

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
 Data File : BG056535.D
 Acq On : 3 Feb 2023 12:17
 Operator : CG/JU
 Sample : PB150609BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150609BL

Quant Time: Feb 04 05:10:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

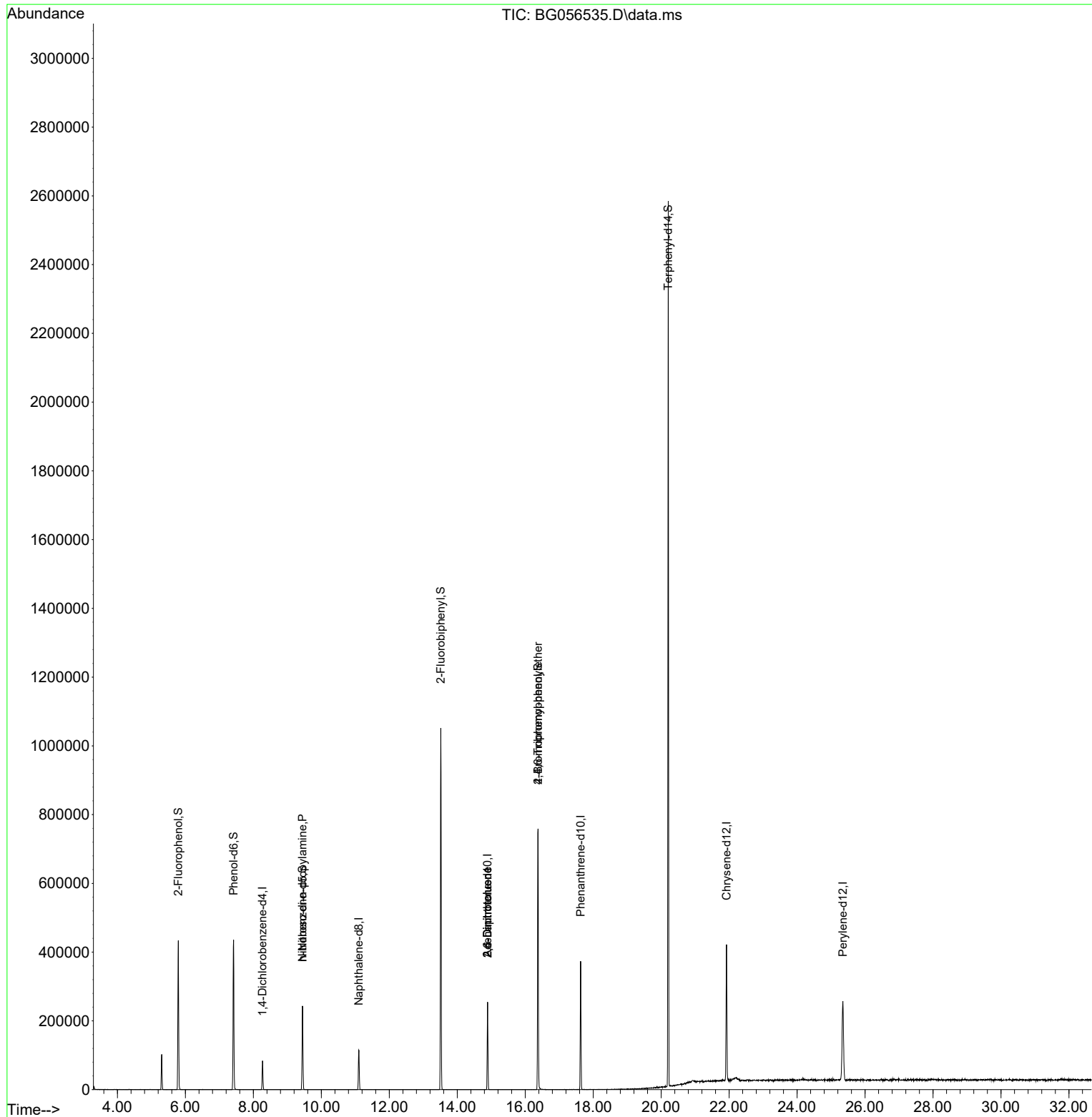
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	28215	20.000	ng	# 0.00
21) Naphthalene-d8	11.102	136	113928	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	94553	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	263680	20.000	ng	0.00
76) Chrysene-d12	21.925	240	259647	20.000	ng	# 0.00
86) Perylene-d12	25.350	264	282363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	245940	160.349	ng	0.00
7) Phenol-d6	7.418	99	339465	149.376	ng	0.00
23) Nitrobenzene-d5	9.445	82	175203	87.326	ng	-0.01
42) 2,4,6-Tribromophenol	16.378	330	173991	138.415	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	600038	87.983	ng	0.00
79) Terphenyl-d14	20.209	244	1354064	91.595	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.424	77	464	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.445	70	21464	16.389	ng	# 71
51) 2,6-Dinitrotoluene	14.892	165	12558	7.528	ng	# 38
57) 2,4-Dinitrotoluene	14.892	165	12558	5.344	ng	# 37
67) 4-Bromophenyl-phenylether	16.378	248	13771	4.080	ng	# 1

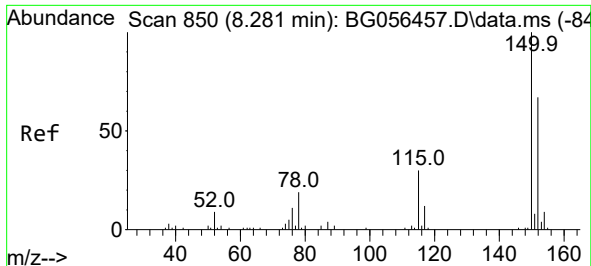
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
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BNA_G
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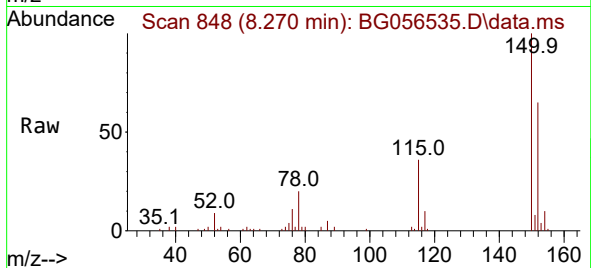
Quant Time: Feb 04 05:10:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration



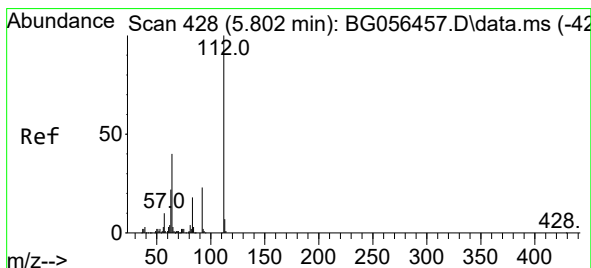
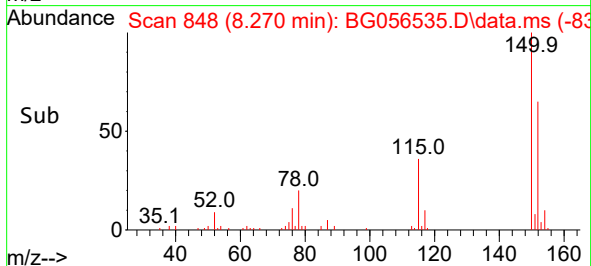
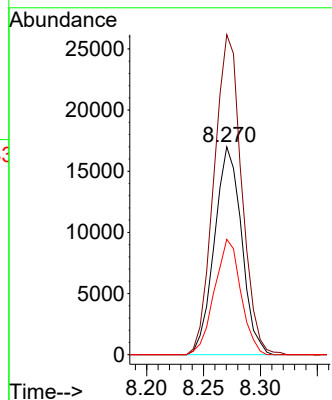


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG056535.D
Acq: 3 Feb 2023 12:17

Instrument :
BNA_G
ClientSampleId :
PB150609BL

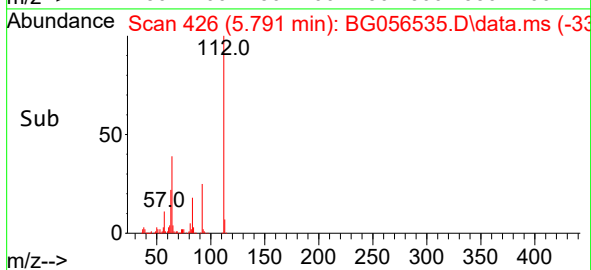
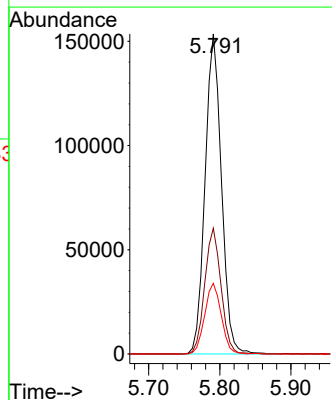
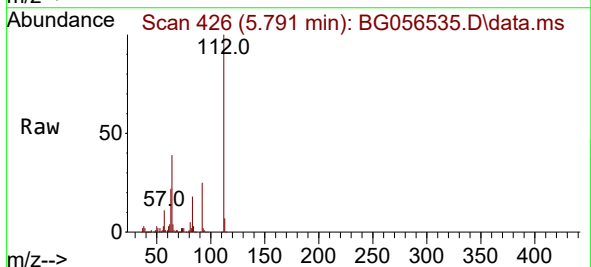


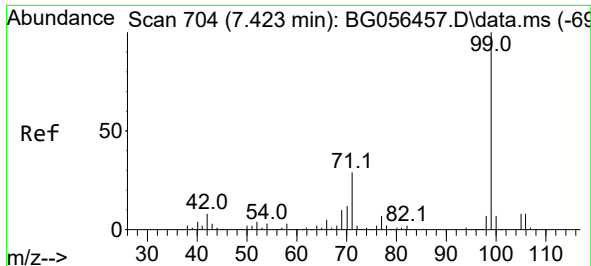
Tgt Ion:152 Resp: 28215
Ion Ratio Lower Upper
152 100
150 153.9 120.2 180.4
115 55.5 36.3 54.5#



#5
2-Fluorophenol
Concen: 160.349 ng
RT: 5.791 min Scan# 426
Delta R.T. -0.005 min
Lab File: BG056535.D
Acq: 3 Feb 2023 12:17

Tgt Ion:112 Resp: 245940
Ion Ratio Lower Upper
112 100
64 39.3 31.9 47.9
63 22.0 17.4 26.0





#7

Phenol-d6

Concen: 149.376 ng

RT: 7.418 min Scan# 704

Delta R.T. 0.001 min

Lab File: BG056535.D

Acq: 3 Feb 2023 12:17

Instrument :

BNA_G

ClientSampleId :

PB150609BL

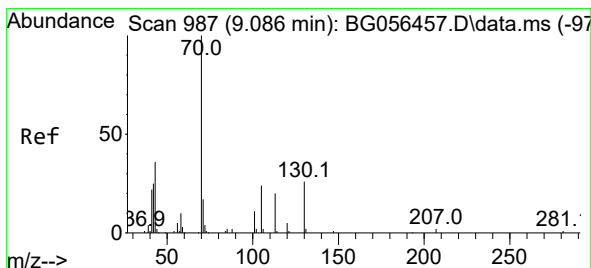
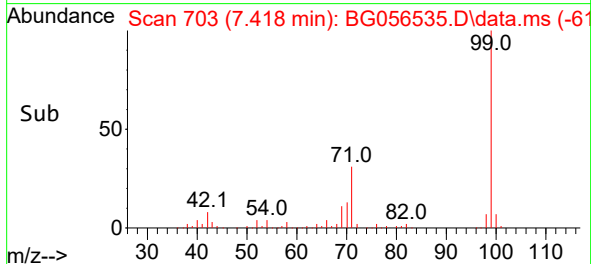
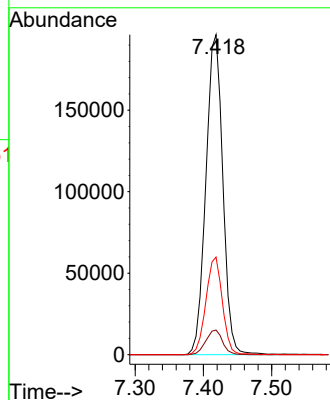
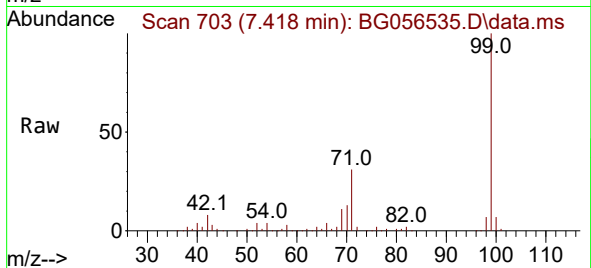
Tgt Ion: 99 Resp: 339465

Ion Ratio Lower Upper

99 100

42 7.7 6.6 10.0

71 30.5 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.389 ng

RT: 9.445 min Scan# 1048

Delta R.T. 0.365 min

Lab File: BG056535.D

Acq: 3 Feb 2023 12:17

Tgt Ion: 70 Resp: 21464

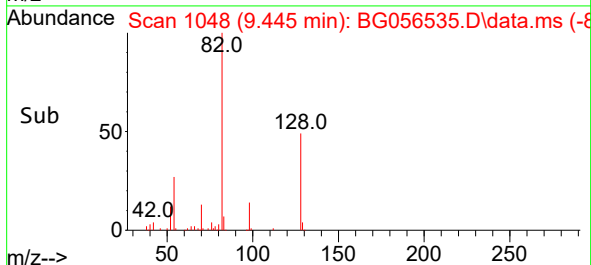
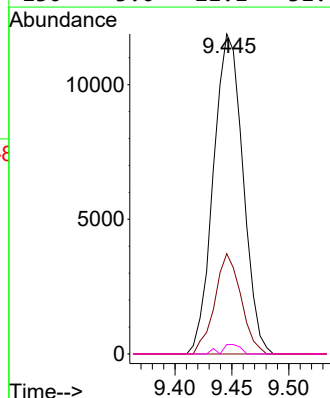
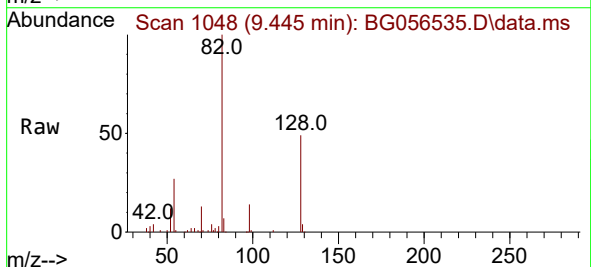
Ion Ratio Lower Upper

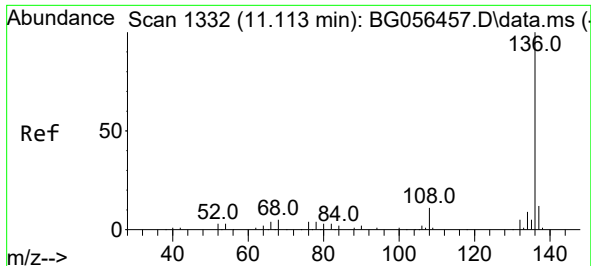
70 100

42 31.3 20.2 30.4#

101 0.0 9.1 13.7#

130 3.0 21.1 31.7#

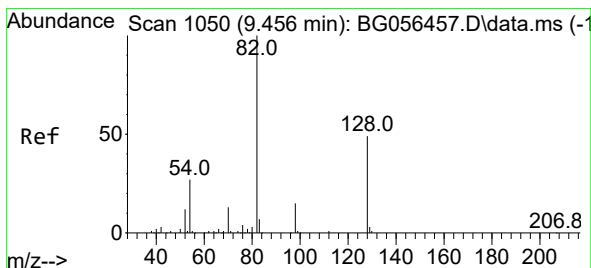
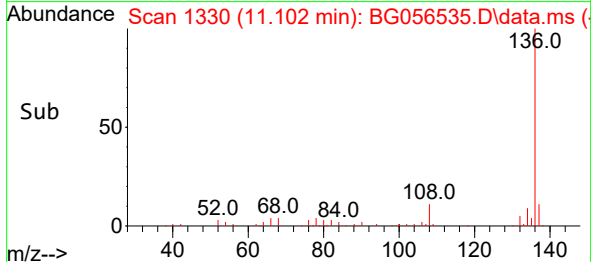
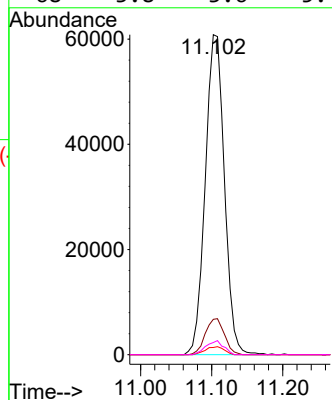
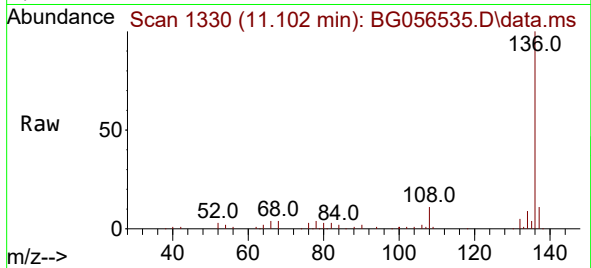




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056535.D
Acq: 3 Feb 2023 12:17

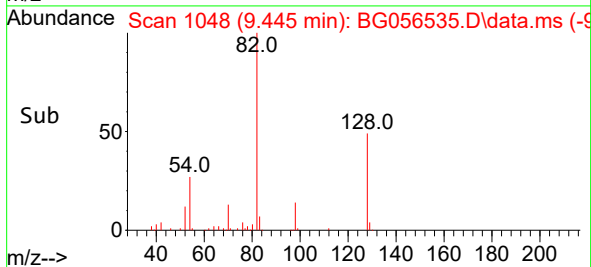
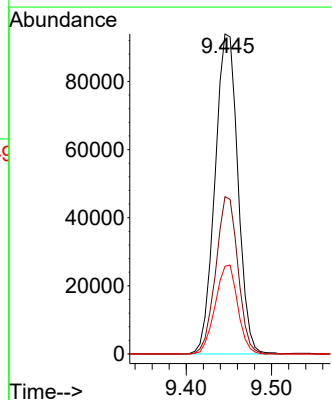
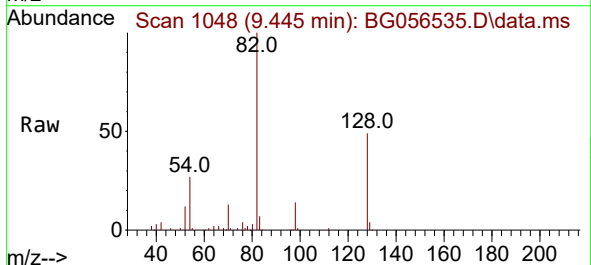
Instrument :
BNA_G
ClientSampleId :
PB150609BL

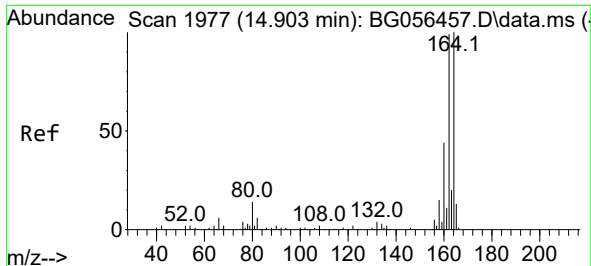
Tgt Ion:136 Resp: 113928
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 2.3 2.2 3.4
68 3.8 3.6 5.4



#23
Nitrobenzene-d5
Concen: 87.326 ng
RT: 9.445 min Scan# 1048
Delta R.T. -0.011 min
Lab File: BG056535.D
Acq: 3 Feb 2023 12:17

Tgt Ion: 82 Resp: 175203
Ion Ratio Lower Upper
82 100
128 49.2 39.4 59.2
54 27.4 21.4 32.2

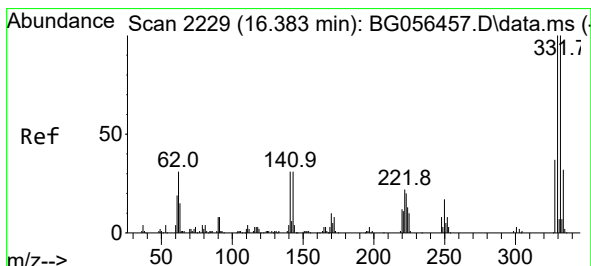
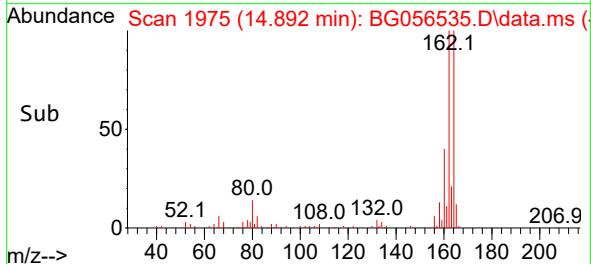
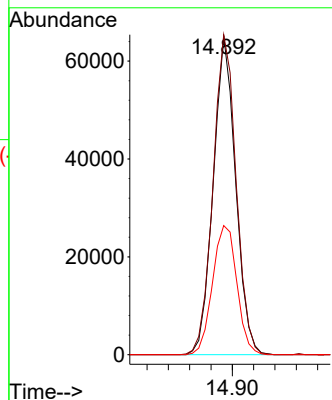
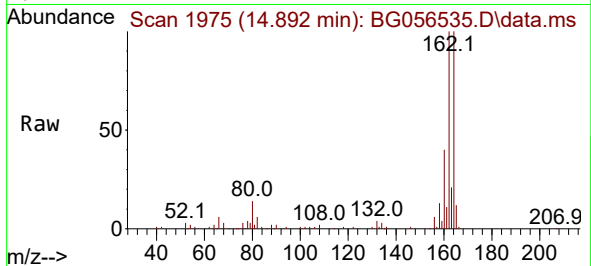




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BG056535.D
Acq: 3 Feb 2023 12:17

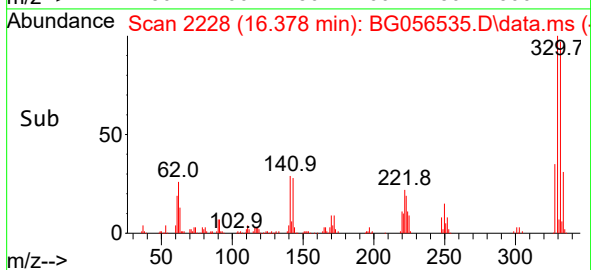
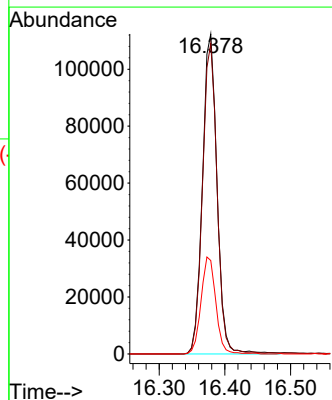
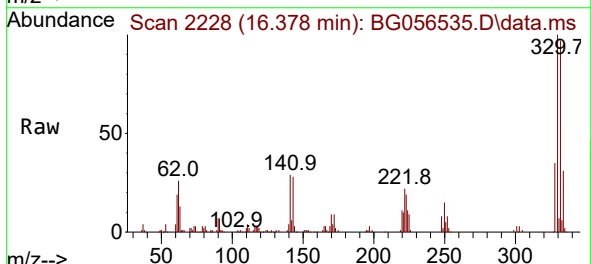
Instrument :
BNA_G
ClientSampleId :
PB150609BL

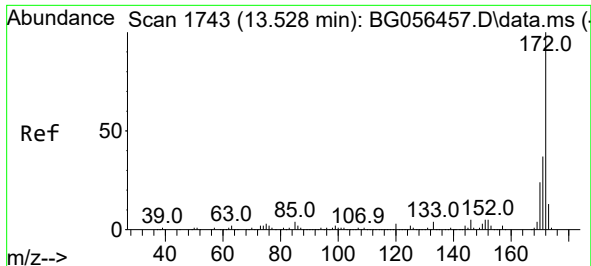
Tgt Ion:164 Resp: 94553
Ion Ratio Lower Upper
164 100
162 100.4 79.6 119.4
160 40.5 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 138.415 ng
RT: 16.378 min Scan# 2228
Delta R.T. 0.001 min
Lab File: BG056535.D
Acq: 3 Feb 2023 12:17

Tgt Ion:330 Resp: 173991
Ion Ratio Lower Upper
330 100
332 96.6 79.0 118.6
141 30.5 24.2 36.4

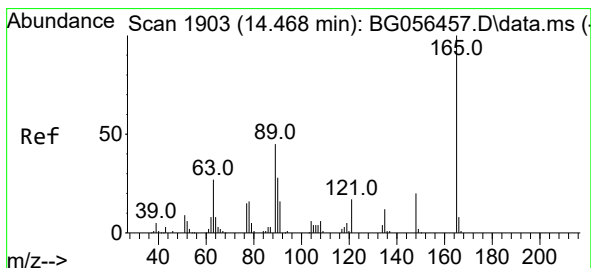
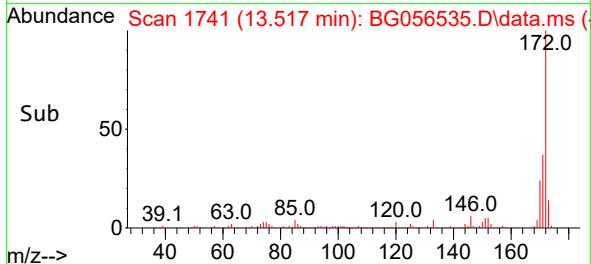
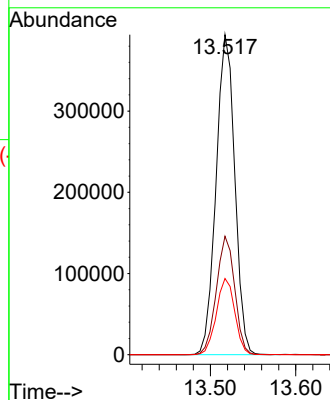
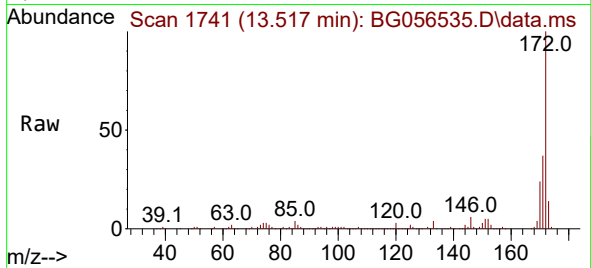




#45
2-Fluorobiphenyl
Concen: 87.983 ng
RT: 13.517 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056535.D
Acq: 3 Feb 2023 12:17

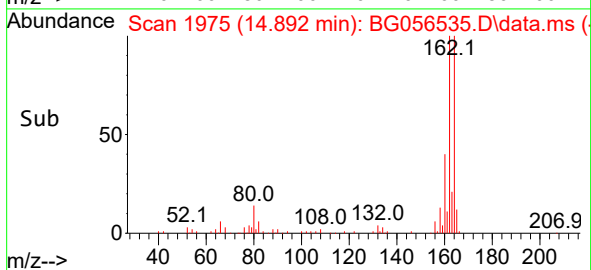
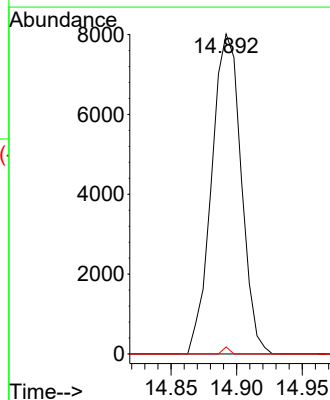
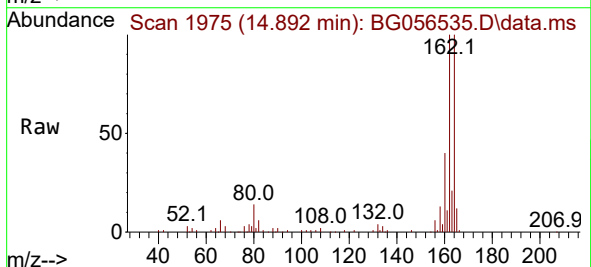
Instrument :
BNA_G
ClientSampleId :
PB150609BL

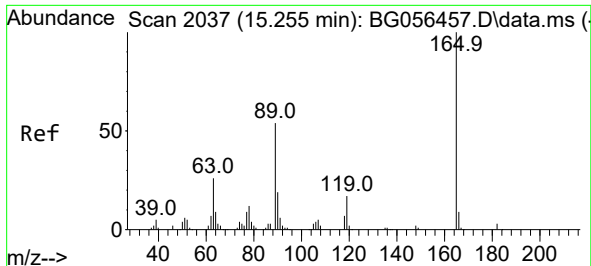
Tgt Ion:172 Resp: 600038
Ion Ratio Lower Upper
172 100
171 37.0 29.5 44.3
170 23.8 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.528 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.424 min
Lab File: BG056535.D
Acq: 3 Feb 2023 12:17

Tgt Ion:165 Resp: 12558
Ion Ratio Lower Upper
165 100
63 0.0 26.9 40.3#
89 2.2 35.6 53.4#





#57

2,4-Dinitrotoluene

Concen: 5.344 ng

RT: 14.892 min Scan# 14

Delta R.T. -0.358 min

Lab File: BG056535.D

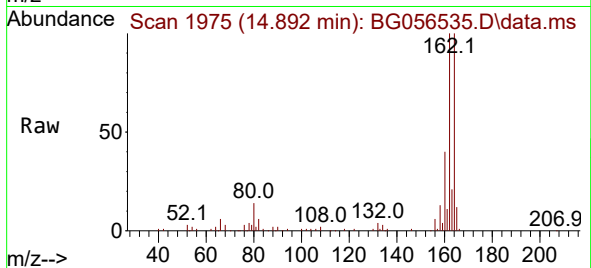
Acq: 3 Feb 2023 12:17

Instrument :

BNA_G

ClientSampleId :

PB150609BL



Tgt Ion:165 Resp: 12558

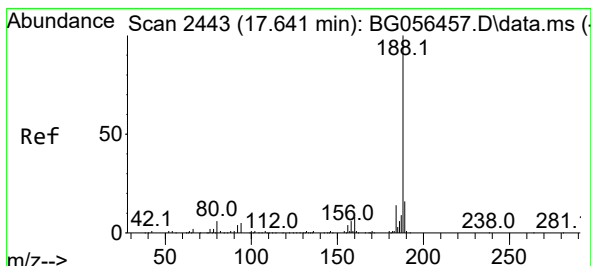
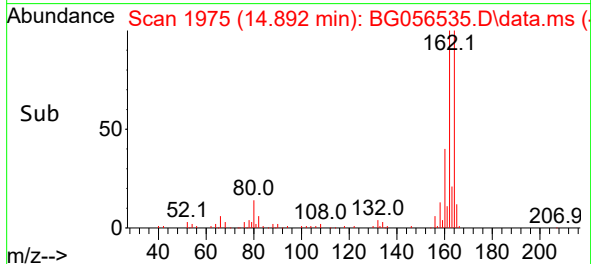
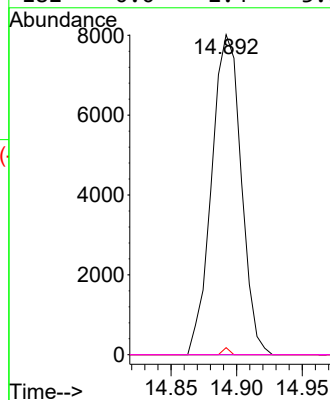
Ion Ratio Lower Upper

165 100

63 0.0 20.6 31.0#

89 2.2 43.1 64.7#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.630 min Scan# 2441

Delta R.T. -0.005 min

Lab File: BG056535.D

Acq: 3 Feb 2023 12:17

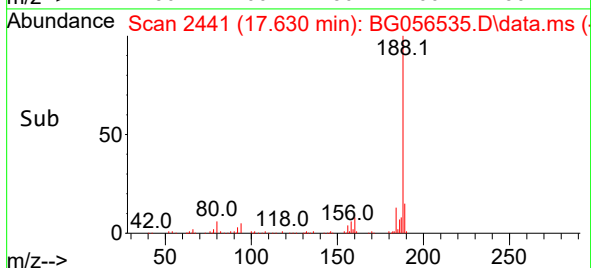
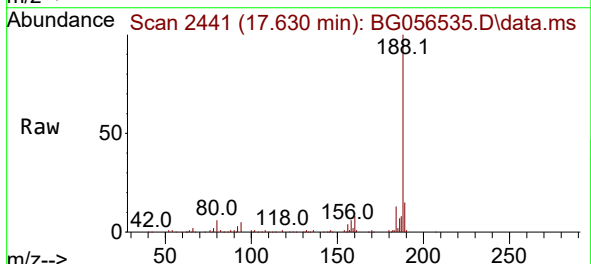
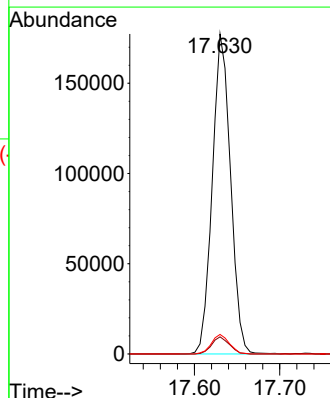
Tgt Ion:188 Resp: 263680

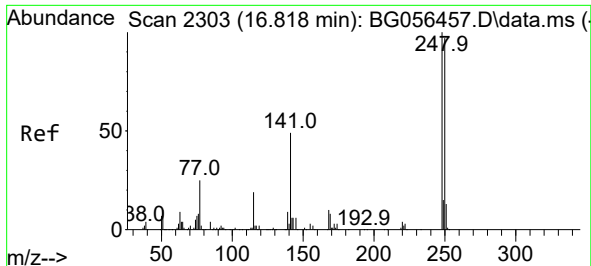
Ion Ratio Lower Upper

188 100

94 5.3 4.1 6.1

80 6.1 5.0 7.4

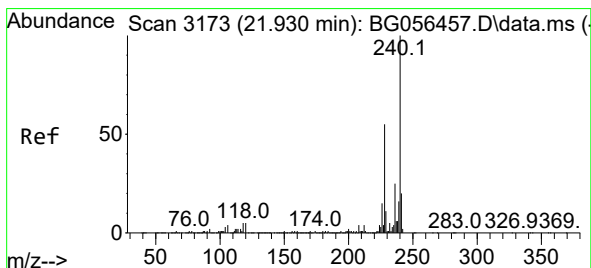
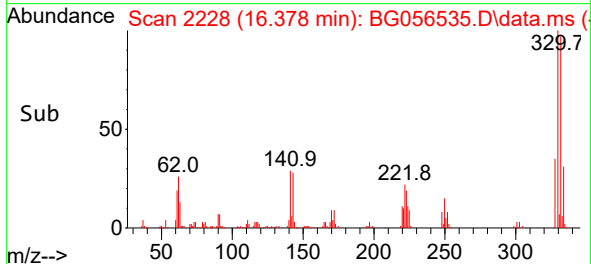
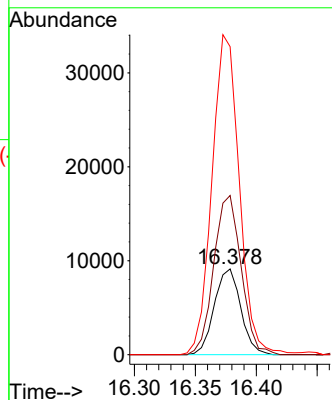
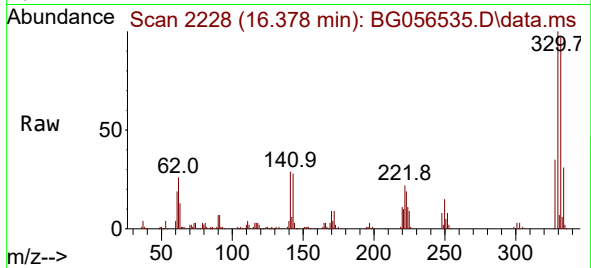




#67
4-Bromophenyl-phenylether
Concen: 4.080 ng
RT: 16.378 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG056535.D
Acq: 3 Feb 2023 12:17

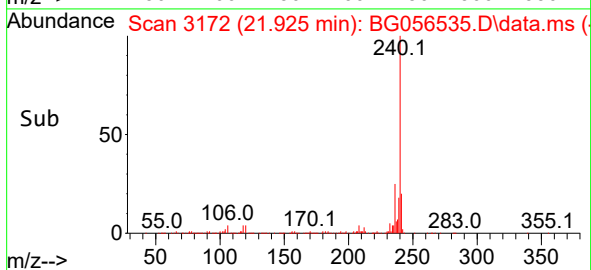
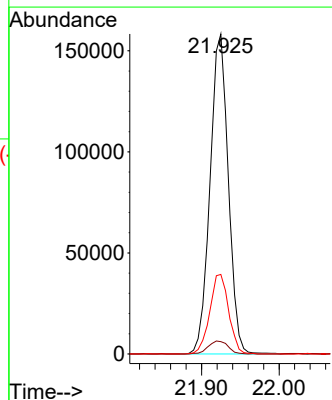
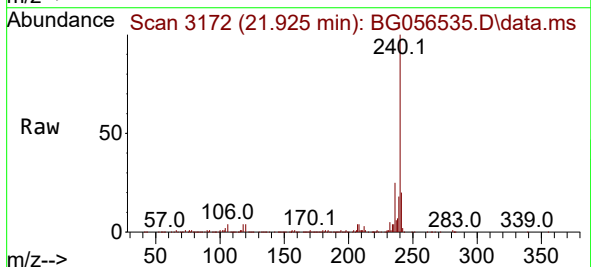
Instrument :
BNA_G
ClientSampleId :
PB150609BL

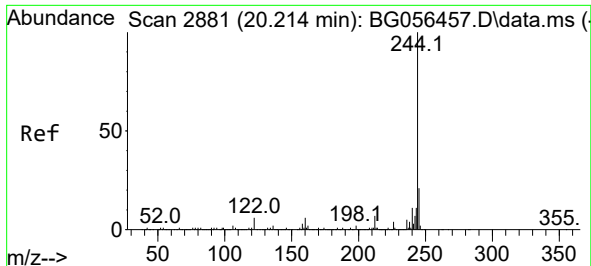
Tgt Ion:248 Resp: 13771
Ion Ratio Lower Upper
248 100
250 244.9 77.6 116.4#
141 359.2 39.0 58.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.001 min
Lab File: BG056535.D
Acq: 3 Feb 2023 12:17

Tgt Ion:240 Resp: 259647
Ion Ratio Lower Upper
240 100
120 3.8 3.8 5.8#
236 24.8 20.2 30.2

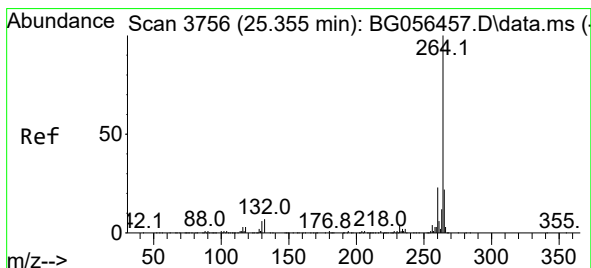
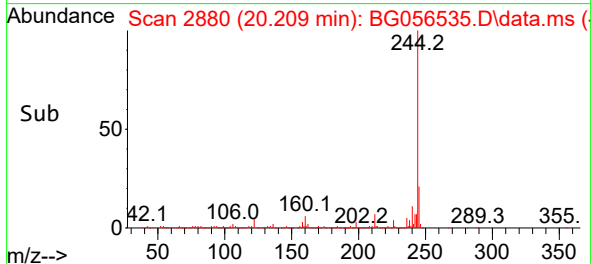
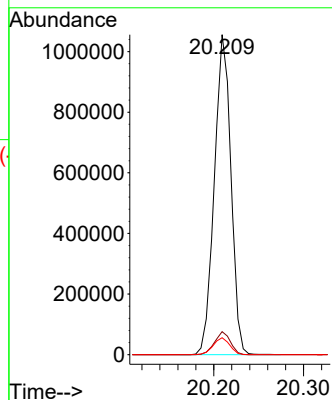
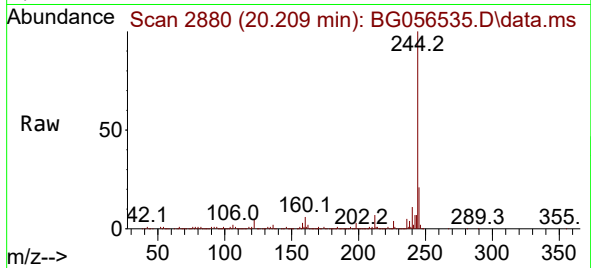




#79
 Terphenyl-d14
 Concen: 91.595 ng
 RT: 20.209 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056535.D
 Acq: 3 Feb 2023 12:17

Instrument :
 BNA_G
 ClientSampleId :
 PB150609BL

Tgt Ion:244 Resp: 1354064
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 5.3 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.350 min Scan# 3755
 Delta R.T. 0.007 min
 Lab File: BG056535.D
 Acq: 3 Feb 2023 12:17

Tgt Ion:264 Resp: 282363
 Ion Ratio Lower Upper
 264 100
 260 25.6 18.2 27.4
 265 21.3 18.1 27.1

