

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022023\
 Data File : BG056671.D
 Acq On : 20 Feb 2023 13:13
 Operator : CG/JU
 Sample : PB150904TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150904TB

Quant Time: Feb 20 14:34:34 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	8.435	152	14097	20.000	ng	# 0.00
21) Naphthalene-d8	11.278	136	59137	20.000	ng	0.00
39) Acenaphthene-d10	15.039	164	46609	20.000	ng	0.00
64) Phenanthrene-d10	17.777	188	133189	20.000	ng	0.00
76) Chrysene-d12	22.089	240	133914	20.000	ng	-0.01
86) Perylene-d12	25.638	264	144784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	127651	147.334	ng	0.00
7) Phenol-d6	7.553	99	182463	142.570	ng	0.00
23) Nitrobenzene-d5	9.610	82	103446	89.564	ng	0.00
42) 2,4,6-Tribromophenol	16.514	330	77908	122.087	ng	0.00
45) 2-Fluorobiphenyl	13.670	172	299725	86.110	ng	0.00
79) Terphenyl-d14	20.344	244	751150	91.773	ng	0.00

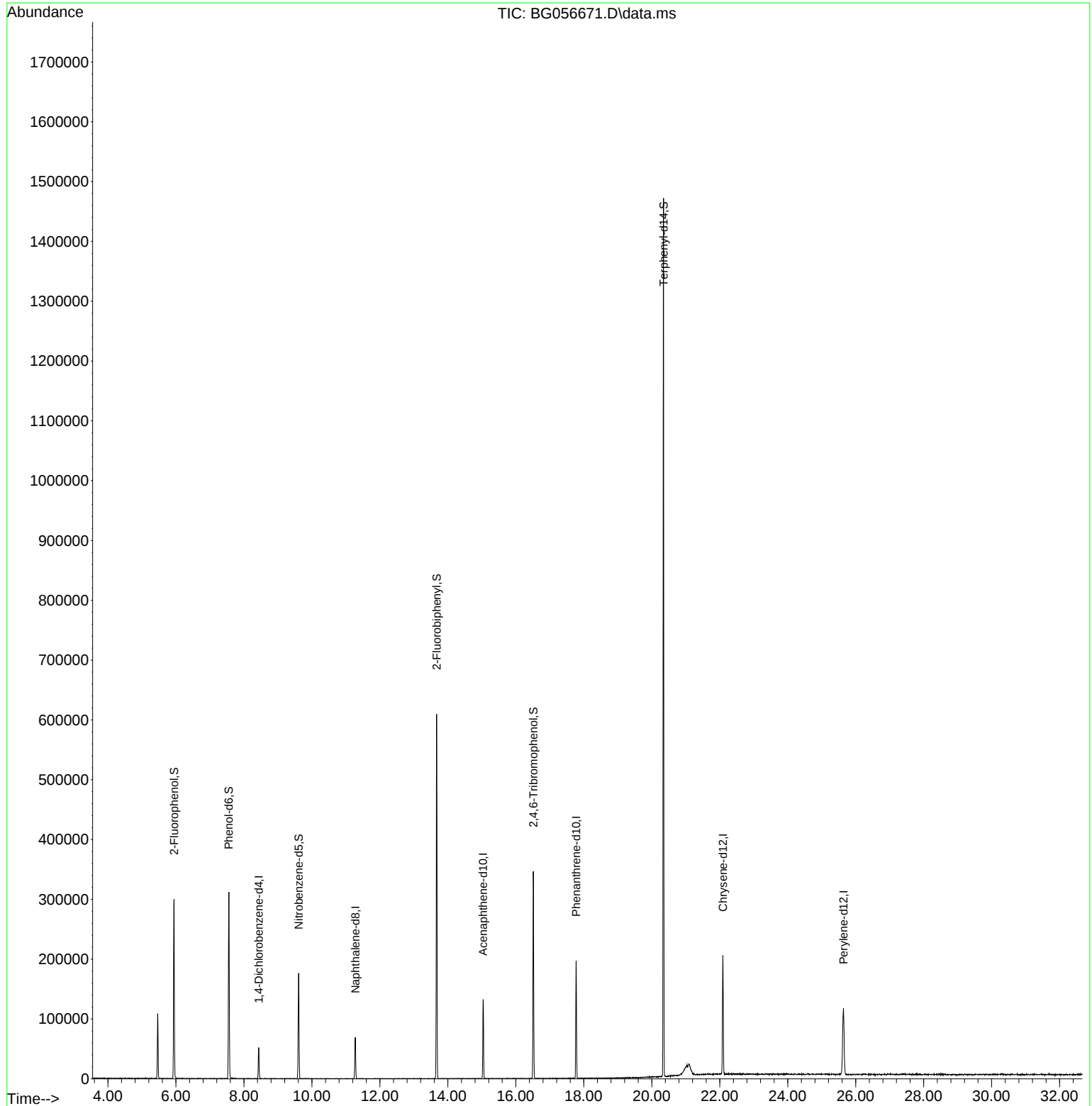
Target Compounds	Qvalue

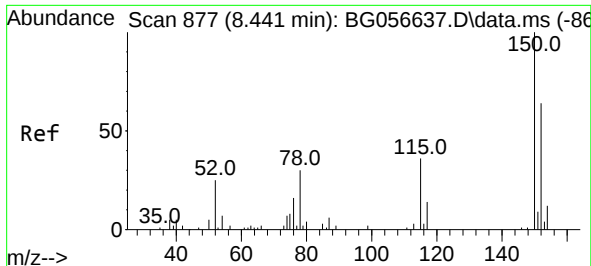
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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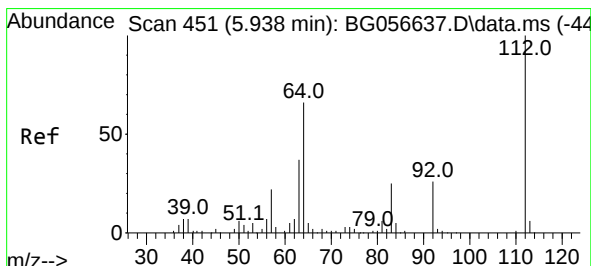
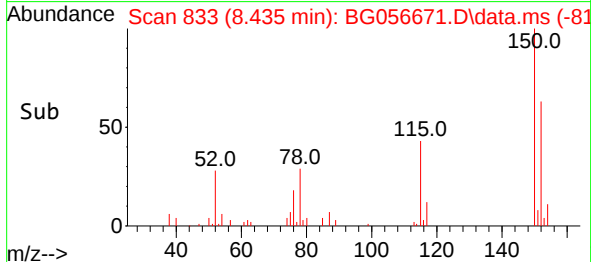
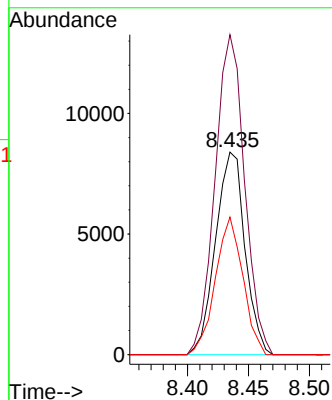
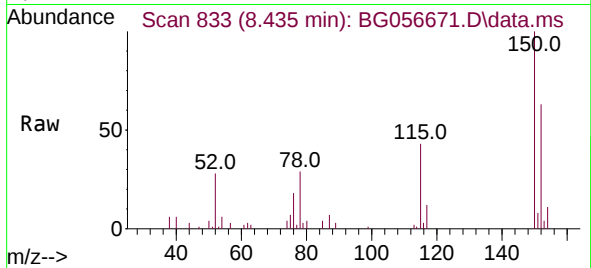




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.435 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

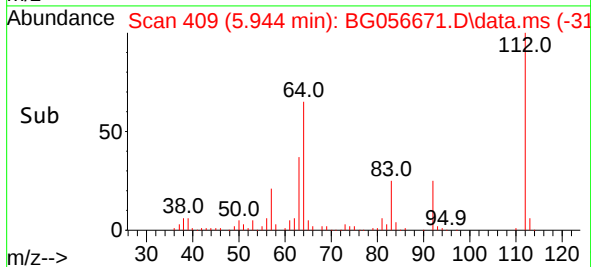
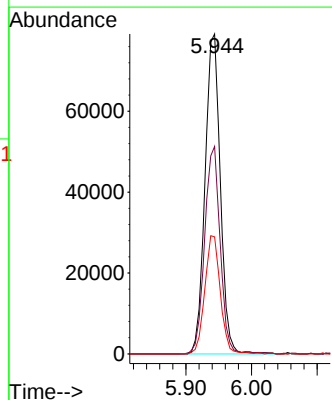
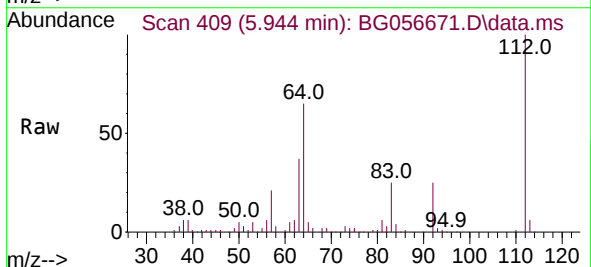
Instrument :
BNA_G
ClientSampleId :
PB150904TB

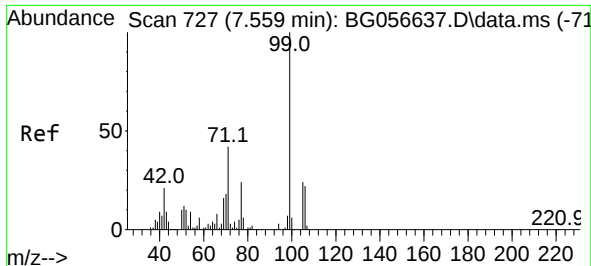
Tgt Ion:152 Resp: 14097
Ion Ratio Lower Upper
152 100
150 158.0 124.8 187.2
115 67.9 44.7 67.1#



#5
2-Fluorophenol
Concen: 147.334 ng
RT: 5.944 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

Tgt Ion:112 Resp: 127651
Ion Ratio Lower Upper
112 100
64 64.8 52.6 78.8
63 36.6 29.8 44.6

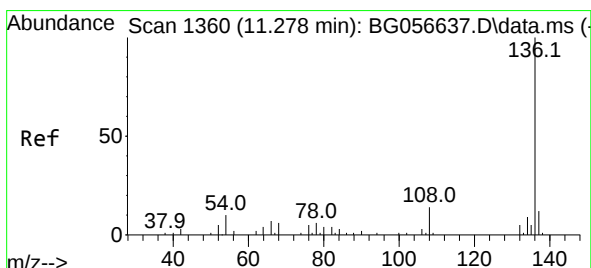
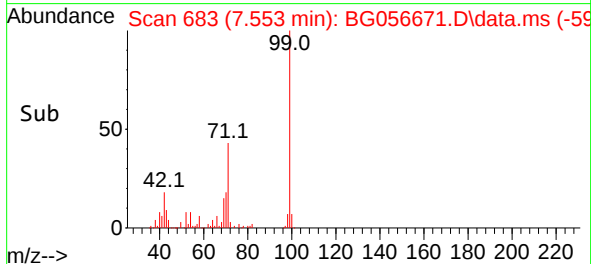
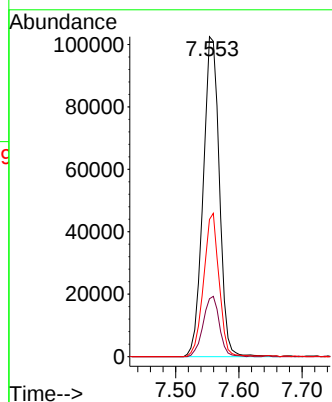
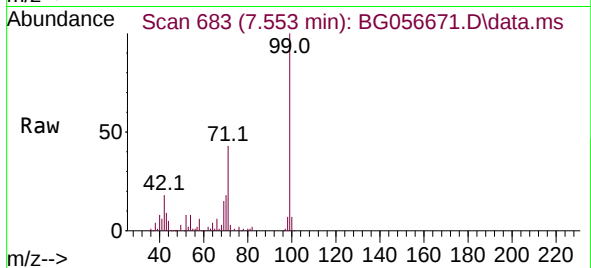




#7
Phenol-d6
Concen: 142.570 ng
RT: 7.553 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

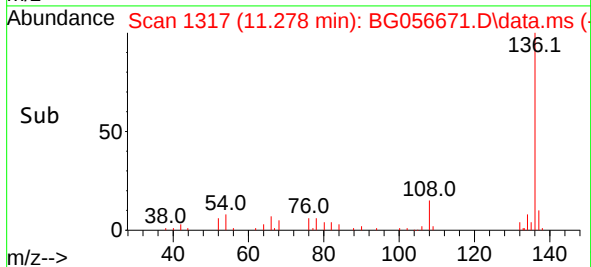
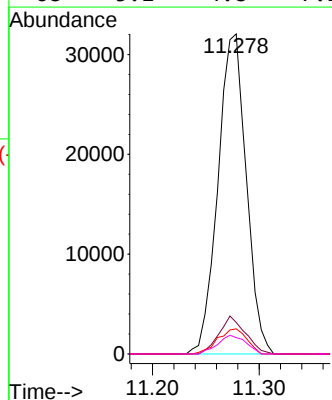
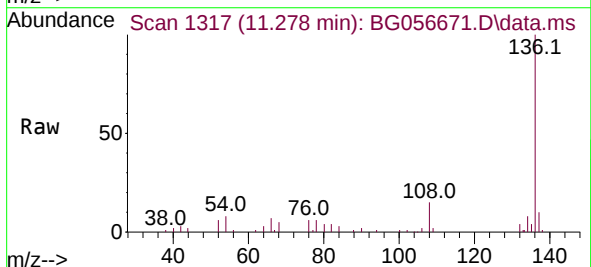
Instrument :
BNA_G
ClientSampleId :
PB150904TB

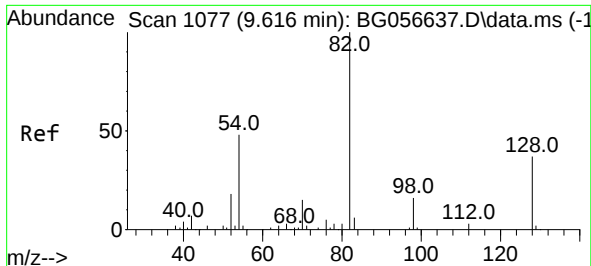
Tgt Ion: 99 Resp: 182463
Ion Ratio Lower Upper
99 100
42 18.1 16.8 25.2
71 42.9 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.278 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

Tgt Ion: 136 Resp: 59137
Ion Ratio Lower Upper
136 100
137 9.8 9.7 14.5
54 7.9 7.7 11.5
68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 89.564 ng

RT: 9.610 min Scan# 10

Delta R.T. -0.006 min

Lab File: BG056671.D

Acq: 20 Feb 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150904TB

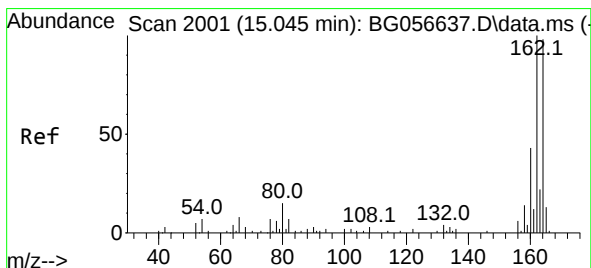
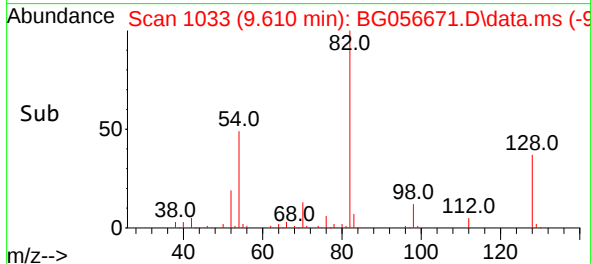
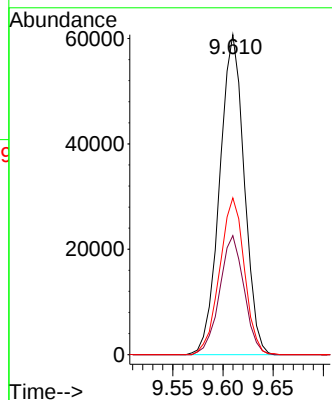
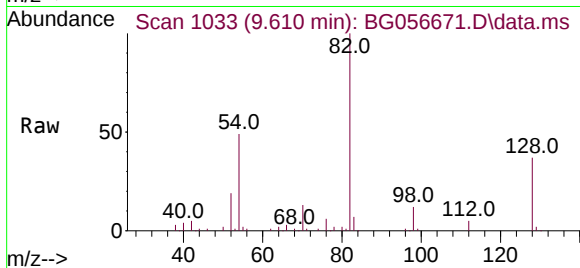
Tgt Ion: 82 Resp: 103446

Ion Ratio Lower Upper

82 100

128 37.2 29.4 44.2

54 49.0 37.8 56.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.039 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BG056671.D

Acq: 20 Feb 2023 13:13

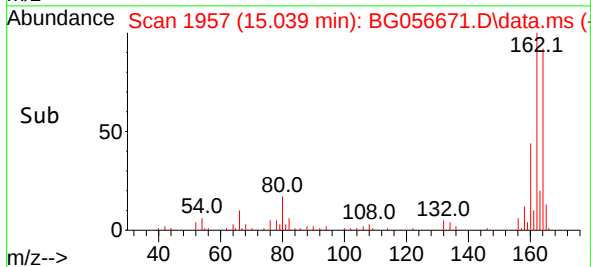
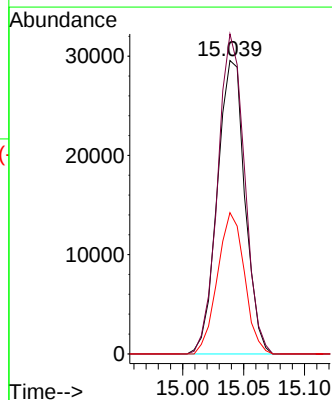
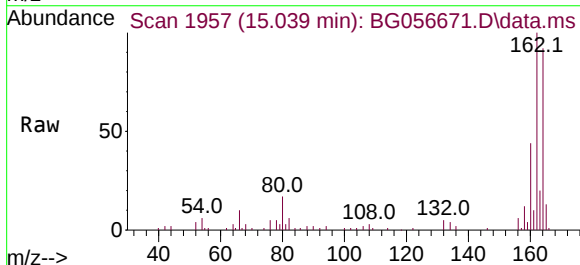
Tgt Ion:164 Resp: 46609

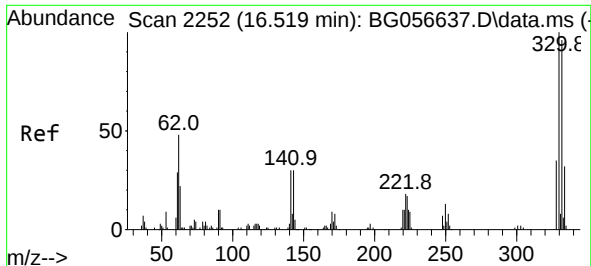
Ion Ratio Lower Upper

164 100

162 109.1 81.3 121.9

160 48.1 35.2 52.8

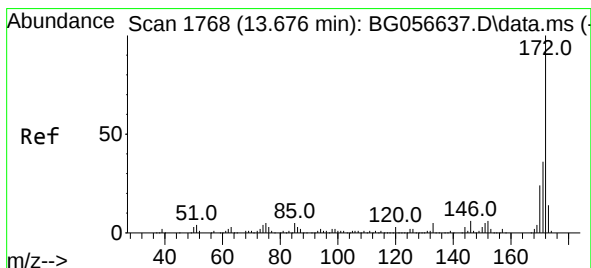
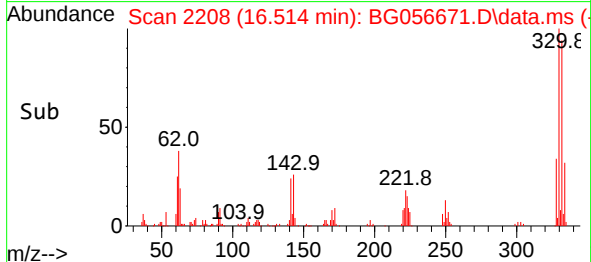
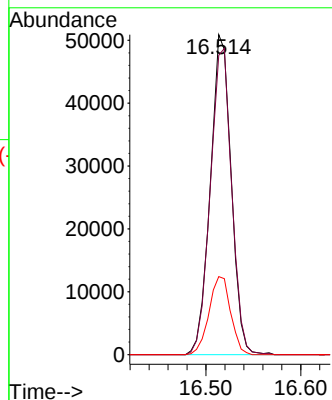
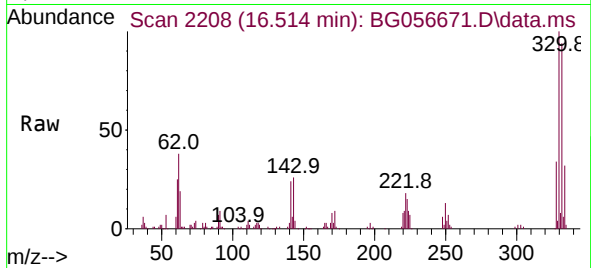




#42
2,4,6-Tribromophenol
Concen: 122.087 ng
RT: 16.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

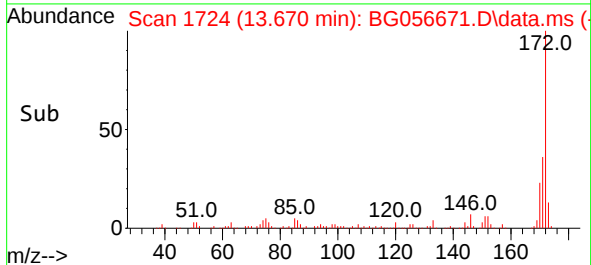
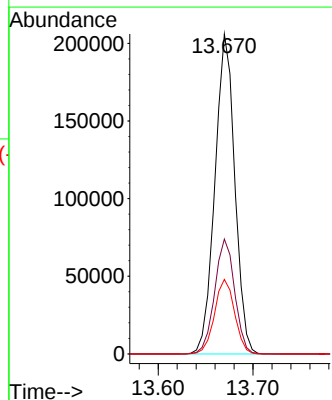
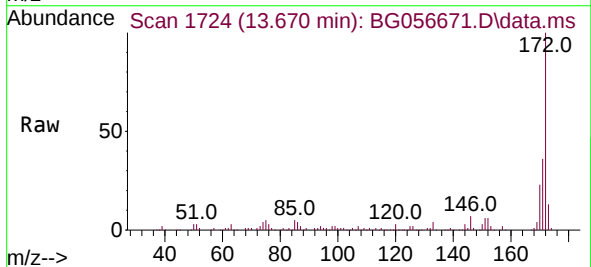
Instrument :
BNA_G
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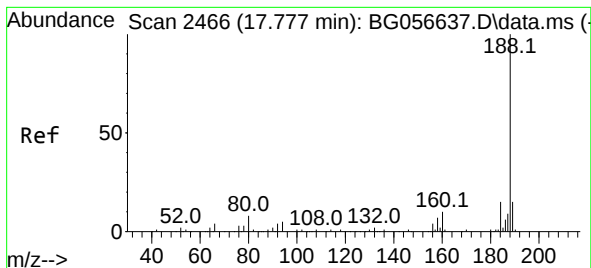
Tgt Ion:330 Resp: 77908
Ion Ratio Lower Upper
330 100
332 98.0 75.7 113.5
141 25.2 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 86.110 ng
RT: 13.670 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

Tgt Ion:172 Resp: 299725
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.3 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.777 min Scan# 24

Delta R.T. -0.000 min

Lab File: BG056671.D

Acq: 20 Feb 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150904TB

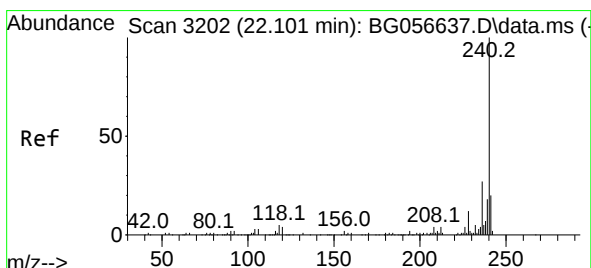
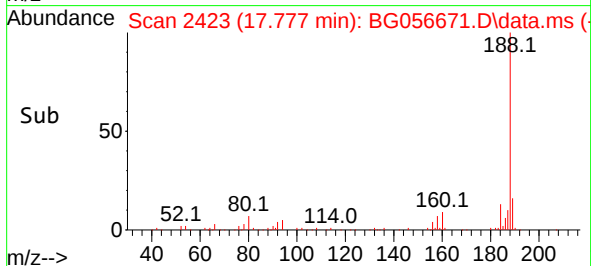
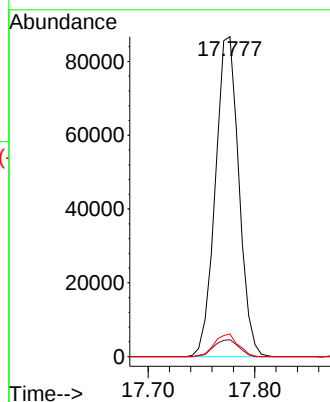
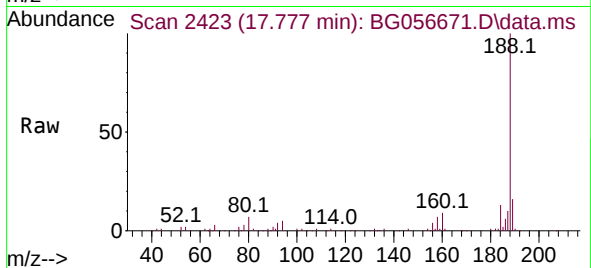
Tgt Ion:188 Resp: 133189

Ion Ratio Lower Upper

188 100

94 5.3 4.0 6.0

80 7.1 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.089 min Scan# 3157

Delta R.T. -0.012 min

Lab File: BG056671.D

Acq: 20 Feb 2023 13:13

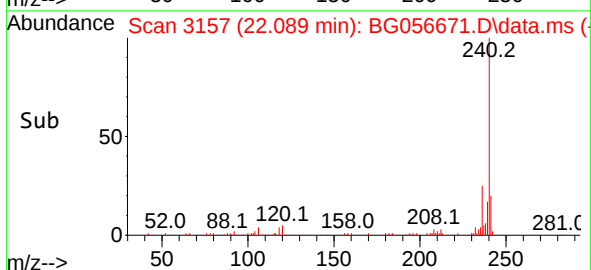
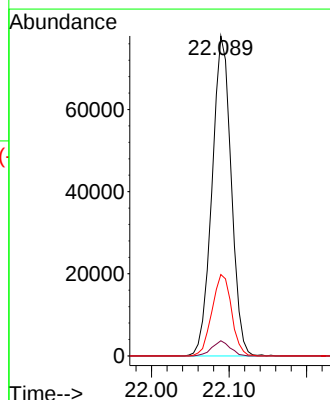
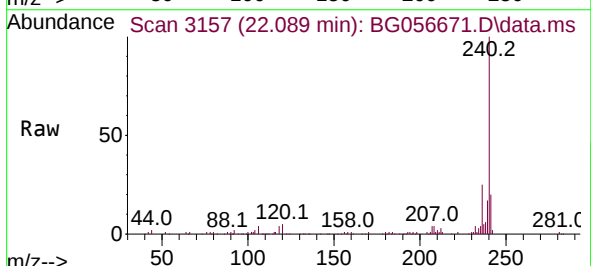
Tgt Ion:240 Resp: 133914

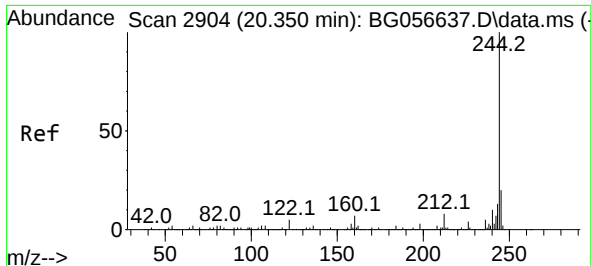
Ion Ratio Lower Upper

240 100

120 4.7 3.5 5.3

236 25.4 21.5 32.3

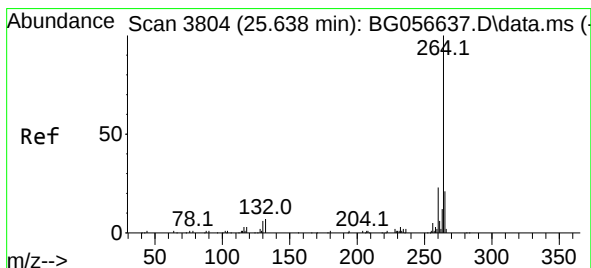
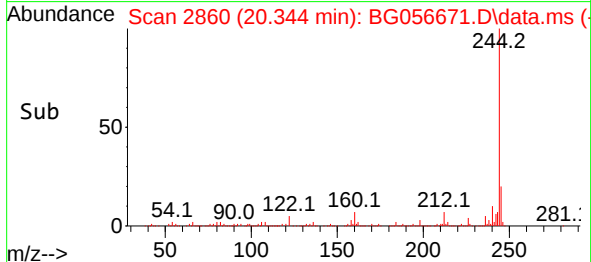
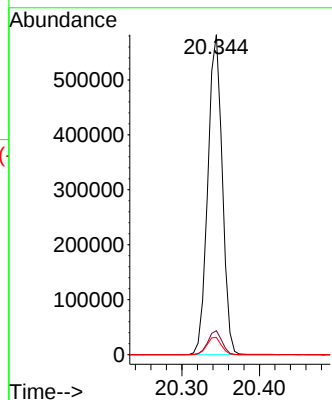
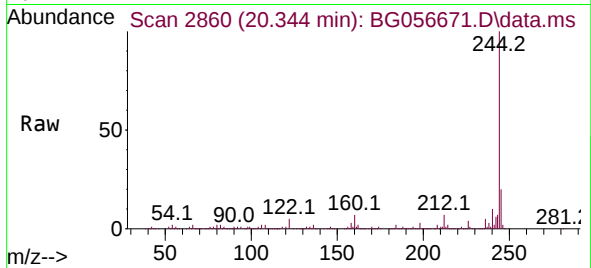




#79
 Terphenyl-d14
 Concen: 91.773 ng
 RT: 20.344 min Scan# 2860
 Delta R.T. -0.006 min
 Lab File: BG056671.D
 Acq: 20 Feb 2023 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB150904TB

Tgt Ion:244 Resp: 751150
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 5.4 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.638 min Scan# 3761
 Delta R.T. -0.000 min
 Lab File: BG056671.D
 Acq: 20 Feb 2023 13:13

Tgt Ion:264 Resp: 144784
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.9 17.0 25.4

