

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055319.D
 Acq On : 27 Oct 2022 11:39
 Operator : CG/JU
 Sample : PB148475BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148475BL

Quant Time: Oct 27 15:19:54 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)

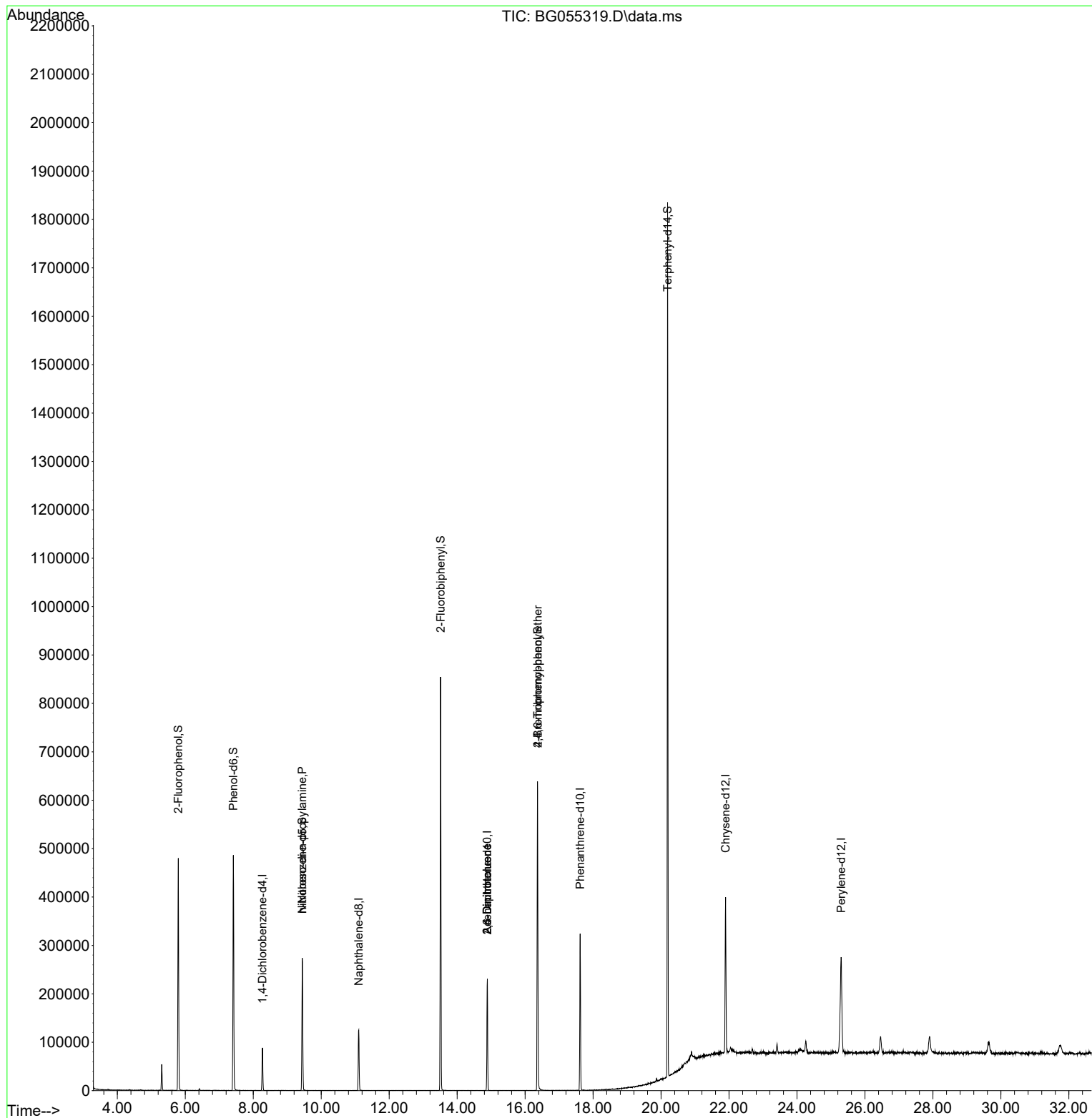
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	26364	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	116933	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	82820	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	205266	20.000	ng	0.00
76) Chrysene-d12	21.896	240	202546	20.000	ng	0.00
86) Perylene-d12	25.298	264	216603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	215601	143.192	ng	0.00
7) Phenol-d6	7.413	99	288891	132.435	ng	0.00
23) Nitrobenzene-d5	9.440	82	176936	77.266	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	136206	151.285	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	430362	85.052	ng	0.00
79) Terphenyl-d14	20.192	244	847779	86.964	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.440	70	23544	12.997	ng	Qvalue # 76
51) 2,6-Dinitrotoluene	14.886	165	10746	8.121	ng	# 19
57) 2,4-Dinitrotoluene	14.886	165	10746	5.596	ng	# 18
67) 4-Bromophenyl-phenylether	16.367	248	8469	4.247	ng	# 1

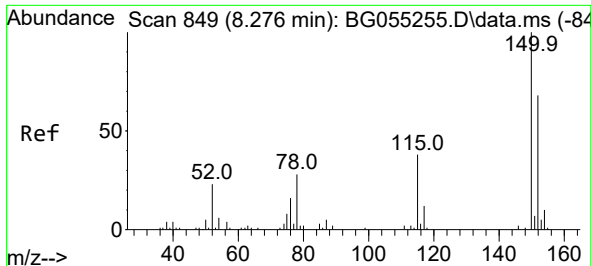
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
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QLast Update : Mon Oct 24 16:54:05 2022
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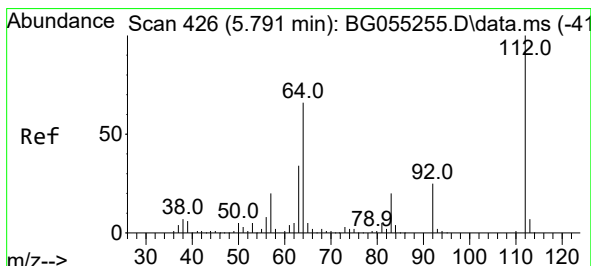
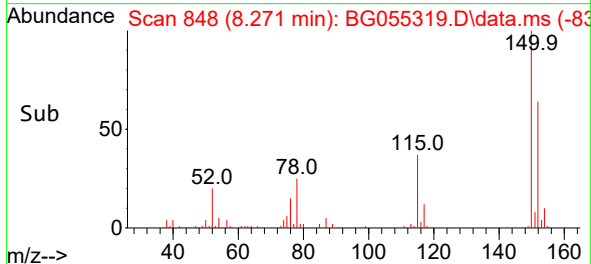
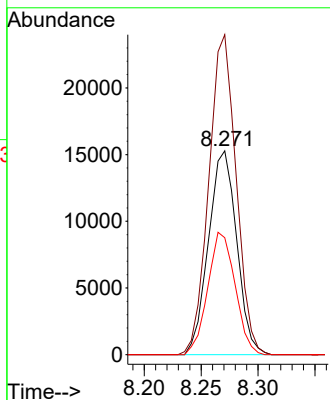
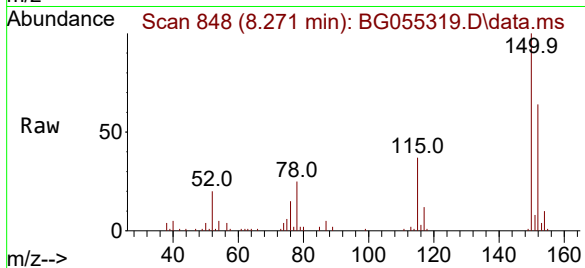




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 849
Delta R.T. -0.005 min
Lab File: BG055319.D
Acq: 27 Oct 2022 11:39

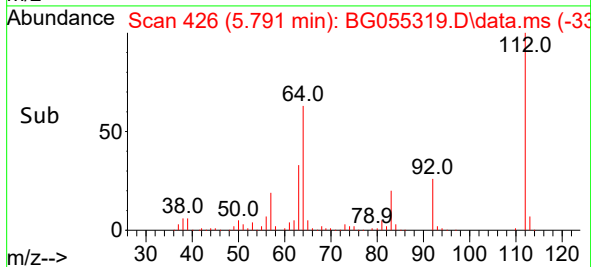
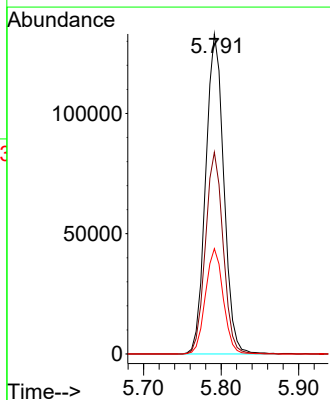
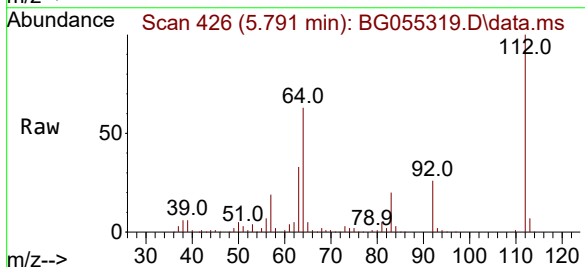
Instrument :
BNA_G
ClientSampleId :
PB148475BL

Tgt Ion:152 Resp: 26364
Ion Ratio Lower Upper
152 100
150 156.9 118.2 177.4
115 57.4 44.5 66.7



#5
2-Fluorophenol
Concen: 143.192 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.000 min
Lab File: BG055319.D
Acq: 27 Oct 2022 11:39

Tgt Ion:112 Resp: 215601
Ion Ratio Lower Upper
112 100
64 63.1 52.6 78.8
63 32.9 27.1 40.7

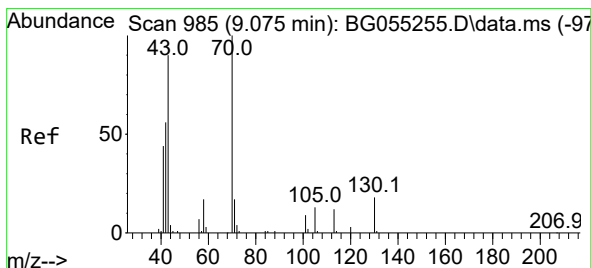
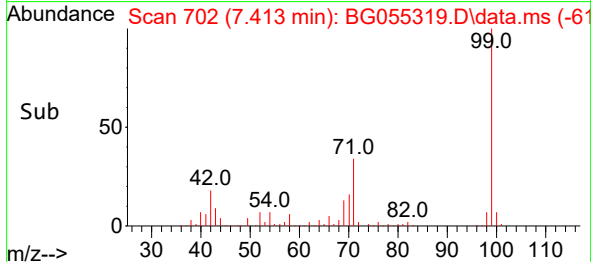
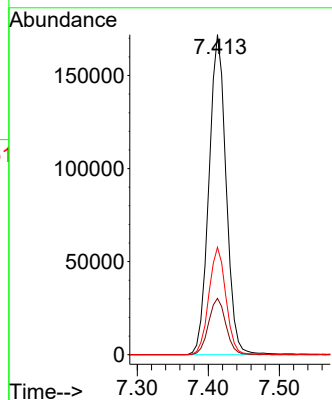
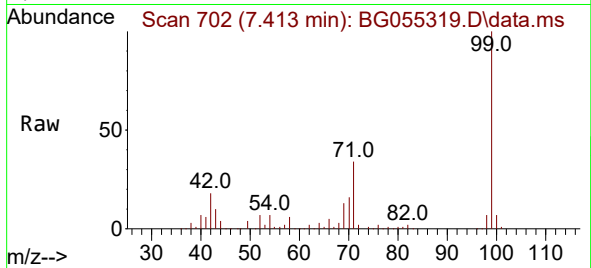




#7
Phenol-d6
Concen: 132.435 ng
RT: 7.413 min Scan# 702
Delta R.T. 0.000 min
Lab File: BG055319.D
Acq: 27 Oct 2022 11:39

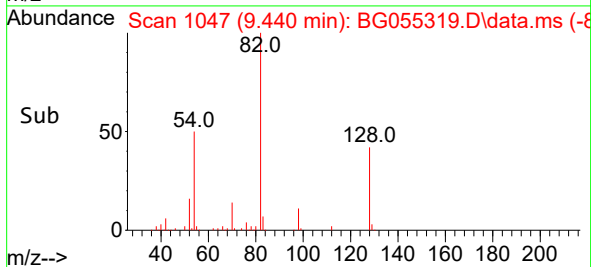
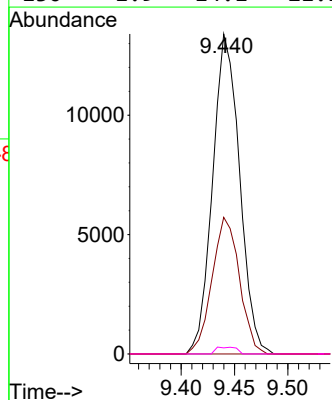
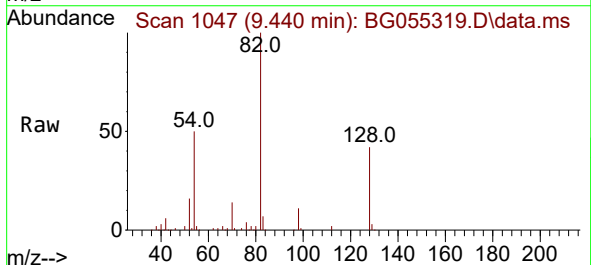
Instrument :
BNA_G
ClientSampleId :
PB148475BL

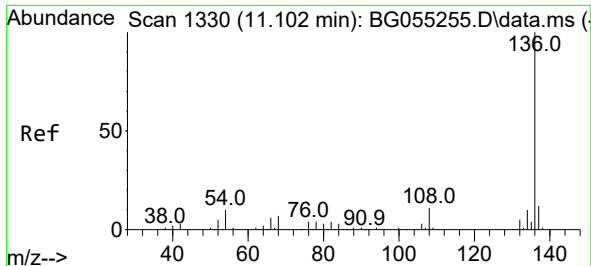
Tgt Ion: 99 Resp: 288891
Ion Ratio Lower Upper
99 100
42 17.6 15.2 22.8
71 33.6 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.997 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055319.D
Acq: 27 Oct 2022 11:39

Tgt Ion: 70 Resp: 23544
Ion Ratio Lower Upper
70 100
42 42.7 45.8 68.6#
101 0.0 7.4 11.0#
130 1.9 14.1 21.1#

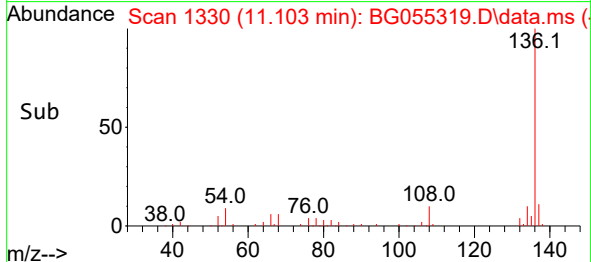
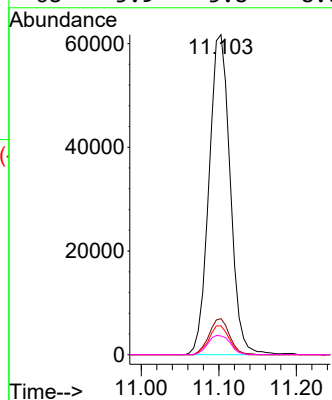
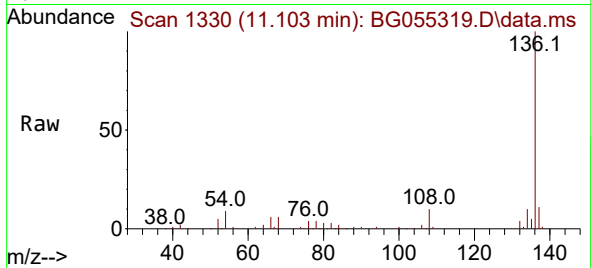




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055319.D
Acq: 27 Oct 2022 11:39

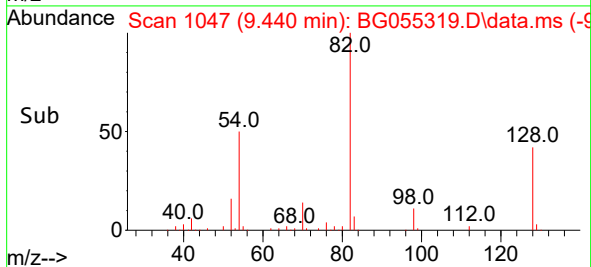
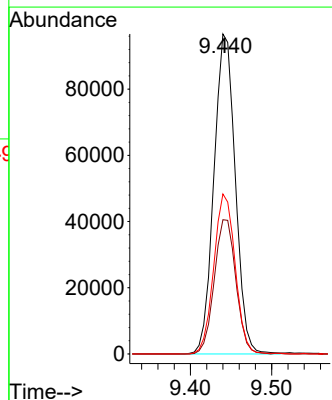
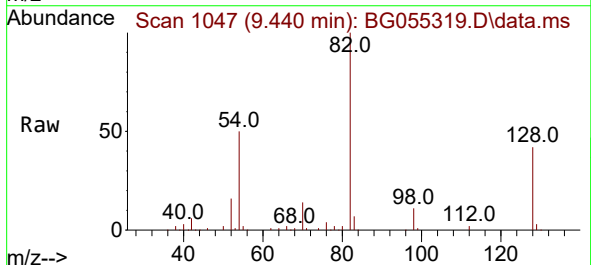
Instrument :
BNA_G
ClientSampleId :
PB148475BL

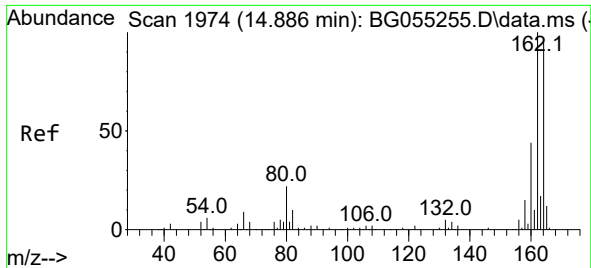
Tgt Ion:136 Resp: 116933
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.0 7.8 11.8
68 5.9 5.8 8.6



#23
Nitrobenzene-d5
Concen: 77.266 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055319.D
Acq: 27 Oct 2022 11:39

Tgt Ion: 82 Resp: 176936
Ion Ratio Lower Upper
82 100
128 41.9 32.0 48.0
54 50.0 40.9 61.3

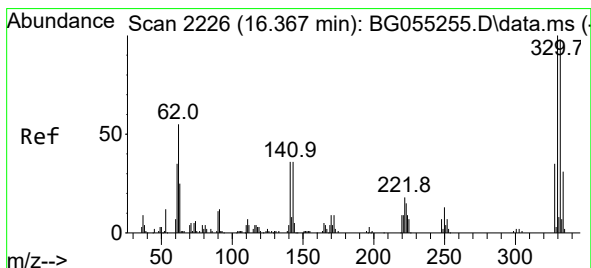
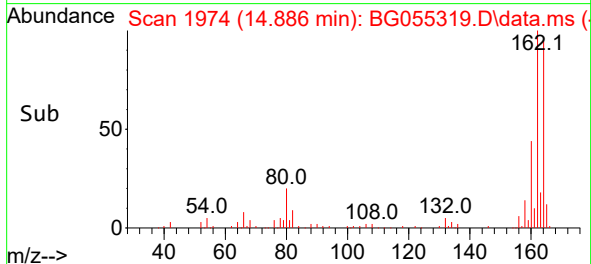
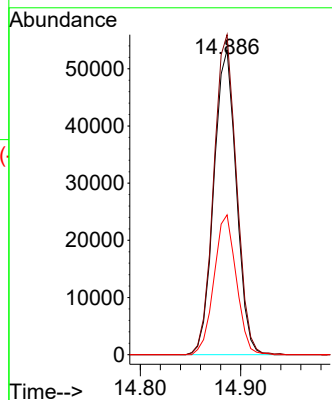
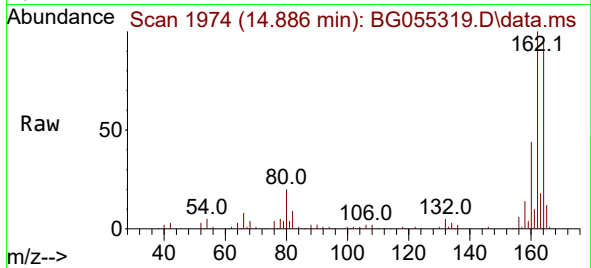




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BG055319.D
Acq: 27 Oct 2022 11:39

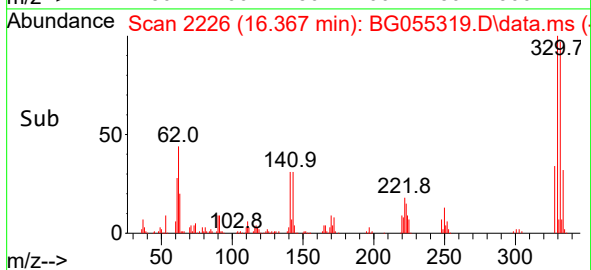
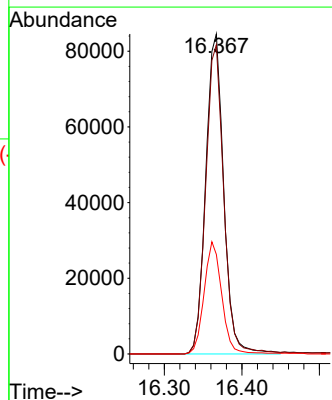
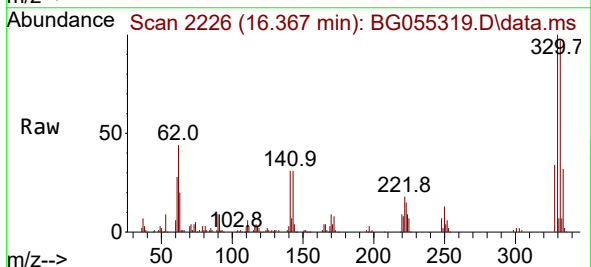
Instrument :
BNA_G
ClientSampleId :
PB148475BL

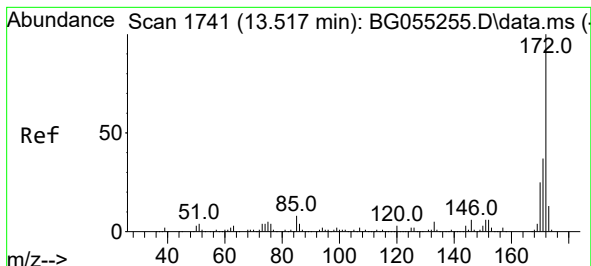
Tgt Ion:164 Resp: 82820
Ion Ratio Lower Upper
164 100
162 105.0 84.0 126.0
160 45.9 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 151.285 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG055319.D
Acq: 27 Oct 2022 11:39

Tgt Ion:330 Resp: 136206
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 34.7 29.8 44.8





#45

2-Fluorobiphenyl

Concen: 85.052 ng

RT: 13.512 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG055319.D

Acq: 27 Oct 2022 11:39

Instrument :

BNA_G

ClientSampleId :

PB148475BL

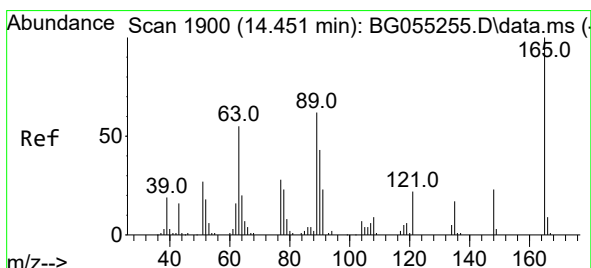
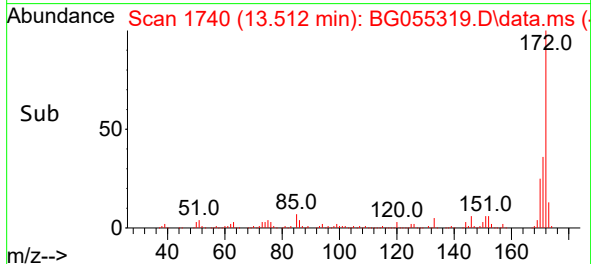
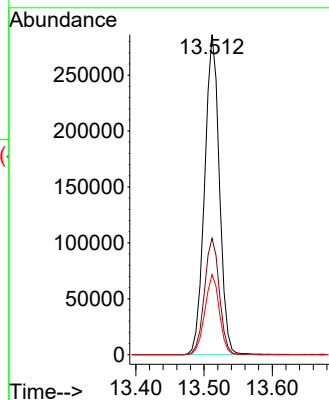
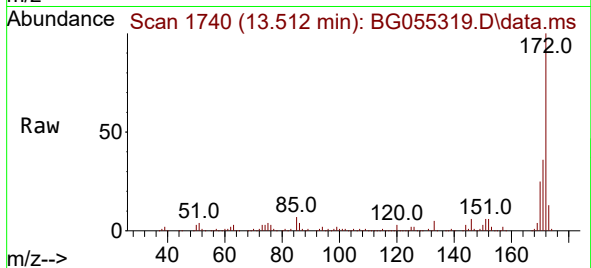
Tgt Ion:172 Resp: 430362

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

170 25.0 20.2 30.2



#51

2,6-Dinitrotoluene

Concen: 8.121 ng

RT: 14.886 min Scan# 1974

Delta R.T. 0.435 min

Lab File: BG055319.D

Acq: 27 Oct 2022 11:39

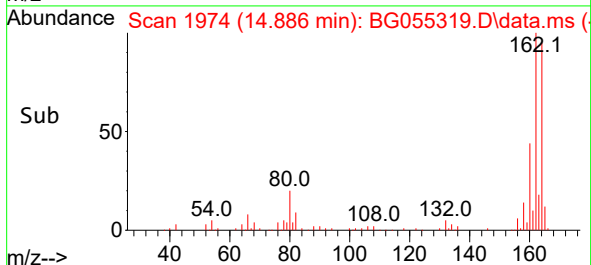
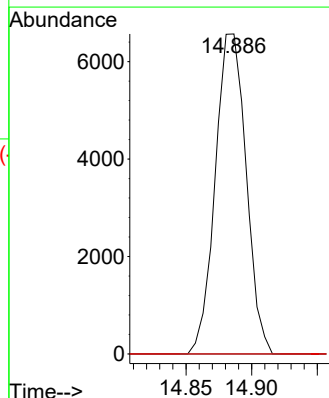
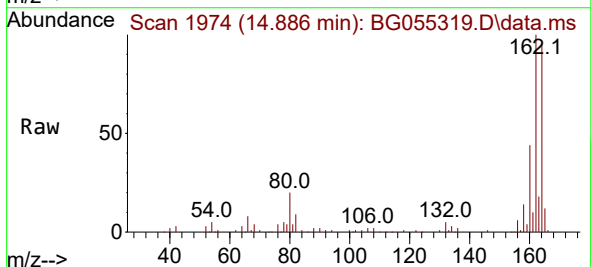
Tgt Ion:165 Resp: 10746

Ion Ratio Lower Upper

165 100

63 0.0 49.2 73.8#

89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.596 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.346 min

Lab File: BG055319.D

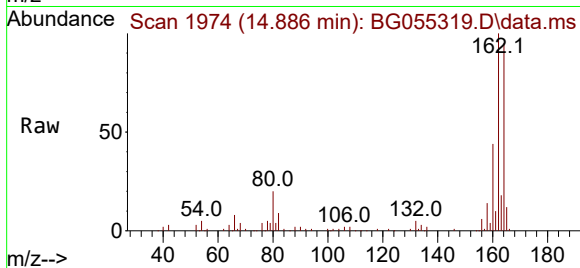
Acq: 27 Oct 2022 11:39

Instrument :

BNA_G

ClientSampleId :

PB148475BL



Tgt Ion:165 Resp: 10746

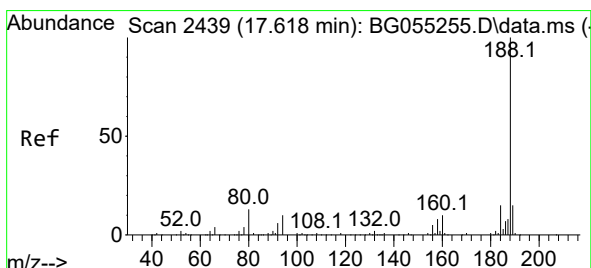
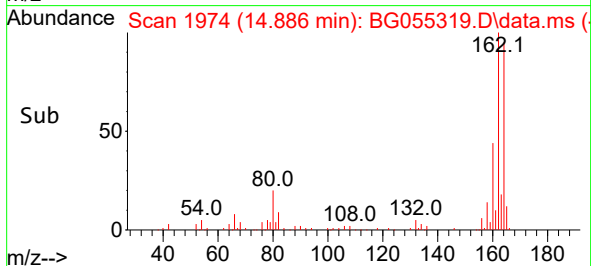
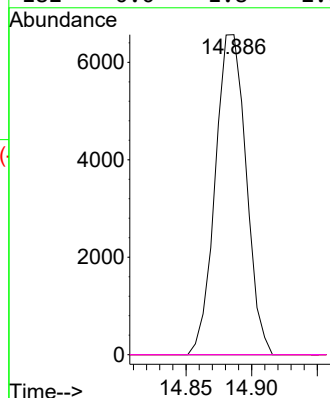
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.619 min Scan# 2439

Delta R.T. 0.001 min

Lab File: BG055319.D

Acq: 27 Oct 2022 11:39

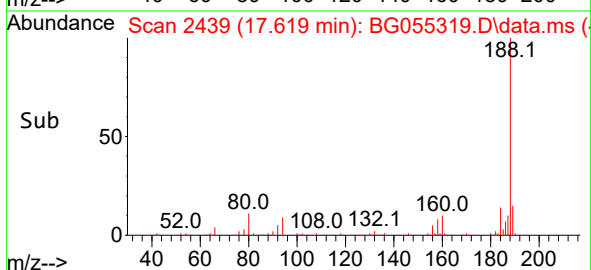
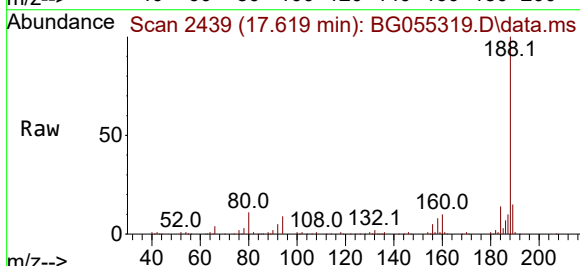
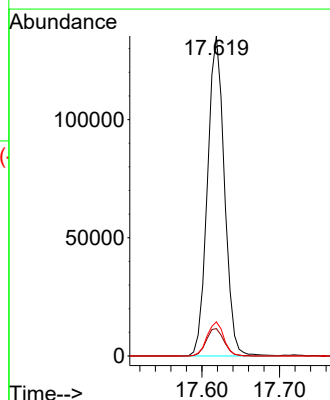
Tgt Ion:188 Resp: 205266

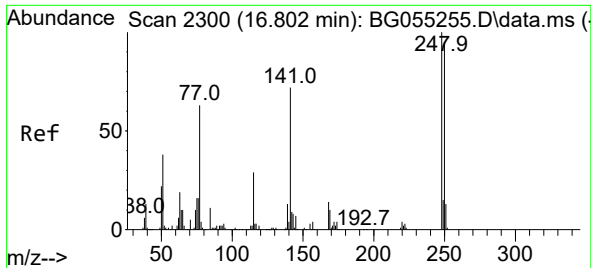
Ion Ratio Lower Upper

188 100

94 8.6 8.2 12.4

80 10.7 10.1 15.1

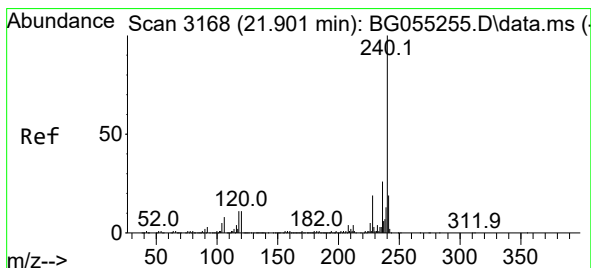
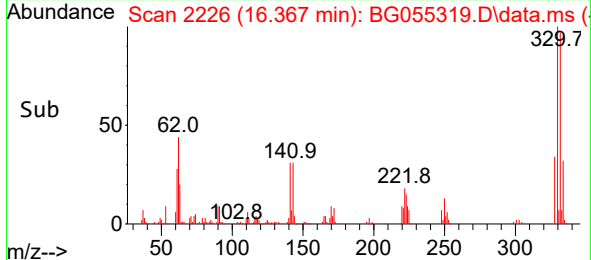
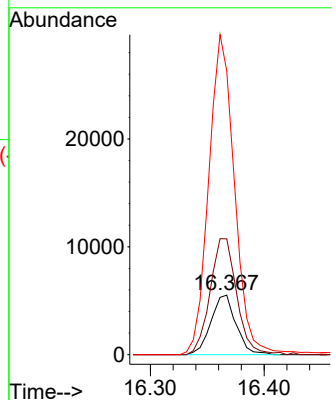
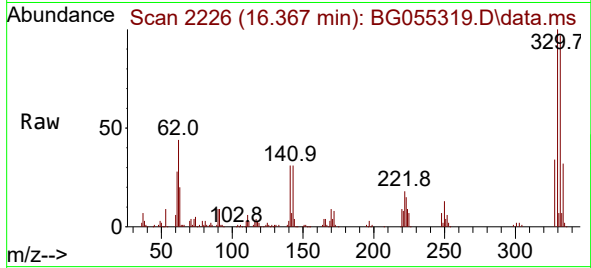




#67
4-Bromophenyl-phenylether
Concen: 4.247 ng
RT: 16.367 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG055319.D
Acq: 27 Oct 2022 11:39

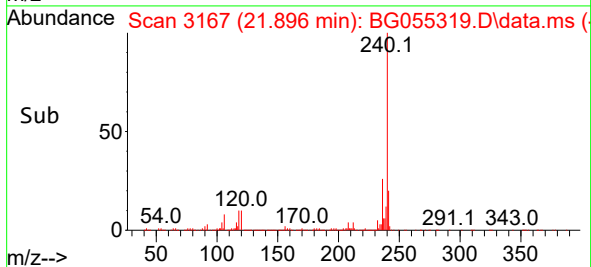
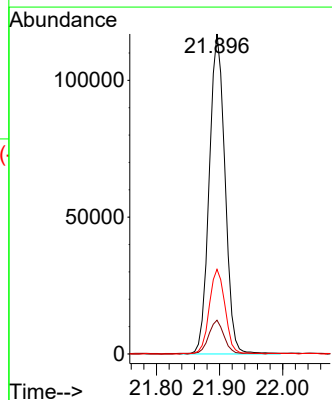
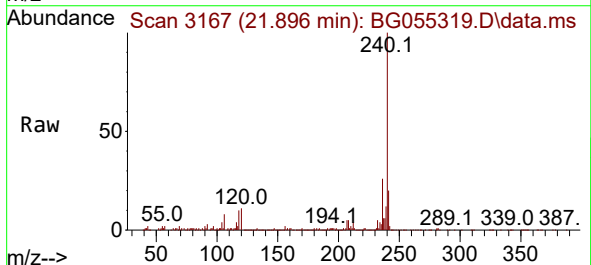
Instrument :
BNA_G
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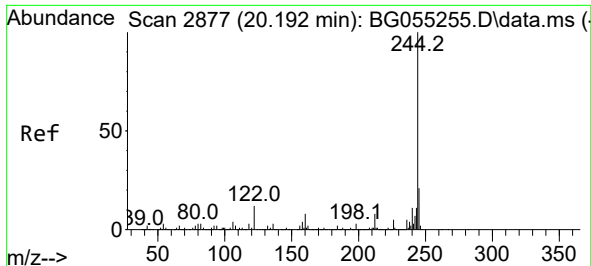
Tgt Ion:248 Resp: 8469
Ion Ratio Lower Upper
248 100
250 194.7 76.0 114.0#
141 476.5 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG055319.D
Acq: 27 Oct 2022 11:39

Tgt Ion:240 Resp: 202546
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.4 21.0 31.4

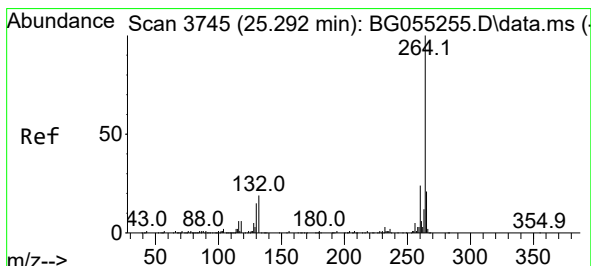
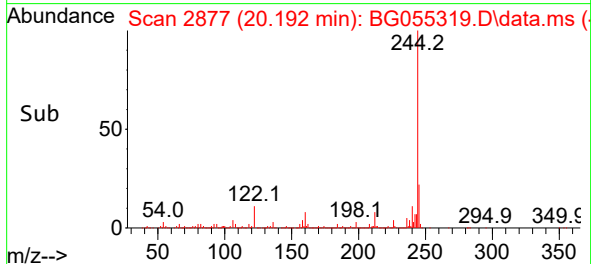
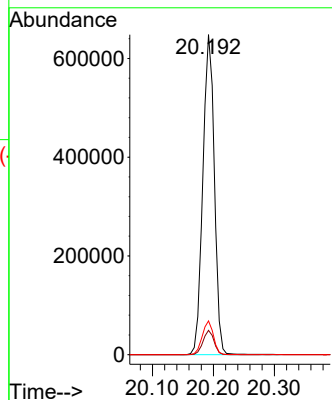
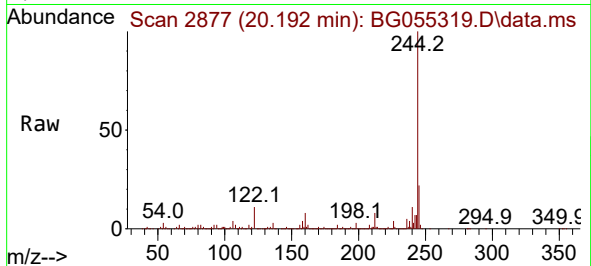




#79
 Terphenyl-d14
 Concen: 86.964 ng
 RT: 20.192 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG055319.D
 Acq: 27 Oct 2022 11:39

Instrument :
 BNA_G
 ClientSampleId :
 PB148475BL

Tgt Ion:244 Resp: 847779
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 10.6 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.298 min Scan# 3746
 Delta R.T. 0.006 min
 Lab File: BG055319.D
 Acq: 27 Oct 2022 11:39

Tgt Ion:264 Resp: 216603
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.6 17.4 26.2

