

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056697.D
 Acq On : 22 Feb 2023 14:32
 Operator : CG/JU
 Sample : 01640-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Feb 22 17:16:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 22 14:34:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.427	152	13469	20.000	ng	0.00
21) Naphthalene-d8	11.265	136	56091	20.000	ng	# 0.00
39) Acenaphthene-d10	15.031	164	48862	20.000	ng	0.00
64) Phenanthrene-d10	17.763	188	139487	20.000	ng	#-0.01
76) Chrysene-d12	22.076	240	110662	20.000	ng	-0.01
86) Perylene-d12	25.613	264	123814	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.936	112	89594	108.231	ng	0.00
7) Phenol-d6	7.552	99	132220	108.129	ng	0.00
23) Nitrobenzene-d5	9.602	82	85458	78.008	ng	0.00
42) 2,4,6-Tribromophenol	16.506	330	85513	127.826	ng	0.00
45) 2-Fluorobiphenyl	13.662	172	214075	58.667	ng	0.00
79) Terphenyl-d14	20.331	244	462921	68.442	ng	0.00

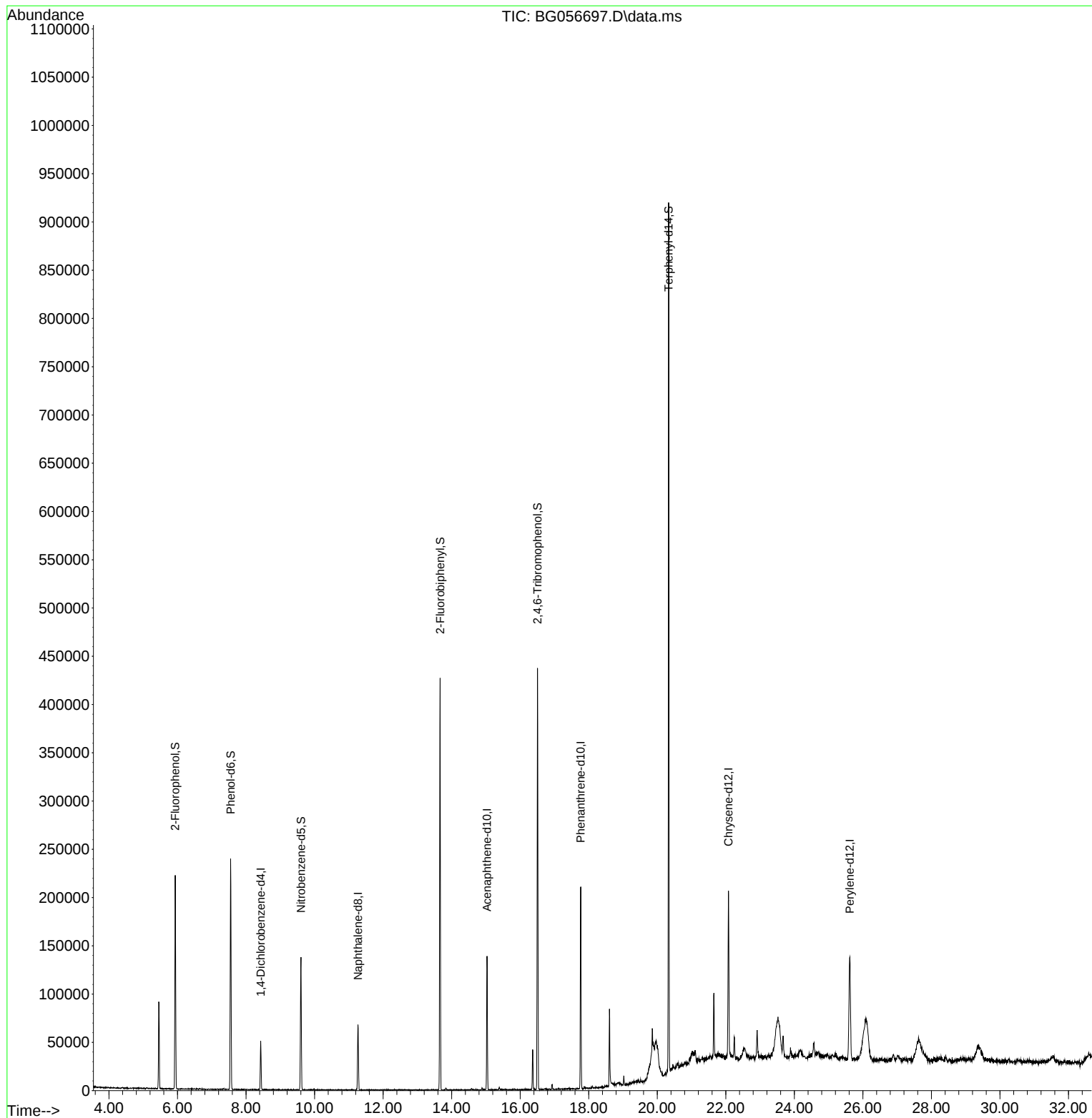
Target Compounds Qvalue

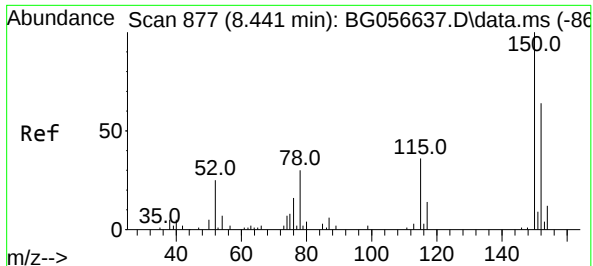
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056697.D
Acq On : 22 Feb 2023 14:32
Operator : CG/JU
Sample : 01640-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4

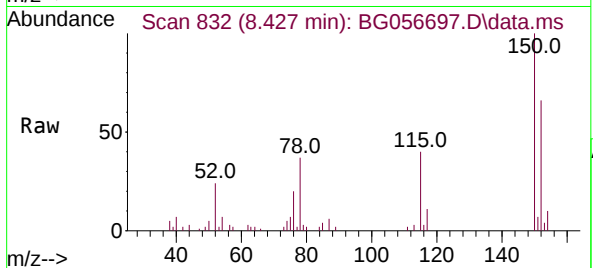
Quant Time: Feb 22 17:16:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 22 14:34:57 2023
Response via : Initial Calibration



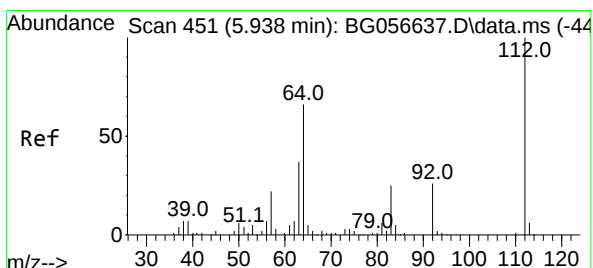
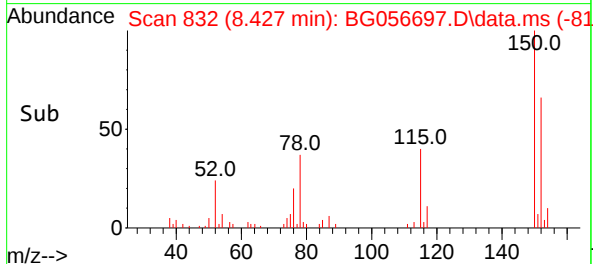
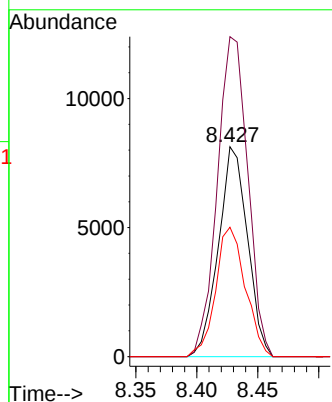


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.427 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056697.D
Acq: 22 Feb 2023 14:32

Instrument :
BNA_G
ClientSampleId :
TP-4

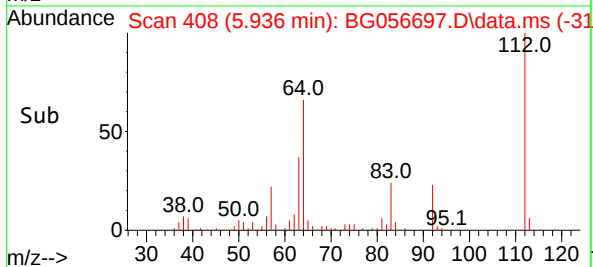
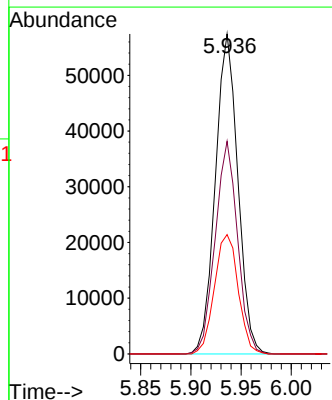
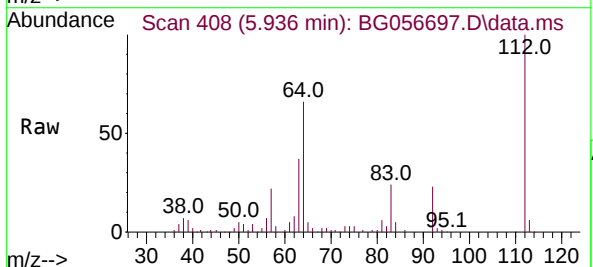


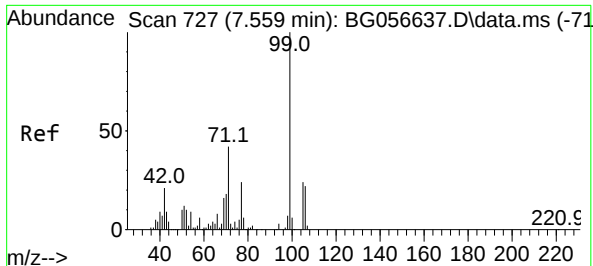
Tgt Ion:152 Resp: 13469
Ion Ratio Lower Upper
152 100
150 152.5 124.8 187.2
115 61.6 44.7 67.1



#5
2-Fluorophenol
Concen: 108.231 ng
RT: 5.936 min Scan# 408
Delta R.T. 0.001 min
Lab File: BG056697.D
Acq: 22 Feb 2023 14:32

Tgt Ion:112 Resp: 89594
Ion Ratio Lower Upper
112 100
64 66.4 52.6 78.8
63 37.3 29.8 44.6

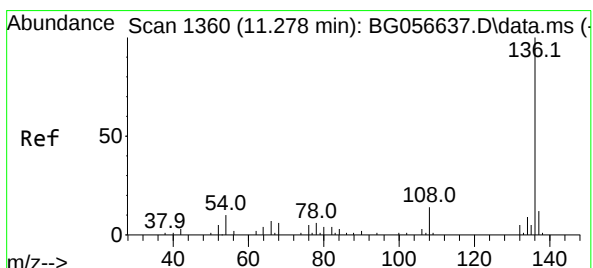
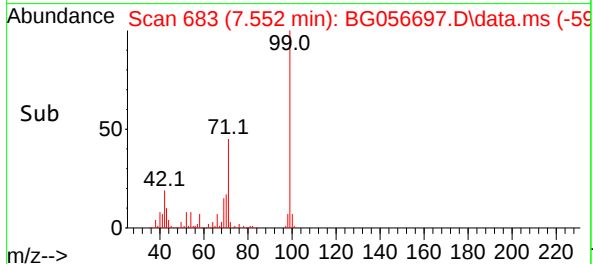
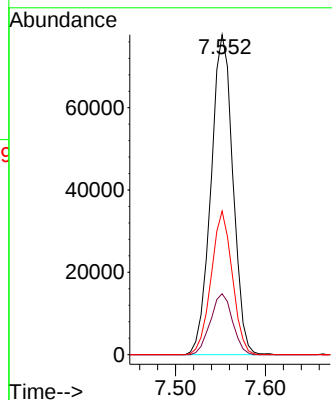
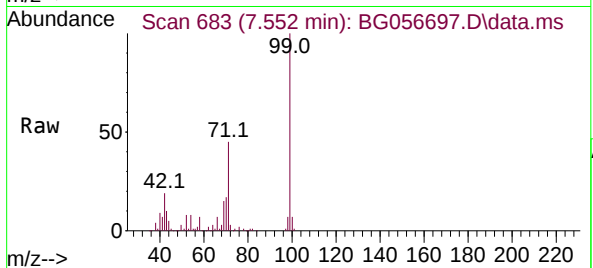




#7
Phenol-d6
Concen: 108.129 ng
RT: 7.552 min Scan# 68
Delta R.T. -0.005 min
Lab File: BG056697.D
Acq: 22 Feb 2023 14:32

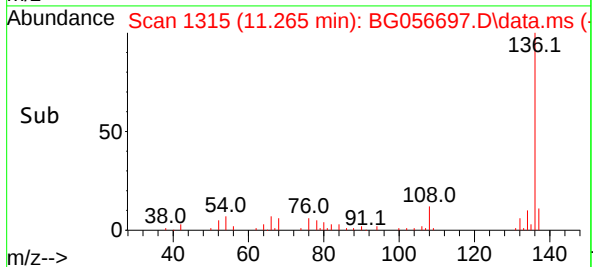
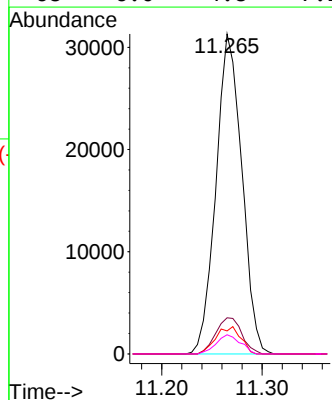
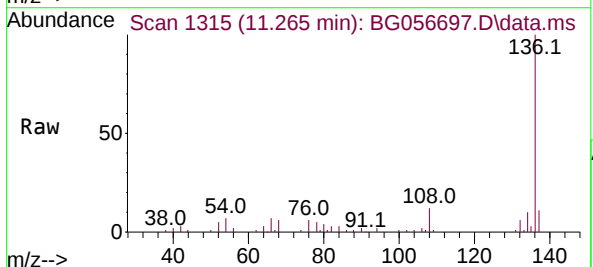
Instrument :
BNA_G
ClientSampleId :
TP-4

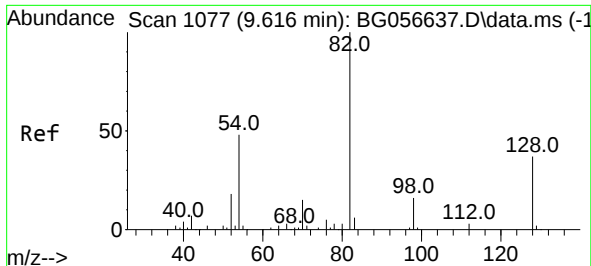
Tgt Ion: 99 Resp: 132220
Ion Ratio Lower Upper
99 100
42 19.1 16.8 25.2
71 44.8 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.265 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BG056697.D
Acq: 22 Feb 2023 14:32

Tgt Ion: 136 Resp: 56091
Ion Ratio Lower Upper
136 100
137 11.3 9.7 14.5
54 7.2 7.7 11.5#
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 78.008 ng

RT: 9.602 min Scan# 10

Delta R.T. 0.001 min

Lab File: BG056697.D

Acq: 22 Feb 2023 14:32

Instrument :

BNA_G

ClientSampleId :

TP-4

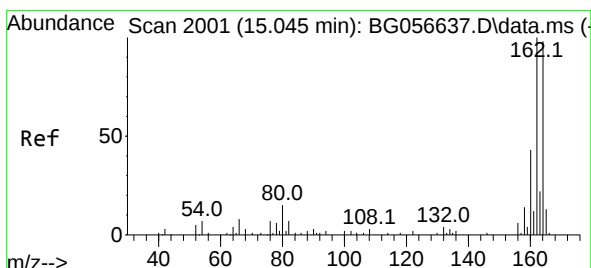
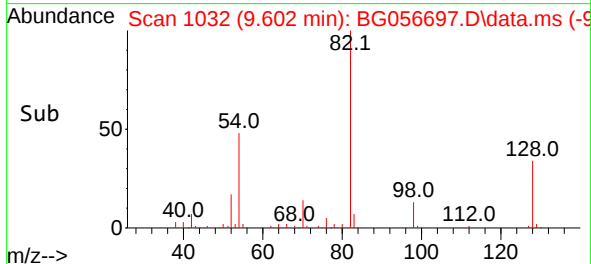
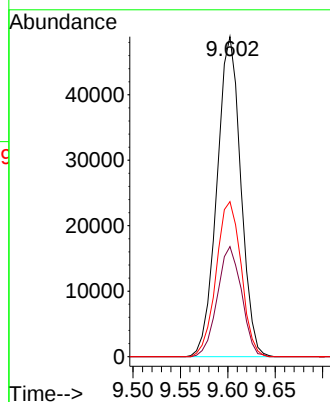
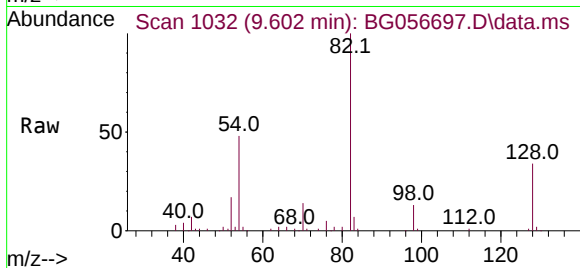
Tgt Ion: 82 Resp: 85458

Ion Ratio Lower Upper

82 100

128 34.4 29.4 44.2

54 48.4 37.8 56.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.031 min Scan# 1956

Delta R.T. -0.005 min

Lab File: BG056697.D

Acq: 22 Feb 2023 14:32

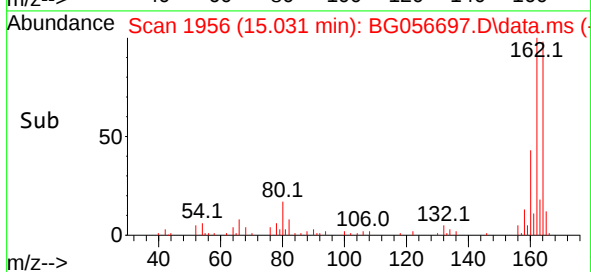
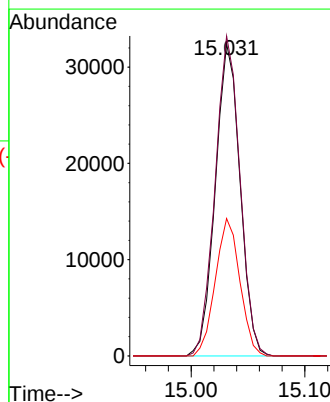
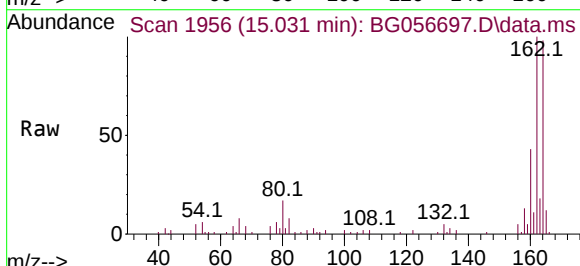
Tgt Ion:164 Resp: 48862

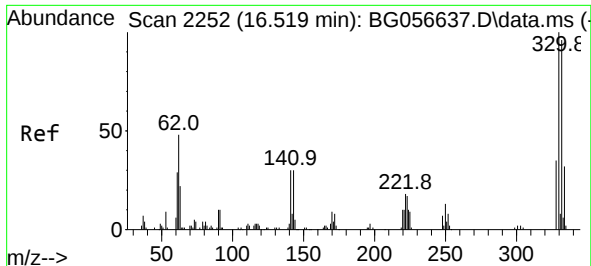
Ion Ratio Lower Upper

164 100

162 102.5 81.3 121.9

160 44.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 127.826 ng

RT: 16.506 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG056697.D

Acq: 22 Feb 2023 14:32

Instrument :

BNA_G

ClientSampleId :

TP-4

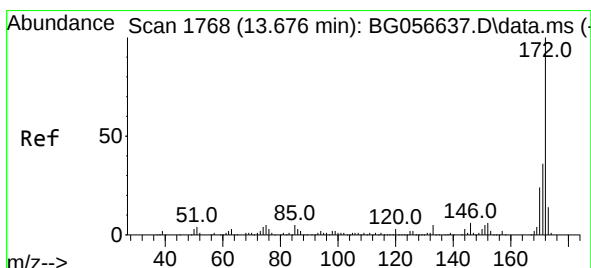
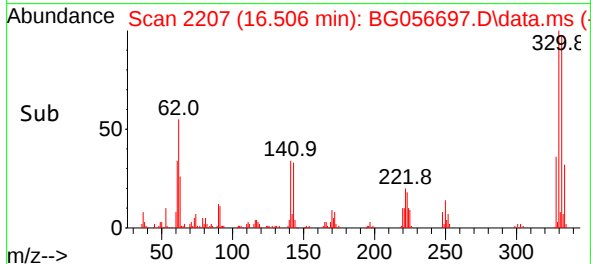
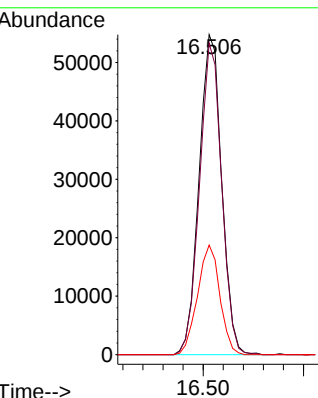
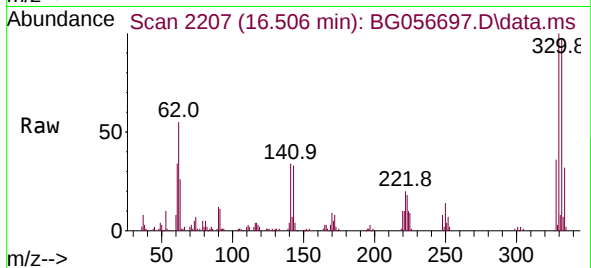
Tgt Ion:330 Resp: 85513

Ion Ratio Lower Upper

330 100

332 95.3 75.7 113.5

141 33.7 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 58.667 ng

RT: 13.662 min Scan# 1723

Delta R.T. -0.005 min

Lab File: BG056697.D

Acq: 22 Feb 2023 14:32

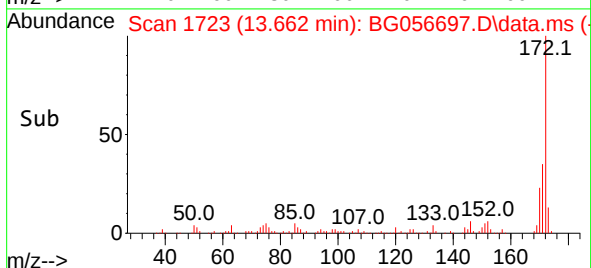
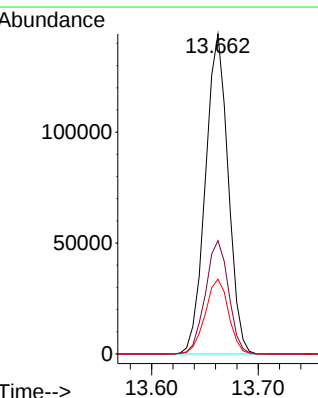
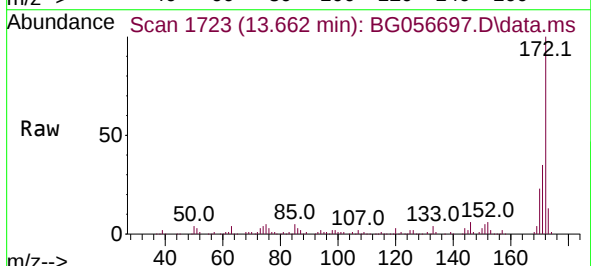
Tgt Ion:172 Resp: 214075

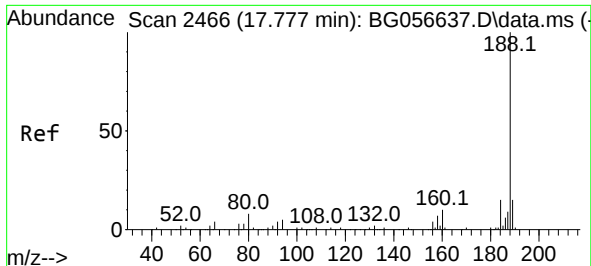
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.3 19.4 29.0

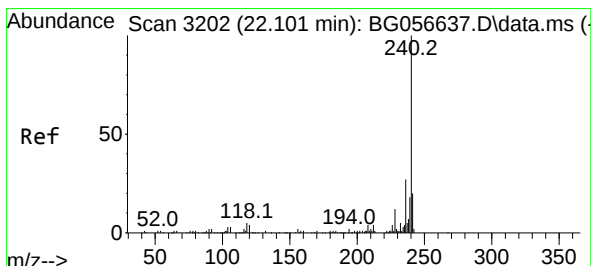
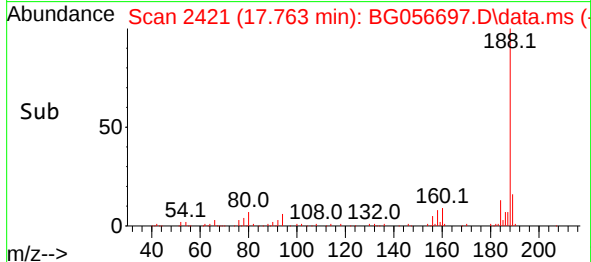
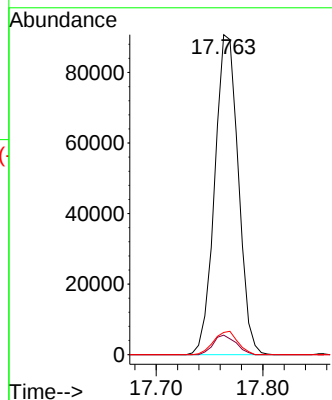
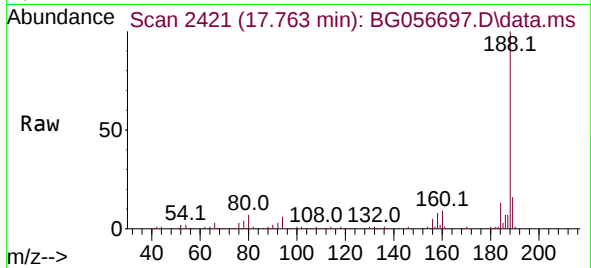




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.763 min Scan# 2466
Delta R.T. -0.011 min
Lab File: BG056697.D
Acq: 22 Feb 2023 14:32

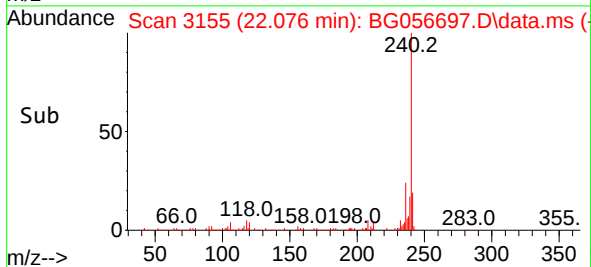
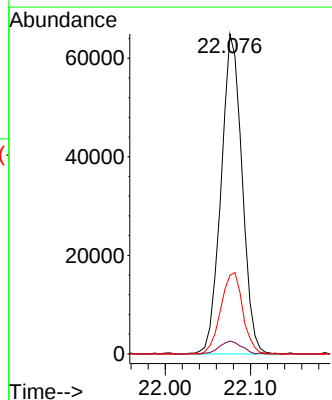
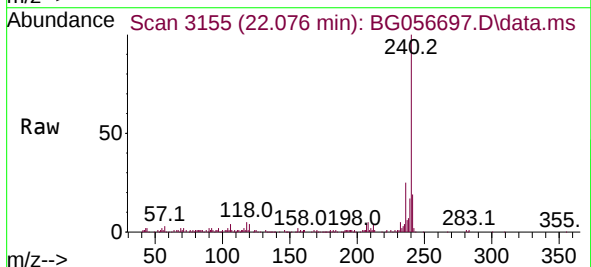
Instrument :
BNA_G
ClientSampleId :
TP-4

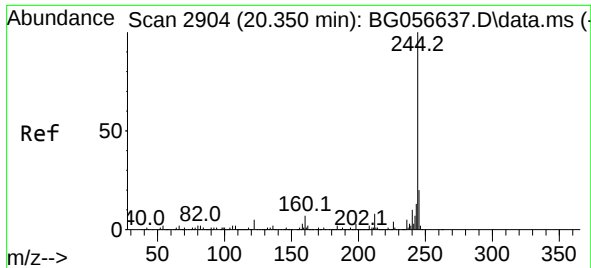
Tgt Ion:188 Resp: 139487
Ion Ratio Lower Upper
188 100
94 6.1 4.0 6.0#
80 6.9 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.076 min Scan# 3155
Delta R.T. -0.011 min
Lab File: BG056697.D
Acq: 22 Feb 2023 14:32

Tgt Ion:240 Resp: 110662
Ion Ratio Lower Upper
240 100
120 4.0 3.5 5.3
236 24.6 21.5 32.3

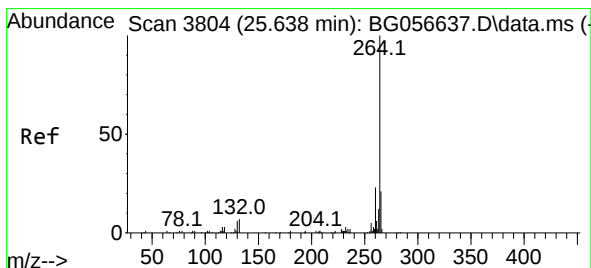
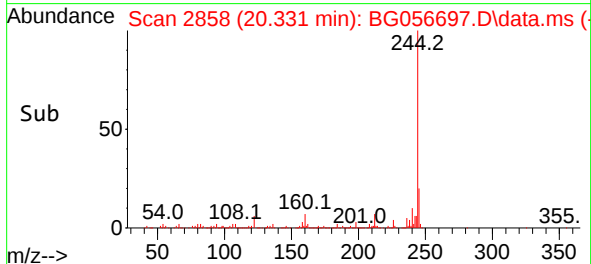
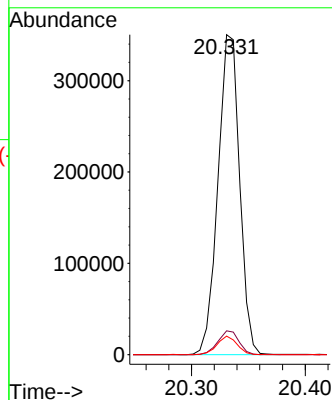
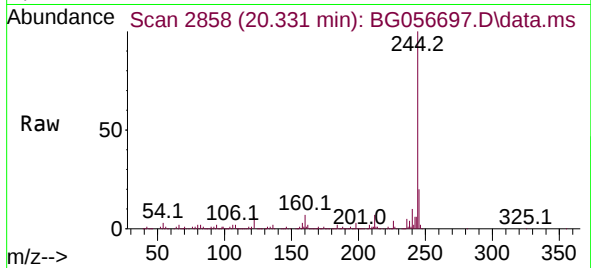




#79
 Terphenyl-d14
 Concen: 68.442 ng
 RT: 20.331 min Scan# 2858
 Delta R.T. -0.005 min
 Lab File: BG056697.D
 Acq: 22 Feb 2023 14:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 462921
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 5.8 3.8 5.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.613 min Scan# 3757
 Delta R.T. -0.011 min
 Lab File: BG056697.D
 Acq: 22 Feb 2023 14:32

Tgt Ion:264 Resp: 123814
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 23.4 17.0 25.4

