

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111622\
 Data File : BG055651.D
 Acq On : 16 Nov 2022 17:38
 Operator : CG/JU
 Sample : N5607-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-40B

Quant Time: Nov 17 02:11:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

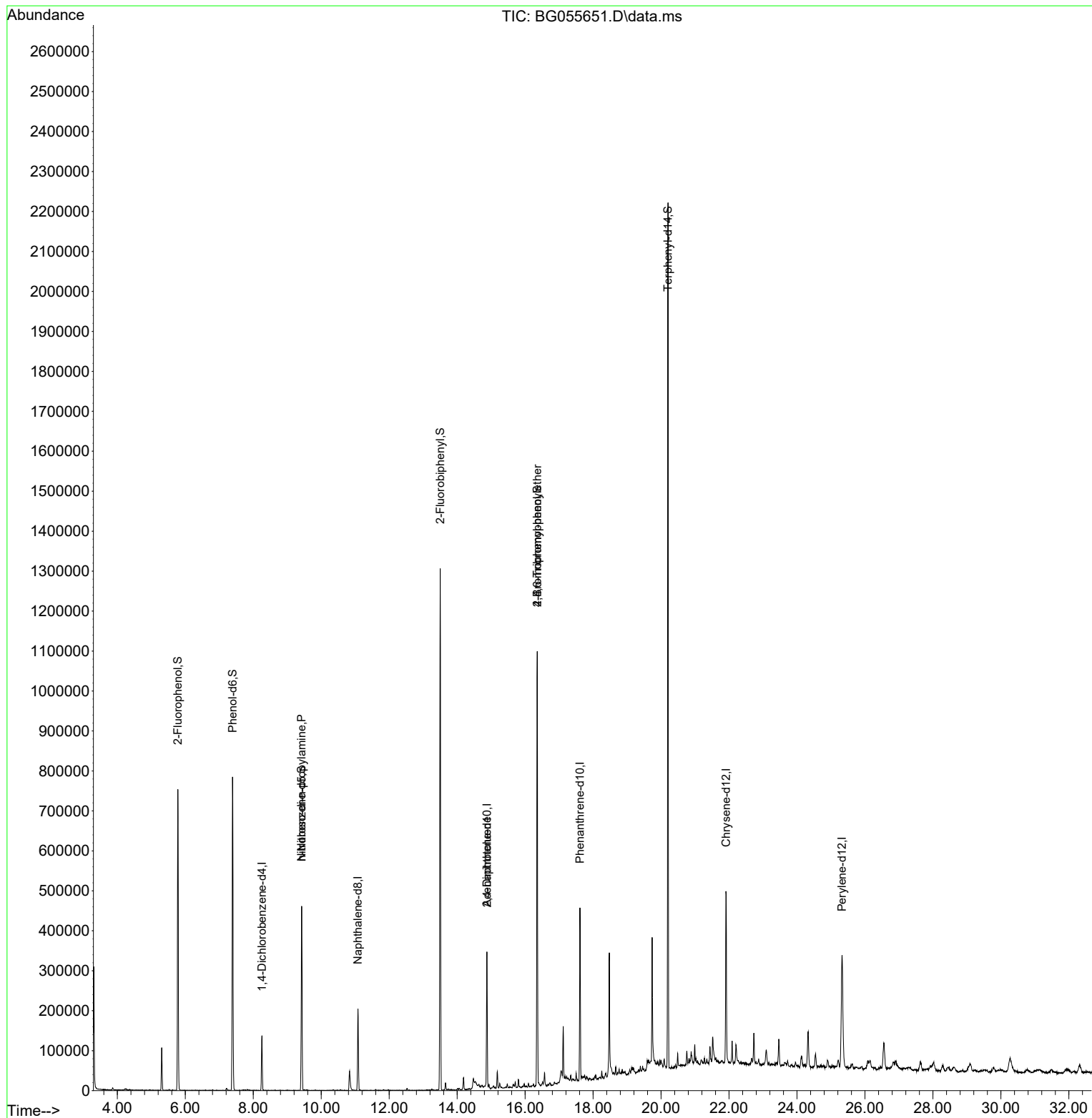
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	39101	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	170977	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	123534	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	273201	20.000	ng	0.00
76) Chrysene-d12	21.908	240	277690	20.000	ng	-0.01
86) Perylene-d12	25.321	264	294244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.780	112	326045	150.721	ng	0.00
7) Phenol-d6	7.390	99	437700	151.999	ng	0.00
23) Nitrobenzene-d5	9.422	82	266578	82.408	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	227649	130.869	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	685066	83.080	ng	0.00
79) Terphenyl-d14	20.204	244	1084621	78.122	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.422	70	35815	16.187	ng	# 77
57) 2,4-Dinitrotoluene	14.875	165	15954	5.620	ng	# 24
67) 4-Bromophenyl-phenylether	16.355	248	15048	4.834	ng	# 1

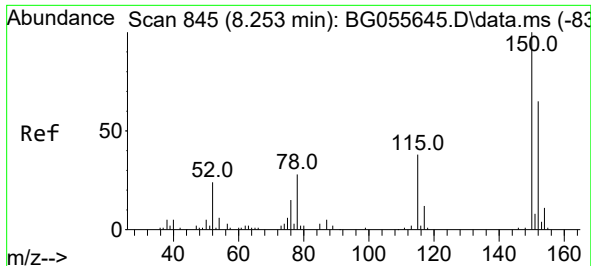
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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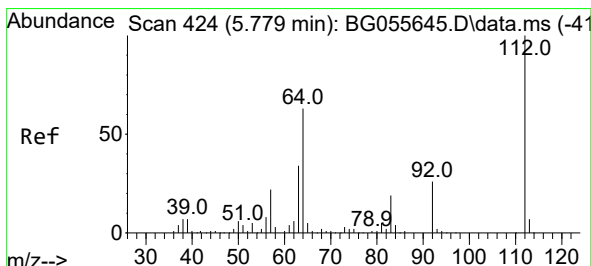
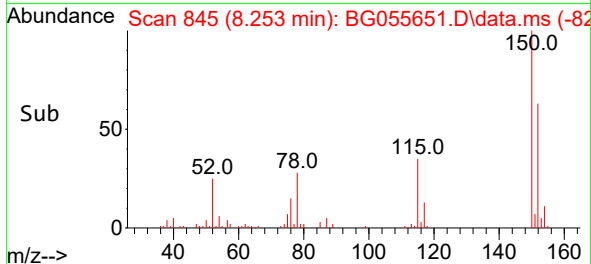
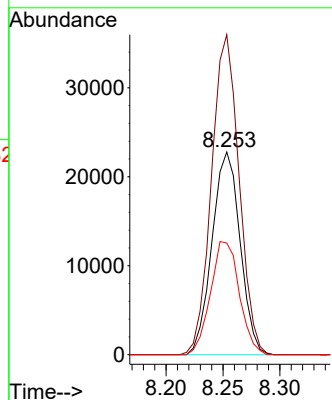
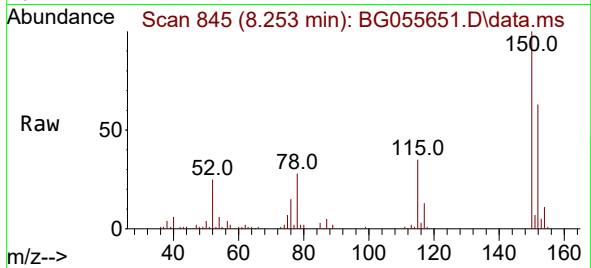




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 845
Delta R.T. 0.000 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

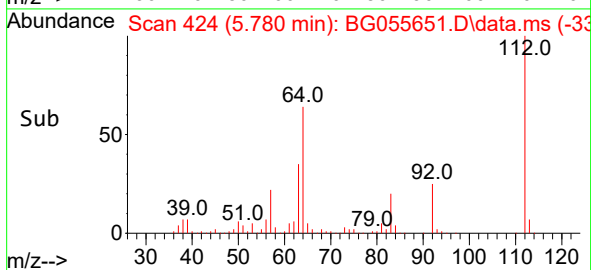
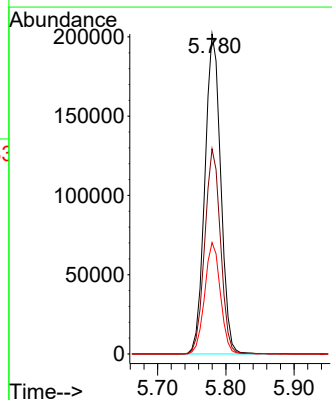
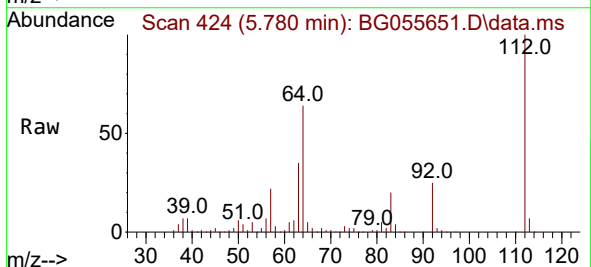
Instrument :
BNA_G
ClientSampleId :
SB-40B

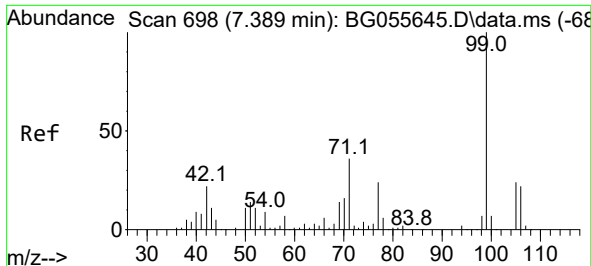
Tgt Ion:152 Resp: 39101
Ion Ratio Lower Upper
152 100
150 157.8 123.0 184.6
115 55.1 47.0 70.4



#5
2-Fluorophenol
Concen: 150.721 ng
RT: 5.780 min Scan# 424
Delta R.T. 0.001 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

Tgt Ion:112 Resp: 326045
Ion Ratio Lower Upper
112 100
64 64.1 50.6 76.0
63 34.8 27.5 41.3

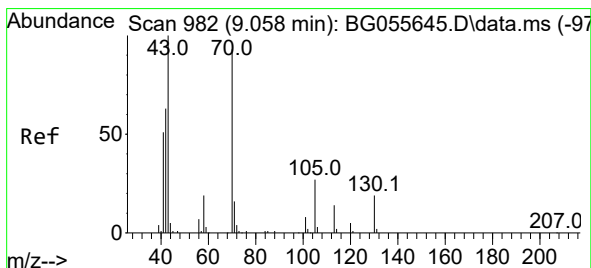
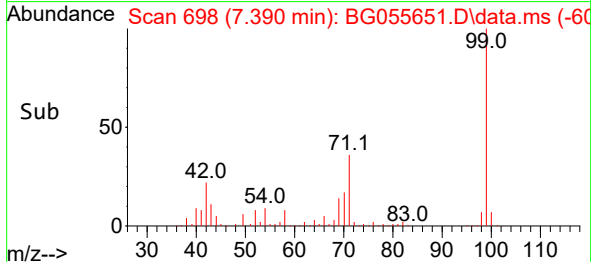
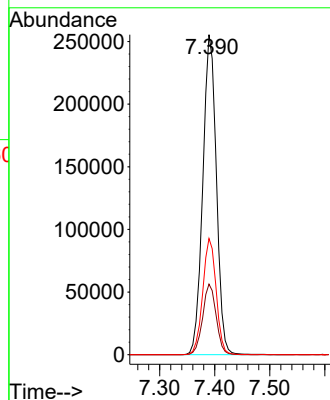
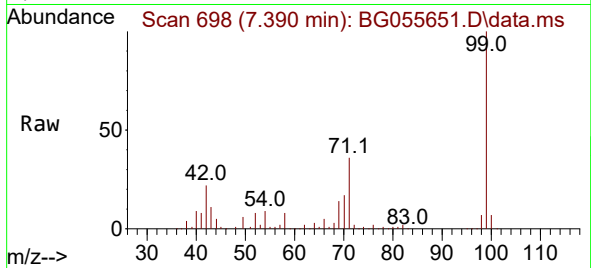




#7
Phenol-d6
Concen: 151.999 ng
RT: 7.390 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

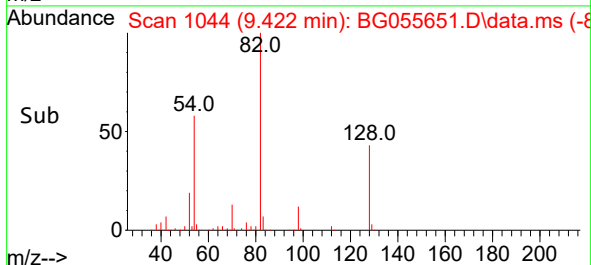
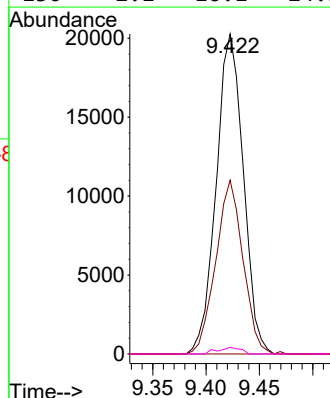
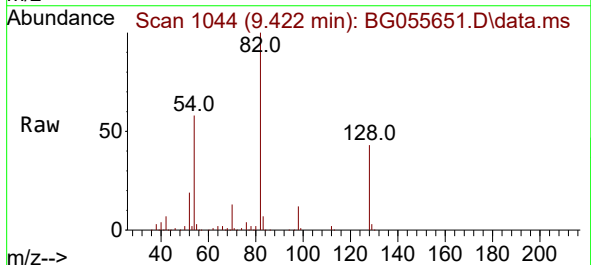
Instrument :
BNA_G
ClientSampleId :
SB-40B

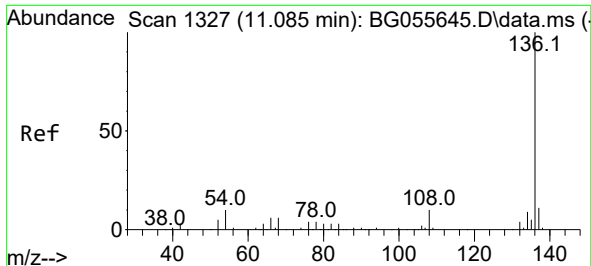
Tgt Ion: 99 Resp: 437700
Ion Ratio Lower Upper
99 100
42 22.0 18.0 27.0
71 36.3 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.187 ng
RT: 9.422 min Scan# 1044
Delta R.T. 0.365 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

Tgt Ion: 70 Resp: 35815
Ion Ratio Lower Upper
70 100
42 54.3 55.2 82.8#
101 0.0 7.1 10.7#
130 2.1 16.1 24.1#



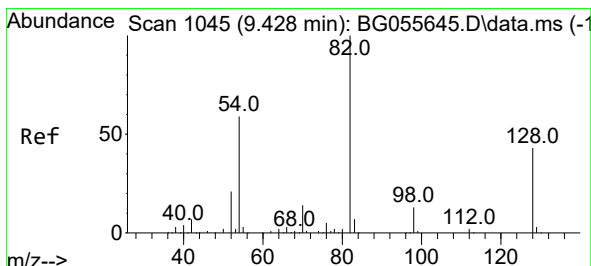
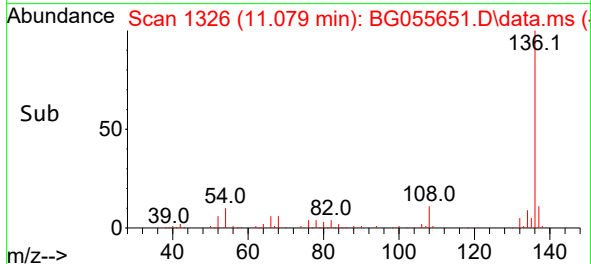
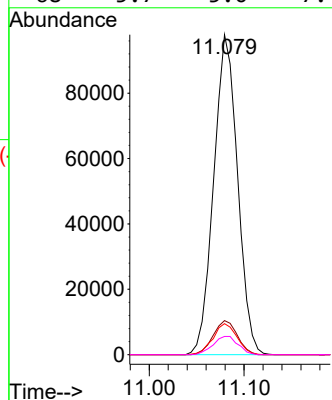
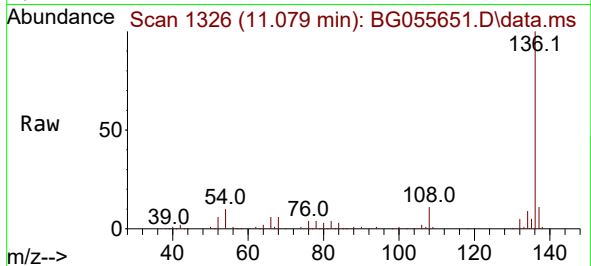


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

Instrument :
BNA_G
ClientSampleId :
SB-40B

Tgt Ion:136 Resp: 170977

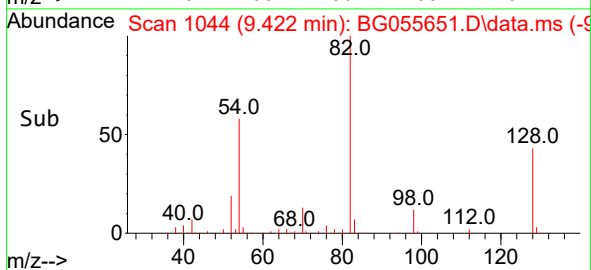
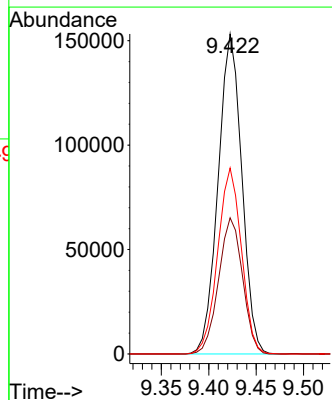
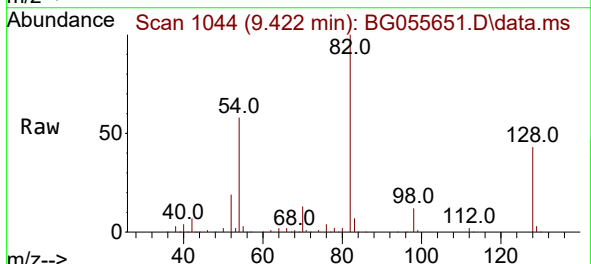
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	9.7	7.8	11.6
68	5.7	5.0	7.4

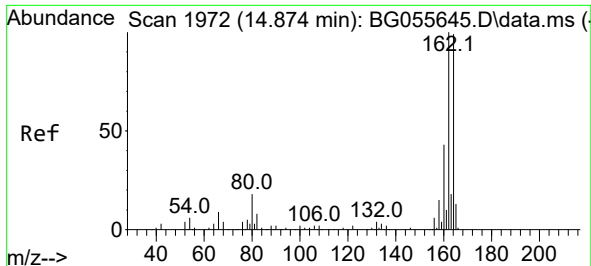


#23
Nitrobenzene-d5
Concen: 82.408 ng
RT: 9.422 min Scan# 1044
Delta R.T. -0.005 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

Tgt Ion: 82 Resp: 266578

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.1	51.1
54	58.1	47.3	70.9

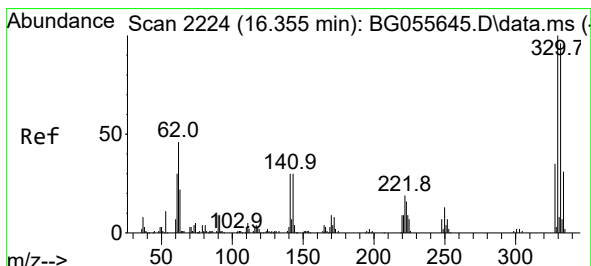
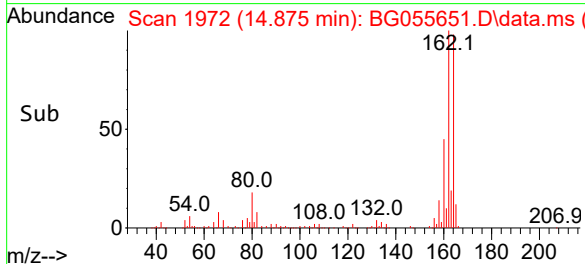
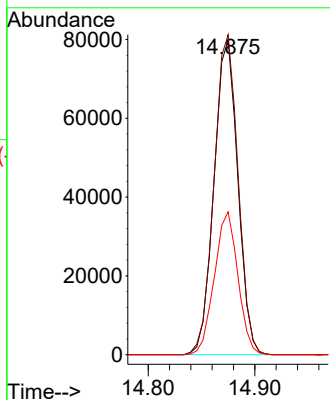
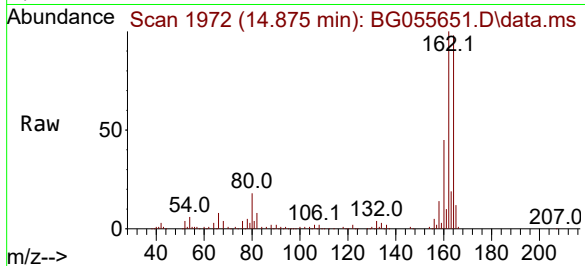




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

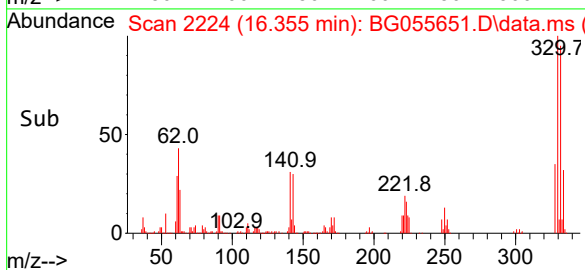
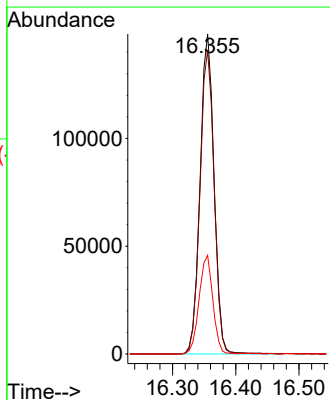
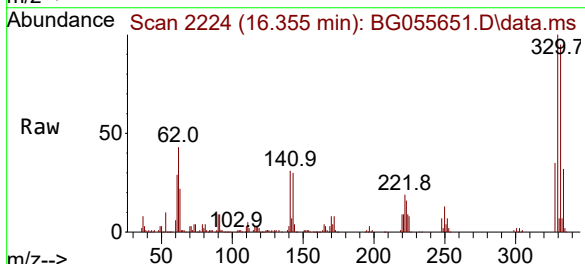
Instrument :
BNA_G
ClientSampleId :
SB-40B

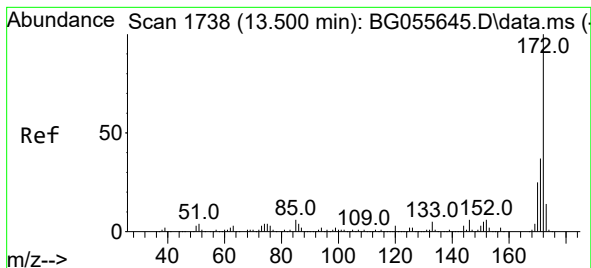
Tgt Ion:164 Resp: 123534
Ion Ratio Lower Upper
164 100
162 101.6 81.1 121.7
160 45.4 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 130.869 ng
RT: 16.355 min Scan# 2224
Delta R.T. 0.000 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

Tgt Ion:330 Resp: 227649
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 30.3 23.9 35.9

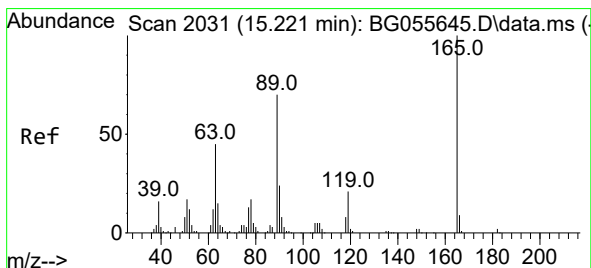
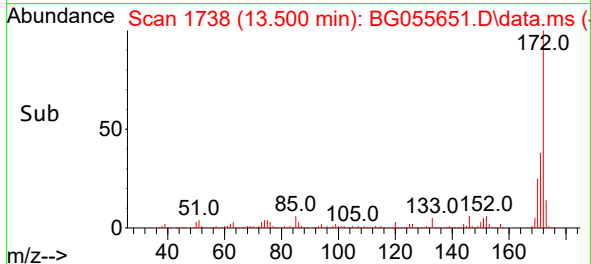
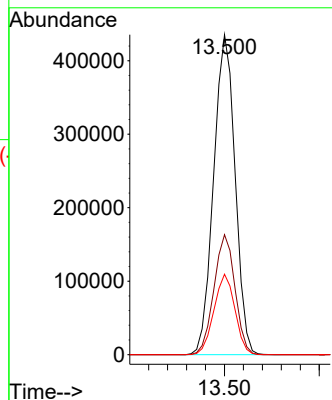
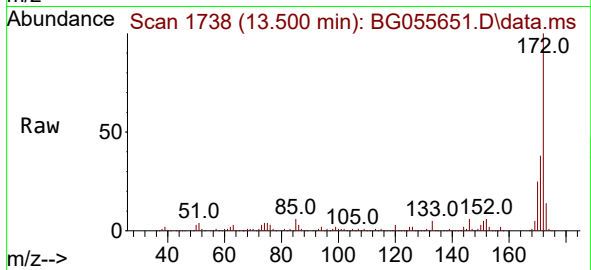




#45
2-Fluorobiphenyl
Concen: 83.080 ng
RT: 13.500 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

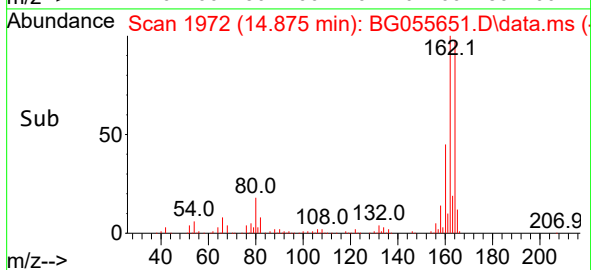
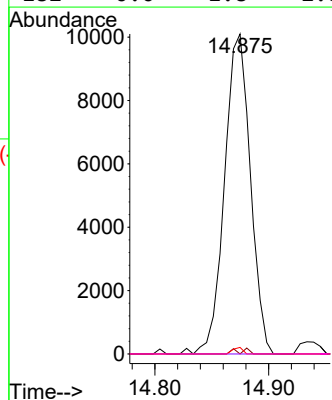
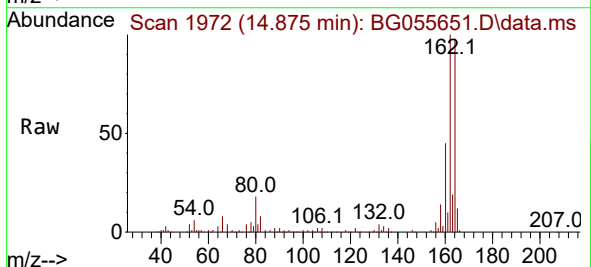
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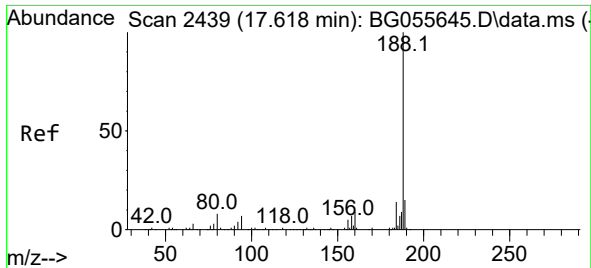
Tgt Ion:172 Resp: 685066
Ion Ratio Lower Upper
172 100
171 37.5 29.8 44.6
170 25.1 20.2 30.4



#57
2,4-Dinitrotoluene
Concen: 5.620 ng
RT: 14.875 min Scan# 1972
Delta R.T. -0.346 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

Tgt Ion:165 Resp: 15954
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 2.0 56.2 84.4#
182 0.0 1.8 2.8#

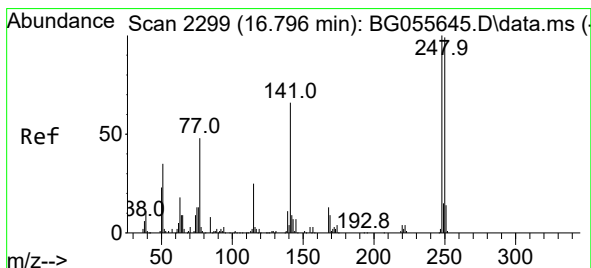
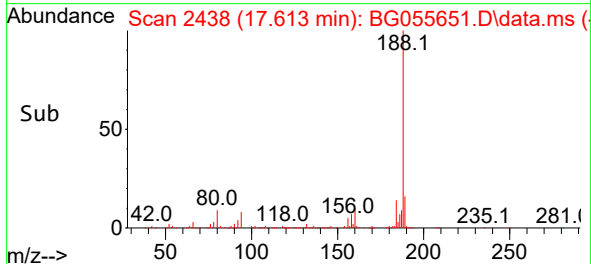
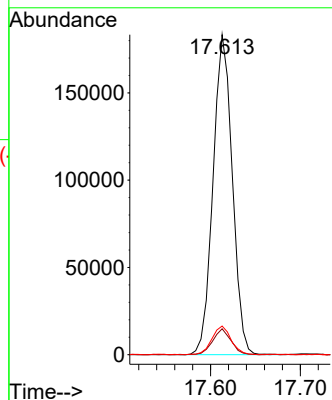
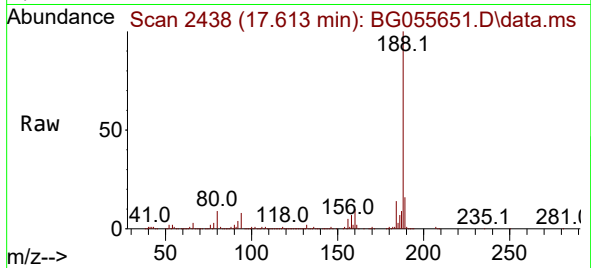




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.613 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

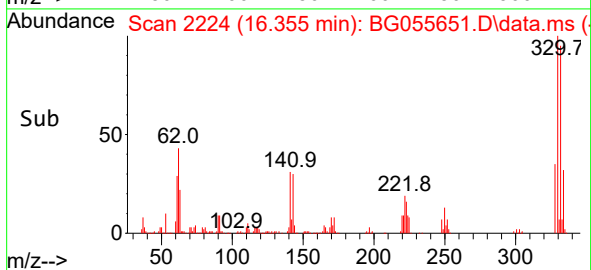
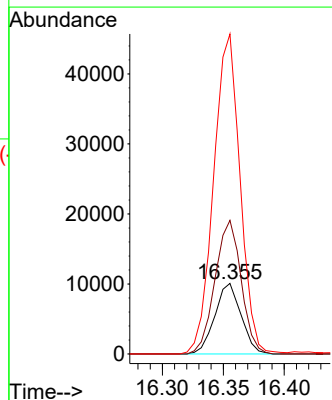
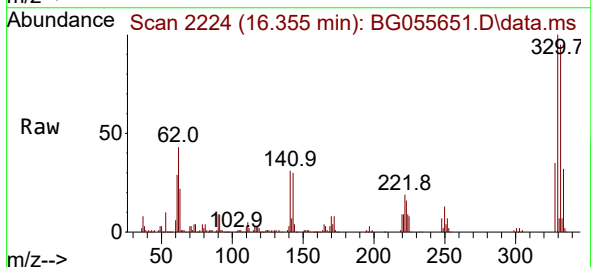
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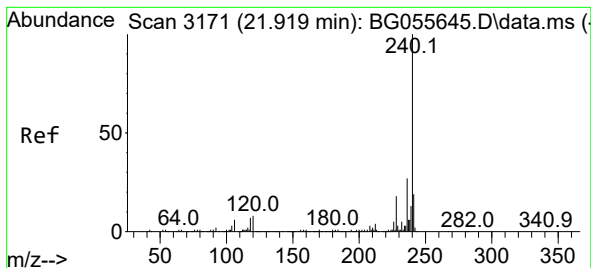
Tgt Ion:188 Resp: 273201
Ion Ratio Lower Upper
188 100
94 8.1 5.4 8.2
80 9.0 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 4.834 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.440 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

Tgt Ion:248 Resp: 15048
Ion Ratio Lower Upper
248 100
250 189.6 79.0 118.4#
141 453.9 52.9 79.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.908 min Scan# 3171

Delta R.T. -0.011 min

Lab File: BG055651.D

Acq: 16 Nov 2022 17:38

Instrument :

BNA_G

ClientSampleId :

SB-40B

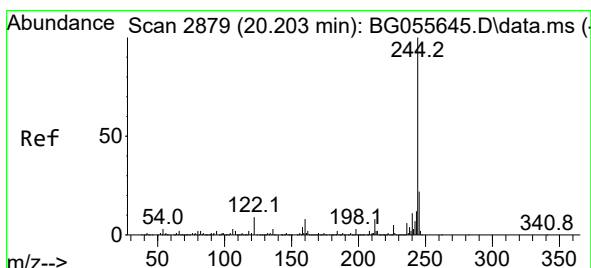
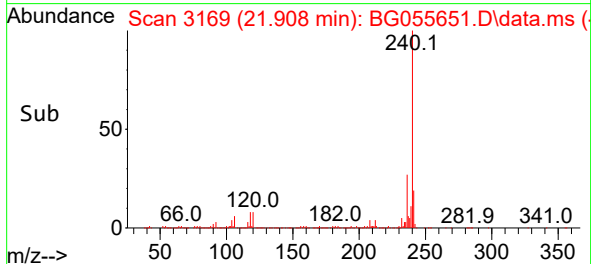
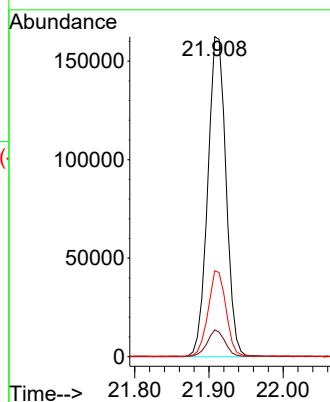
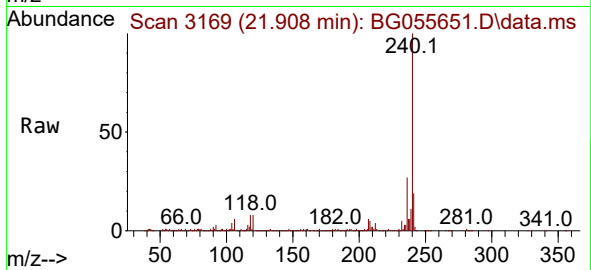
Tgt Ion:240 Resp: 277690

Ion Ratio Lower Upper

240 100

120 8.4 6.3 9.5

236 26.9 21.9 32.9



#79

Terphenyl-d14

Concen: 78.122 ng

RT: 20.204 min Scan# 2879

Delta R.T. 0.001 min

Lab File: BG055651.D

Acq: 16 Nov 2022 17:38

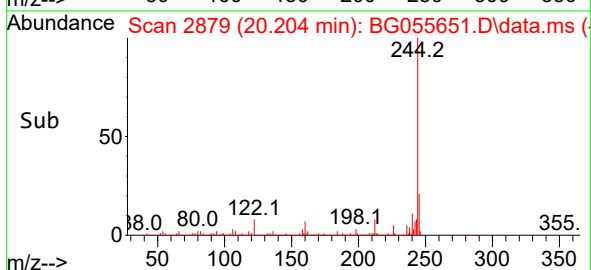
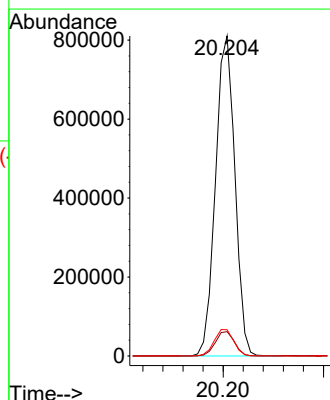
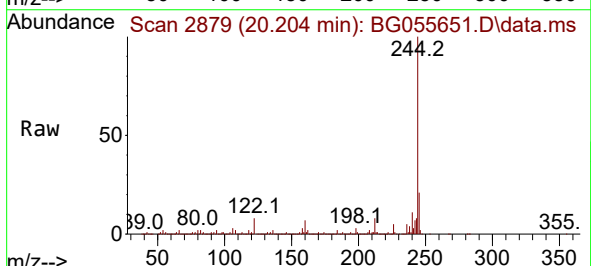
Tgt Ion:244 Resp: 1084621

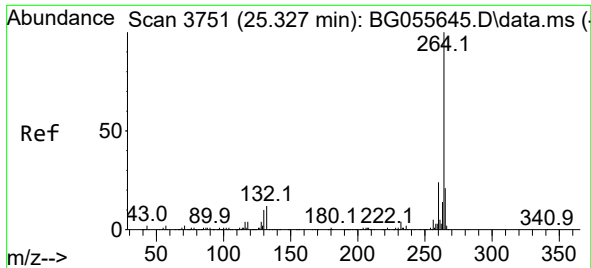
Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 8.2 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.321 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG055651.D
 Acq: 16 Nov 2022 17:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-40B

Tgt Ion:264 Resp: 294244
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.1 17.1 25.7

