

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
 Data File : BG055913.D
 Acq On : 7 Dec 2022 12:46
 Operator : CG/JU
 Sample : PB149382BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149382BL

Quant Time: Dec 08 05:05:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

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

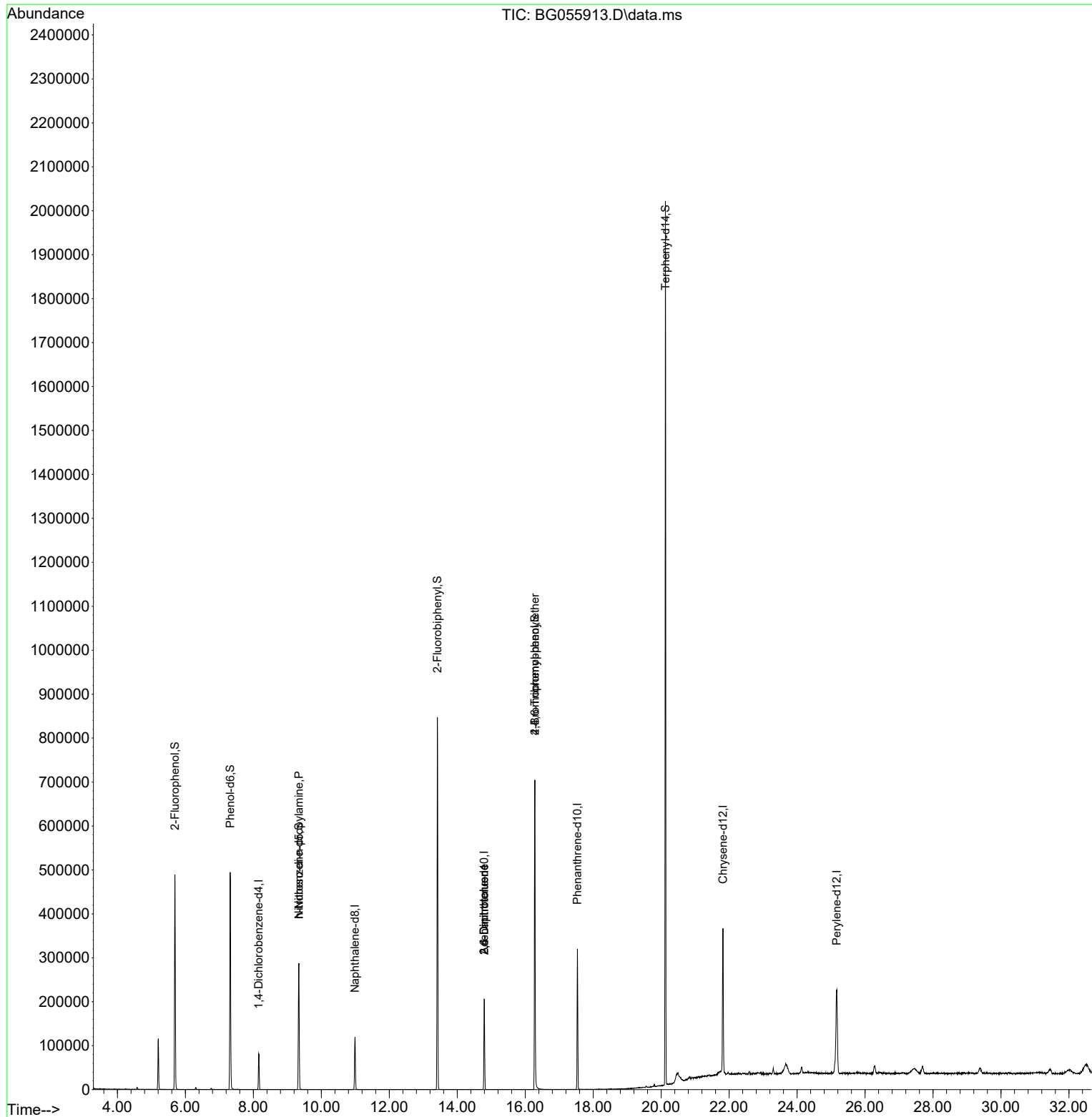
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	23094	20.000	ng	0.00
21) Naphthalene-d8	10.990	136	99869	20.000	ng	0.00
39) Acenaphthene-d10	14.791	164	77718	20.000	ng	-0.01
64) Phenanthrene-d10	17.535	188	203629	20.000	ng	-0.01
76) Chrysene-d12	21.818	240	206644	20.000	ng	-0.01
86) Perylene-d12	25.167	264	217705	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	203209	159.047	ng	0.00
7) Phenol-d6	7.318	99	266605	156.755	ng	0.00
23) Nitrobenzene-d5	9.339	82	168855	89.365	ng	0.00
42) 2,4,6-Tribromophenol	16.284	330	150539	137.558	ng	0.00
45) 2-Fluorobiphenyl	13.416	172	439645	84.748	ng	0.00
79) Terphenyl-d14	20.126	244	964968	93.400	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.339	70	22843	17.480	ng	# 82
51) 2,6-Dinitrotoluene	14.791	165	9841	7.769	ng	# 26
57) 2,4-Dinitrotoluene	14.791	165	9841	5.510	ng	# 24
67) 4-Bromophenyl-phenylether	16.284	248	9560	4.120	ng	# 1

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

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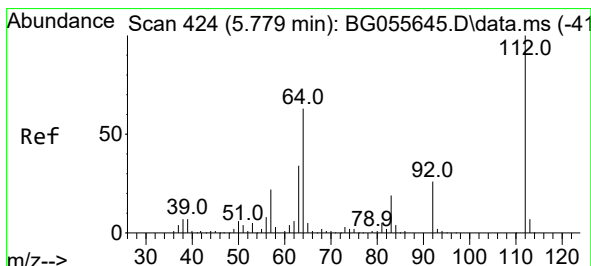
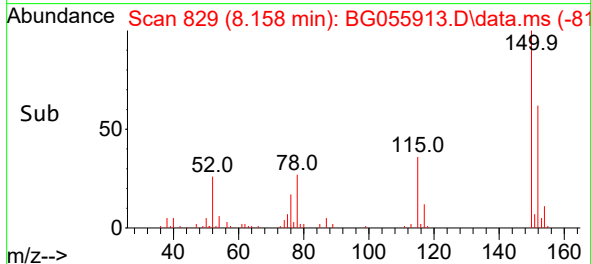
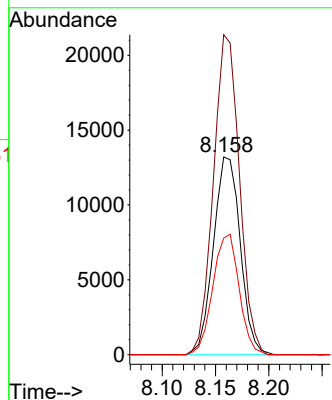
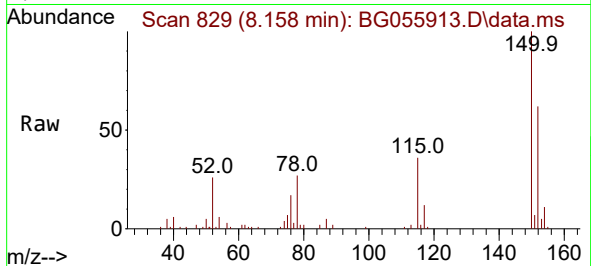




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055913.D
Acq: 7 Dec 2022 12:46

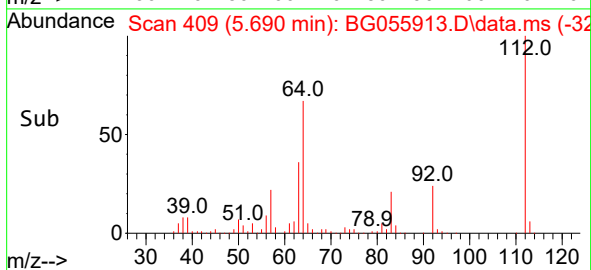
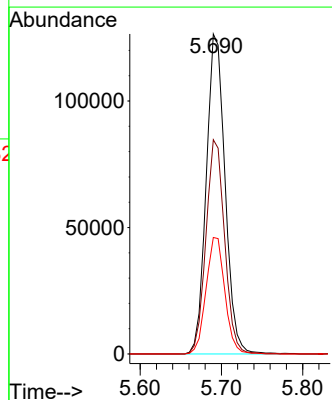
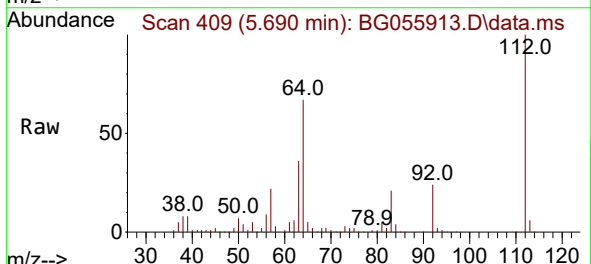
Instrument :
BNA_G
ClientSampleId :
PB149382BL

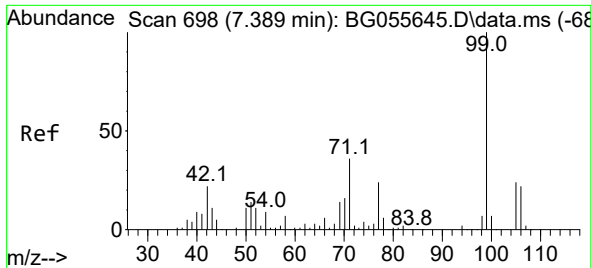
Tgt Ion:152 Resp: 23094
Ion Ratio Lower Upper
152 100
150 161.8 123.0 184.6
115 58.9 47.0 70.4



#5
2-Fluorophenol
Concen: 159.047 ng
RT: 5.690 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG055913.D
Acq: 7 Dec 2022 12:46

Tgt Ion:112 Resp: 203209
Ion Ratio Lower Upper
112 100
64 67.0 50.6 76.0
63 36.4 27.5 41.3

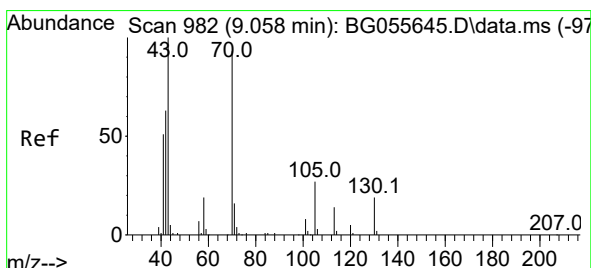
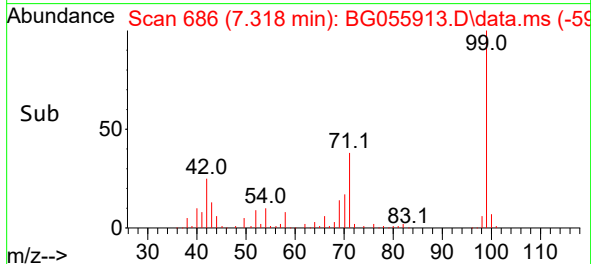
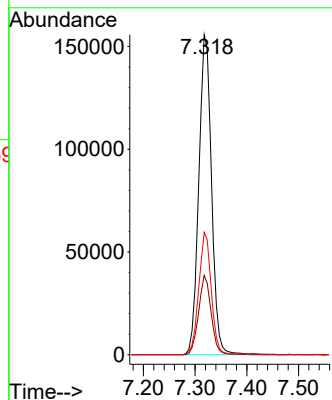
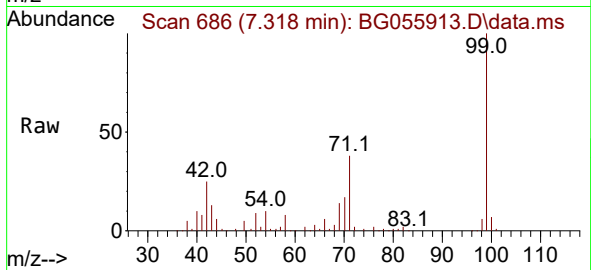




#7
Phenol-d6
Concen: 156.755 ng
RT: 7.318 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG055913.D
Acq: 7 Dec 2022 12:46

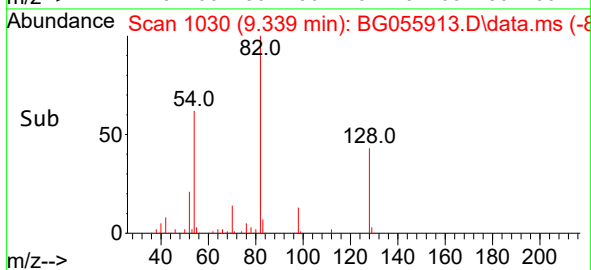
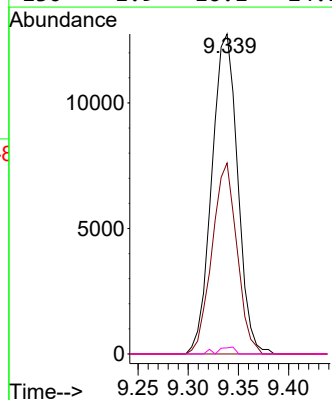
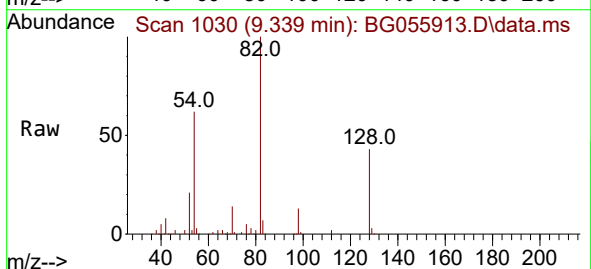
Instrument :
BNA_G
ClientSampleId :
PB149382BL

Tgt Ion: 99 Resp: 266605
Ion Ratio Lower Upper
99 100
42 24.7 18.0 27.0
71 38.2 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.480 ng
RT: 9.339 min Scan# 1030
Delta R.T. 0.366 min
Lab File: BG055913.D
Acq: 7 Dec 2022 12:46

Tgt Ion: 70 Resp: 22843
Ion Ratio Lower Upper
70 100
42 59.6 55.2 82.8
101 0.0 7.1 10.7#
130 1.9 16.1 24.1#

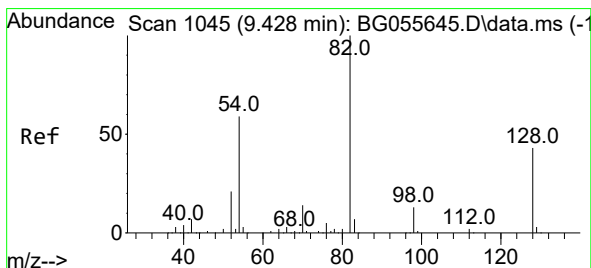
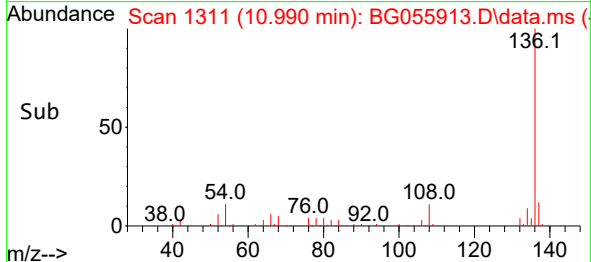
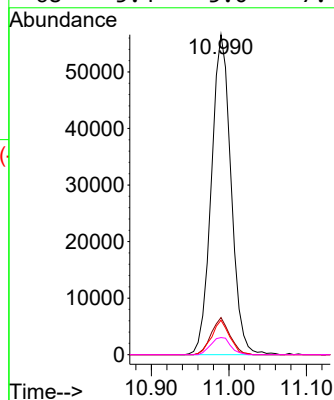
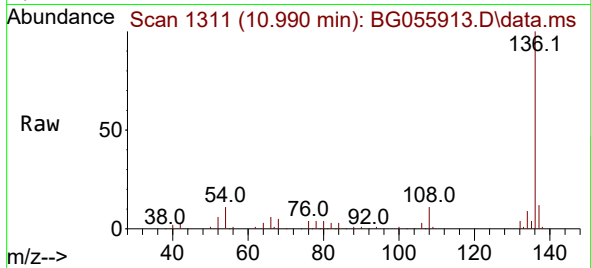




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.990 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055913.D
Acq: 7 Dec 2022 12:46

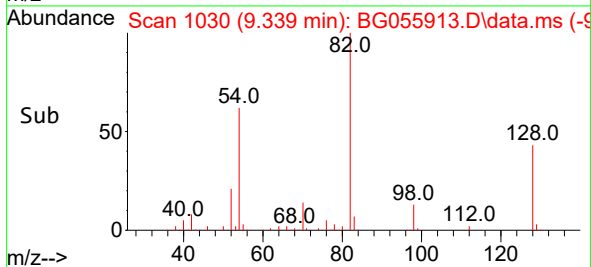
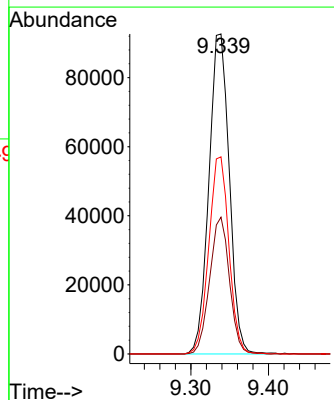
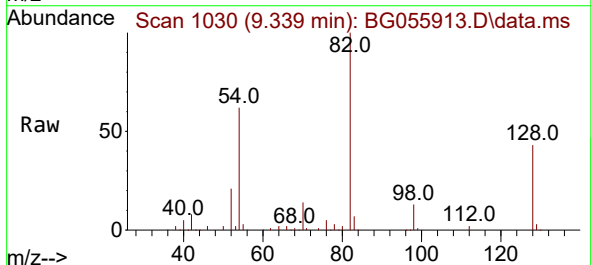
Instrument :
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ClientSampleId :
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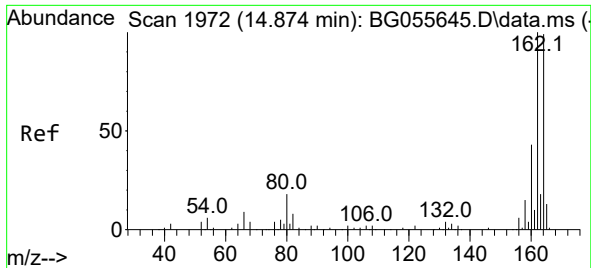
Tgt Ion:136	Resp:	99869
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.0 13.6
54	10.7	7.8 11.6
68	5.4	5.0 7.4



#23
Nitrobenzene-d5
Concen: 89.365 ng
RT: 9.339 min Scan# 1030
Delta R.T. -0.004 min
Lab File: BG055913.D
Acq: 7 Dec 2022 12:46

Tgt Ion: 82	Resp:	168855
Ion Ratio	Lower	Upper
82	100	
128	42.8	34.1 51.1
54	61.6	47.3 70.9

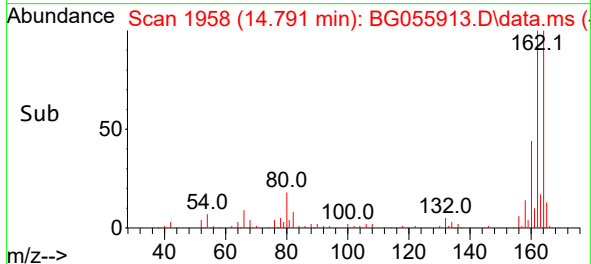
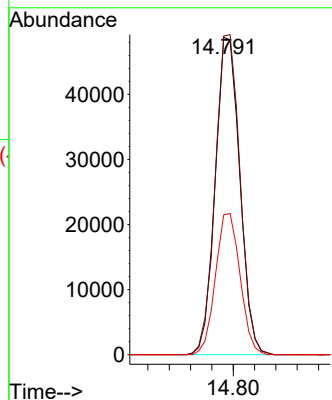
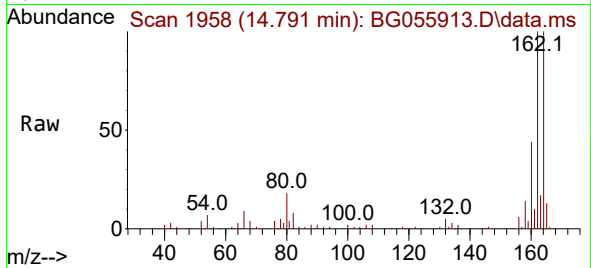




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.791 min Scan# 1972
 Delta R.T. -0.010 min
 Lab File: BG055913.D
 Acq: 7 Dec 2022 12:46

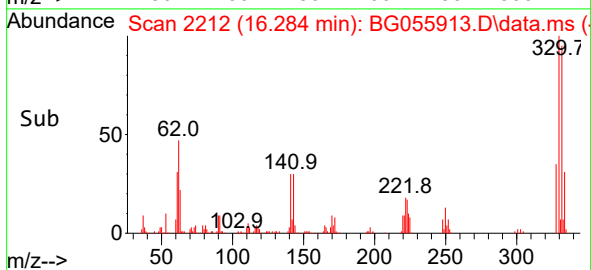
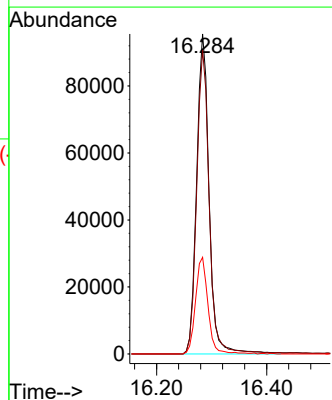
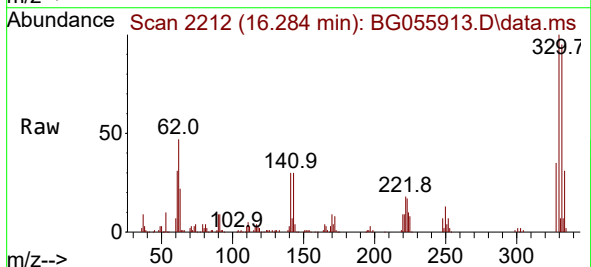
Instrument :
 BNA_G
 ClientSampleId :
 PB149382BL

Tgt Ion:164 Resp: 77718
 Ion Ratio Lower Upper
 164 100
 162 100.4 81.1 121.7
 160 44.1 34.8 52.2



#42
 2,4,6-Tribromophenol
 Concen: 137.558 ng
 RT: 16.284 min Scan# 2212
 Delta R.T. -0.004 min
 Lab File: BG055913.D
 Acq: 7 Dec 2022 12:46

Tgt Ion:330 Resp: 150539
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.8 116.8
 141 30.2 23.9 35.9

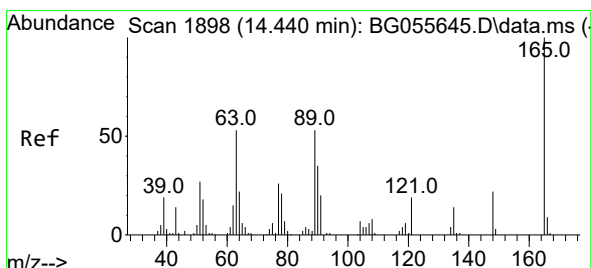
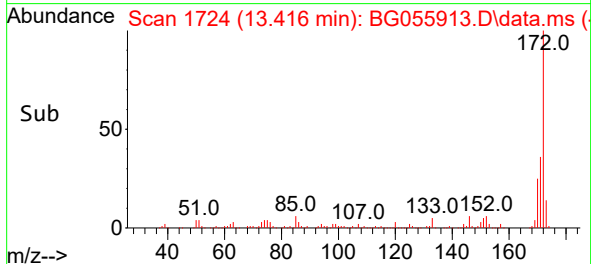
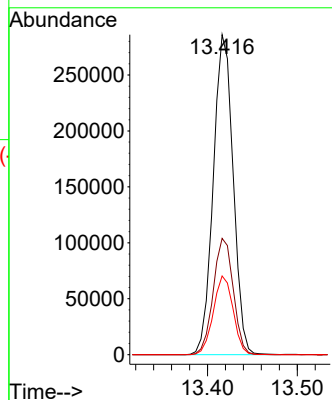
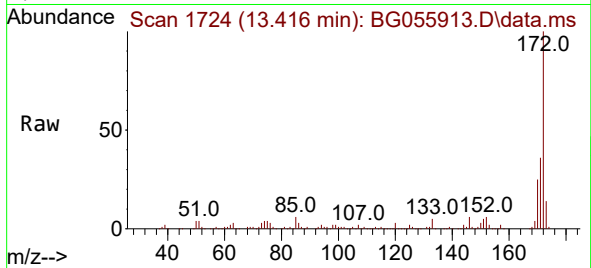




#45
2-Fluorobiphenyl
Concen: 84.748 ng
RT: 13.416 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055913.D
Acq: 7 Dec 2022 12:46

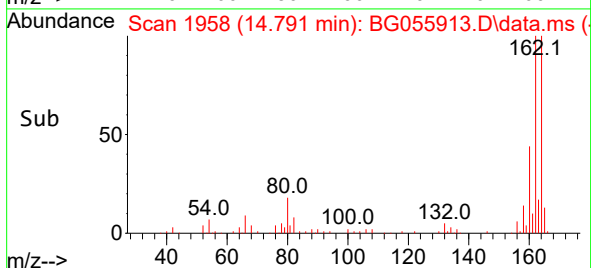
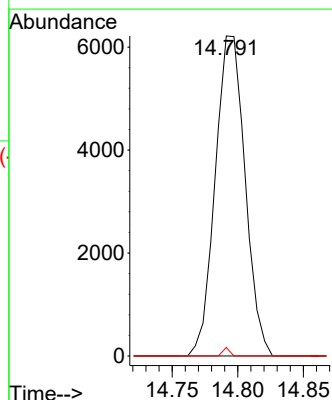
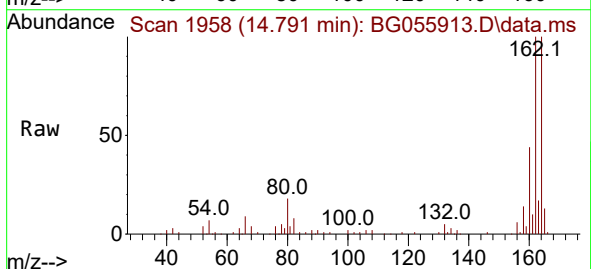
Instrument :
BNA_G
ClientSampleId :
PB149382BL

Tgt Ion:172 Resp: 439645
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.6 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.769 ng
RT: 14.791 min Scan# 1958
Delta R.T. 0.419 min
Lab File: BG055913.D
Acq: 7 Dec 2022 12:46

Tgt Ion:165 Resp: 9841
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 2.6 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.510 ng

RT: 14.791 min Scan# 1958

Delta R.T. -0.375 min

Lab File: BG055913.D

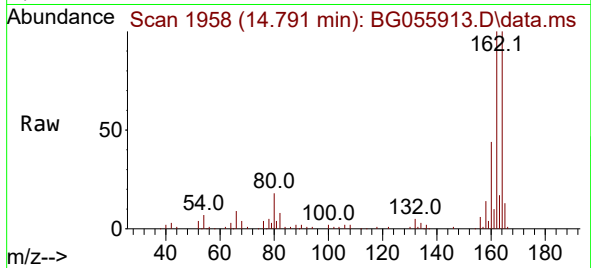
Acq: 7 Dec 2022 12:46

Instrument :

BNA_G

ClientSampleId :

PB149382BL



Tgt Ion:165 Resp: 9841

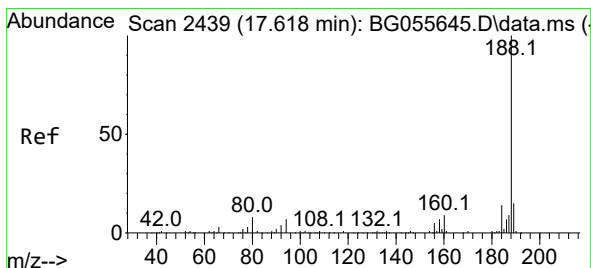
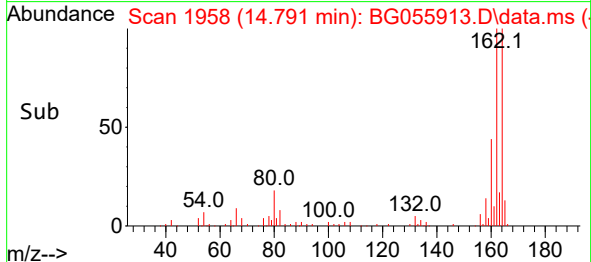
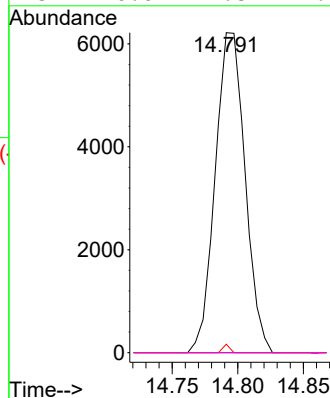
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 2.6 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.535 min Scan# 2425

Delta R.T. -0.010 min

Lab File: BG055913.D

Acq: 7 Dec 2022 12:46

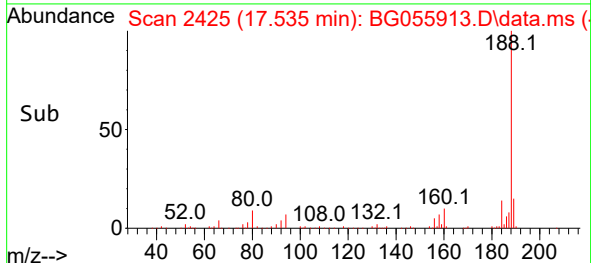
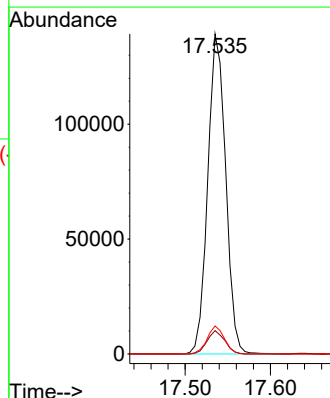
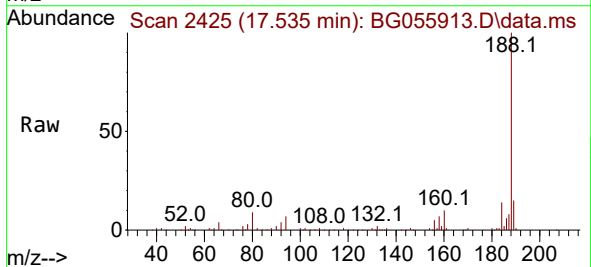
Tgt Ion:188 Resp: 203629

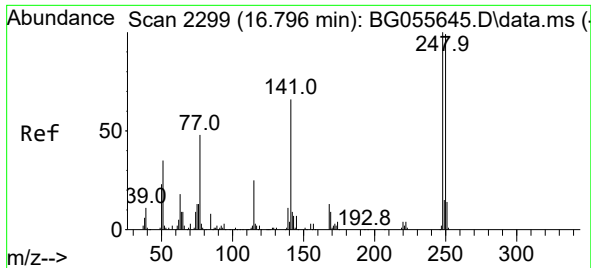
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.7 6.6 10.0

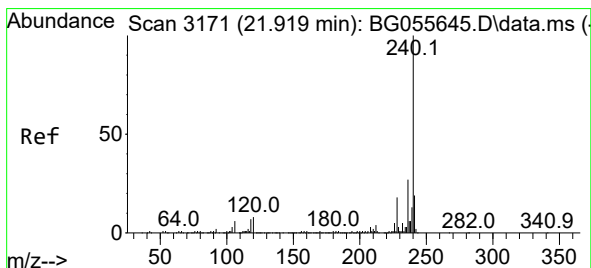
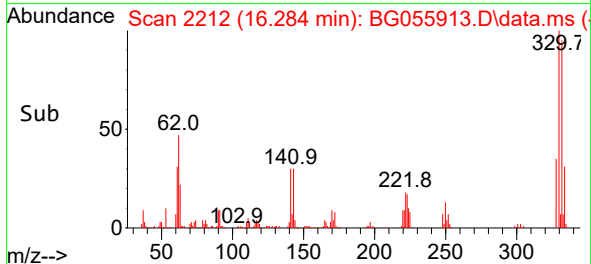
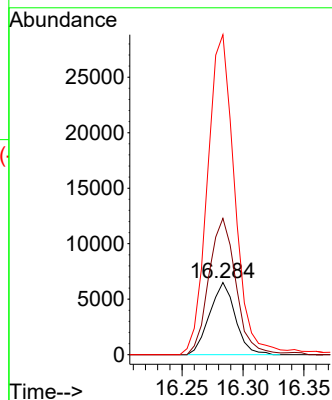
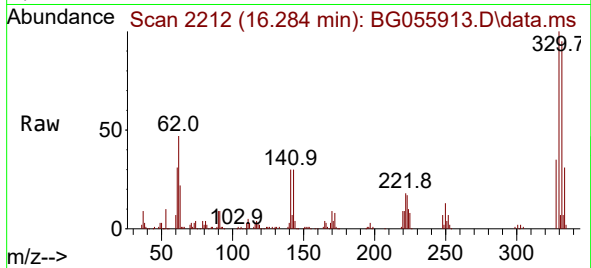




#67
4-Bromophenyl-phenylether
Concen: 4.120 ng
RT: 16.284 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG055913.D
Acq: 7 Dec 2022 12:46

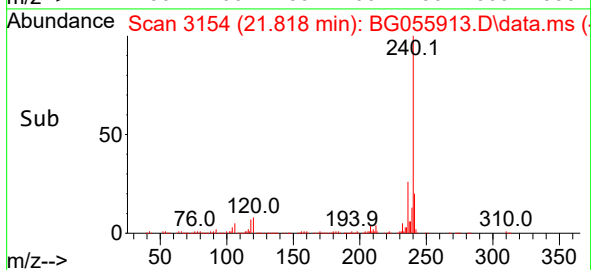
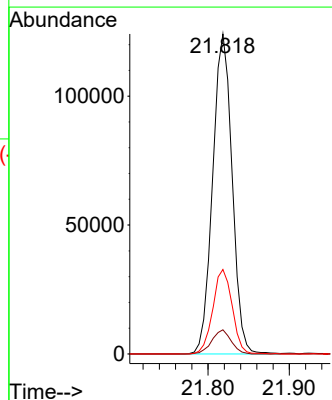
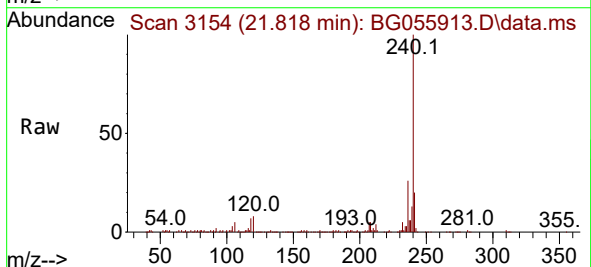
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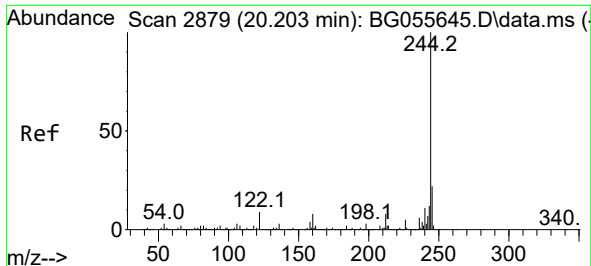
Tgt Ion:248 Resp: 9560
Ion Ratio Lower Upper
248 100
250 188.7 79.0 118.4#
141 443.2 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.818 min Scan# 3154
Delta R.T. -0.010 min
Lab File: BG055913.D
Acq: 7 Dec 2022 12:46

Tgt Ion:240 Resp: 206644
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 26.4 21.9 32.9

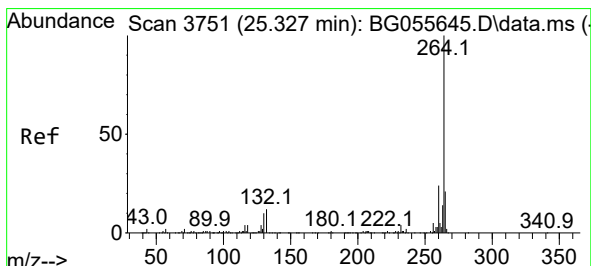
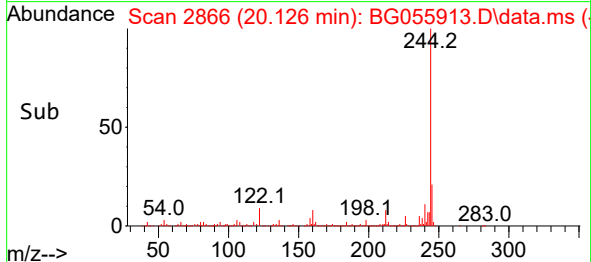
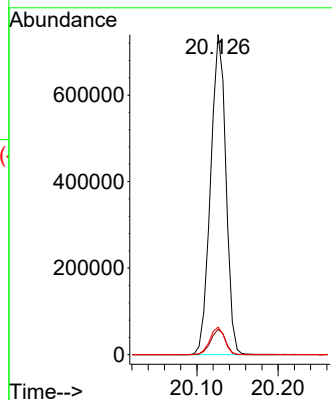
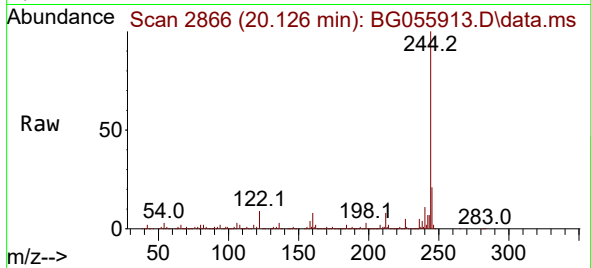




#79
 Terphenyl-d14
 Concen: 93.400 ng
 RT: 20.126 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055913.D
 Acq: 7 Dec 2022 12:46

Instrument :
 BNA_G
 ClientSampleId :
 PB149382BL

Tgt Ion:244 Resp: 964968
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.6 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.167 min Scan# 3724
 Delta R.T. -0.010 min
 Lab File: BG055913.D
 Acq: 7 Dec 2022 12:46

Tgt Ion:264 Resp: 217705
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.4 17.1 25.7

