

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

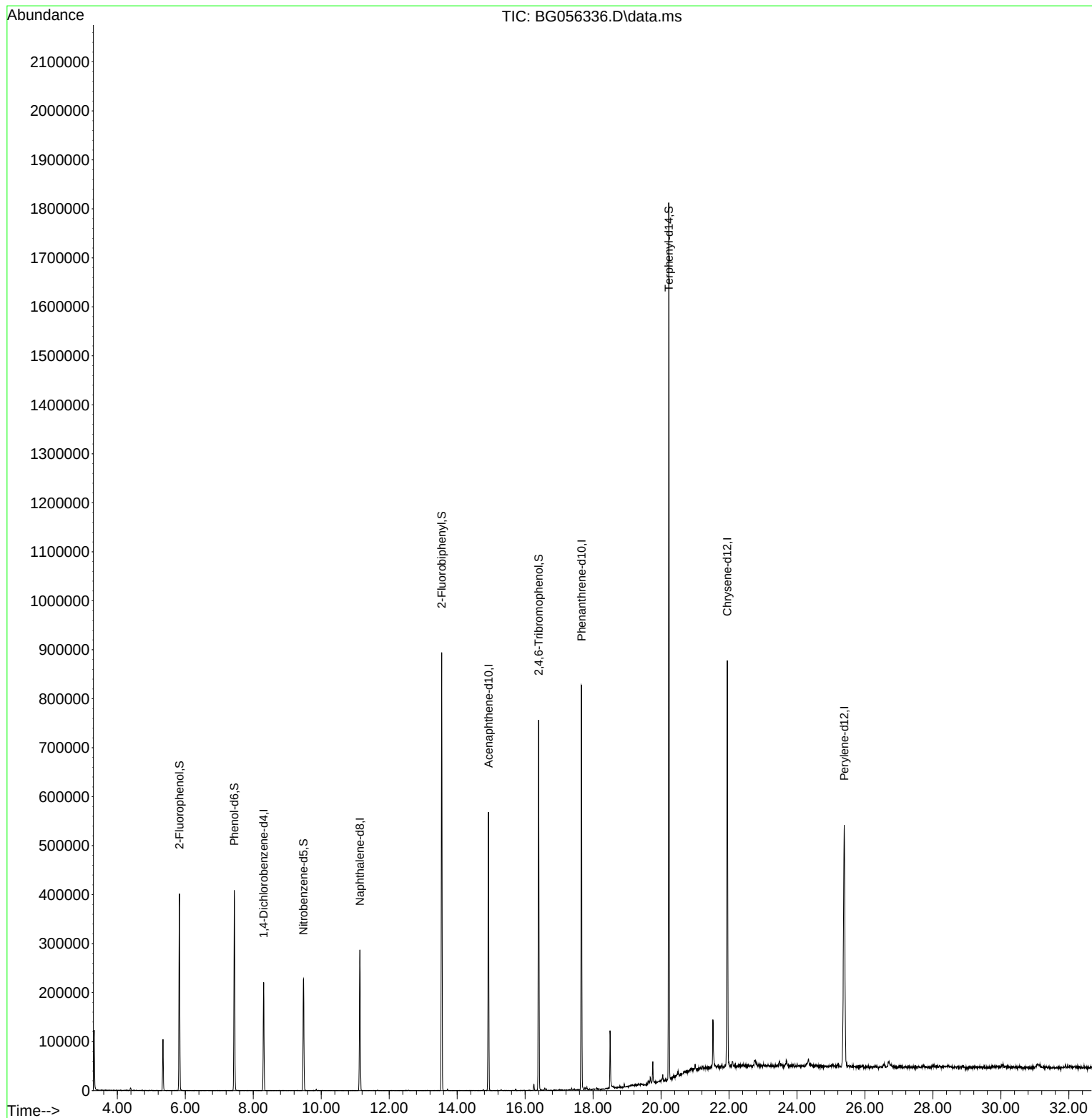
Target Compounds Qvalue

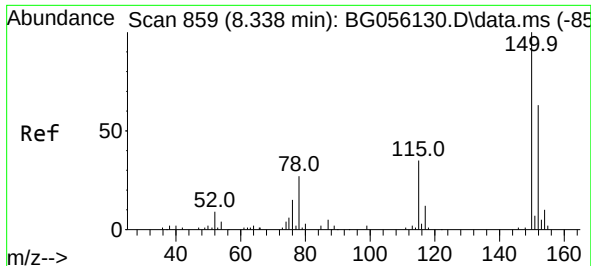
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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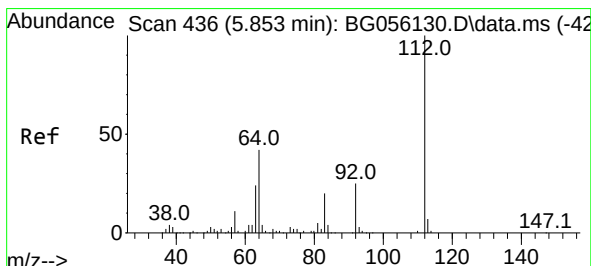
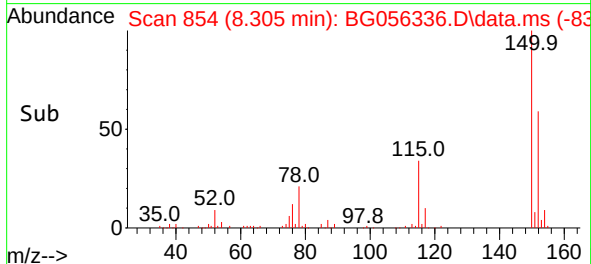
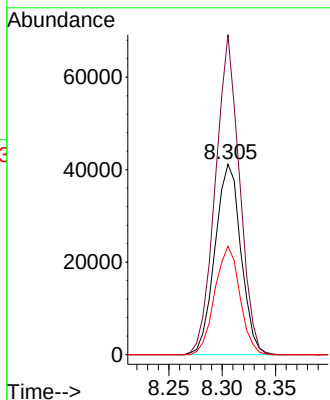
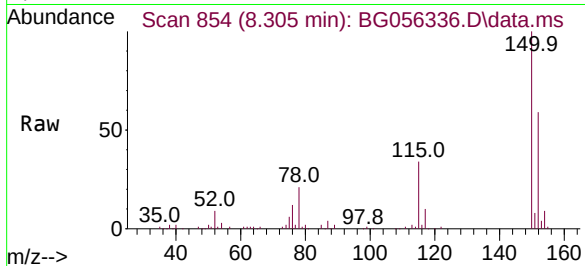




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

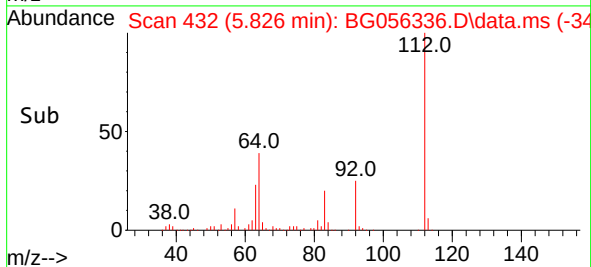
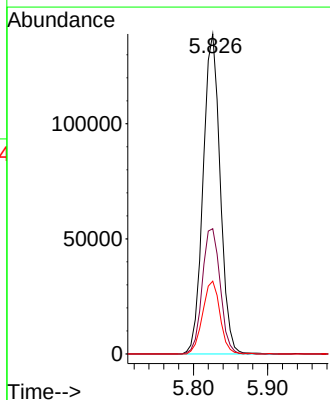
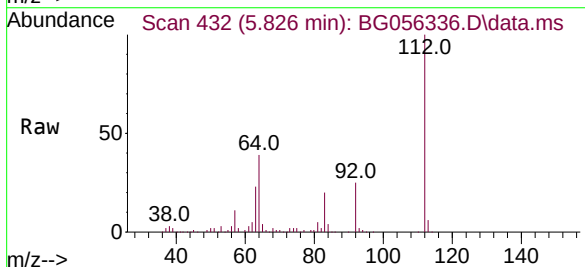
Instrument :
BNA_G
ClientSampleId :
YARD-2

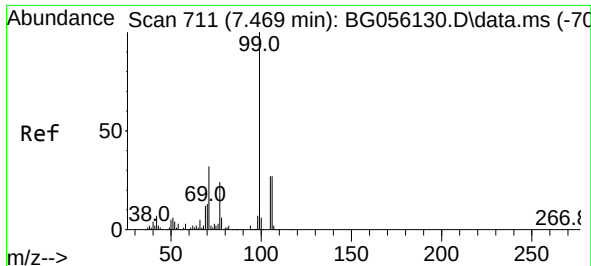
Tgt Ion:152 Resp: 69756
Ion Ratio Lower Upper
152 100
150 168.1 127.9 191.9
115 56.9 44.2 66.2



#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

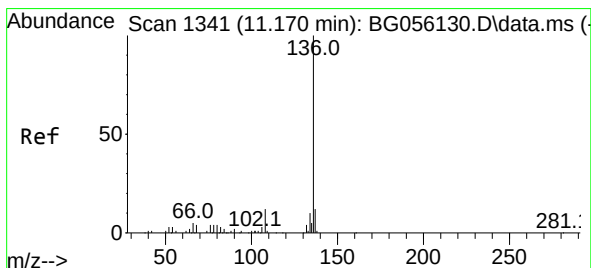
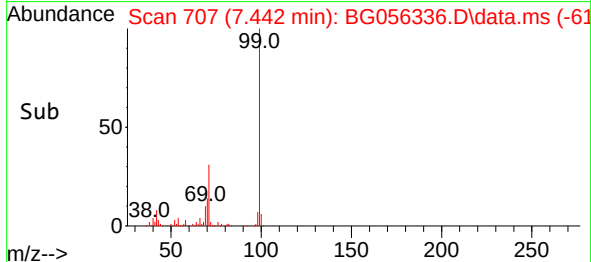
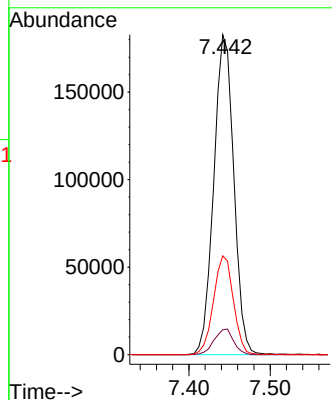
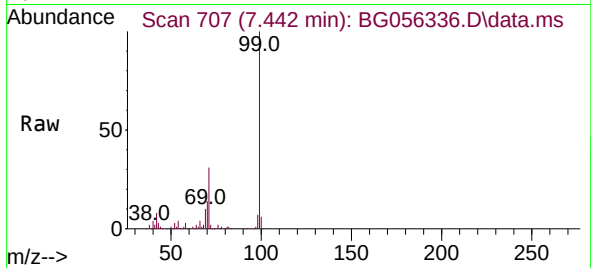




#7
Phenol-d6
Concen: 52.185 ng
RT: 7.442 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

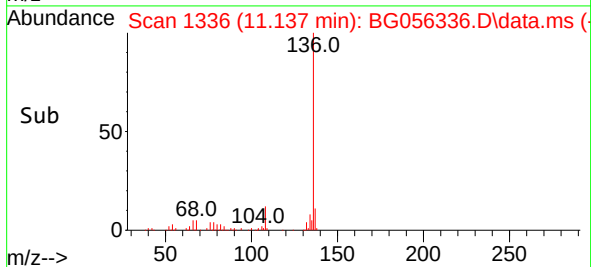
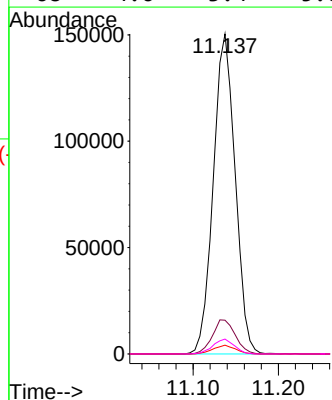
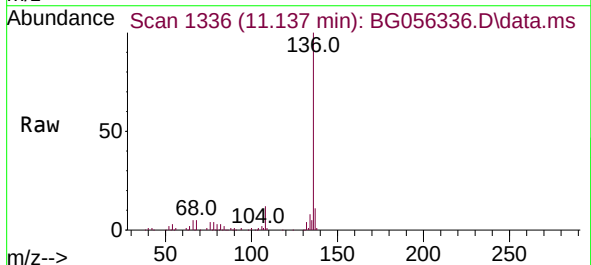
Instrument :
BNA_G
ClientSampleId :
YARD-2

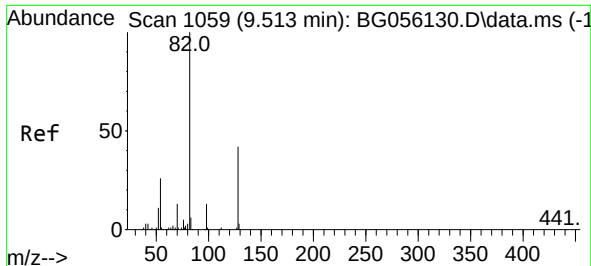
Tgt Ion: 99 Resp: 313098
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 30.9 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

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

Instrument :

BNA_G

ClientSampleId :

YARD-2

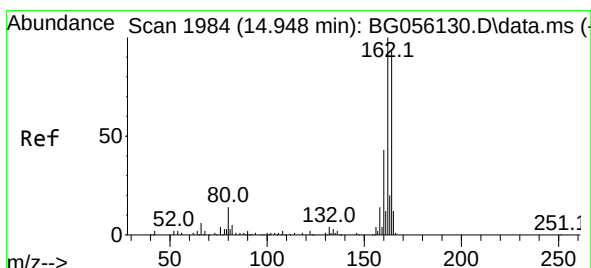
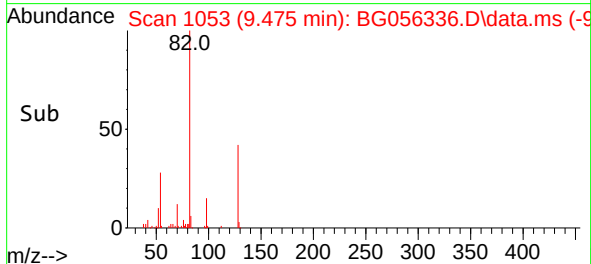
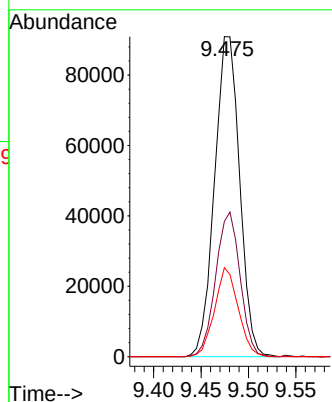
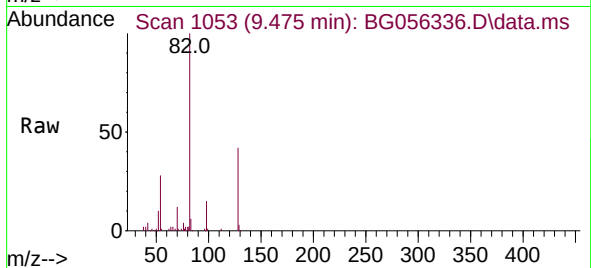
Tgt Ion: 82 Resp: 167225

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

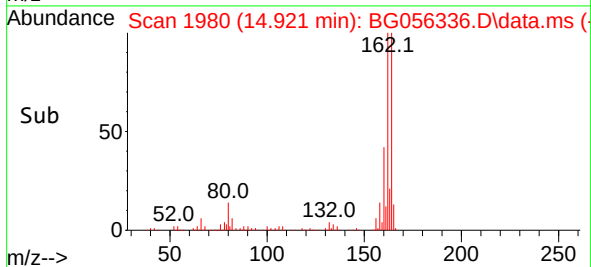
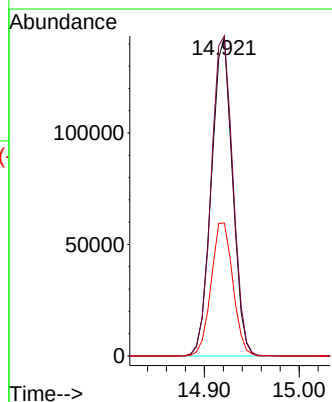
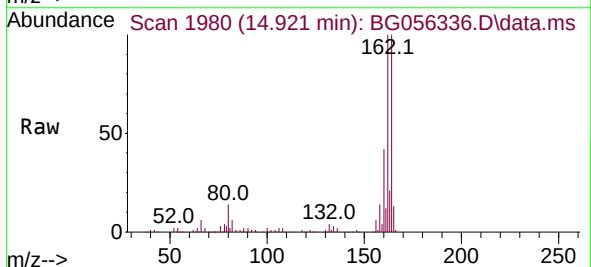
Tgt Ion:164 Resp: 220885

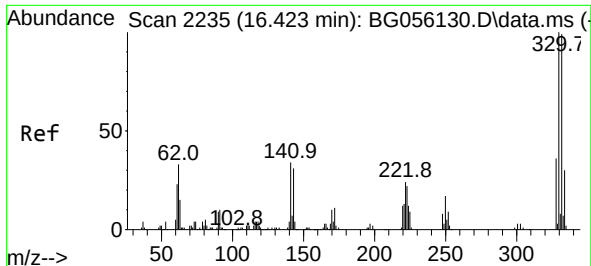
Ion Ratio Lower Upper

164 100

162 100.5 84.7 127.1

160 41.7 36.3 54.5

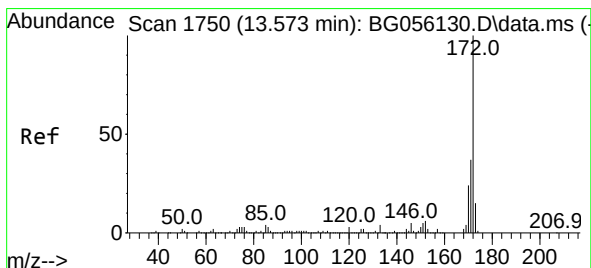
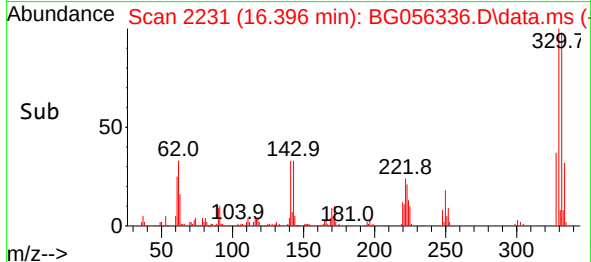
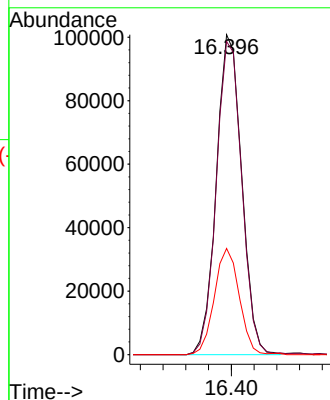
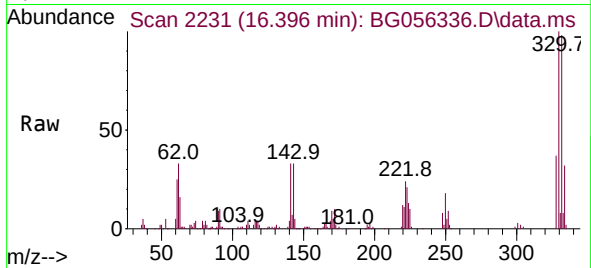




#42
 2,4,6-Tribromophenol
 Concen: 55.915 ng
 RT: 16.396 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056336.D
 Acq: 18 Jan 2023 20:10

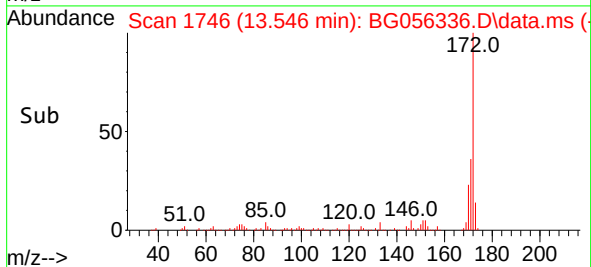
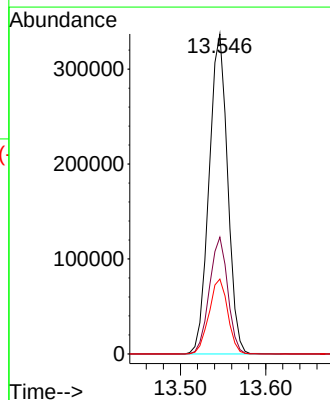
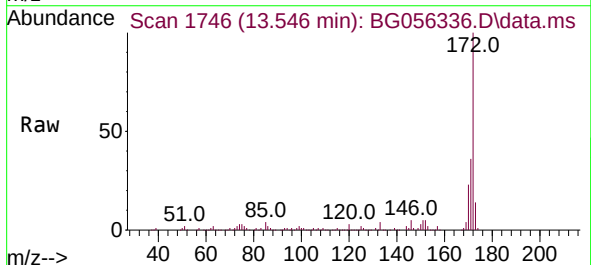
Instrument :
 BNA_G
 ClientSampleId :
 YARD-2

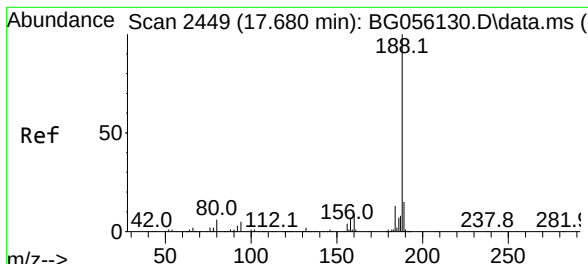
Tgt Ion:330 Resp: 156420
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.3 115.9
 141 32.5 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 31.733 ng
 RT: 13.546 min Scan# 1746
 Delta R.T. -0.001 min
 Lab File: BG056336.D
 Acq: 18 Jan 2023 20:10

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

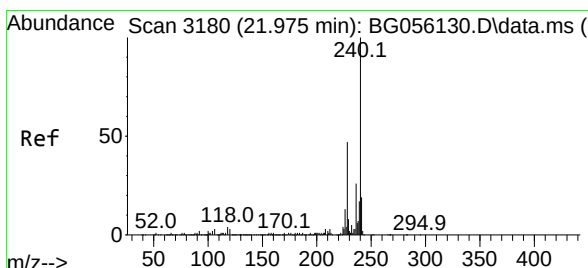
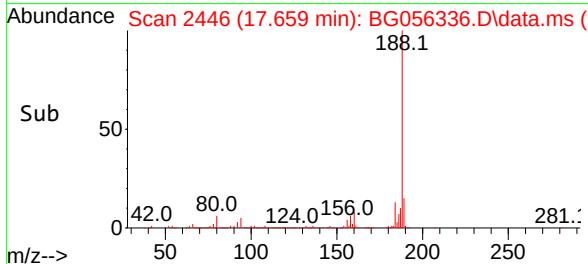
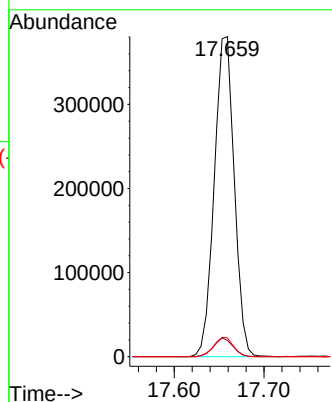
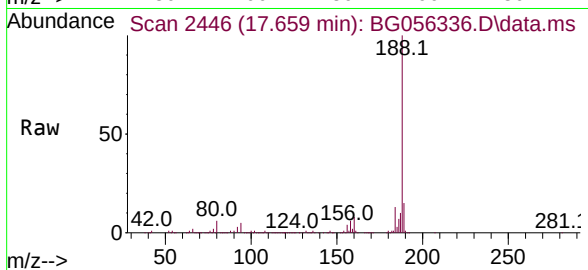




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.001 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

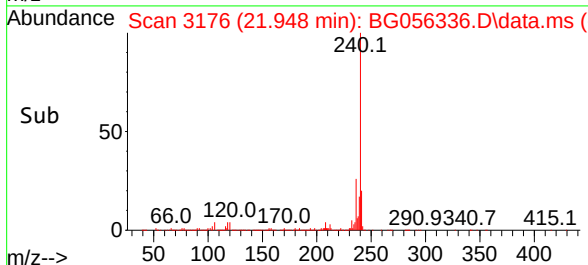
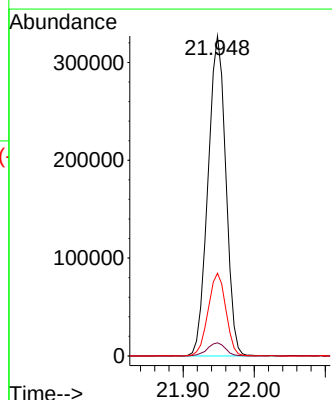
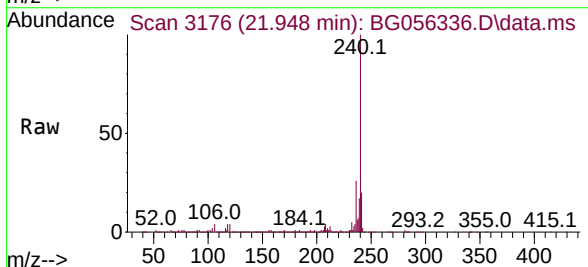
Instrument :
BNA_G
ClientSampleId :
YARD-2

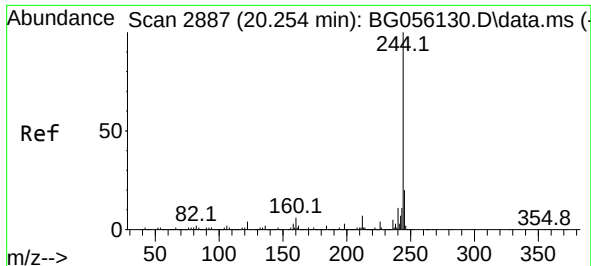
Tgt Ion:188	Resp: 589974
Ion Ratio	Lower Upper
188 100	
94 5.1	4.2 6.2
80 5.9	5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG056336.D
Acq: 18 Jan 2023 20:10

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

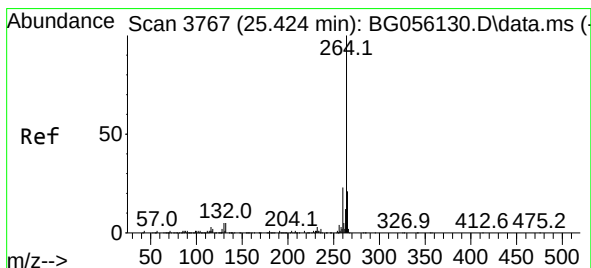
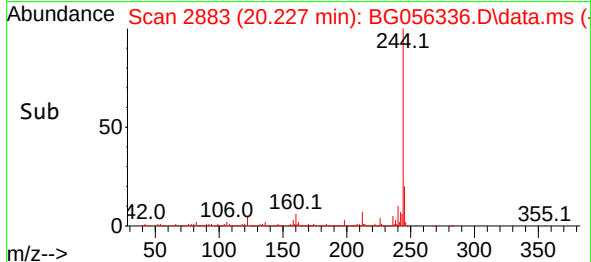
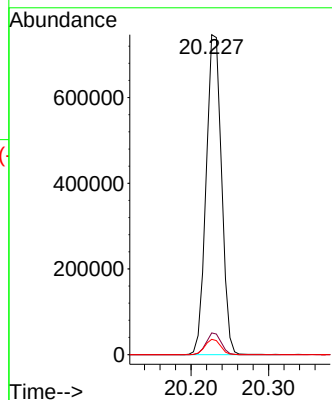
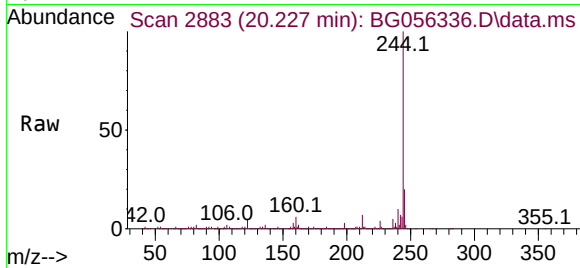




#79
 Terphenyl-d14
 Concen: 32.385 ng
 RT: 20.227 min Scan# 2883
 Delta R.T. -0.006 min
 Lab File: BG056336.D
 Acq: 18 Jan 2023 20:10

Instrument :
 BNA_G
 ClientSampleId :
 YARD-2

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# 3762
 Delta R.T. -0.001 min
 Lab File: BG056336.D
 Acq: 18 Jan 2023 20:10

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

