

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053387.D
 Acq On : 29 Apr 2022 21:32
 Operator : CG/JU
 Sample : N2609-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: May 02 01:04:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

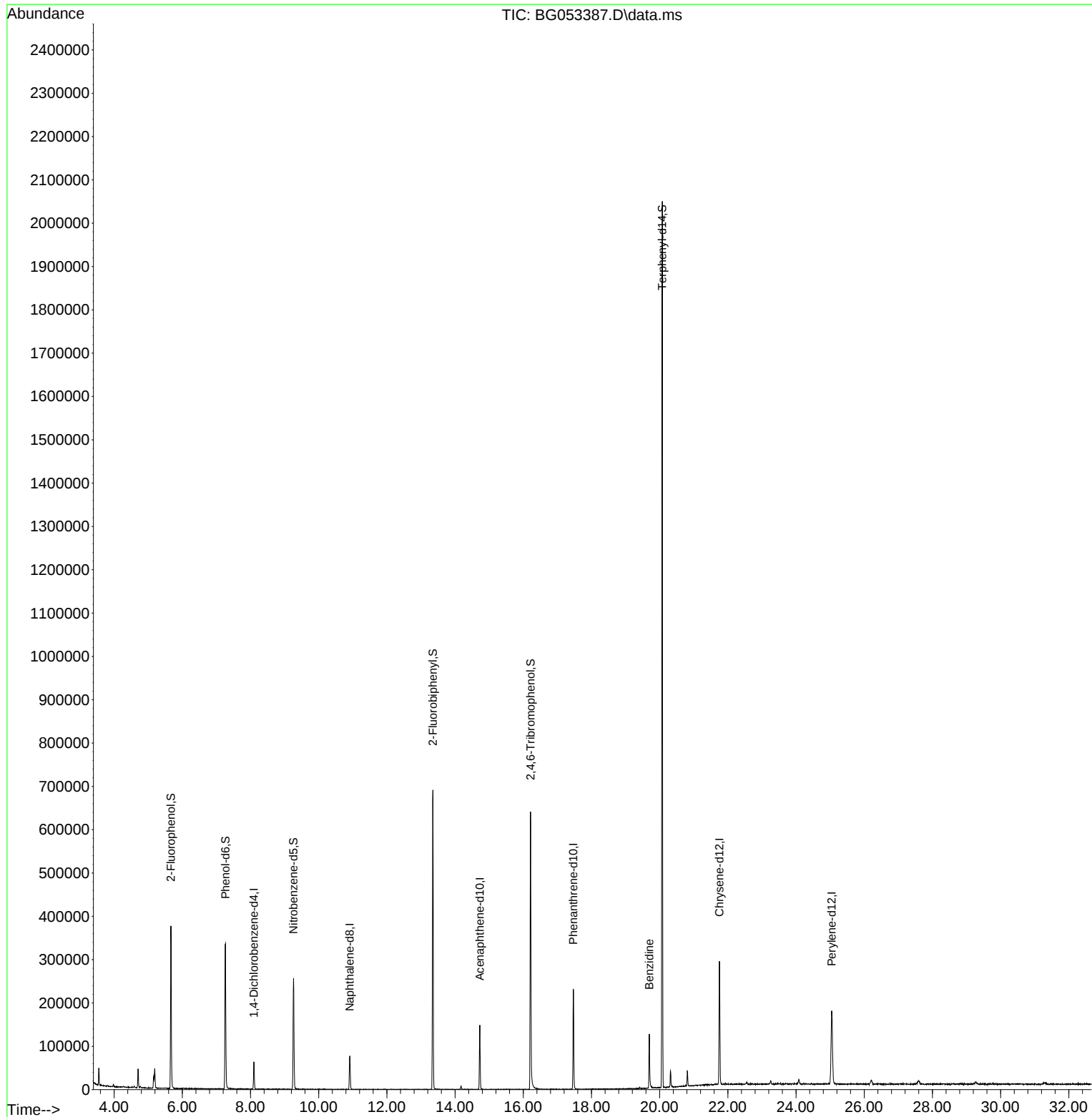
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	17694	20.000	ng	-0.01
21) Naphthalene-d8	10.913	136	69191	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	54267	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	155854	20.000	ng	-0.01
76) Chrysene-d12	21.751	240	189675	20.000	ng	-0.01
86) Perylene-d12	25.047	264	192214	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	152753	147.986	ng	0.00
7) Phenol-d6	7.265	99	198462	124.679	ng	0.00
23) Nitrobenzene-d5	9.262	82	167301	98.177	ng	-0.01
42) 2,4,6-Tribromophenol	16.217	330	139103	161.117	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	367815	93.460	ng	0.00
79) Terphenyl-d14	20.077	244	1033929	92.063	ng	0.00
Target Compounds						
77) Benzidine	19.695	184	88246	16.306	ng	Qvalue 98

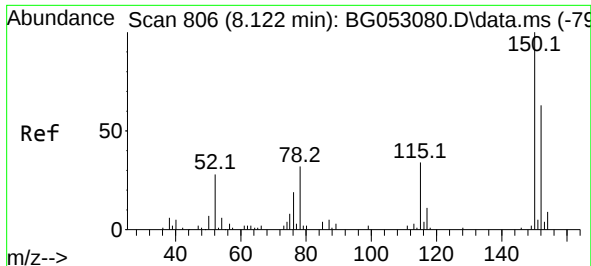
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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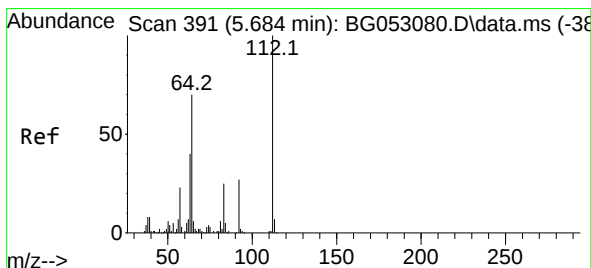
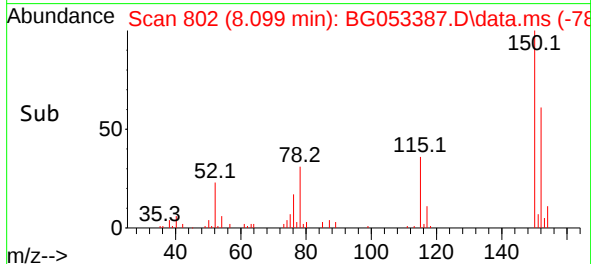
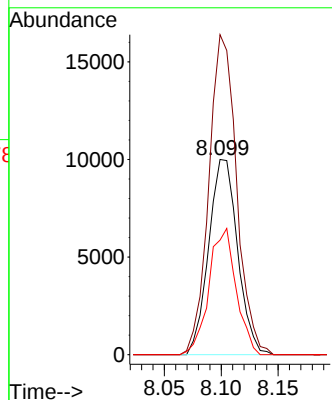
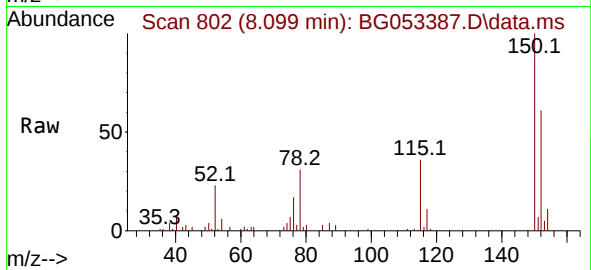




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 80
Delta R.T. -0.014 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

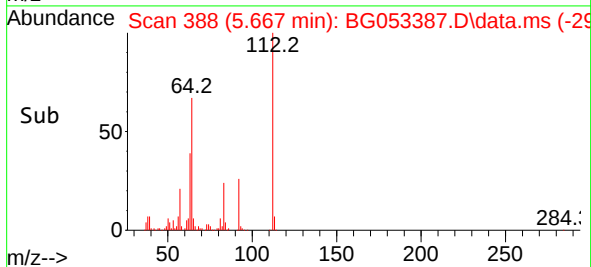
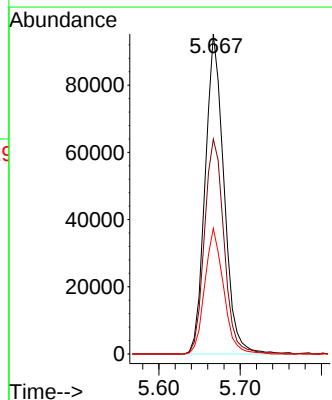
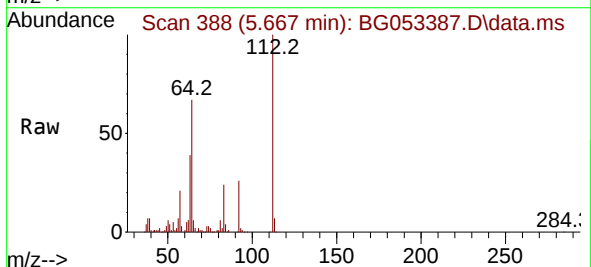
Instrument :
BNA_G
ClientSampleId :
WC-2

Tgt Ion:152 Resp: 17694
Ion Ratio Lower Upper
152 100
150 163.9 114.6 172.0
115 58.6 45.9 68.9



#5
2-Fluorophenol
Concen: 147.986 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Tgt Ion:112 Resp: 152753
Ion Ratio Lower Upper
112 100
64 67.1 48.0 72.0
63 39.3 26.5 39.7

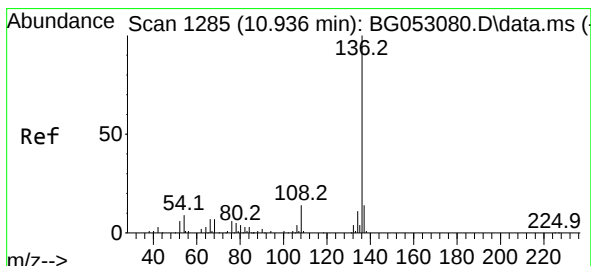
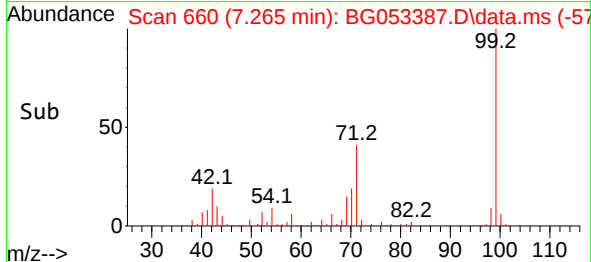
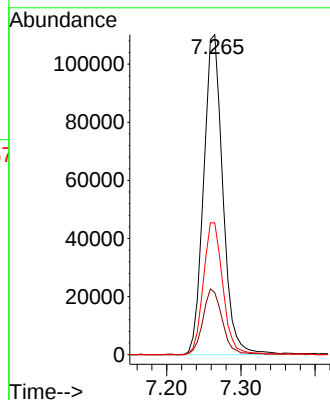
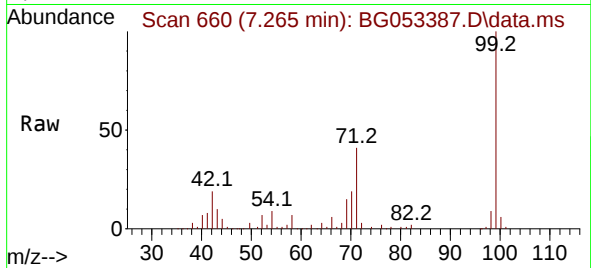




#7
Phenol-d6
Concen: 124.679 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

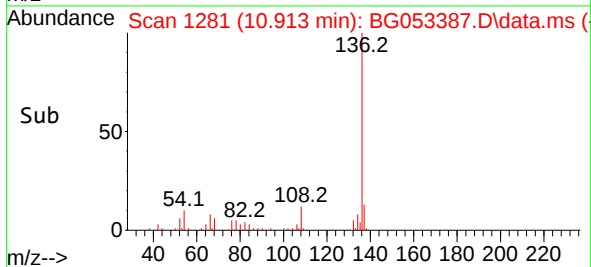
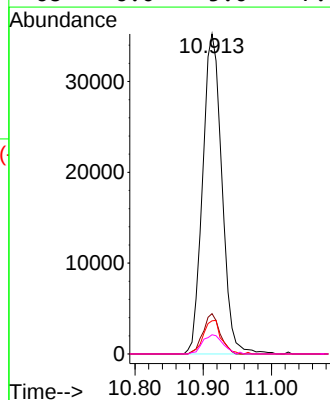
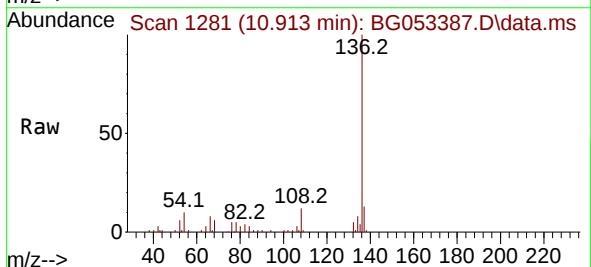
Instrument :
BNA_G
ClientSampleId :
WC-2

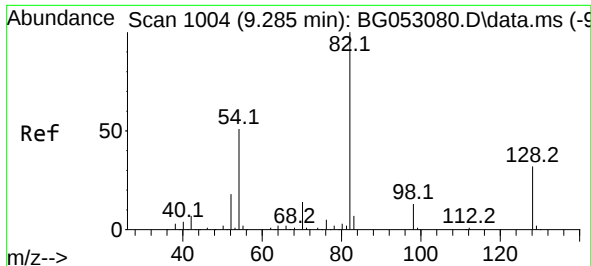
Tgt Ion: 99 Resp: 198462
Ion Ratio Lower Upper
99 100
42 19.4 14.7 22.1
71 41.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1281
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Tgt Ion: 136 Resp: 69191
Ion Ratio Lower Upper
136 100
137 12.6 9.4 14.2
54 10.4 6.4 9.6#
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 98.177 ng

RT: 9.262 min Scan# 1000

Delta R.T. -0.015 min

Lab File: BG053387.D

Acq: 29 Apr 2022 21:32

Instrument :

BNA_G

ClientSampleId :

WC-2

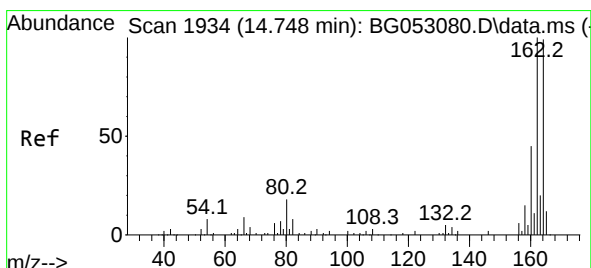
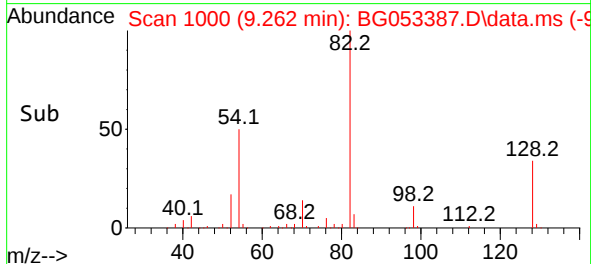
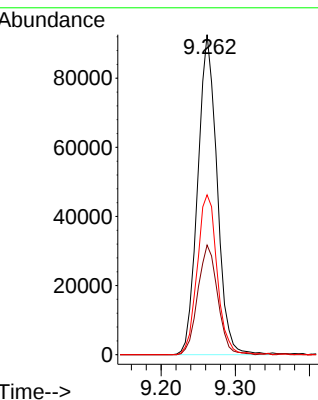
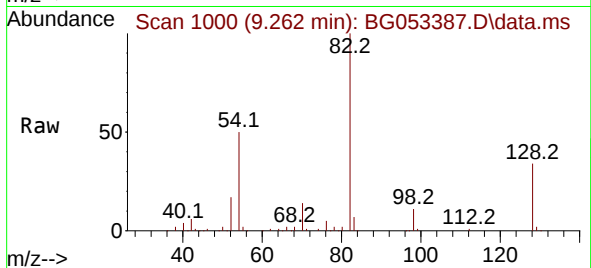
Tgt Ion: 82 Resp: 167301

Ion Ratio Lower Upper

82 100

128 34.2 31.3 46.9

54 49.9 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.725 min Scan# 1930

Delta R.T. -0.009 min

Lab File: BG053387.D

Acq: 29 Apr 2022 21:32

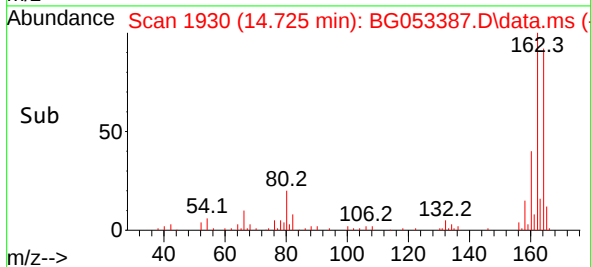
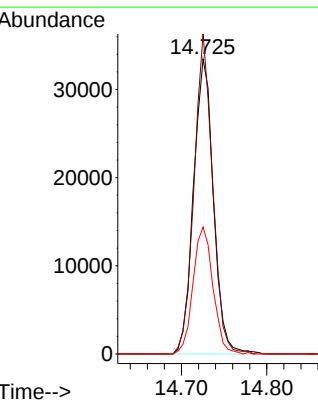
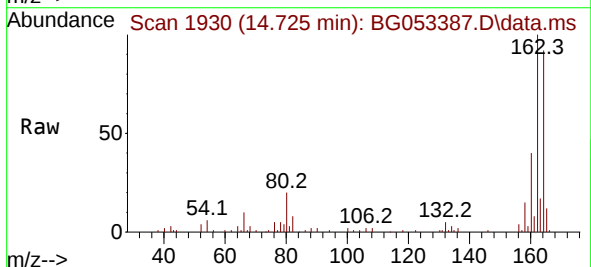
Tgt Ion:164 Resp: 54267

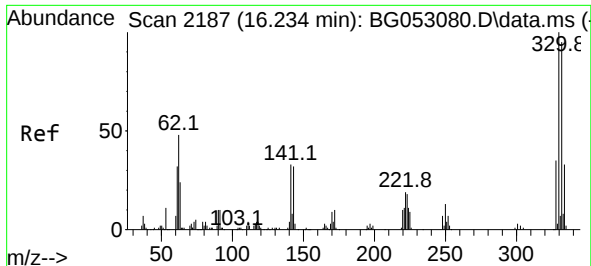
Ion Ratio Lower Upper

164 100

162 108.4 80.0 120.0

160 43.0 38.8 58.2

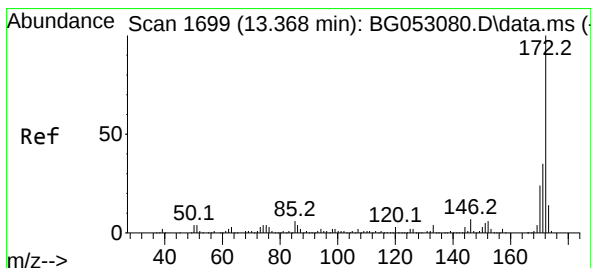
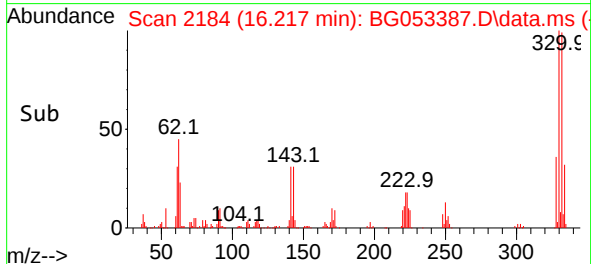
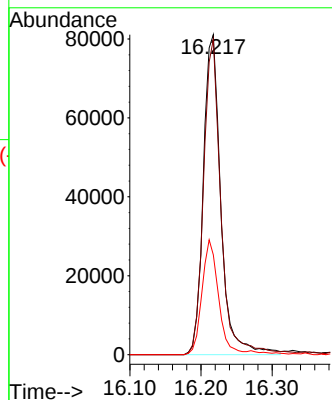
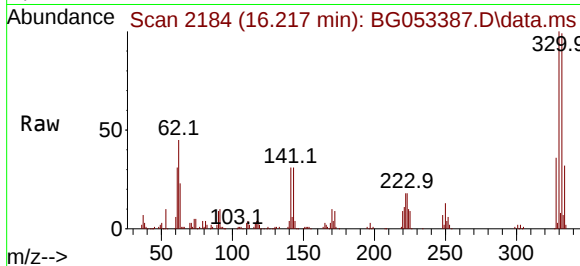




#42
2,4,6-Tribromophenol
Concen: 161.117 ng
RT: 16.217 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

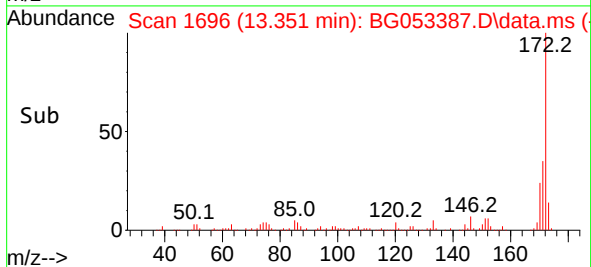
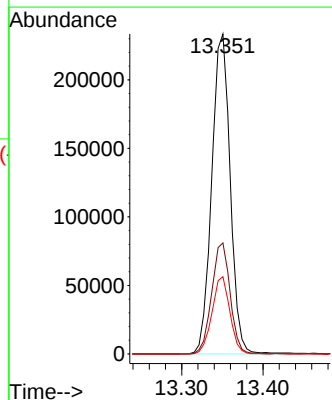
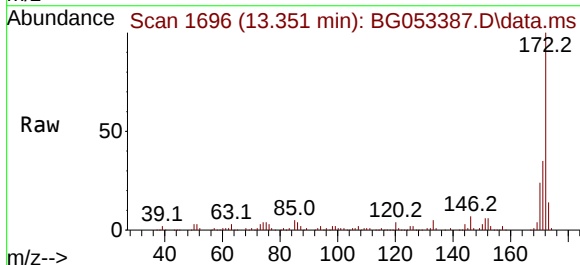
Instrument :
BNA_G
ClientSampleId :
WC-2

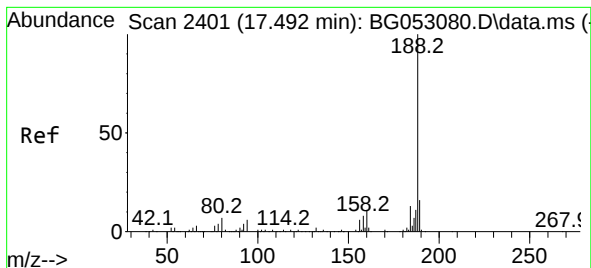
Tgt Ion:330 Resp: 139103
Ion Ratio Lower Upper
330 100
332 97.8 75.8 113.6
141 33.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 93.460 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.009 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Tgt Ion:172 Resp: 367815
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 24.1 18.0 27.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.469 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG053387.D

Acq: 29 Apr 2022 21:32

Instrument :

BNA_G

ClientSampleId :

WC-2

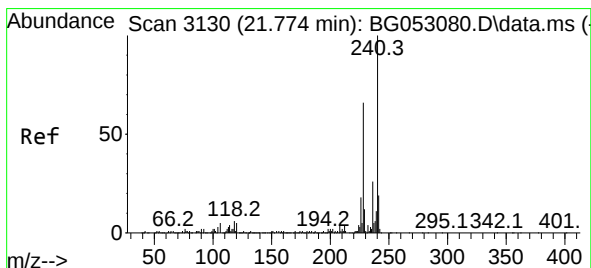
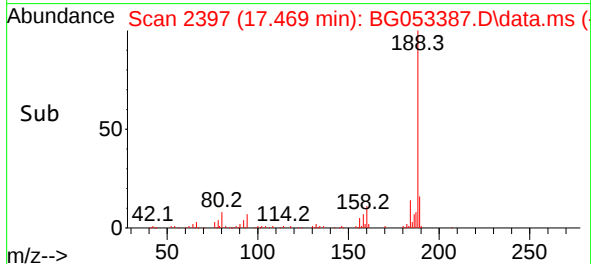
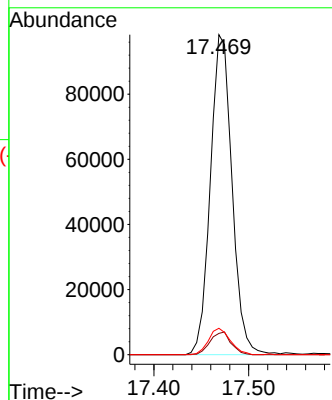
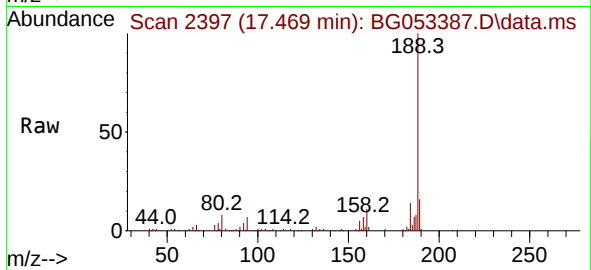
Tgt Ion:188 Resp: 155854

Ion Ratio Lower Upper

188 100

94 6.7 5.7 8.5

80 8.2 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.751 min Scan# 3126

Delta R.T. -0.015 min

Lab File: BG053387.D

Acq: 29 Apr 2022 21:32

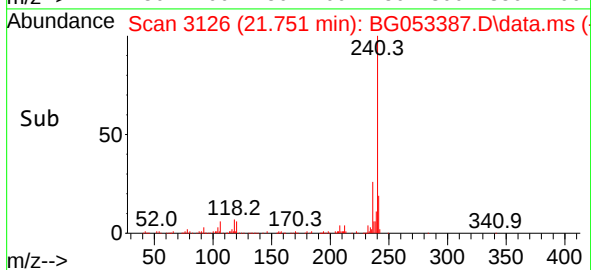
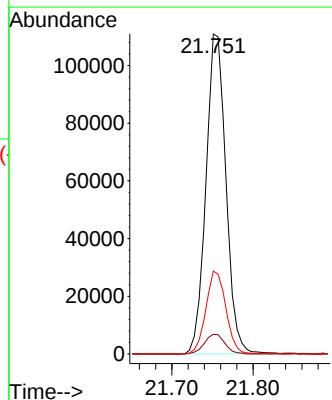
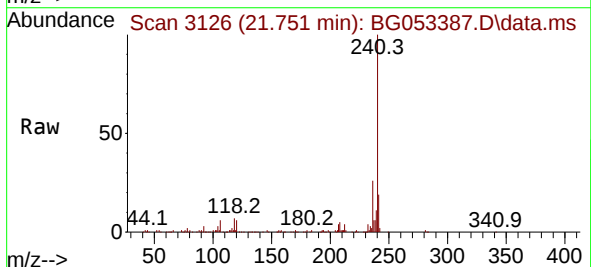
Tgt Ion:240 Resp: 189675

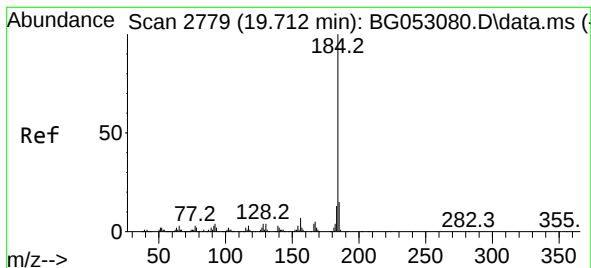
Ion Ratio Lower Upper

240 100

120 6.1 5.4 8.0

236 25.9 19.8 29.6





#77

Benzidine

Concen: 16.306 ng

RT: 19.695 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG053387.D

Acq: 29 Apr 2022 21:32

Instrument :

BNA_G

ClientSampleId :

WC-2

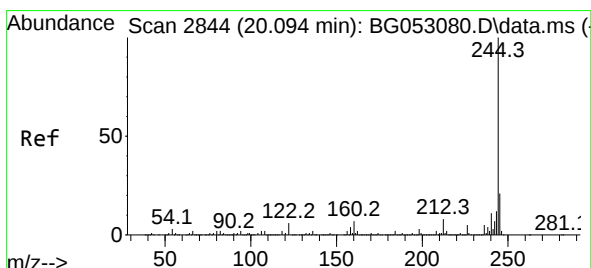
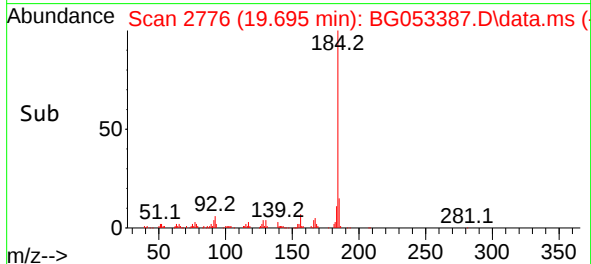
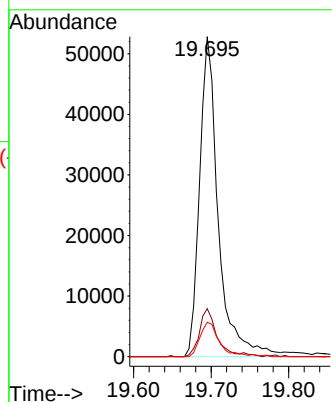
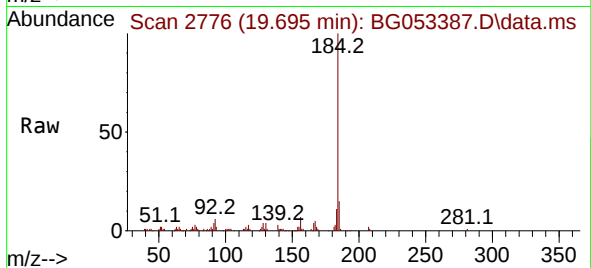
Tgt Ion:184 Resp: 88246

Ion Ratio Lower Upper

184 100

185 15.0 11.5 17.3

183 10.7 9.4 14.2



#79

Terphenyl-d14

Concen: 92.063 ng

RT: 20.077 min Scan# 2841

Delta R.T. -0.009 min

Lab File: BG053387.D

Acq: 29 Apr 2022 21:32

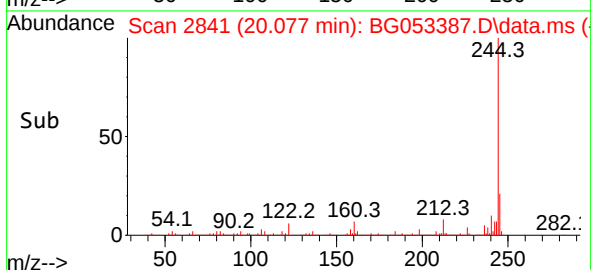
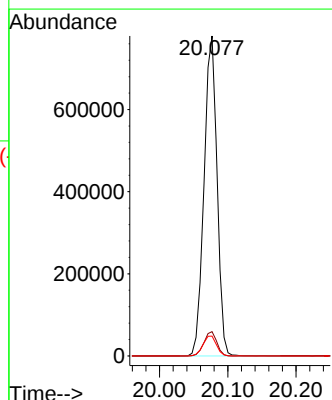
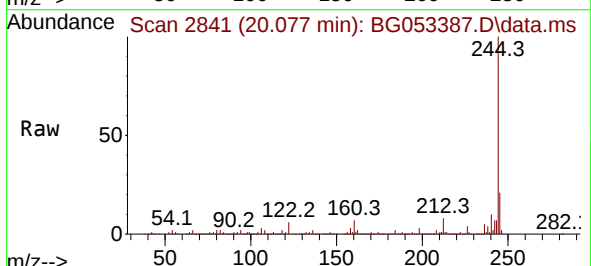
Tgt Ion:244 Resp: 1033929

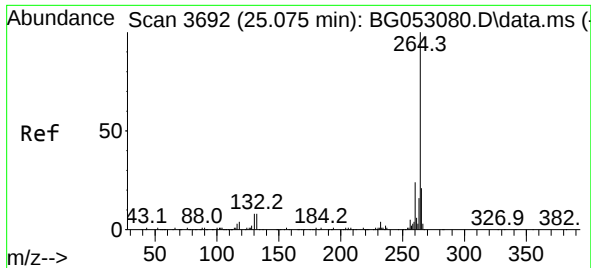
Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.2

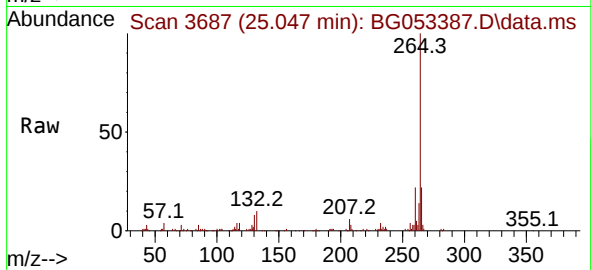
122 6.2 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.047 min Scan# 30
Delta R.T. -0.015 min
Lab File: BG053387.D
Acq: 29 Apr 2022 21:32

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:264 Resp: 192214

Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.2	27.2
265	21.5	15.1	22.7

