

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055678.D
 Acq On : 17 Nov 2022 23:26
 Operator : CG/JU
 Sample : N5491-07RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3RE

Quant Time: Nov 18 03:18:12 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)

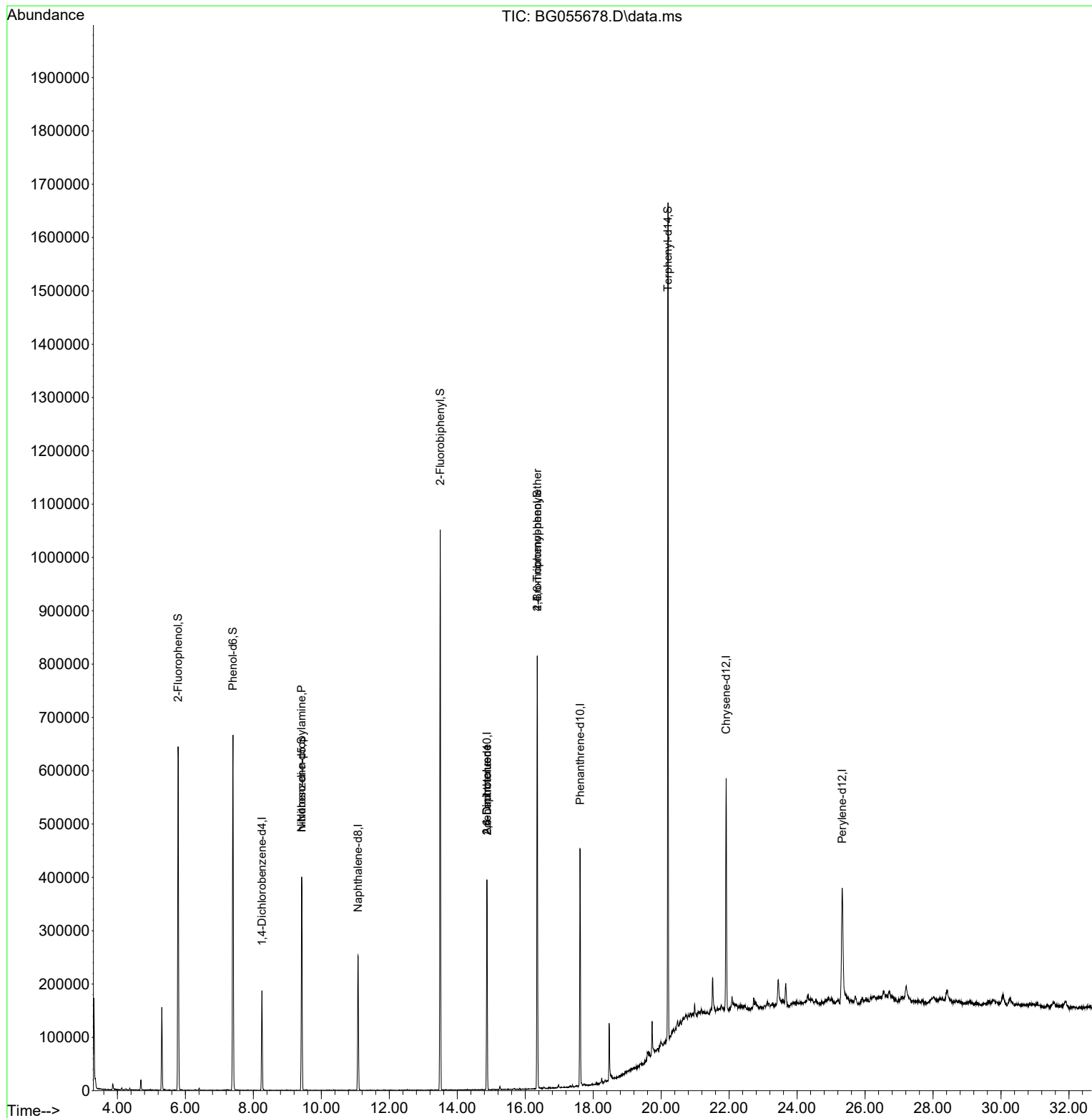
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	52944	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	219700	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	143177	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	297596	20.000	ng	0.00
76) Chrysene-d12	21.913	240	278926	20.000	ng	0.00
86) Perylene-d12	25.326	264	285334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	290006	99.009	ng	0.00
7) Phenol-d6	7.400	99	373622	95.823	ng	0.01
23) Nitrobenzene-d5	9.422	82	235996	56.775	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	167200	82.932	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	551108	57.665	ng	0.00
79) Terphenyl-d14	20.203	244	784011	56.220	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.422	70	31965	10.670	ng	Qvalue # 74
51) 2,6-Dinitrotoluene	14.874	165	18450	7.906	ng	# 26
57) 2,4-Dinitrotoluene	14.874	165	18450	5.607	ng	# 24
67) 4-Bromophenyl-phenylether	16.355	248	10759	3.173	ng	# 1

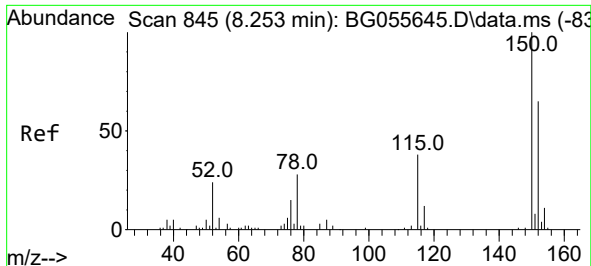
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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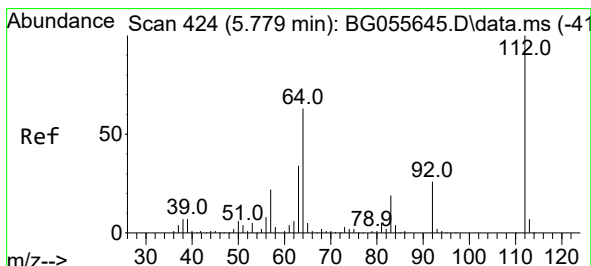
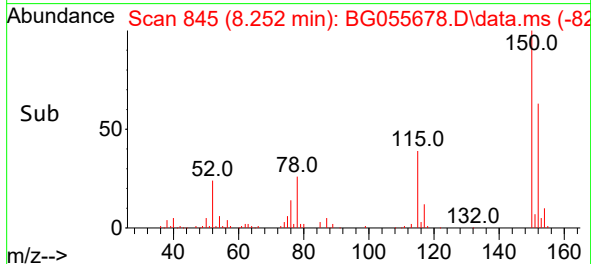
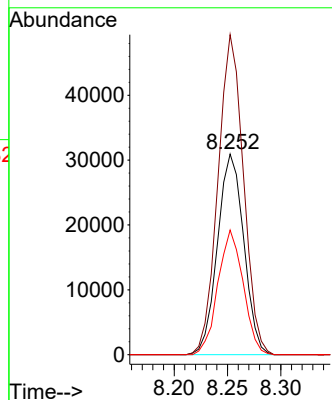
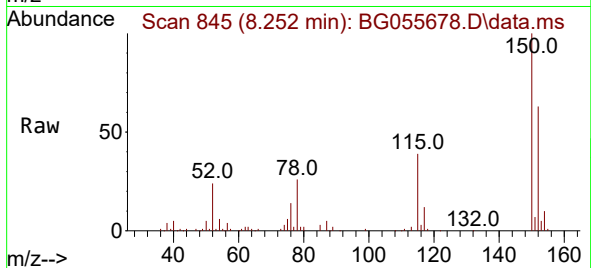




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG055678.D
Acq: 17 Nov 2022 23:26

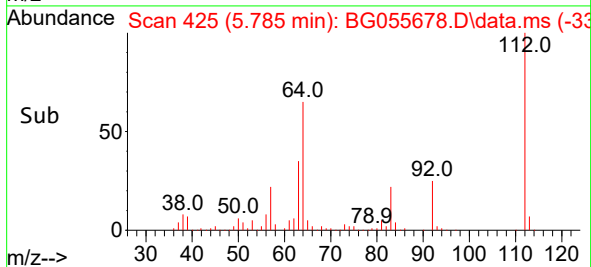
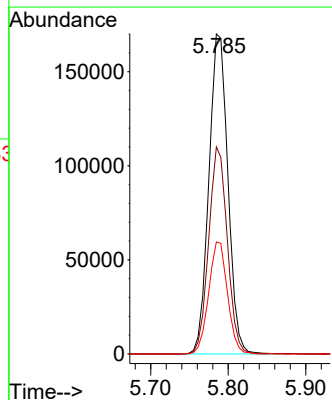
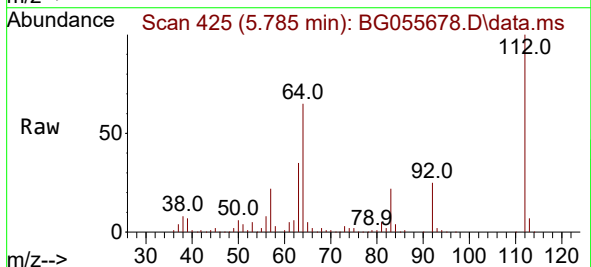
Instrument :
BNA_G
ClientSampleId :
TP-3RE

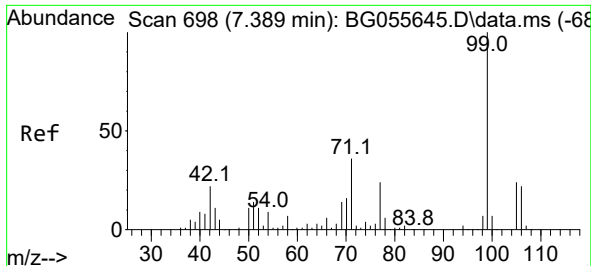
Tgt Ion:152 Resp: 52944
Ion Ratio Lower Upper
152 100
150 159.5 123.0 184.6
115 62.2 47.0 70.4



#5
2-Fluorophenol
Concen: 99.009 ng
RT: 5.785 min Scan# 425
Delta R.T. 0.006 min
Lab File: BG055678.D
Acq: 17 Nov 2022 23:26

Tgt Ion:112 Resp: 290006
Ion Ratio Lower Upper
112 100
64 64.7 50.6 76.0
63 35.0 27.5 41.3

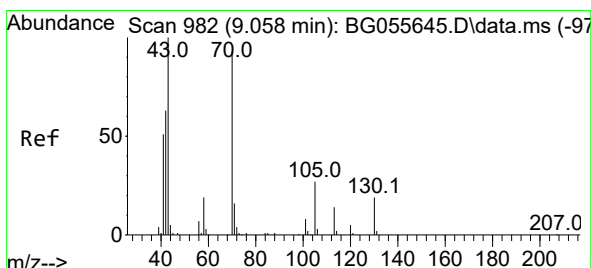
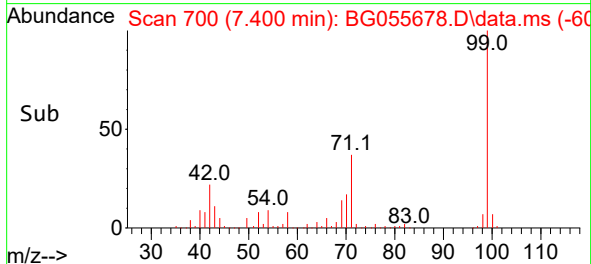
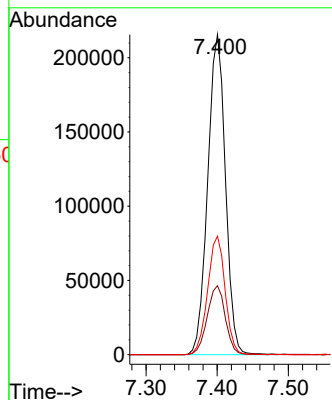
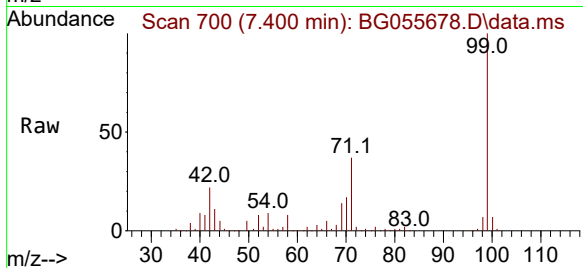




#7
Phenol-d6
Concen: 95.823 ng
RT: 7.400 min Scan# 70
Delta R.T. 0.011 min
Lab File: BG055678.D
Acq: 17 Nov 2022 23:26

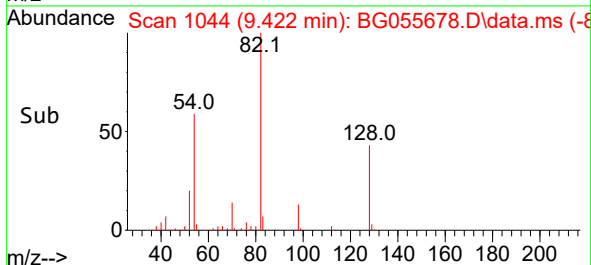
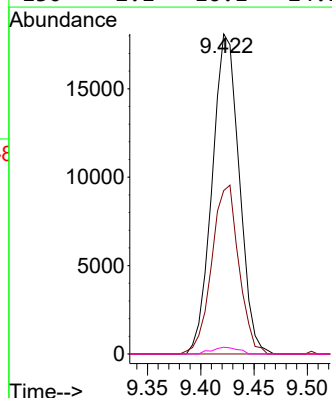
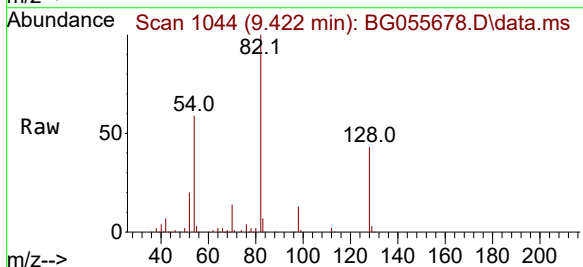
Instrument :
BNA_G
ClientSampleId :
TP-3RE

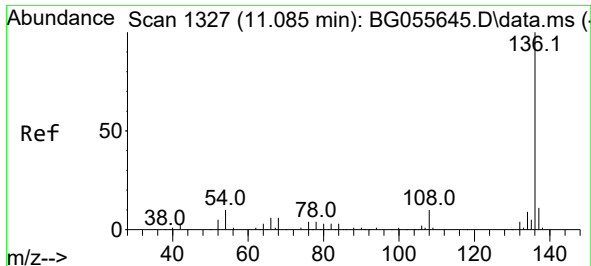
Tgt Ion: 99 Resp: 373622
Ion Ratio Lower Upper
99 100
42 21.5 18.0 27.0
71 37.0 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.670 ng
RT: 9.422 min Scan# 1044
Delta R.T. 0.364 min
Lab File: BG055678.D
Acq: 17 Nov 2022 23:26

Tgt Ion: 70 Resp: 31965
Ion Ratio Lower Upper
70 100
42 51.0 55.2 82.8#
101 0.0 7.1 10.7#
130 2.1 16.1 24.1#



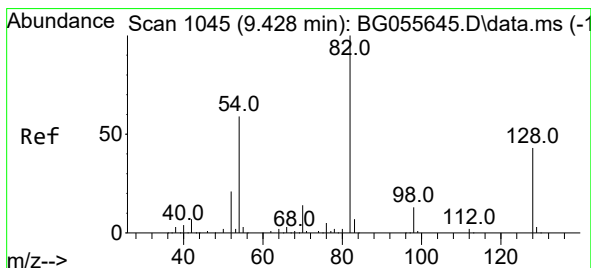
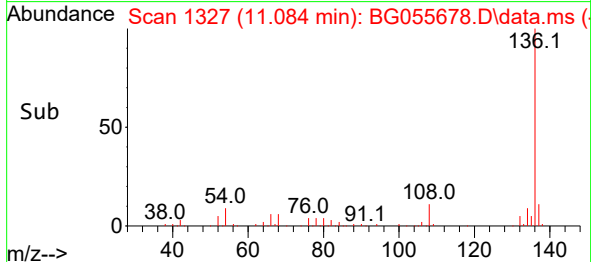
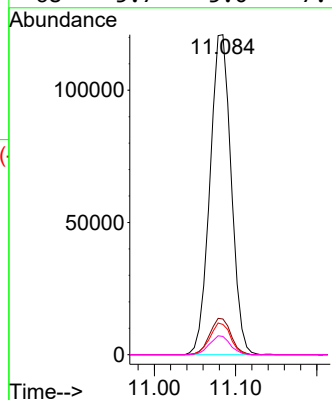
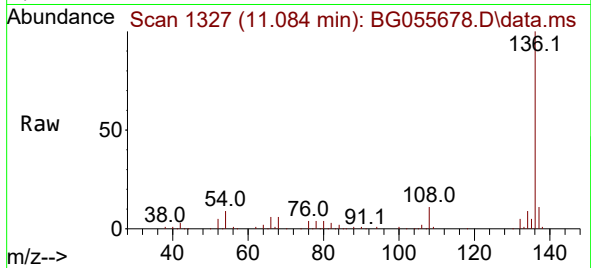


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055678.D
Acq: 17 Nov 2022 23:26

Instrument :
BNA_G
ClientSampleId :
TP-3RE

Tgt Ion:136 Resp: 219700

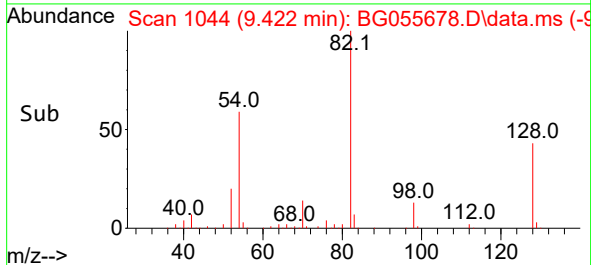
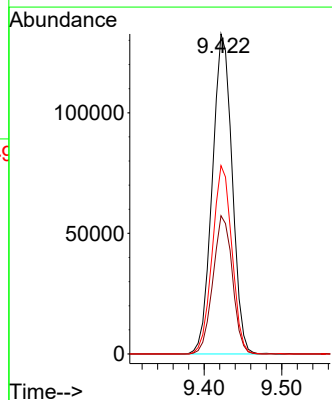
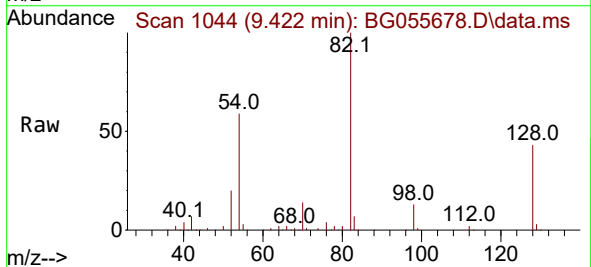
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.5	7.8	11.6
68	5.7	5.0	7.4

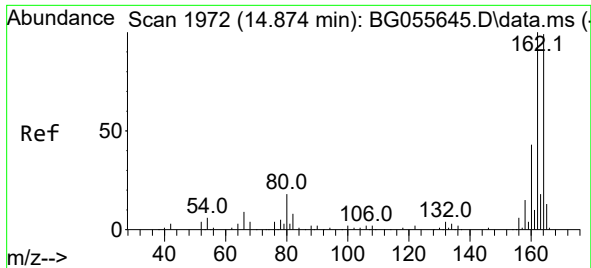


#23
Nitrobenzene-d5
Concen: 56.775 ng
RT: 9.422 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055678.D
Acq: 17 Nov 2022 23:26

Tgt Ion: 82 Resp: 235996

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.1	51.1
54	58.8	47.3	70.9

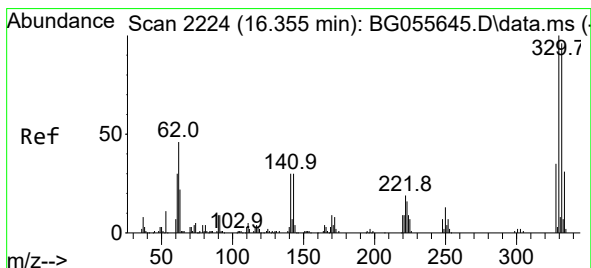
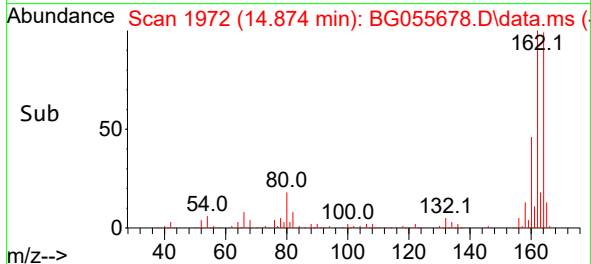
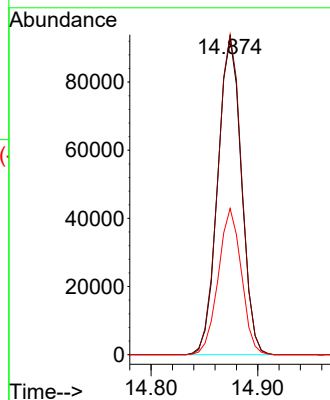
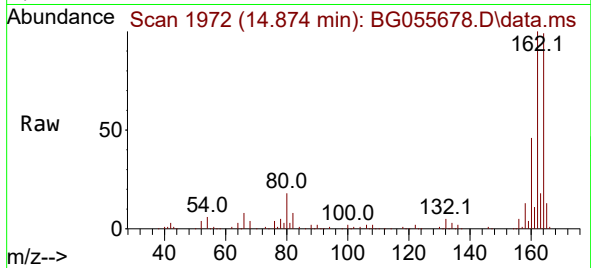




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG055678.D
Acq: 17 Nov 2022 23:26

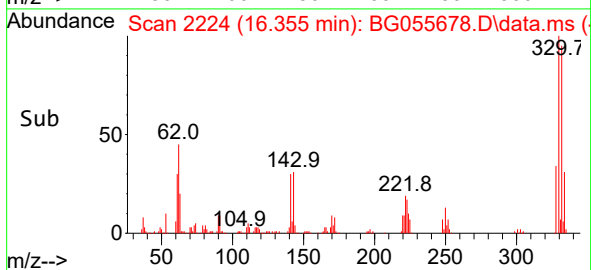
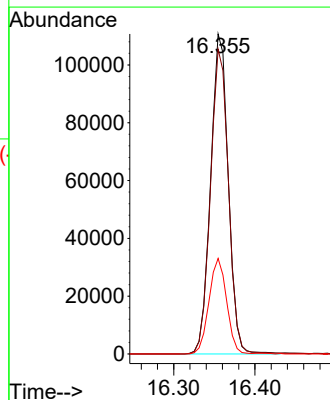
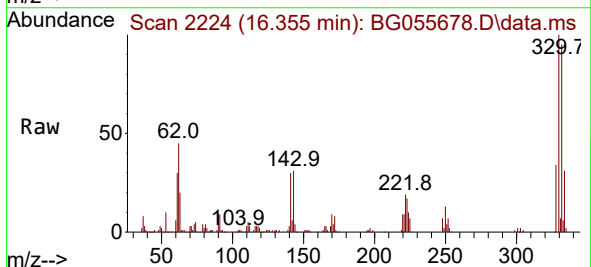
Instrument :
BNA_G
ClientSampleId :
TP-3RE

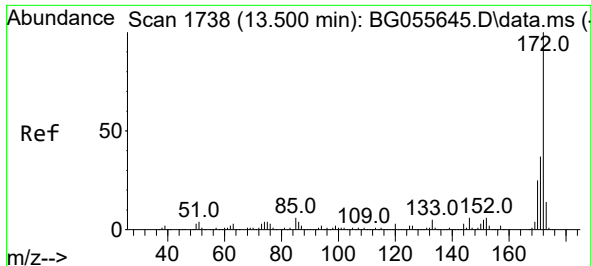
Tgt Ion:164 Resp: 143177
Ion Ratio Lower Upper
164 100
162 101.1 81.1 121.7
160 46.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 82.932 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BG055678.D
Acq: 17 Nov 2022 23:26

Tgt Ion:330 Resp: 167200
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 29.9 23.9 35.9

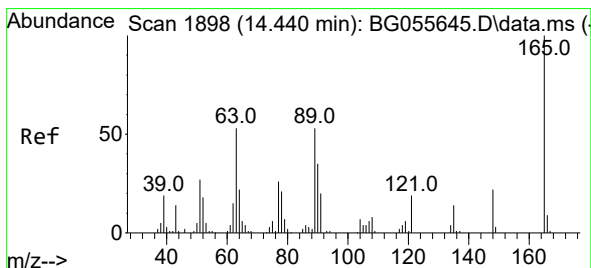
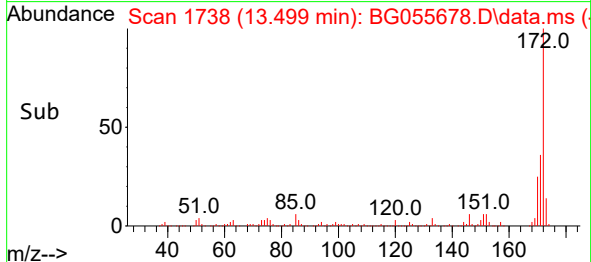
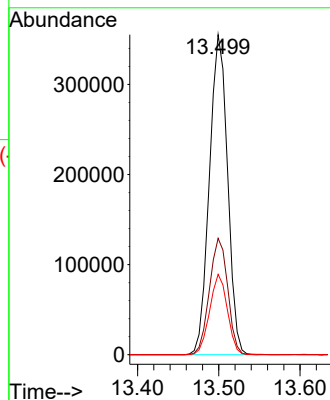
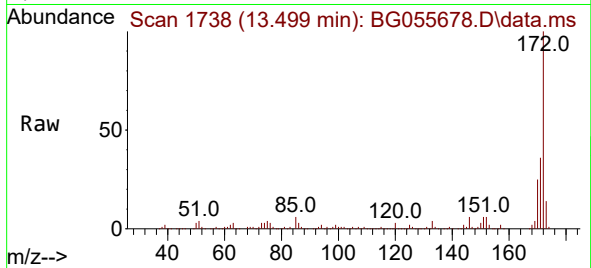




#45
2-Fluorobiphenyl
Concen: 57.665 ng
RT: 13.499 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055678.D
Acq: 17 Nov 2022 23:26

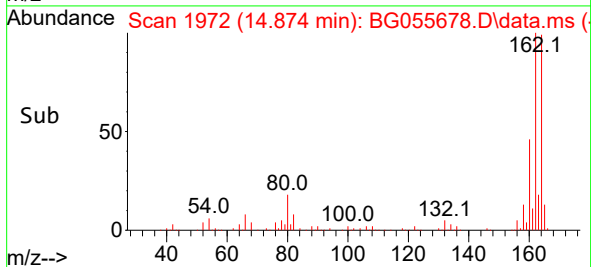
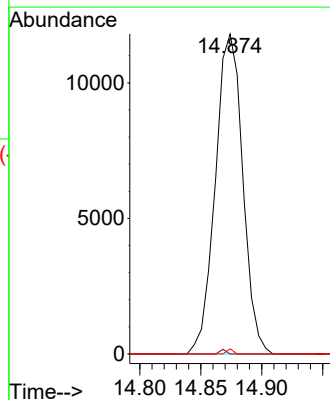
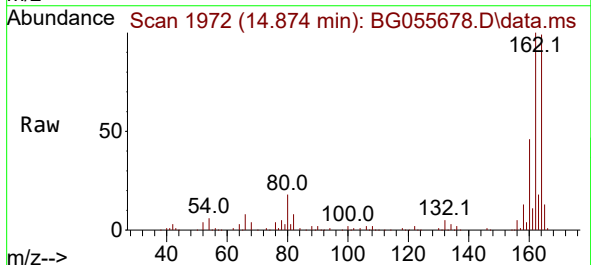
Instrument :
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ClientSampleId :
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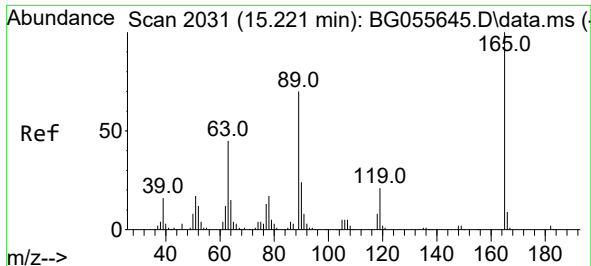
Tgt Ion:172 Resp: 551108
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 25.1 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.906 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.434 min
Lab File: BG055678.D
Acq: 17 Nov 2022 23:26

Tgt Ion:165 Resp: 18450
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 1.6 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.607 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.347 min

Lab File: BG055678.D

Acq: 17 Nov 2022 23:26

Instrument :

BNA_G

ClientSampleId :

TP-3RE

Tgt Ion:165 Resp: 18450

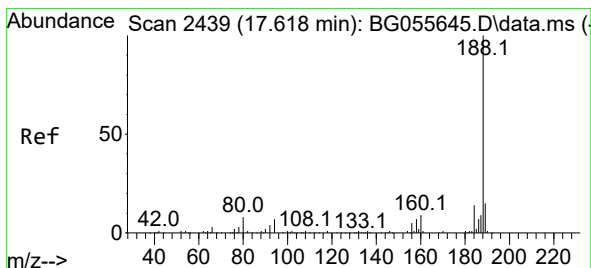
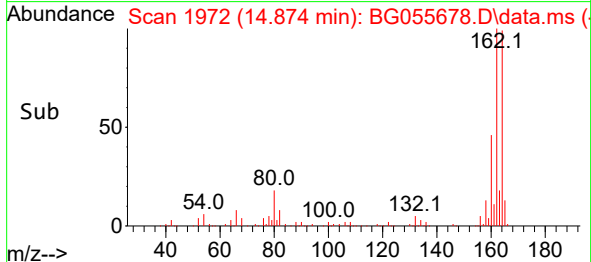
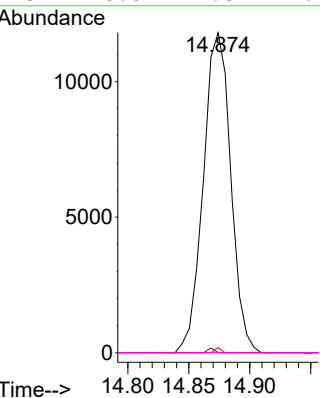
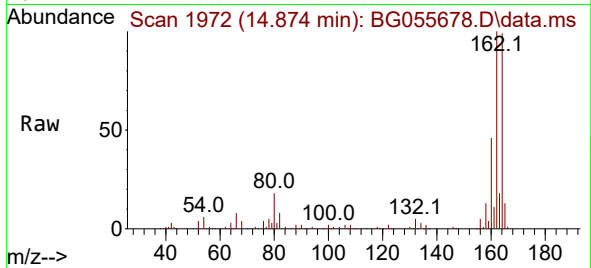
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 1.6 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BG055678.D

Acq: 17 Nov 2022 23:26

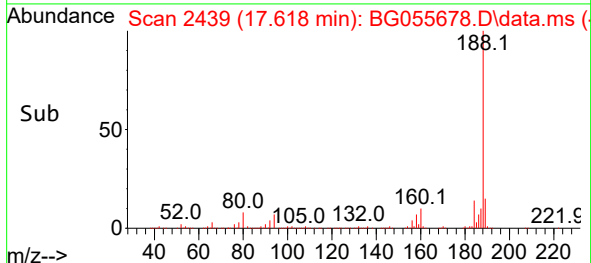
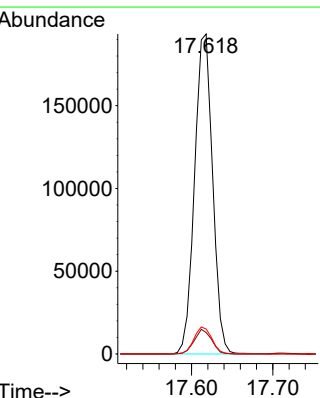
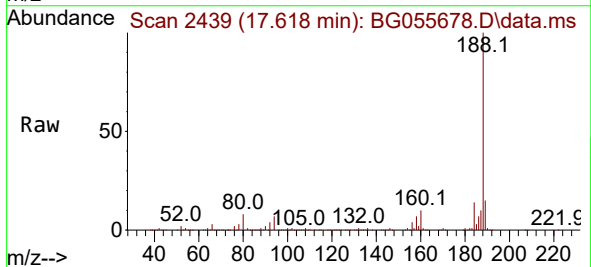
Tgt Ion:188 Resp: 297596

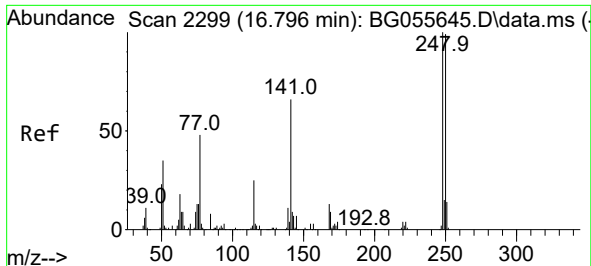
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.8 6.6 10.0

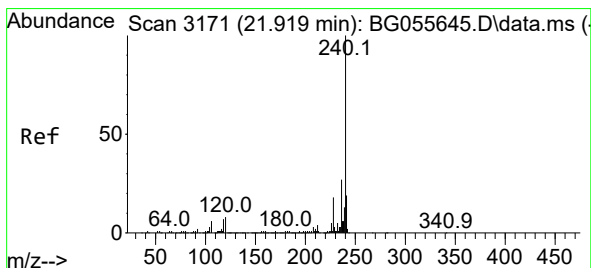
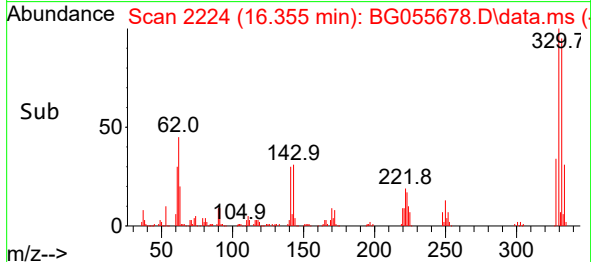
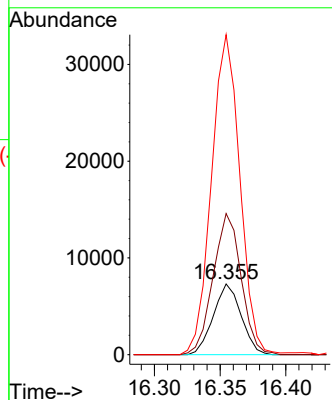
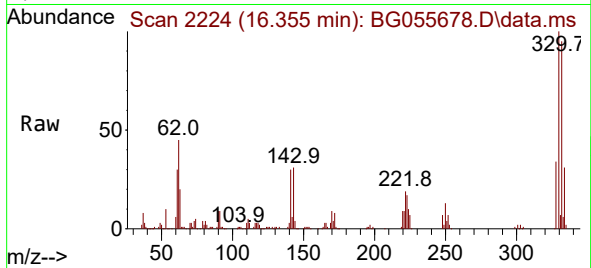




#67
4-Bromophenyl-phenylether
Concen: 3.173 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055678.D
Acq: 17 Nov 2022 23:26

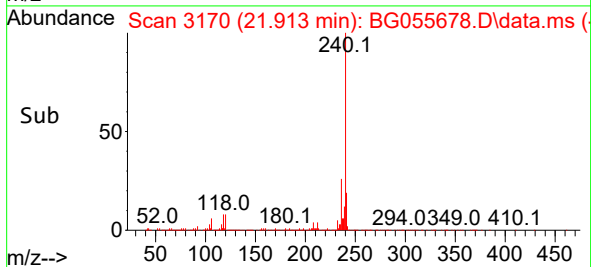
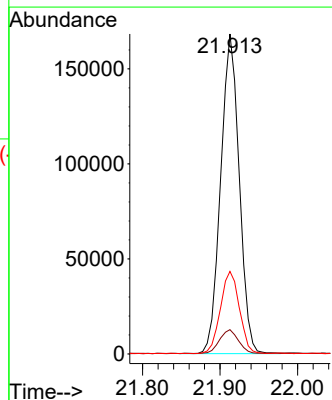
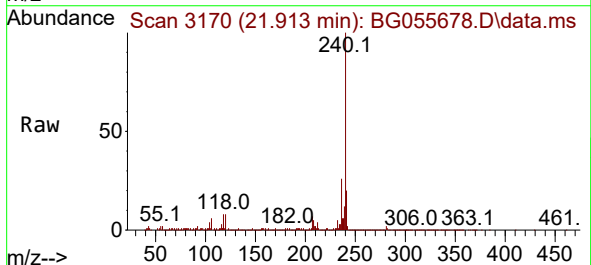
Instrument :
BNA_G
ClientSampleId :
TP-3RE

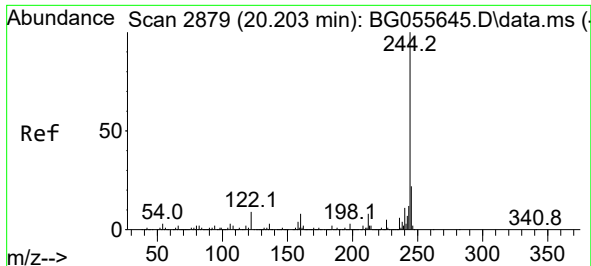
Tgt Ion:248 Resp: 10759
Ion Ratio Lower Upper
248 100
250 199.4 79.0 118.4#
141 452.2 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3170
Delta R.T. -0.006 min
Lab File: BG055678.D
Acq: 17 Nov 2022 23:26

Tgt Ion:240 Resp: 278926
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 25.8 21.9 32.9

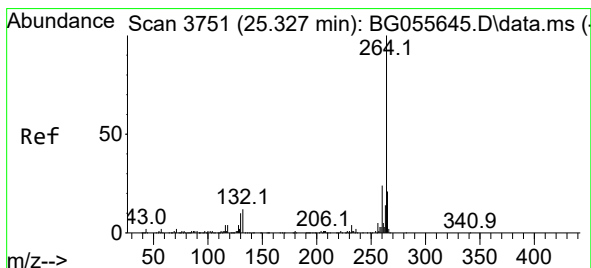
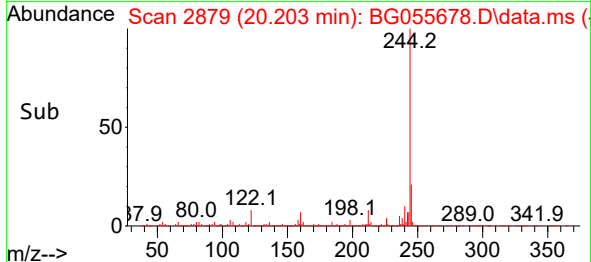
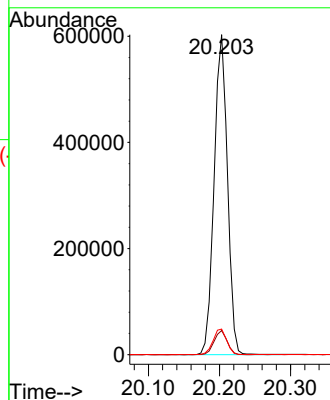
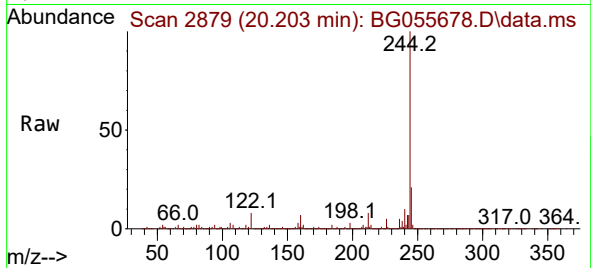




#79
 Terphenyl-d14
 Concen: 56.220 ng
 RT: 20.203 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG055678.D
 Acq: 17 Nov 2022 23:26

Instrument :
 BNA_G
 ClientSampleId :
 TP-3RE

Tgt Ion:244 Resp: 784011
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 8.0 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.326 min Scan# 3751
 Delta R.T. -0.000 min
 Lab File: BG055678.D
 Acq: 17 Nov 2022 23:26

Tgt Ion:264 Resp: 285334
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.5 29.3
 265 21.7 17.1 25.7

