

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
 Data File : BG053631.D
 Acq On : 19 May 2022 18:13
 Operator : CG/JU
 Sample : N2824-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAS-1D

Quant Time: May 20 03:57:52 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)

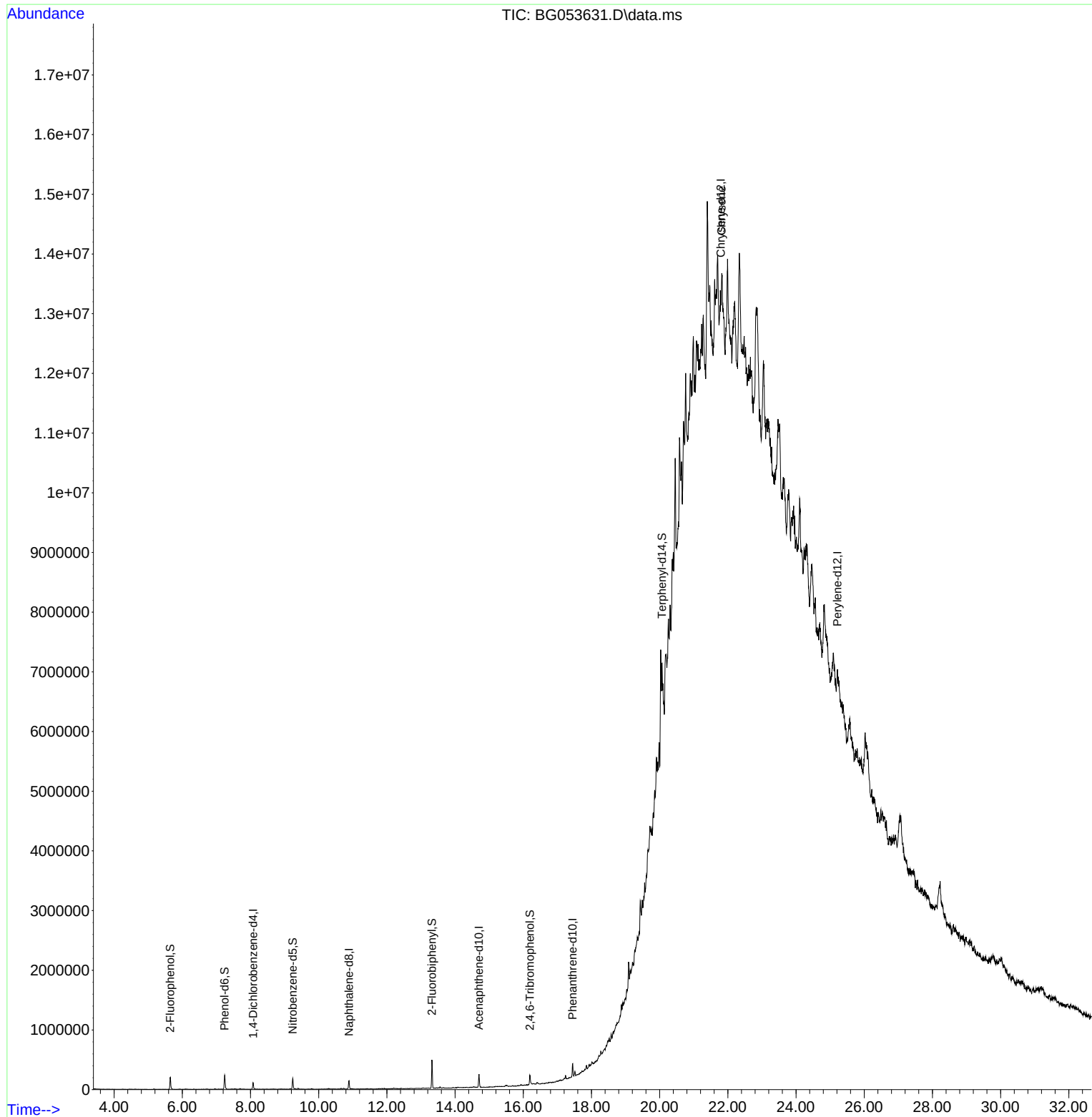
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	29036	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	115048	20.000	ng	0.00
39) Acenaphthene-d10	14.701	164	75046	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	139817	20.000	ng	# 0.00
76) Chrysene-d12	21.792	240	174907	20.000	ng	# 0.06
86) Perylene-d12	25.211	264	153430	20.000	ng	# 0.21
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	93538	54.672	ng	0.00
7) Phenol-d6	7.241	99	140476	54.101	ng	0.00
23) Nitrobenzene-d5	9.238	82	112574	41.653	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	41441	37.441	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	249567	48.595	ng	0.00
79) Terphenyl-d14	20.071	244	347839	37.039	ng	0.02
Target Compounds						
83) Chrysene	21.815	228	58906	5.654	ng	# 27

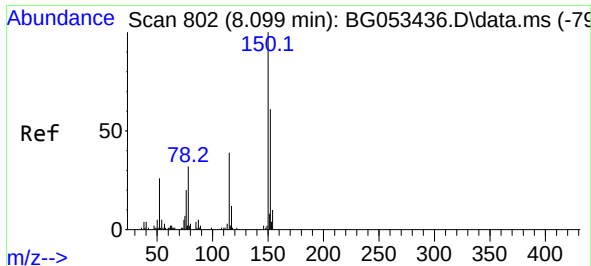
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051922\
Data File : BG053631.D
Acq On : 19 May 2022 18:13
Operator : CG/JU
Sample : N2824-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAS-1D

Quant Time: May 20 03:57:52 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

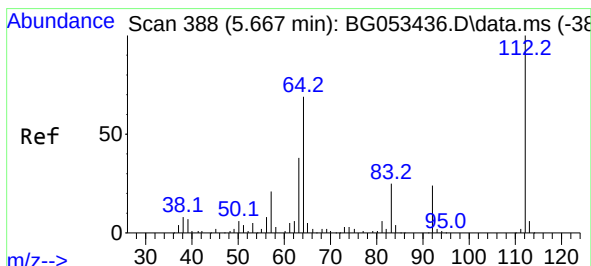
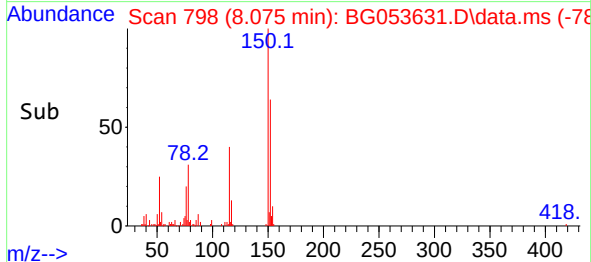
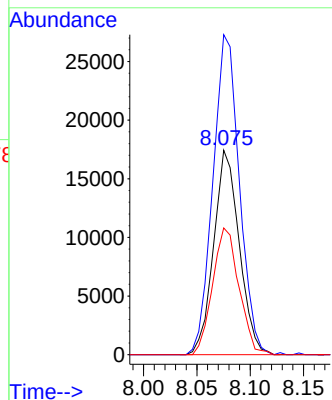
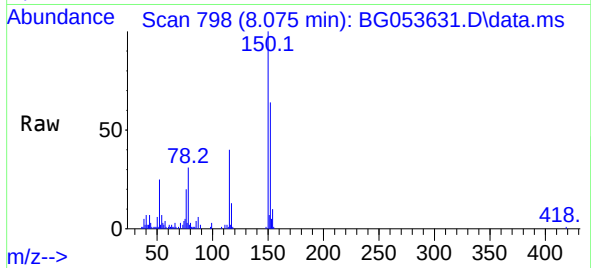




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.075 min Scan# 79
Delta R.T. 0.000 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

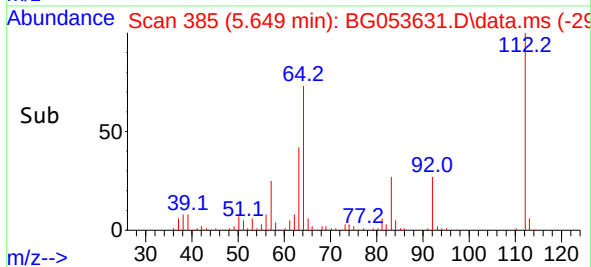
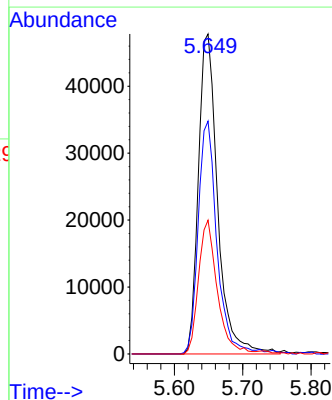
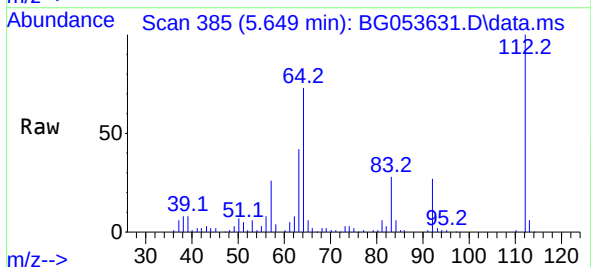
Instrument :
BNA_G
ClientSampleId :
SAS-1D

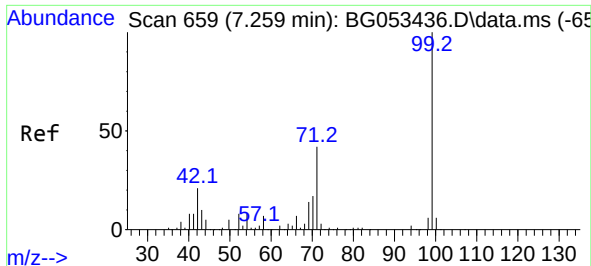
Tgt Ion:152 Resp: 29036
Ion Ratio Lower Upper
152 100
150 156.5 131.6 197.4
115 62.0 50.9 76.3



#5
2-Fluorophenol
Concen: 54.672 ng
RT: 5.649 min Scan# 385
Delta R.T. 0.006 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

Tgt Ion:112 Resp: 93538
Ion Ratio Lower Upper
112 100
64 72.8 55.1 82.7
63 41.8 30.4 45.6

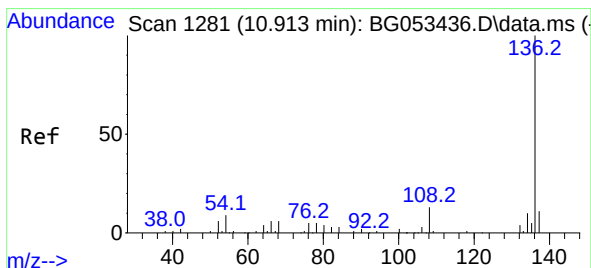
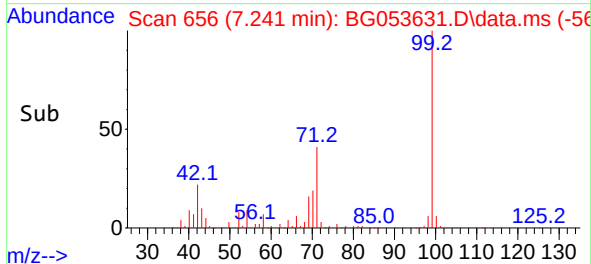
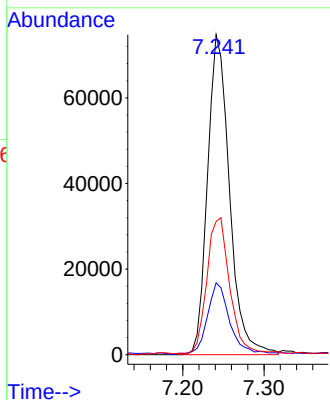
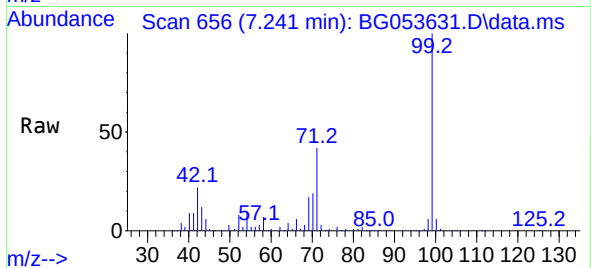




#7
Phenol-d6
Concen: 54.101 ng
RT: 7.241 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

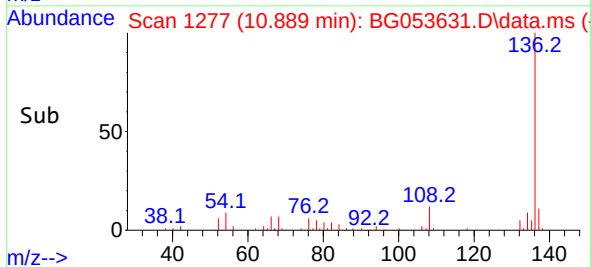
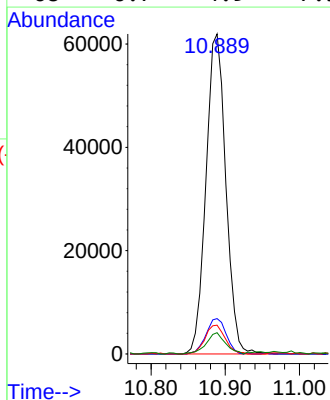
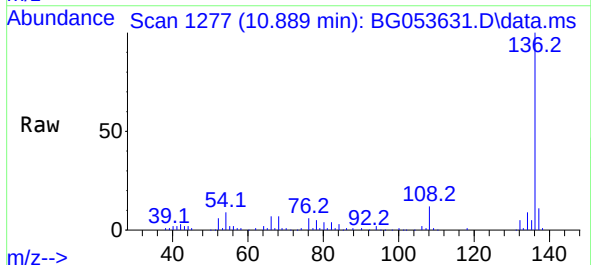
Instrument :
BNA_G
ClientSampleId :
SAS-1D

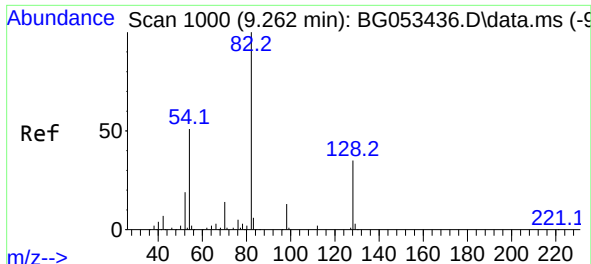
Tgt Ion: 99 Resp: 140476
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 41.6 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

Tgt Ion:136 Resp: 115048
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.0 7.4 11.2
68 6.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 41.653 ng

RT: 9.238 min Scan# 91

Delta R.T. 0.000 min

Lab File: BG053631.D

Acq: 19 May 2022 18:13

Instrument :

BNA_G

ClientSampleId :

SAS-1D

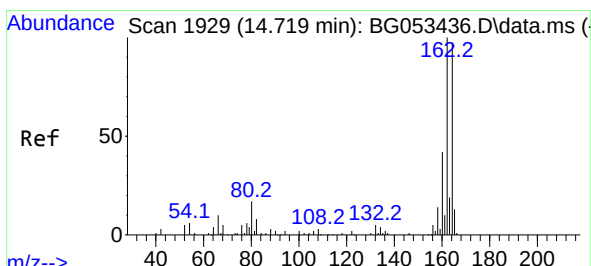
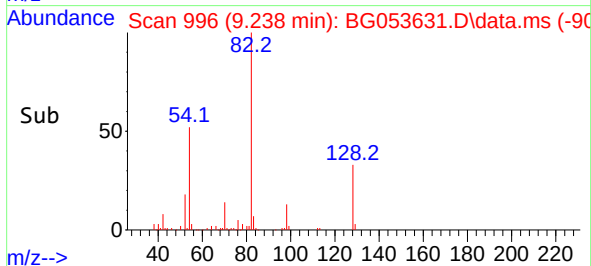
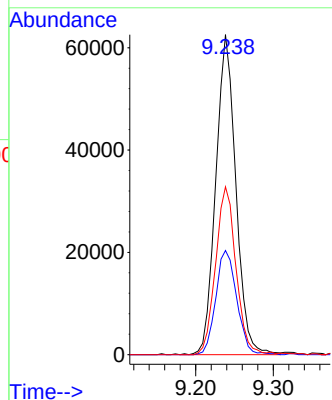
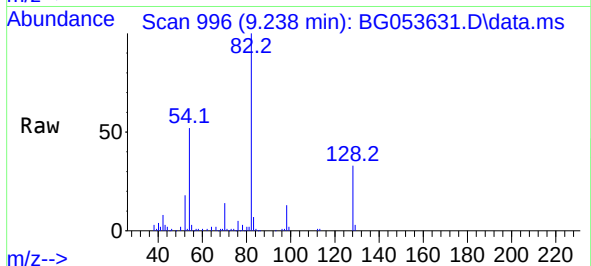
Tgt Ion: 82 Resp: 112574

Ion Ratio Lower Upper

82 100

128 32.6 27.9 41.9

54 52.5 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.701 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BG053631.D

Acq: 19 May 2022 18:13

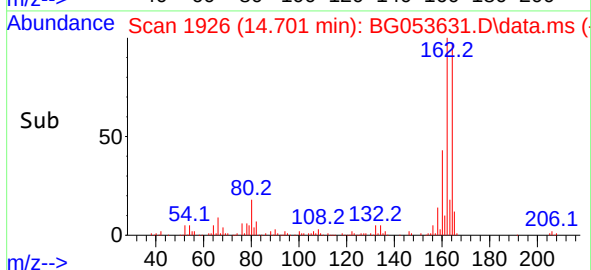
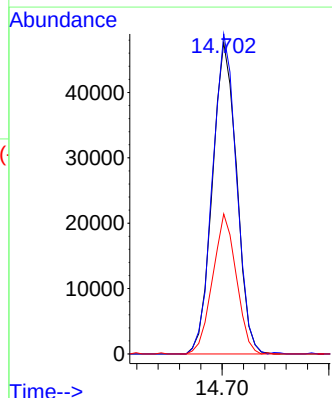
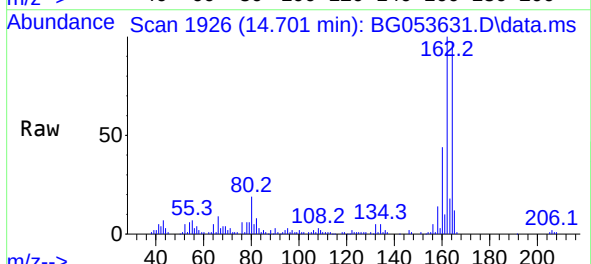
Tgt Ion: 164 Resp: 75046

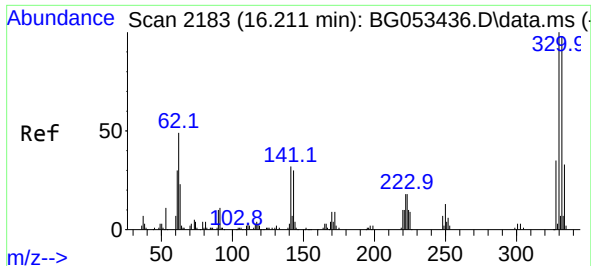
Ion Ratio Lower Upper

164 100

162 102.7 82.3 123.5

160 44.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 37.441 ng

RT: 16.194 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053631.D

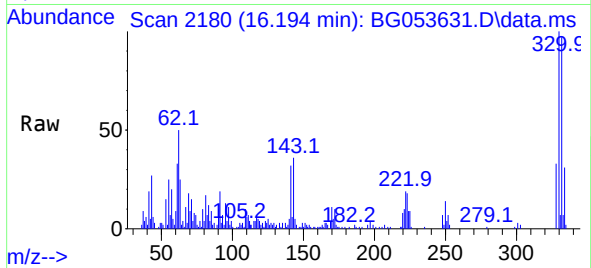
Acq: 19 May 2022 18:13

Instrument :

BNA_G

ClientSampleId :

SAS-1D



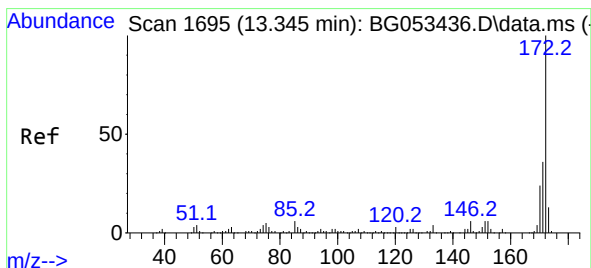
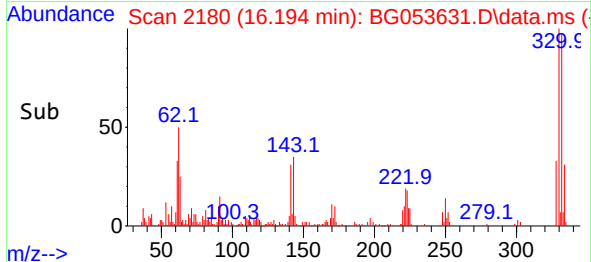
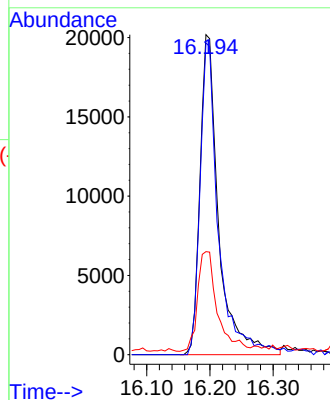
Tgt Ion:330 Resp: 41441

Ion Ratio Lower Upper

330 100

332 96.3 76.0 114.0

141 32.9 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 48.595 ng

RT: 13.321 min Scan# 1691

Delta R.T. -0.006 min

Lab File: BG053631.D

Acq: 19 May 2022 18:13

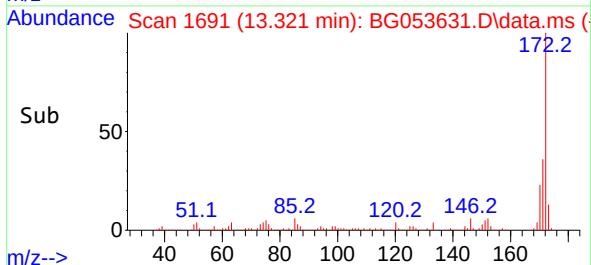
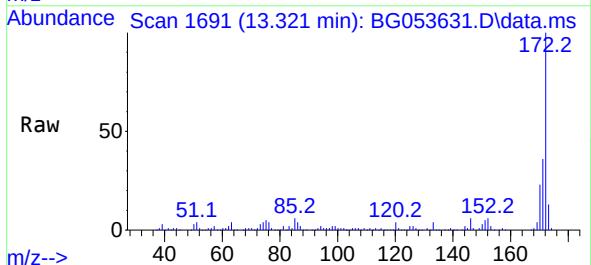
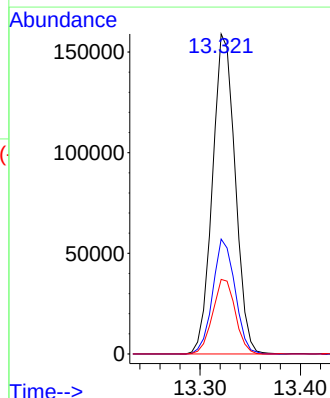
Tgt Ion:172 Resp: 249567

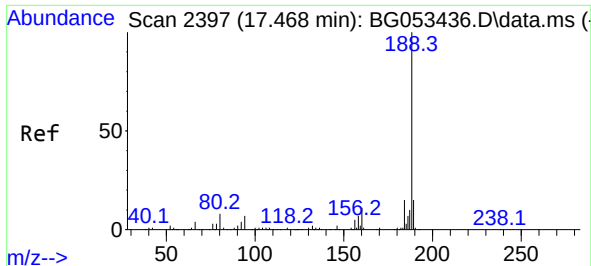
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 23.3 18.9 28.3

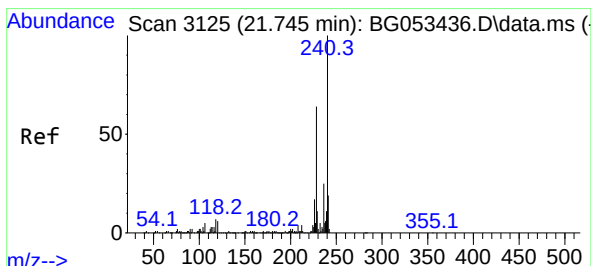
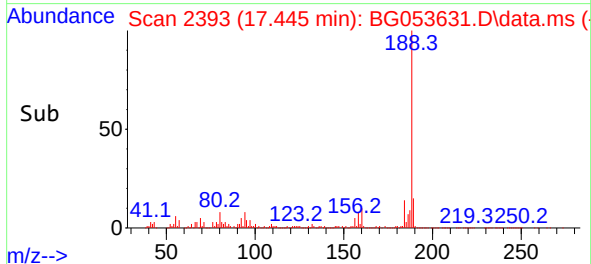
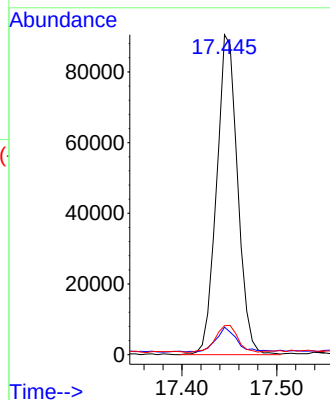
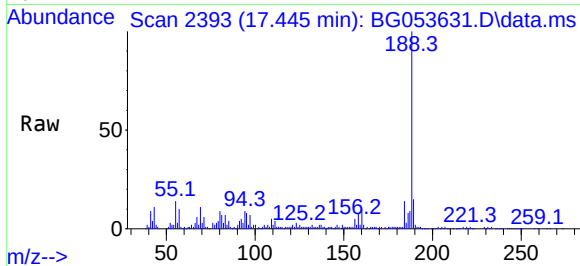




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

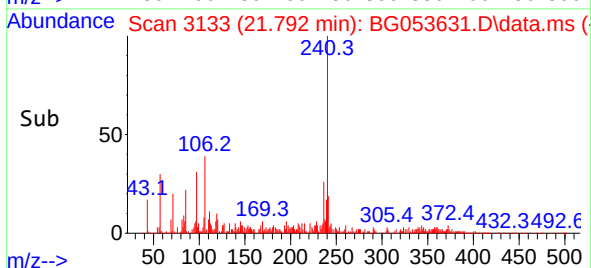
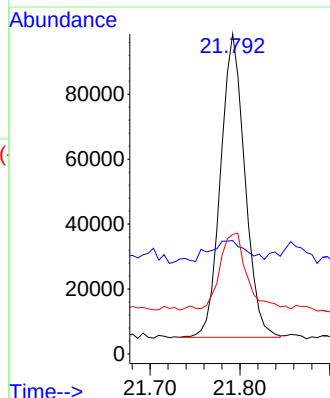
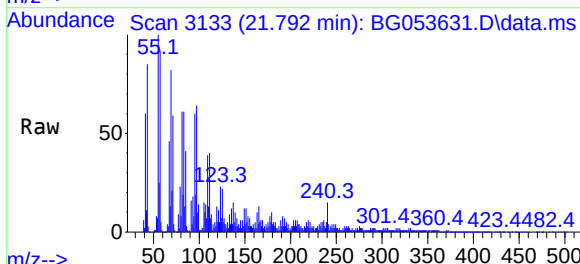
Instrument :
BNA_G
ClientSampleId :
SAS-1D

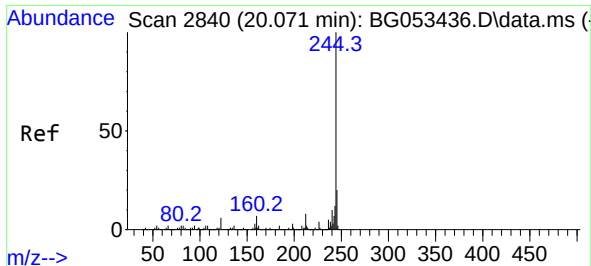
Tgt Ion:188 Resp: 139817
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 9.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.792 min Scan# 3133
Delta R.T. 0.059 min
Lab File: BG053631.D
Acq: 19 May 2022 18:13

Tgt Ion:240 Resp: 174907
Ion Ratio Lower Upper
240 100
120 35.4 4.6 7.0#
236 37.4 20.2 30.4#

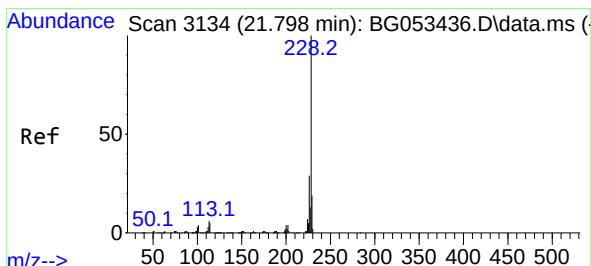
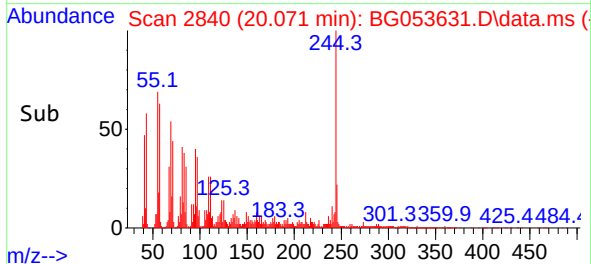
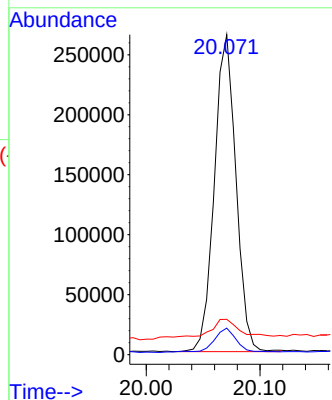
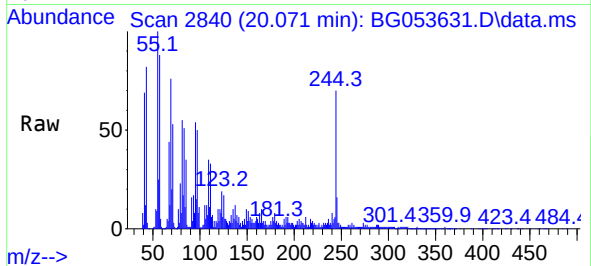




#79
 Terphenyl-d14
 Concen: 37.039 ng
 RT: 20.071 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BG053631.D
 Acq: 19 May 2022 18:13

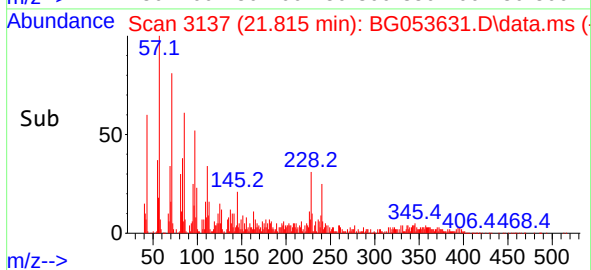
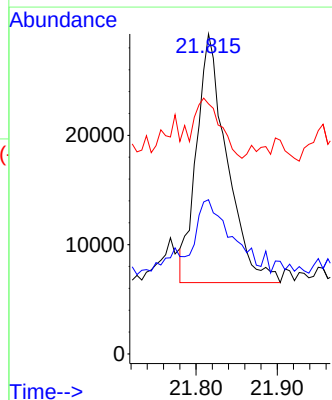
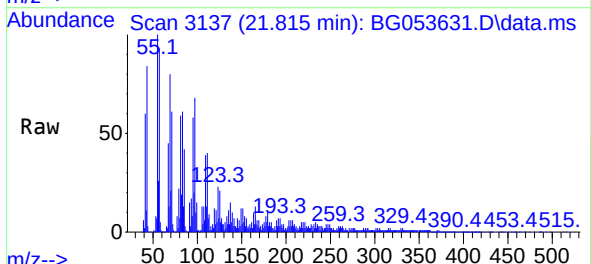
Instrument :
 BNA_G
 ClientSampleId :
 SAS-1D

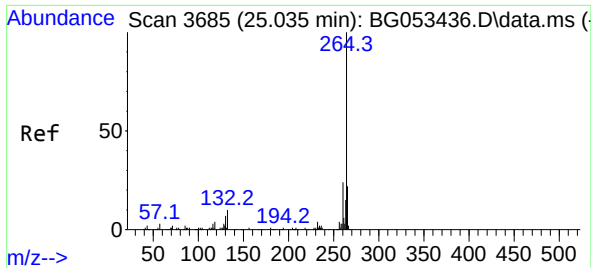
Tgt Ion:244 Resp: 347839
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.0 5.0 7.4#



#83
 Chrysene
 Concen: 5.654 ng
 RT: 21.815 min Scan# 3137
 Delta R.T. 0.041 min
 Lab File: BG053631.D
 Acq: 19 May 2022 18:13

Tgt Ion:228 Resp: 58906
 Ion Ratio Lower Upper
 228 100
 226 48.2 23.4 35.2#
 229 78.2 15.5 23.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.211 min Scan# 31
 Delta R.T. 0.206 min
 Lab File: BG053631.D
 Acq: 19 May 2022 18:13

Instrument :
 BNA_G
 ClientSampleId :
 SAS-1D

Tgt Ion:264 Resp: 153430
 Ion Ratio Lower Upper
 264 100
 260 34.2 19.0 28.6#
 265 33.6 17.4 26.2#

