

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011223\
 Data File : BG056263.D
 Acq On : 12 Jan 2023 10:55
 Operator : CG/JU
 Sample : PB150172BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150172BL

Quant Time: Jan 13 04:37:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

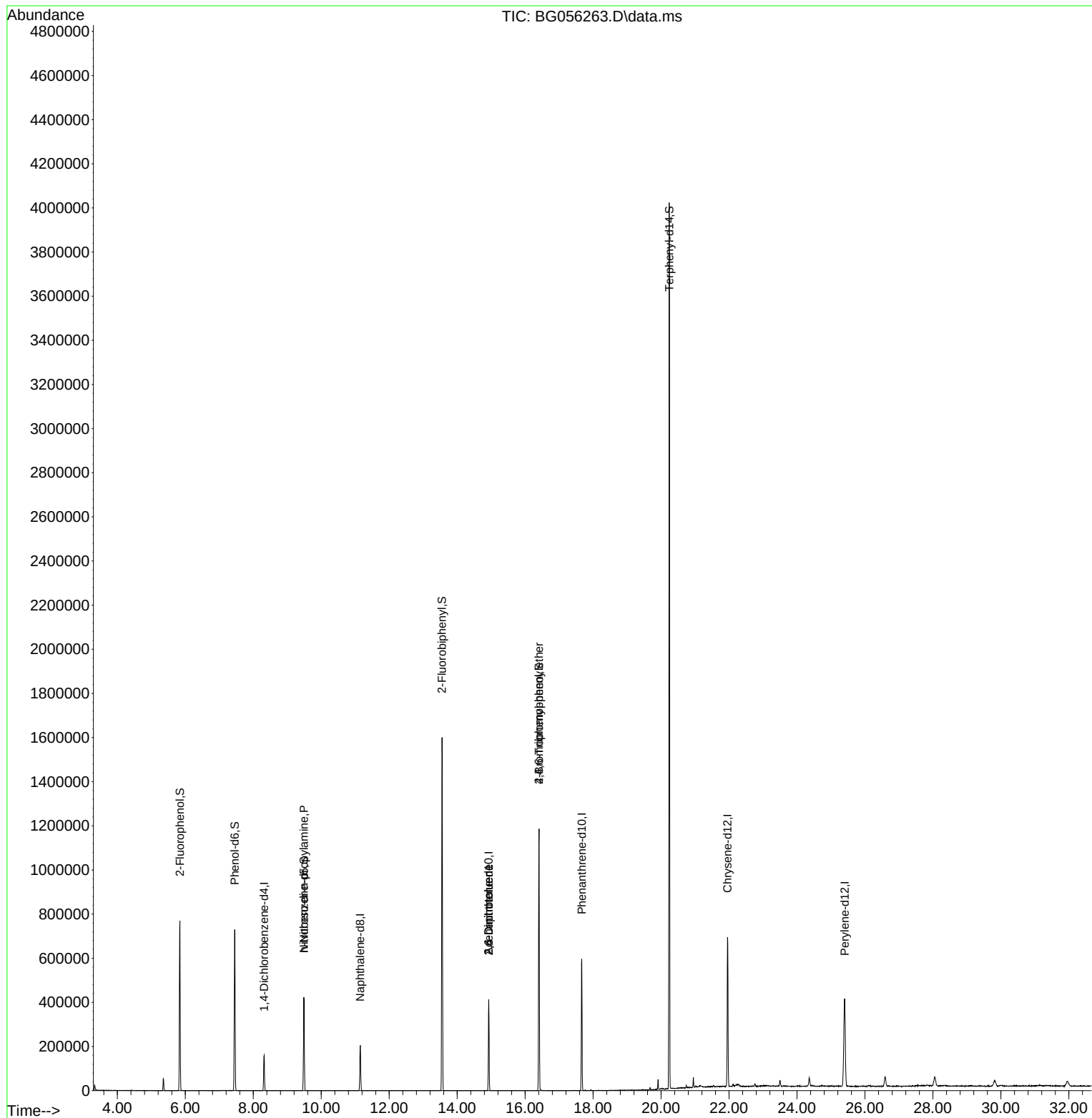
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	53432	20.000	ng	0.00
21) Naphthalene-d8	11.144	136	190996	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	156628	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	424996	20.000	ng	0.00
76) Chrysene-d12	21.955	240	482198	20.000	ng	# 0.00
86) Perylene-d12	25.403	264	467734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	420049	140.365	ng	0.01
7) Phenol-d6	7.454	99	559536	121.752	ng	0.00
23) Nitrobenzene-d5	9.487	82	302137	80.917	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	245809	123.916	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	936934	82.604	ng	0.00
79) Terphenyl-d14	20.239	244	2089857	77.625	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.487	70	37531	13.430	ng	# 73
51) 2,6-Dinitrotoluene	14.928	165	20642	7.662	ng	# 31
57) 2,4-Dinitrotoluene	14.928	165	20642	5.478	ng	# 28
67) 4-Bromophenyl-phenylether	16.408	248	21261	3.929	ng	# 1

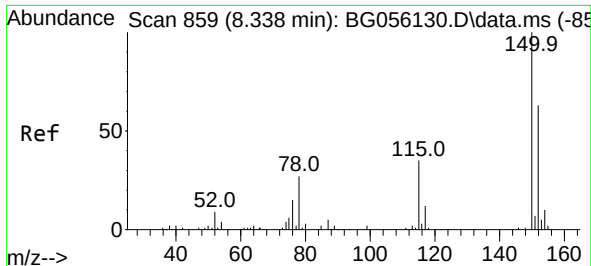
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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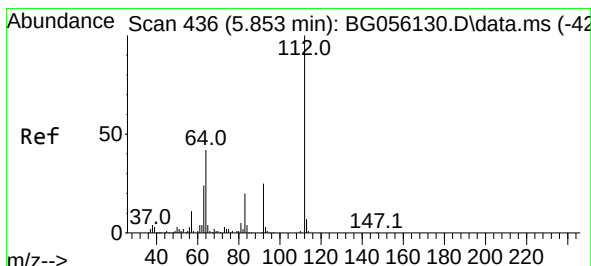
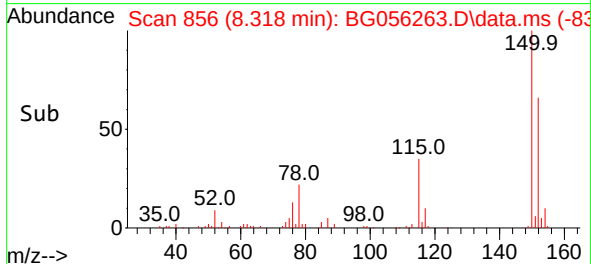
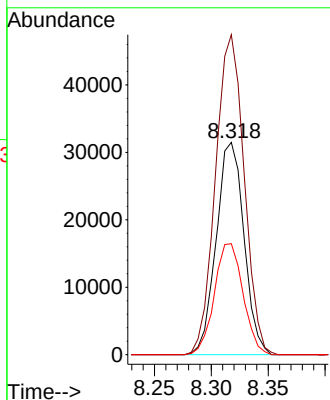
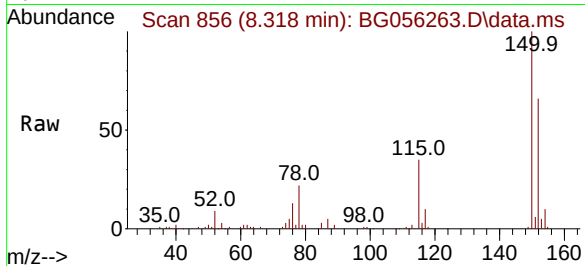




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

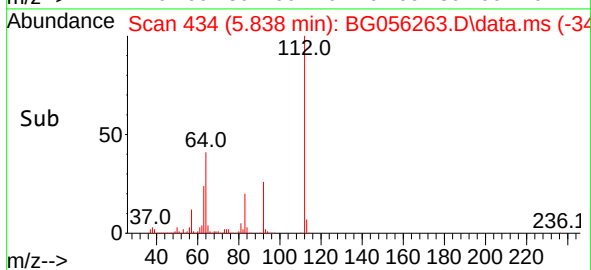
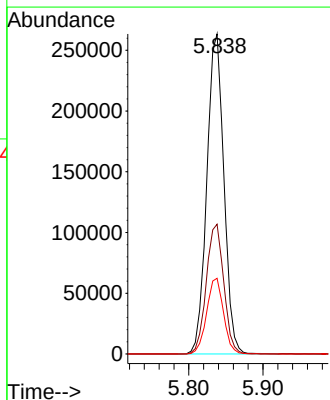
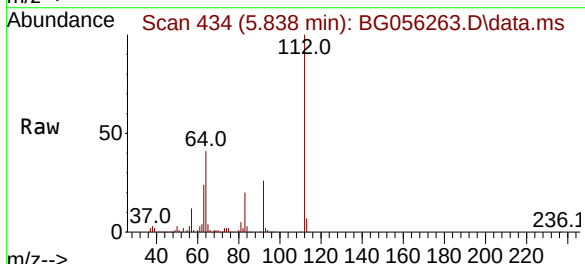
Instrument :
BNA_G
ClientSampleId :
PB150172BL

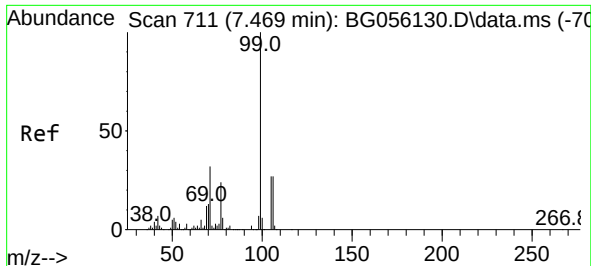
Tgt Ion:152 Resp: 53432
Ion Ratio Lower Upper
152 100
150 150.8 127.9 191.9
115 52.3 44.2 66.2



#5
2-Fluorophenol
Concen: 140.365 ng
RT: 5.838 min Scan# 434
Delta R.T. 0.013 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

Tgt Ion:112 Resp: 420049
Ion Ratio Lower Upper
112 100
64 40.5 33.3 49.9
63 23.7 19.0 28.4

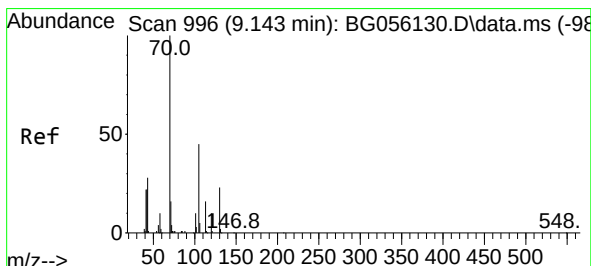
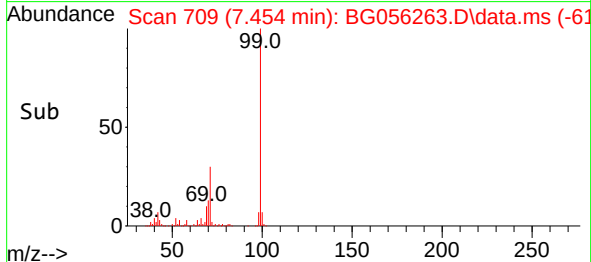
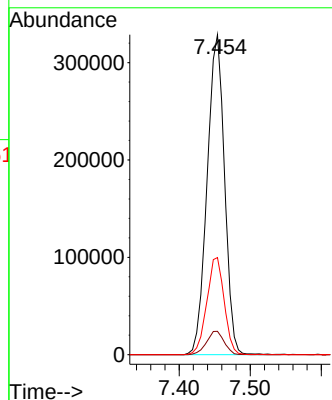
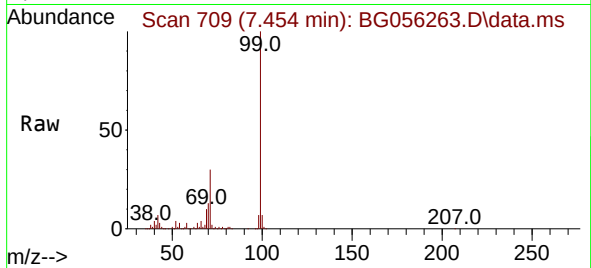




#7
Phenol-d6
Concen: 121.752 ng
RT: 7.454 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

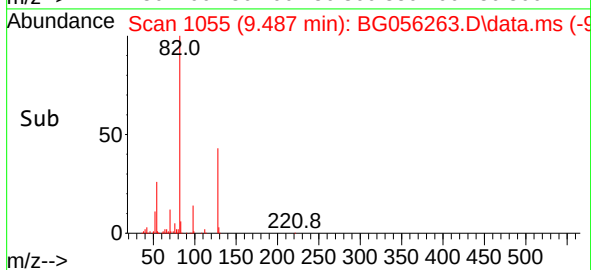
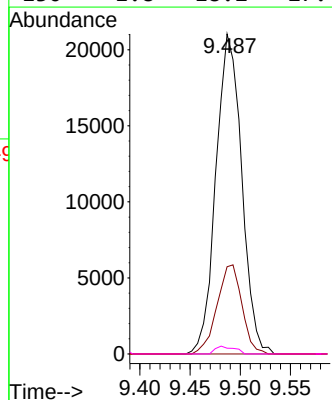
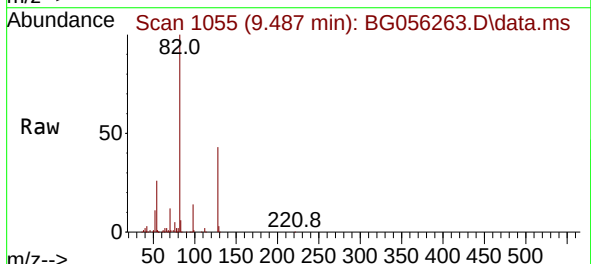
Instrument :
BNA_G
ClientSampleId :
PB150172BL

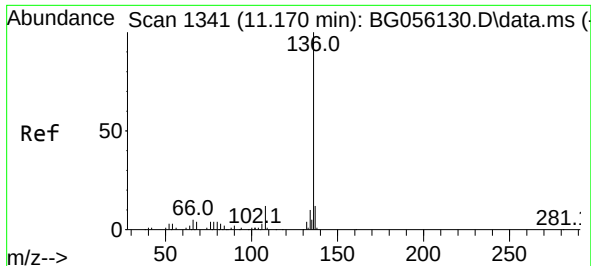
Tgt Ion: 99 Resp: 559536
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 30.4 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.430 ng
RT: 9.487 min Scan# 1055
Delta R.T. 0.371 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

Tgt Ion: 70 Resp: 37531
Ion Ratio Lower Upper
70 100
42 27.3 18.2 27.2#
101 0.0 8.3 12.5#
130 1.8 18.2 27.4#

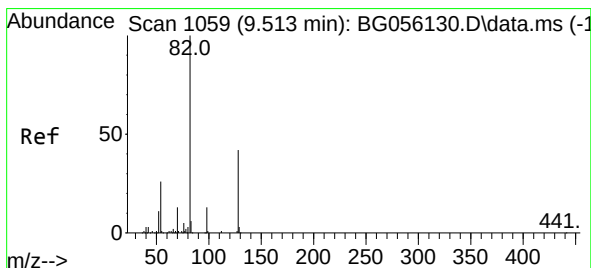
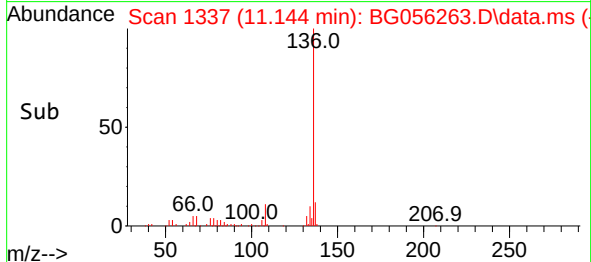
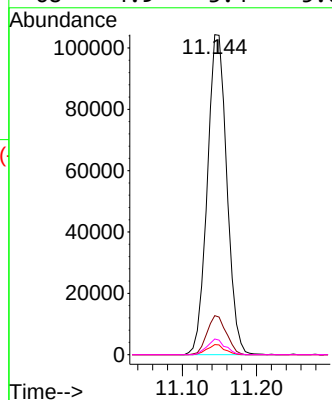
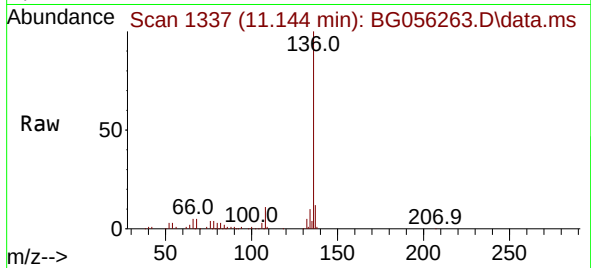




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.144 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

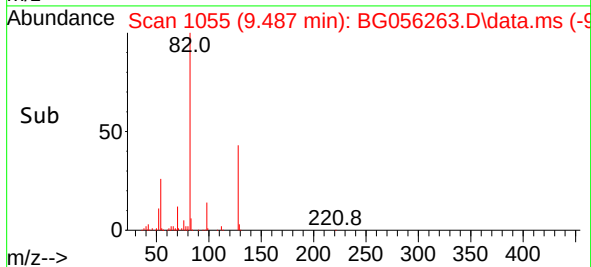
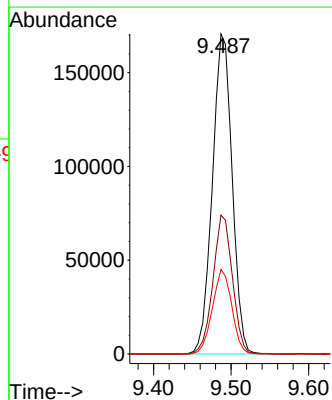
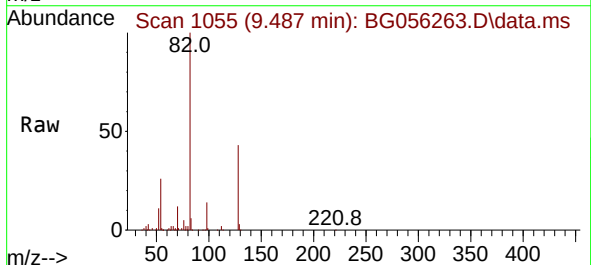
Instrument :
BNA_G
ClientSampleId :
PB150172BL

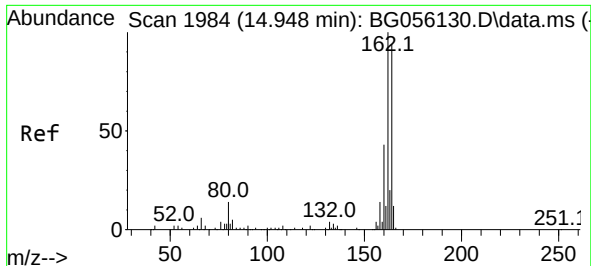
Tgt Ion:	136	Resp:	190996
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.4	14.0
54	3.1	2.2	3.2
68	4.9	3.4	5.0



#23
Nitrobenzene-d5
Concen: 80.917 ng
RT: 9.487 min Scan# 1055
Delta R.T. -0.005 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

Tgt Ion:	82	Resp:	302137
Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.4	50.2
54	26.4	20.3	30.5

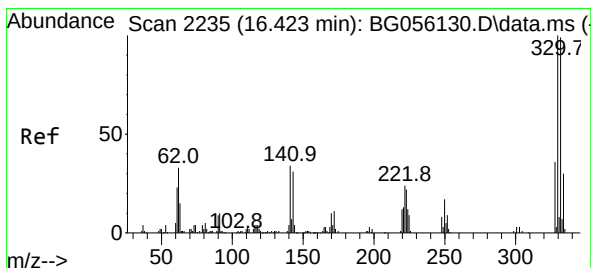
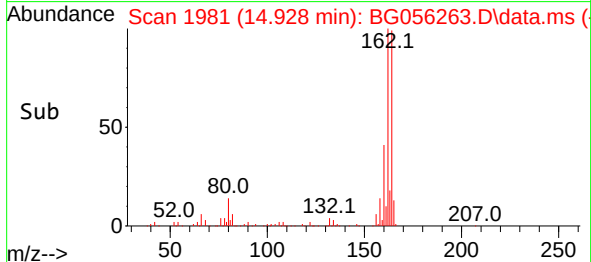
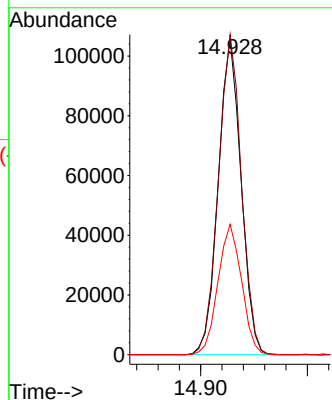
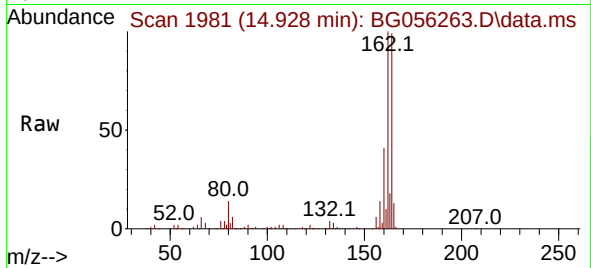




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.928 min Scan# 1984
Delta R.T. 0.001 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

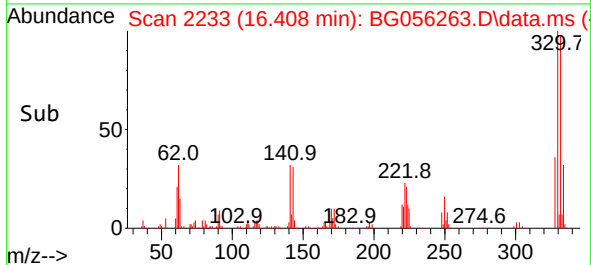
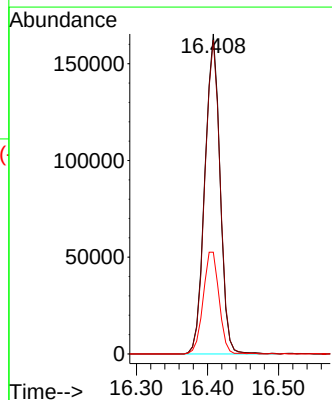
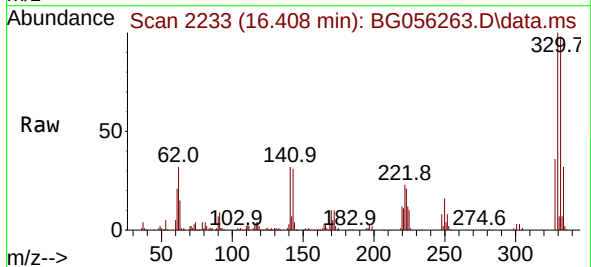
Instrument :
BNA_G
ClientSampleId :
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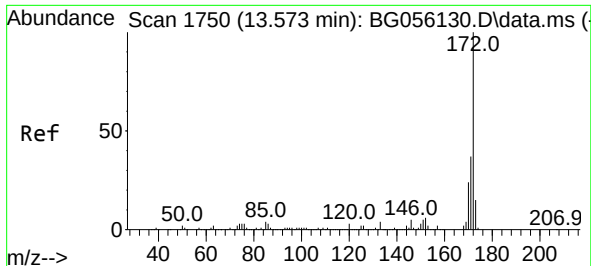
Tgt Ion:164 Resp: 156628
Ion Ratio Lower Upper
164 100
162 101.4 84.7 127.1
160 41.3 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 123.916 ng
RT: 16.408 min Scan# 2233
Delta R.T. 0.001 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

Tgt Ion:330 Resp: 245809
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 33.3 27.9 41.9

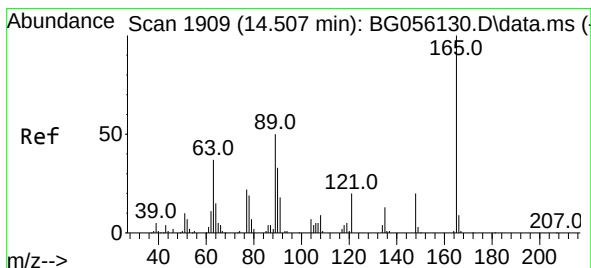
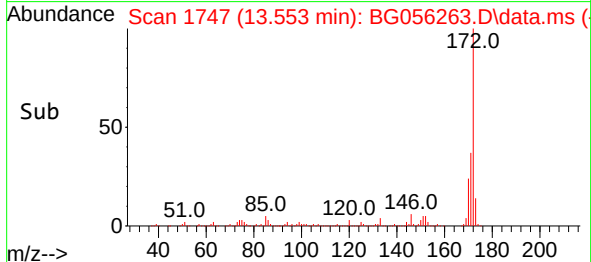
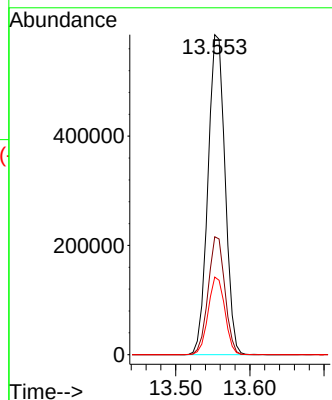
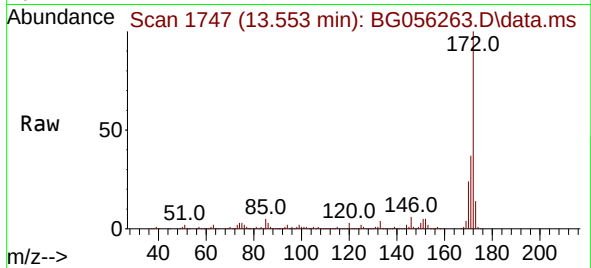




#45
2-Fluorobiphenyl
Concen: 82.604 ng
RT: 13.553 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

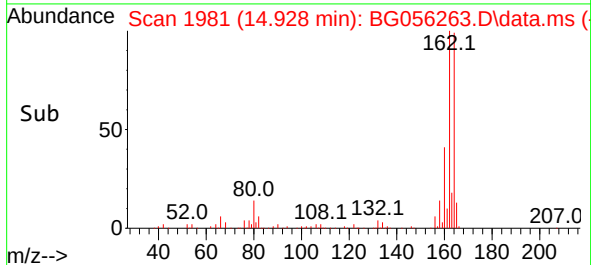
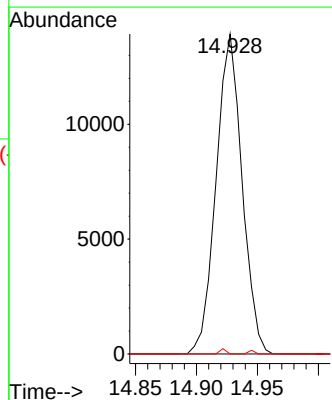
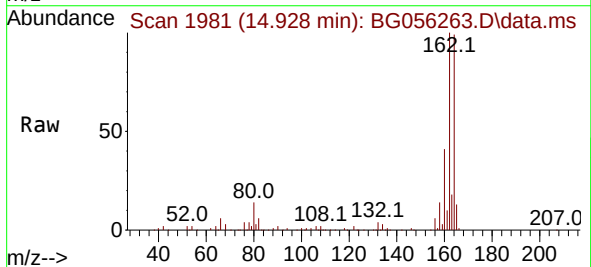
Instrument :
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ClientSampleId :
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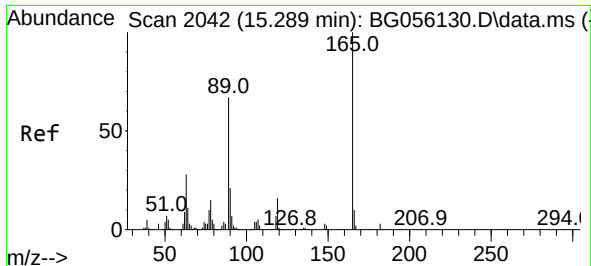
Tgt Ion:172 Resp: 936934
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.2 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.662 ng
RT: 14.928 min Scan# 1981
Delta R.T. 0.436 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

Tgt Ion:165 Resp: 20642
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.478 ng

RT: 14.928 min Scan# 1981

Delta R.T. -0.346 min

Lab File: BG056263.D

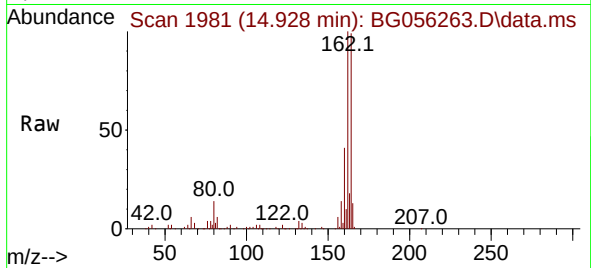
Acq: 12 Jan 2023 10:55

Instrument :

BNA_G

ClientSampleId :

PB150172BL



Tgt Ion:165 Resp: 20642

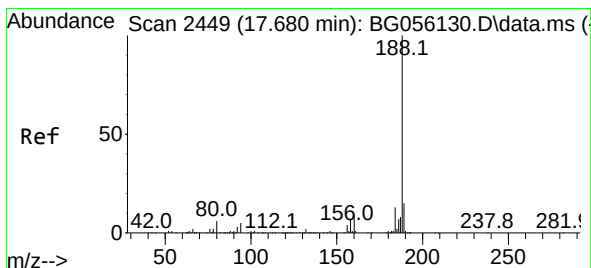
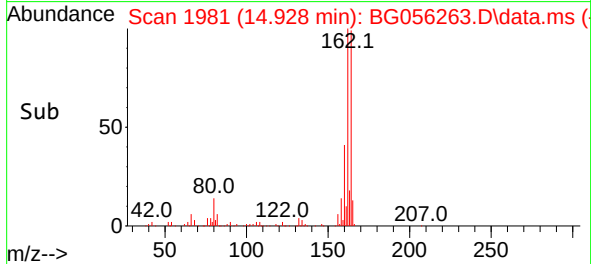
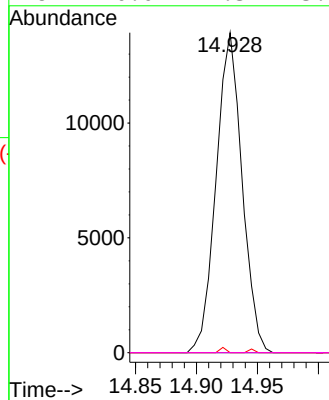
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 0.0 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.665 min Scan# 2447

Delta R.T. 0.001 min

Lab File: BG056263.D

Acq: 12 Jan 2023 10:55

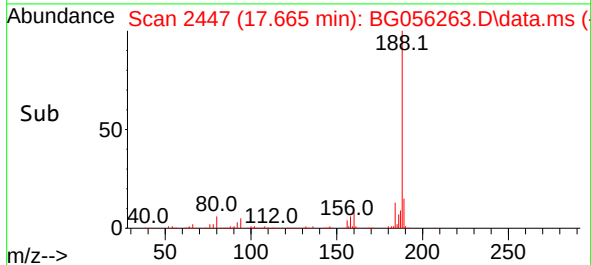
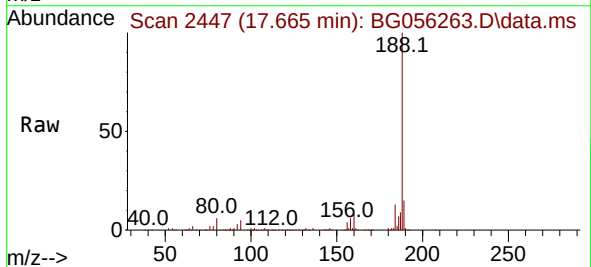
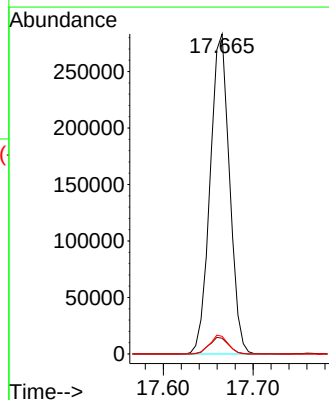
Tgt Ion:188 Resp: 424996

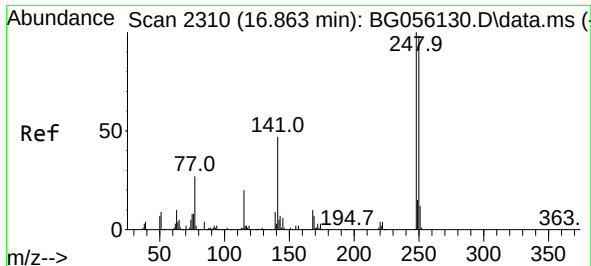
Ion Ratio Lower Upper

188 100

94 4.9 4.2 6.2

80 5.5 5.0 7.4

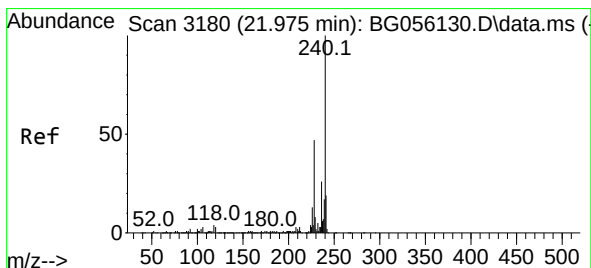
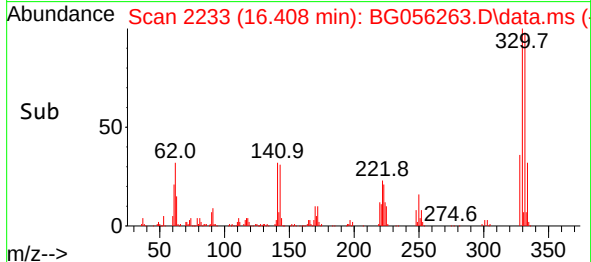
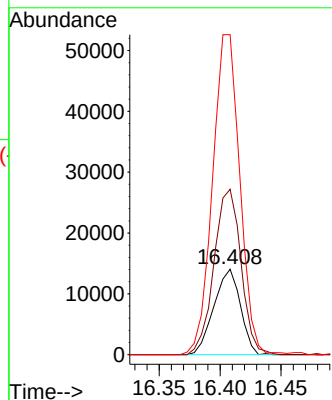
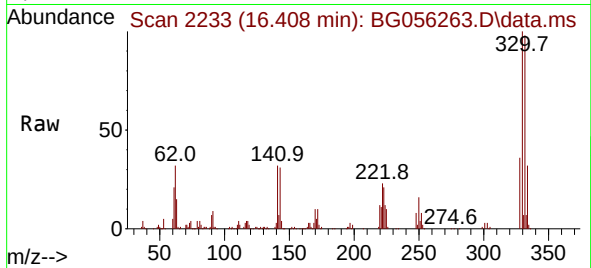




#67
4-Bromophenyl-phenylether
Concen: 3.929 ng
RT: 16.408 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

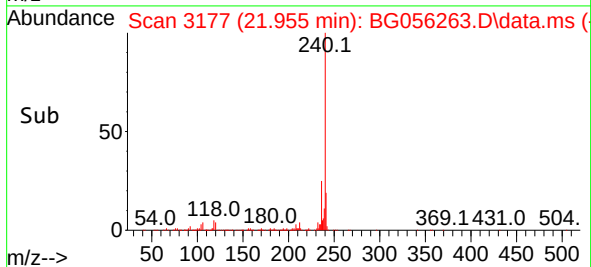
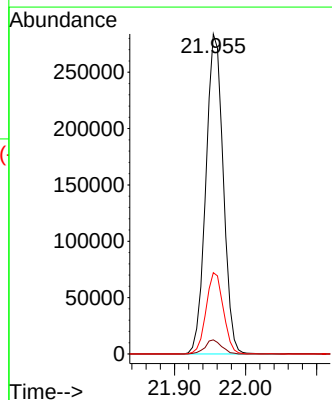
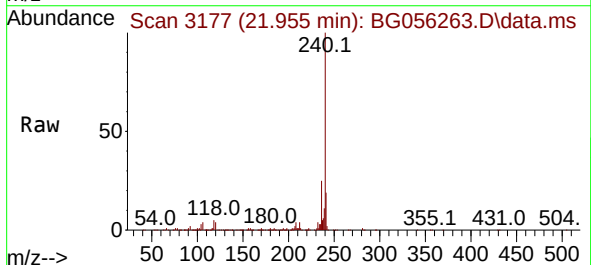
Instrument :
BNA_G
ClientSampleId :
PB150172BL

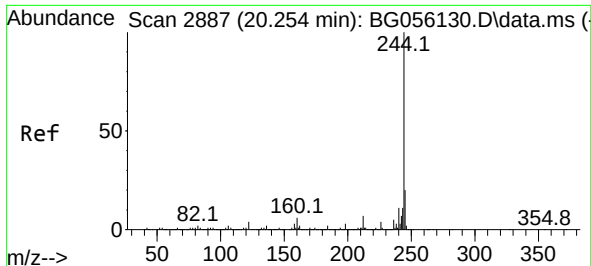
Tgt Ion:248 Resp: 21261
Ion Ratio Lower Upper
248 100
250 193.6 78.2 117.4#
141 374.2 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.955 min Scan# 3177
Delta R.T. -0.005 min
Lab File: BG056263.D
Acq: 12 Jan 2023 10:55

Tgt Ion:240 Resp: 482198
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.4 20.8 31.2

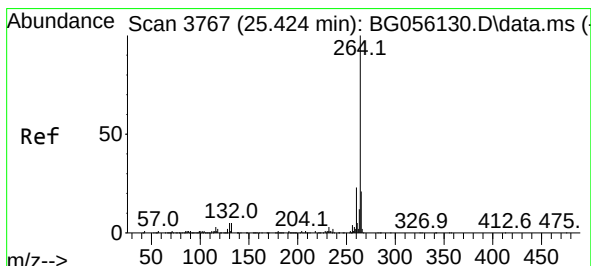
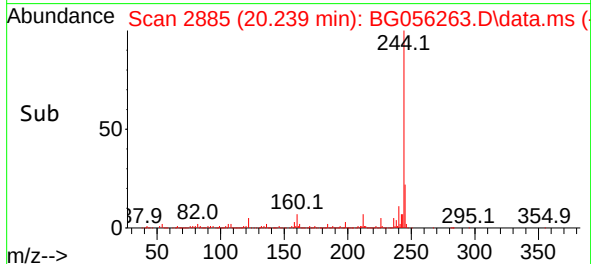
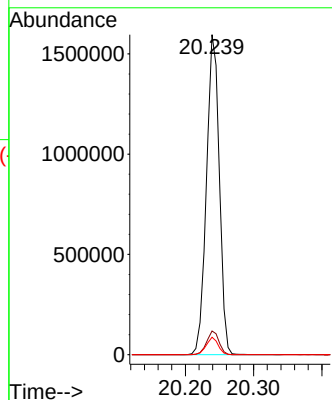
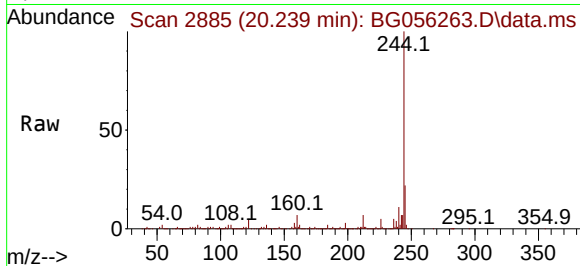




#79
 Terphenyl-d14
 Concen: 77.625 ng
 RT: 20.239 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056263.D
 Acq: 12 Jan 2023 10:55

Instrument :
 BNA_G
 ClientSampleId :
 PB150172BL

Tgt Ion:244 Resp: 2089857
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 5.5 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.403 min Scan# 3764
 Delta R.T. 0.001 min
 Lab File: BG056263.D
 Acq: 12 Jan 2023 10:55

Tgt Ion:264 Resp: 467734
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 22.3 16.7 25.1

