

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022023\
 Data File : BG056670.D
 Acq On : 20 Feb 2023 12:32
 Operator : CG/JU
 Sample : PB150882TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150882TB

Quant Time: Feb 20 14:34:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.433	152	14610	20.000	ng	0.00
21) Naphthalene-d8	11.277	136	61605	20.000	ng	0.00
39) Acenaphthene-d10	15.037	164	48266	20.000	ng	0.00
64) Phenanthrene-d10	17.775	188	135842	20.000	ng	0.00
76) Chrysene-d12	22.087	240	138778	20.000	ng	#-0.01
86) Perylene-d12	25.636	264	145906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.942	112	134341	149.611	ng	0.00
7) Phenol-d6	7.557	99	188199	141.889	ng	0.00
23) Nitrobenzene-d5	9.608	82	106661	88.648	ng	0.00
42) 2,4,6-Tribromophenol	16.518	330	78689	119.078	ng	0.00
45) 2-Fluorobiphenyl	13.674	172	307112	85.203	ng	0.00
79) Terphenyl-d14	20.342	244	768410	90.591	ng	0.00

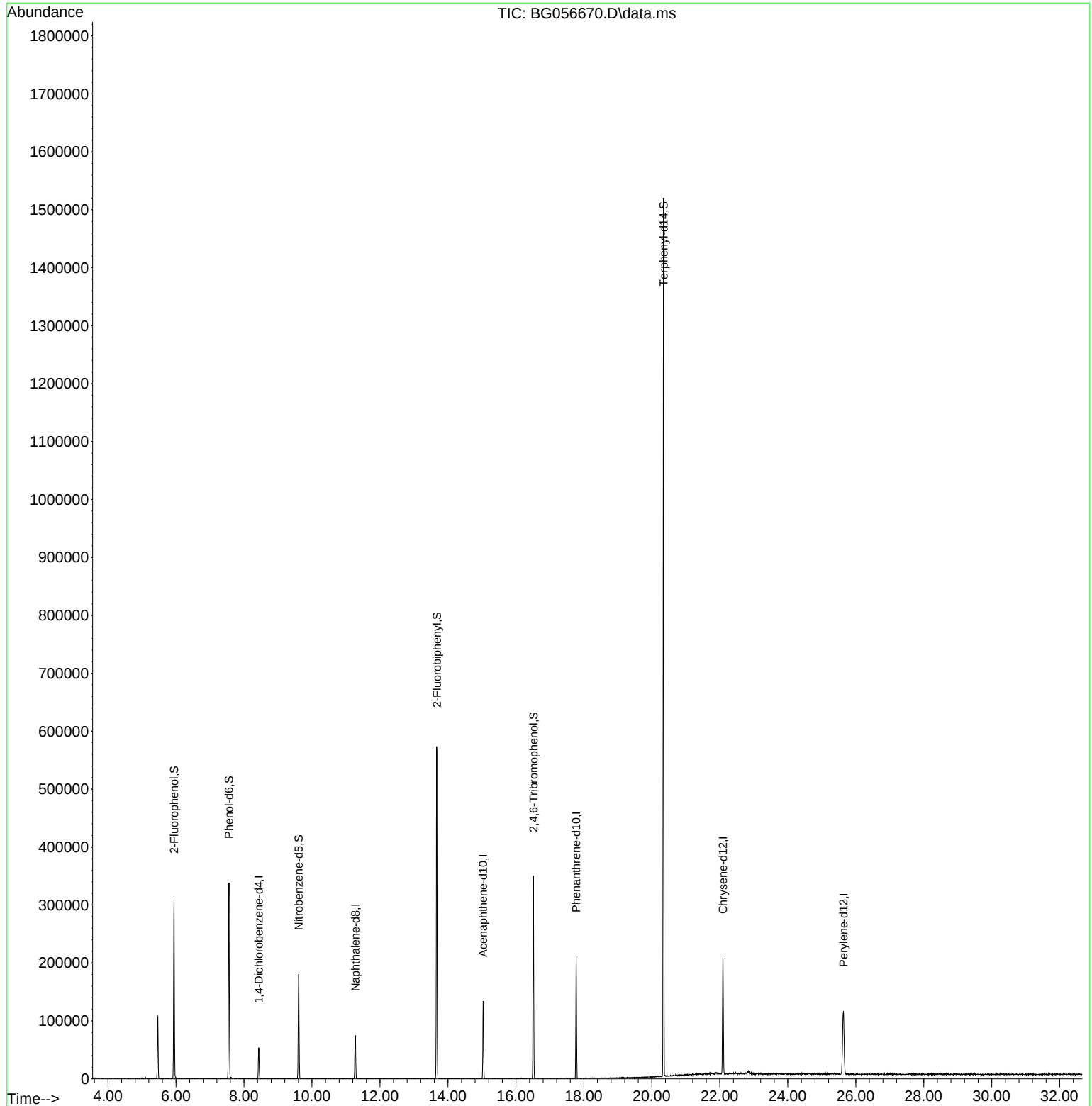
Target Compounds Qvalue

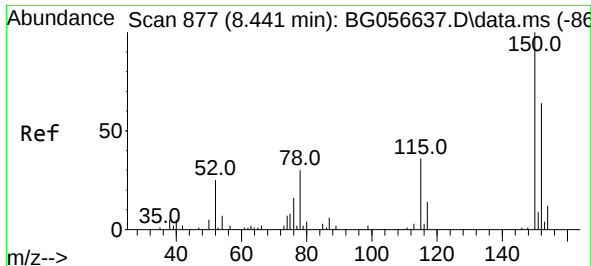
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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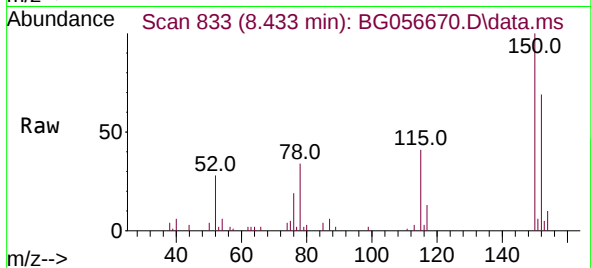
Quant Time: Feb 20 14:34:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
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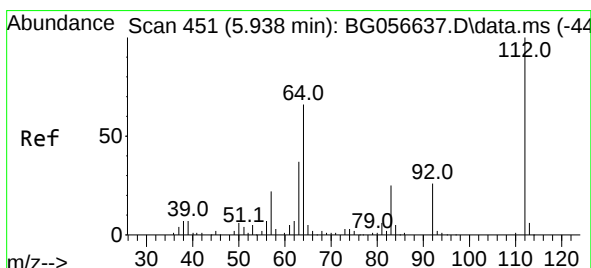
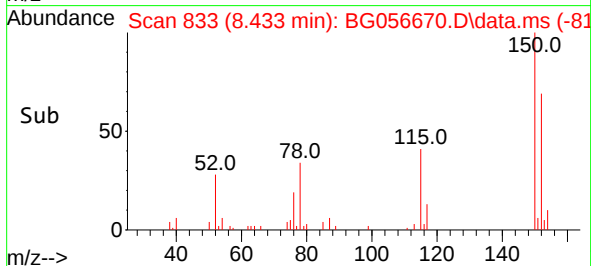
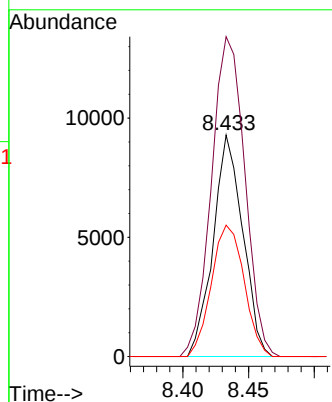


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.433 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Instrument :
BNA_G
ClientSampleId :
PB150882TB

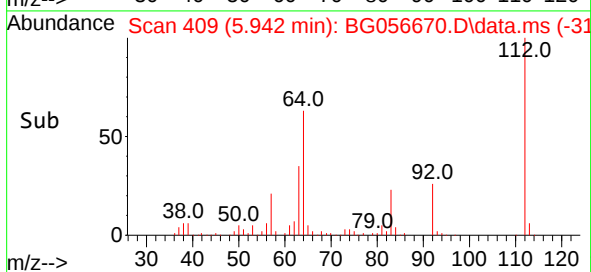
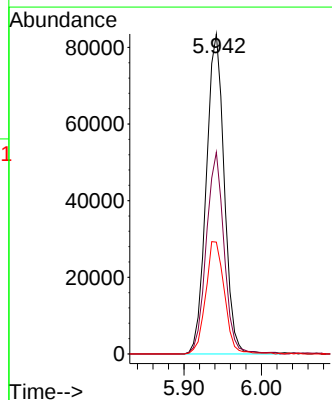
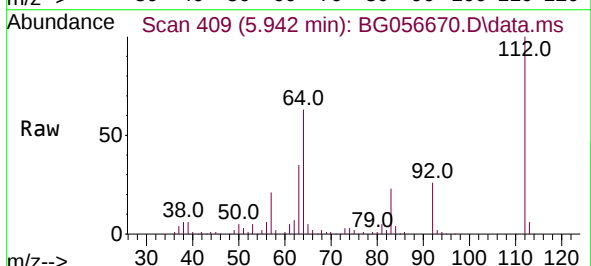


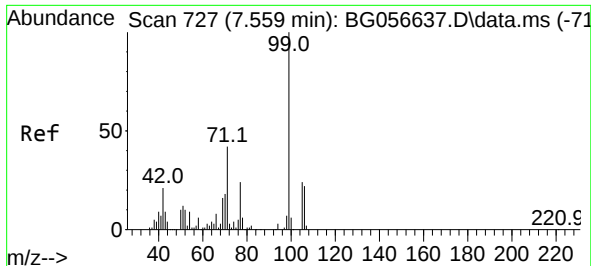
Tgt Ion:152 Resp: 14610
Ion Ratio Lower Upper
152 100
150 144.4 124.8 187.2
115 59.3 44.7 67.1



#5
2-Fluorophenol
Concen: 149.611 ng
RT: 5.942 min Scan# 409
Delta R.T. 0.004 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Tgt Ion:112 Resp: 134341
Ion Ratio Lower Upper
112 100
64 63.0 52.6 78.8
63 34.9 29.8 44.6

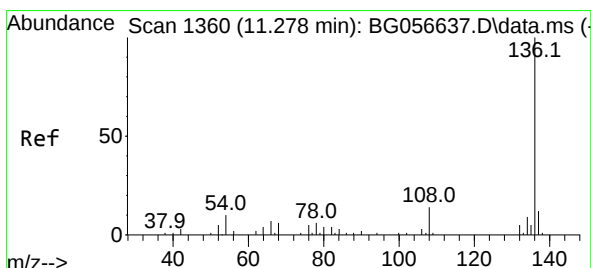
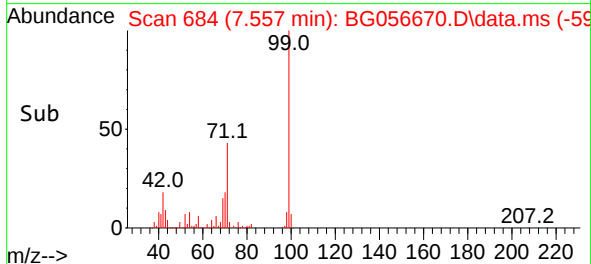
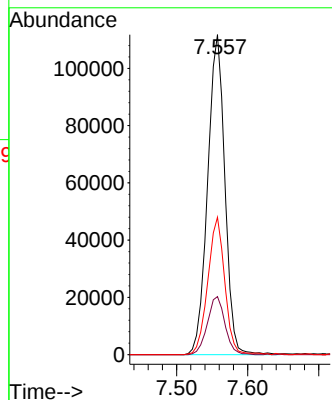
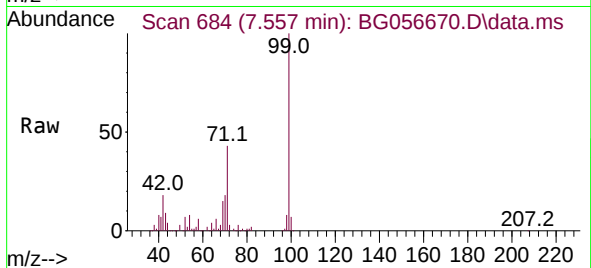




#7
Phenol-d6
Concen: 141.889 ng
RT: 7.557 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

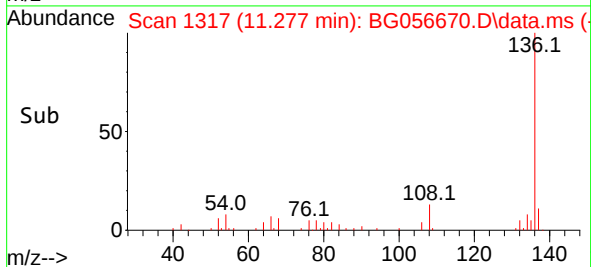
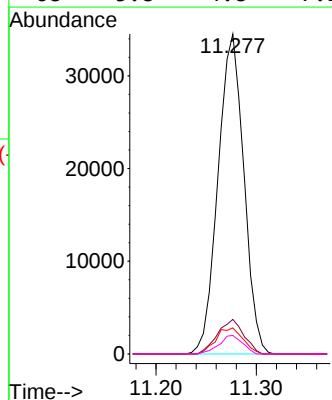
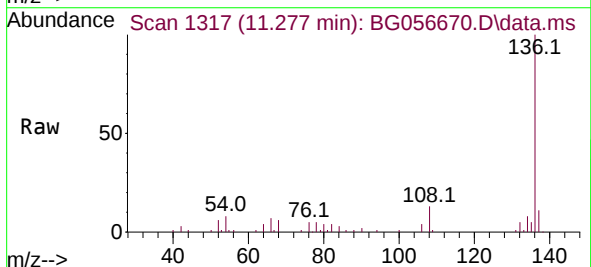
Instrument :
BNA_G
ClientSampleId :
PB150882TB

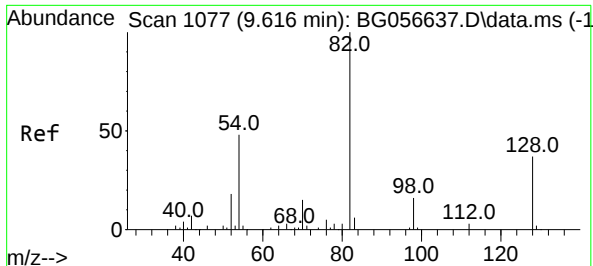
Tgt Ion: 99 Resp: 188199
Ion Ratio Lower Upper
99 100
42 18.1 16.8 25.2
71 42.9 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.277 min Scan# 1317
Delta R.T. -0.002 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Tgt Ion: 136 Resp: 61605
Ion Ratio Lower Upper
136 100
137 10.8 9.7 14.5
54 8.1 7.7 11.5
68 5.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 88.648 ng

RT: 9.608 min Scan# 10

Delta R.T. -0.008 min

Lab File: BG056670.D

Acq: 20 Feb 2023 12:32

Instrument :

BNA_G

ClientSampleId :

PB150882TB

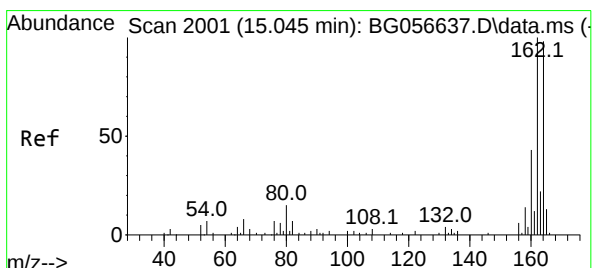
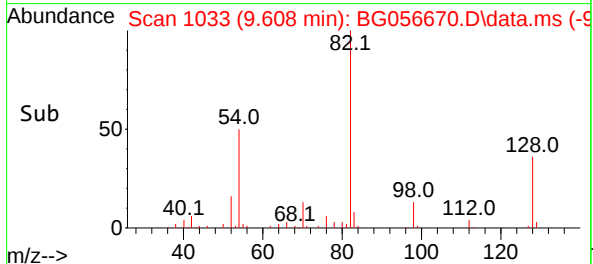
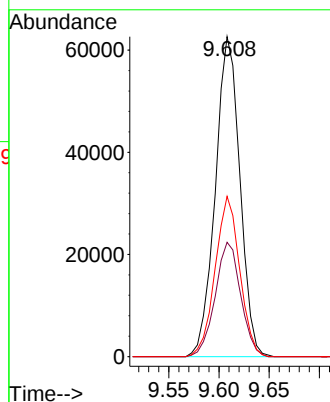
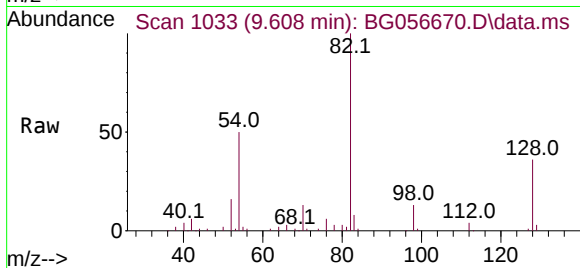
Tgt Ion: 82 Resp: 106661

Ion Ratio Lower Upper

82 100

128 35.7 29.4 44.2

54 50.1 37.8 56.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.037 min Scan# 1957

Delta R.T. -0.008 min

Lab File: BG056670.D

Acq: 20 Feb 2023 12:32

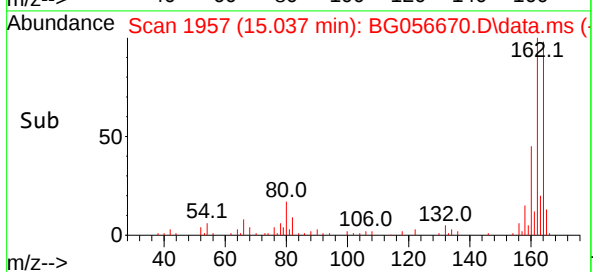
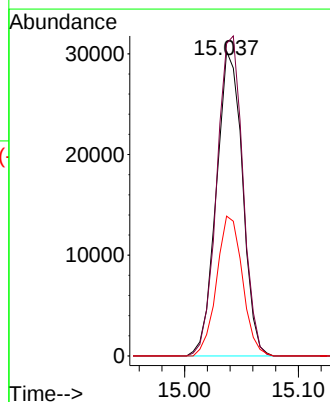
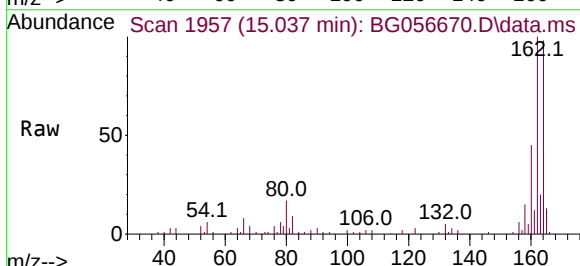
Tgt Ion:164 Resp: 48266

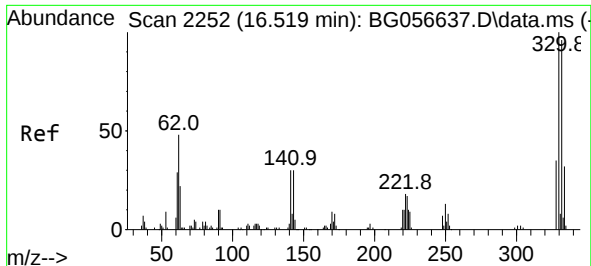
Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

160 45.9 35.2 52.8

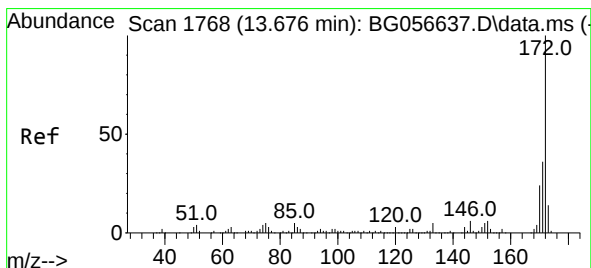
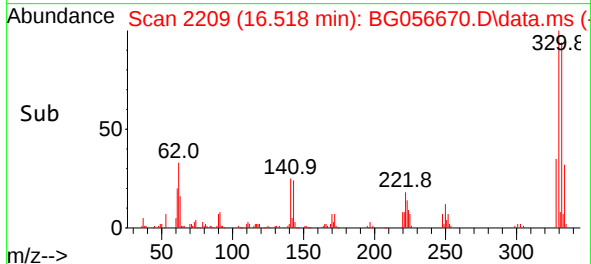
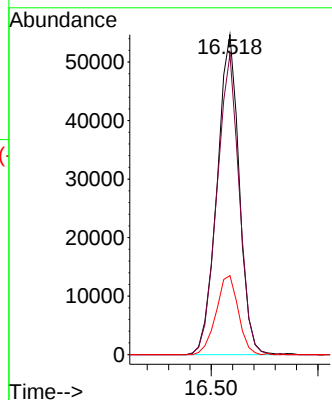
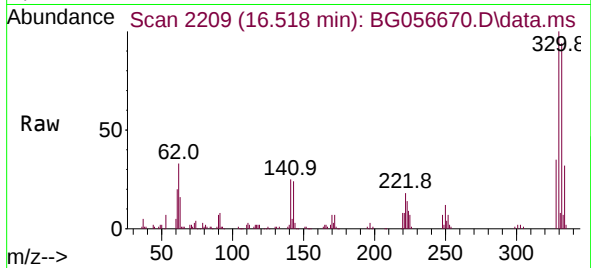




#42
2,4,6-Tribromophenol
Concen: 119.078 ng
RT: 16.518 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

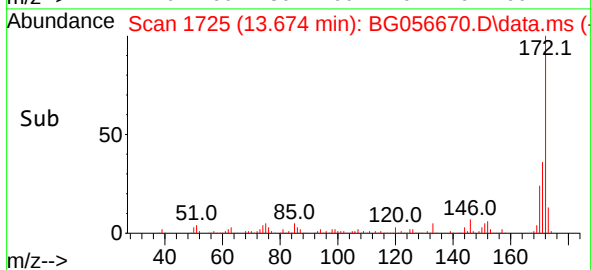
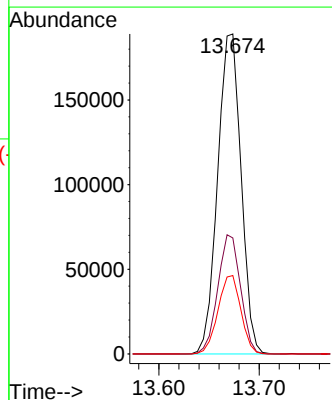
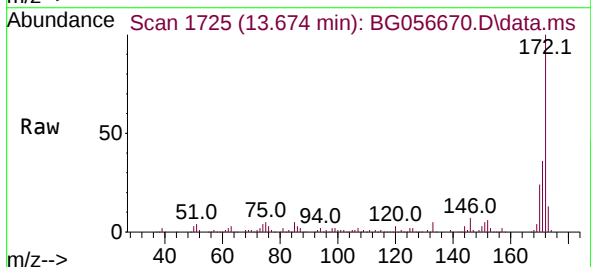
Instrument :
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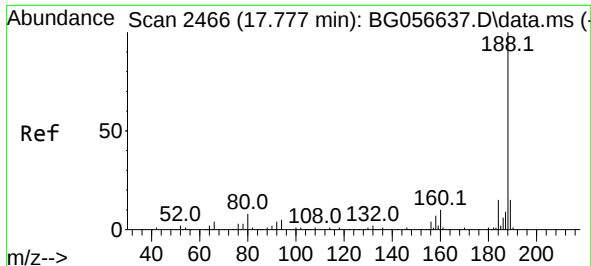
Tgt Ion:330 Resp: 78689
Ion Ratio Lower Upper
330 100
332 94.3 75.7 113.5
141 24.8 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 85.203 ng
RT: 13.674 min Scan# 1725
Delta R.T. -0.002 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Tgt Ion:172 Resp: 307112
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.5 19.4 29.0

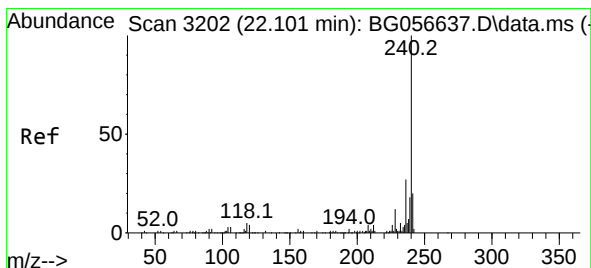
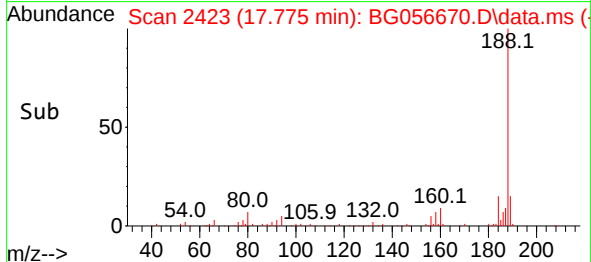
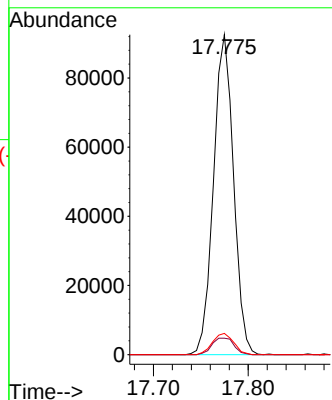
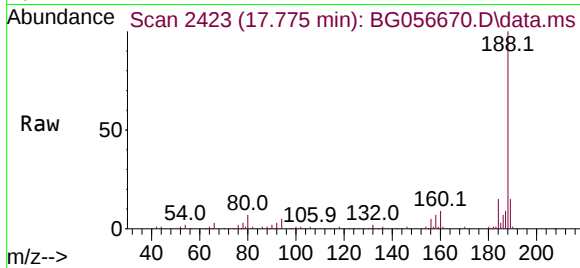




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.775 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

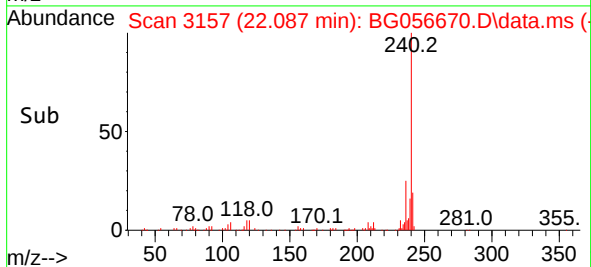
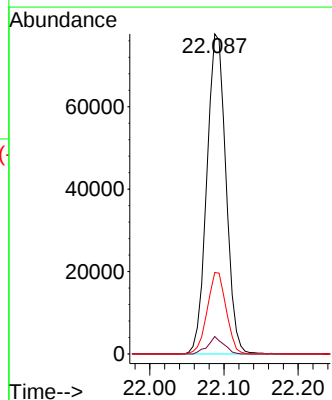
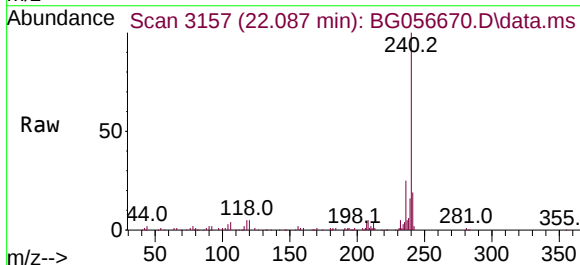
Instrument :
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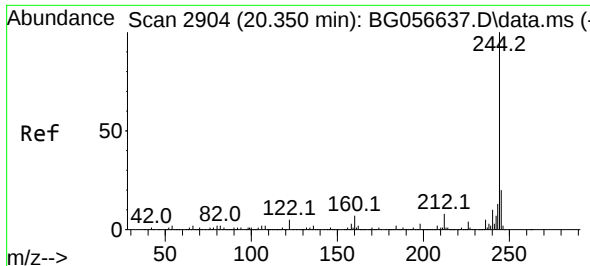
Tgt Ion:188 Resp: 135842
Ion Ratio Lower Upper
188 100
94 5.1 4.0 6.0
80 6.6 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.087 min Scan# 3157
Delta R.T. -0.014 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Tgt Ion:240 Resp: 138778
Ion Ratio Lower Upper
240 100
120 5.4 3.5 5.3#
236 25.4 21.5 32.3

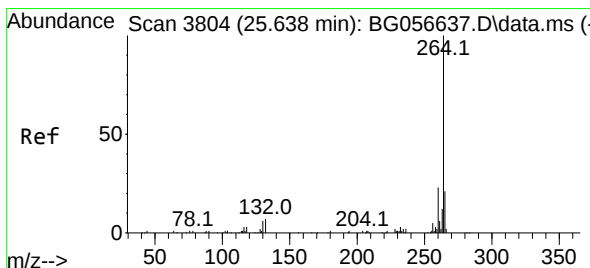
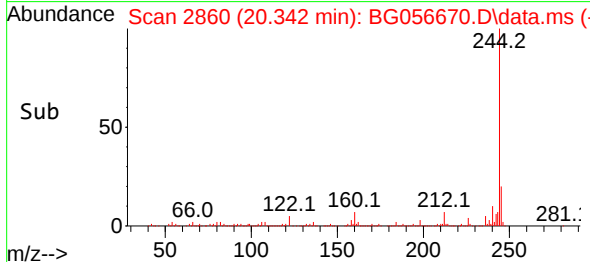
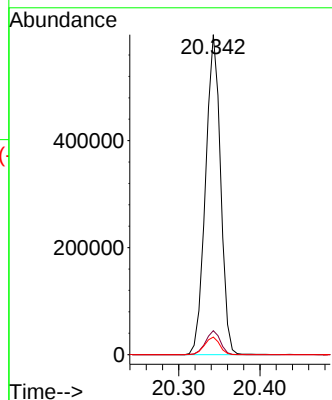
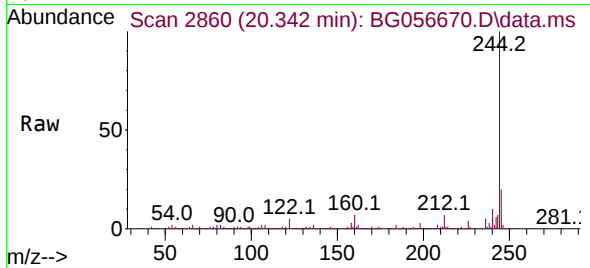




#79
 Terphenyl-d14
 Concen: 90.591 ng
 RT: 20.342 min Scan# 2860
 Delta R.T. -0.008 min
 Lab File: BG056670.D
 Acq: 20 Feb 2023 12:32

Instrument :
 BNA_G
 ClientSampleId :
 PB150882TB

Tgt Ion:244 Resp: 768410
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 5.5 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.636 min Scan# 3761
 Delta R.T. -0.002 min
 Lab File: BG056670.D
 Acq: 20 Feb 2023 12:32

Tgt Ion:264 Resp: 145906
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 21.4 17.0 25.4

