

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055677.D
 Acq On : 17 Nov 2022 22:44
 Operator : CG/JU
 Sample : N5607-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-39

Quant Time: Nov 18 03:18:00 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

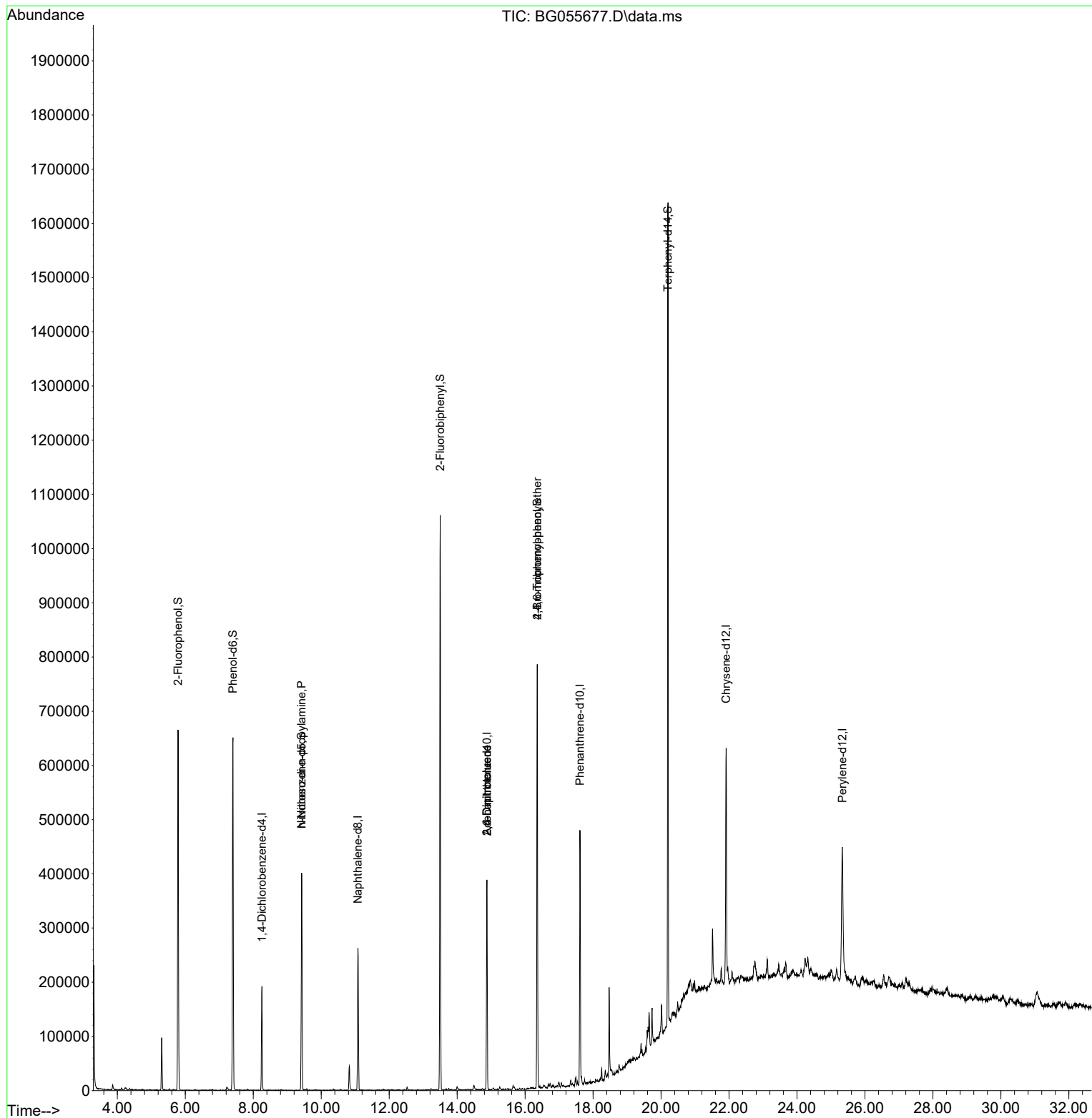
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	56026	20.000	ng	0.00
21) Naphthalene-d8	11.080	136	225450	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	146515	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	303939	20.000	ng	0.00
76) Chrysene-d12	21.914	240	284333	20.000	ng	0.00
86) Perylene-d12	25.334	264	297744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	288410	93.047	ng	0.00
7) Phenol-d6	7.402	99	370393	89.769	ng	0.01
23) Nitrobenzene-d5	9.423	82	236745	55.503	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	169126	81.976	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	560405	57.302	ng	0.00
79) Terphenyl-d14	20.204	244	796931	56.060	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.423	70	32346	10.203	ng	# 76
51) 2,6-Dinitrotoluene	14.875	165	19034	7.970	ng	# 26
57) 2,4-Dinitrotoluene	14.875	165	19034	5.653	ng	# 24
67) 4-Bromophenyl-phenylether	16.356	248	11190	3.231	ng	# 1

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

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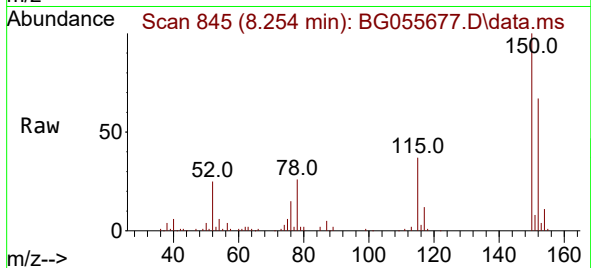
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
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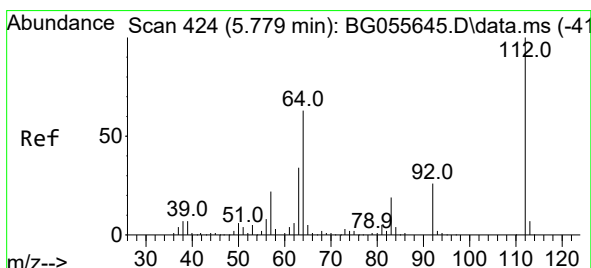
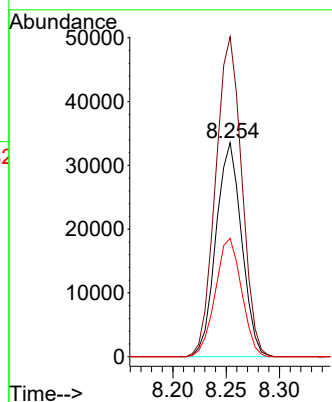
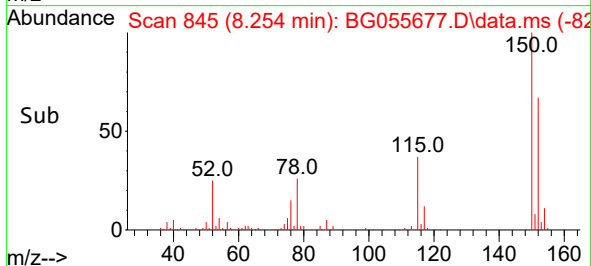


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.254 min Scan# 845
Delta R.T. 0.001 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

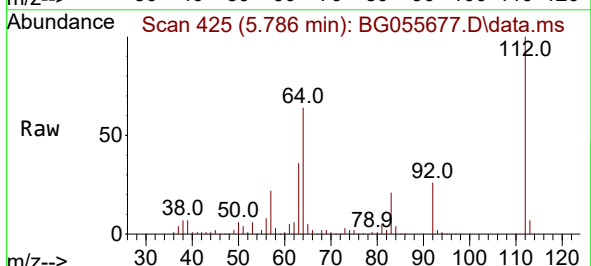
Instrument :
BNA_G
ClientSampleId :
SB-39



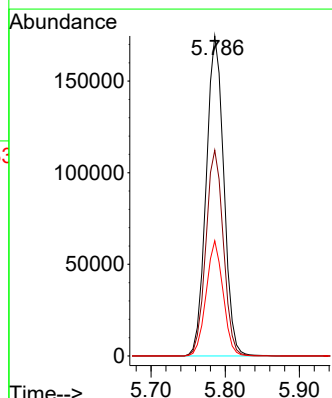
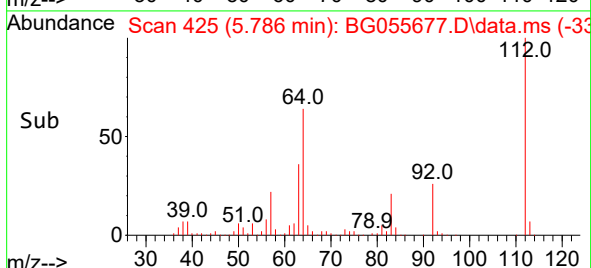
Tgt Ion:152 Resp: 56026
Ion Ratio Lower Upper
152 100
150 149.5 123.0 184.6
115 55.3 47.0 70.4

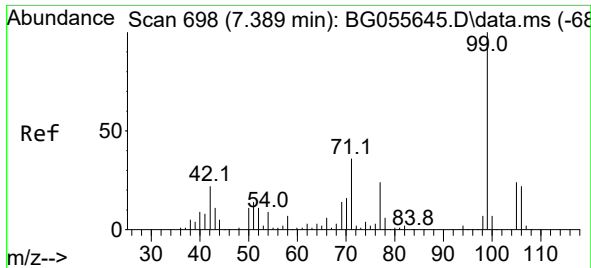


#5
2-Fluorophenol
Concen: 93.047 ng
RT: 5.786 min Scan# 425
Delta R.T. 0.007 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44



Tgt Ion:112 Resp: 288410
Ion Ratio Lower Upper
112 100
64 64.3 50.6 76.0
63 36.0 27.5 41.3

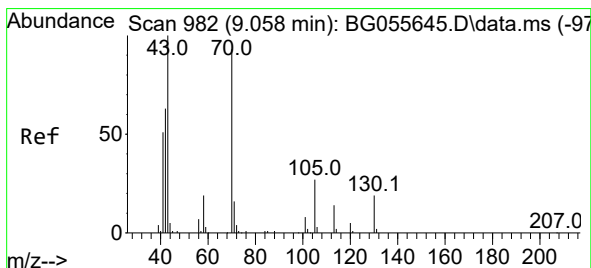
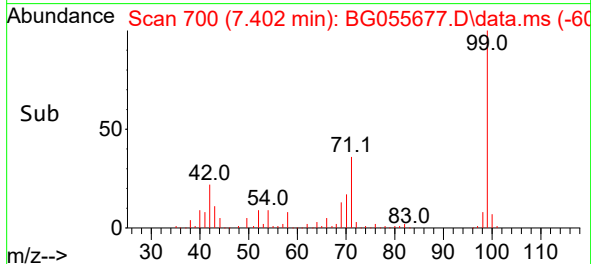
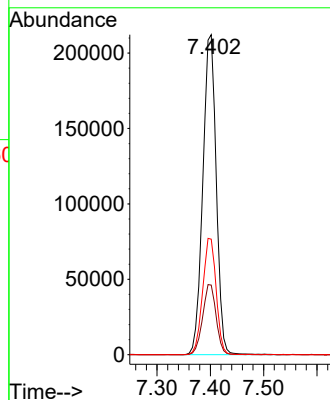
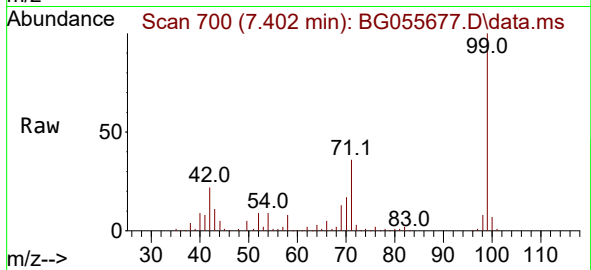




#7
Phenol-d6
Concen: 89.769 ng
RT: 7.402 min Scan# 70
Delta R.T. 0.013 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

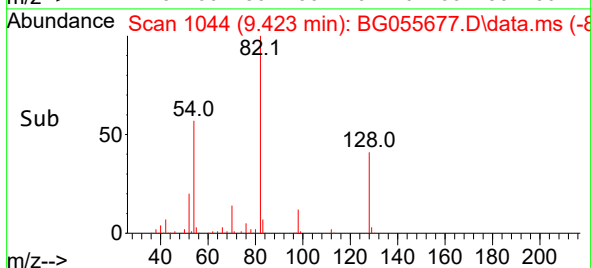
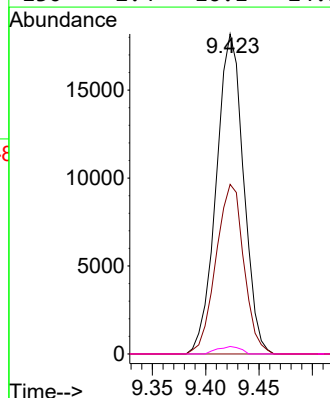
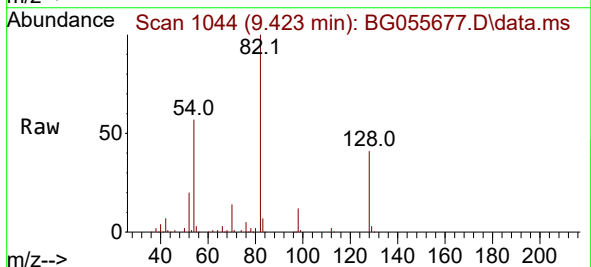
Instrument :
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ClientSampleId :
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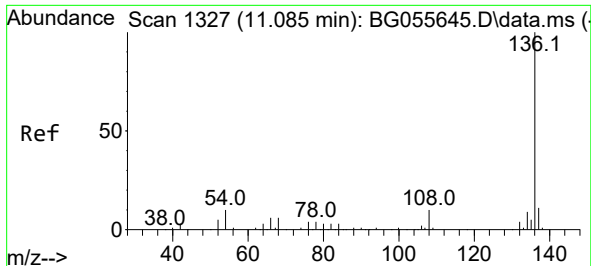
Tgt Ion: 99 Resp: 370393
Ion Ratio Lower Upper
99 100
42 21.8 18.0 27.0
71 36.1 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.203 ng
RT: 9.423 min Scan# 1044
Delta R.T. 0.365 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

Tgt Ion: 70 Resp: 32346
Ion Ratio Lower Upper
70 100
42 53.0 55.2 82.8#
101 0.0 7.1 10.7#
130 2.4 16.1 24.1#

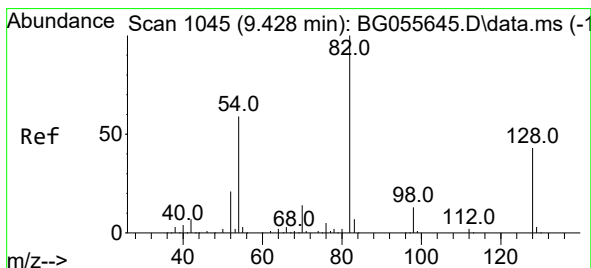
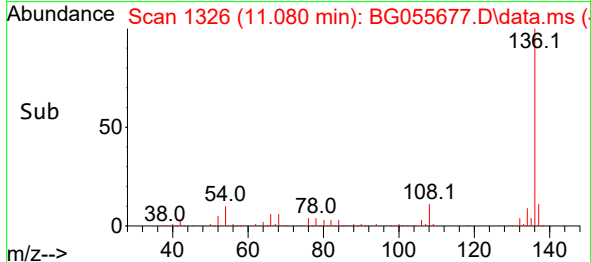
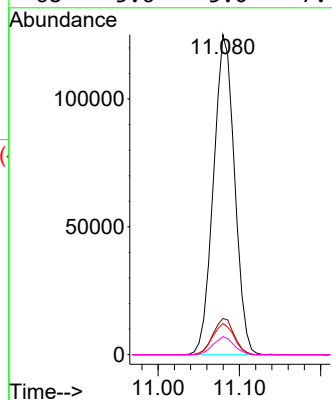
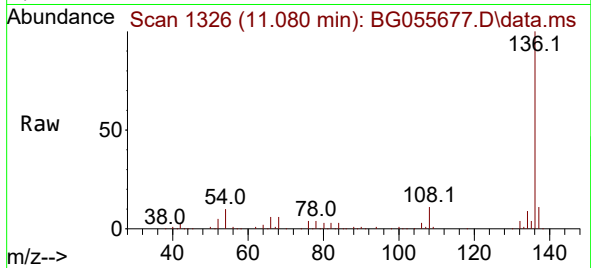




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.080 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

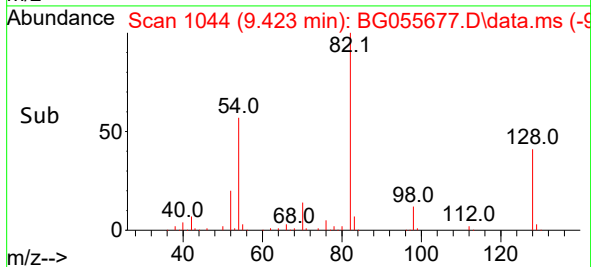
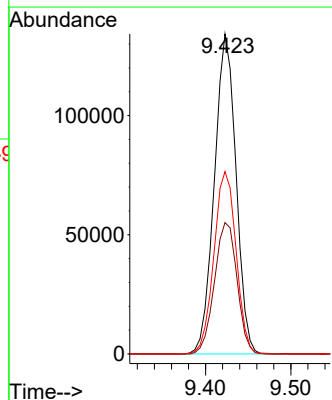
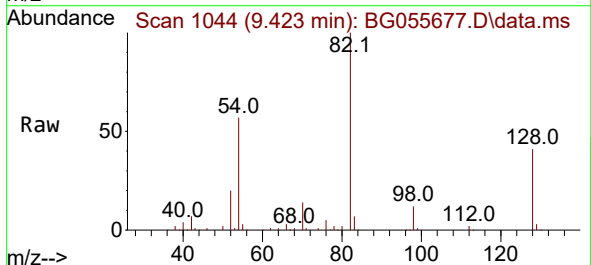
Instrument :
BNA_G
ClientSampleId :
SB-39

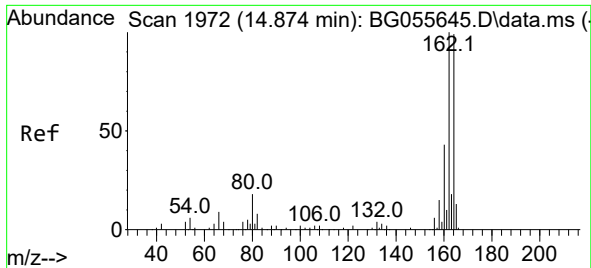
Tgt Ion:	136	Resp:	225450
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.7	7.8	11.6
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 55.503 ng
RT: 9.423 min Scan# 1044
Delta R.T. -0.005 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

Tgt Ion:	82	Resp:	236745
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.1	51.1
54	57.0	47.3	70.9

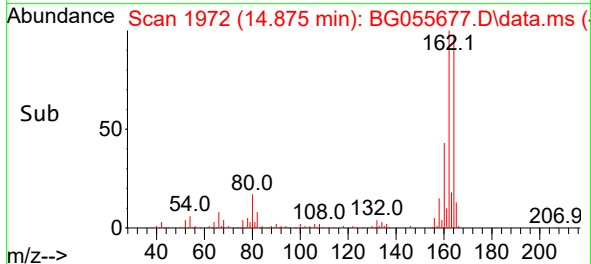
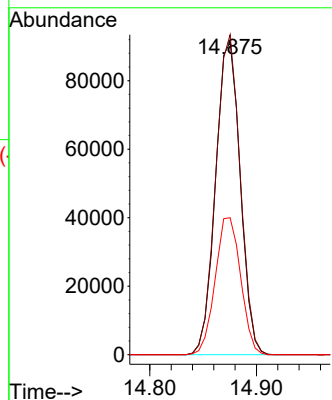
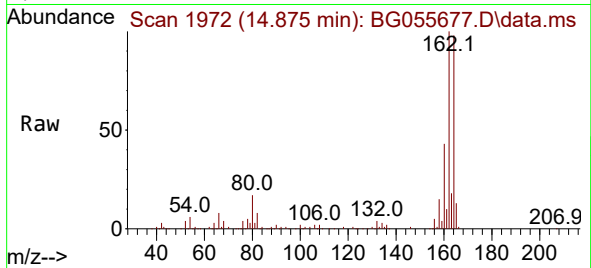




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.001 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

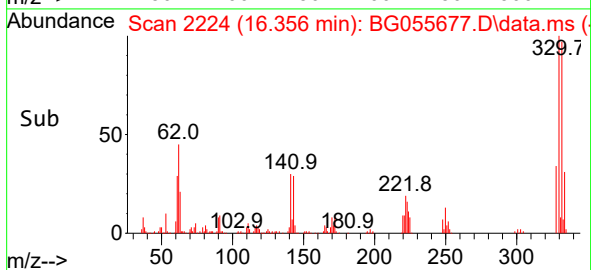
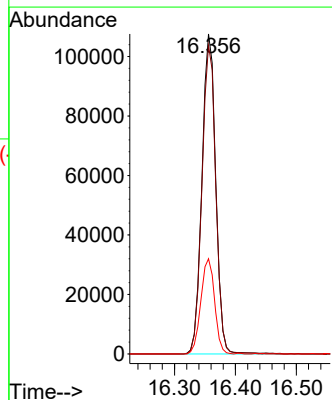
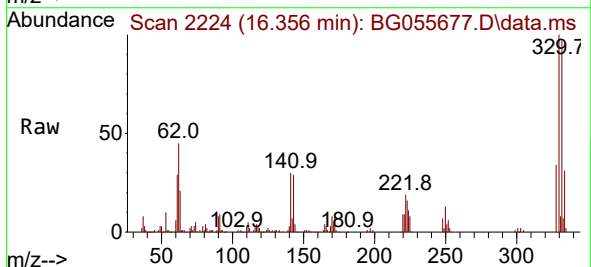
Instrument :
BNA_G
ClientSampleId :
SB-39

Tgt Ion:164 Resp: 146515
Ion Ratio Lower Upper
164 100
162 102.3 81.1 121.7
160 43.8 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 81.976 ng
RT: 16.356 min Scan# 2224
Delta R.T. 0.001 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

Tgt Ion:330 Resp: 169126
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 29.6 23.9 35.9

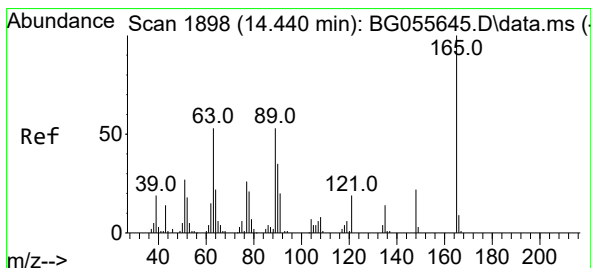
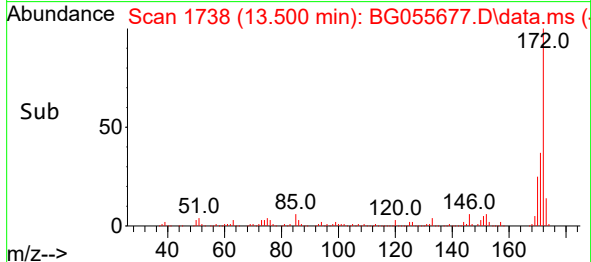
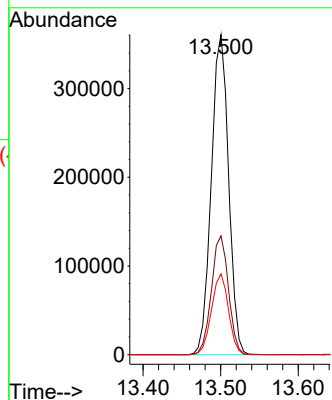
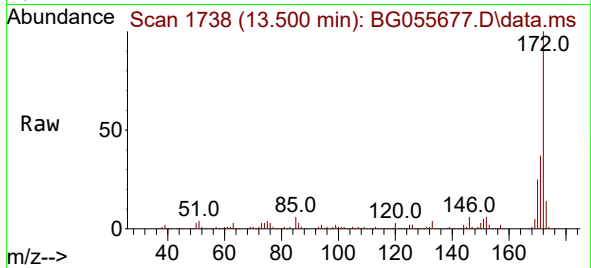




#45
2-Fluorobiphenyl
Concen: 57.302 ng
RT: 13.500 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

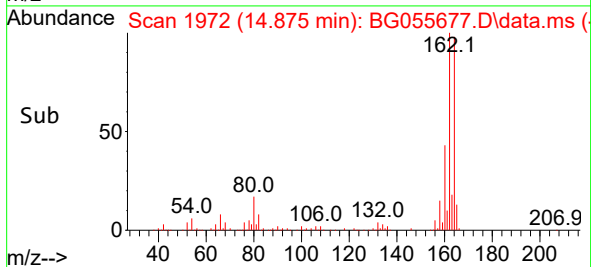
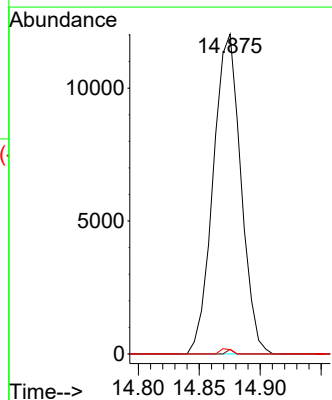
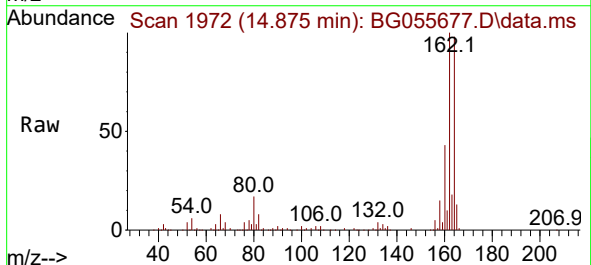
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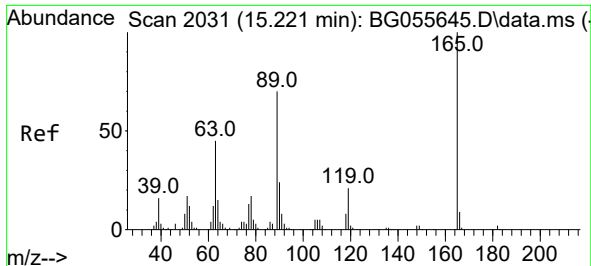
Tgt Ion:172 Resp: 560405
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.2 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.970 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.436 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

Tgt Ion:165 Resp: 19034
Ion Ratio Lower Upper
165 100
63 1.5 44.6 66.8#
89 1.4 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.653 ng

RT: 14.875 min Scan# 19034

Delta R.T. -0.346 min

Lab File: BG055677.D

Acq: 17 Nov 2022 22:44

Instrument :

BNA_G

ClientSampleId :

SB-39

Tgt Ion:165 Resp: 19034

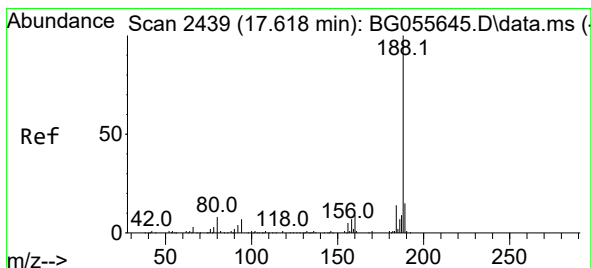
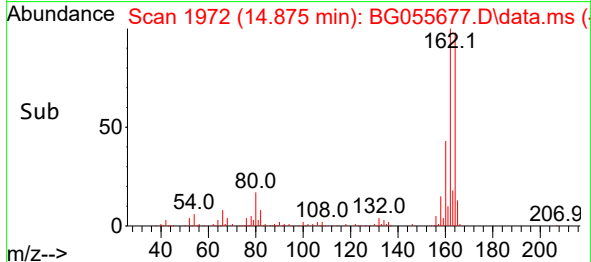
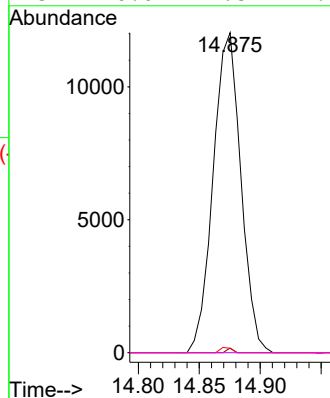
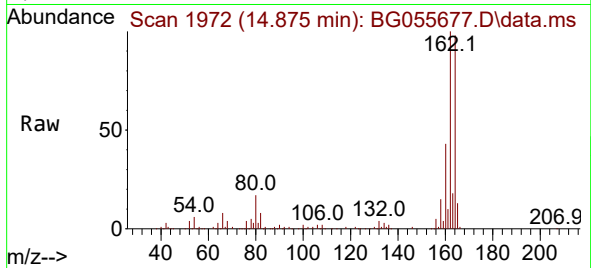
Ion Ratio Lower Upper

165 100

63 1.5 35.8 53.8#

89 1.4 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.613 min Scan# 2438

Delta R.T. -0.005 min

Lab File: BG055677.D

Acq: 17 Nov 2022 22:44

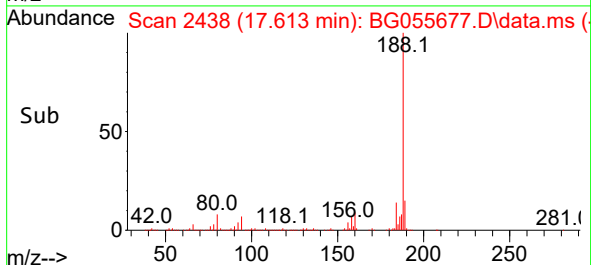
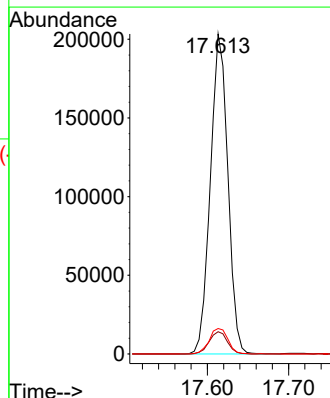
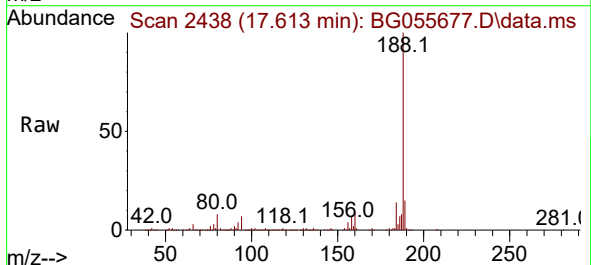
Tgt Ion:188 Resp: 303939

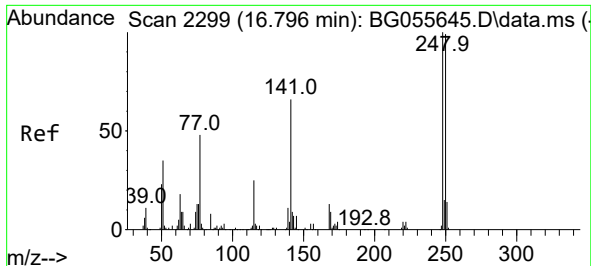
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 8.0 6.6 10.0

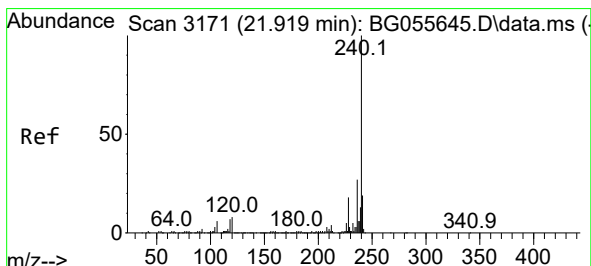
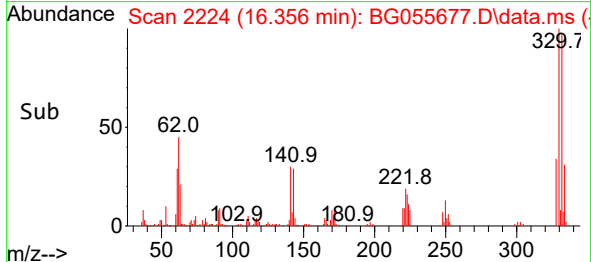
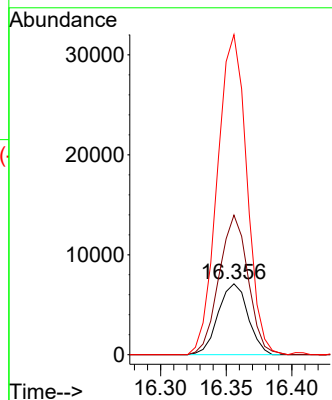
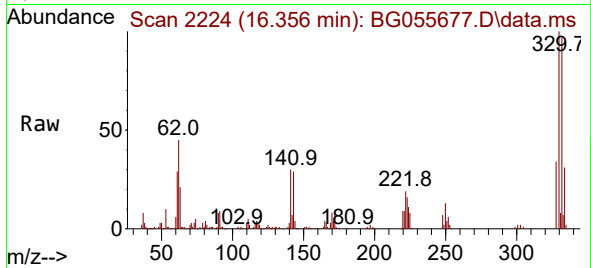




#67
4-Bromophenyl-phenylether
Concen: 3.231 ng
RT: 16.356 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

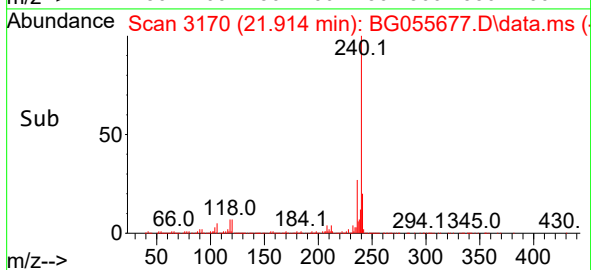
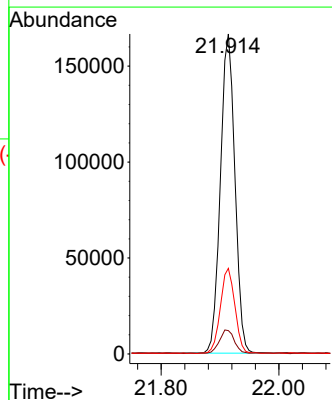
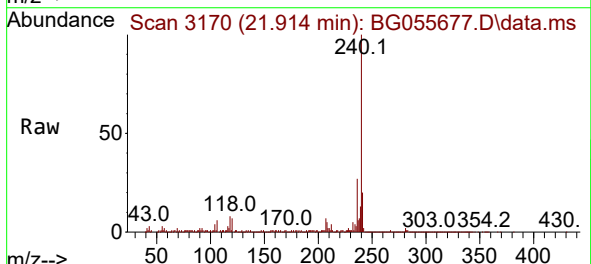
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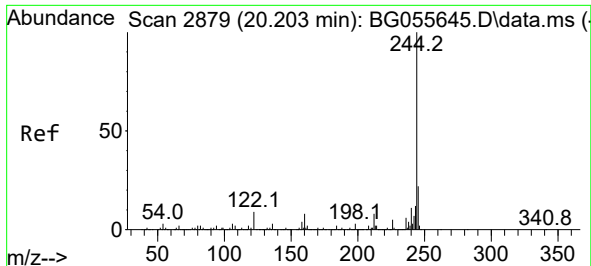
Tgt Ion:248 Resp: 11190
Ion Ratio Lower Upper
248 100
250 196.8 79.0 118.4#
141 451.6 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3170
Delta R.T. -0.005 min
Lab File: BG055677.D
Acq: 17 Nov 2022 22:44

Tgt Ion:240 Resp: 284333
Ion Ratio Lower Upper
240 100
120 7.3 6.3 9.5
236 26.8 21.9 32.9

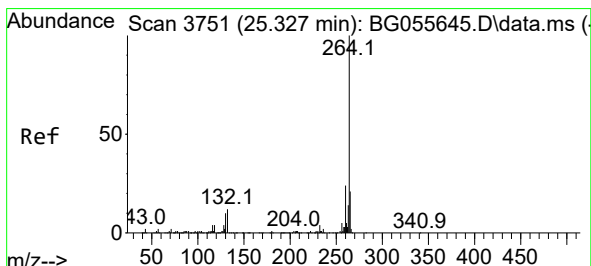
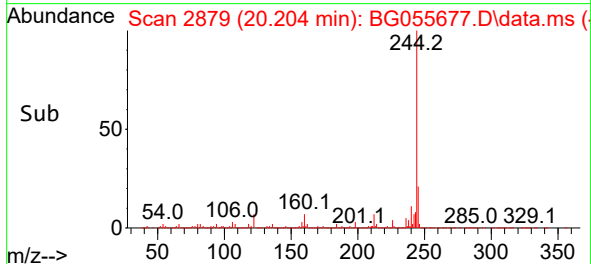
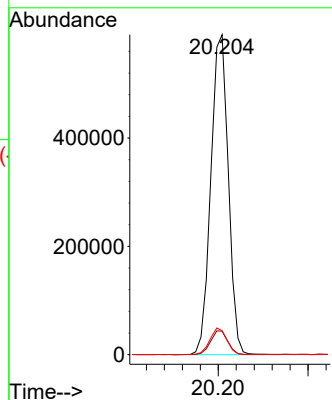
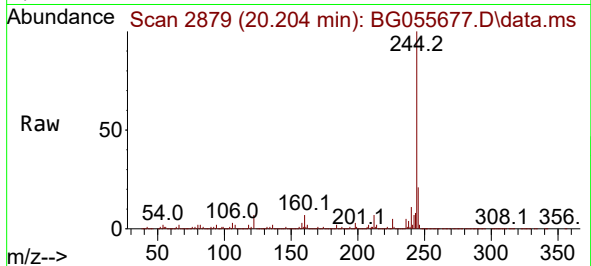




#79
 Terphenyl-d14
 Concen: 56.060 ng
 RT: 20.204 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG055677.D
 Acq: 17 Nov 2022 22:44

Instrument :
 BNA_G
 ClientSampleId :
 SB-39

Tgt Ion:244 Resp: 796931
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 7.5 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.334 min Scan# 3752
 Delta R.T. 0.007 min
 Lab File: BG055677.D
 Acq: 17 Nov 2022 22:44

Tgt Ion:264 Resp: 297744
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 22.9 17.1 25.7

