

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)

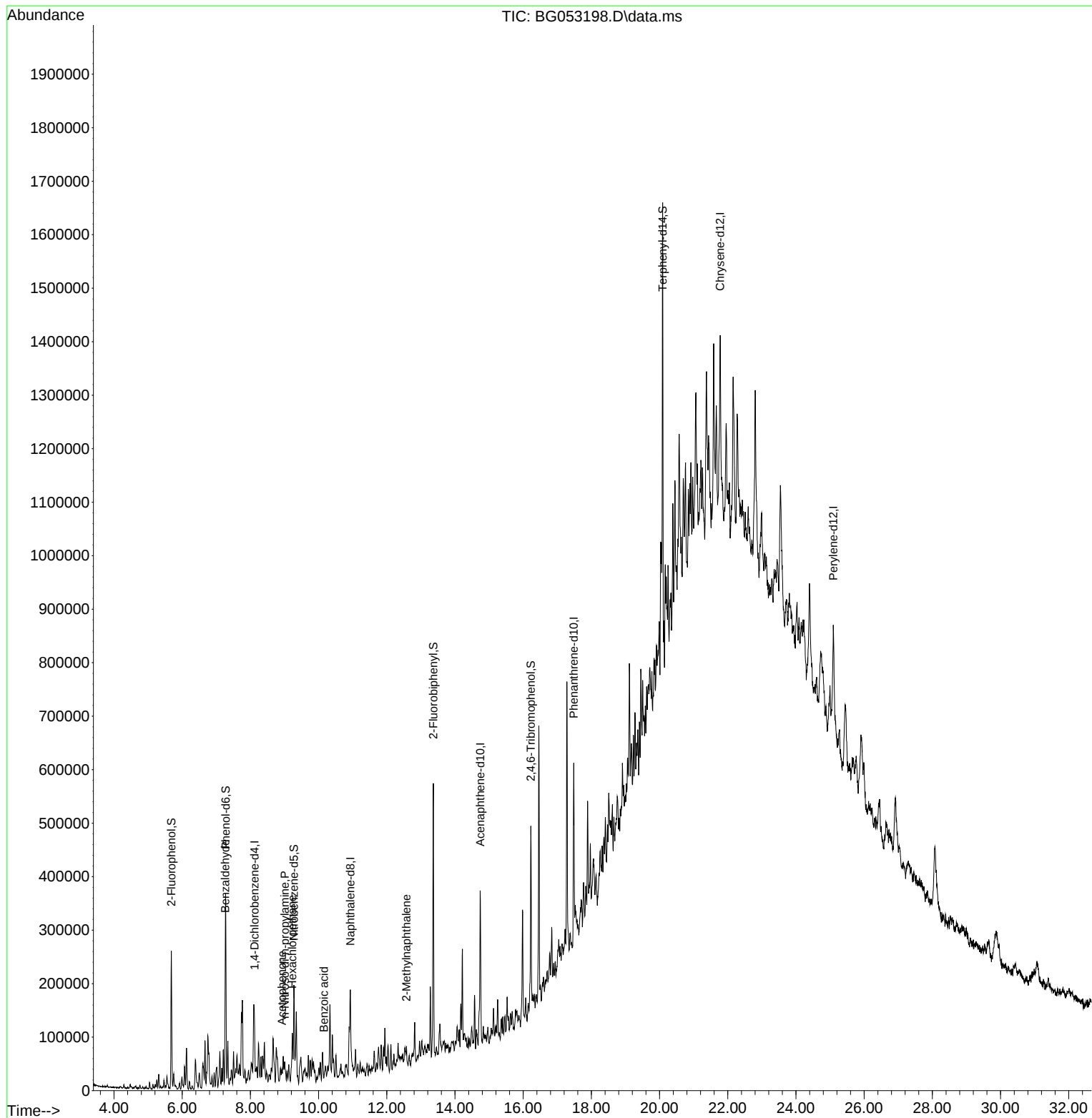
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	29929	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	129572	20.000	ng	# 0.00
39) Acenaphthene-d10	14.738	164	96607	20.000	ng	-0.01
64) Phenanthrene-d10	17.481	188	193200	20.000	ng	-0.01
76) Chrysene-d12	21.776	240	183027	20.000	ng	0.00
86) Perylene-d12	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						
						Qvalue
9) Benzaldehyde	7.260	77	3452	2.145	ng	# 1
18) Hexachloroethane	9.228	117	5383	6.429	ng	# 1
19) n-Nitroso-di-n-propyla...	9.011	70	5417	2.748	ng	# 59
22) Acetophenone	8.922	105	11790	3.280	ng	# 62
32) Benzoic acid	10.156	122	399	3.934	ng	# 51
37) 2-Methylnaphthalene	12.576	142	10338	2.021	ng	90

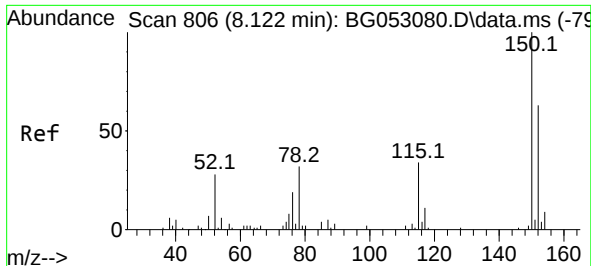
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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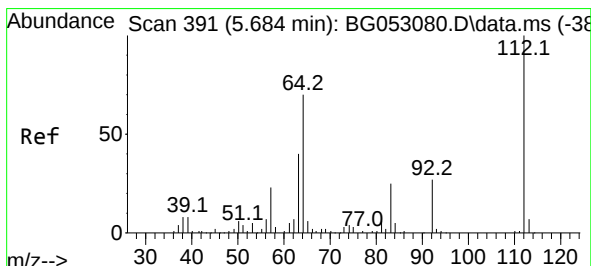
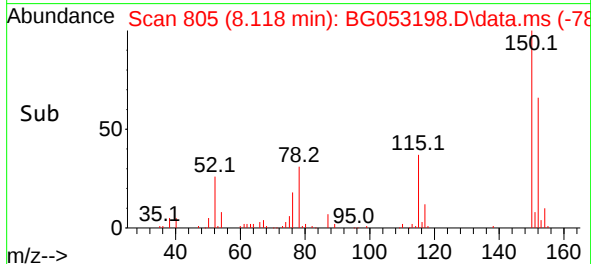
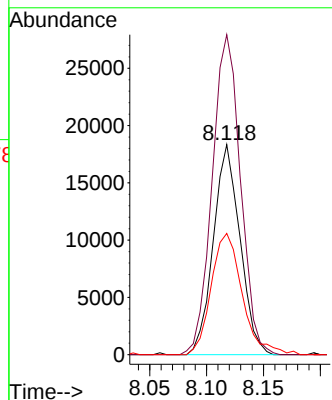
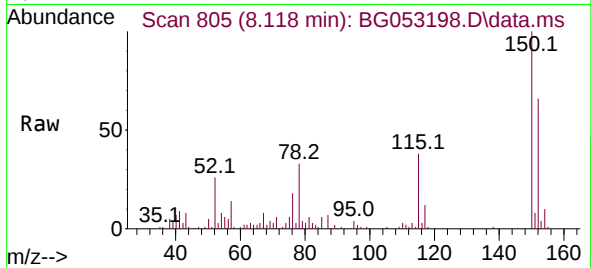




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.118 min Scan# 806
Delta R.T. -0.004 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

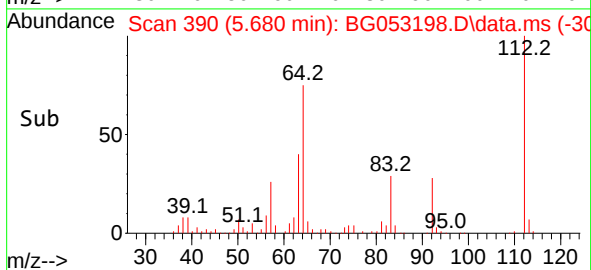
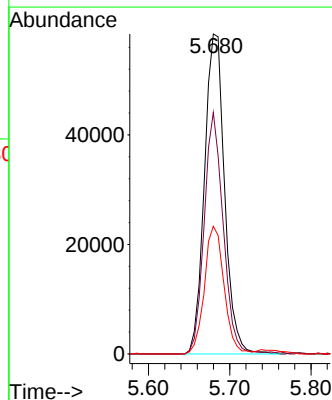
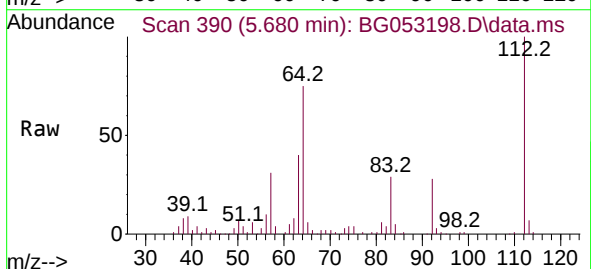
Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

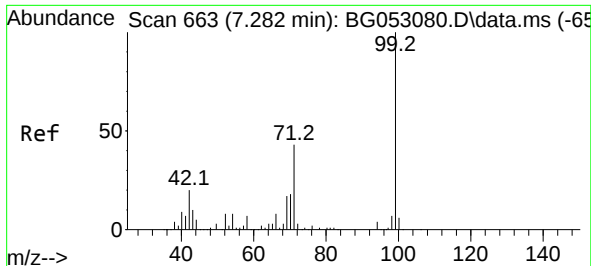
Tgt Ion:152 Resp: 29929
Ion Ratio Lower Upper
152 100
150 152.3 114.6 172.0
115 57.7 45.9 68.9



#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#

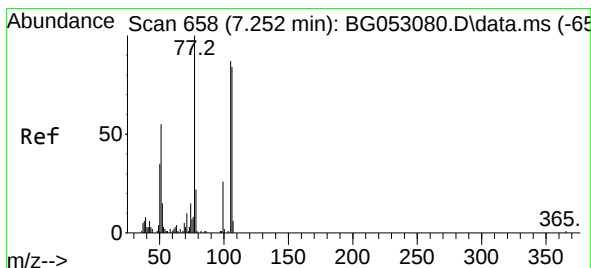
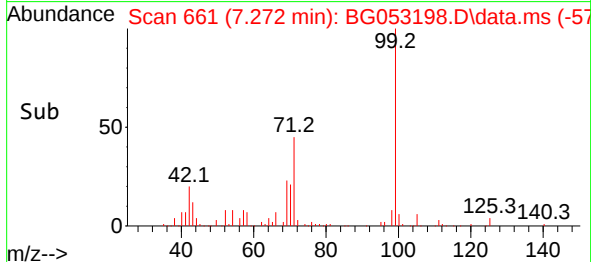
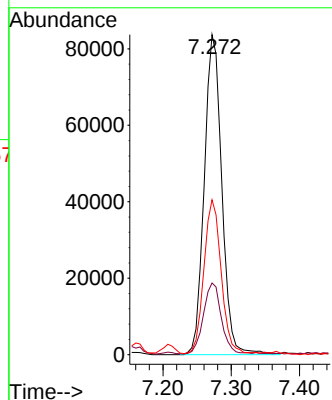
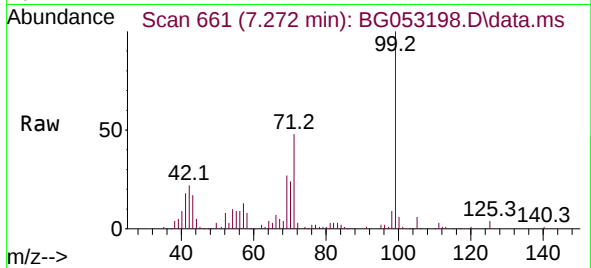




#7
Phenol-d6
Concen: 55.844 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.010 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

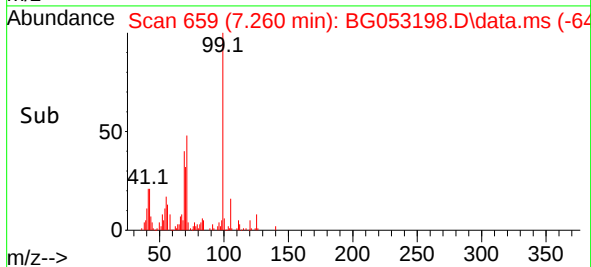
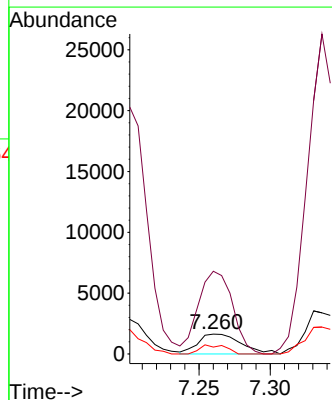
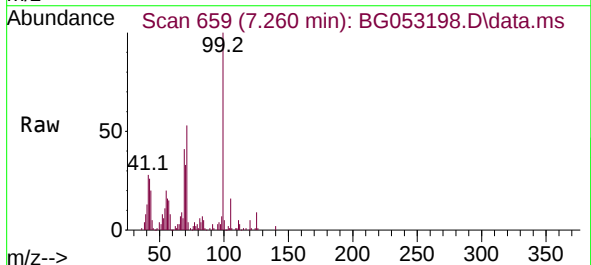
Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

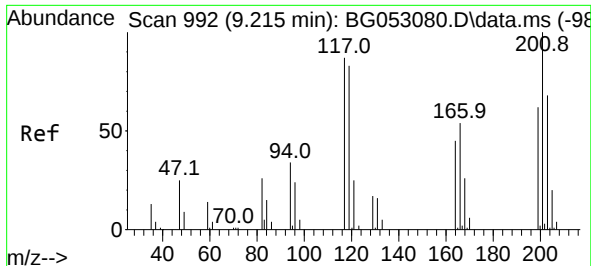
Tgt Ion: 99 Resp: 150358
Ion Ratio Lower Upper
99 100
42 22.4 14.7 22.1#
71 48.4 29.2 43.8#



#9
Benzaldehyde
Concen: 2.145 ng
RT: 7.260 min Scan# 659
Delta R.T. 0.008 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

Tgt Ion: 77 Resp: 3452
Ion Ratio Lower Upper
77 100
105 415.9 70.6 110.6#
106 34.6 67.6 107.6#

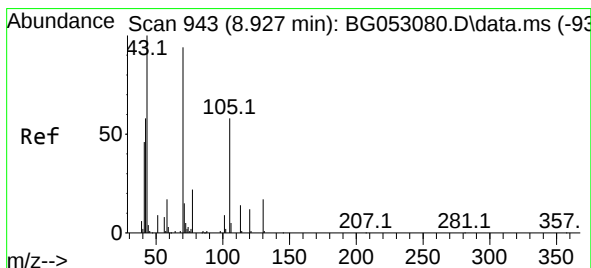
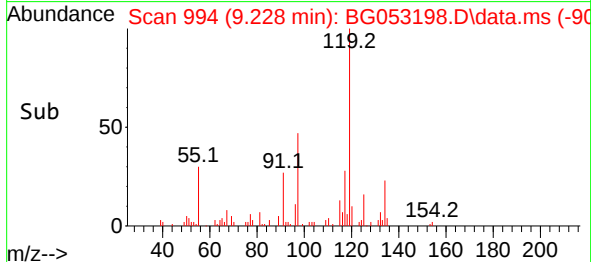
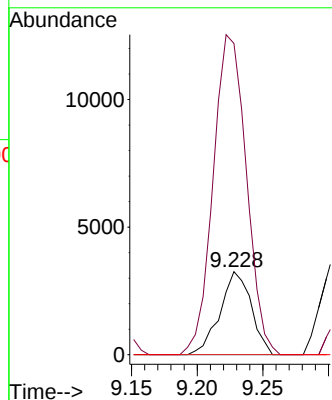
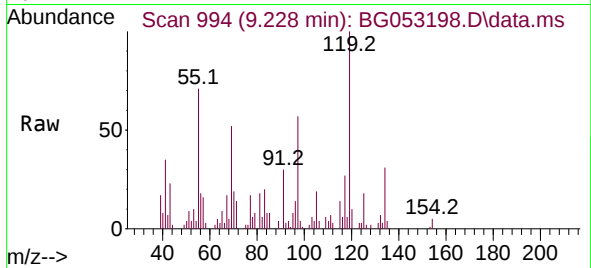




#18
Hexachloroethane
Concen: 6.429 ng
RT: 9.228 min Scan# 994
Delta R.T. 0.013 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

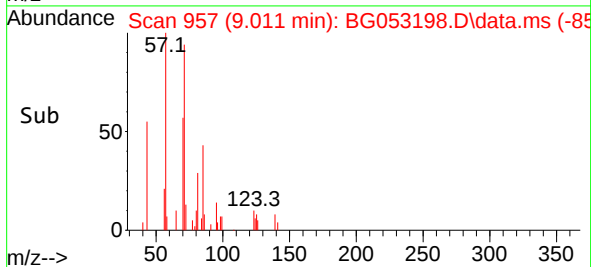
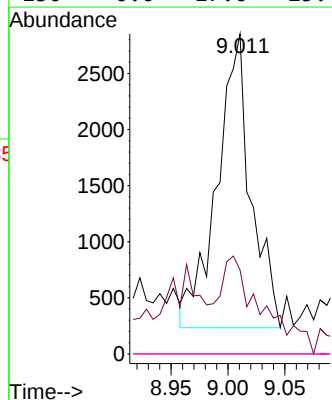
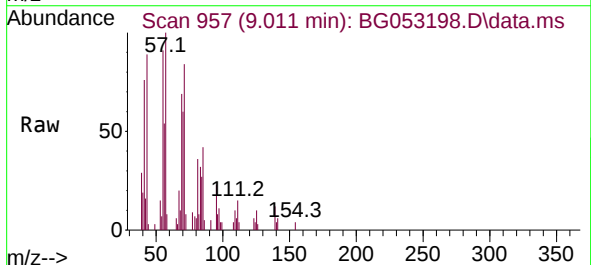
Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

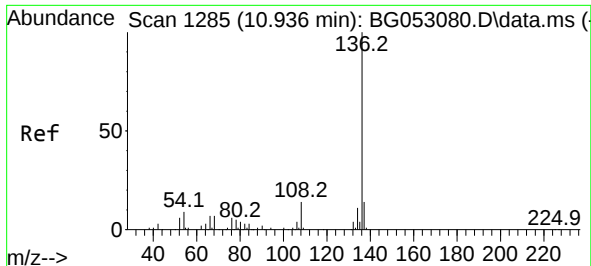
Tgt Ion:117 Resp: 5383
Ion Ratio Lower Upper
117 100
119 374.7 75.1 112.7#
201 0.0 96.6 145.0#



#19
n-Nitroso-di-n-propylamine
Concen: 2.748 ng
RT: 9.011 min Scan# 957
Delta R.T. 0.084 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

Tgt Ion: 70 Resp: 5417
Ion Ratio Lower Upper
70 100
42 26.3 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

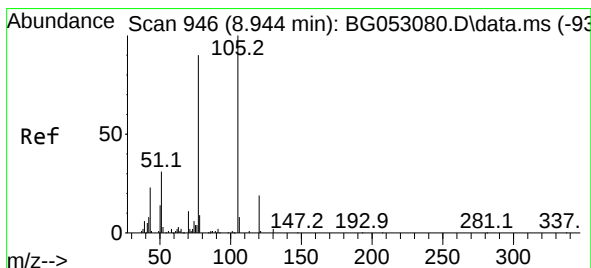
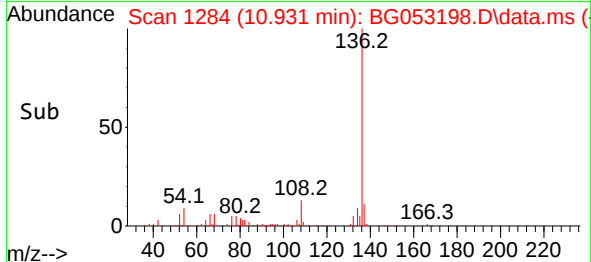
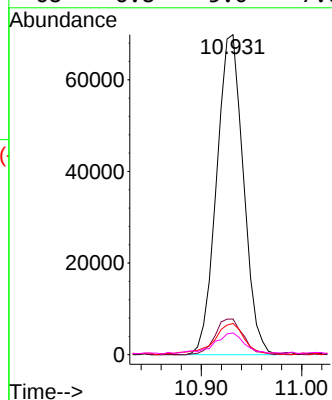
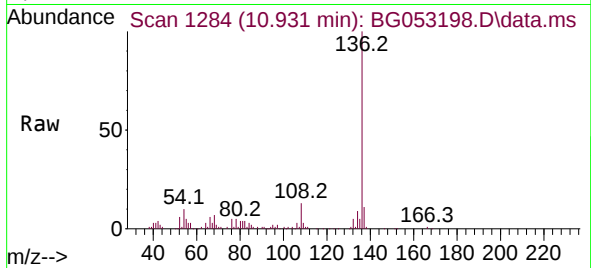




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

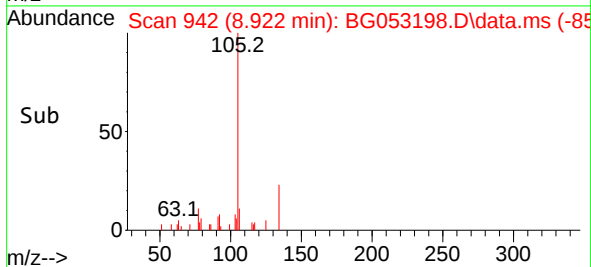
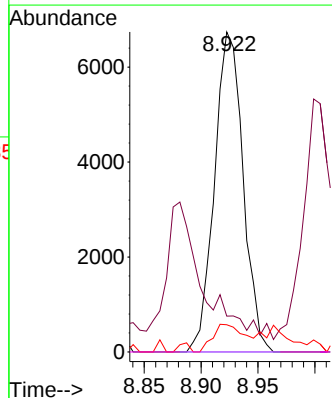
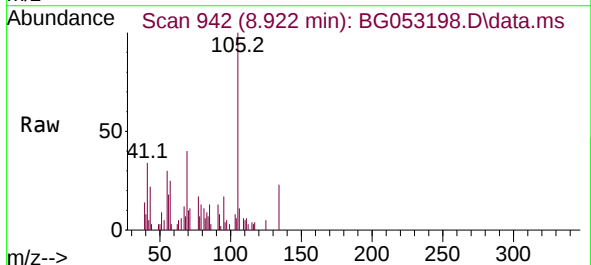
Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

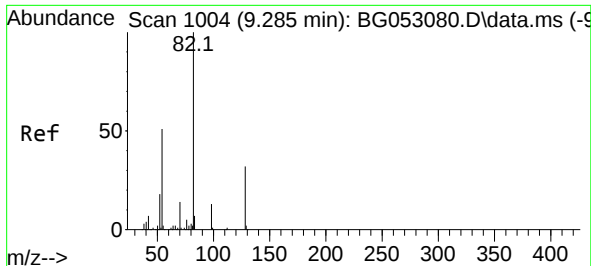
Tgt Ion:	136	Resp:	129572
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.4	14.2
54	9.8	6.4	9.6#
68	6.8	5.0	7.6



#22
Acetophenone
Concen: 3.280 ng
RT: 8.922 min Scan# 942
Delta R.T. -0.022 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

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#

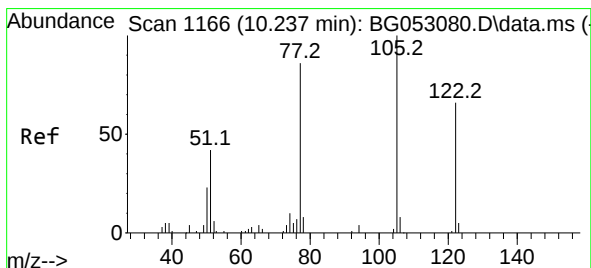
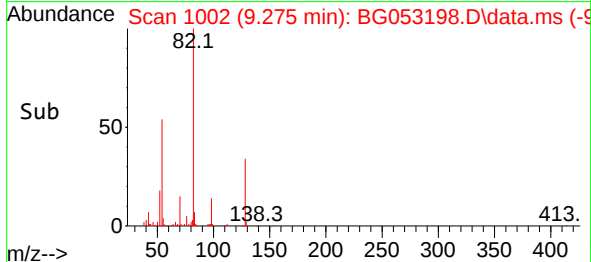
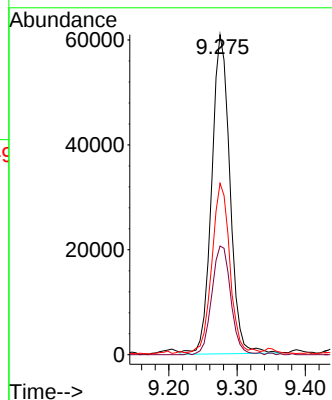
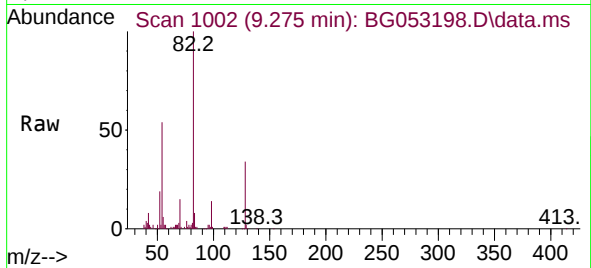




#23
Nitrobenzene-d5
Concen: 35.481 ng
RT: 9.275 min Scan# 1102
Delta R.T. -0.010 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

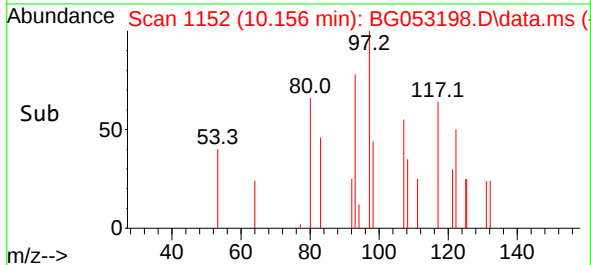
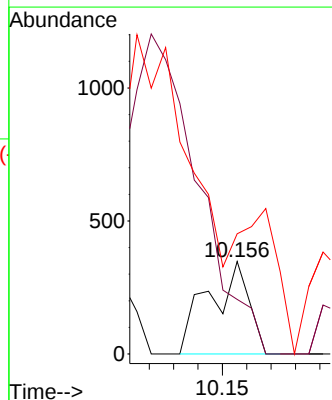
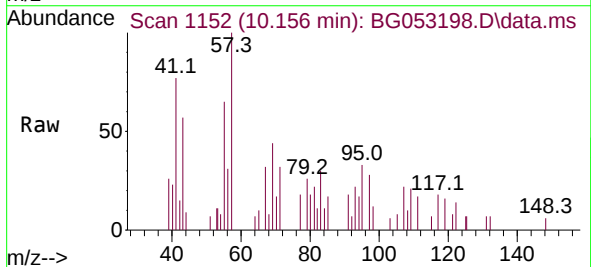
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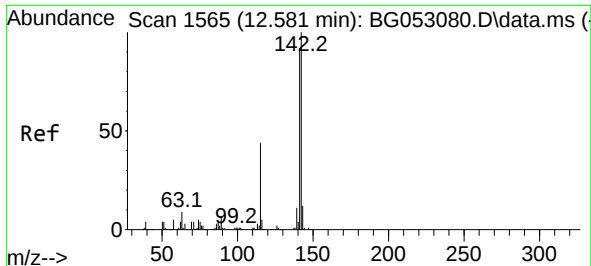
Tgt Ion: 82 Resp: 113224
Ion Ratio Lower Upper
82 100
128 33.9 31.3 46.9
54 53.5 37.8 56.8



#32
Benzoic acid
Concen: 3.934 ng
RT: 10.156 min Scan# 1152
Delta R.T. -0.081 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

Tgt Ion:122 Resp: 399
Ion Ratio Lower Upper
122 100
105 58.9 112.8 152.8#
77 129.9 78.4 118.4#

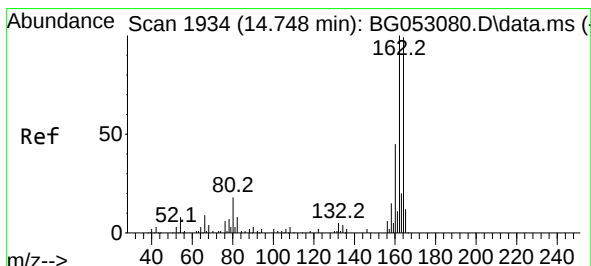
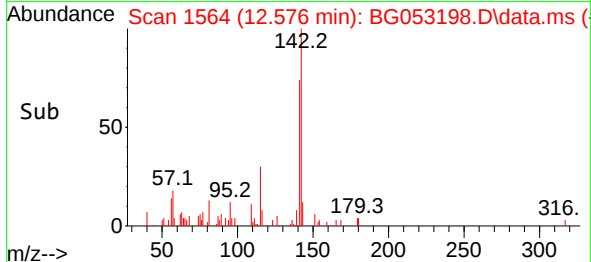
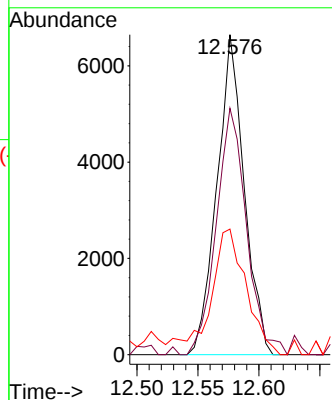
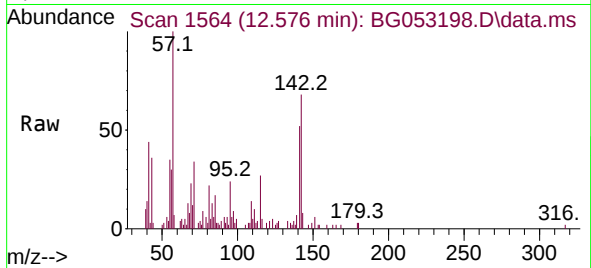




#37
2-Methylnaphthalene
Concen: 2.021 ng
RT: 12.576 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

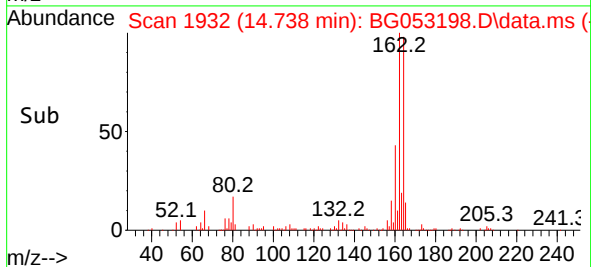
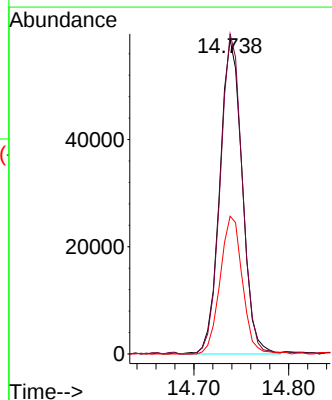
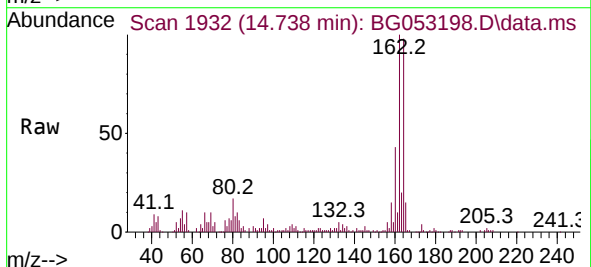
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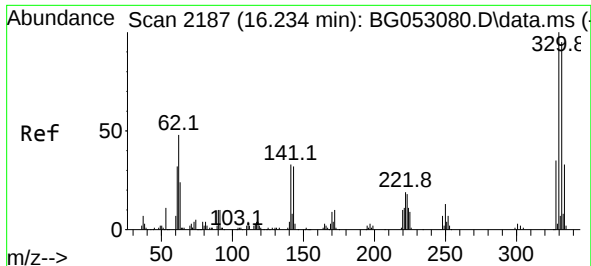
Tgt Ion:142 Resp: 10338
Ion Ratio Lower Upper
142 100
141 77.0 71.3 106.9
115 39.2 29.5 44.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.010 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

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

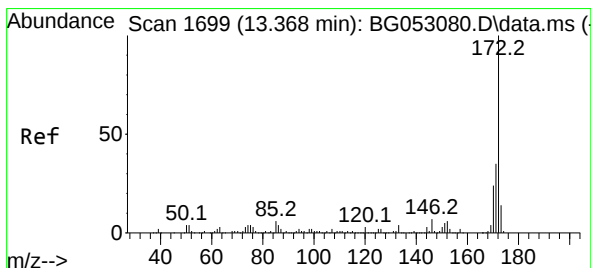
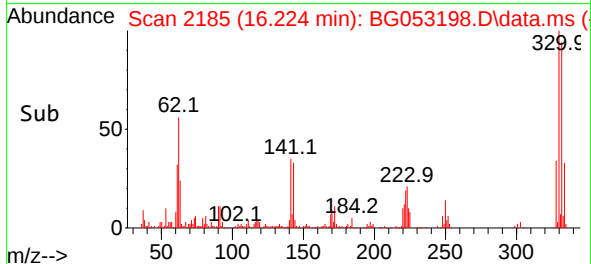
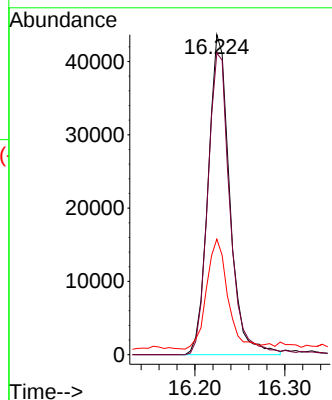
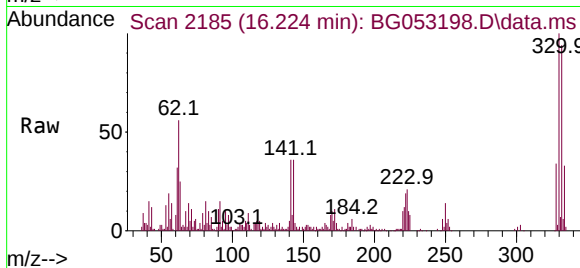




#42
2,4,6-Tribromophenol
Concen: 47.375 ng
RT: 16.224 min Scan# 2187
Delta R.T. -0.010 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

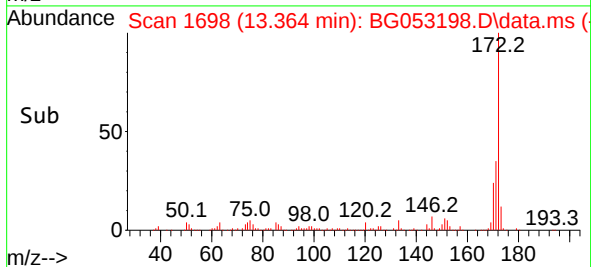
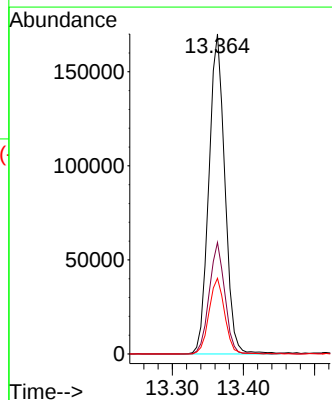
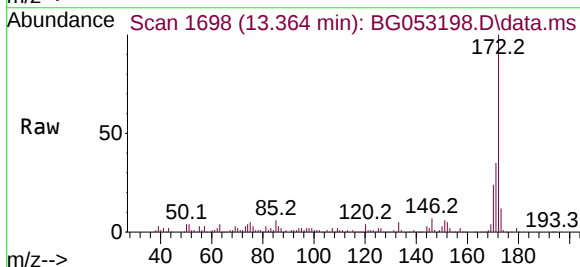
Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

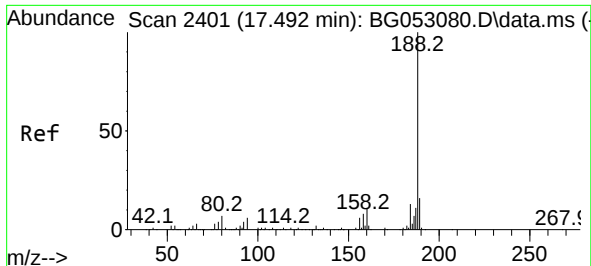
Tgt Ion:330 Resp: 72814
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 34.3 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 38.115 ng
RT: 13.364 min Scan# 1698
Delta R.T. -0.004 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

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

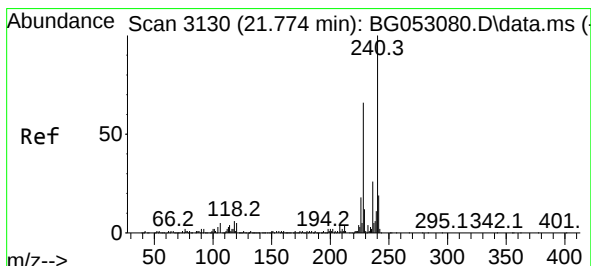
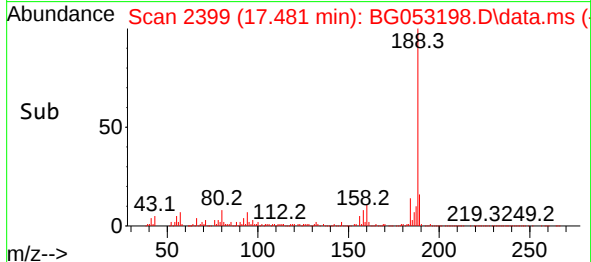
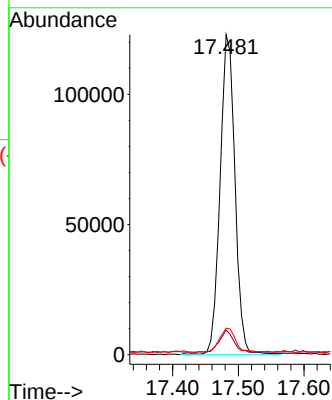
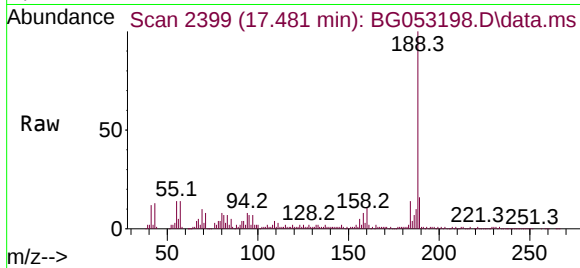




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG053198.D
Acq: 19 Apr 2022 16:40

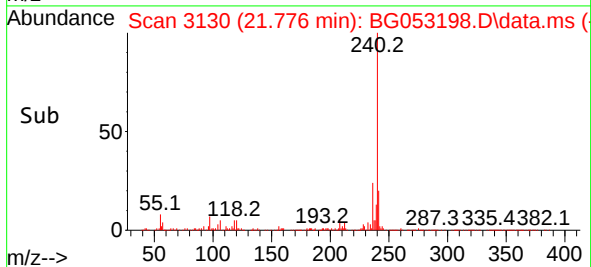
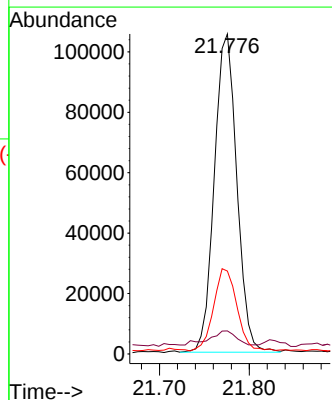
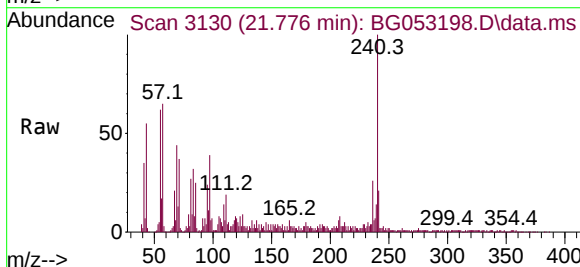
Instrument :
BNA_G
ClientSampleId :
WC-15-1-5

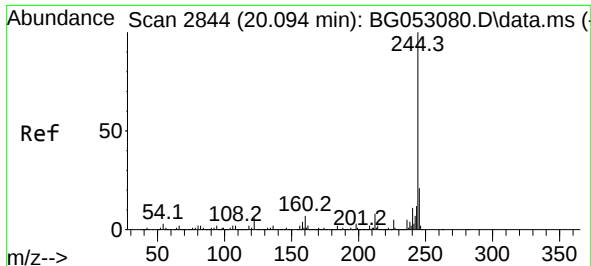
Tgt Ion:188 Resp: 193200
Ion Ratio Lower Upper
188 100
94 7.7 5.7 8.5
80 8.3 7.2 10.8



#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

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

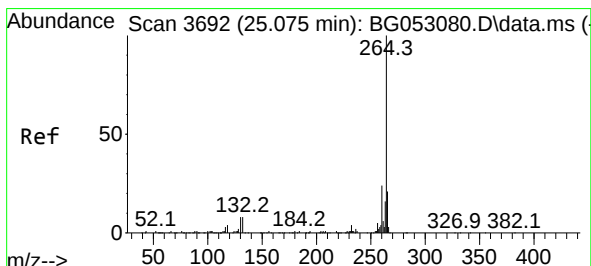
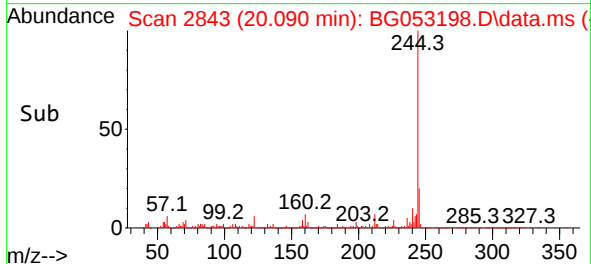
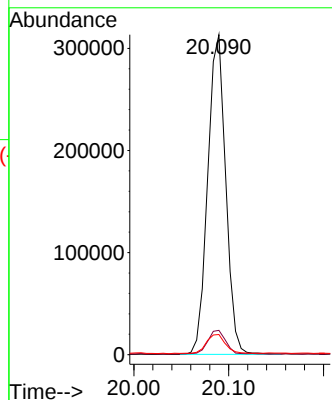
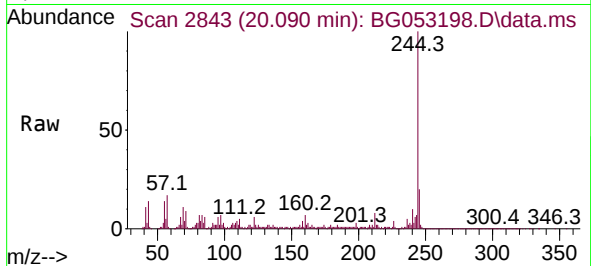




#79
 Terphenyl-d14
 Concen: 38.074 ng
 RT: 20.090 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG053198.D
 Acq: 19 Apr 2022 16:40

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

Tgt Ion: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# 3695
 Delta R.T. 0.019 min
 Lab File: BG053198.D
 Acq: 19 Apr 2022 16:40

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#

