

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
 Data File : BG056616.D
 Acq On : 10 Feb 2023 22:07
 Operator : CG/JU
 Sample : 01328-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1-BORING-1-0-7

Quant Time: Feb 10 23:30:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 22:46:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.212	152	33303	20.000	ng	# 0.00
21) Naphthalene-d8	11.044	136	135812	20.000	ng	0.00
39) Acenaphthene-d10	14.840	164	103226	20.000	ng	0.00
64) Phenanthrene-d10	17.578	188	232539	20.000	ng	0.00
76) Chrysene-d12	21.855	240	214564	20.000	ng	0.00
86) Perylene-d12	25.239	264	238030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.739	112	278176	153.658	ng	0.01
7) Phenol-d6	7.378	99	388707	144.912	ng	0.01
23) Nitrobenzene-d5	9.393	82	200738	83.932	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	176097	128.320	ng	0.00
45) 2-Fluorobiphenyl	13.465	172	663152	89.068	ng	0.00
79) Terphenyl-d14	20.157	244	1054412	86.311	ng	0.00

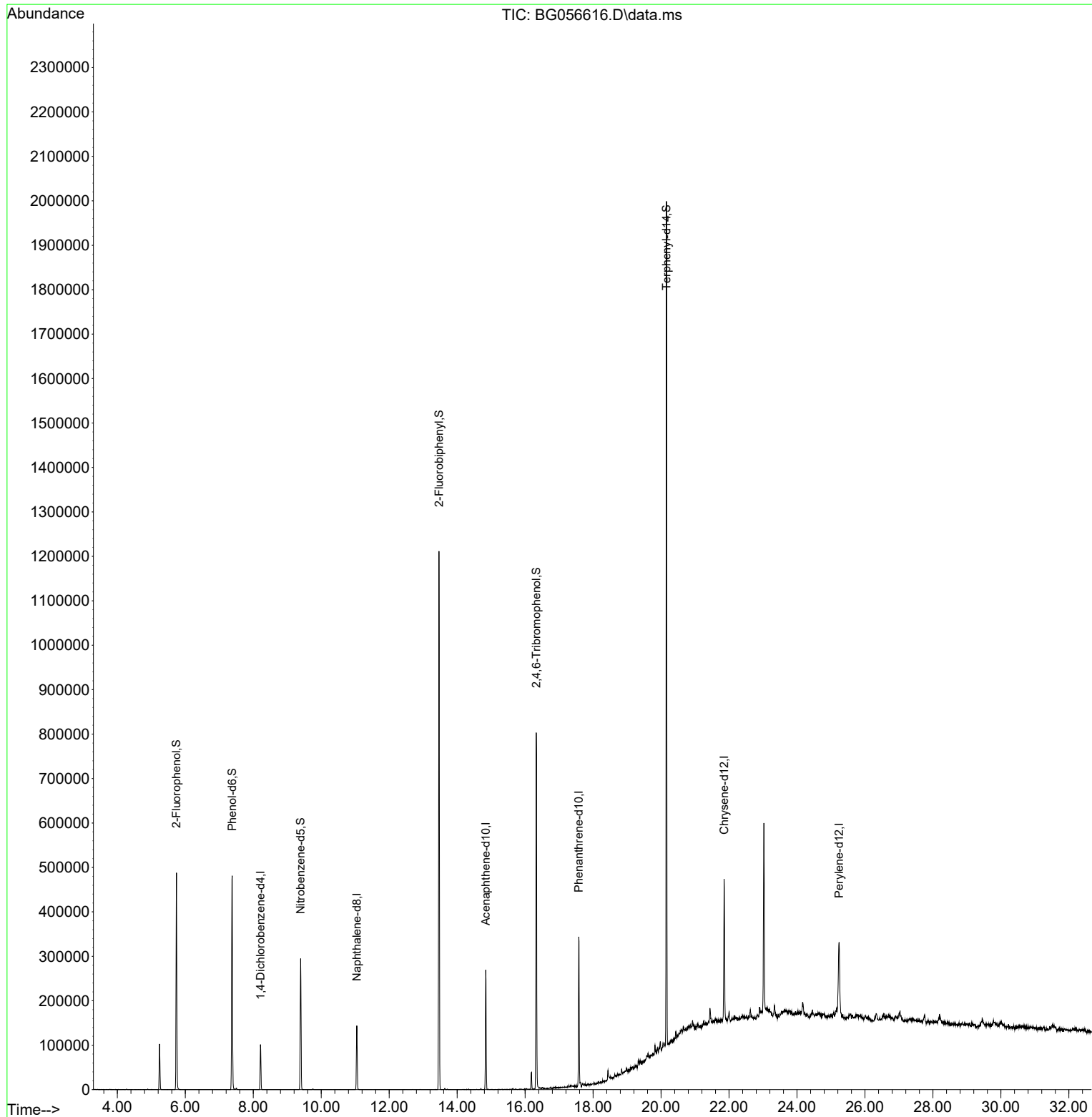
Target Compounds	Qvalue

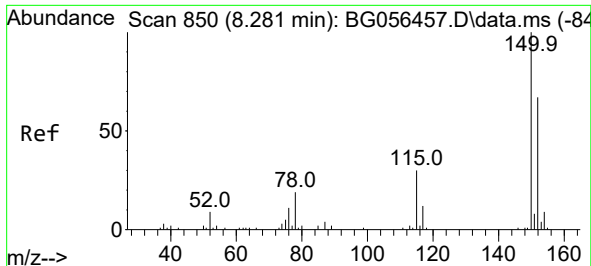
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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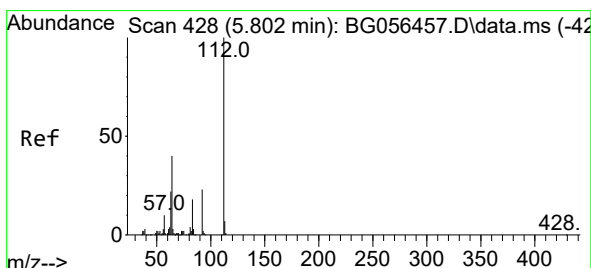
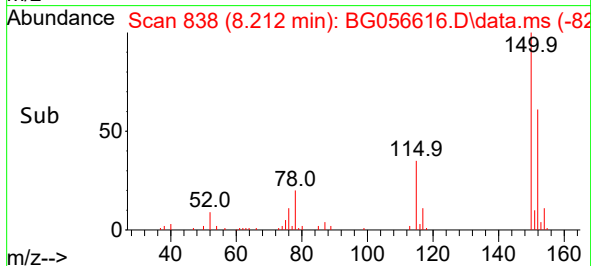
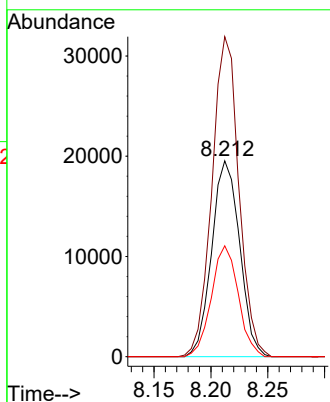
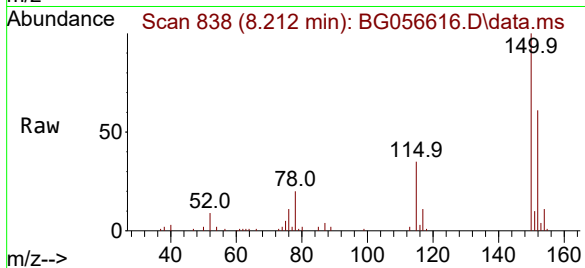




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.212 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG056616.D
Acq: 10 Feb 2023 22:07

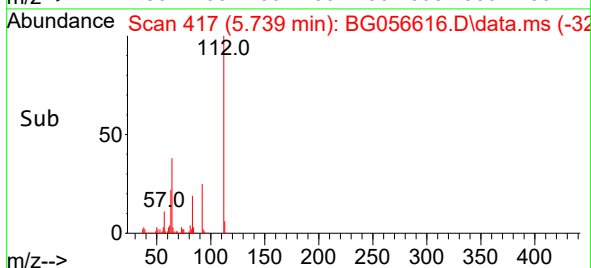
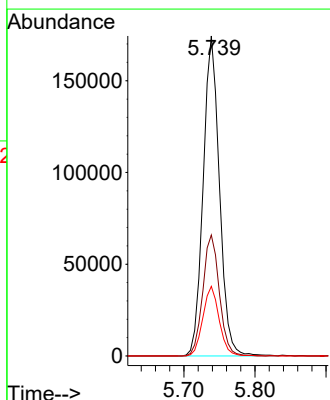
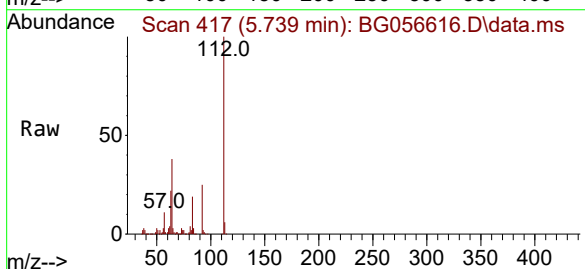
Instrument :
BNA_G
ClientSampleId :
COMP-1-BORING-1-0-7

Tgt Ion:152 Resp: 33303
Ion Ratio Lower Upper
152 100
150 163.4 120.2 180.4
115 56.6 36.3 54.5#



#5
2-Fluorophenol
Concen: 153.658 ng
RT: 5.739 min Scan# 417
Delta R.T. 0.011 min
Lab File: BG056616.D
Acq: 10 Feb 2023 22:07

Tgt Ion:112 Resp: 278176
Ion Ratio Lower Upper
112 100
64 37.8 31.9 47.9
63 21.7 17.4 26.0

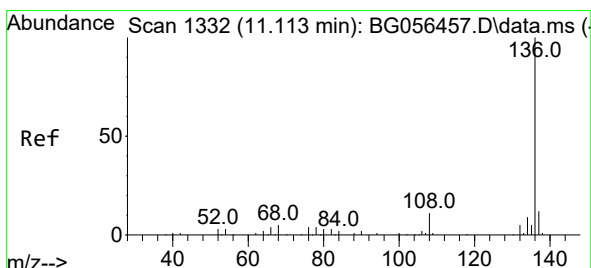
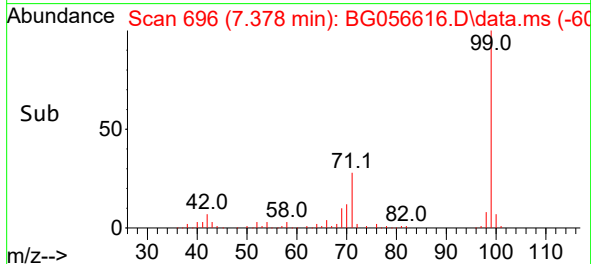
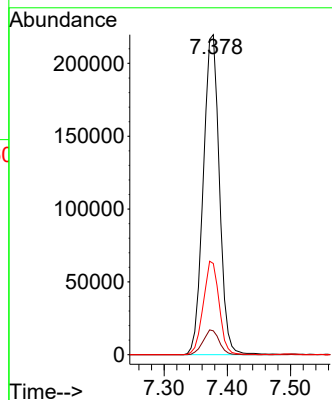
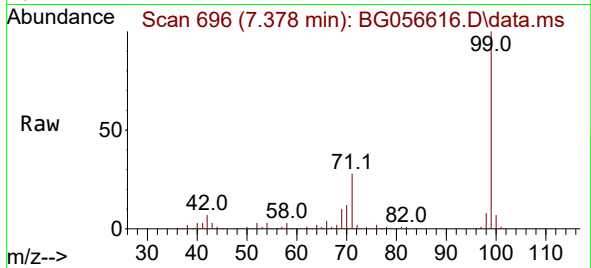




#7
Phenol-d6
Concen: 144.912 ng
RT: 7.378 min Scan# 61
Delta R.T. 0.011 min
Lab File: BG056616.D
Acq: 10 Feb 2023 22:07

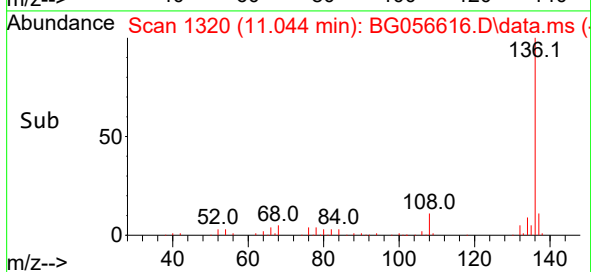
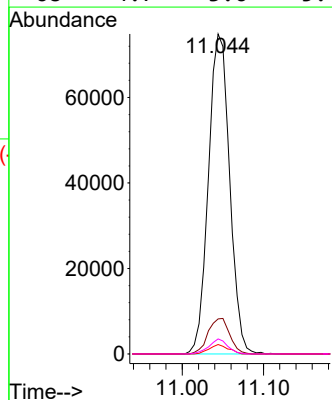
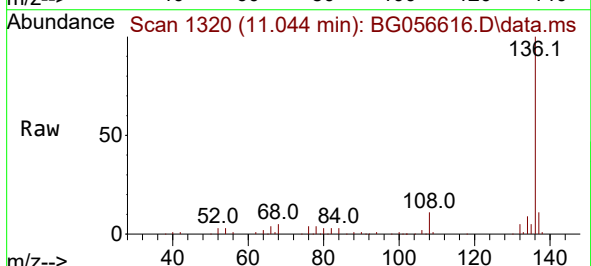
Instrument :
BNA_G
ClientSampleId :
COMP-1-BORING-1-0-7

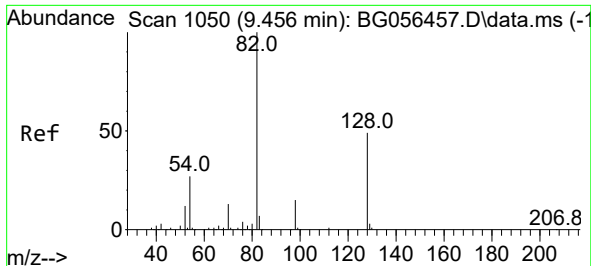
Tgt Ion: 99 Resp: 388707
Ion Ratio Lower Upper
99 100
42 7.5 6.6 10.0
71 28.5 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.044 min Scan# 1320
Delta R.T. -0.001 min
Lab File: BG056616.D
Acq: 10 Feb 2023 22:07

Tgt Ion: 136 Resp: 135812
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 3.0 2.2 3.4
68 4.7 3.6 5.4

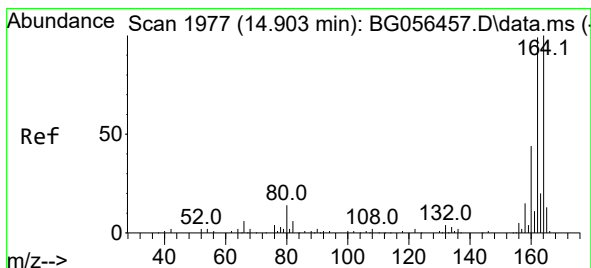
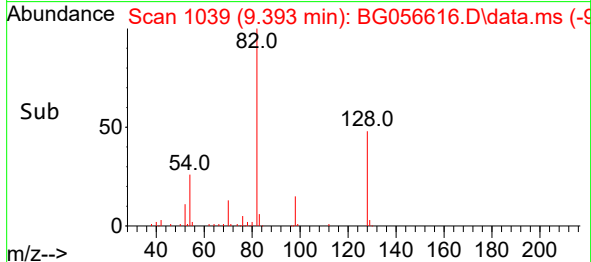
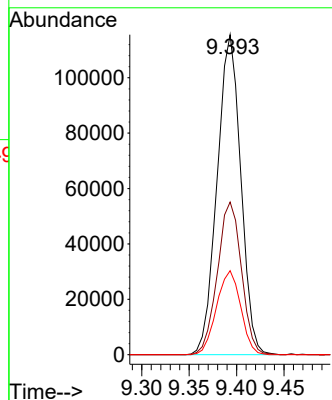
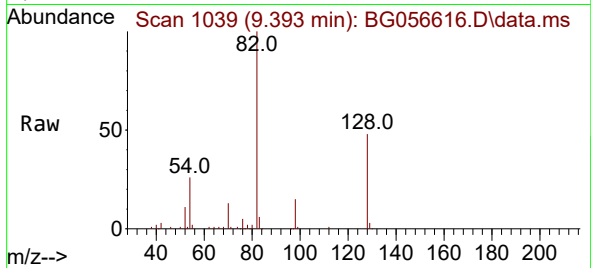




#23
Nitrobenzene-d5
Concen: 83.932 ng
RT: 9.393 min Scan# 1039
Delta R.T. 0.005 min
Lab File: BG056616.D
Acq: 10 Feb 2023 22:07

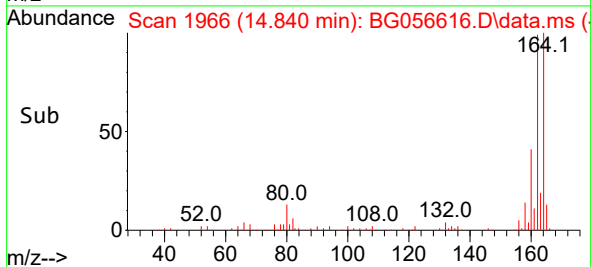
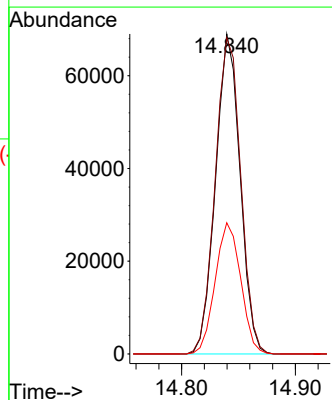
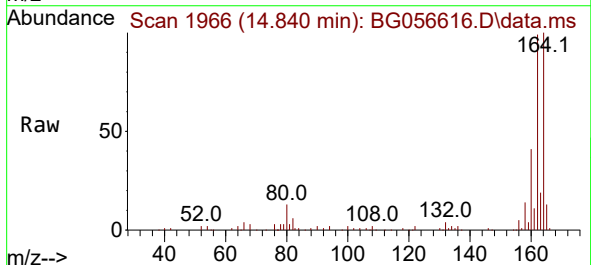
Instrument :
BNA_G
ClientSampleId :
COMP-1-BORING-1-0-7

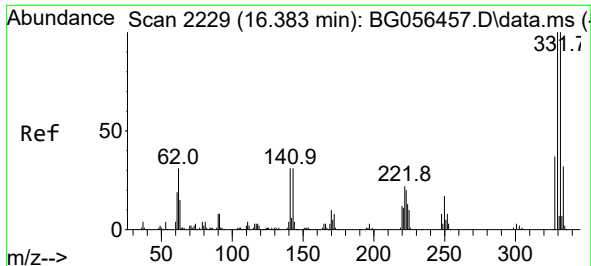
Tgt Ion: 82 Resp: 200738
Ion Ratio Lower Upper
82 100
128 47.7 39.4 59.2
54 26.3 21.4 32.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.840 min Scan# 1966
Delta R.T. -0.001 min
Lab File: BG056616.D
Acq: 10 Feb 2023 22:07

Tgt Ion: 164 Resp: 103226
Ion Ratio Lower Upper
164 100
162 98.9 79.6 119.4
160 41.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 128.320 ng

RT: 16.326 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056616.D

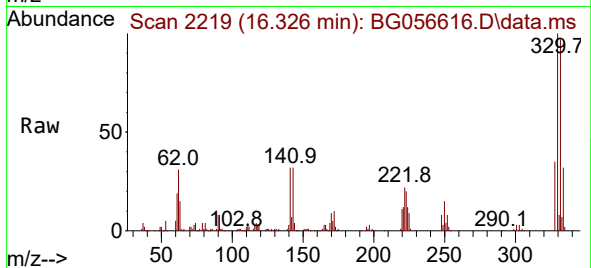
Acq: 10 Feb 2023 22:07

Instrument :

BNA_G

ClientSampleId :

COMP-1-BORING-1-0-7



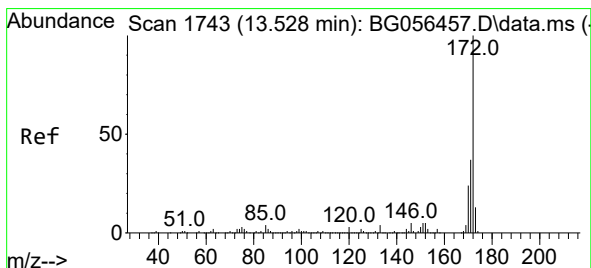
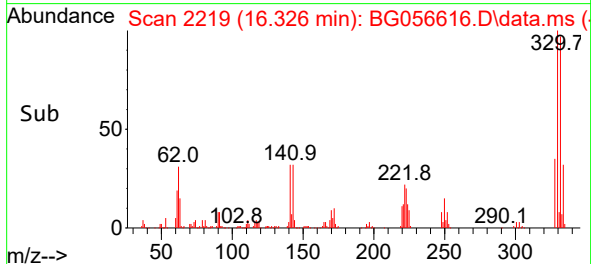
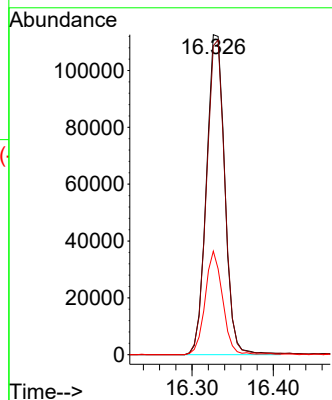
Tgt Ion:330 Resp: 176097

Ion Ratio Lower Upper

330 100

332 97.9 79.0 118.6

141 30.8 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 89.068 ng

RT: 13.465 min Scan# 1732

Delta R.T. -0.001 min

Lab File: BG056616.D

Acq: 10 Feb 2023 22:07

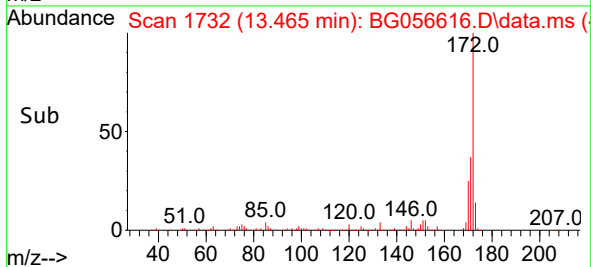
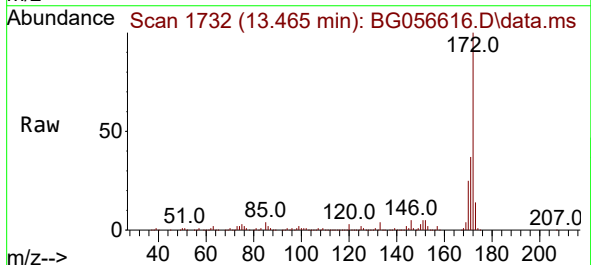
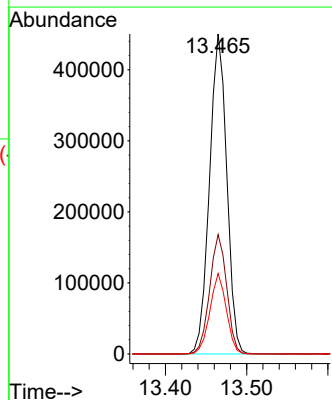
Tgt Ion:172 Resp: 663152

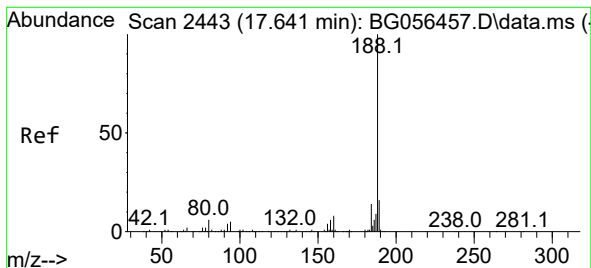
Ion Ratio Lower Upper

172 100

171 37.3 29.5 44.3

170 25.1 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.578 min Scan# 2443

Delta R.T. -0.007 min

Lab File: BG056616.D

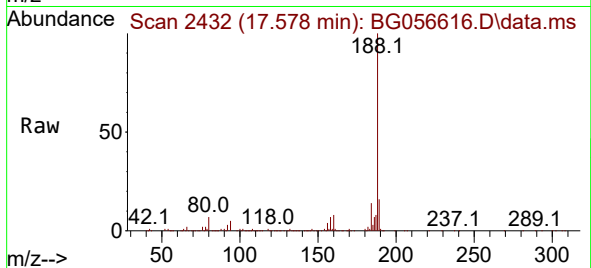
Acq: 10 Feb 2023 22:07

Instrument :

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ClientSampleId :

COMP-1-BORING-1-0-7



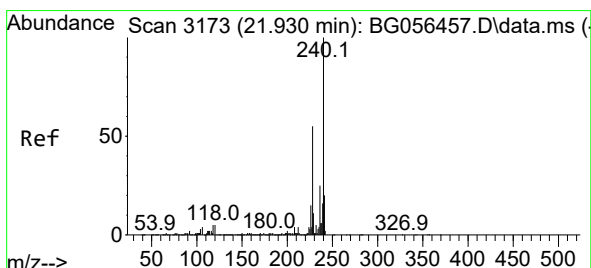
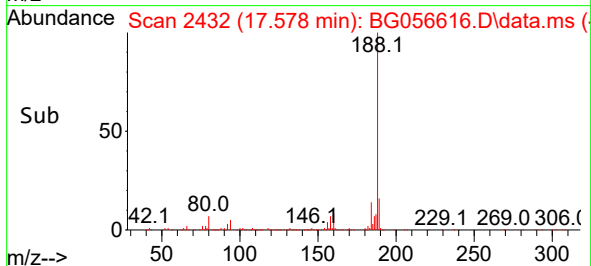
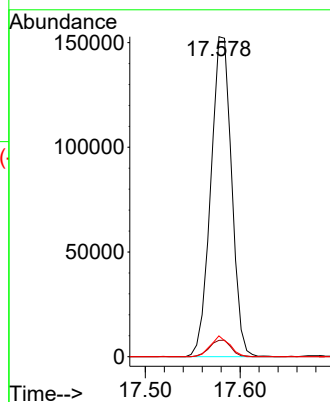
Tgt Ion:188 Resp: 232539

Ion Ratio Lower Upper

188 100

94 5.1 4.1 6.1

80 6.5 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.855 min Scan# 3160

Delta R.T. -0.007 min

Lab File: BG056616.D

Acq: 10 Feb 2023 22:07

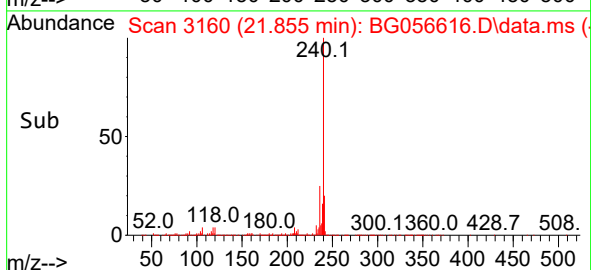
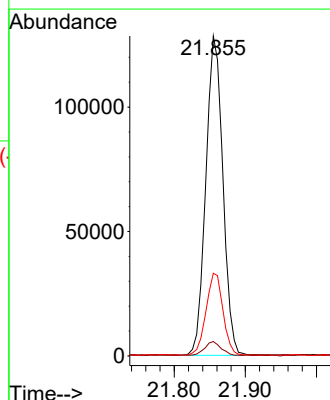
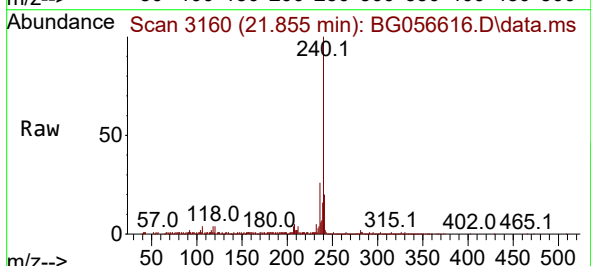
Tgt Ion:240 Resp: 214564

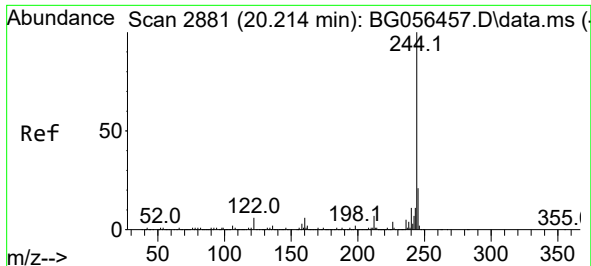
Ion Ratio Lower Upper

240 100

120 4.5 3.8 5.8

236 25.8 20.2 30.2

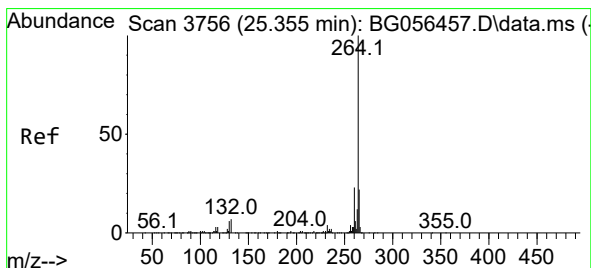
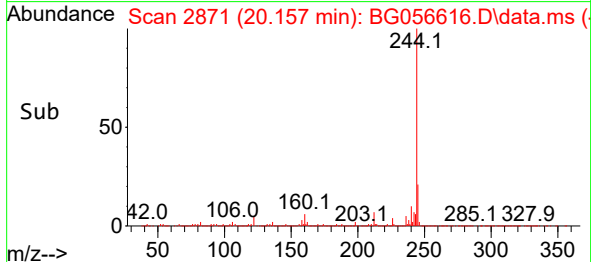
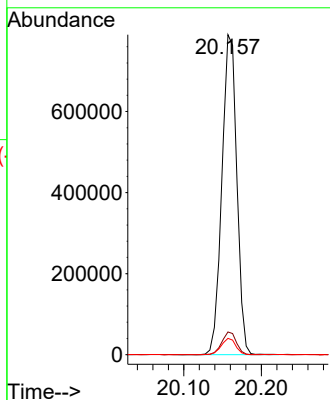
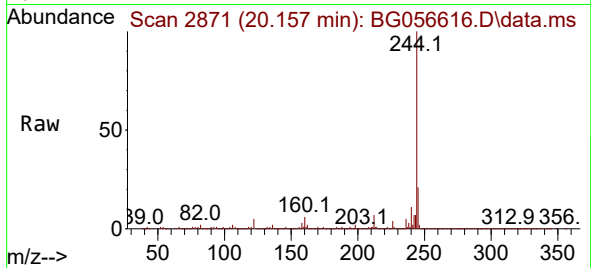




#79
 Terphenyl-d14
 Concen: 86.311 ng
 RT: 20.157 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056616.D
 Acq: 10 Feb 2023 22:07

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1-BORING-1-0-7

Tgt Ion:244 Resp: 1054412
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 5.1 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.239 min Scan# 3736
 Delta R.T. 0.005 min
 Lab File: BG056616.D
 Acq: 10 Feb 2023 22:07

Tgt Ion:264 Resp: 238030
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.4
 265 21.7 18.1 27.1

