

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053198.D
 Acq On : 19 Apr 2022 16:40
 Operator : CG/JU
 Sample : N2452-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-5

Quant Time: Apr 19 17:54:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

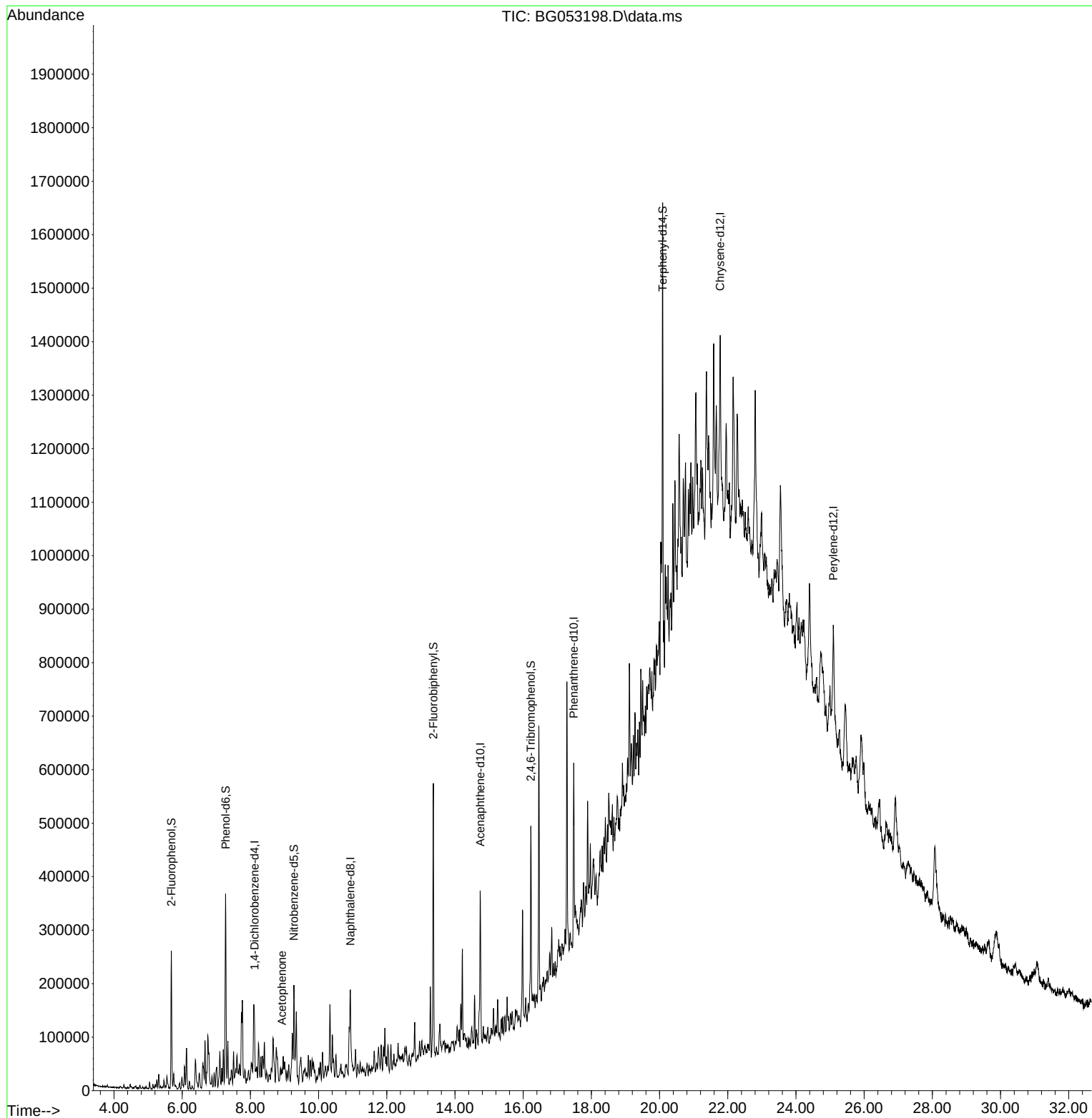
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	29929	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	129572	20.000	ng	# 0.00
39) Acenaphthene-d10	14.738	164	96607	20.000	ng	-0.01
64) Phenanthrene-d10	17.481	188	193200	20.000	ng	-0.01
76) Chrysene-d12	21.776	240	183027	20.000	ng	0.00
86) Perylene-d12	25.095	264	190632	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	100723	57.689	ng	0.00
7) Phenol-d6	7.272	99	150358	55.844	ng	-0.01
23) Nitrobenzene-d5	9.275	82	113224	35.481	ng	-0.01
42) 2,4,6-Tribromophenol	16.224	330	72814	47.375	ng	-0.01
45) 2-Fluorobiphenyl	13.364	172	267039	38.115	ng	0.00
79) Terphenyl-d14	20.090	244	412614	38.074	ng	0.00
Target Compounds						
22) Acetophenone	8.922	105	11790	3.280	ng	# 62

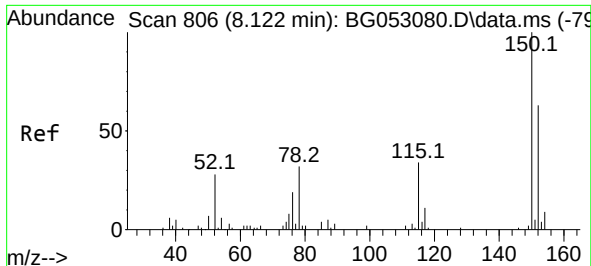
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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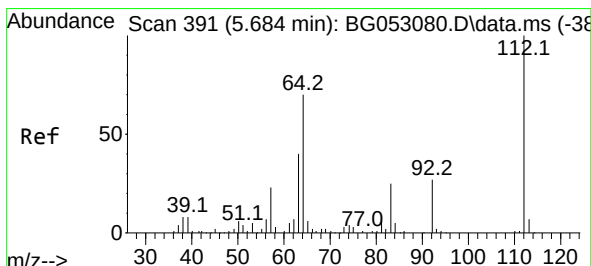
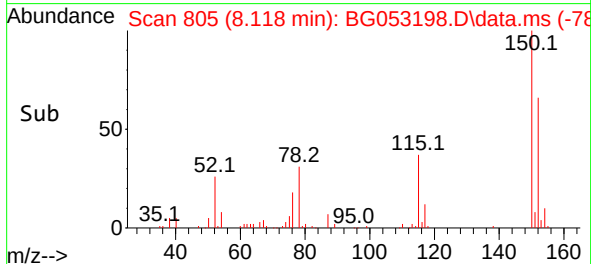
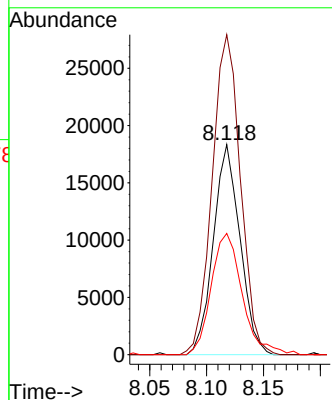
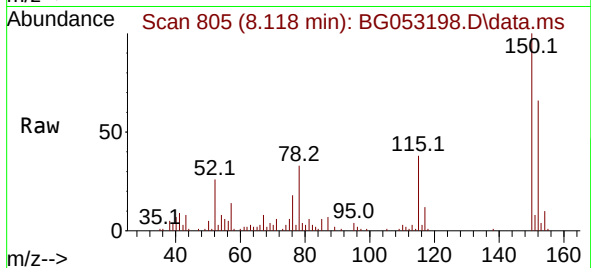




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.118 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

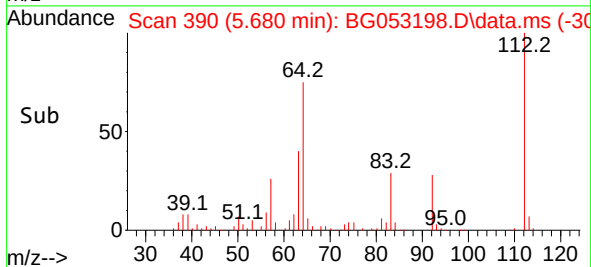
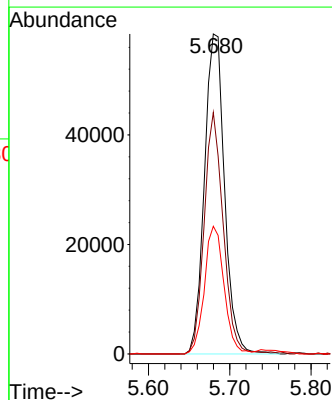
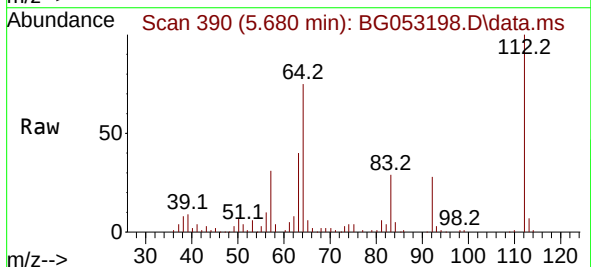
Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

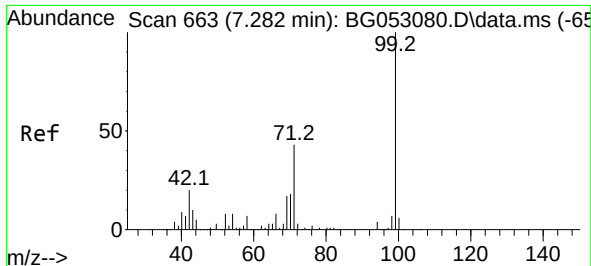
Tgt Ion:152 Resp: 29929
Ion Ratio Lower Upper
152 100
150 152.3 114.6 172.0
115 57.7 45.9 68.9



#5
2-Fluorophenol
Concen: 57.689 ng
RT: 5.680 min Scan# 390
Delta R.T. -0.004 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

Tgt Ion:112 Resp: 100723
Ion Ratio Lower Upper
112 100
64 75.4 48.0 72.0#
63 39.9 26.5 39.7#

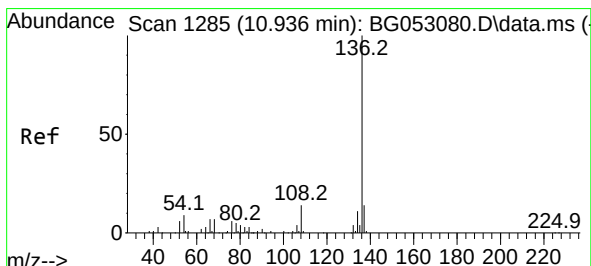
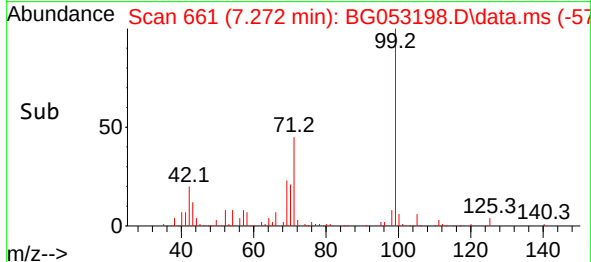
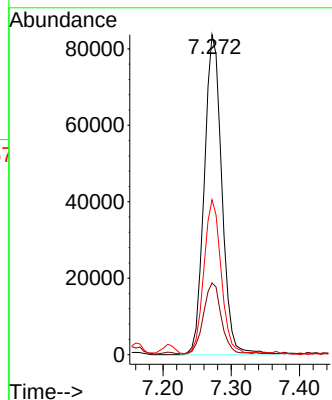
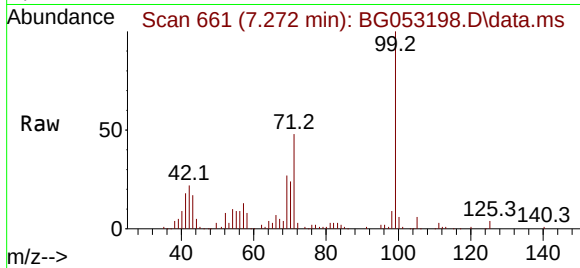




#7
Phenol-d6
Concen: 55.844 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.010 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

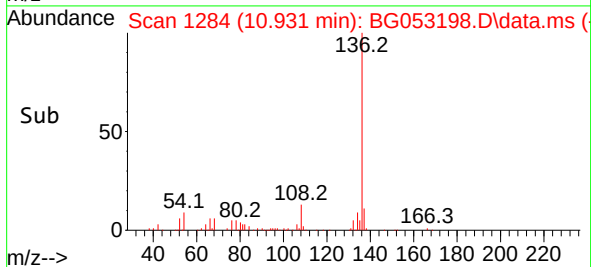
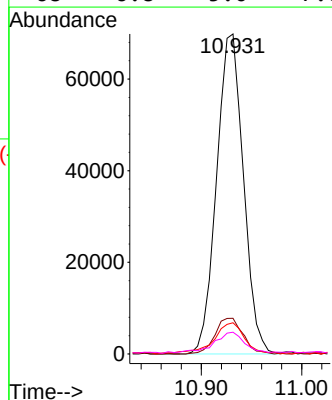
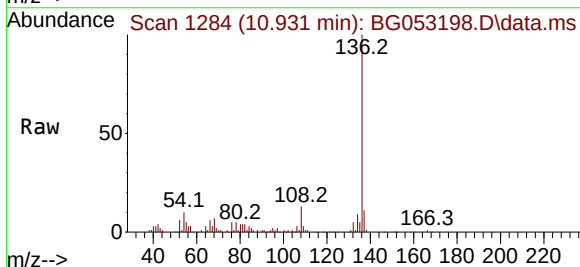
Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

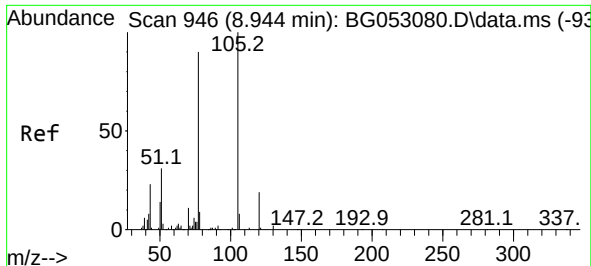
Tgt Ion: 99 Resp: 150358
Ion Ratio Lower Upper
99 100
42 22.4 14.7 22.1#
71 48.4 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

Tgt Ion: 136 Resp: 129572
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 9.8 6.4 9.6#
68 6.8 5.0 7.6

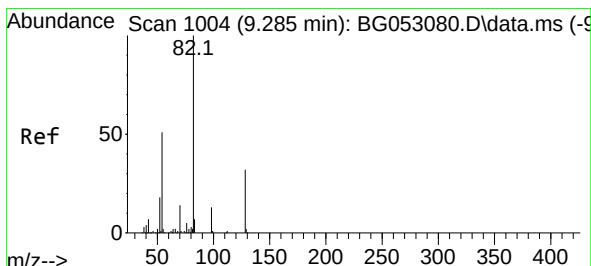
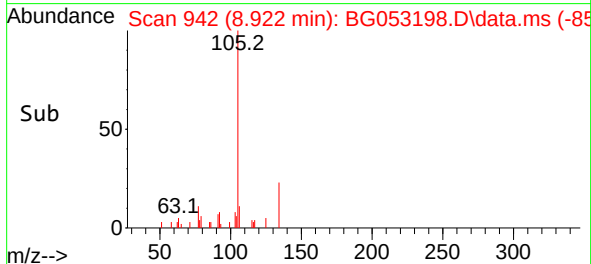
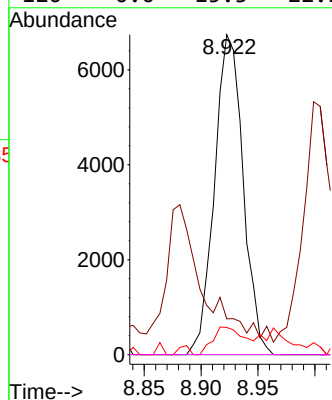
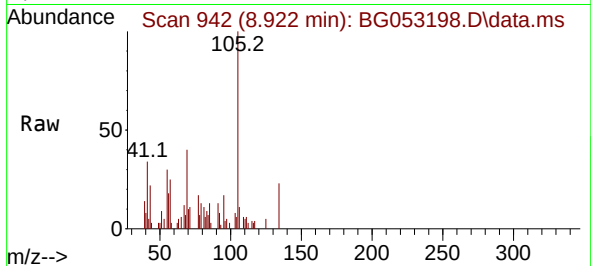




#22
Acetophenone
Concen: 3.280 ng
RT: 8.922 min Scan# 946
Delta R.T. -0.022 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

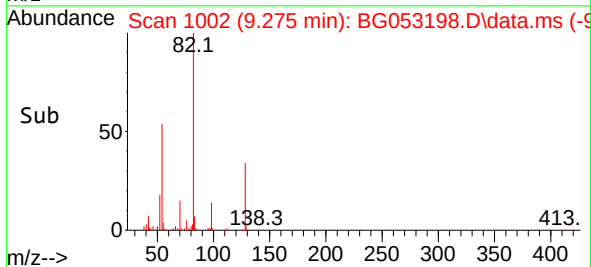
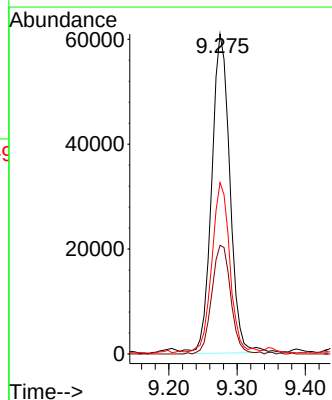
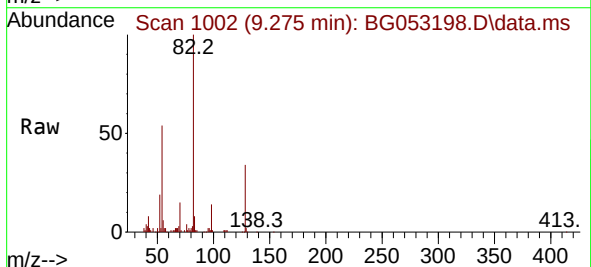
Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

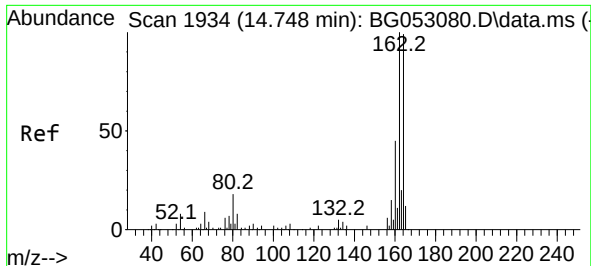
Tgt Ion:	105	Resp:	11790
Ion Ratio	Lower	Upper	
105	100		
71	11.2	2.1	3.1#
51	8.5	21.9	32.9#
120	0.0	15.3	22.9#



#23
Nitrobenzene-d5
Concen: 35.481 ng
RT: 9.275 min Scan# 1002
Delta R.T. -0.010 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

Tgt Ion:	82	Resp:	113224
Ion Ratio	Lower	Upper	
82	100		
128	33.9	31.3	46.9
54	53.5	37.8	56.8

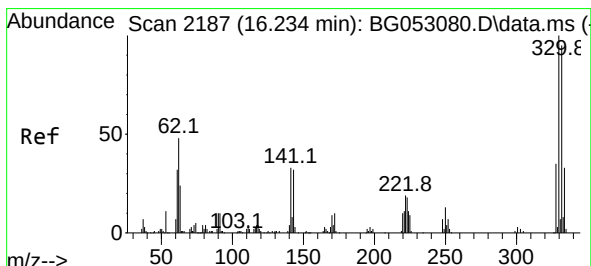
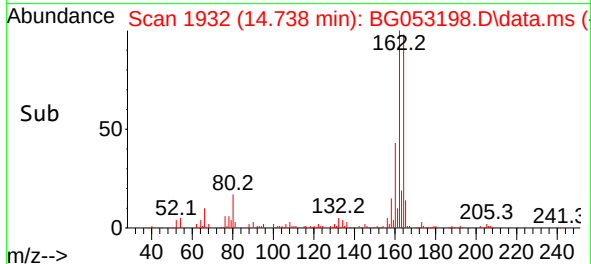
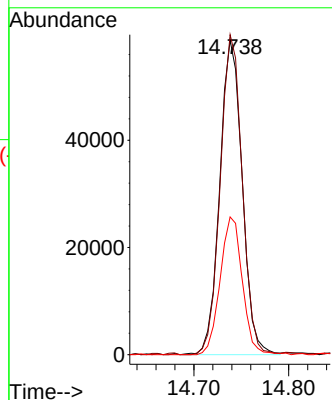
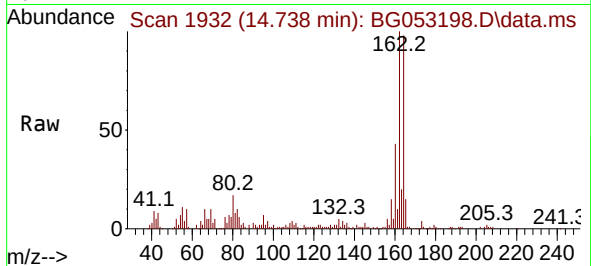




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.738 min Scan# 1934
Delta R.T. -0.010 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

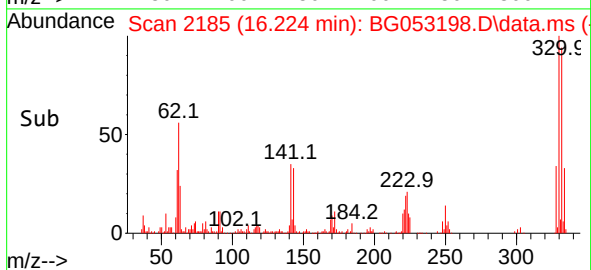
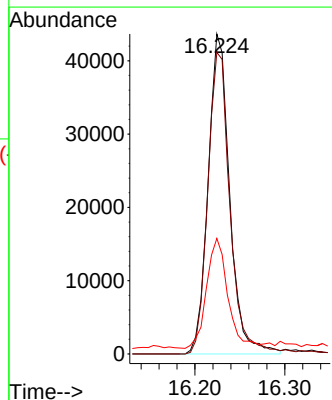
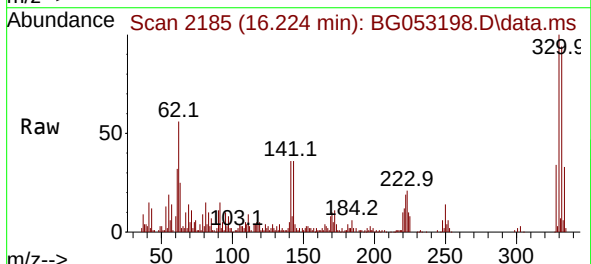
Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

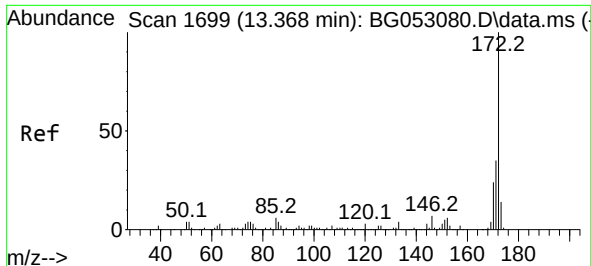
Tgt Ion:164 Resp: 96607
Ion Ratio Lower Upper
164 100
162 101.8 80.0 120.0
160 43.8 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 47.375 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.010 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

Tgt Ion:330 Resp: 72814
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 34.3 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 38.115 ng

RT: 13.364 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG053198.D

Acq: 19 Apr 2022 16:40

Instrument :

BNA_G

ClientSampleId :

WC-15-1-5

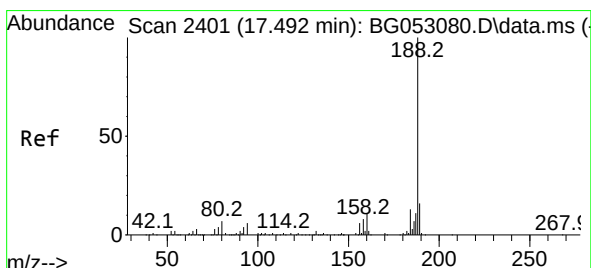
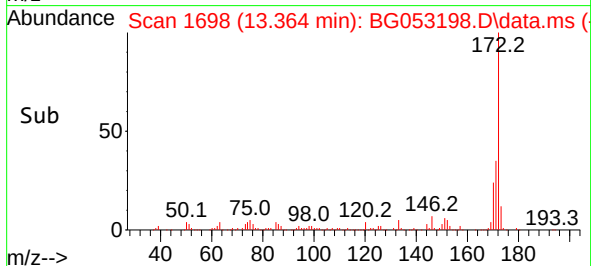
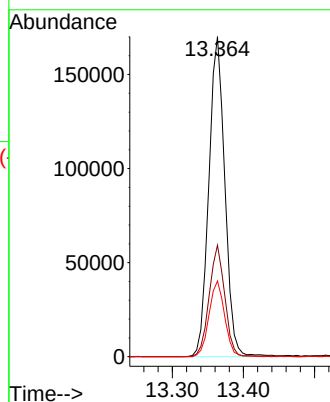
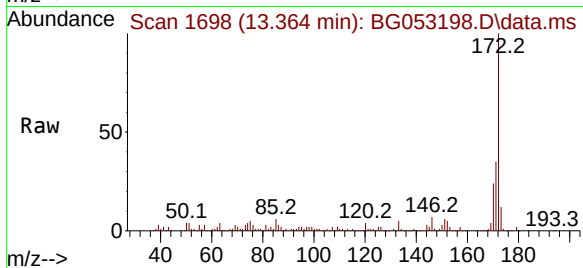
Tgt Ion:172 Resp: 267039

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.7 18.0 27.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.481 min Scan# 2399

Delta R.T. -0.010 min

Lab File: BG053198.D

Acq: 19 Apr 2022 16:40

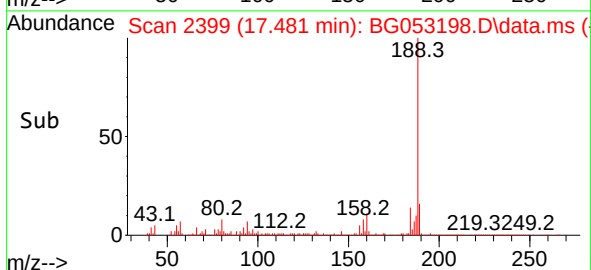
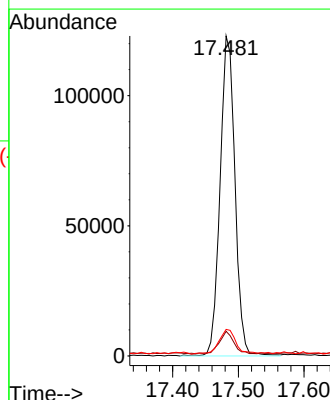
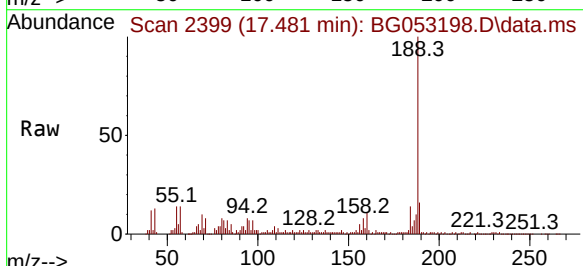
Tgt Ion:188 Resp: 193200

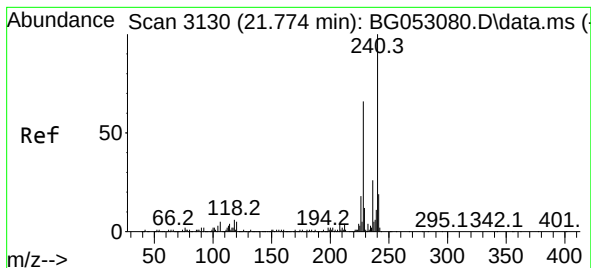
Ion Ratio Lower Upper

188 100

94 7.7 5.7 8.5

80 8.3 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.776 min Scan# 3130

Delta R.T. 0.002 min

Lab File: BG053198.D

Acq: 19 Apr 2022 16:40

Instrument :

BNA_G

ClientSampleId :

WC-15-1-5

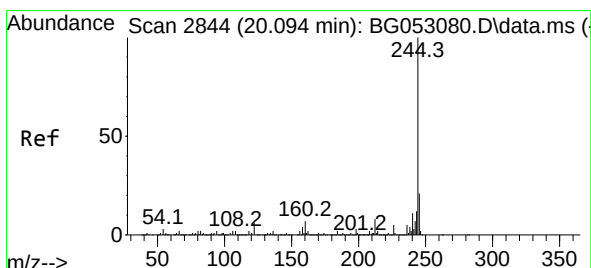
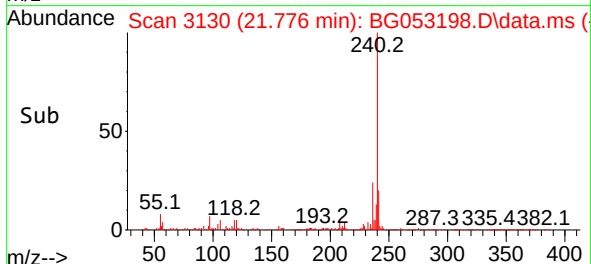
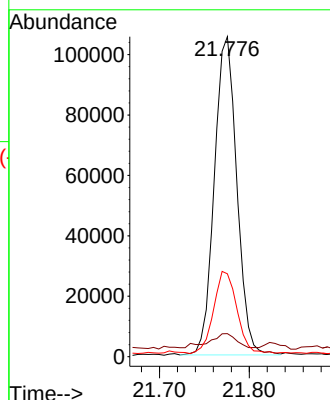
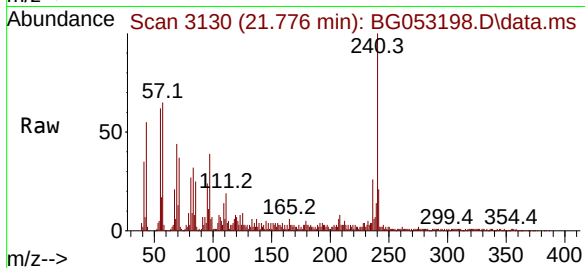
Tgt Ion:240 Resp: 183027

Ion Ratio Lower Upper

240 100

120 7.2 5.4 8.0

236 25.9 19.8 29.6



#79

Terphenyl-d14

Concen: 38.074 ng

RT: 20.090 min Scan# 2843

Delta R.T. -0.004 min

Lab File: BG053198.D

Acq: 19 Apr 2022 16:40

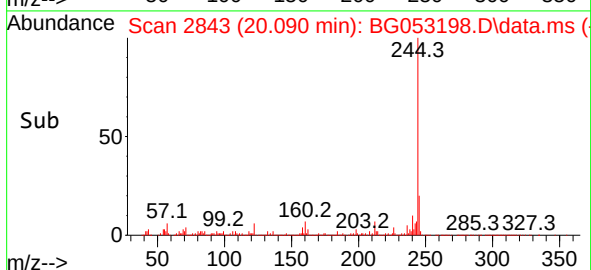
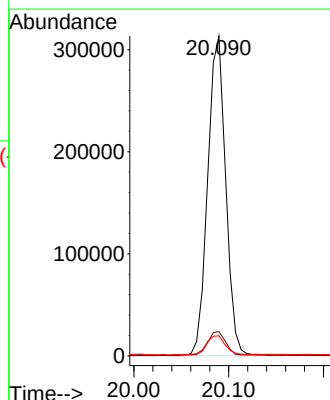
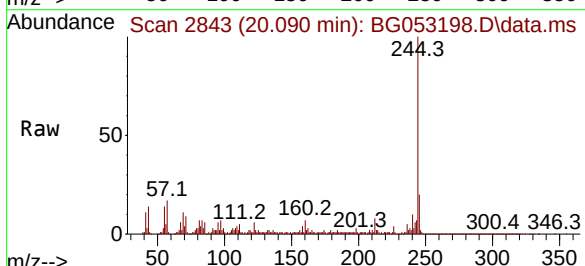
Tgt Ion:244 Resp: 412614

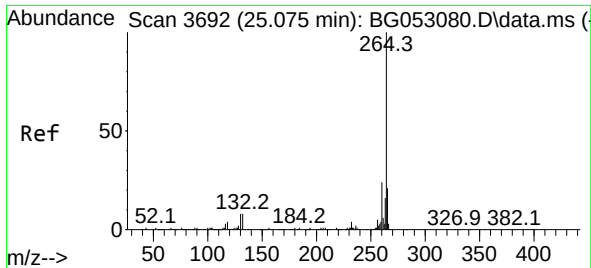
Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.2

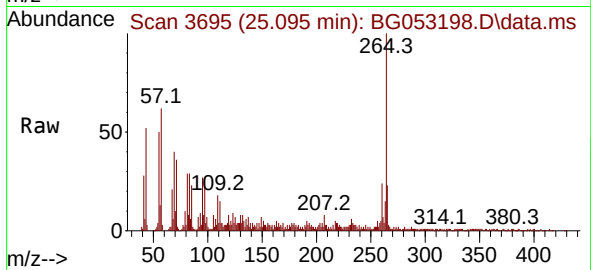
122 6.3 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.095 min Scan# 30
Delta R.T. 0.019 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

Instrument :
BNA_G
ClientSampleId :
WC-15-1-5



Tgt Ion:264 Resp: 190632
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.2
265 23.4 15.1 22.7#

