

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056423.D
 Acq On : 25 Jan 2023 13:54
 Operator : CG/JU
 Sample : 01255-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORING-1

Quant Time: Jan 26 01:11:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	32209	20.000	ng	0.00
21) Naphthalene-d8	11.128	136	122250	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	97003	20.000	ng	0.00
64) Phenanthrene-d10	17.644	188	269507	20.000	ng	0.00
76) Chrysene-d12	21.939	240	271460	20.000	ng	# 0.00
86) Perylene-d12	25.370	264	287790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	280240	155.350	ng	0.00
7) Phenol-d6	7.438	99	356323	128.622	ng	0.00
23) Nitrobenzene-d5	9.471	82	213710	89.420	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	222554	181.155	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	703230	100.109	ng	0.00
79) Terphenyl-d14	20.223	244	1672134	110.325	ng	0.00

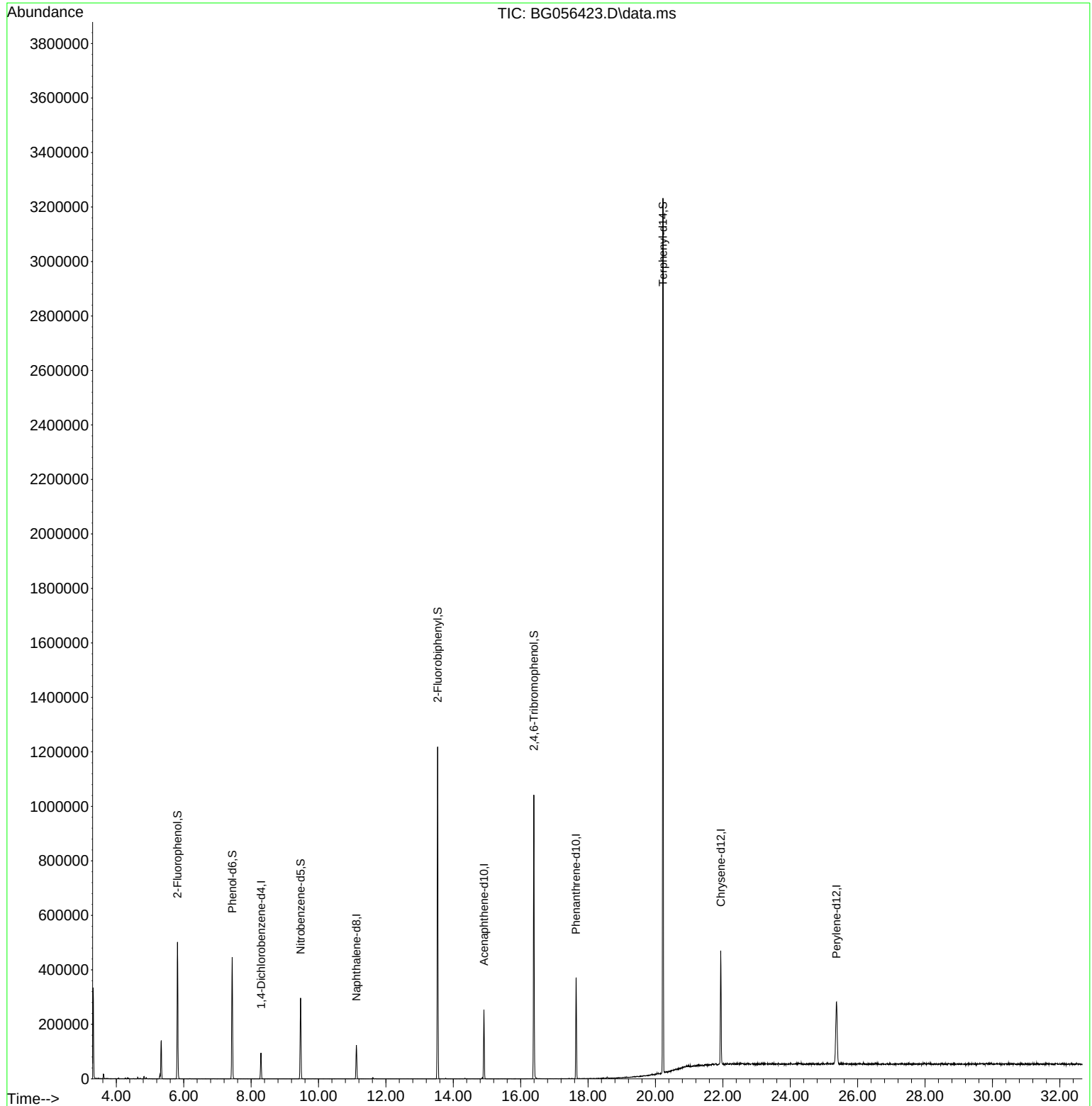
Target Compounds	Qvalue

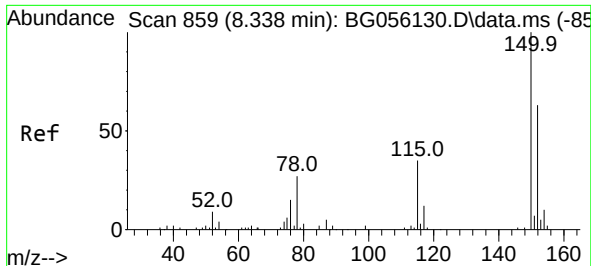
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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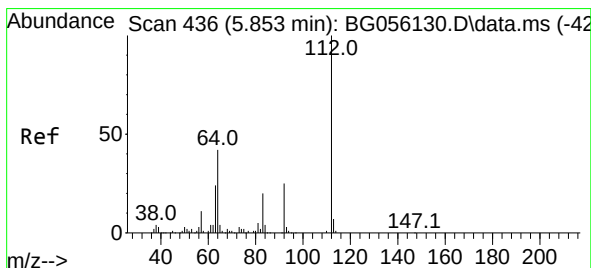
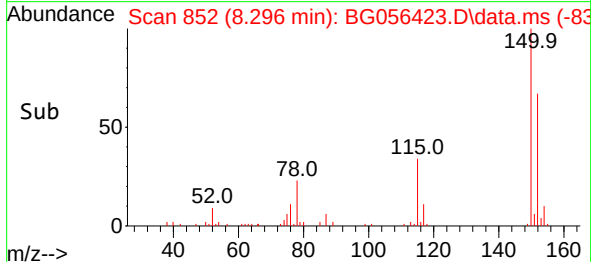
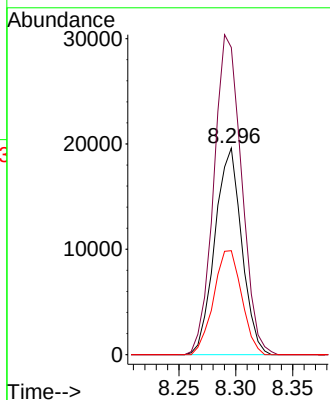
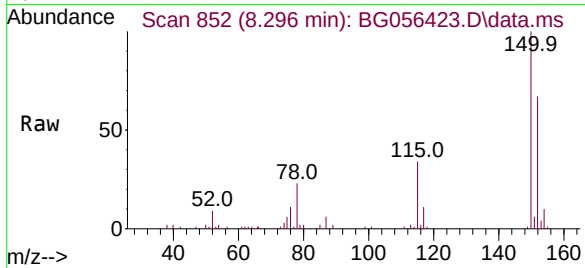




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.296 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

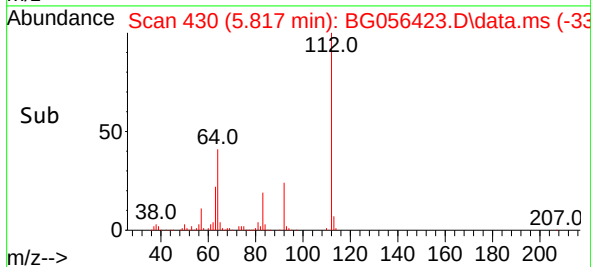
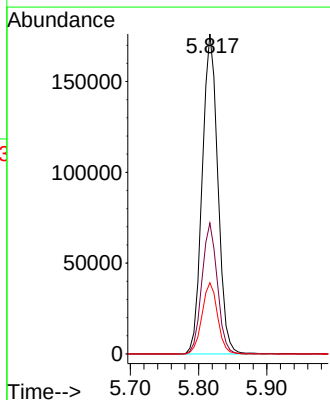
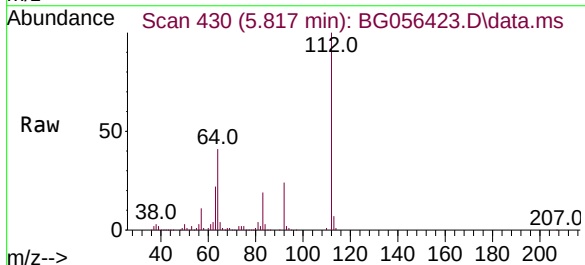
Instrument :
BNA_G
ClientSampleId :
BORING-1

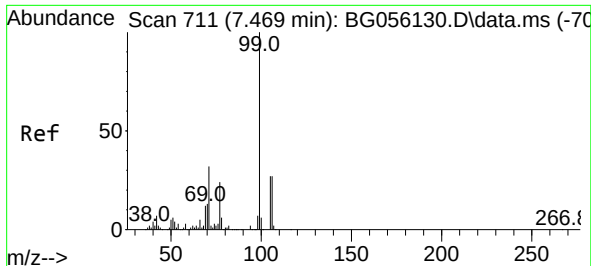
Tgt Ion:152 Resp: 32209
Ion Ratio Lower Upper
152 100
150 148.8 127.9 191.9
115 50.3 44.2 66.2



#5
2-Fluorophenol
Concen: 155.350 ng
RT: 5.817 min Scan# 430
Delta R.T. 0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Tgt Ion:112 Resp: 280240
Ion Ratio Lower Upper
112 100
64 40.9 33.3 49.9
63 22.2 19.0 28.4

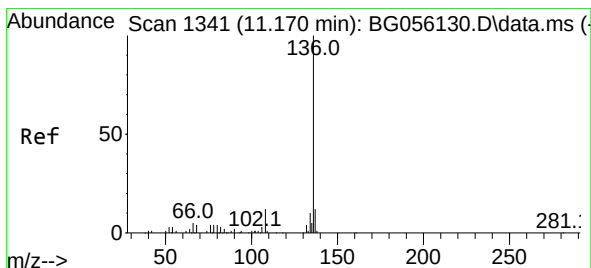
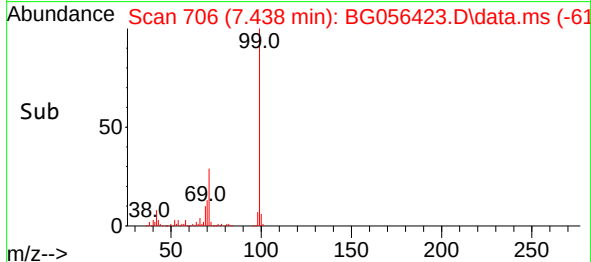
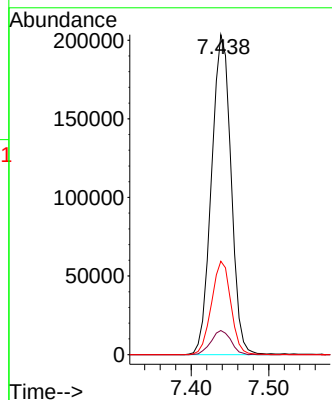
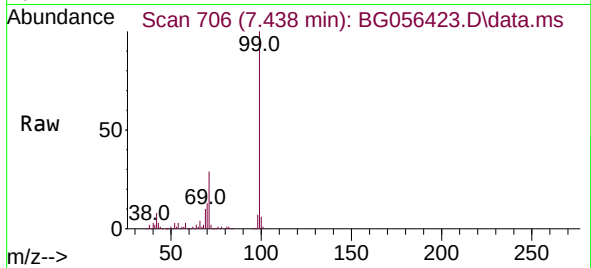




#7
Phenol-d6
Concen: 128.622 ng
RT: 7.438 min Scan# 70
Delta R.T. 0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

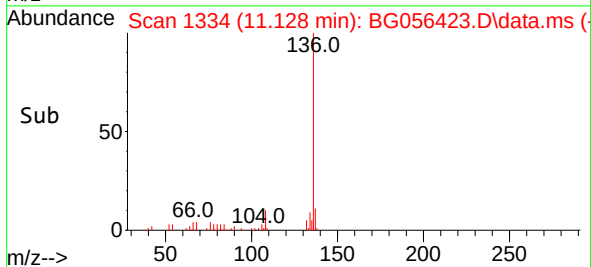
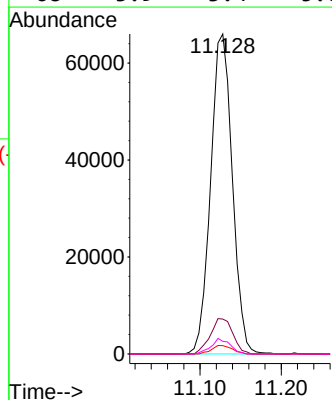
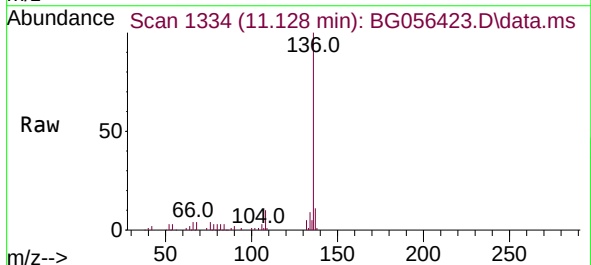
Instrument :
BNA_G
ClientSampleId :
BORING-1

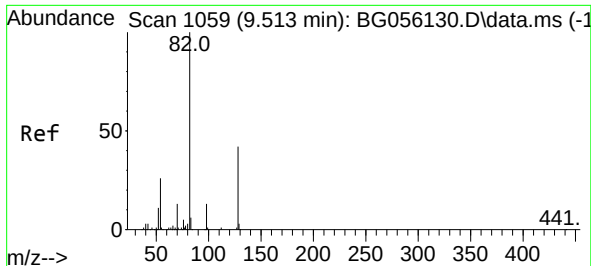
Tgt Ion: 99 Resp: 356323
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 29.2 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.128 min Scan# 1334
Delta R.T. -0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Tgt Ion: 136 Resp: 122250
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.6 2.2 3.2
68 3.9 3.4 5.0





#23

Nitrobenzene-d5

Concen: 89.420 ng

RT: 9.471 min Scan# 1059

Delta R.T. -0.003 min

Lab File: BG056423.D

Acq: 25 Jan 2023 13:54

Instrument :

BNA_G

ClientSampleId :

BORING-1

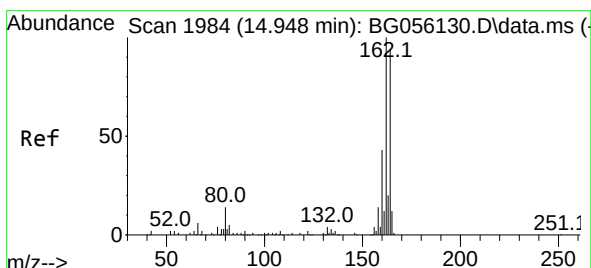
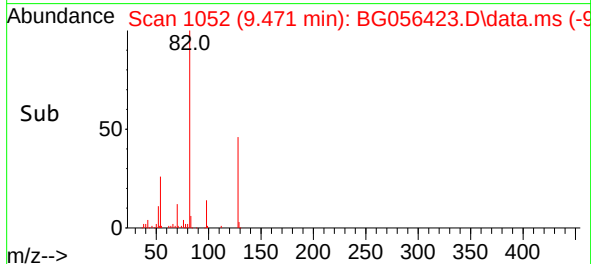
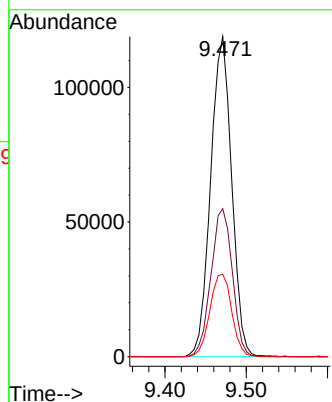
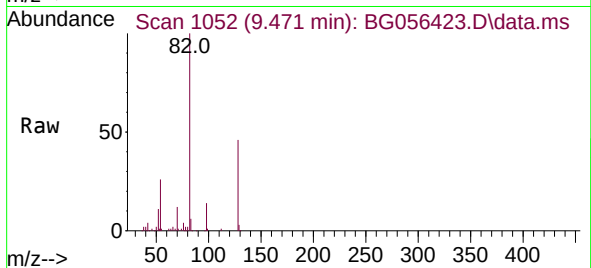
Tgt Ion: 82 Resp: 213710

Ion Ratio Lower Upper

82 100

128 46.2 33.4 50.2

54 25.7 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.912 min Scan# 1978

Delta R.T. -0.003 min

Lab File: BG056423.D

Acq: 25 Jan 2023 13:54

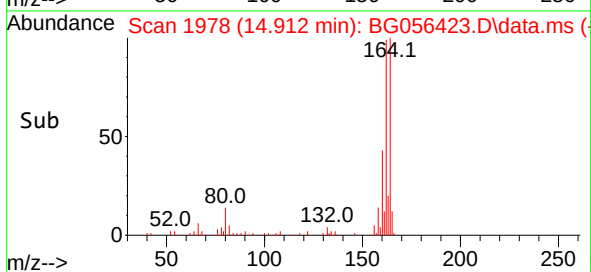
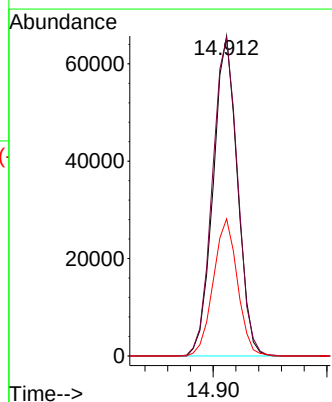
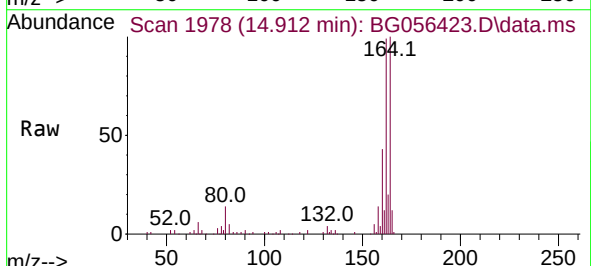
Tgt Ion: 164 Resp: 97003

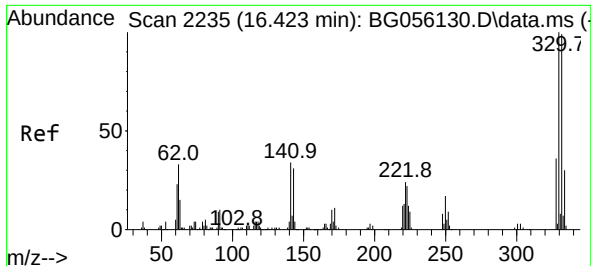
Ion Ratio Lower Upper

164 100

162 99.5 84.7 127.1

160 42.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 181.155 ng

RT: 16.392 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG056423.D

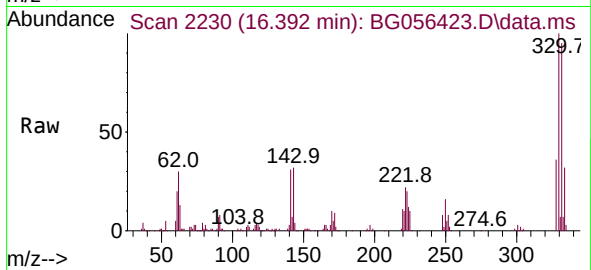
Acq: 25 Jan 2023 13:54

Instrument :

BNA_G

ClientSampleId :

BORING-1



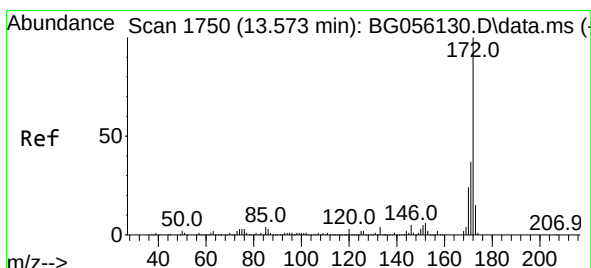
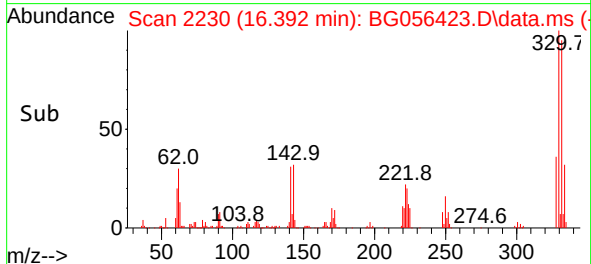
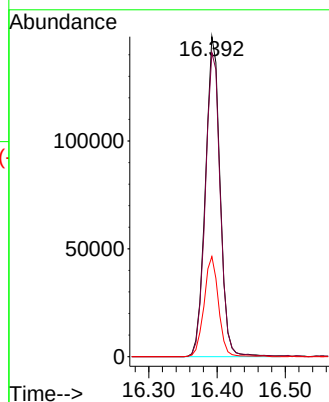
Tgt Ion:330 Resp: 222554

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 30.6 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 100.109 ng

RT: 13.537 min Scan# 1744

Delta R.T. -0.003 min

Lab File: BG056423.D

Acq: 25 Jan 2023 13:54

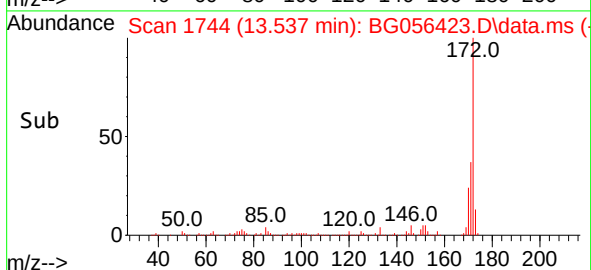
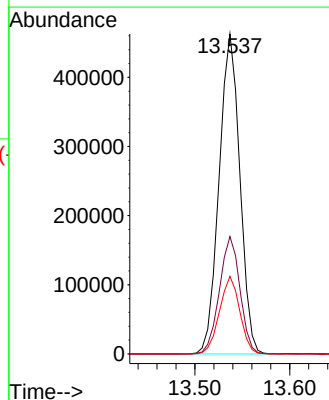
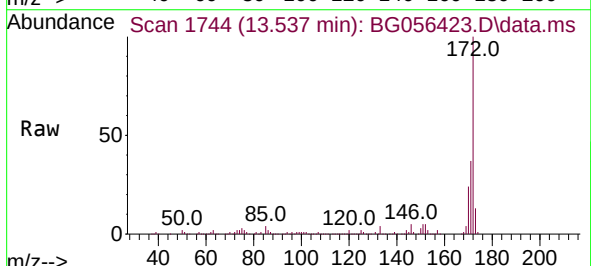
Tgt Ion:172 Resp: 703230

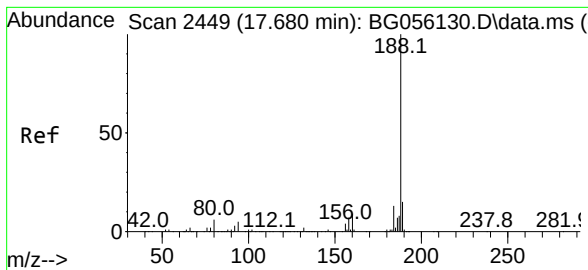
Ion Ratio Lower Upper

172 100

171 36.7 29.6 44.4

170 24.2 19.4 29.2

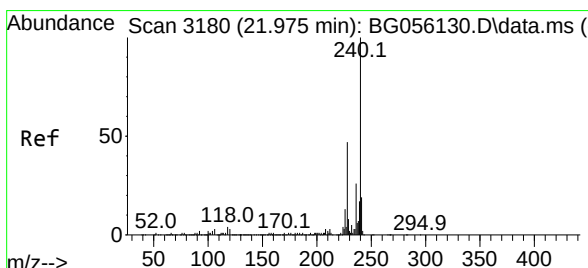
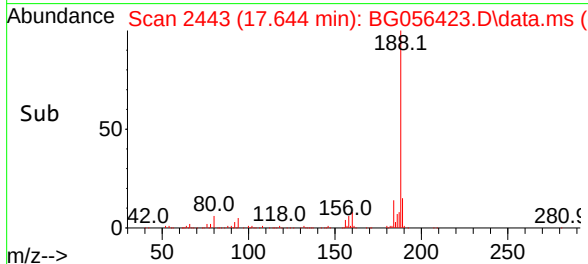
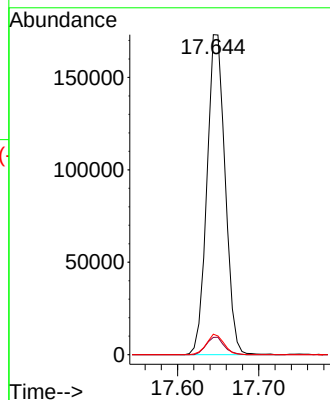
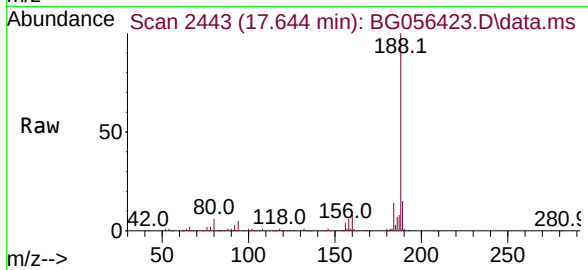




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.644 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

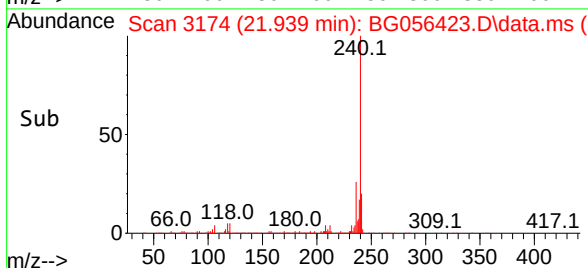
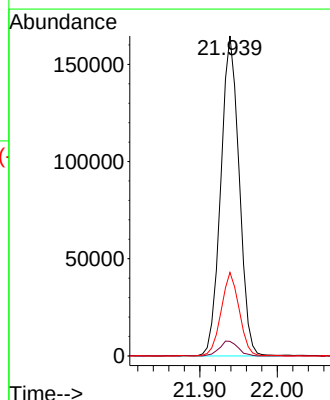
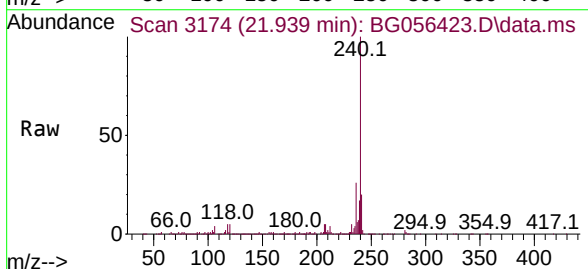
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BORING-1

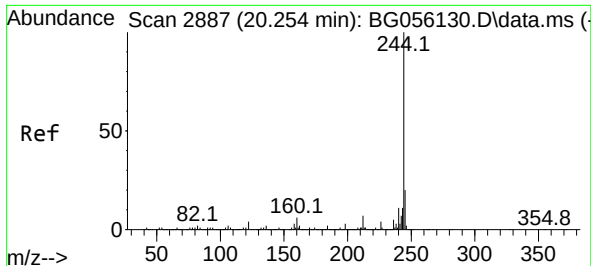
Tgt Ion:188 Resp: 269507
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 6.4 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3174
Delta R.T. -0.003 min
Lab File: BG056423.D
Acq: 25 Jan 2023 13:54

Tgt Ion:240 Resp: 271460
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 26.1 20.8 31.2

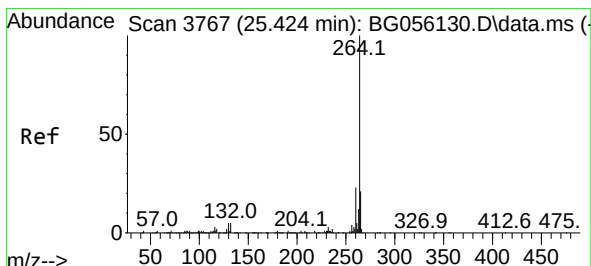
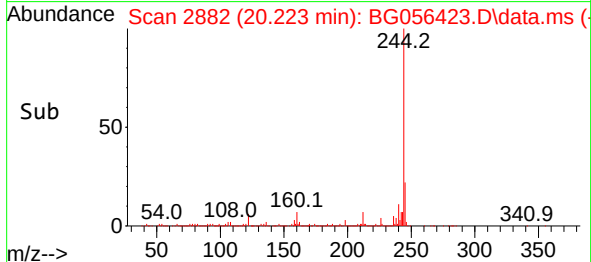
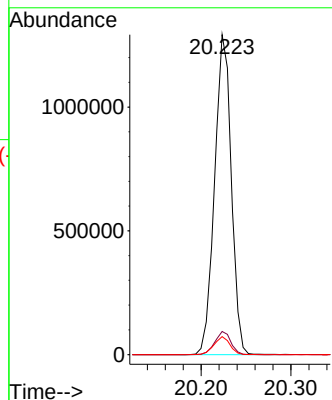
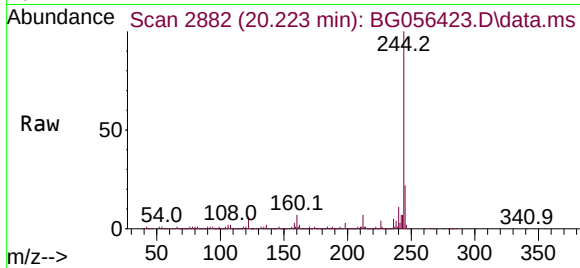




#79
 Terphenyl-d14
 Concen: 110.325 ng
 RT: 20.223 min Scan# 2882
 Delta R.T. -0.003 min
 Lab File: BG056423.D
 Acq: 25 Jan 2023 13:54

Instrument :
 BNA_G
 ClientSampleId :
 BORING-1

Tgt Ion:244 Resp: 1672134
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.6 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.370 min Scan# 3758
 Delta R.T. -0.003 min
 Lab File: BG056423.D
 Acq: 25 Jan 2023 13:54

Tgt Ion:264 Resp: 287790
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 28.0
 265 21.2 16.7 25.1

