

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055322.D
 Acq On : 27 Oct 2022 13:47
 Operator : CG/JU
 Sample : N5218-11RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-2

Quant Time: Oct 27 15:20:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

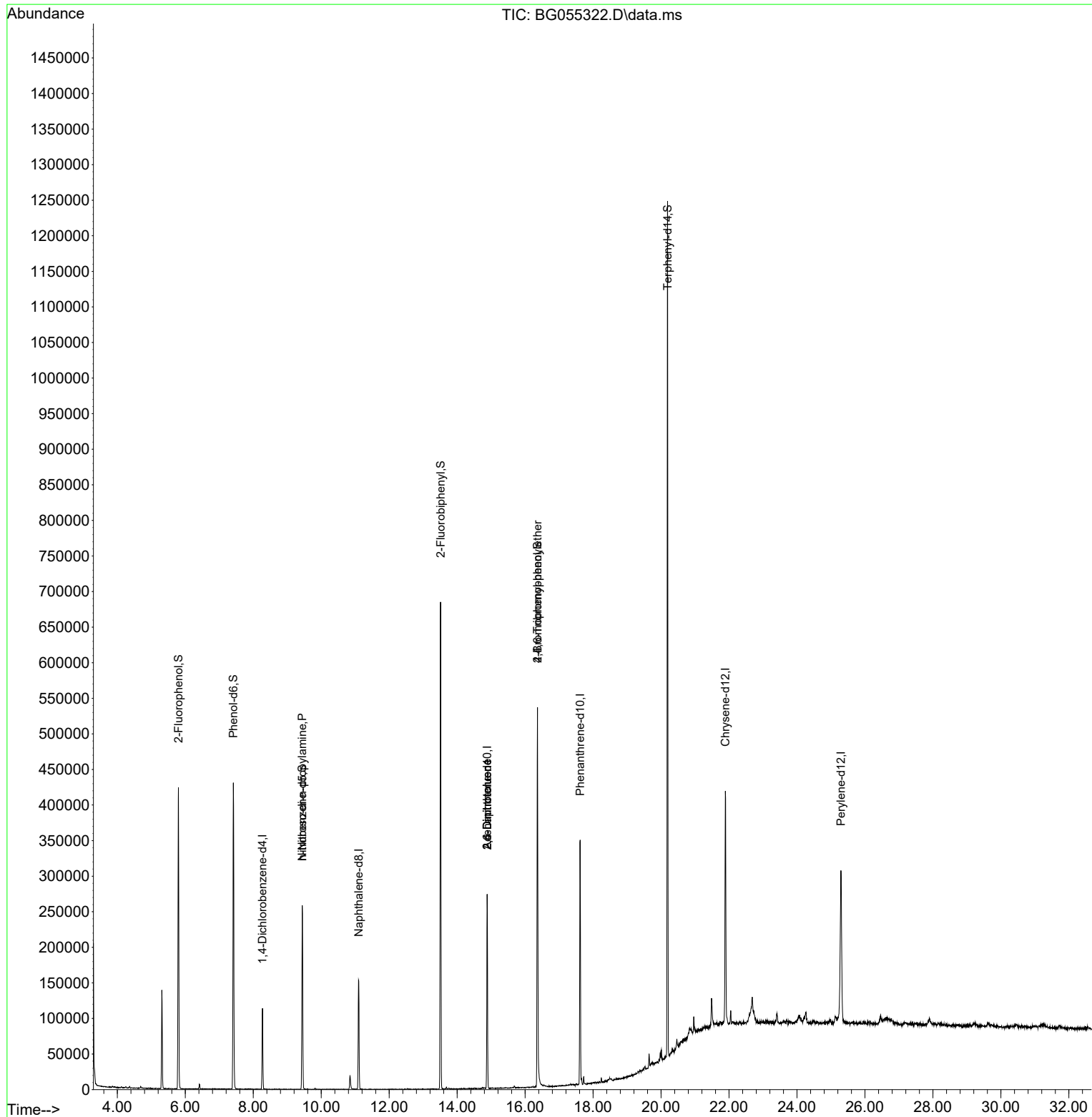
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	31997	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	136051	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	94740	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	221960	20.000	ng	0.00
76) Chrysene-d12	21.890	240	205132	20.000	ng	-0.01
86) Perylene-d12	25.292	264	217398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	195894	107.199	ng	0.00
7) Phenol-d6	7.413	99	261466	98.761	ng	0.00
23) Nitrobenzene-d5	9.440	82	165104	61.968	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	121531	118.002	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	358037	61.855	ng	0.00
79) Terphenyl-d14	20.192	244	604976	61.275	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	21915	9.968	ng	# 78
51) 2,6-Dinitrotoluene	14.880	165	12211	8.067	ng	# 21
57) 2,4-Dinitrotoluene	14.880	165	12211	5.559	ng	# 19
67) 4-Bromophenyl-phenylether	16.361	248	7758	3.598	ng	# 1

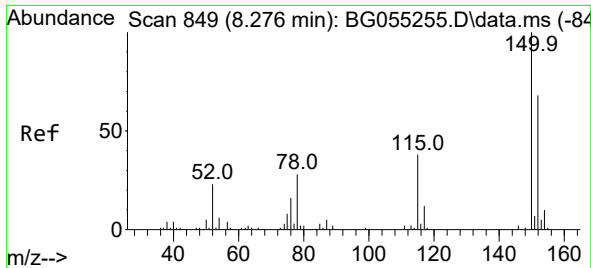
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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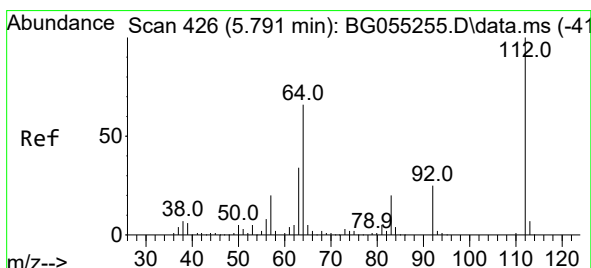
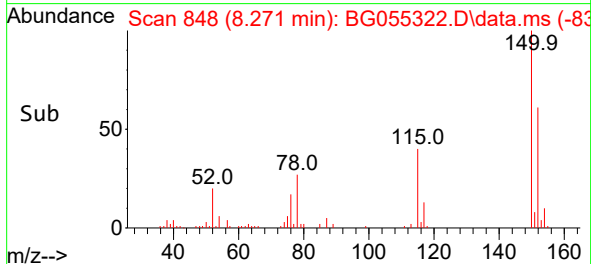
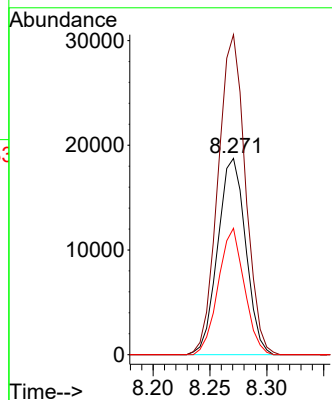
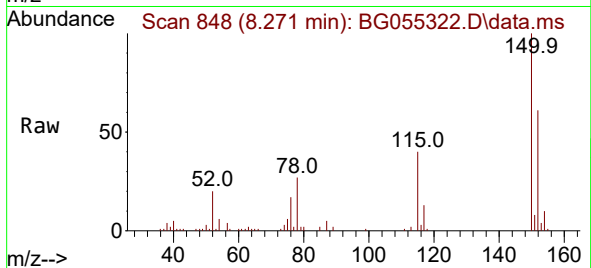




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

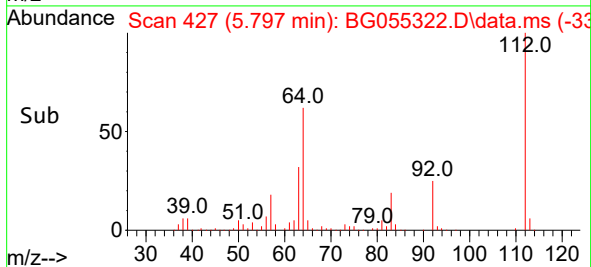
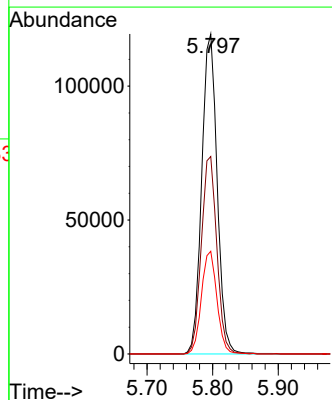
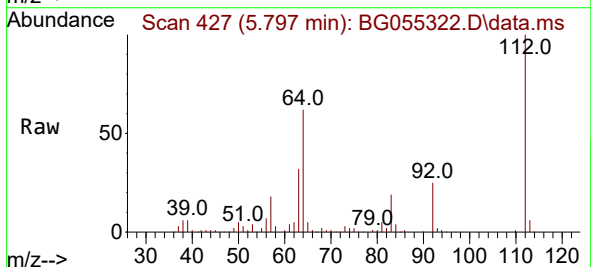
Instrument :
BNA_G
ClientSampleId :
SP-2

Tgt Ion:152 Resp: 31997
Ion Ratio Lower Upper
152 100
150 163.0 118.2 177.4
115 64.4 44.5 66.7



#5
2-Fluorophenol
Concen: 107.199 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

Tgt Ion:112 Resp: 195894
Ion Ratio Lower Upper
112 100
64 61.7 52.6 78.8
63 32.1 27.1 40.7

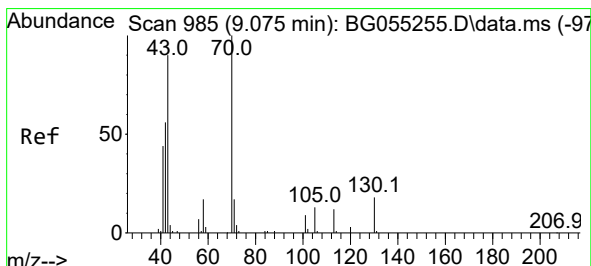
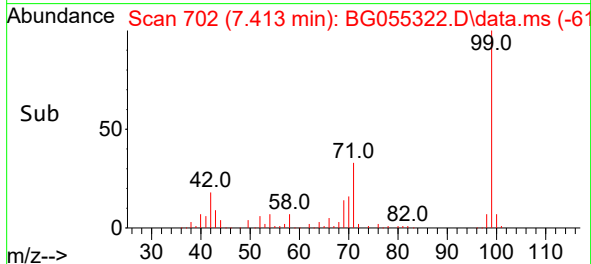
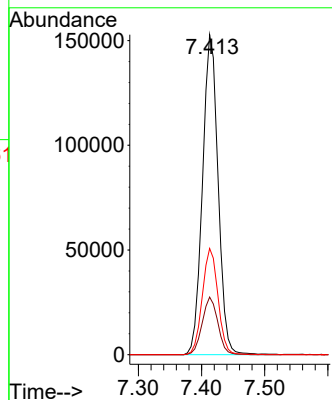
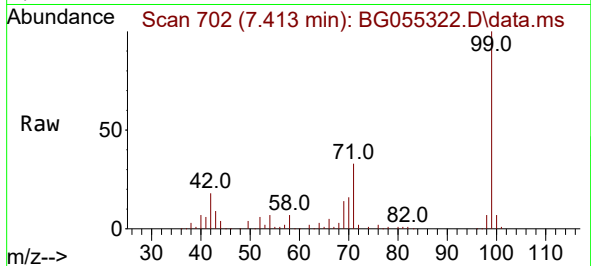




#7
Phenol-d6
Concen: 98.761 ng
RT: 7.413 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

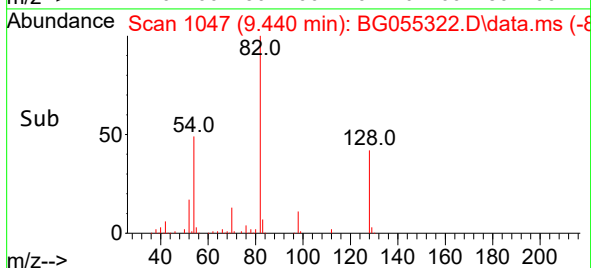
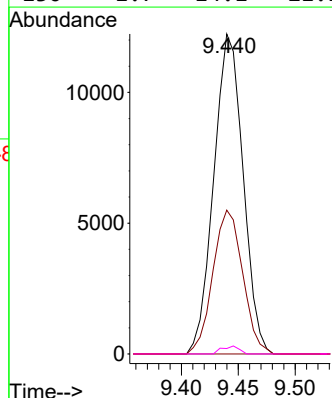
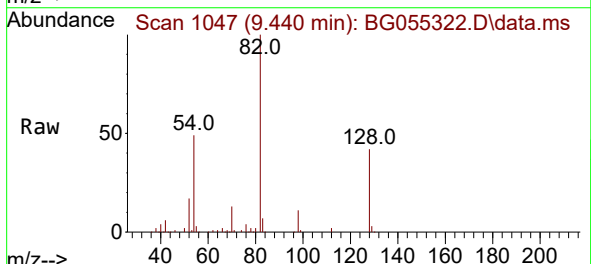
Instrument :
BNA_G
ClientSampleId :
SP-2

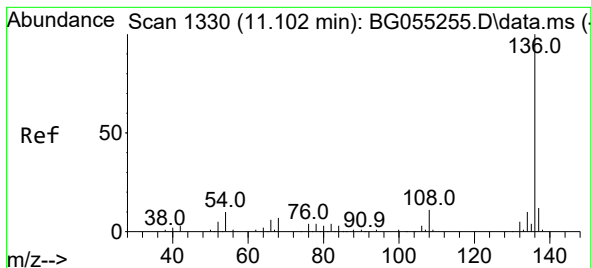
Tgt Ion: 99 Resp: 261466
Ion Ratio Lower Upper
99 100
42 18.0 15.2 22.8
71 33.2 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.968 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

Tgt Ion: 70 Resp: 21915
Ion Ratio Lower Upper
70 100
42 45.0 45.8 68.6#
101 0.0 7.4 11.0#
130 1.7 14.1 21.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.103 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG055322.D

Acq: 27 Oct 2022 13:47

Instrument :

BNA_G

ClientSampleId :

SP-2

Tgt Ion:136 Resp: 136051

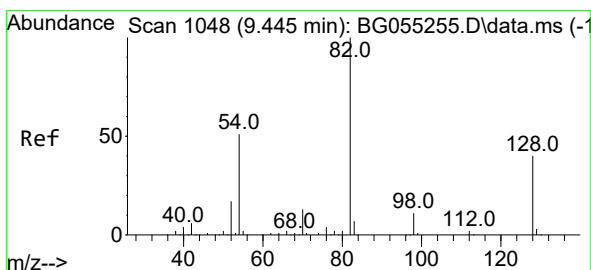
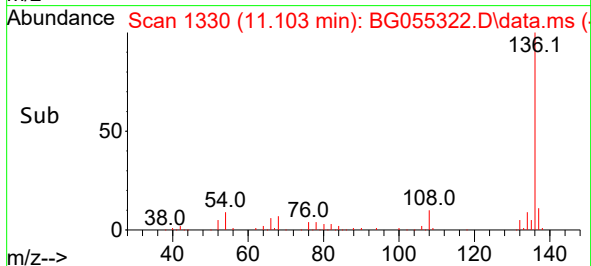
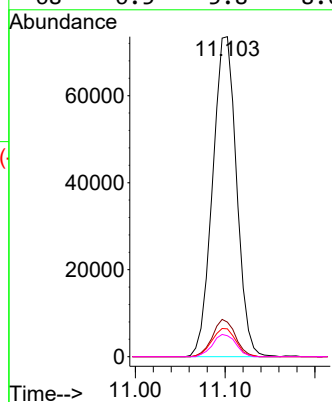
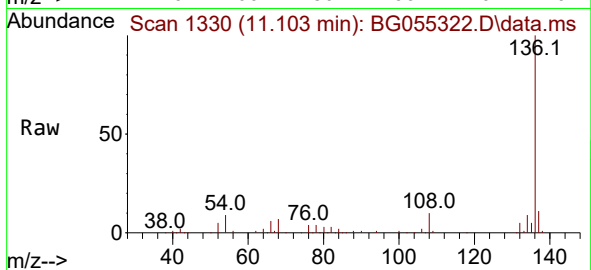
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 8.7 7.8 11.8

68 6.5 5.8 8.6



#23

Nitrobenzene-d5

Concen: 61.968 ng

RT: 9.440 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BG055322.D

Acq: 27 Oct 2022 13:47

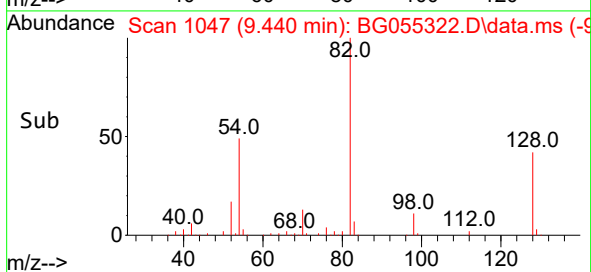
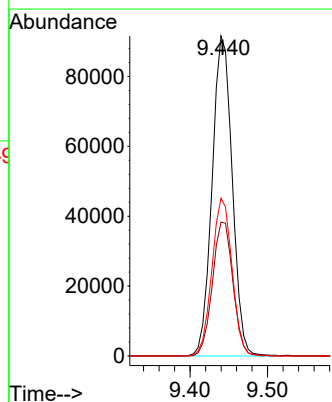
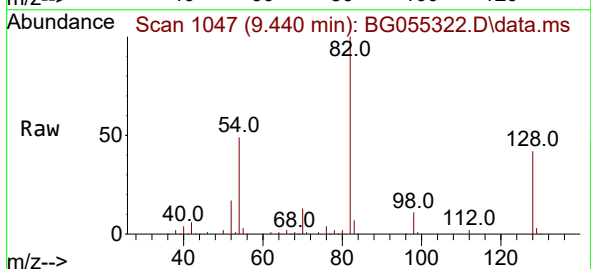
Tgt Ion: 82 Resp: 165104

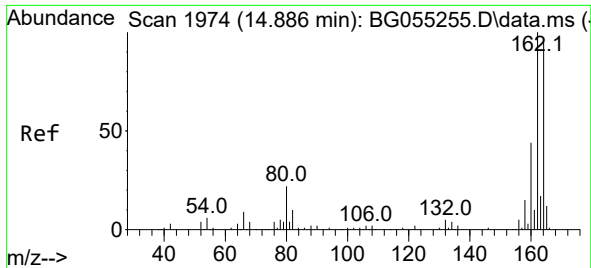
Ion Ratio Lower Upper

82 100

128 41.8 32.0 48.0

54 49.3 40.9 61.3

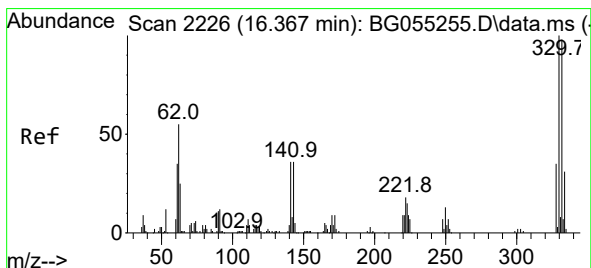
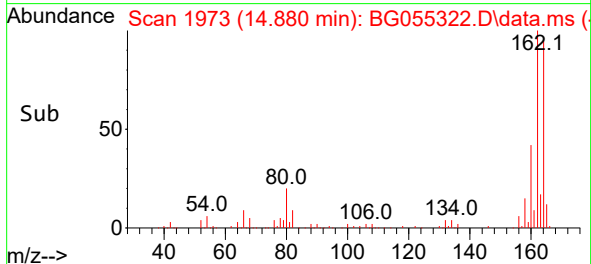
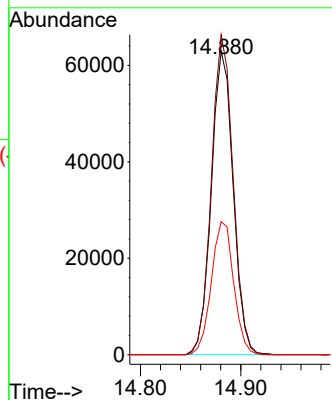
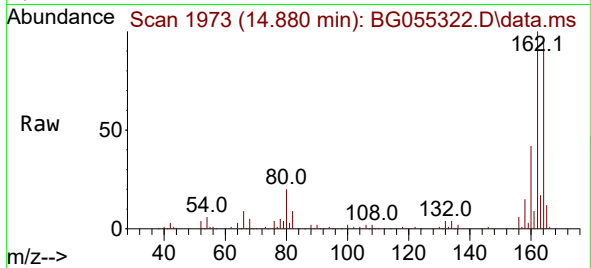




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

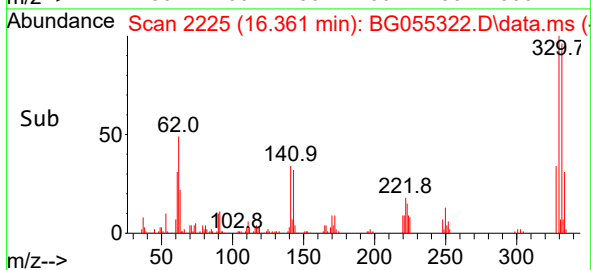
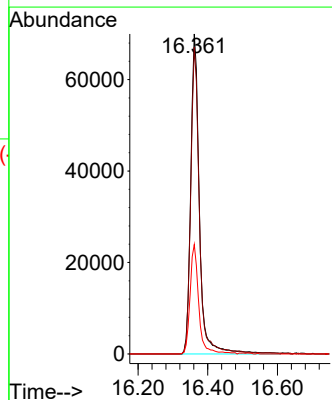
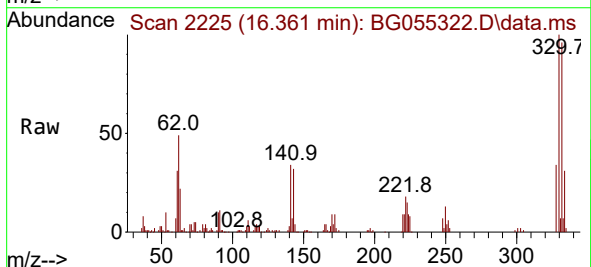
Instrument :
BNA_G
ClientSampleId :
SP-2

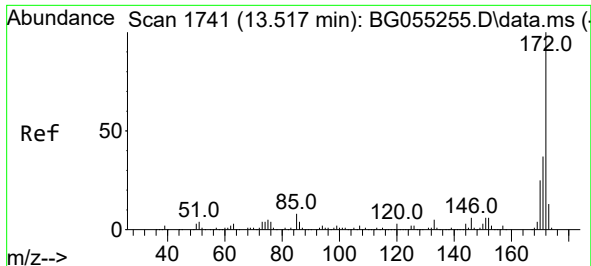
Tgt Ion:164 Resp: 94740
Ion Ratio Lower Upper
164 100
162 105.4 84.0 126.0
160 43.8 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 118.002 ng
RT: 16.361 min Scan# 2225
Delta R.T. -0.006 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

Tgt Ion:330 Resp: 121531
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.0
141 34.1 29.8 44.8

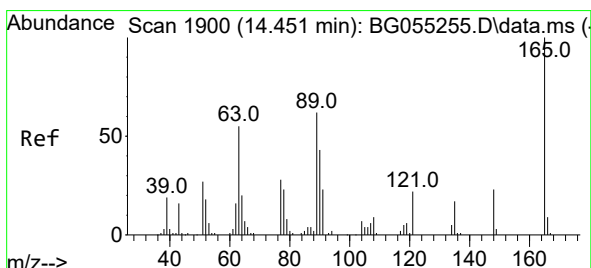
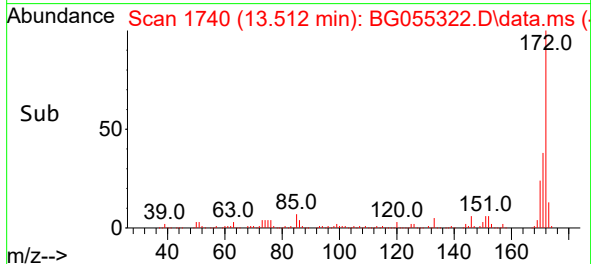
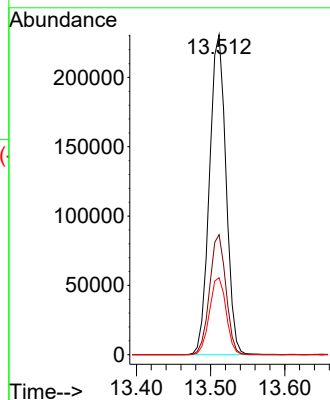
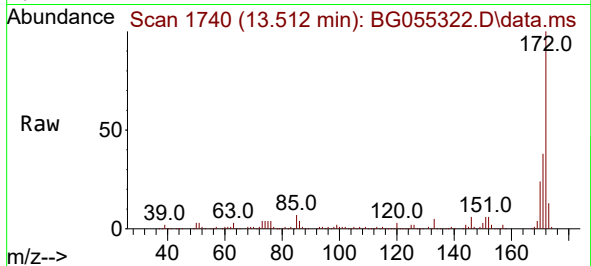




#45
2-Fluorobiphenyl
Concen: 61.855 ng
RT: 13.512 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

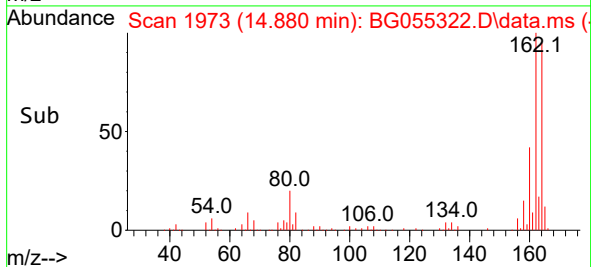
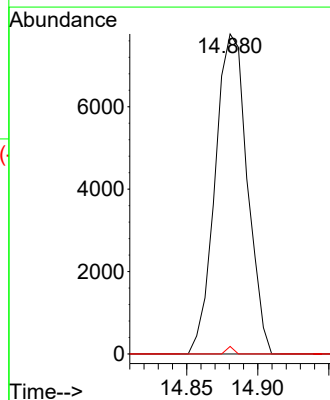
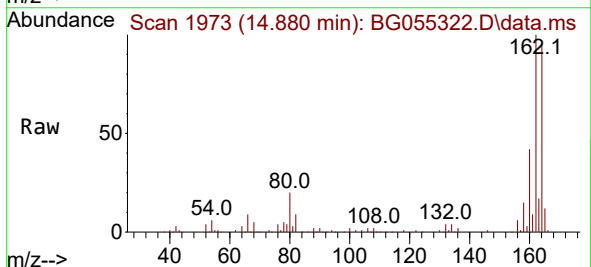
Instrument :
BNA_G
ClientSampleId :
SP-2

Tgt Ion:172 Resp: 358037
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 24.0 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.067 ng
RT: 14.880 min Scan# 1973
Delta R.T. 0.429 min
Lab File: BG055322.D
Acq: 27 Oct 2022 13:47

Tgt Ion:165 Resp: 12211
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 2.3 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.559 ng

RT: 14.880 min Scan# 1973

Delta R.T. -0.352 min

Lab File: BG055322.D

Acq: 27 Oct 2022 13:47

Instrument :

BNA_G

ClientSampleId :

SP-2

Tgt Ion:165 Resp: 12211

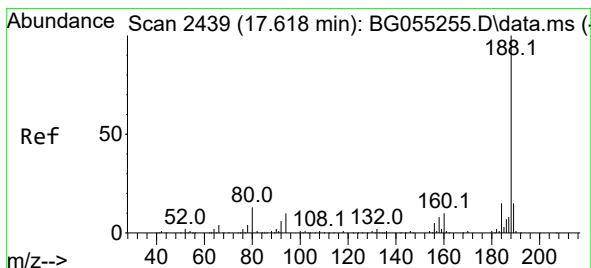
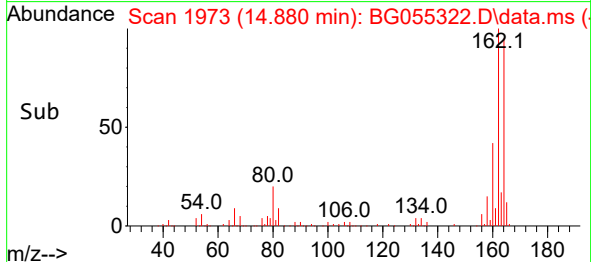
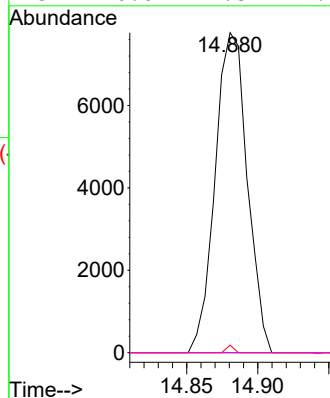
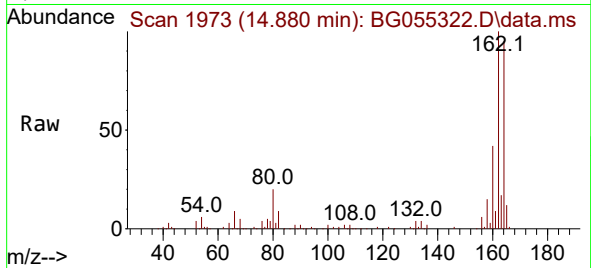
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 2.3 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.618 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BG055322.D

Acq: 27 Oct 2022 13:47

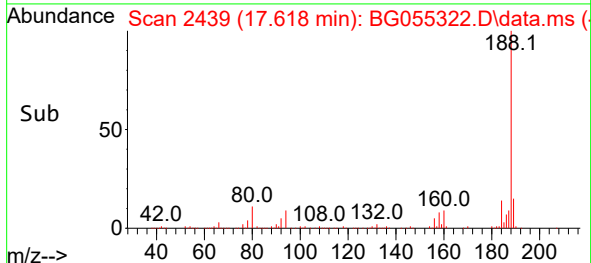
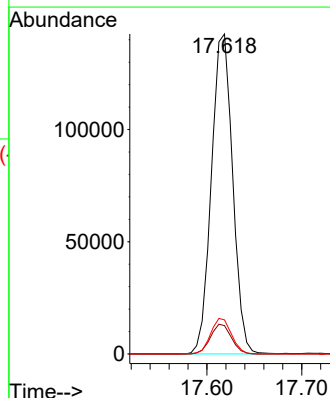
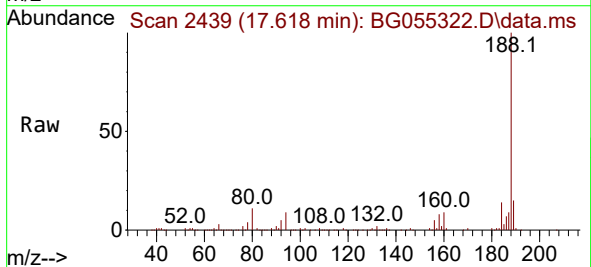
Tgt Ion:188 Resp: 221960

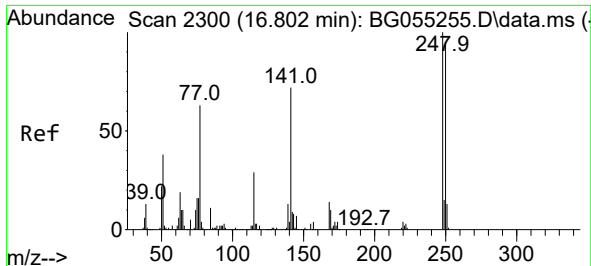
Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.4

80 10.7 10.1 15.1





#67

4-Bromophenyl-phenylether

Concen: 3.598 ng

RT: 16.361 min Scan# 21

Delta R.T. -0.440 min

Lab File: BG055322.D

Acq: 27 Oct 2022 13:47

Instrument :

BNA_G

ClientSampleId :

SP-2

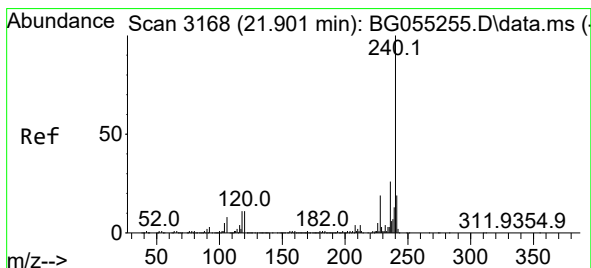
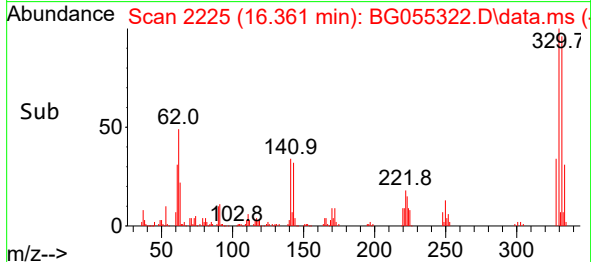
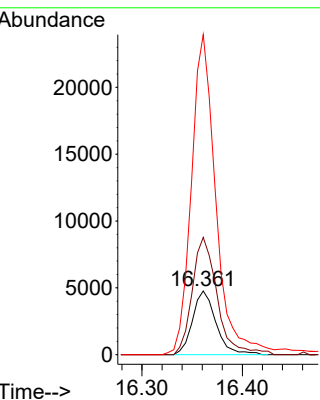
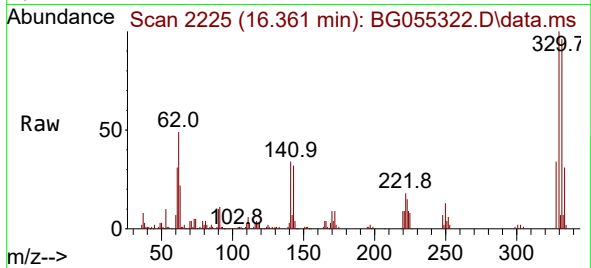
Tgt Ion:248 Resp: 7758

Ion Ratio Lower Upper

248 100

250 184.0 76.0 114.0#

141 502.2 58.0 87.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.890 min Scan# 3166

Delta R.T. -0.012 min

Lab File: BG055322.D

Acq: 27 Oct 2022 13:47

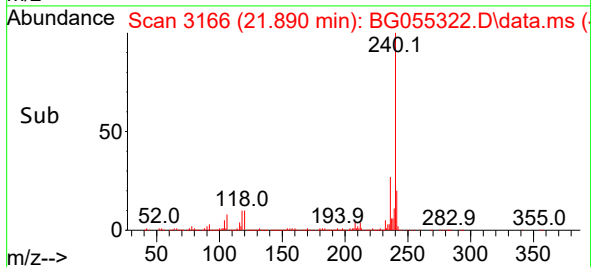
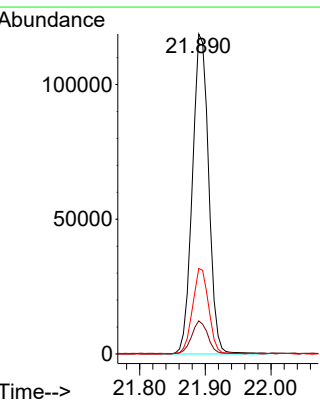
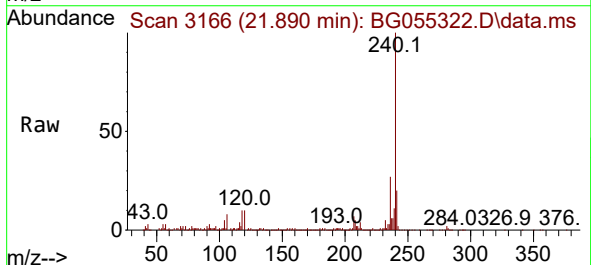
Tgt Ion:240 Resp: 205132

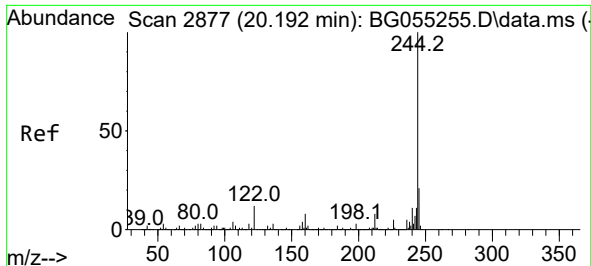
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 26.7 21.0 31.4

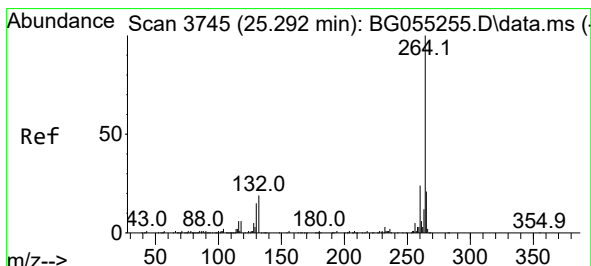
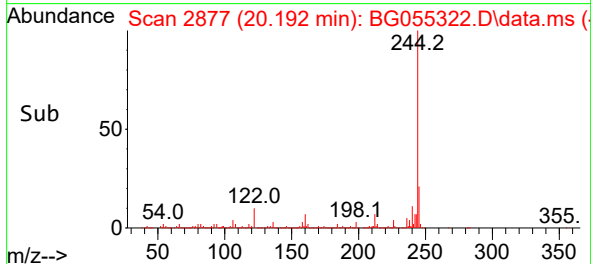
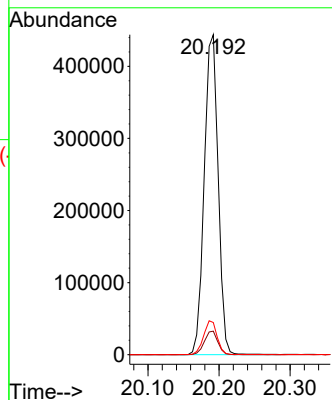
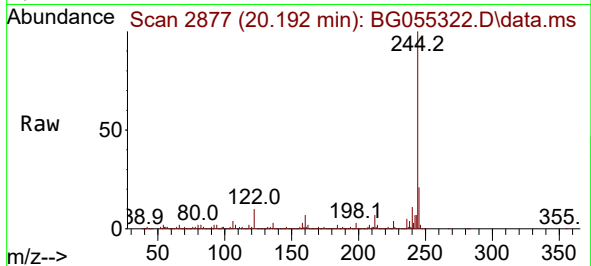




#79
 Terphenyl-d14
 Concen: 61.275 ng
 RT: 20.192 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055322.D
 Acq: 27 Oct 2022 13:47

Instrument :
 BNA_G
 ClientSampleId :
 SP-2

Tgt Ion:244 Resp: 604976
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.292 min Scan# 3745
 Delta R.T. 0.000 min
 Lab File: BG055322.D
 Acq: 27 Oct 2022 13:47

Tgt Ion:264 Resp: 217398
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.3 17.4 26.2

