

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
 Data File : BG053296.D
 Acq On : 23 Apr 2022 17:00
 Operator : CG/JU
 Sample : N2525-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-01-042122

Quant Time: Apr 24 02:49:44 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)

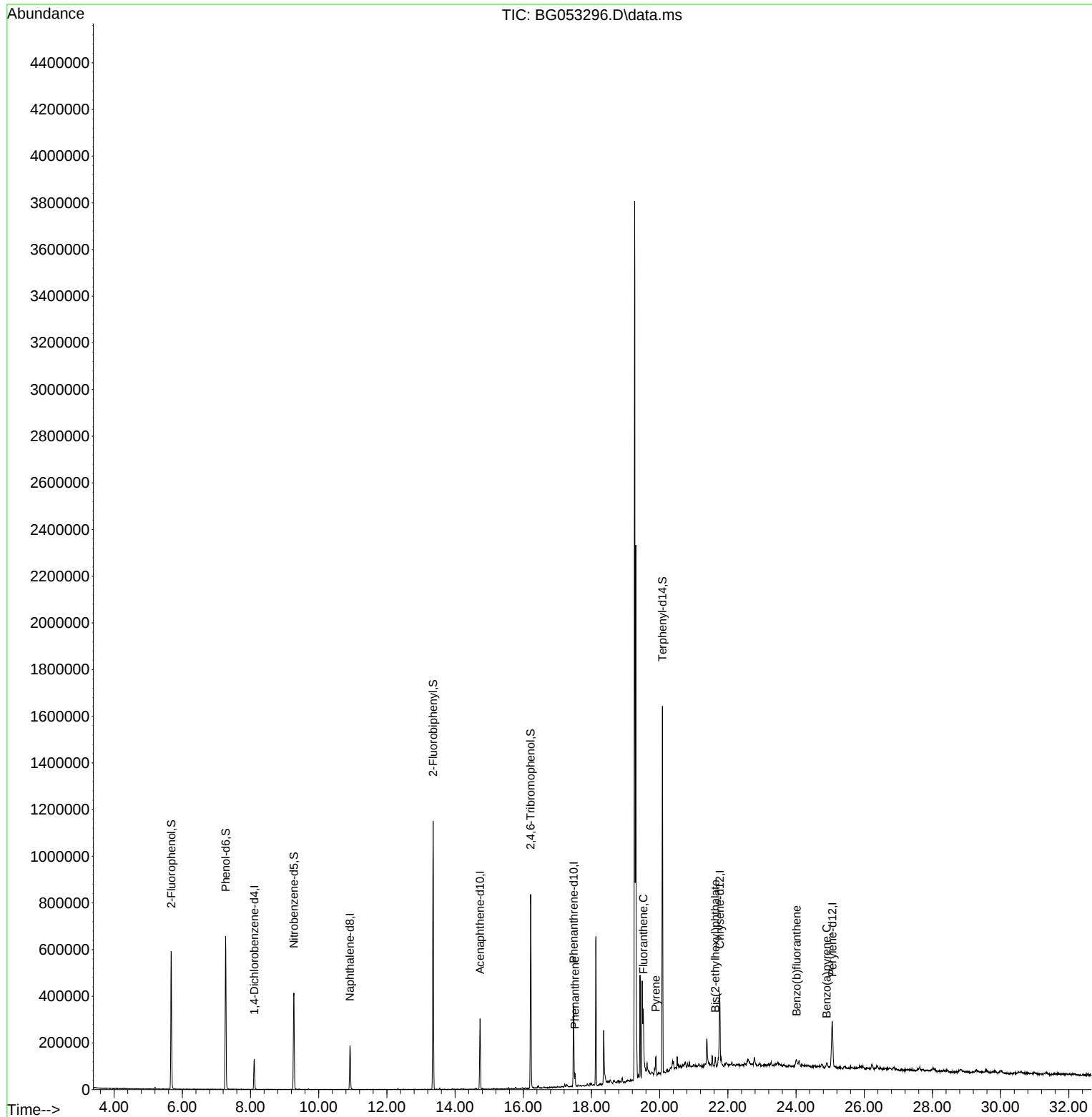
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	36284	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	156982	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	111179	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	227047	20.000	ng	0.00
76) Chrysene-d12	21.762	240	202886	20.000	ng	# 0.00
86) Perylene-d12	25.064	264	211268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	252504	119.292	ng	0.00
7) Phenol-d6	7.270	99	373467	114.414	ng	0.00
23) Nitrobenzene-d5	9.273	82	267054	69.074	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	170926	96.633	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	589520	73.116	ng	0.00
79) Terphenyl-d14	20.082	244	776981	64.679	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.515	178	36327	2.929	ng	96
75) Fluoranthene	19.524	202	53957	3.394	ng	97
78) Pyrene	19.888	202	48733	3.373	ng	97
84) Bis(2-ethylhexyl)phtha...	21.633	149	17085	2.346	ng	# 96
88) Benzo(b)fluoranthene	24.018	252	33588	2.520	ng	# 92
90) Benzo(a)pyrene	24.899	252	24392	2.148	ng	# 91

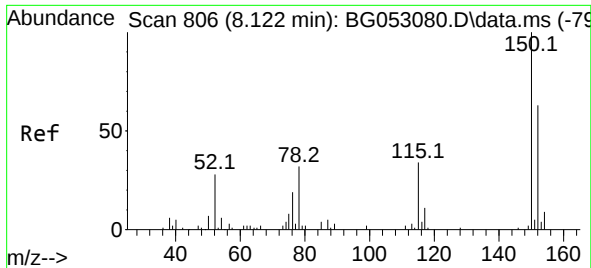
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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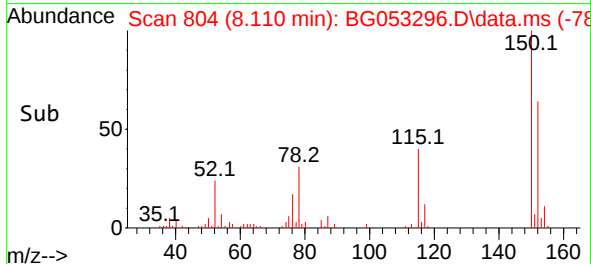
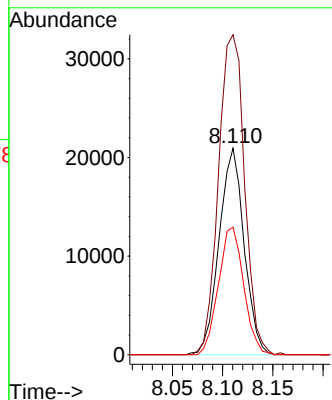
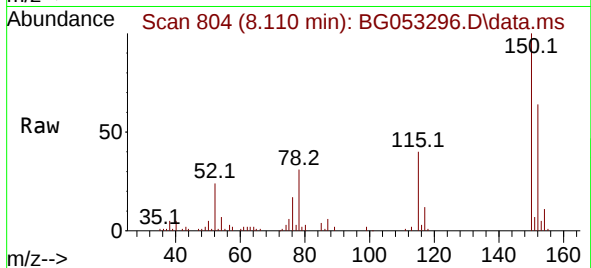




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

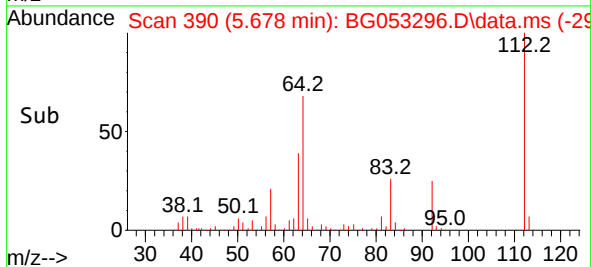
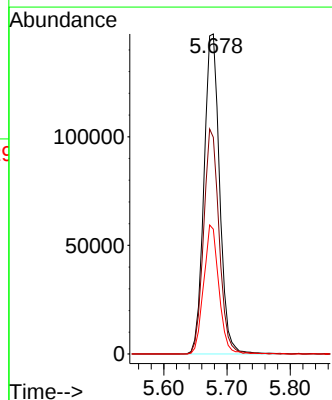
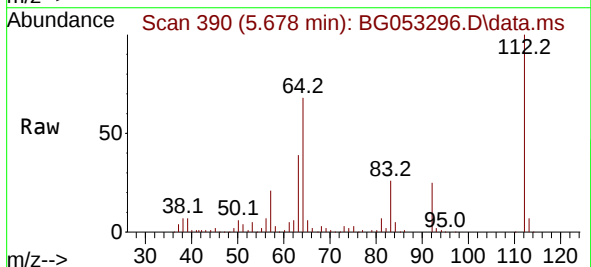
Instrument :
BNA_G
ClientSampleId :
HR-01-042122

Tgt Ion:152 Resp: 36284
Ion Ratio Lower Upper
152 100
150 155.1 114.6 172.0
115 61.8 45.9 68.9



#5
2-Fluorophenol
Concen: 119.292 ng
RT: 5.678 min Scan# 390
Delta R.T. 0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

Tgt Ion:112 Resp: 252504
Ion Ratio Lower Upper
112 100
64 67.7 48.0 72.0
63 39.0 26.5 39.7

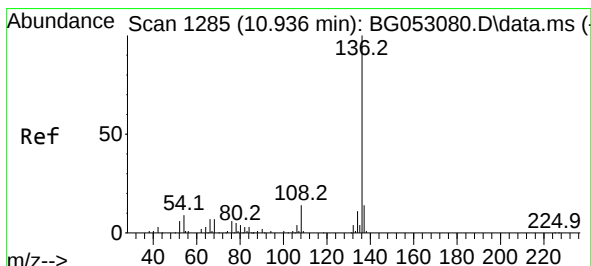
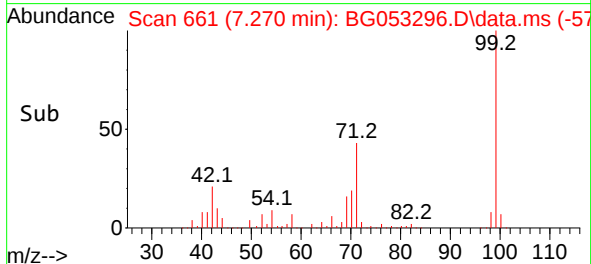
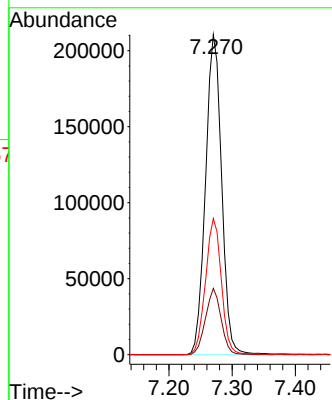
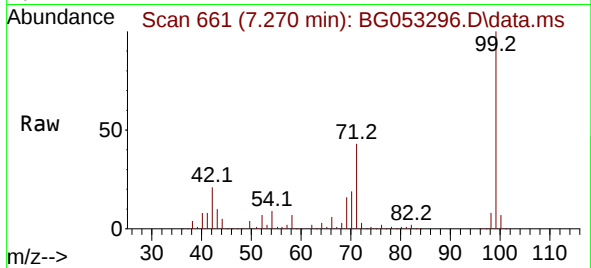




#7
Phenol-d6
Concen: 114.414 ng
RT: 7.270 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

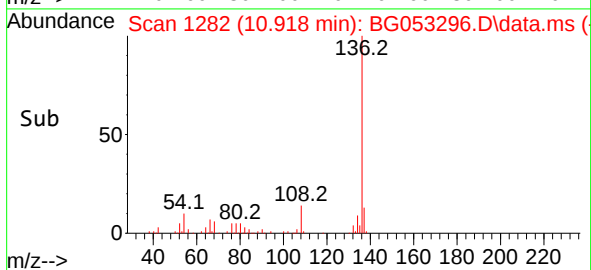
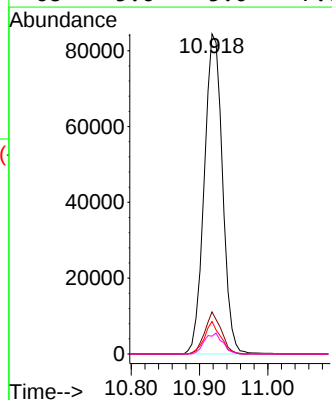
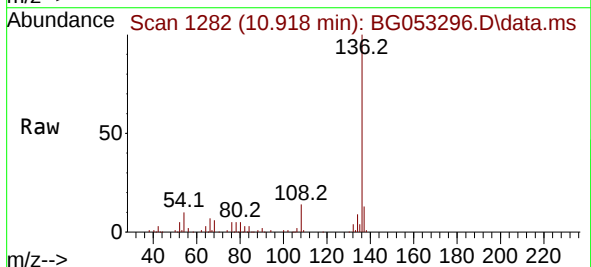
Instrument :
BNA_G
ClientSampleId :
HR-01-042122

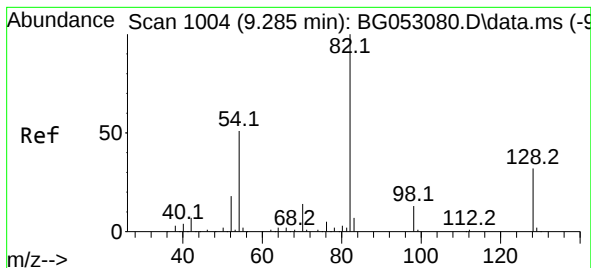
Tgt Ion: 99 Resp: 373467
Ion Ratio Lower Upper
99 100
42 20.7 14.7 22.1
71 42.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 1282
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

Tgt Ion: 136 Resp: 156982
Ion Ratio Lower Upper
136 100
137 13.1 9.4 14.2
54 10.2 6.4 9.6#
68 5.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 69.074 ng

RT: 9.273 min Scan# 1002

Delta R.T. -0.003 min

Lab File: BG053296.D

Acq: 23 Apr 2022 17:00

Instrument :

BNA_G

ClientSampleId :

HR-01-042122

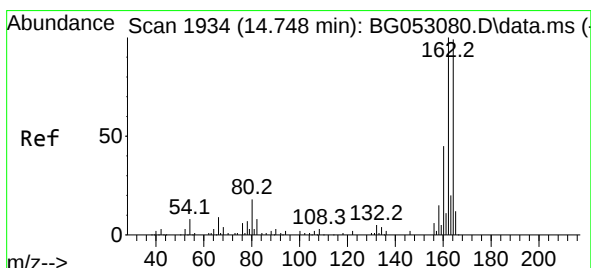
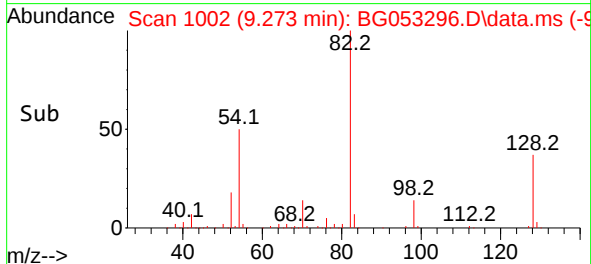
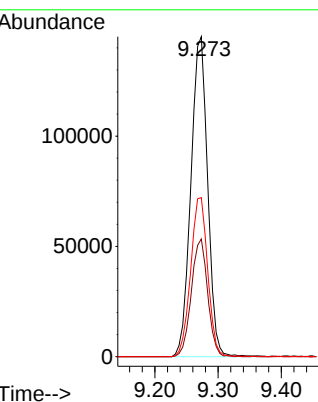
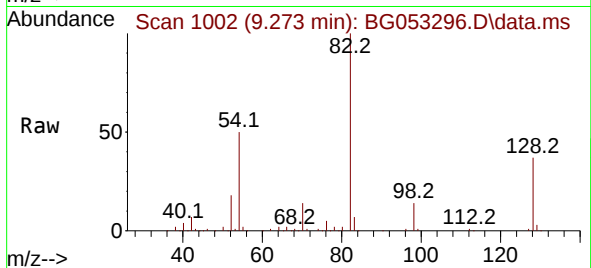
Tgt Ion: 82 Resp: 267054

Ion Ratio Lower Upper

82 100

128 36.8 31.3 46.9

54 49.7 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.731 min Scan# 1931

Delta R.T. -0.003 min

Lab File: BG053296.D

Acq: 23 Apr 2022 17:00

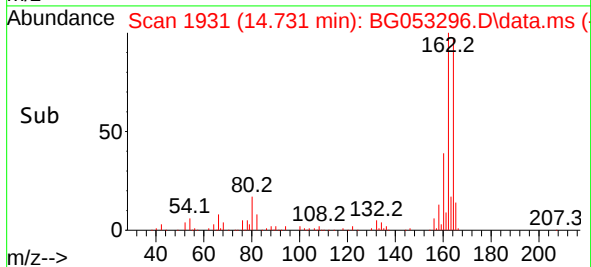
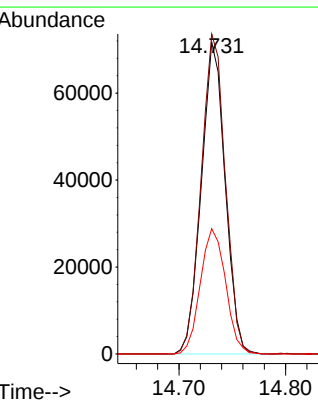
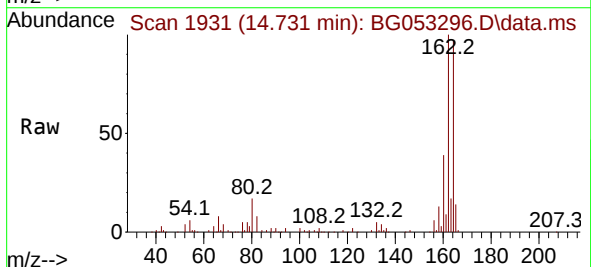
Tgt Ion: 164 Resp: 111179

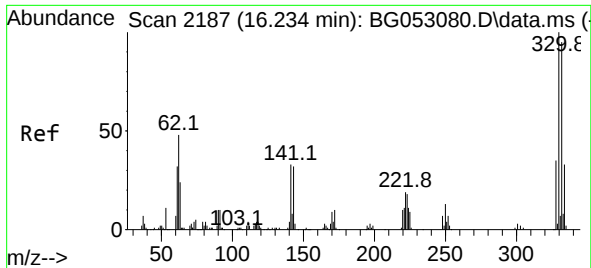
Ion Ratio Lower Upper

164 100

162 102.7 80.0 120.0

160 40.2 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 96.633 ng

RT: 16.217 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG053296.D

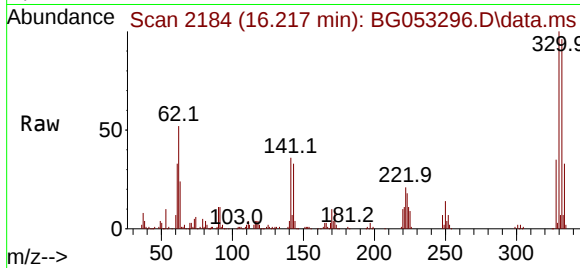
Acq: 23 Apr 2022 17:00

Instrument :

BNA_G

ClientSampleId :

HR-01-042122



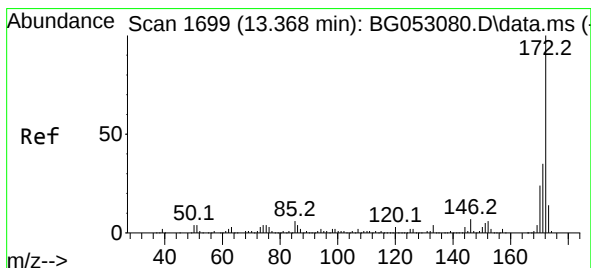
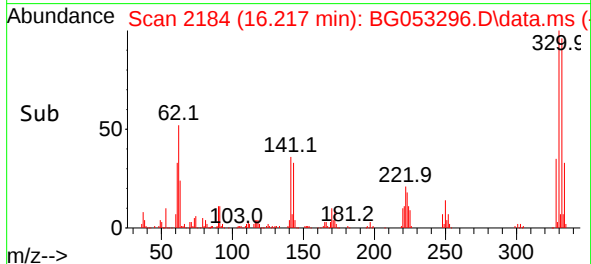
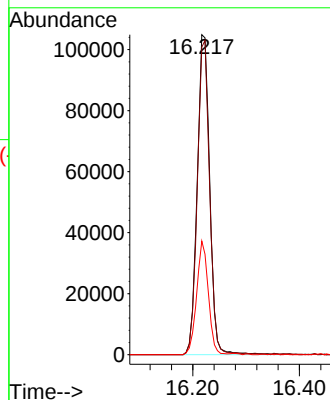
Tgt Ion:330 Resp: 170926

Ion Ratio Lower Upper

330 100

332 96.3 75.8 113.6

141 33.2 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 73.116 ng

RT: 13.356 min Scan# 1697

Delta R.T. -0.003 min

Lab File: BG053296.D

Acq: 23 Apr 2022 17:00

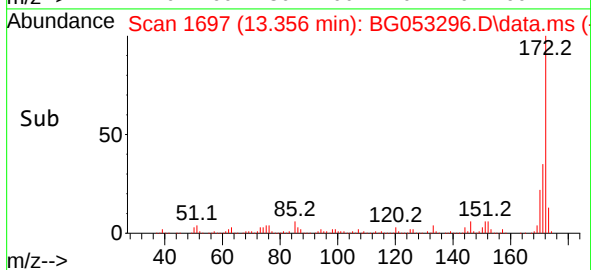
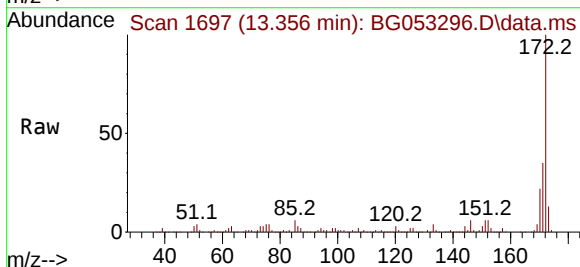
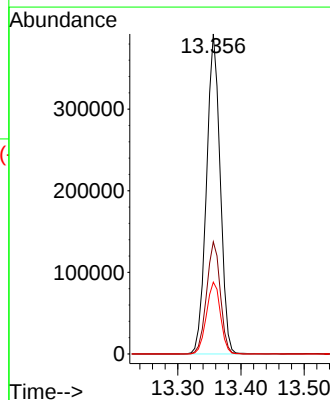
Tgt Ion:172 Resp: 589520

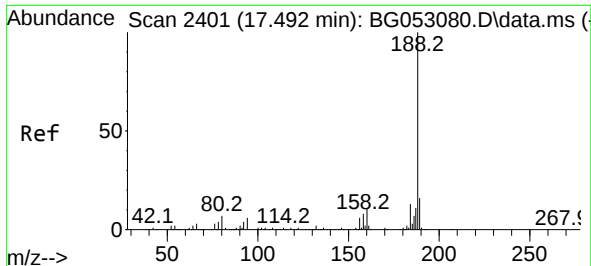
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 22.4 18.0 27.0

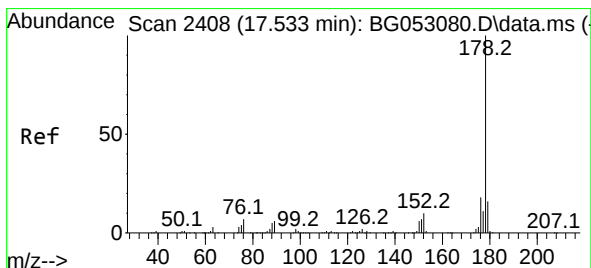
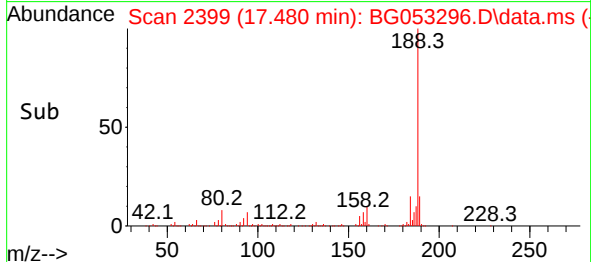
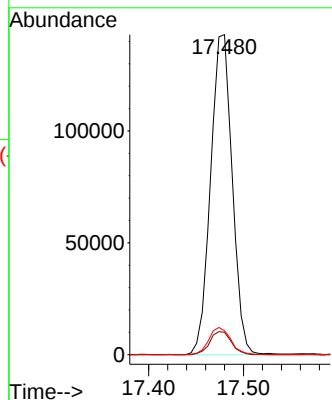
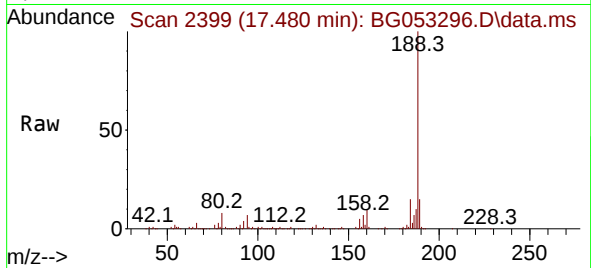




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

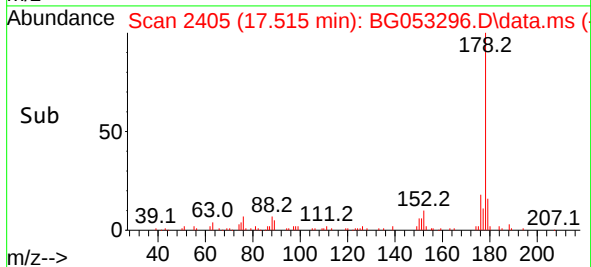
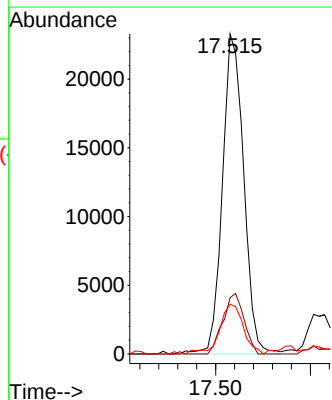
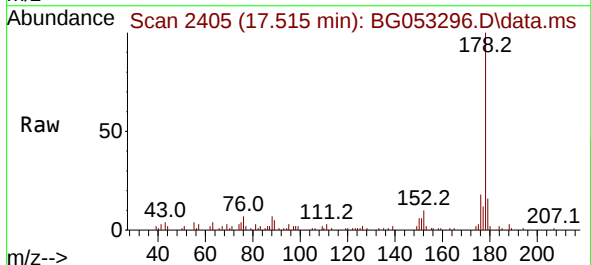
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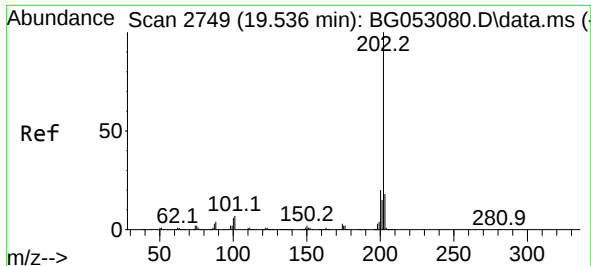
Tgt Ion:188 Resp: 227047
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 7.5 7.2 10.8



#71
Phenanthrene
Concen: 2.929 ng
RT: 17.515 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

Tgt Ion:178 Resp: 36327
Ion Ratio Lower Upper
178 100
176 17.6 15.9 23.9
179 15.6 13.4 20.2

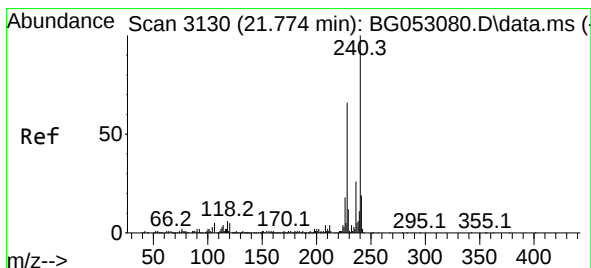
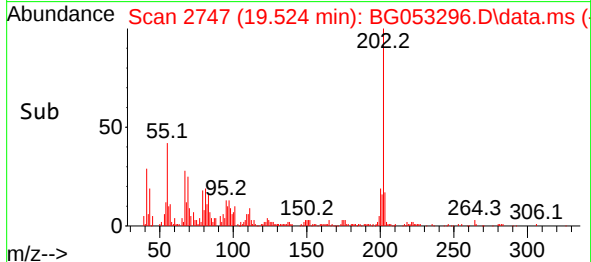
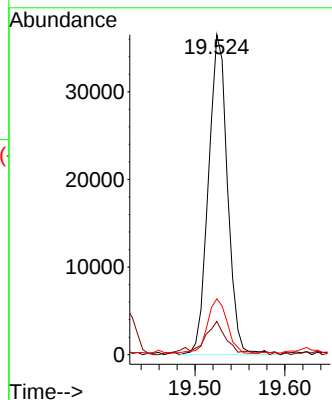
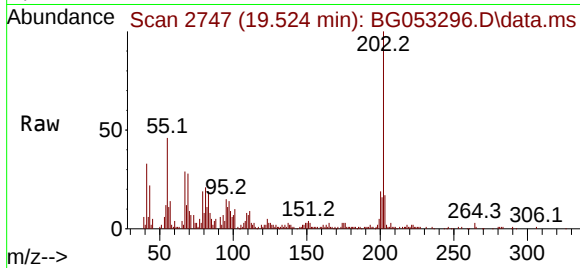




#75
Fluoranthene
Concen: 3.394 ng
RT: 19.524 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

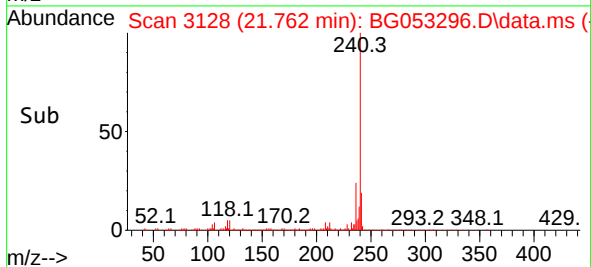
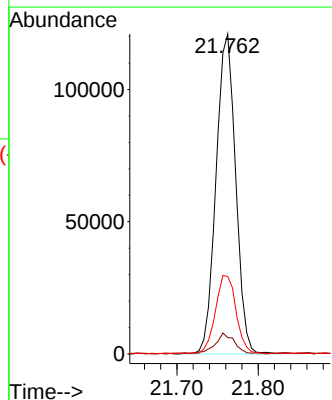
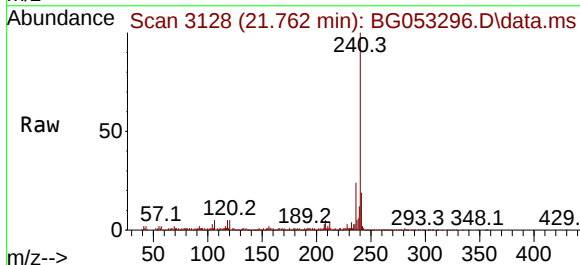
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HR-01-042122

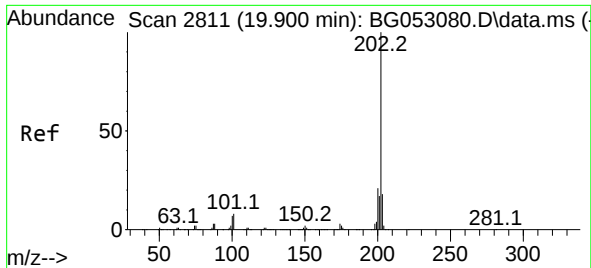
Tgt Ion:202 Resp: 53957
Ion Ratio Lower Upper
202 100
101 10.4 0.0 27.3
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.762 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

Tgt Ion:240 Resp: 202886
Ion Ratio Lower Upper
240 100
120 5.1 5.4 8.0#
236 24.2 19.8 29.6

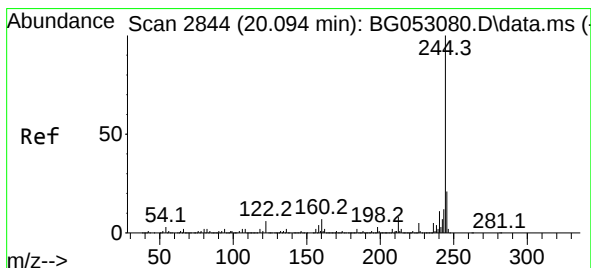
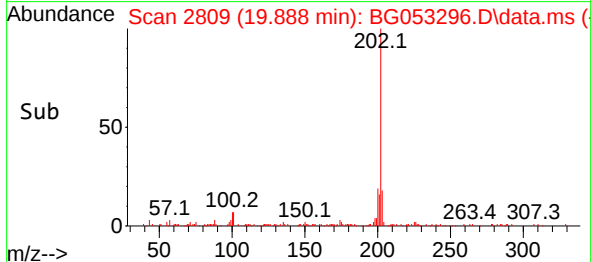
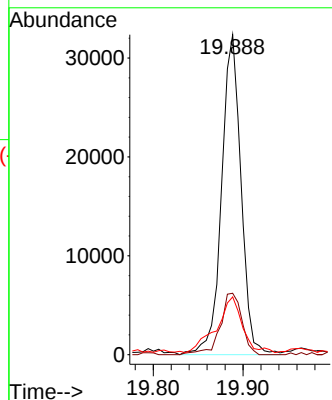
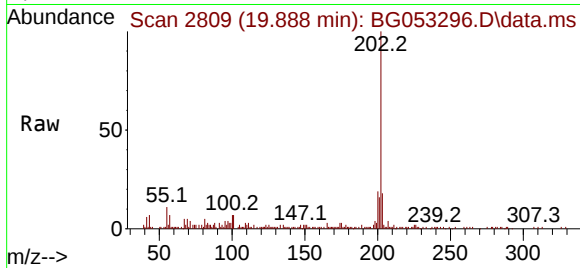




#78
 Pyrene
 Concen: 3.373 ng
 RT: 19.888 min Scan# 2809
 Delta R.T. -0.003 min
 Lab File: BG053296.D
 Acq: 23 Apr 2022 17:00

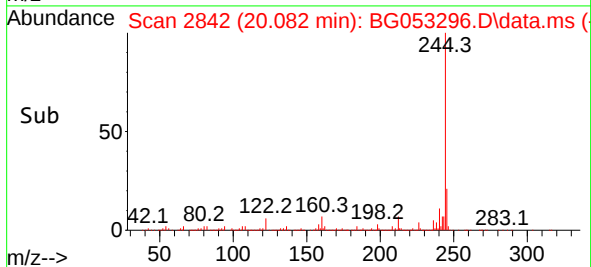
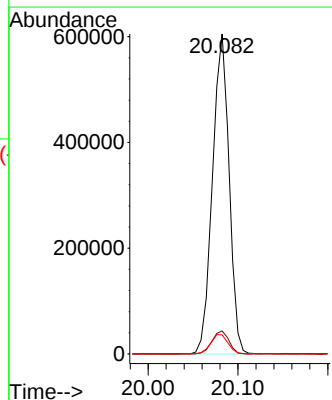
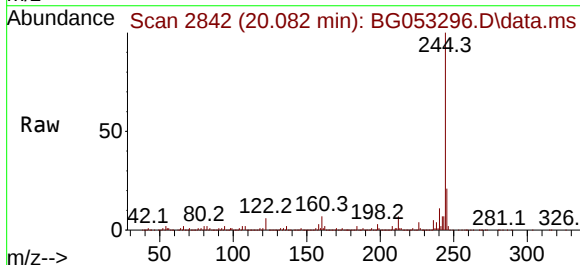
Instrument :
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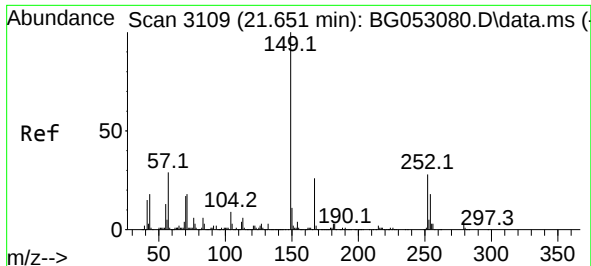
Tgt Ion:202 Resp: 48733
 Ion Ratio Lower Upper
 202 100
 200 19.2 17.0 25.6
 203 18.0 15.0 22.6



#79
 Terphenyl-d14
 Concen: 64.679 ng
 RT: 20.082 min Scan# 2842
 Delta R.T. -0.003 min
 Lab File: BG053296.D
 Acq: 23 Apr 2022 17:00

Tgt Ion:244 Resp: 776981
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 6.0 5.8 8.6

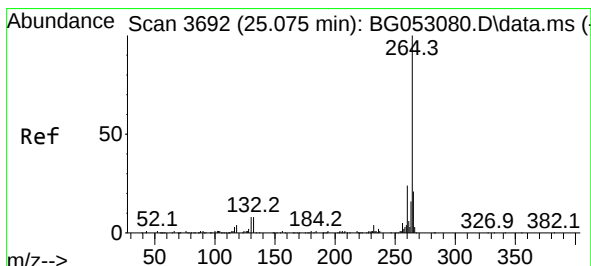
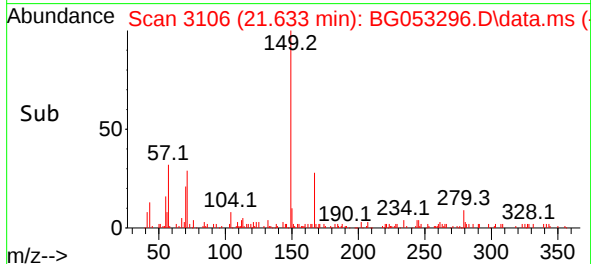
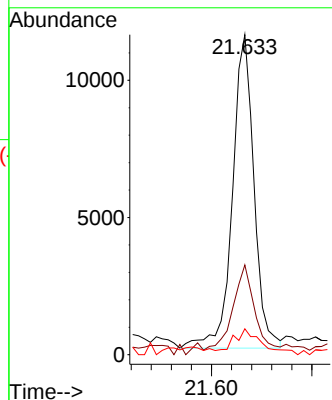
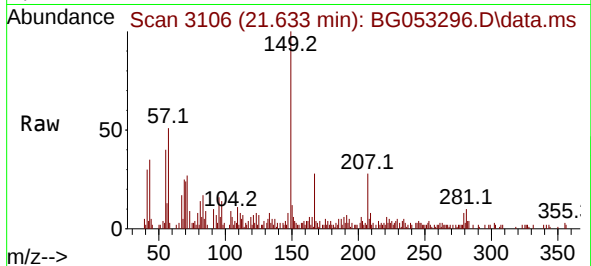




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.346 ng
RT: 21.633 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

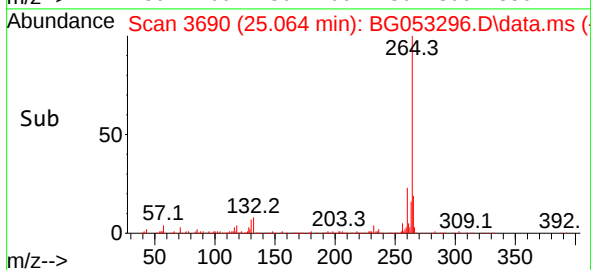
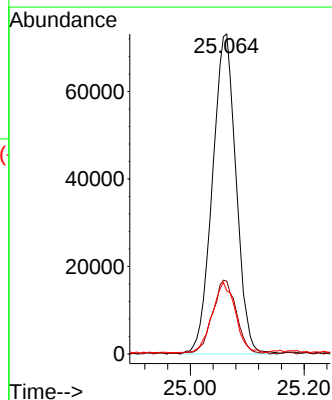
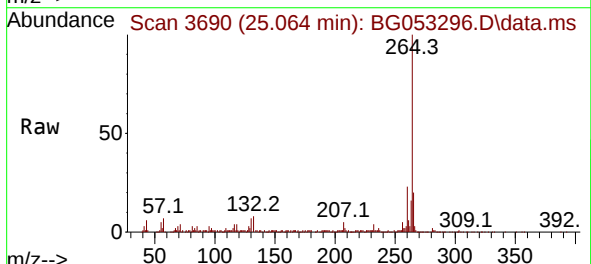
Instrument :
BNA_G
ClientSampleId :
HR-01-042122

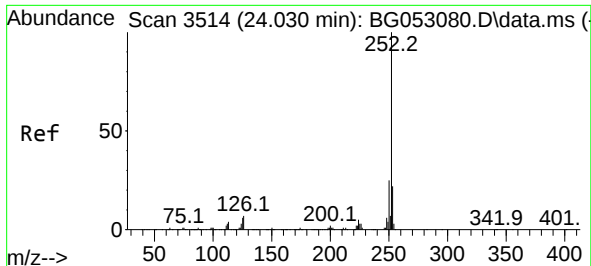
Tgt Ion:149 Resp: 17085
Ion Ratio Lower Upper
149 100
167 28.0 21.4 32.2
279 8.1 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.064 min Scan# 3690
Delta R.T. 0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

Tgt Ion:264 Resp: 211268
Ion Ratio Lower Upper
264 100
260 22.8 18.2 27.2
265 19.7 15.1 22.7

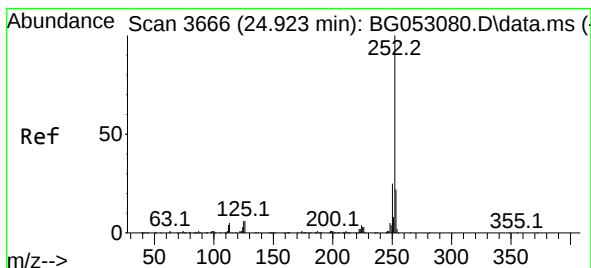
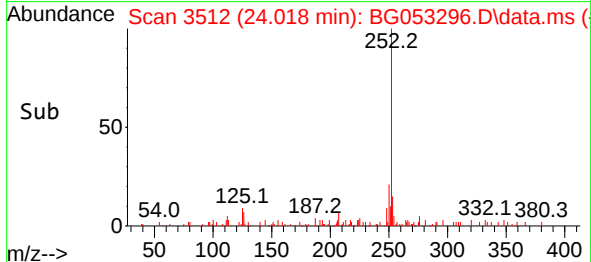
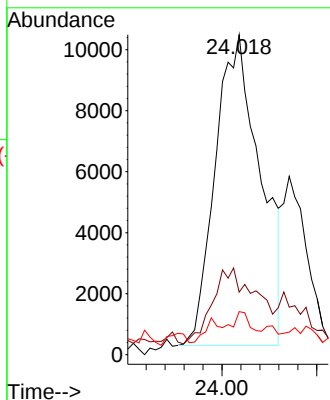
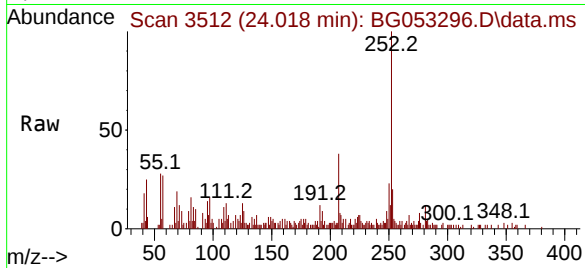




#88
Benzo(b)fluoranthene
Concen: 2.520 ng
RT: 24.018 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

Instrument :
BNA_G
ClientSampleId :
HR-01-042122

Tgt Ion:252 Resp: 33588
Ion Ratio Lower Upper
252 100
253 19.6 17.2 25.8
125 13.5 5.2 7.8#



#90
Benzo(a)pyrene
Concen: 2.148 ng
RT: 24.899 min Scan# 3662
Delta R.T. -0.015 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

Tgt Ion:252 Resp: 24392
Ion Ratio Lower Upper
252 100
253 26.6 18.4 27.6
125 12.3 5.6 8.4#

