

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056694.D
 Acq On : 22 Feb 2023 12:22
 Operator : CG/JU
 Sample : PB150924TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150924TB

Quant Time: Feb 22 14:41:58 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	8.426	152	15150	20.000	ng	0.00
21) Naphthalene-d8	11.270	136	65351	20.000	ng	0.00
39) Acenaphthene-d10	15.030	164	51814	20.000	ng	0.00
64) Phenanthrene-d10	17.768	188	147677	20.000	ng	# 0.00
76) Chrysene-d12	22.081	240	122396	20.000	ng	0.00
86) Perylene-d12	25.618	264	131252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.935	112	137610	147.790	ng	0.00
7) Phenol-d6	7.551	99	201023	146.155	ng	0.00
23) Nitrobenzene-d5	9.601	82	130064	101.903	ng	0.00
42) 2,4,6-Tribromophenol	16.511	330	109635	154.547	ng	0.00
45) 2-Fluorobiphenyl	13.661	172	324980	83.986	ng	0.00
79) Terphenyl-d14	20.336	244	744056	99.461	ng	0.00

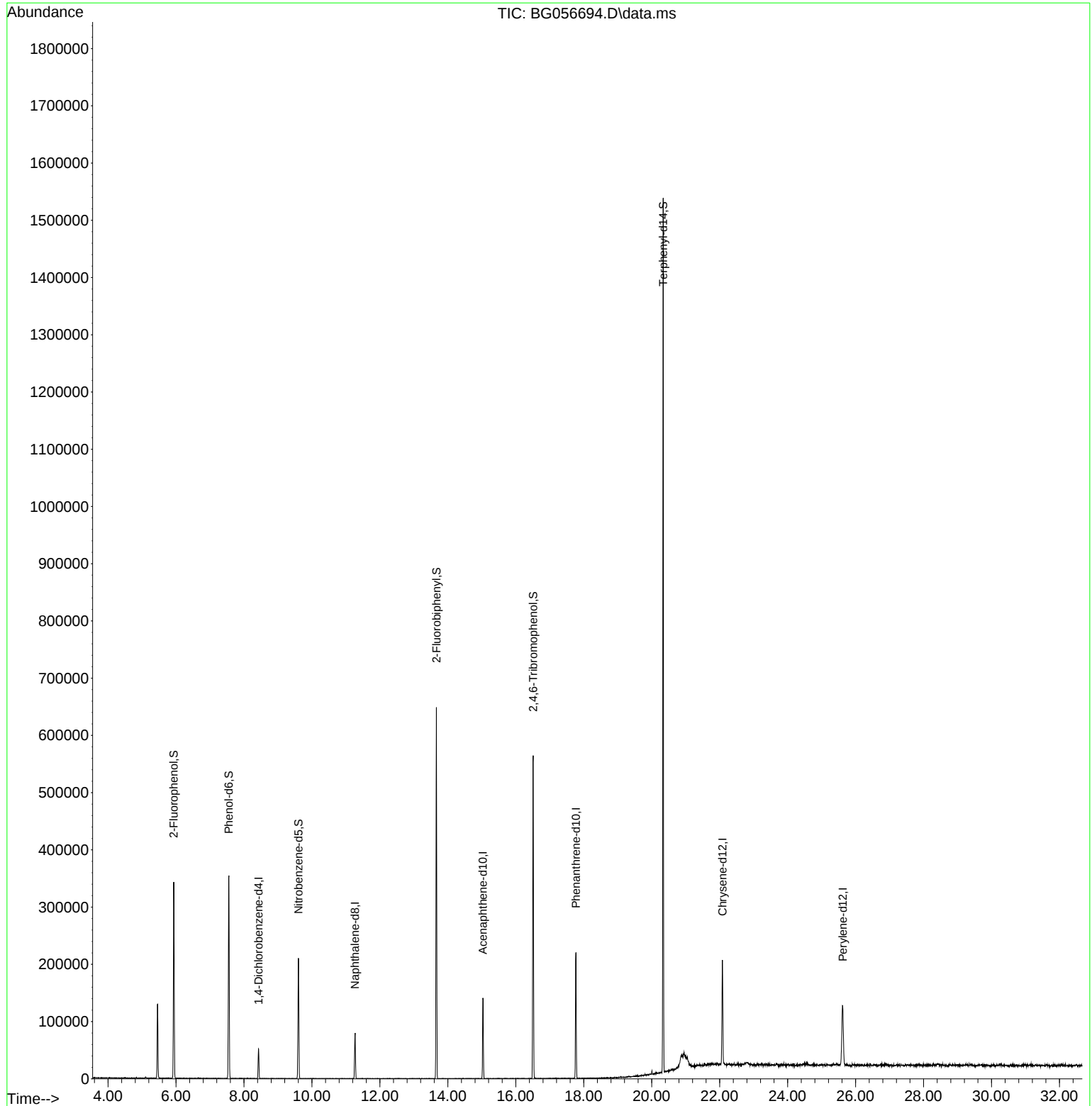
Target Compounds	Qvalue

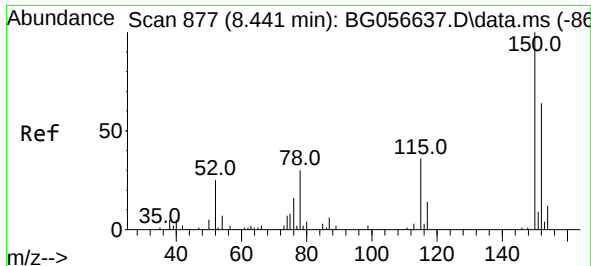
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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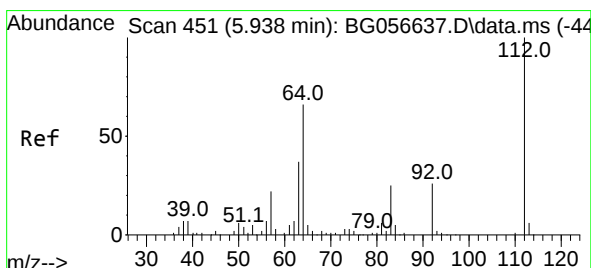
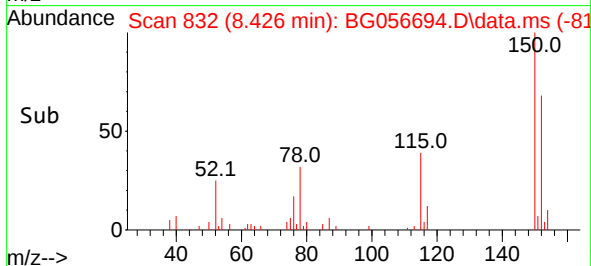
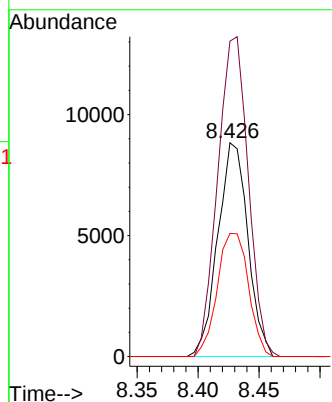
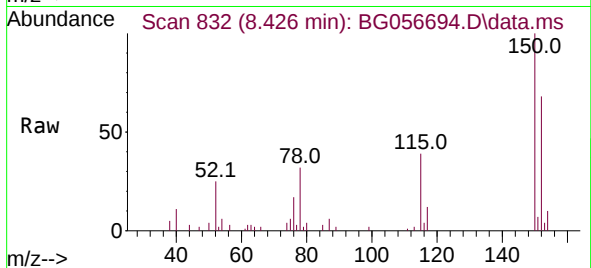




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.426 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056694.D
Acq: 22 Feb 2023 12:22

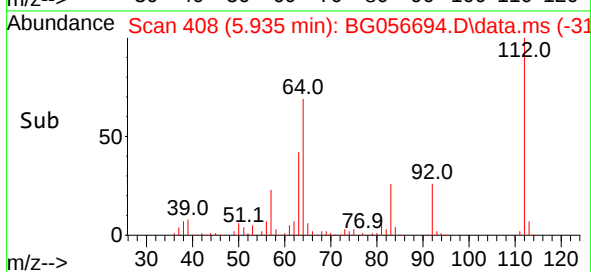
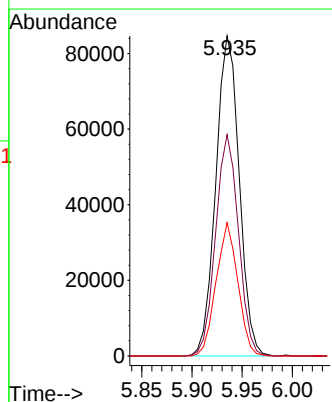
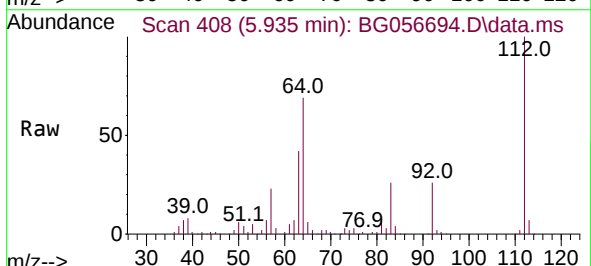
Instrument :
BNA_G
ClientSampleId :
PB150924TB

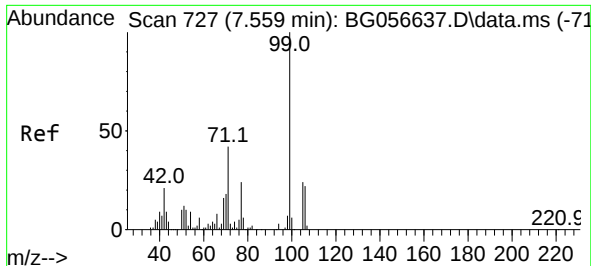
Tgt Ion:152 Resp: 15150
Ion Ratio Lower Upper
152 100
150 147.5 124.8 187.2
115 57.6 44.7 67.1



#5
2-Fluorophenol
Concen: 147.790 ng
RT: 5.935 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG056694.D
Acq: 22 Feb 2023 12:22

Tgt Ion:112 Resp: 137610
Ion Ratio Lower Upper
112 100
64 69.1 52.6 78.8
63 41.6 29.8 44.6

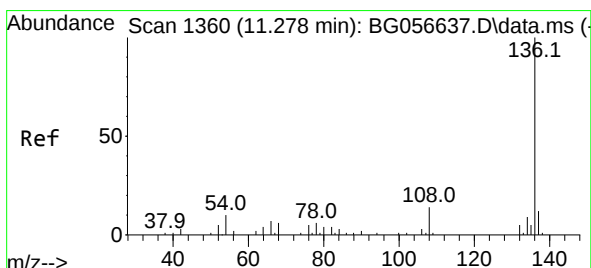
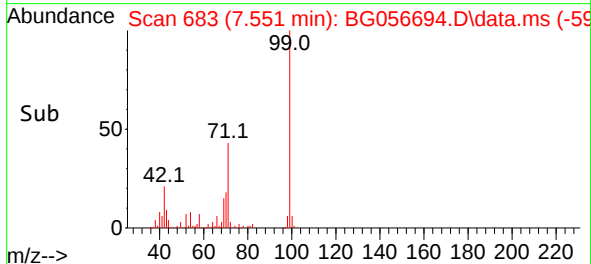
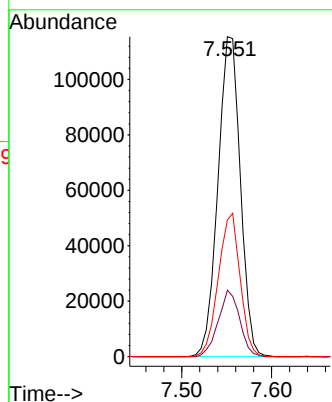
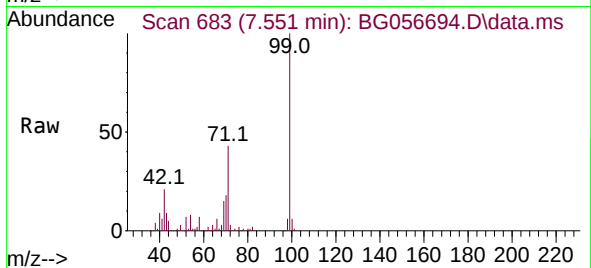




#7
Phenol-d6
Concen: 146.155 ng
RT: 7.551 min Scan# 68
Delta R.T. -0.006 min
Lab File: BG056694.D
Acq: 22 Feb 2023 12:22

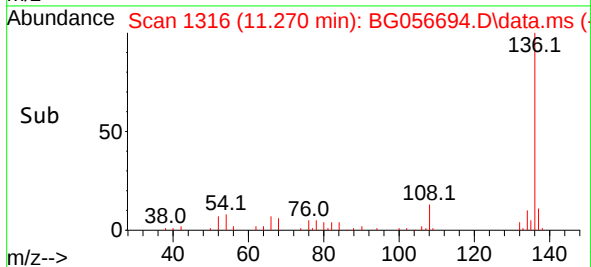
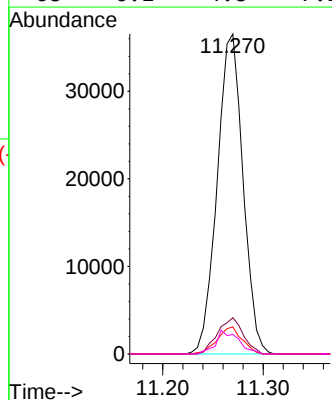
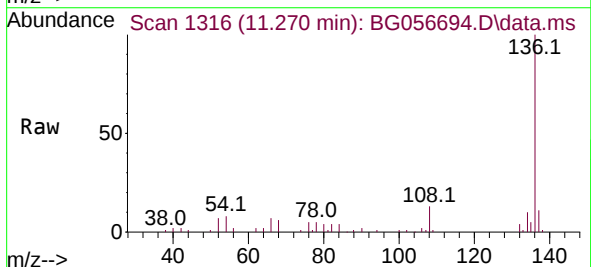
Instrument :
BNA_G
ClientSampleId :
PB150924TB

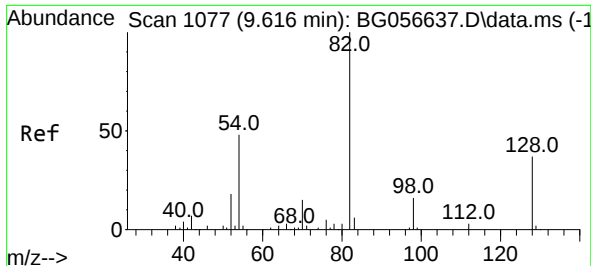
Tgt Ion: 99 Resp: 201023
Ion Ratio Lower Upper
99 100
42 20.8 16.8 25.2
71 42.7 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.270 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BG056694.D
Acq: 22 Feb 2023 12:22

Tgt Ion: 136 Resp: 65351
Ion Ratio Lower Upper
136 100
137 11.3 9.7 14.5
54 8.4 7.7 11.5
68 6.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 101.903 ng

RT: 9.601 min Scan# 1077

Delta R.T. -0.000 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

Instrument :

BNA_G

ClientSampleId :

PB150924TB

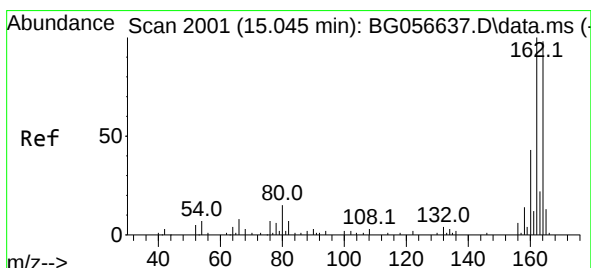
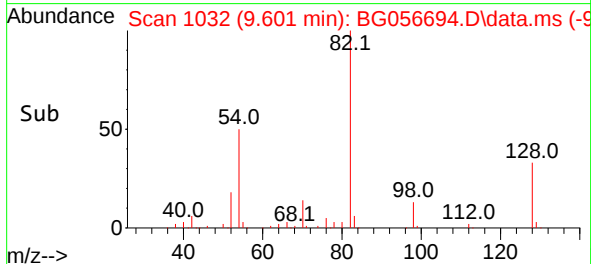
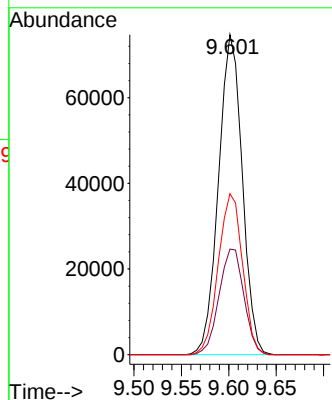
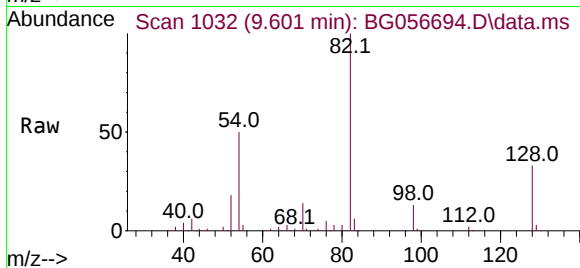
Tgt Ion: 82 Resp: 130064

Ion Ratio Lower Upper

82 100

128 33.0 29.4 44.2

54 50.3 37.8 56.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.030 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

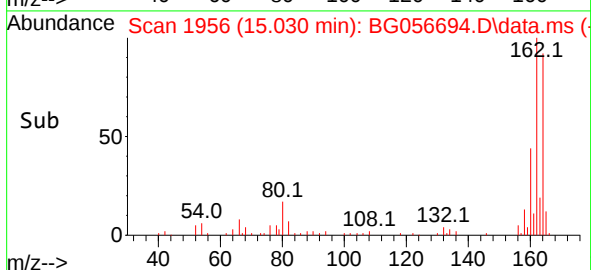
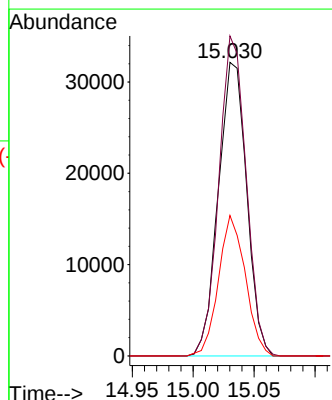
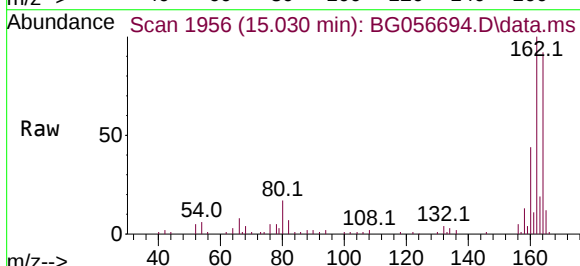
Tgt Ion:164 Resp: 51814

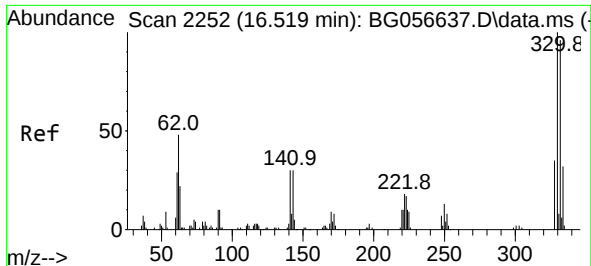
Ion Ratio Lower Upper

164 100

162 109.0 81.3 121.9

160 47.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 154.547 ng

RT: 16.511 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

Instrument :

BNA_G

ClientSampleId :

PB150924TB

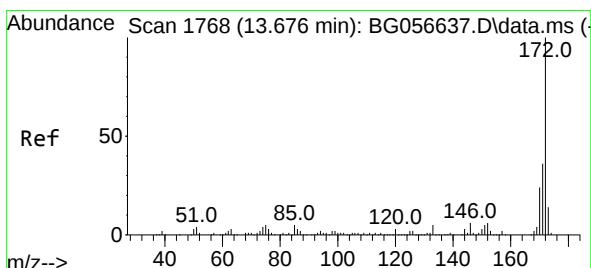
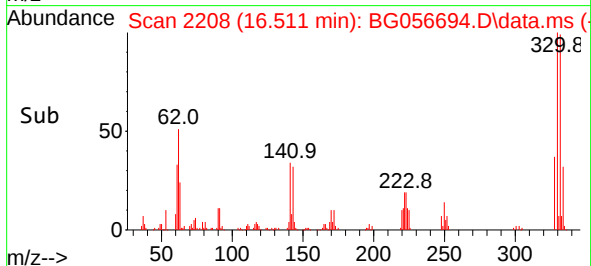
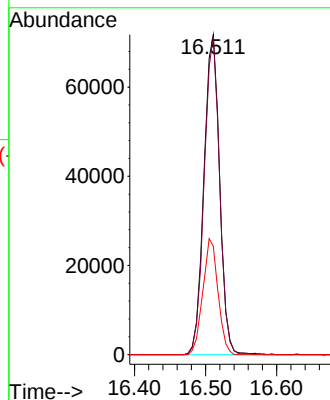
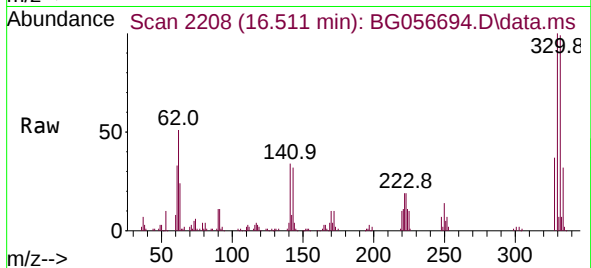
Tgt Ion:330 Resp: 109635

Ion Ratio Lower Upper

330 100

332 97.4 75.7 113.5

141 35.0 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 83.986 ng

RT: 13.661 min Scan# 1723

Delta R.T. -0.006 min

Lab File: BG056694.D

Acq: 22 Feb 2023 12:22

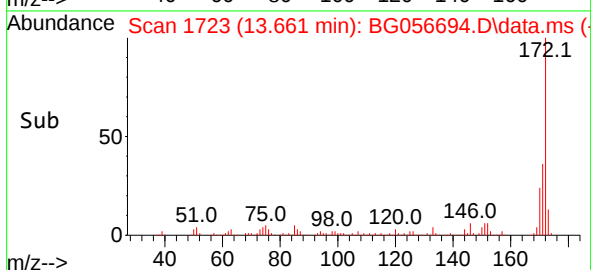
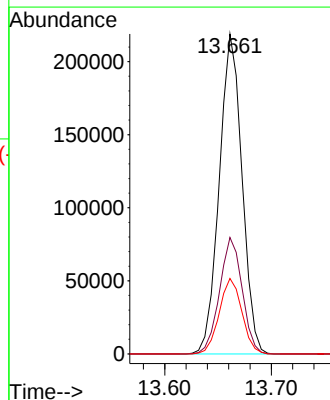
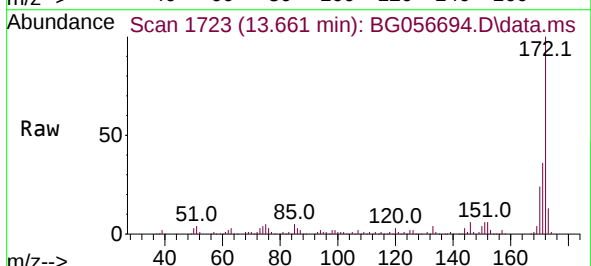
Tgt Ion:172 Resp: 324980

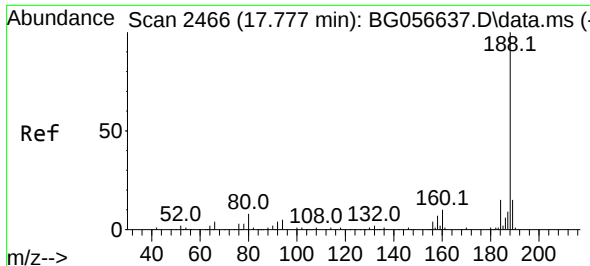
Ion Ratio Lower Upper

172 100

171 36.4 28.6 43.0

170 23.6 19.4 29.0

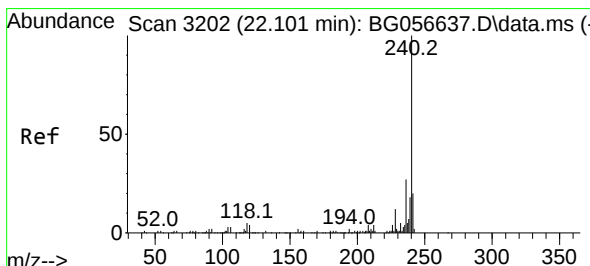
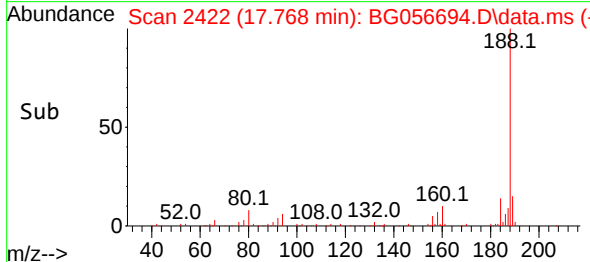
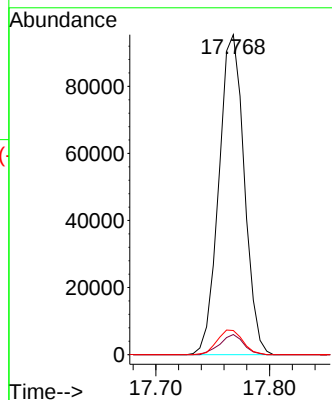
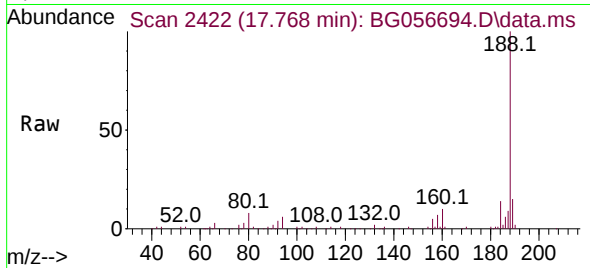




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.768 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG056694.D
Acq: 22 Feb 2023 12:22

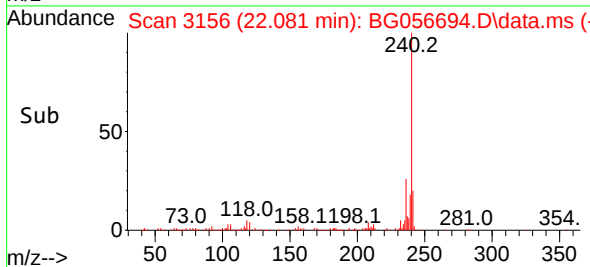
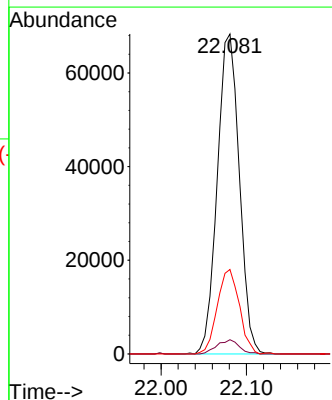
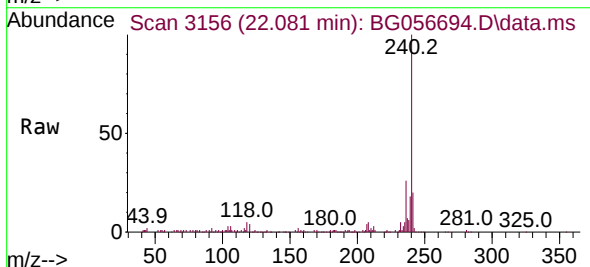
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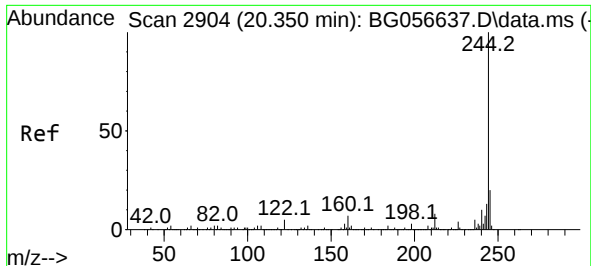
Tgt Ion:188 Resp: 147677
Ion Ratio Lower Upper
188 100
94 6.3 4.0 6.0#
80 7.5 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.081 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BG056694.D
Acq: 22 Feb 2023 12:22

Tgt Ion:240 Resp: 122396
Ion Ratio Lower Upper
240 100
120 4.4 3.5 5.3
236 26.4 21.5 32.3

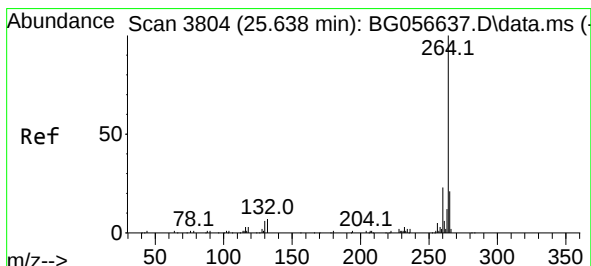
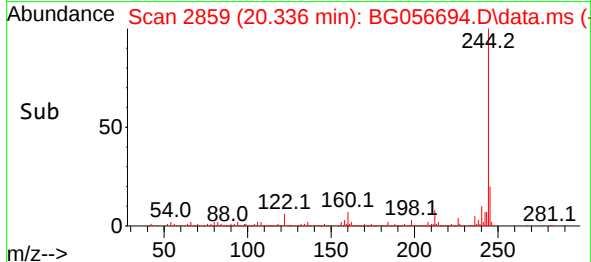
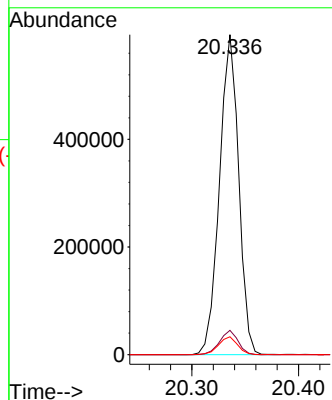
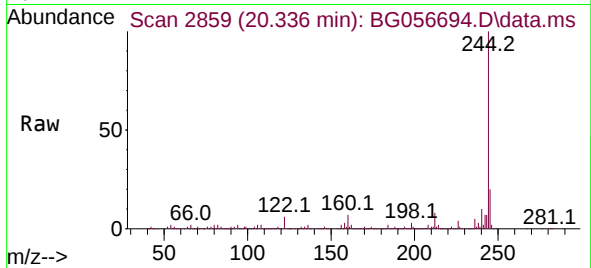




#79
 Terphenyl-d14
 Concen: 99.461 ng
 RT: 20.336 min Scan# 2859
 Delta R.T. -0.000 min
 Lab File: BG056694.D
 Acq: 22 Feb 2023 12:22

Instrument :
 BNA_G
 ClientSampleId :
 PB150924TB

Tgt Ion:244 Resp: 744056
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 5.6 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.618 min Scan# 3758
 Delta R.T. -0.006 min
 Lab File: BG056694.D
 Acq: 22 Feb 2023 12:22

Tgt Ion:264 Resp: 131252
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.3 17.0 25.4

