

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053646.D
 Acq On : 20 May 2022 16:26
 Operator : CG/JU
 Sample : N2872-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01

Quant Time: May 23 01:31:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	29562	20.000	ng	0.00
21) Naphthalene-d8	10.877	136	115266	20.000	ng	0.00
39) Acenaphthene-d10	14.696	164	81049	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	183893	20.000	ng	-0.01
76) Chrysene-d12	21.716	240	174381	20.000	ng	-0.02
86) Perylene-d12	24.988	264	171772	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	247485	142.079	ng	0.00
7) Phenol-d6	7.235	99	374148	141.531	ng	0.00
23) Nitrobenzene-d5	9.233	82	259912	95.987	ng	0.00
42) 2,4,6-Tribromophenol	16.188	330	160650	134.393	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	550240	99.206	ng	-0.01
79) Terphenyl-d14	20.047	244	912798	97.491	ng	0.00

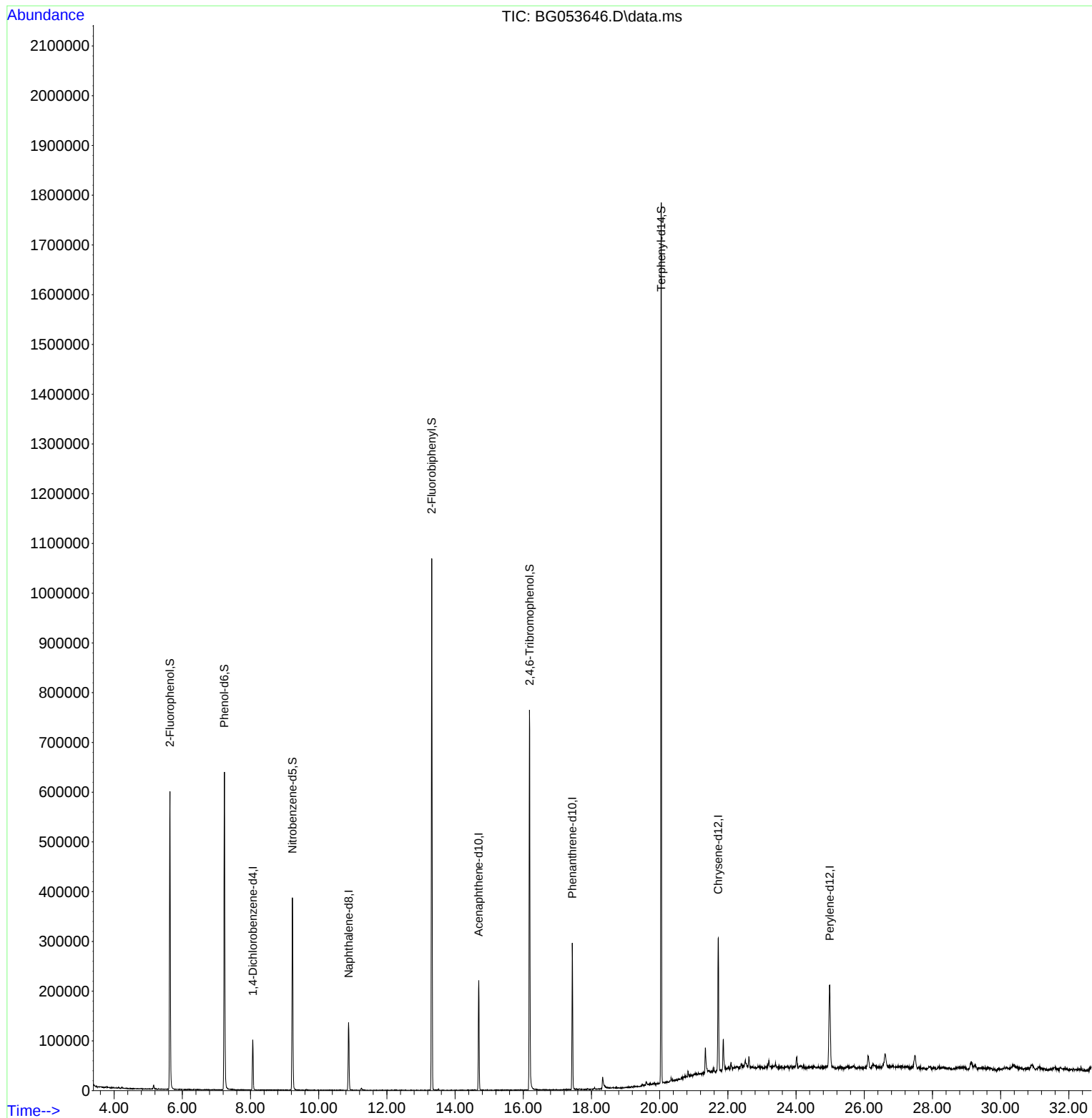
Target Compounds	Qvalue

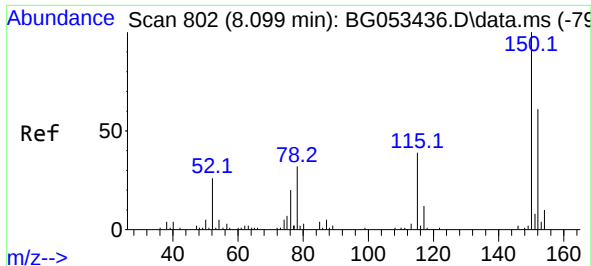
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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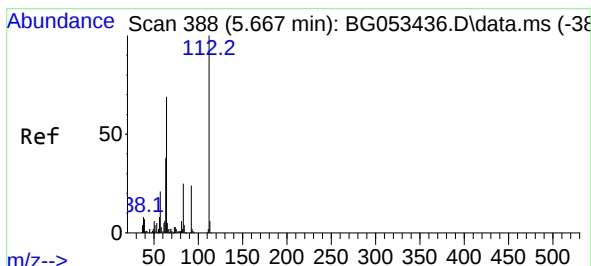
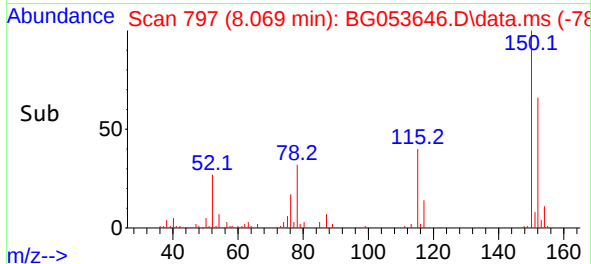
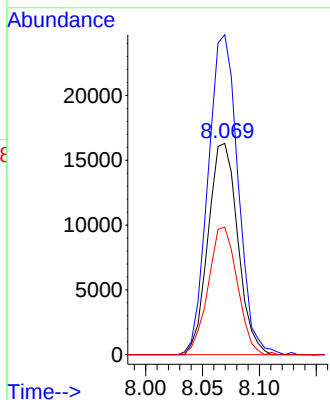
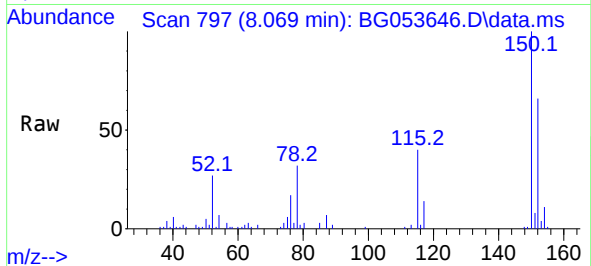




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

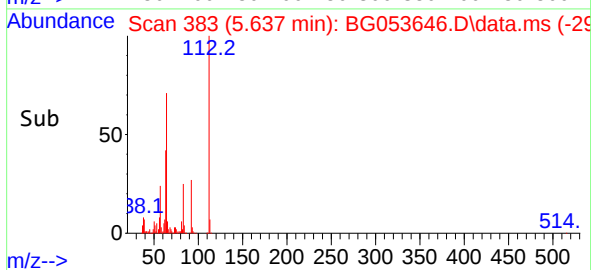
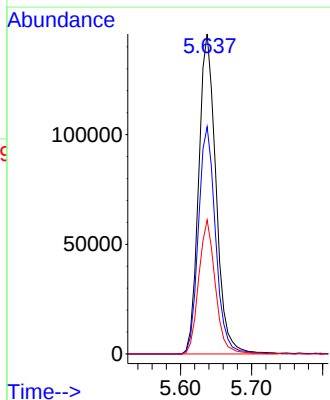
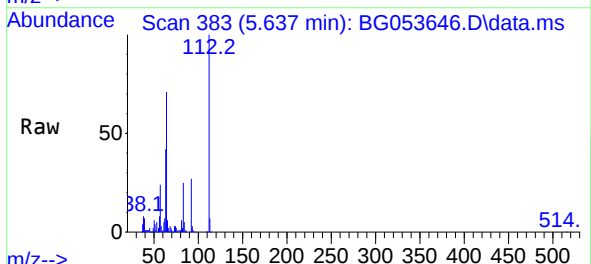
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01

Tgt Ion:152 Resp: 29562
Ion Ratio Lower Upper
152 100
150 151.4 131.6 197.4
115 60.3 50.9 76.3



#5
2-Fluorophenol
Concen: 142.079 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.006 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

Tgt Ion:112 Resp: 247485
Ion Ratio Lower Upper
112 100
64 71.0 55.1 82.7
63 41.9 30.4 45.6

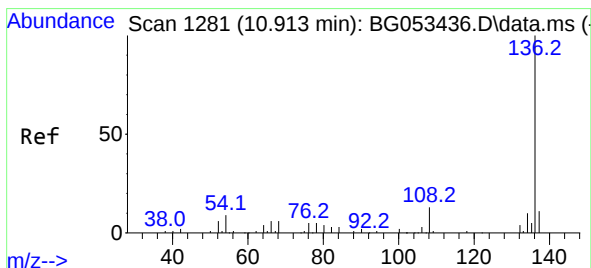
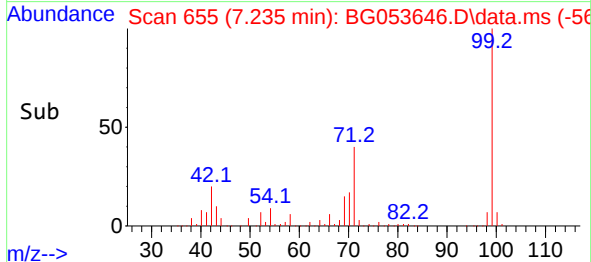
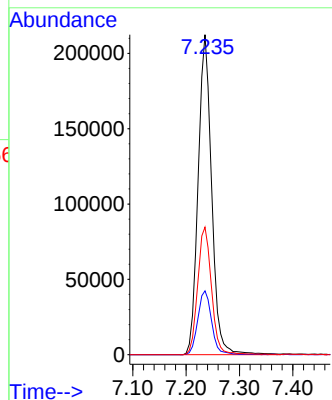
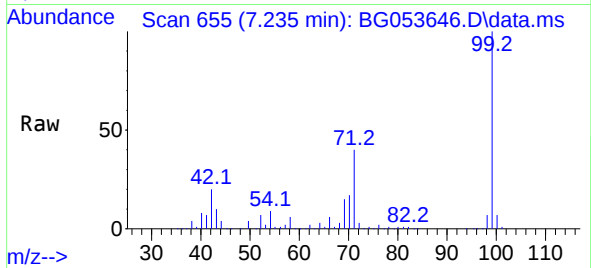




#7
Phenol-d6
Concen: 141.531 ng
RT: 7.235 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

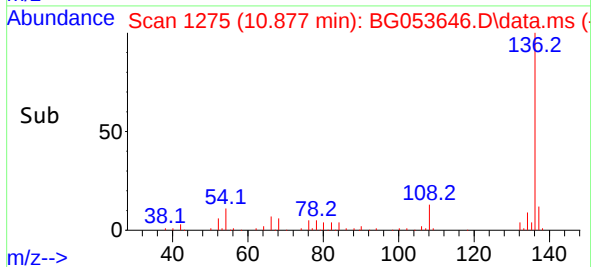
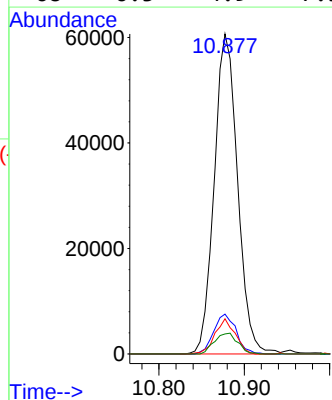
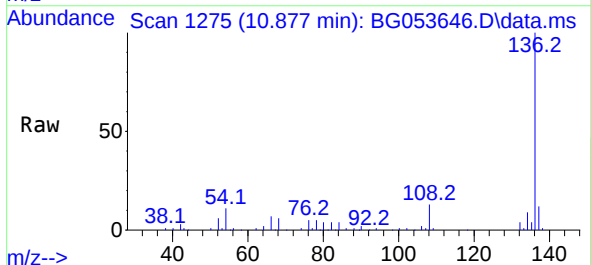
Instrument :
BNA_G
ClientSampleId :
P022-SS002-0006-01

Tgt Ion: 99 Resp: 374148
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 39.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.877 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

Tgt Ion: 136 Resp: 115266
Ion Ratio Lower Upper
136 100
137 12.4 8.5 12.7
54 11.0 7.4 11.2
68 6.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 95.987 ng

RT: 9.233 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG053646.D

Acq: 20 May 2022 16:26

Instrument :

BNA_G

ClientSampleId :

P022-SS002-0006-01

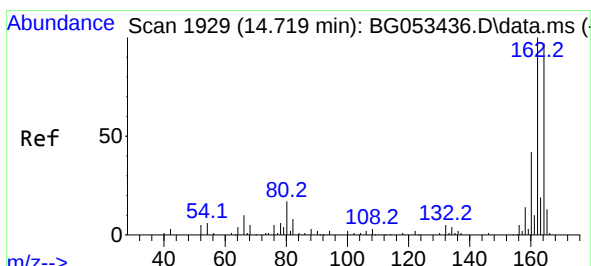
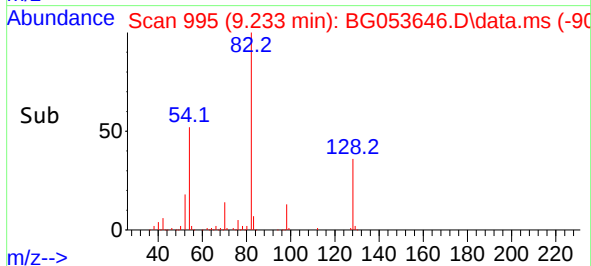
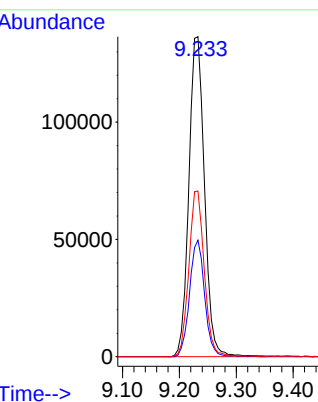
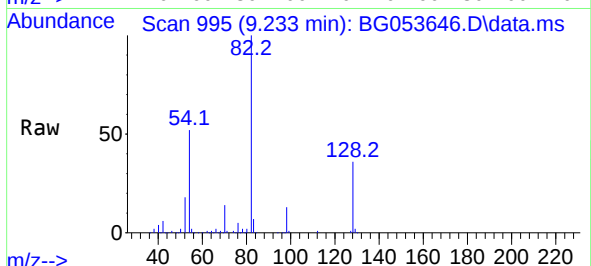
Tgt Ion: 82 Resp: 259912

Ion Ratio Lower Upper

82 100

128 36.4 27.9 41.9

54 51.8 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.696 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BG053646.D

Acq: 20 May 2022 16:26

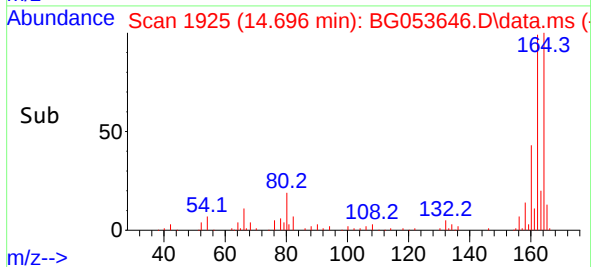
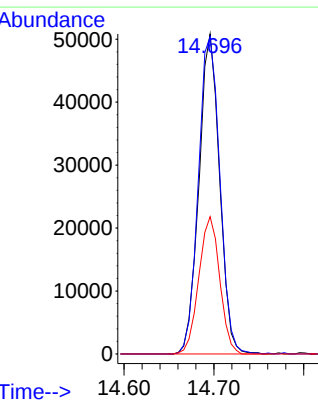
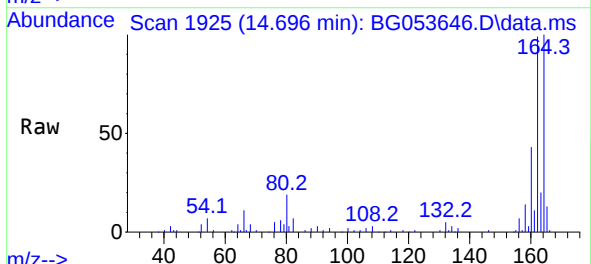
Tgt Ion: 164 Resp: 81049

Ion Ratio Lower Upper

164 100

162 99.2 82.3 123.5

160 42.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 134.393 ng

RT: 16.188 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG053646.D

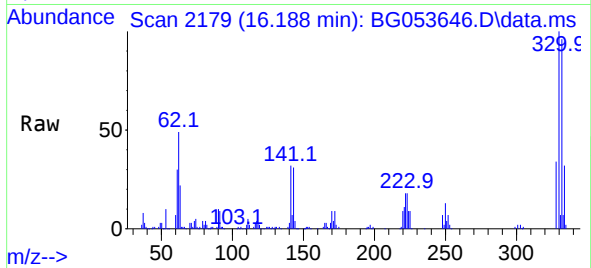
Acq: 20 May 2022 16:26

Instrument :

BNA_G

ClientSampleId :

P022-SS002-0006-01



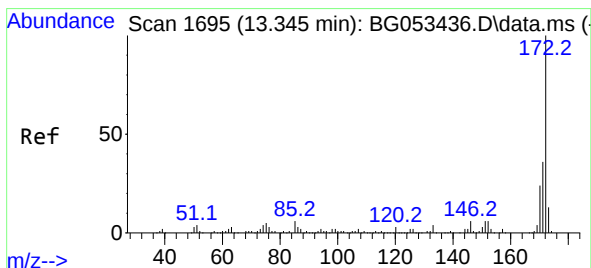
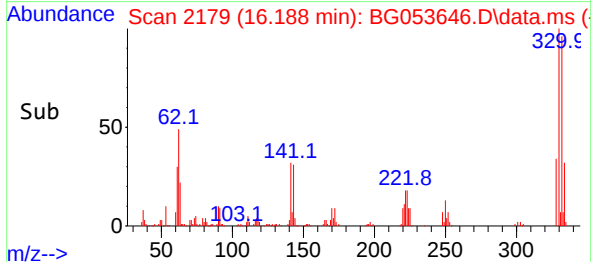
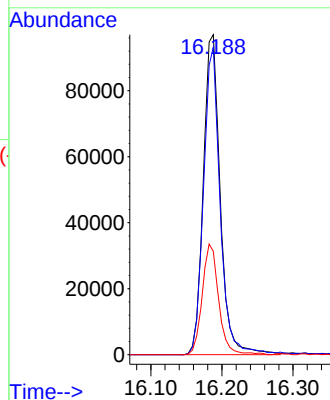
Tgt Ion:330 Resp: 160650

Ion Ratio Lower Upper

330 100

332 94.6 76.0 114.0

141 33.7 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 99.206 ng

RT: 13.315 min Scan# 1690

Delta R.T. -0.011 min

Lab File: BG053646.D

Acq: 20 May 2022 16:26

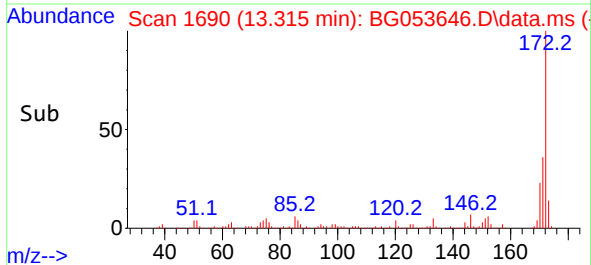
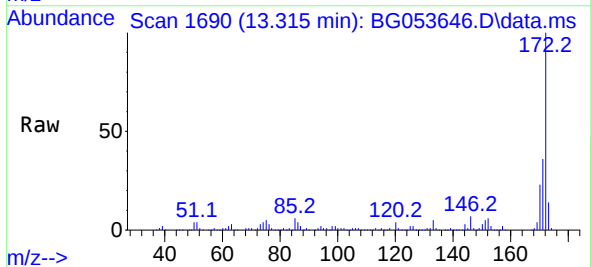
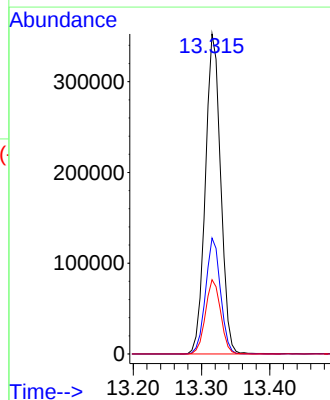
Tgt Ion:172 Resp: 550240

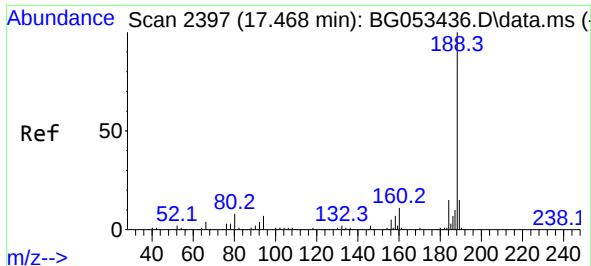
Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 23.2 18.9 28.3

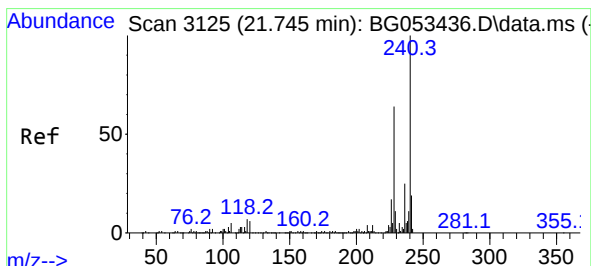
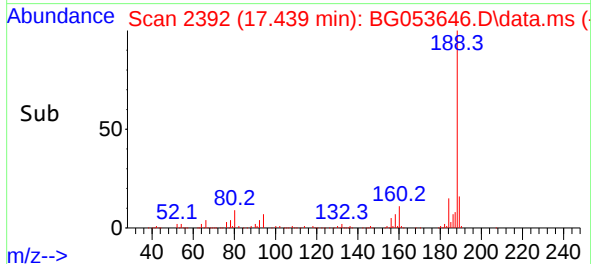
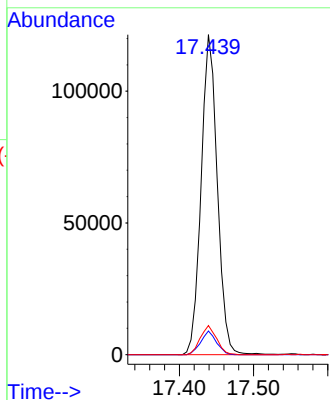
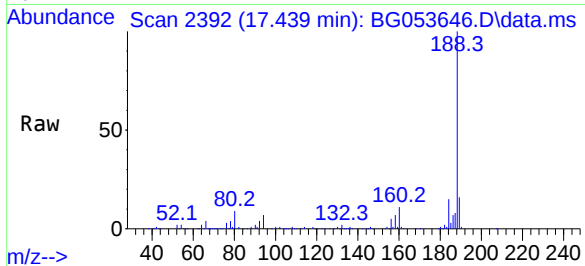




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

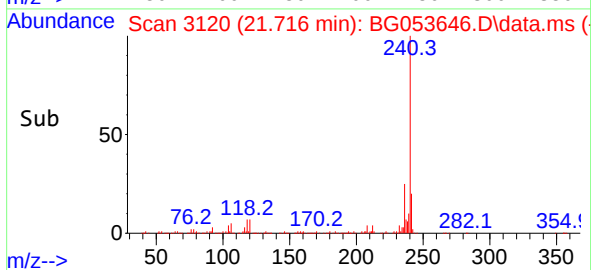
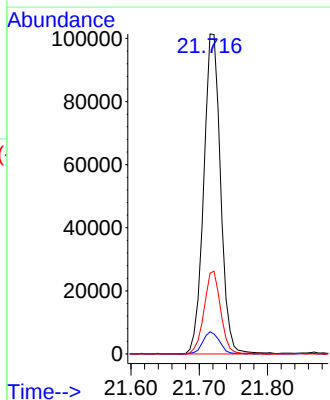
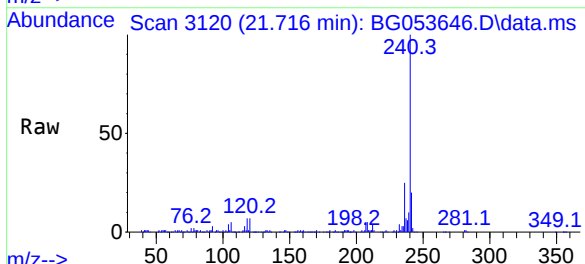
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BNA_G
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P022-SS002-0006-01

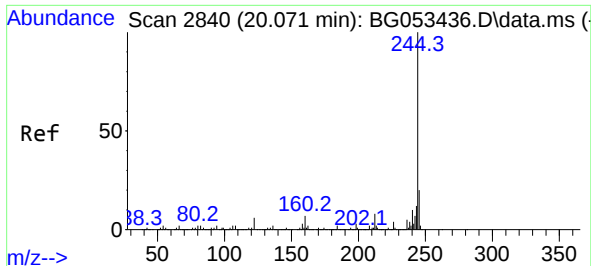
Tgt Ion:188 Resp: 183893
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 9.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.716 min Scan# 3120
Delta R.T. -0.017 min
Lab File: BG053646.D
Acq: 20 May 2022 16:26

Tgt Ion:240 Resp: 174381
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 25.2 20.2 30.4

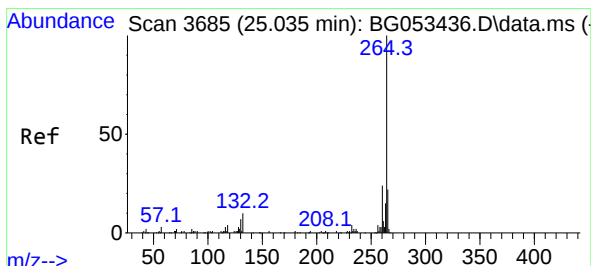
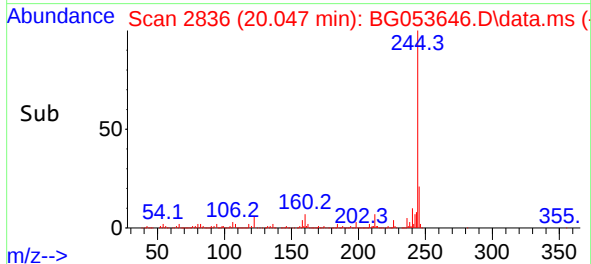
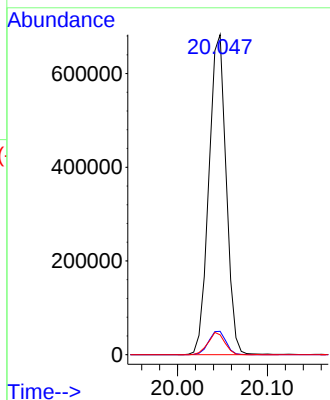
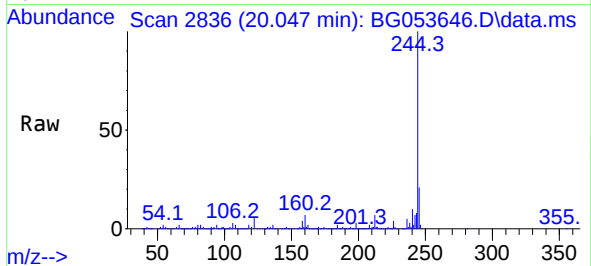




#79
 Terphenyl-d14
 Concen: 97.491 ng
 RT: 20.047 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053646.D
 Acq: 20 May 2022 16:26

Instrument :
 BNA_G
 ClientSampleId :
 P022-SS002-0006-01

Tgt Ion:244 Resp: 912798
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.988 min Scan# 3677
 Delta R.T. -0.017 min
 Lab File: BG053646.D
 Acq: 20 May 2022 16:26

Tgt Ion:264 Resp: 171772
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 21.4 17.4 26.2

