

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056336.D
 Acq On : 18 Jan 2023 20:10
 Operator : CG/JU
 Sample : 01175-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YARD-2

Quant Time: Jan 19 00:34:11 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 19 00:31:30 2023
 Response via : Initial Calibration

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

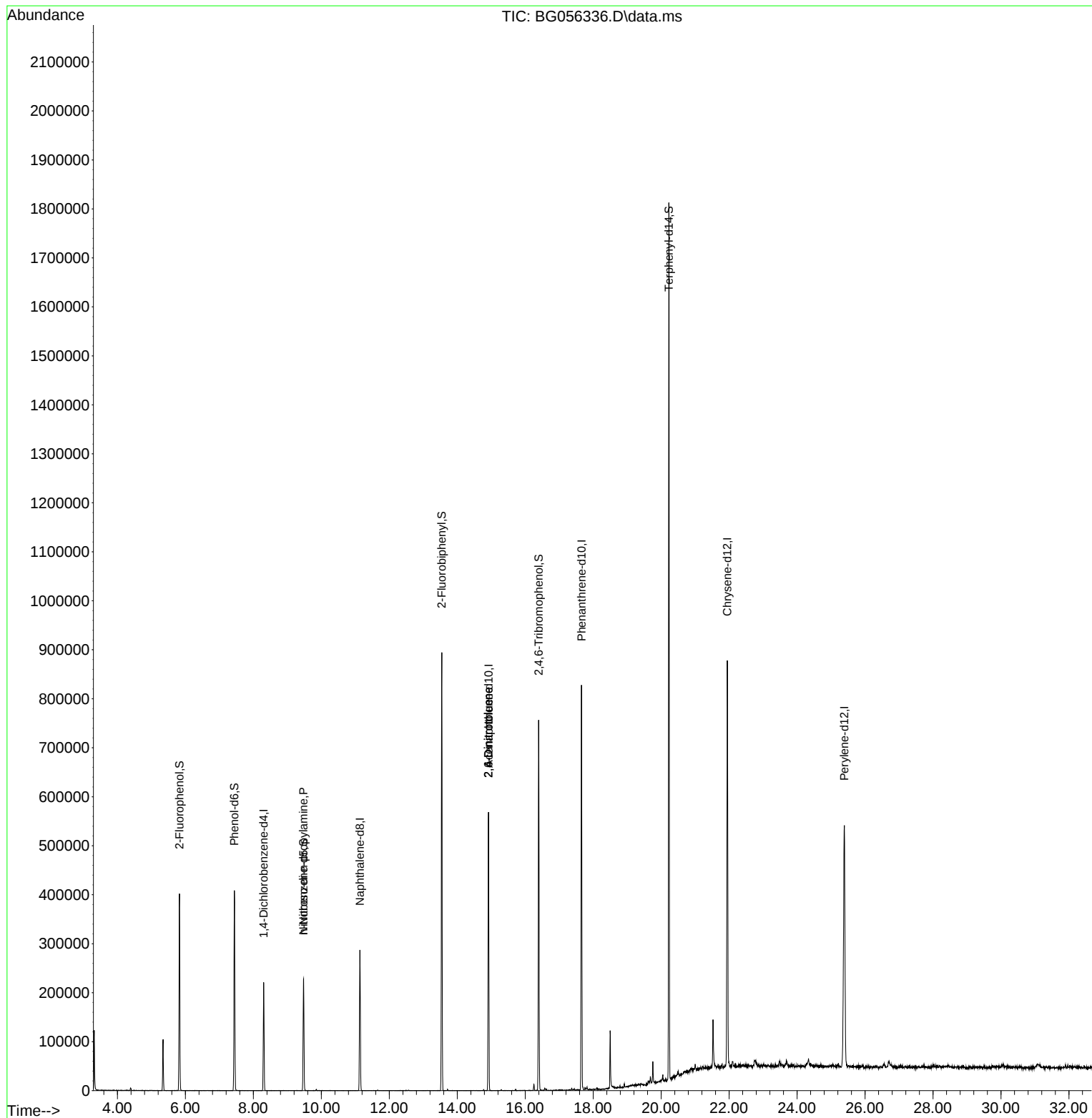
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	69756	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	267633	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	220885	20.000	ng	0.00
64) Phenanthrene-d10	17.659	188	589974	20.000	ng	0.00
76) Chrysene-d12	21.948	240	568644	20.000	ng	# 0.00
86) Perylene-d12	25.391	264	608623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	221938	56.808	ng	0.00
7) Phenol-d6	7.442	99	313098	52.185	ng	0.00
23) Nitrobenzene-d5	9.475	82	167225	31.961	ng	-0.01
42) 2,4,6-Tribromophenol	16.396	330	156420	55.915	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	507593	31.733	ng	0.00
79) Terphenyl-d14	20.227	244	1028188	32.385	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.475	70	20457	5.607	ng	# 72
51) 2,6-Dinitrotoluene	14.915	165	29052	7.646	ng	# 32
57) 2,4-Dinitrotoluene	14.915	165	29052	5.467	ng	# 29

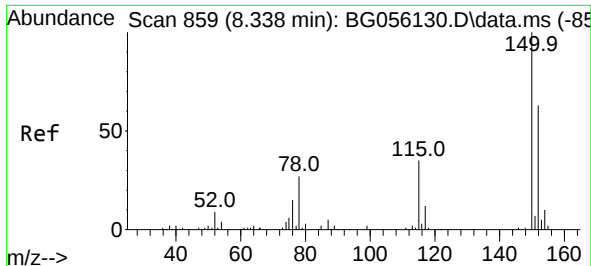
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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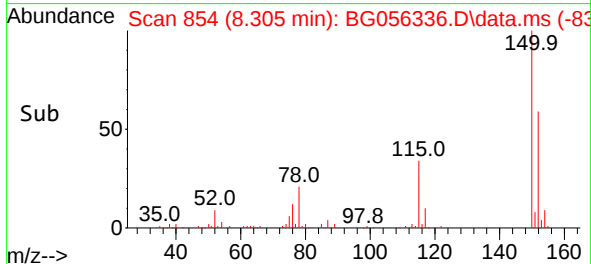
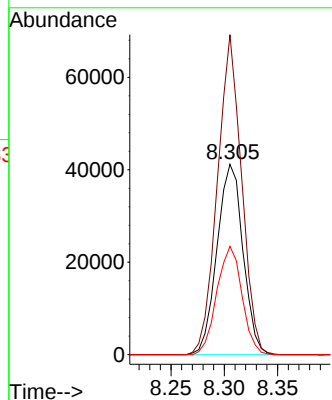
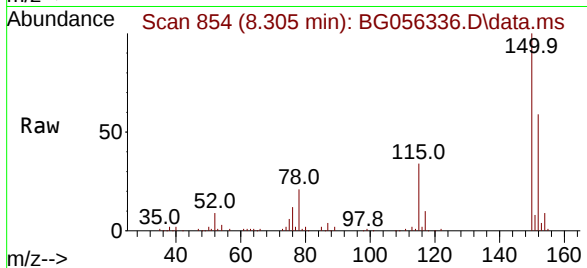




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

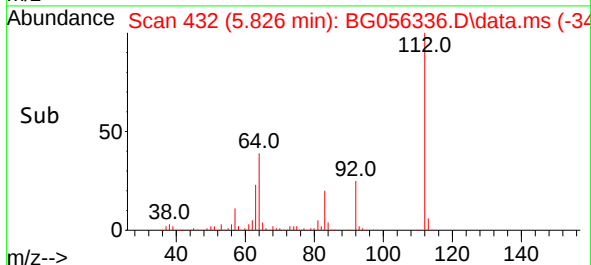
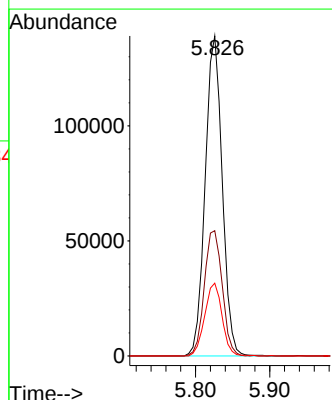
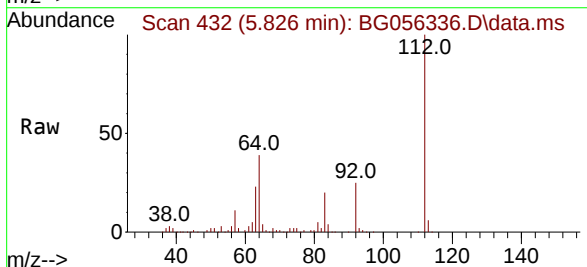
Instrument :
BNA_G
ClientSampleId :
YARD-2

Tgt Ion:152 Resp: 69756
Ion Ratio Lower Upper
152 100
150 168.1 127.9 191.9
115 56.9 44.2 66.2



#5
2-Fluorophenol
Concen: 56.808 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

Tgt Ion:112 Resp: 221938
Ion Ratio Lower Upper
112 100
64 39.2 33.3 49.9
63 22.8 19.0 28.4

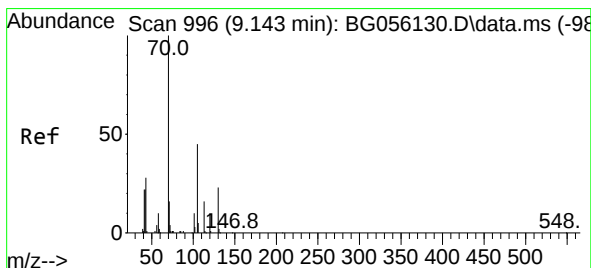
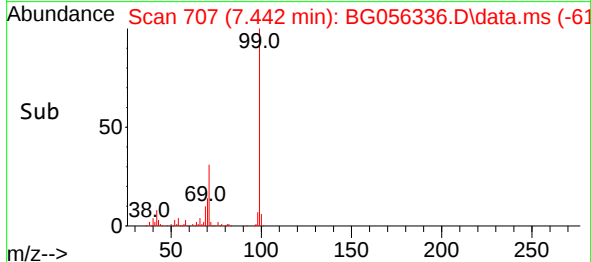
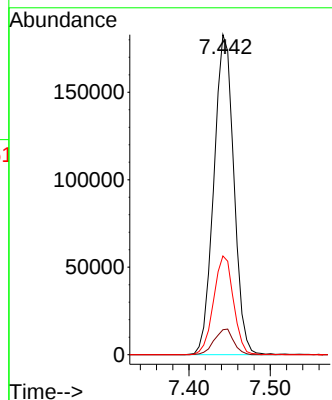
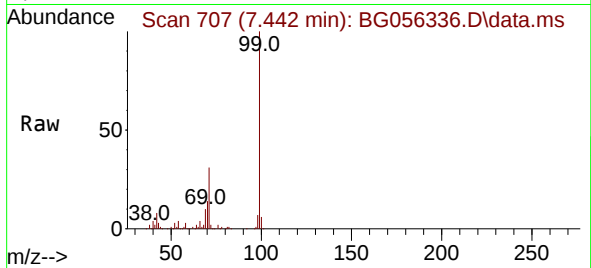




#7
Phenol-d6
Concen: 52.185 ng
RT: 7.442 min Scan# 711
Delta R.T. -0.006 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

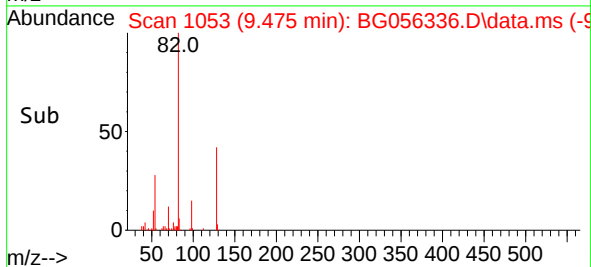
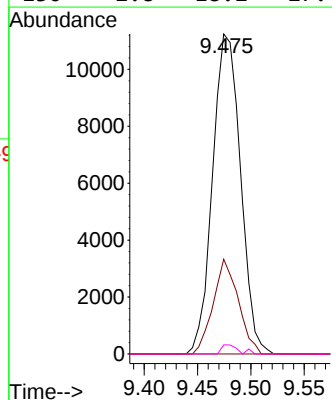
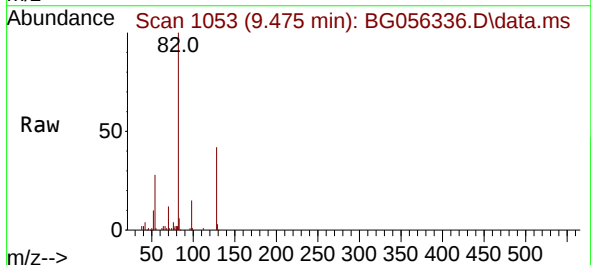
Instrument :
BNA_G
ClientSampleId :
YARD-2

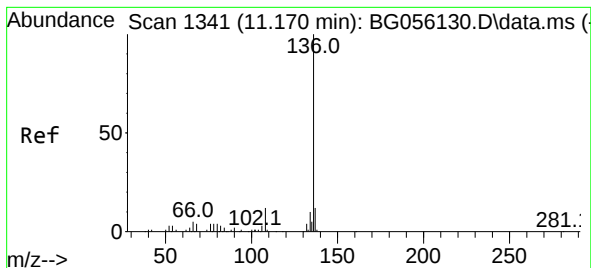
Tgt Ion: 99 Resp: 313098
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 30.9 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 5.607 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.364 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

Tgt Ion: 70 Resp: 20457
Ion Ratio Lower Upper
70 100
42 29.6 18.2 27.2#
101 0.0 8.3 12.5#
130 2.8 18.2 27.4#

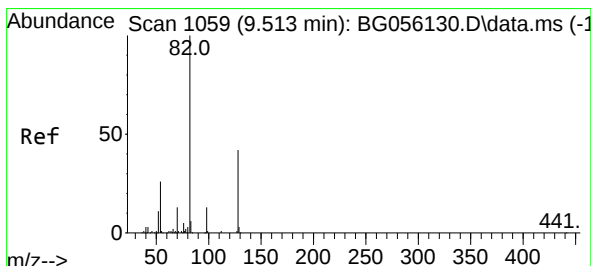
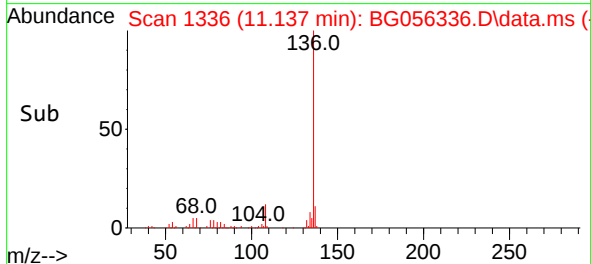
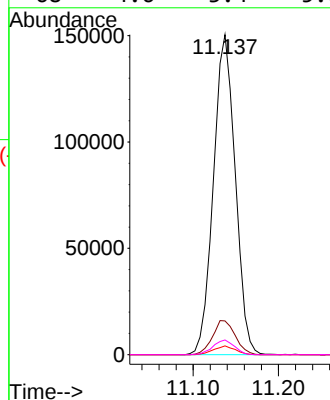
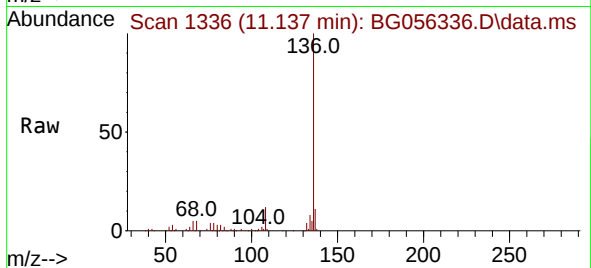




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

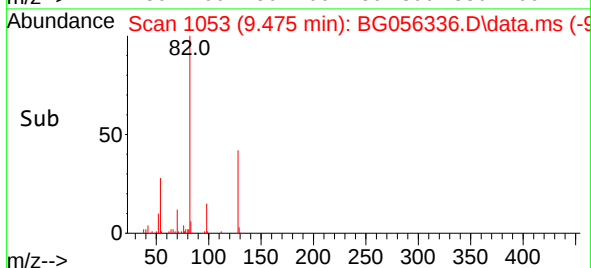
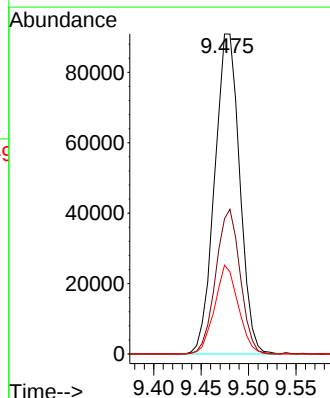
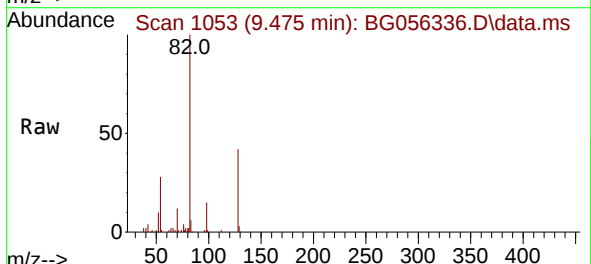
Instrument :
BNA_G
ClientSampleId :
YARD-2

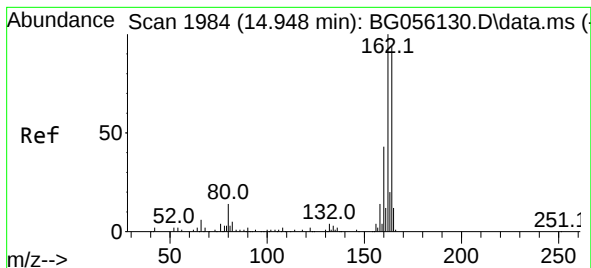
Tgt Ion:	136	Resp:	267633
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.0
54	2.8	2.2	3.2
68	4.6	3.4	5.0



#23
Nitrobenzene-d5
Concen: 31.961 ng
RT: 9.475 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

Tgt Ion:	82	Resp:	167225
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.2
54	27.8	20.3	30.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.921 min Scan# 1980

Delta R.T. -0.001 min

Lab File: BG056336.D

Acq: 18 Jan 2023 20:10

Instrument :

BNA_G

ClientSampleId :

YARD-2

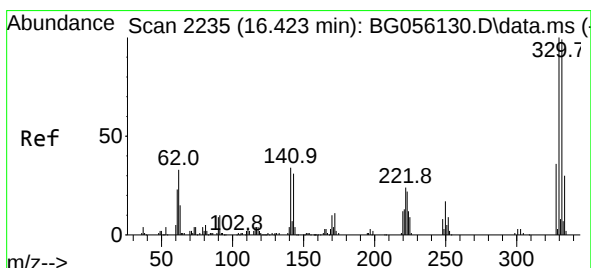
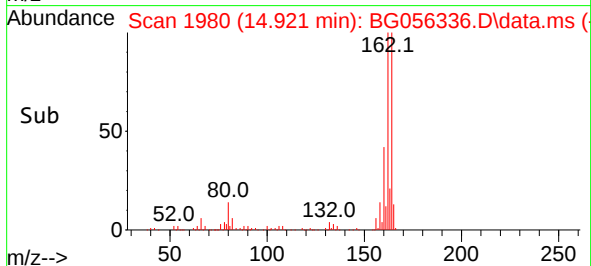
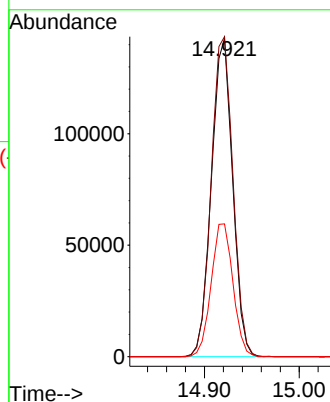
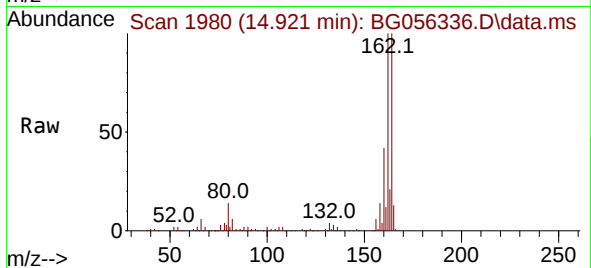
Tgt Ion:164 Resp: 220885

Ion Ratio Lower Upper

164 100

162 100.5 84.7 127.1

160 41.7 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 55.915 ng

RT: 16.396 min Scan# 2231

Delta R.T. -0.006 min

Lab File: BG056336.D

Acq: 18 Jan 2023 20:10

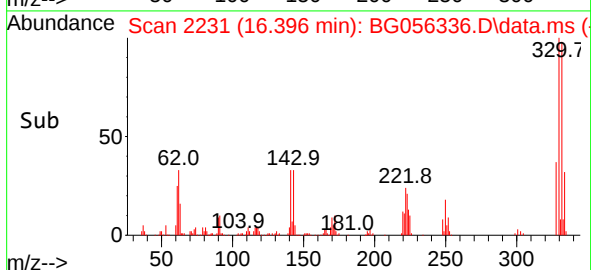
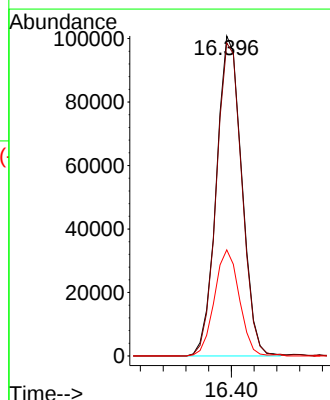
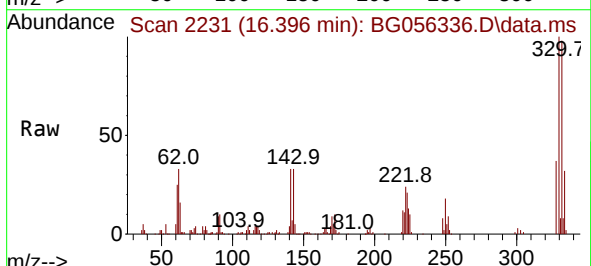
Tgt Ion:330 Resp: 156420

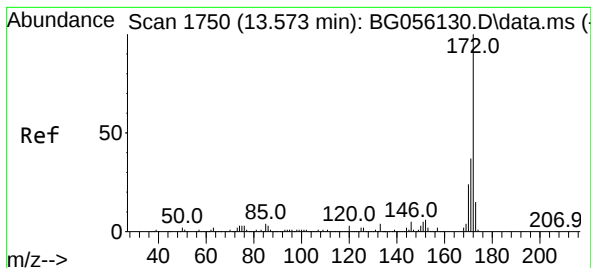
Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

141 32.5 27.9 41.9

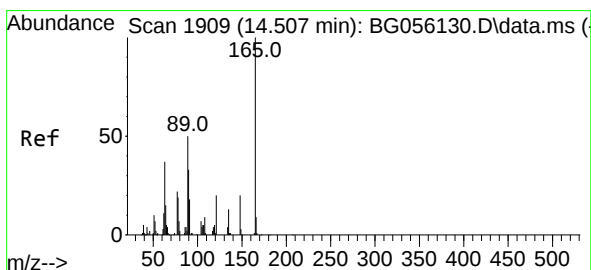
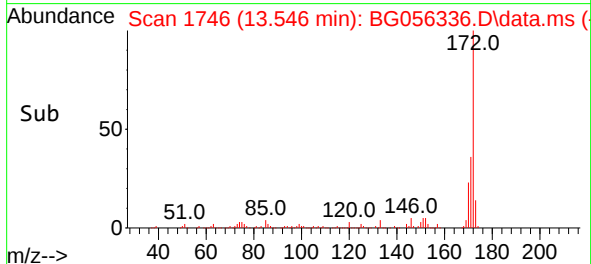
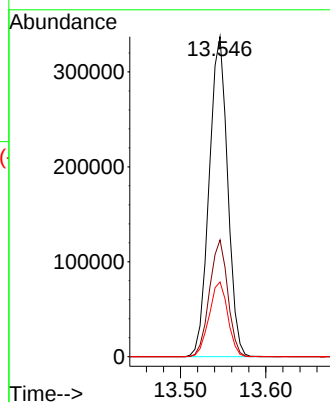
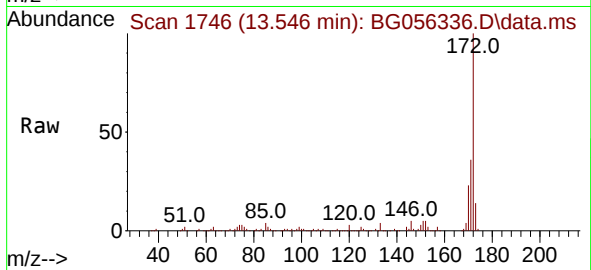




#45
2-Fluorobiphenyl
Concen: 31.733 ng
RT: 13.546 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

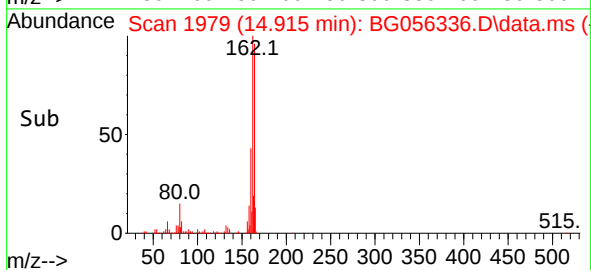
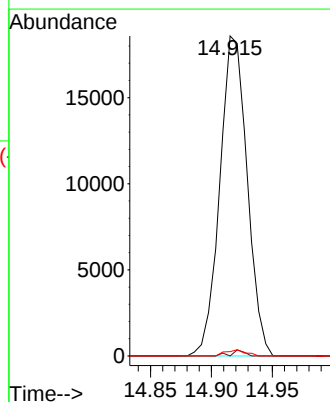
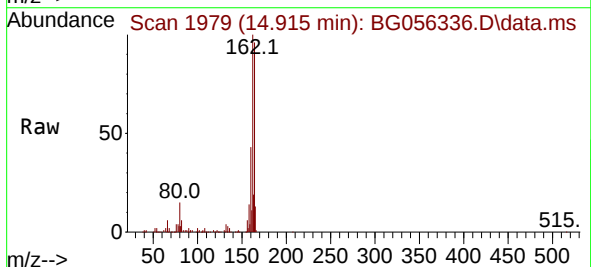
Instrument :
BNA_G
ClientSampleId :
YARD-2

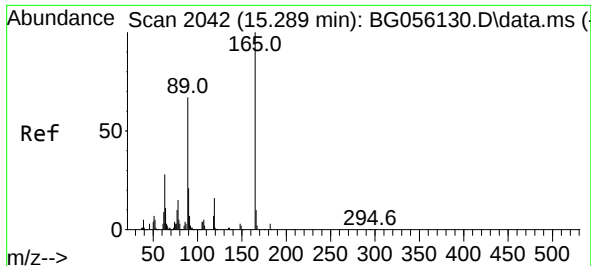
Tgt Ion:172 Resp: 507593
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.4 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.646 ng
RT: 14.915 min Scan# 1979
Delta R.T. 0.428 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

Tgt Ion:165 Resp: 29052
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.4 39.8 59.8#

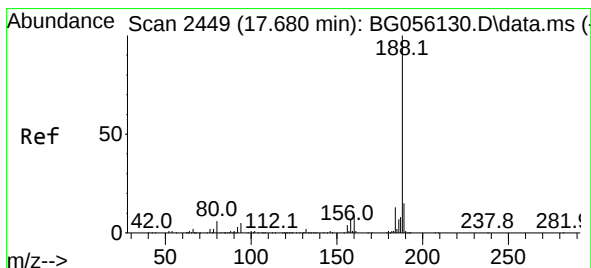
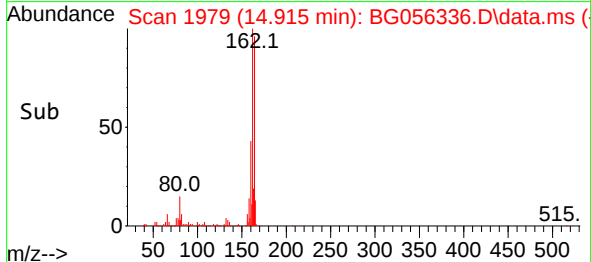
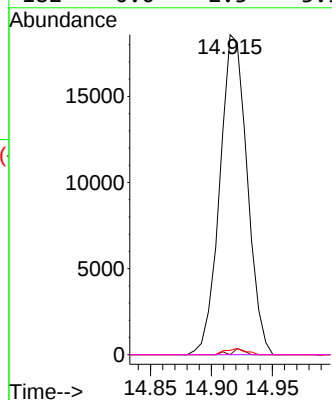
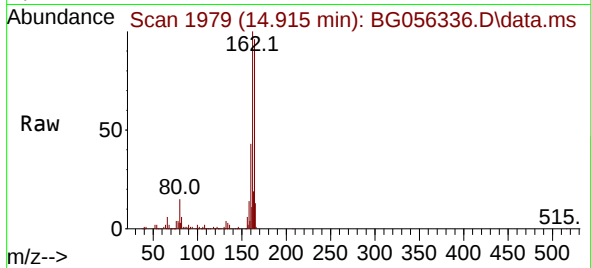




#57
2,4-Dinitrotoluene
Concen: 5.467 ng
RT: 14.915 min Scan# 1979
Delta R.T. -0.359 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

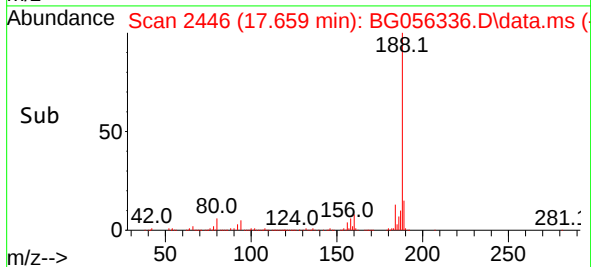
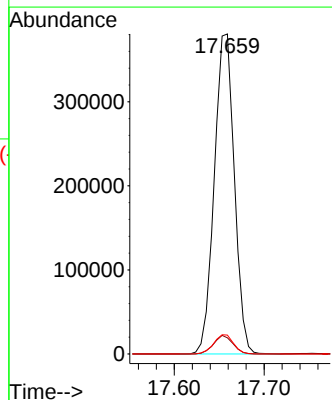
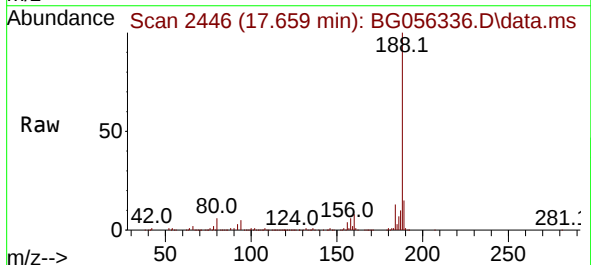
Instrument :
BNA_G
ClientSampleId :
YARD-2

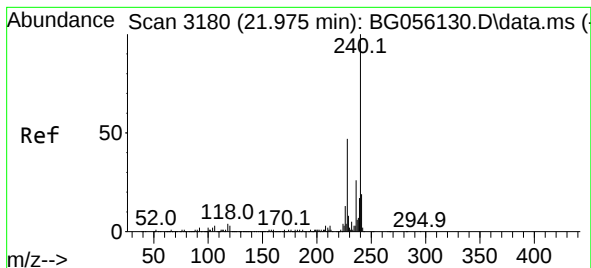
Tgt Ion:165 Resp: 29052
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.4 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

Tgt Ion:188 Resp: 589974
Ion Ratio Lower Upper
188 100
94 5.1 4.2 6.2
80 5.9 5.0 7.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.948 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BG056336.D

Acq: 18 Jan 2023 20:10

Instrument :

BNA_G

ClientSampleId :

YARD-2

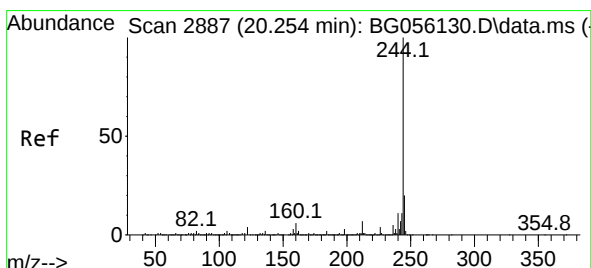
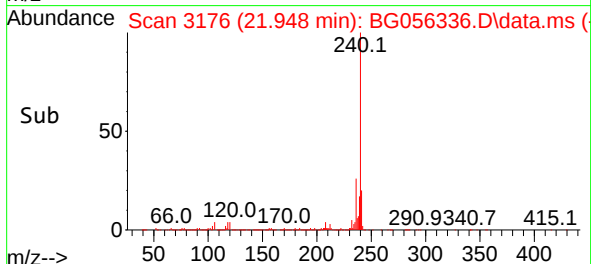
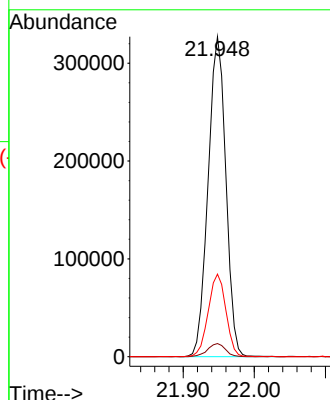
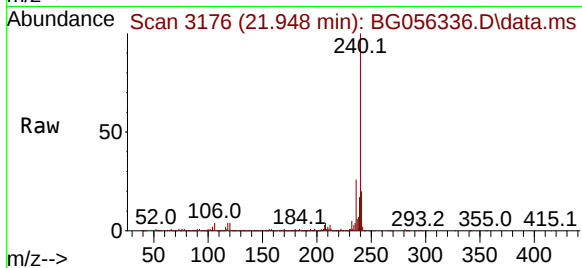
Tgt Ion:240 Resp: 568644

Ion Ratio Lower Upper

240 100

120 4.1 2.6 4.0#

236 25.8 20.8 31.2



#79

Terphenyl-d14

Concen: 32.385 ng

RT: 20.227 min Scan# 2883

Delta R.T. -0.006 min

Lab File: BG056336.D

Acq: 18 Jan 2023 20:10

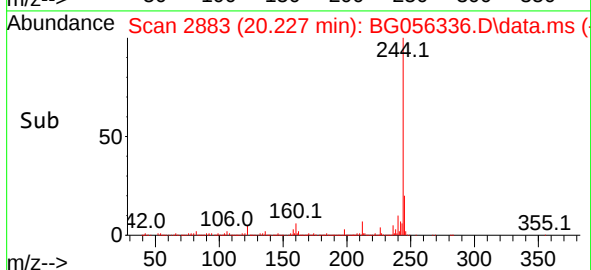
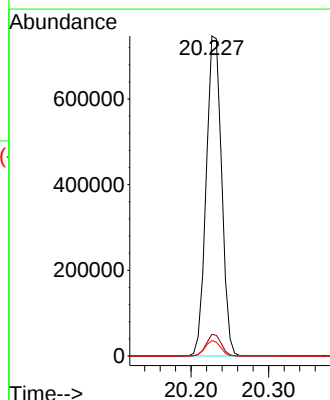
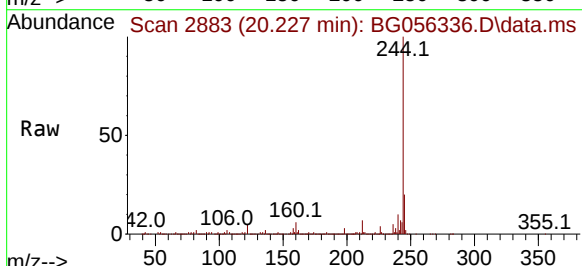
Tgt Ion:244 Resp: 1028188

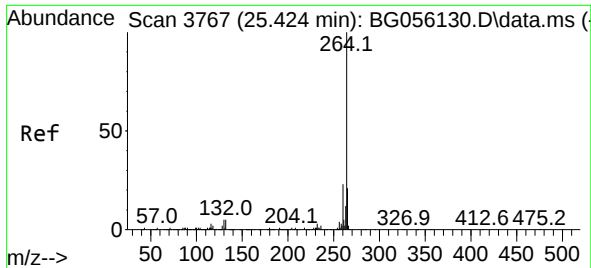
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 4.8 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.391 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

Instrument :
BNA_G
ClientSampleId :
YARD-2

Tgt Ion:264 Resp: 608623

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	28.0
265	20.7	16.7	25.1

