

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055939.D
 Acq On : 8 Dec 2022 22:52
 Operator : CG/JU
 Sample : N5943-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RM-301

Quant Time: Dec 09 08:14:00 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)

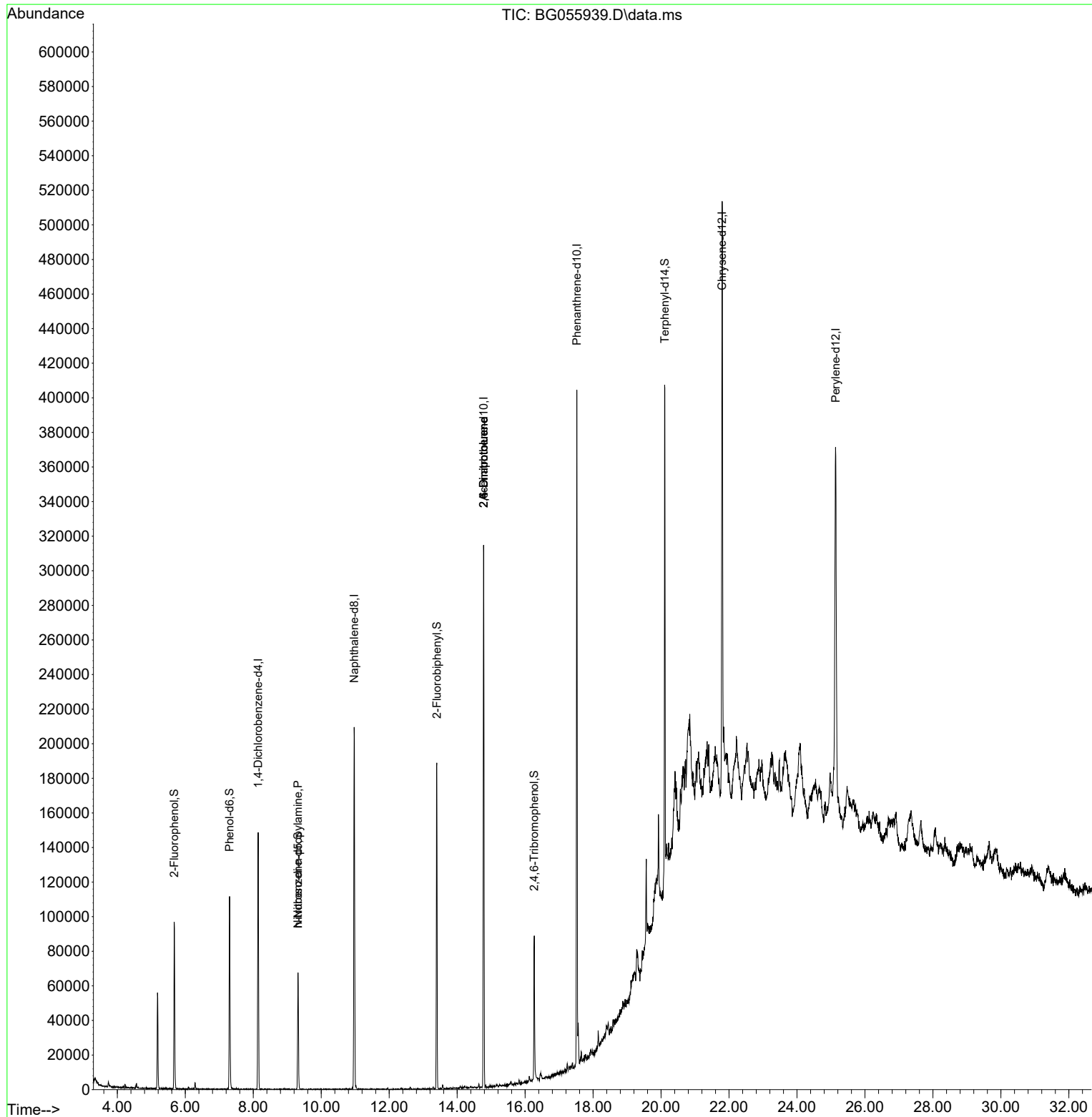
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.142	152	42214	20.000	ng	0.00
21) Naphthalene-d8	10.968	136	179446	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	117095	20.000	ng	0.00
64) Phenanthrene-d10	17.519	188	245020	20.000	ng	0.00
76) Chrysene-d12	21.796	240	211487	20.000	ng	0.00
86) Perylene-d12	25.133	264	248021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	41737	17.871	ng	0.00
7) Phenol-d6	7.301	99	61901	19.911	ng	0.00
23) Nitrobenzene-d5	9.317	82	39798	11.722	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	19812	12.016	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	101796	13.024	ng	0.00
79) Terphenyl-d14	20.110	244	142339	13.462	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.317	70	5384	2.254	ng	Qvalue # 79
51) 2,6-Dinitrotoluene	14.781	165	15088	7.905	ng	# 24
57) 2,4-Dinitrotoluene	14.781	165	15088	5.607	ng	# 22

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

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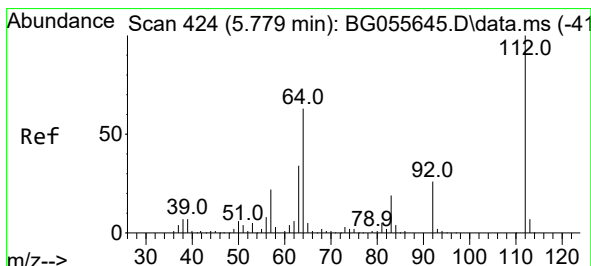
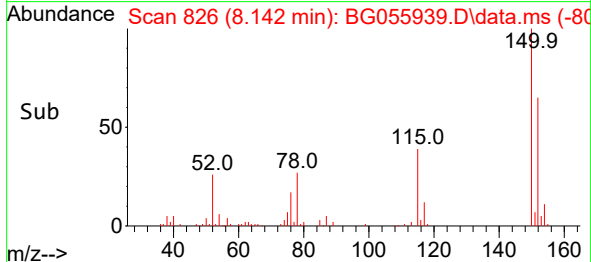
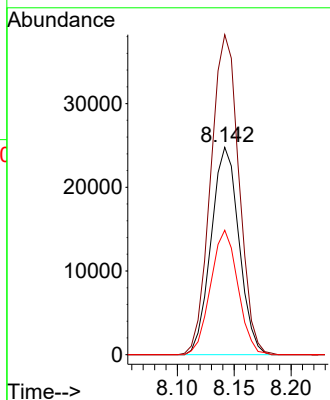
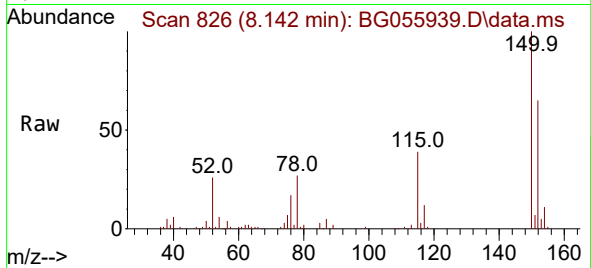




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.142 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

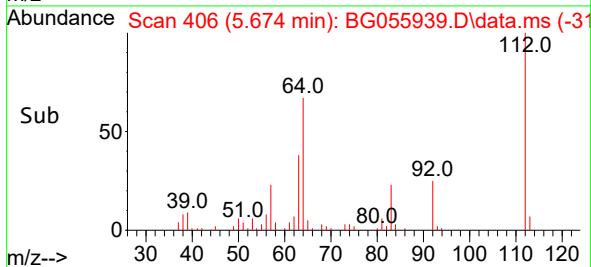
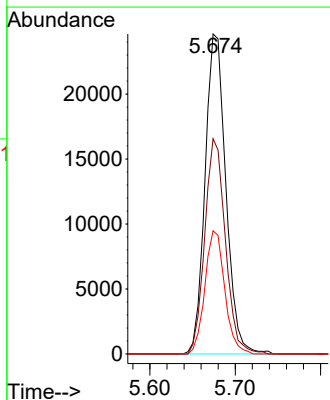
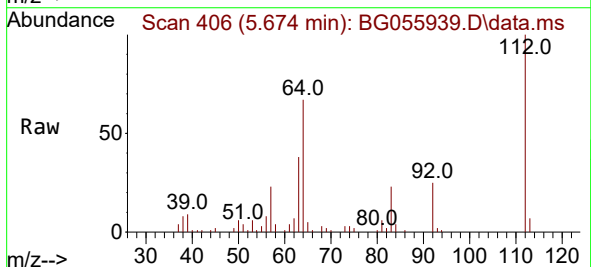
Instrument :
BNA_G
ClientSampleId :
RM-301

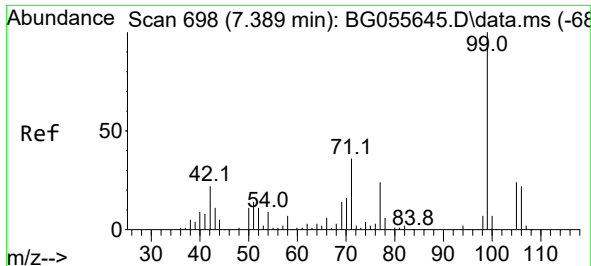
Tgt Ion:152 Resp: 42214
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.6
115 60.0 47.0 70.4



#5
2-Fluorophenol
Concen: 17.871 ng
RT: 5.674 min Scan# 406
Delta R.T. 0.001 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

Tgt Ion:112 Resp: 41737
Ion Ratio Lower Upper
112 100
64 67.3 50.6 76.0
63 38.5 27.5 41.3

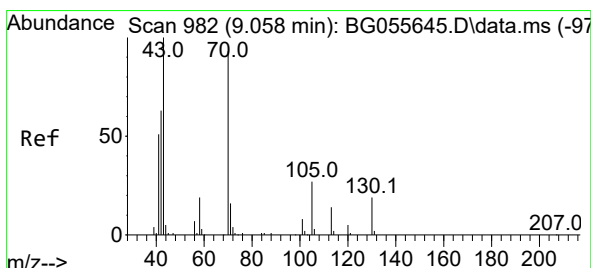
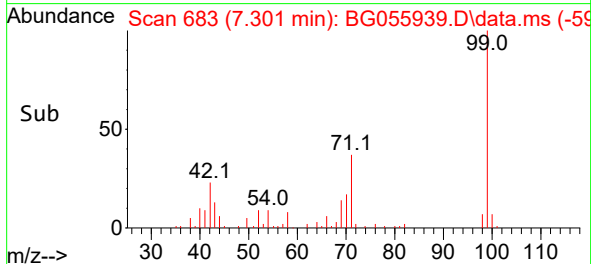
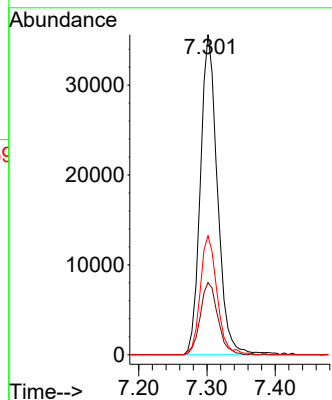
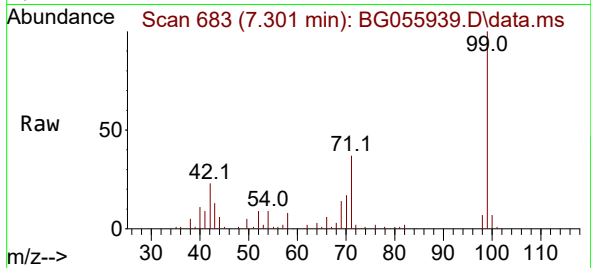




#7
Phenol-d6
Concen: 19.911 ng
RT: 7.301 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

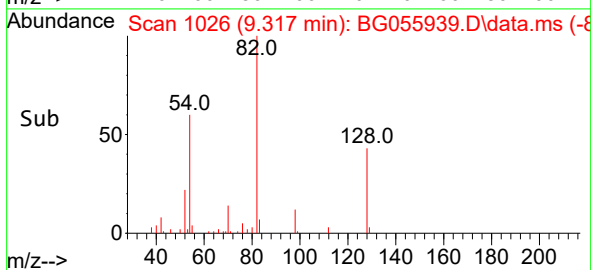
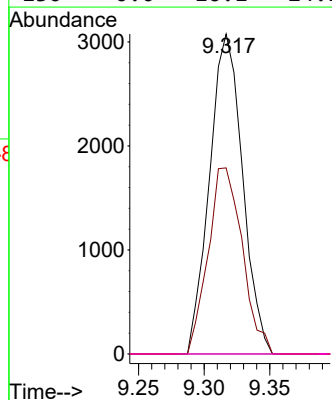
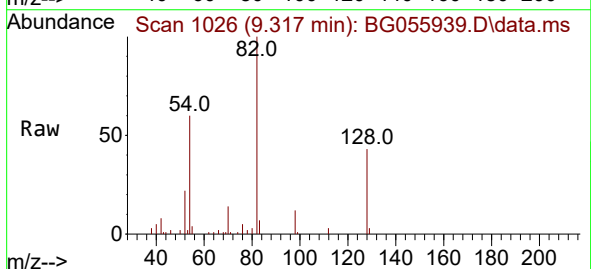
Instrument :
BNA_G
ClientSampleId :
RM-301

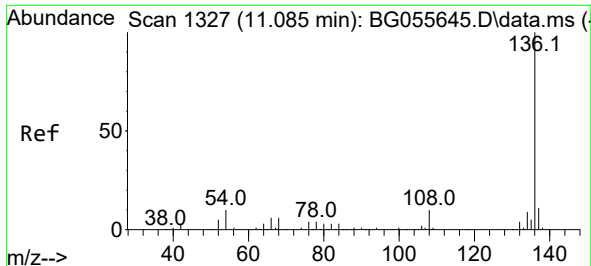
Tgt Ion: 99 Resp: 61901
Ion Ratio Lower Upper
99 100
42 22.5 18.0 27.0
71 37.1 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 2.254 ng
RT: 9.317 min Scan# 1026
Delta R.T. 0.365 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

Tgt Ion: 70 Resp: 5384
Ion Ratio Lower Upper
70 100
42 58.2 55.2 82.8
101 0.0 7.1 10.7#
130 0.0 16.1 24.1#

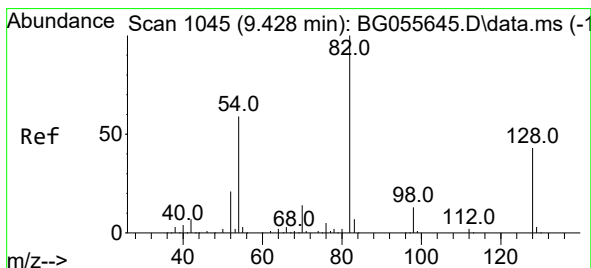
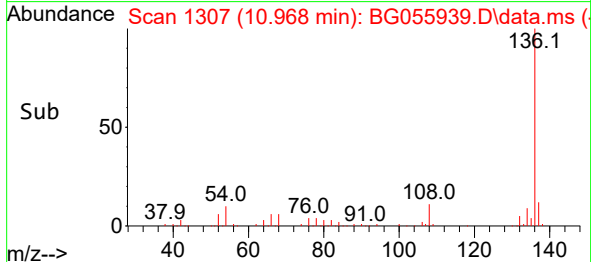
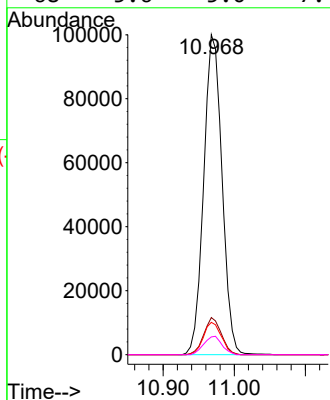
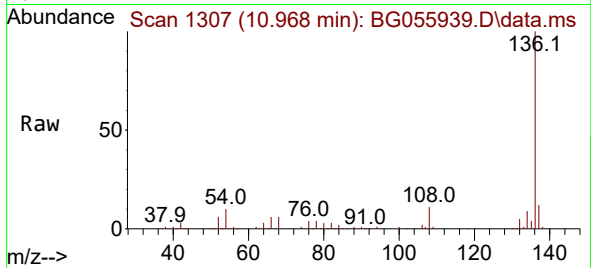




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.968 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

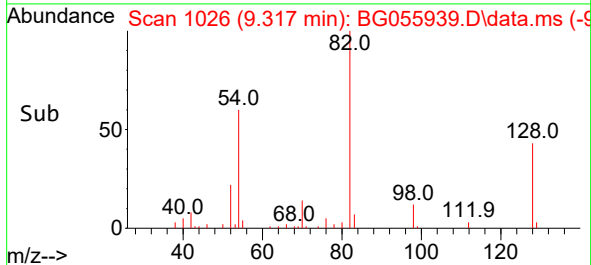
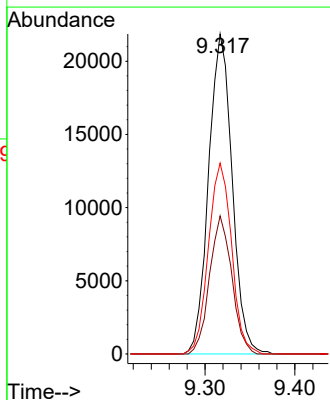
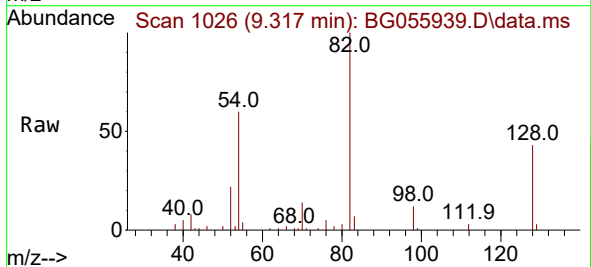
Instrument :
BNA_G
ClientSampleId :
RM-301

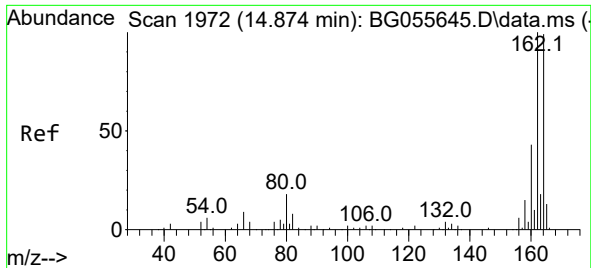
Tgt Ion:	136	Resp:	179446
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.6
54	10.1	7.8	11.6
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 11.722 ng
RT: 9.317 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

Tgt Ion:	82	Resp:	39798
Ion Ratio	Lower	Upper	
82	100		
128	43.1	34.1	51.1
54	59.7	47.3	70.9

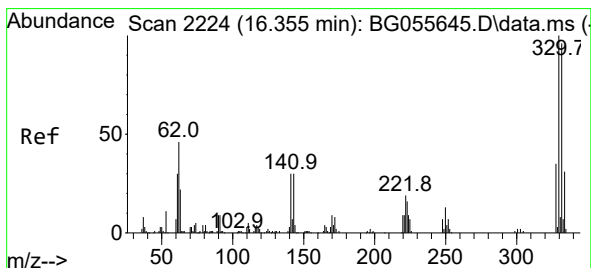
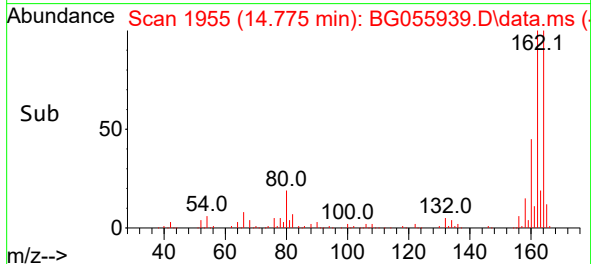
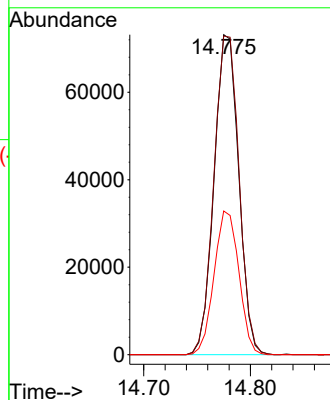
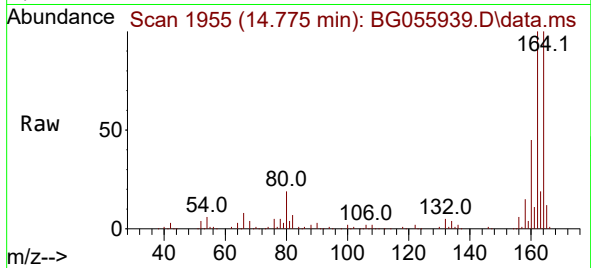




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

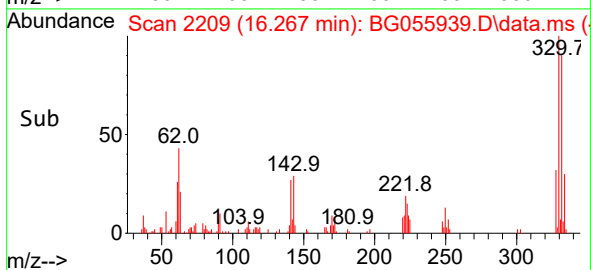
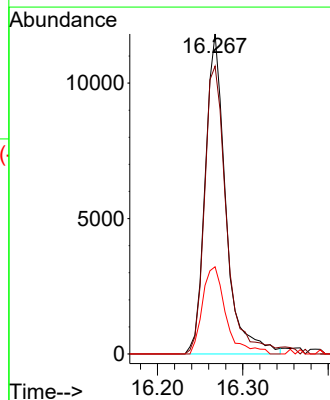
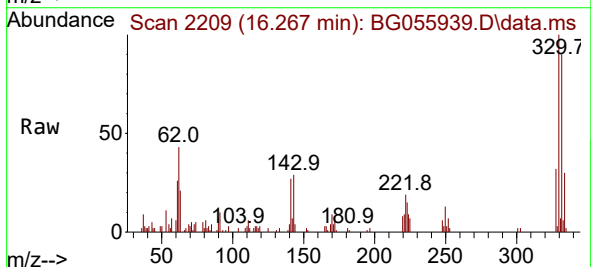
Instrument :
BNA_G
ClientSampleId :
RM-301

Tgt Ion:164 Resp: 117095
Ion Ratio Lower Upper
164 100
162 99.6 81.1 121.7
160 44.9 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 12.016 ng
RT: 16.267 min Scan# 2209
Delta R.T. 0.001 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

Tgt Ion:330 Resp: 19812
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 30.9 23.9 35.9

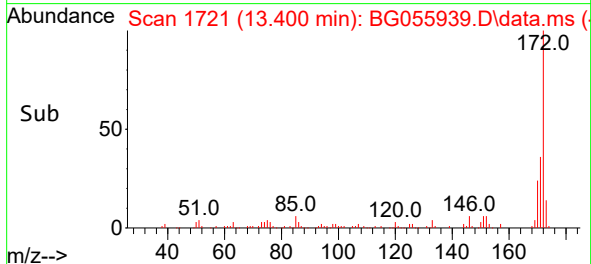
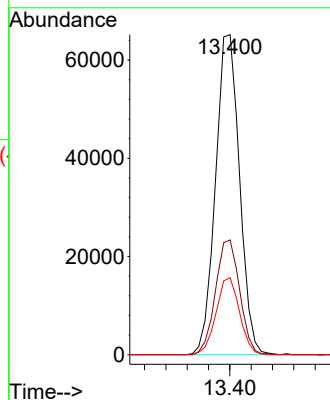
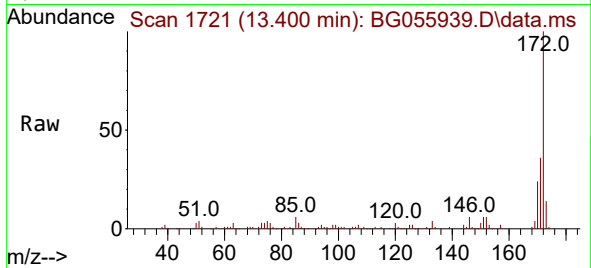




#45
2-Fluorobiphenyl
Concen: 13.024 ng
RT: 13.400 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

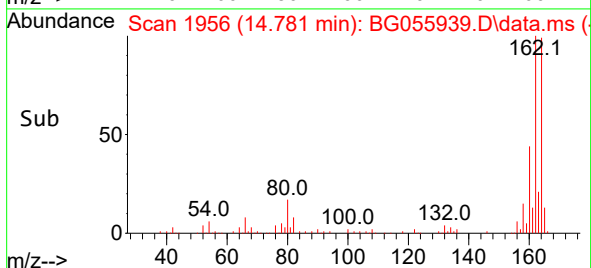
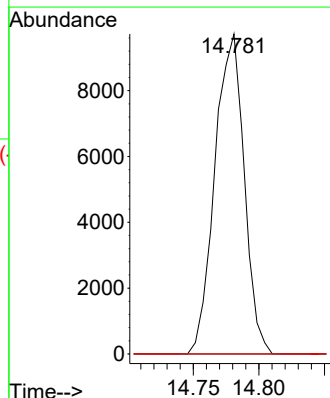
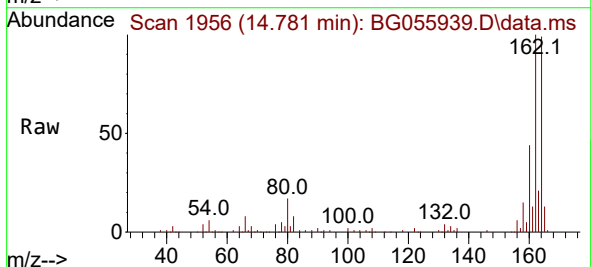
Instrument :
BNA_G
ClientSampleId :
RM-301

Tgt Ion:172 Resp: 101796
Ion Ratio Lower Upper
172 100
171 35.9 29.8 44.6
170 24.0 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.905 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.424 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

Tgt Ion:165 Resp: 15088
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: 5.607 ng

RT: 14.781 min Scan# 1956

Delta R.T. -0.363 min

Lab File: BG055939.D

Acq: 8 Dec 2022 22:52

Instrument :

BNA_G

ClientSampleId :

RM-301

Tgt Ion:165 Resp: 15088

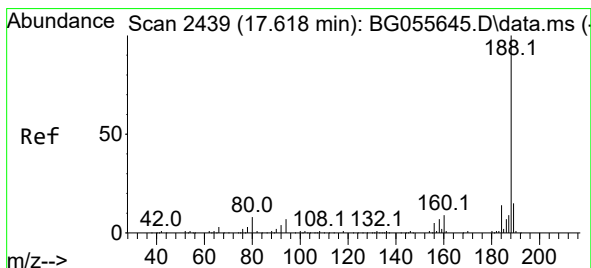
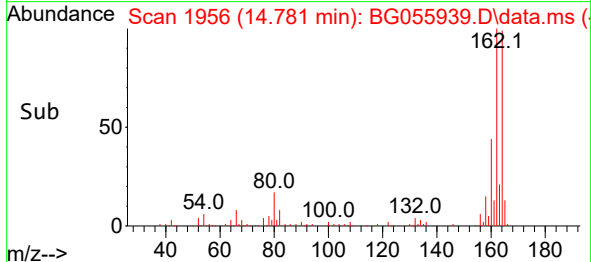
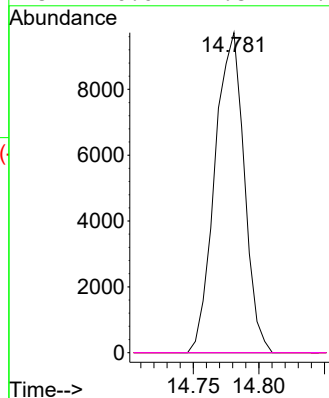
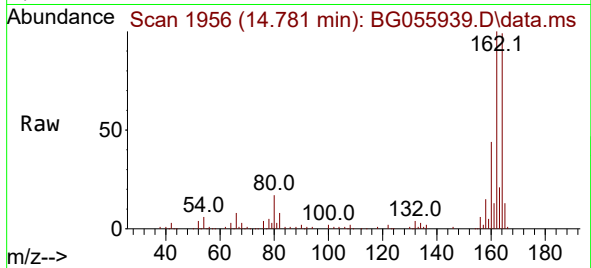
Ion Ratio Lower Upper

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: 17.519 min Scan# 2422

Delta R.T. -0.005 min

Lab File: BG055939.D

Acq: 8 Dec 2022 22:52

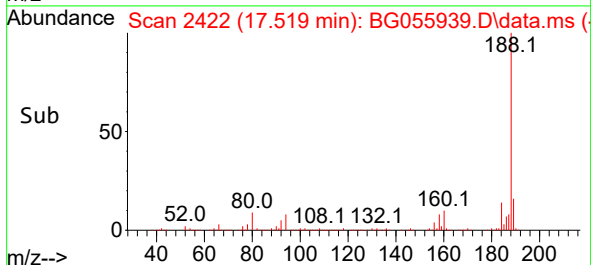
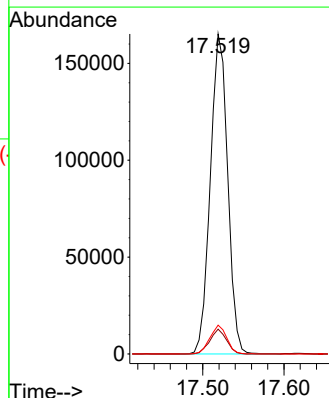
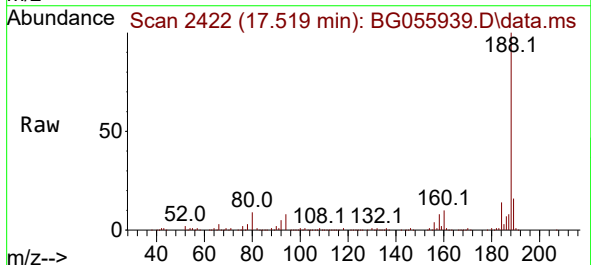
Tgt Ion:188 Resp: 245020

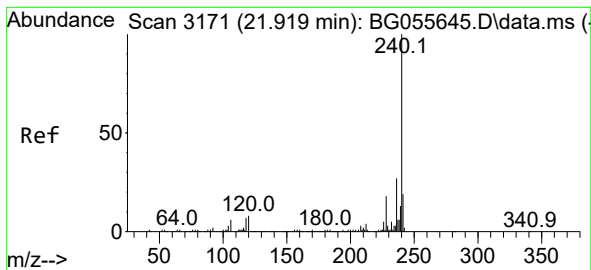
Ion Ratio Lower Upper

188 100

94 7.7 5.4 8.2

80 9.0 6.6 10.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.796 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG055939.D

Acq: 8 Dec 2022 22:52

Instrument :

BNA_G

ClientSampleId :

RM-301

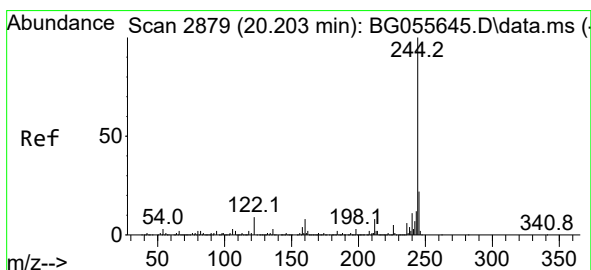
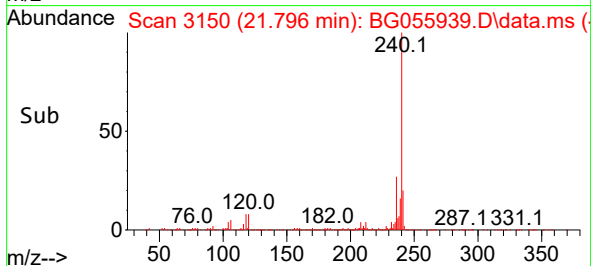
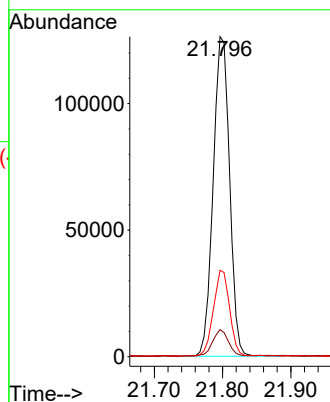
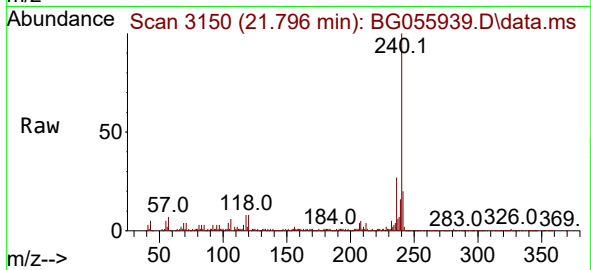
Tgt Ion:240 Resp: 211487

Ion Ratio Lower Upper

240 100

120 8.5 6.3 9.5

236 27.0 21.9 32.9



#79

Terphenyl-d14

Concen: 13.462 ng

RT: 20.110 min Scan# 2863

Delta R.T. 0.001 min

Lab File: BG055939.D

Acq: 8 Dec 2022 22:52

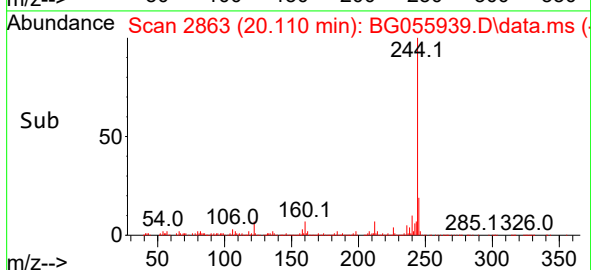
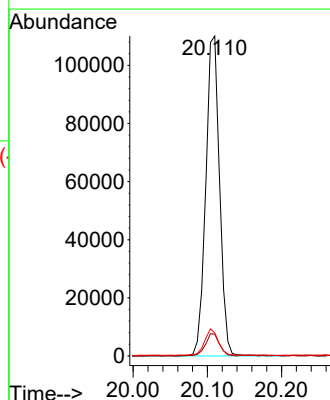
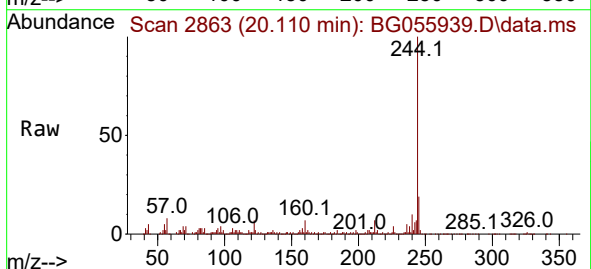
Tgt Ion:244 Resp: 142339

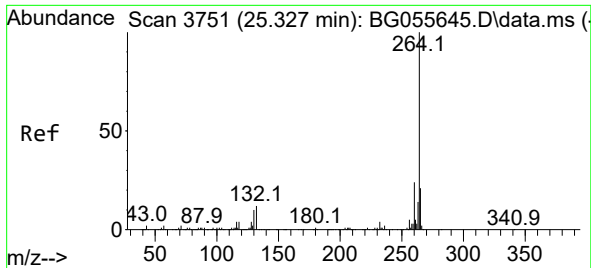
Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

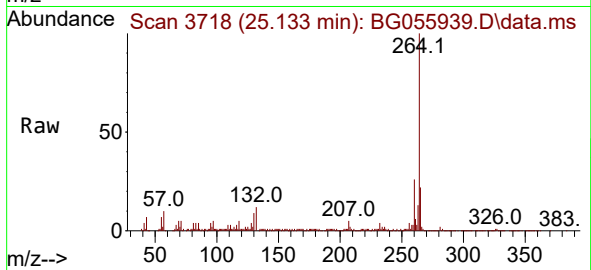
122 7.3 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.133 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

Instrument :
BNA_G
ClientSampleId :
RM-301



Tgt Ion:264 Resp: 248021
Ion Ratio Lower Upper
264 100
260 25.6 19.5 29.3
265 21.5 17.1 25.7

