
57) 2,4-Dinitrotoluene	14.777	165	8993	5.746	ng	# 22
67) 4-Bromophenyl-phenylether	16.263	248	11110	4.806	ng	# 1
77) Benzidine	20.112	184	16925	3.630	ng	# 90

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

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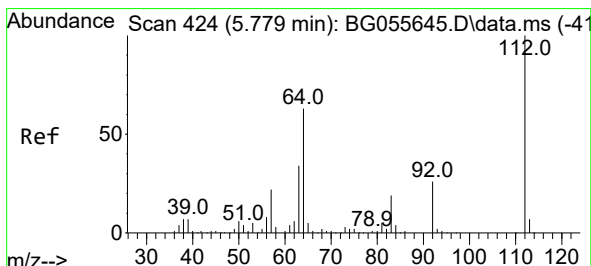
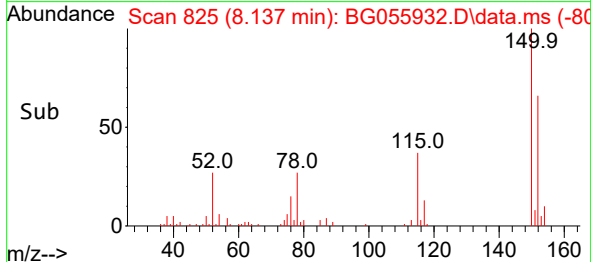
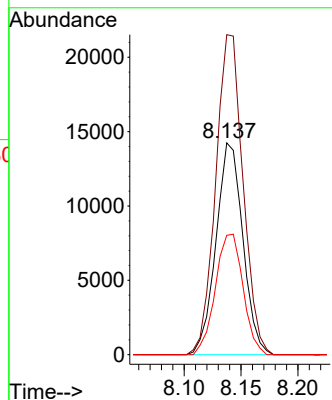
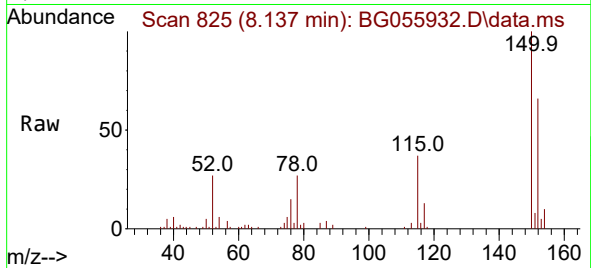




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.137 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

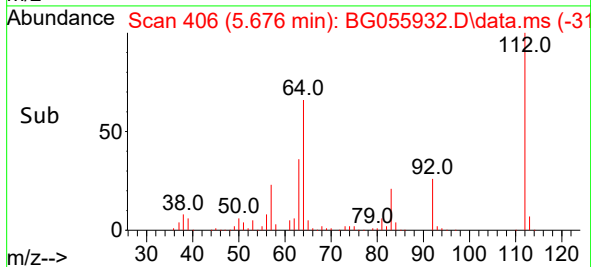
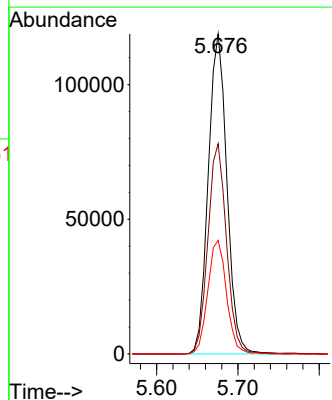
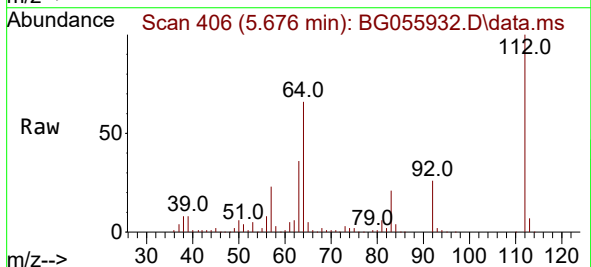
Instrument :
BNA_G
ClientSampleId :
MH-18

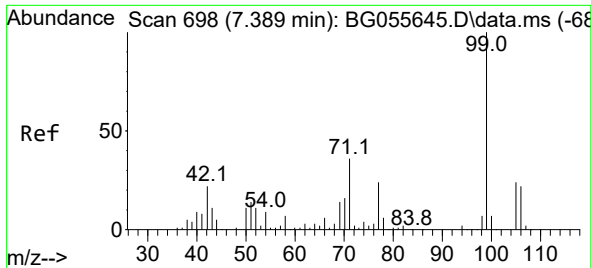
Tgt Ion:152 Resp: 23407
Ion Ratio Lower Upper
152 100
150 151.0 123.0 184.6
115 56.4 47.0 70.4



#5
2-Fluorophenol
Concen: 146.214 ng
RT: 5.676 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

Tgt Ion:112 Resp: 189344
Ion Ratio Lower Upper
112 100
64 65.7 50.6 76.0
63 35.5 27.5 41.3

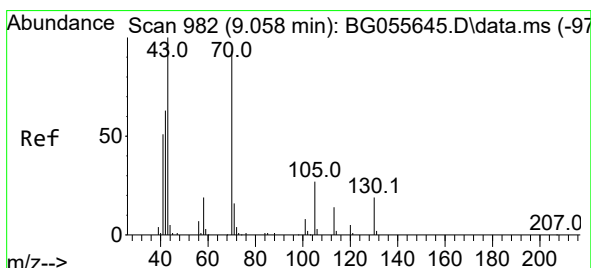
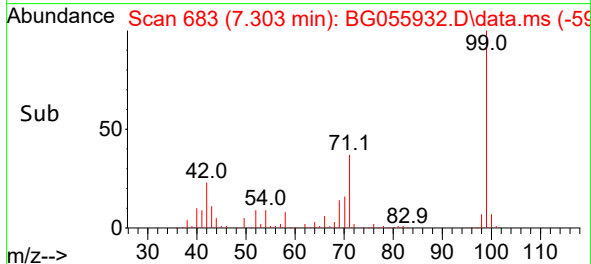
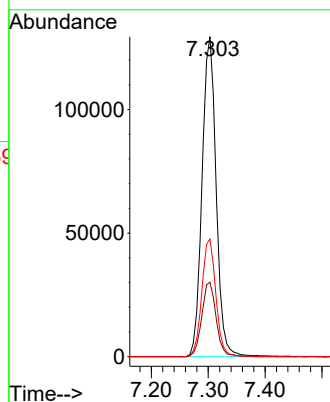
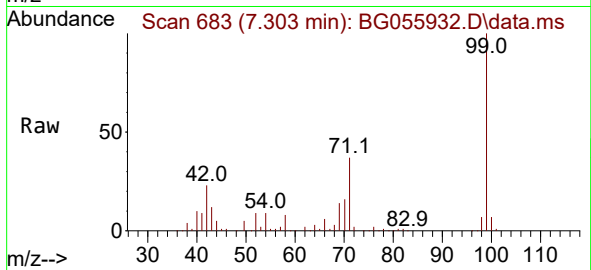




#7
Phenol-d6
Concen: 129.240 ng
RT: 7.303 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

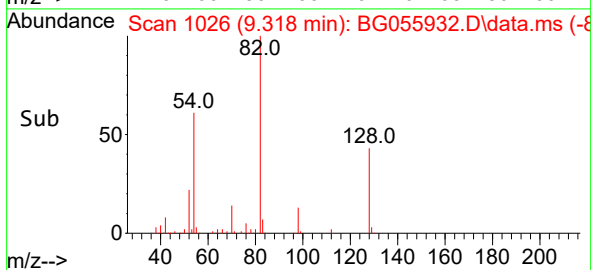
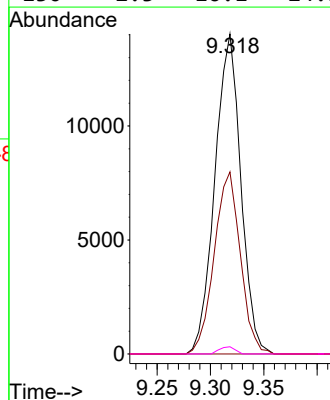
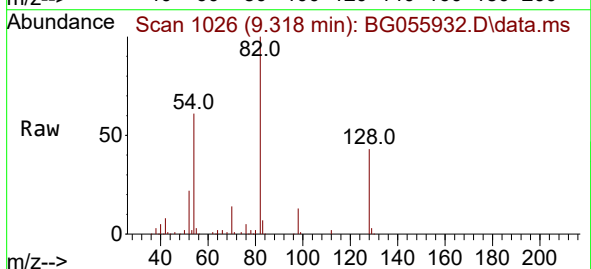
Instrument :
BNA_G
ClientSampleId :
MH-18

Tgt Ion: 99 Resp: 222788
Ion Ratio Lower Upper
99 100
42 23.3 18.0 27.0
71 36.8 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.932 ng
RT: 9.318 min Scan# 1026
Delta R.T. 0.367 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

Tgt Ion: 70 Resp: 23751
Ion Ratio Lower Upper
70 100
42 56.9 55.2 82.8
101 0.0 7.1 10.7#
130 2.3 16.1 24.1#

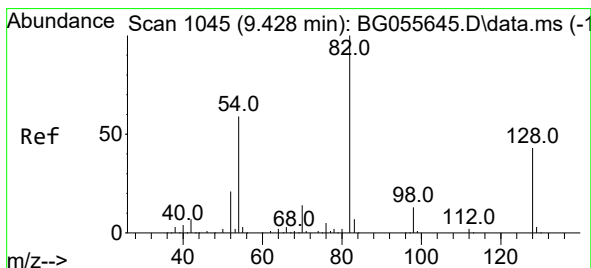
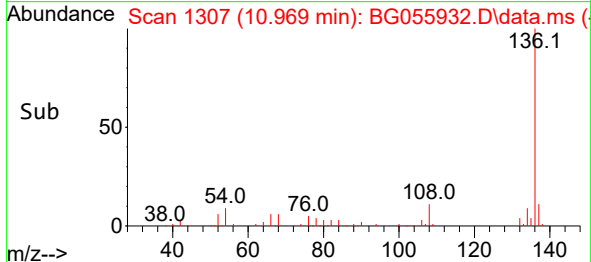
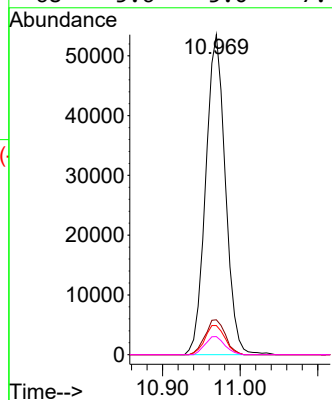
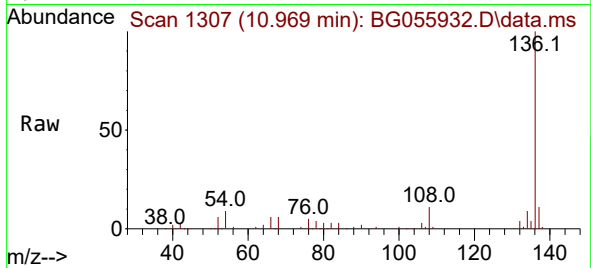




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

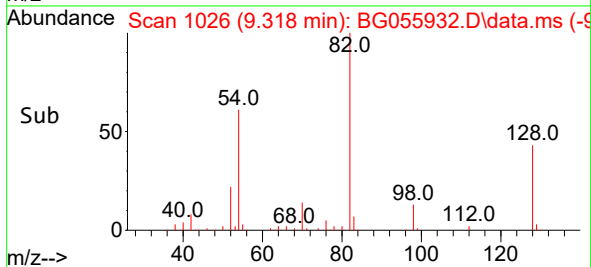
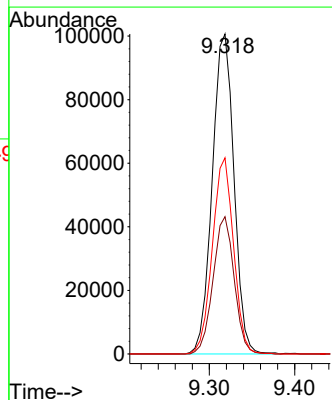
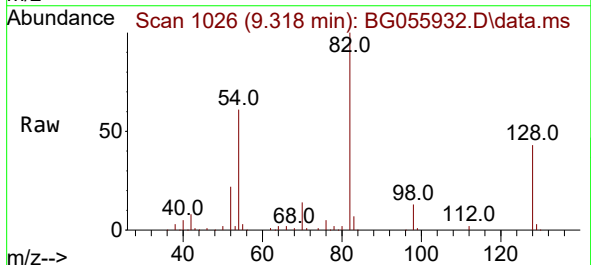
Instrument :
BNA_G
ClientSampleId :
MH-18

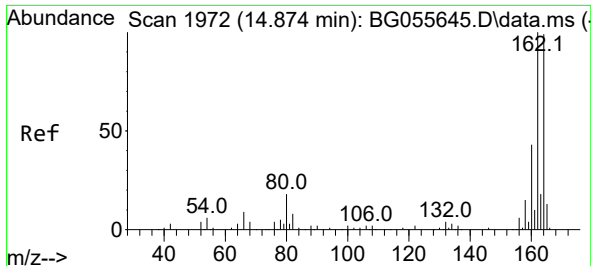
Tgt Ion:136	Resp:	94263	
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.1	7.8	11.6
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 99.781 ng
RT: 9.318 min Scan# 1026
Delta R.T. -0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

Tgt Ion: 82	Resp: 177952
Ion Ratio	Lower Upper
82 100	
128 42.9	34.1 51.1
54 61.3	47.3 70.9

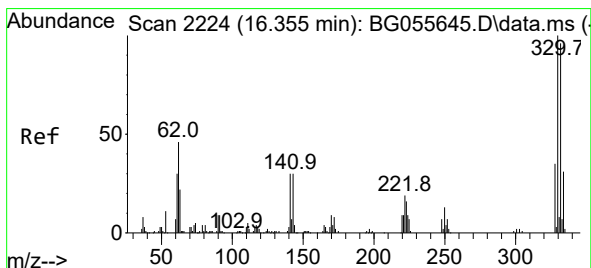
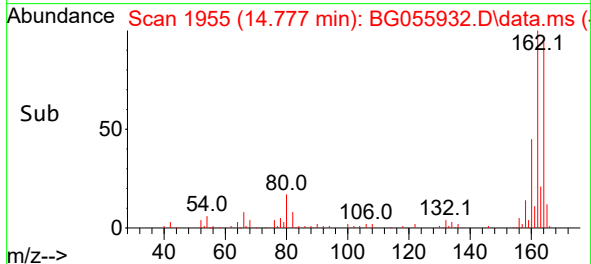
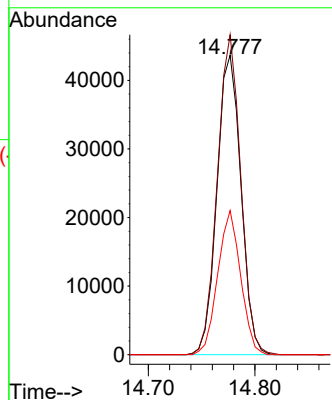
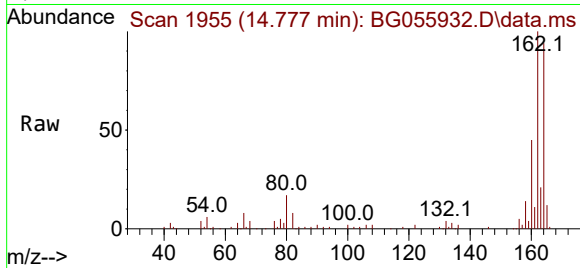




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.777 min Scan# 1972
Delta R.T. -0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

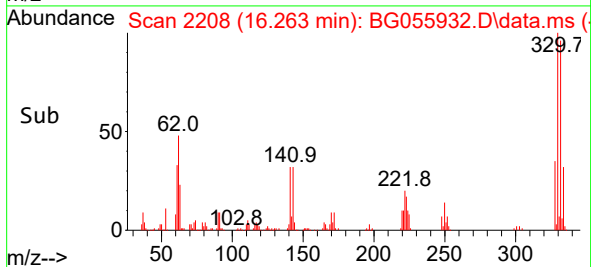
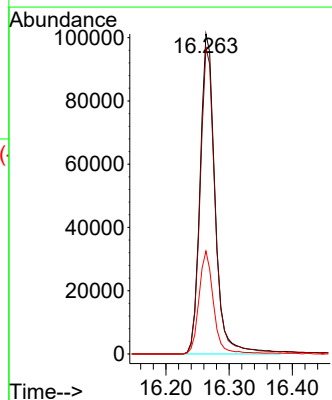
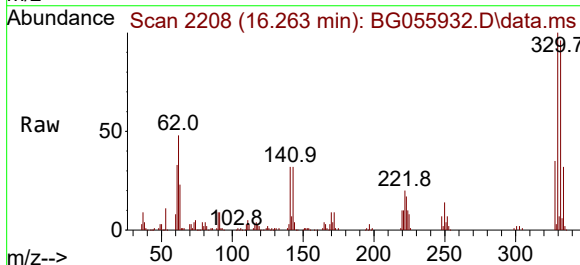
Instrument :
BNA_G
ClientSampleId :
MH-18

Tgt Ion:164 Resp: 68101
Ion Ratio Lower Upper
164 100
162 106.8 81.1 121.7
160 48.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 174.140 ng
RT: 16.263 min Scan# 2208
Delta R.T. -0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

Tgt Ion:330 Resp: 166992
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 31.4 23.9 35.9

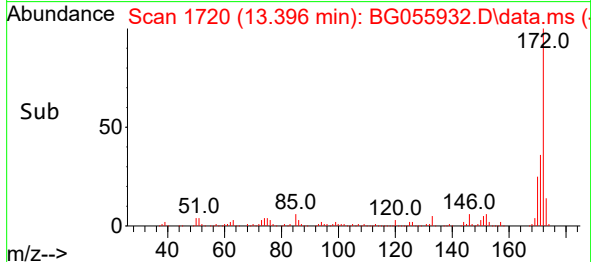
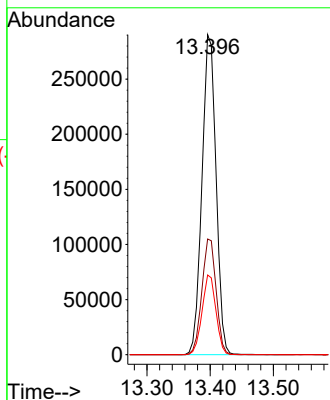
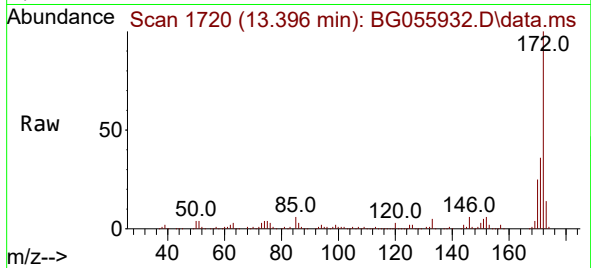




#45
2-Fluorobiphenyl
Concen: 98.760 ng
RT: 13.396 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

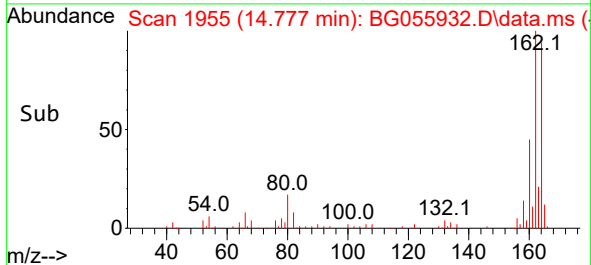
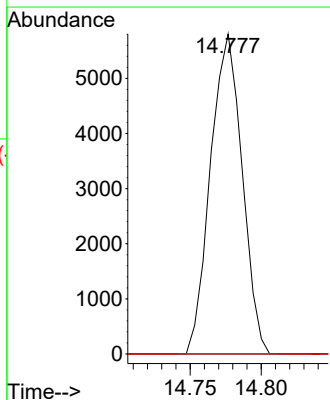
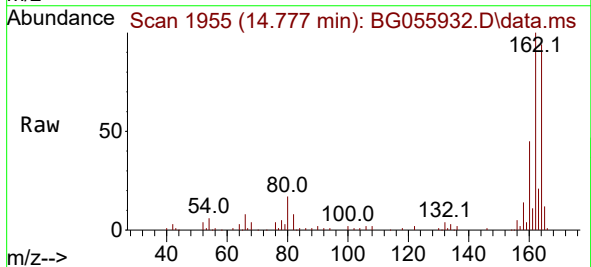
Instrument :
BNA_G
ClientSampleId :
MH-18

Tgt Ion:172 Resp: 448939
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 24.9 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.102 ng
RT: 14.777 min Scan# 1955
Delta R.T. 0.420 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

Tgt Ion:165 Resp: 8993
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.746 ng

RT: 14.777 min Scan# 1955

Delta R.T. -0.367 min

Lab File: BG055932.D

Acq: 8 Dec 2022 18:05

Instrument :

BNA_G

ClientSampleId :

MH-18

Tgt Ion:165 Resp: 8993

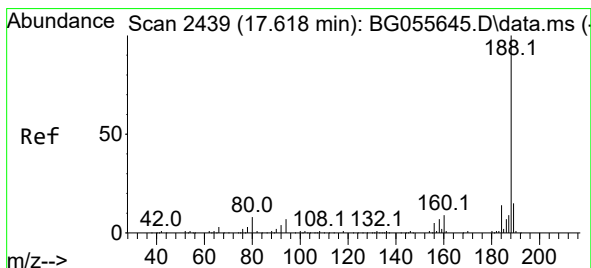
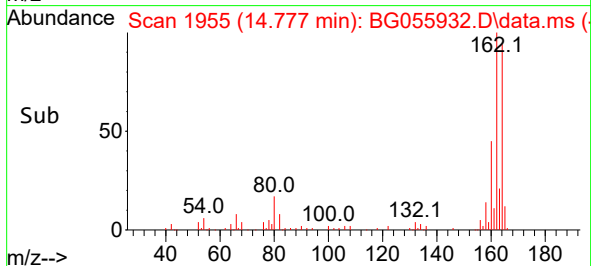
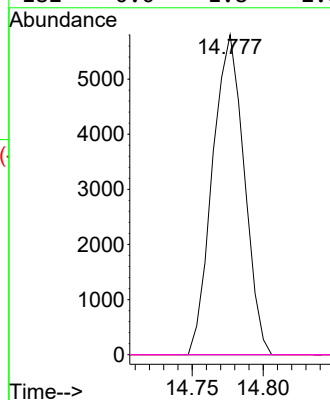
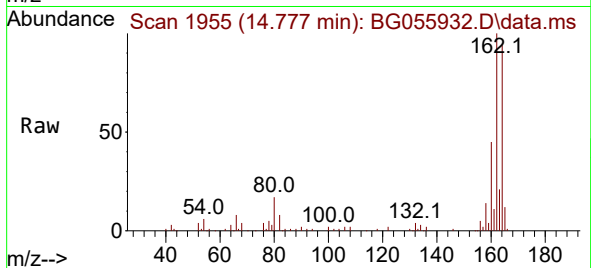
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.520 min Scan# 2422

Delta R.T. -0.003 min

Lab File: BG055932.D

Acq: 8 Dec 2022 18:05

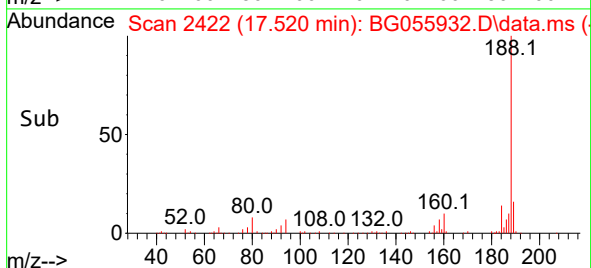
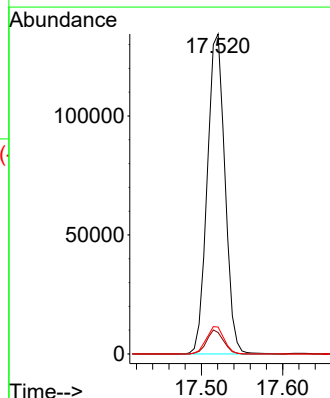
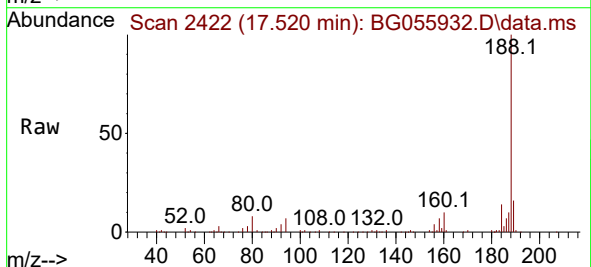
Tgt Ion:188 Resp: 202897

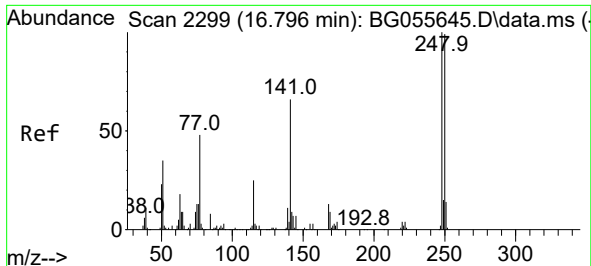
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 8.4 6.6 10.0

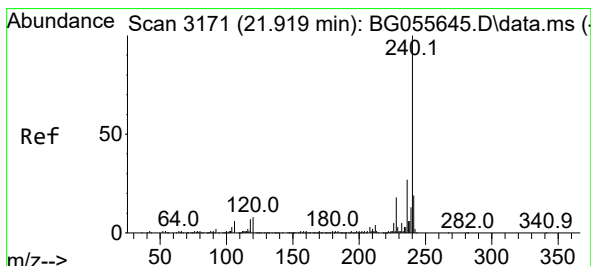
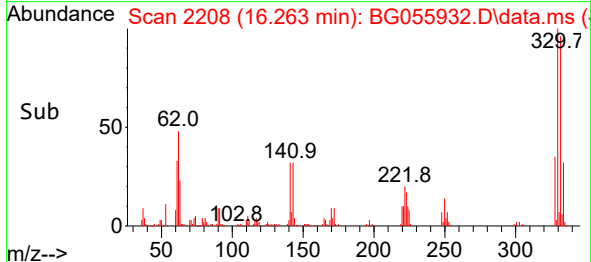
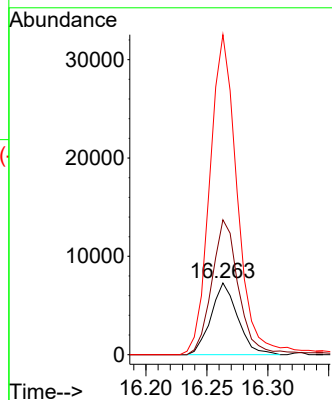
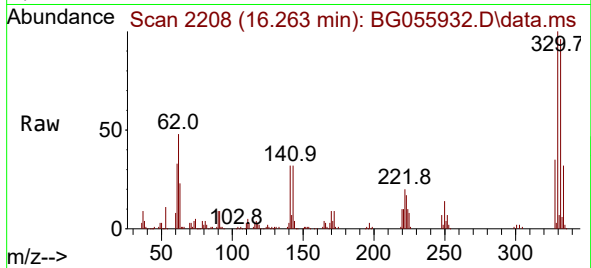




#67
4-Bromophenyl-phenylether
Concen: 4.806 ng
RT: 16.263 min Scan# 21
Delta R.T. -0.438 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

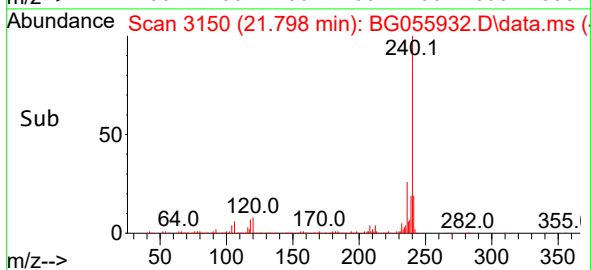
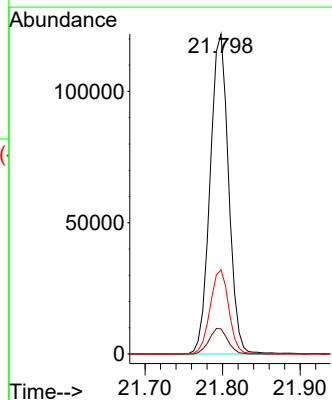
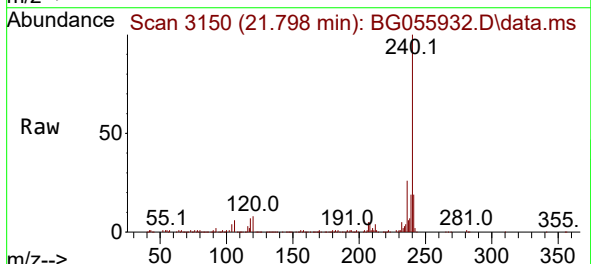
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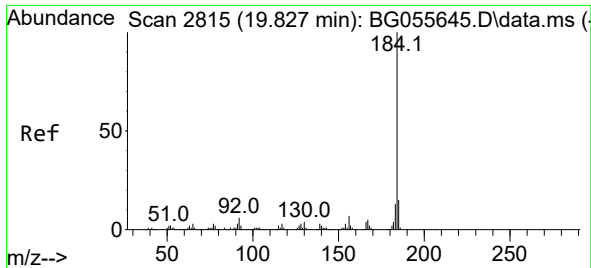
Tgt Ion:248 Resp: 11110
Ion Ratio Lower Upper
248 100
250 188.2 79.0 118.4#
141 446.5 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3150
Delta R.T. -0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

Tgt Ion:240 Resp: 201530
Ion Ratio Lower Upper
240 100
120 7.9 6.3 9.5
236 26.3 21.9 32.9

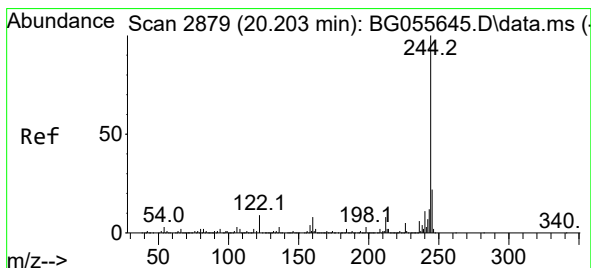
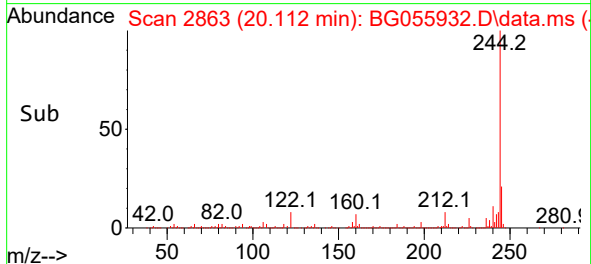
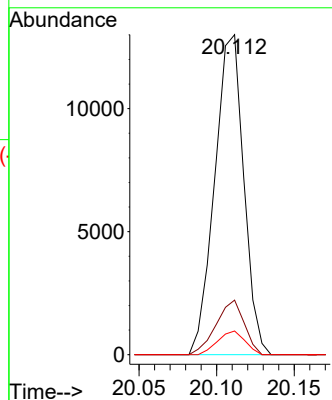
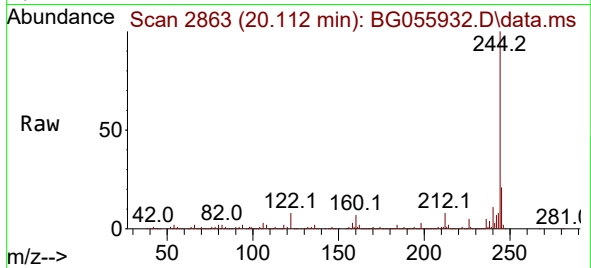




#77
Benzidine
Concen: 3.630 ng
RT: 20.112 min Scan# 2863
Delta R.T. 0.373 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

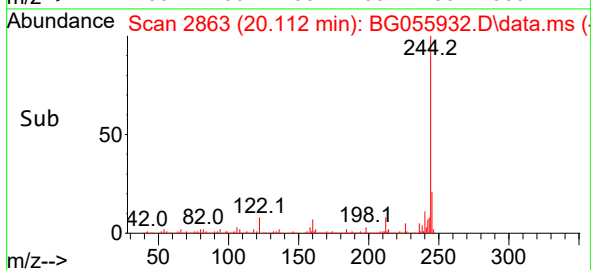
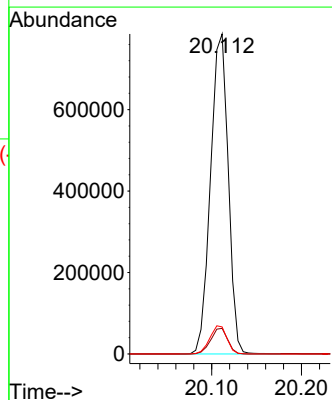
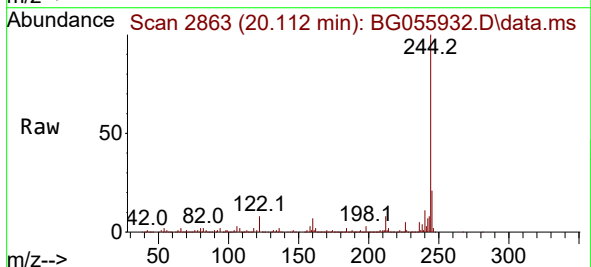
Instrument :
BNA_G
ClientSampleId :
MH-18

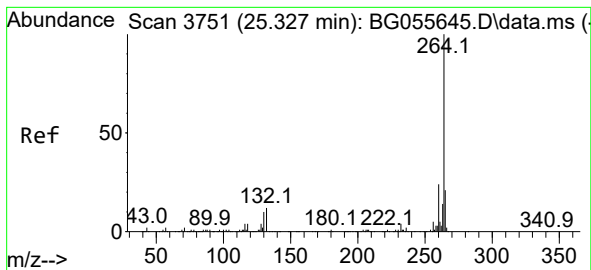
Tgt Ion:184 Resp: 16925
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.8
183 7.4 10.6 15.8#



#79
Terphenyl-d14
Concen: 106.800 ng
RT: 20.112 min Scan# 2863
Delta R.T. 0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

Tgt Ion:244 Resp: 1076105
Ion Ratio Lower Upper
244 100
212 8.0 6.3 9.5
122 8.5 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.129 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

Instrument :
BNA_G
ClientSampleId :
MH-18

Tgt Ion:264 Resp: 219100
Ion Ratio Lower Upper
264 100
260 22.7 19.5 29.3
265 21.7 17.1 25.7

