

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)

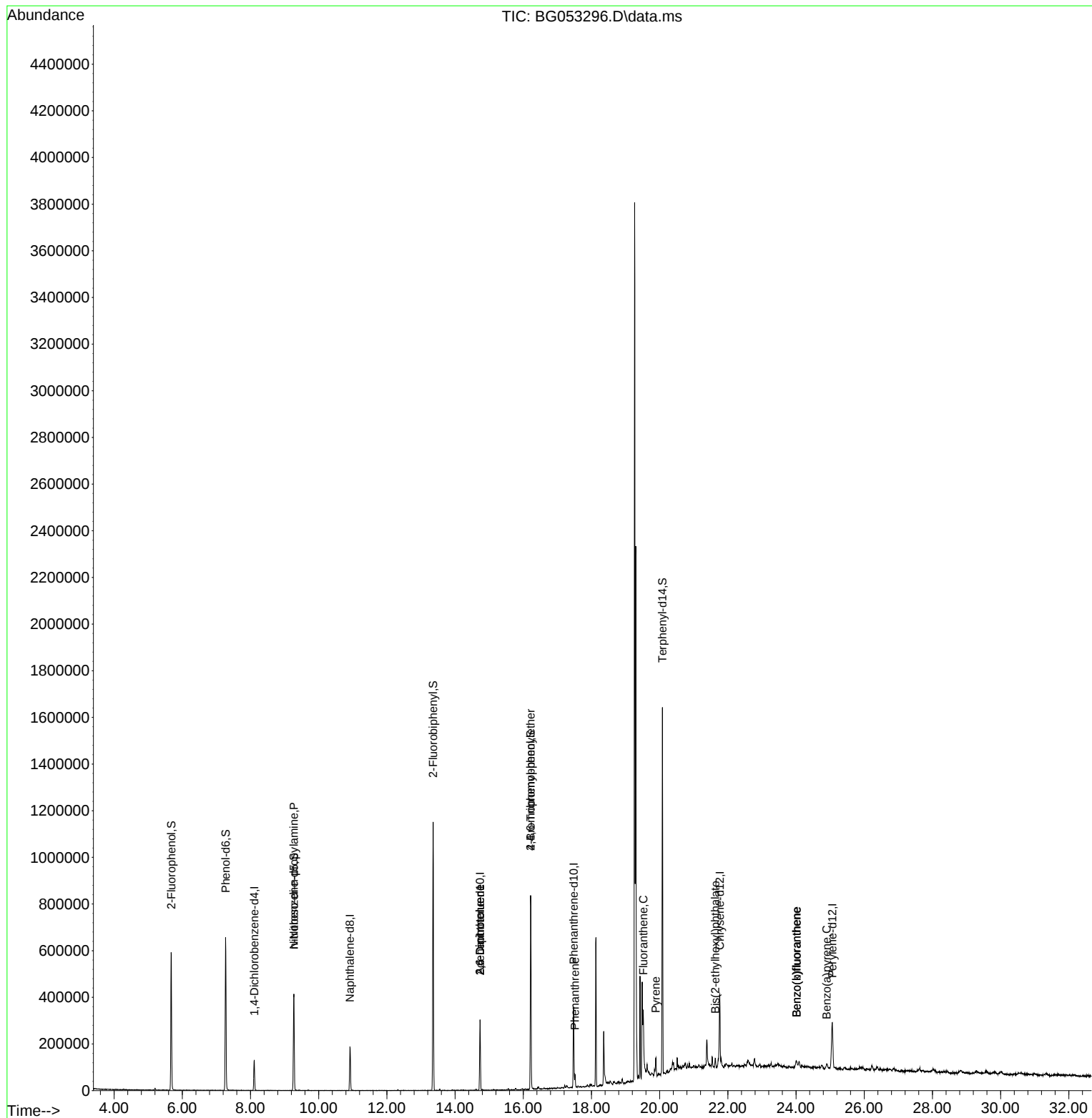
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	36284	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	156982	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	111179	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	227047	20.000	ng	0.00
76) Chrysene-d12	21.762	240	202886	20.000	ng	# 0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	9.273	70	38219	15.993	ng	# 79
51) 2,6-Dinitrotoluene	14.731	165	14942	8.054	ng	# 25
57) 2,4-Dinitrotoluene	14.731	165	14942	5.657	ng	# 24
67) 4-Bromophenyl-phenylether	16.217	248	11563	3.975	ng	# 1
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
89) Benzo(k)fluoranthene	24.018	252	33588	2.564	ng	# 92
90) Benzo(a)pyrene	24.899	252	24392	2.148	ng	# 91

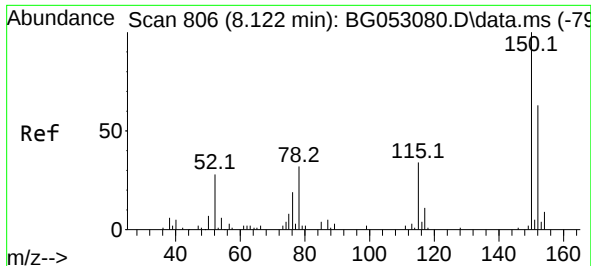
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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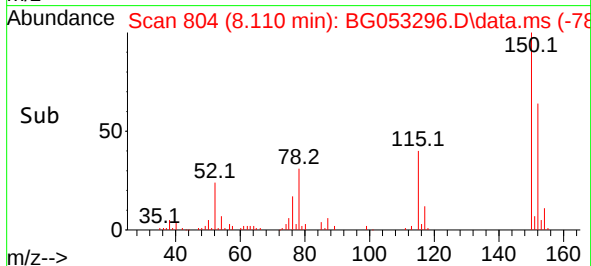
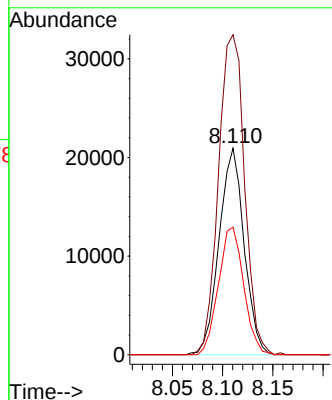
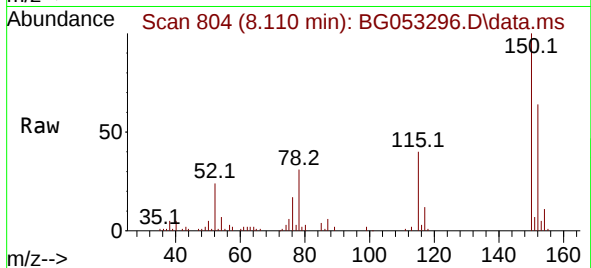




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

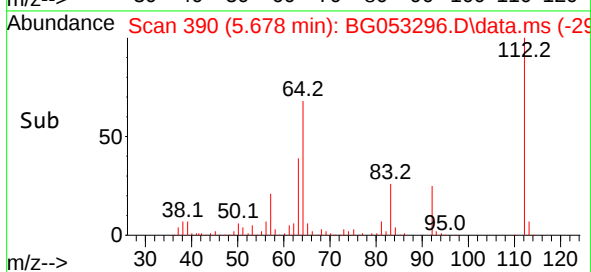
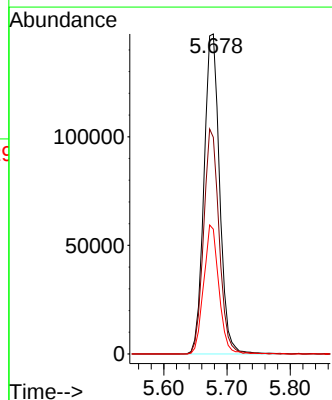
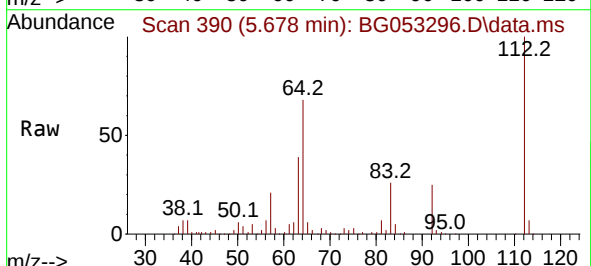
Instrument :
BNA_G
ClientSampleId :
HR-01-042122

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

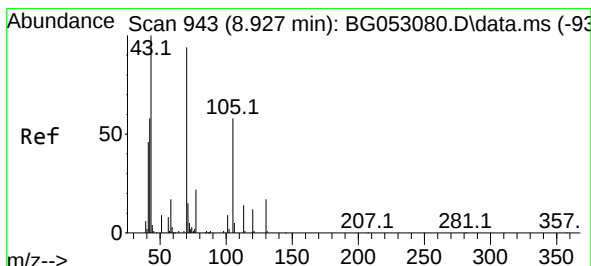
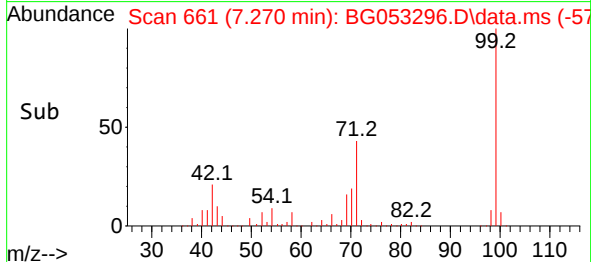
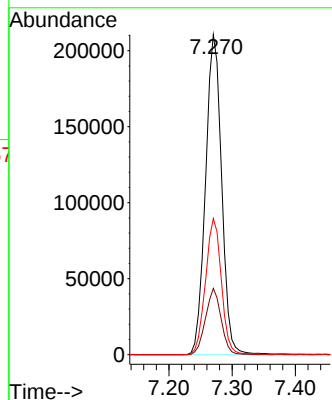
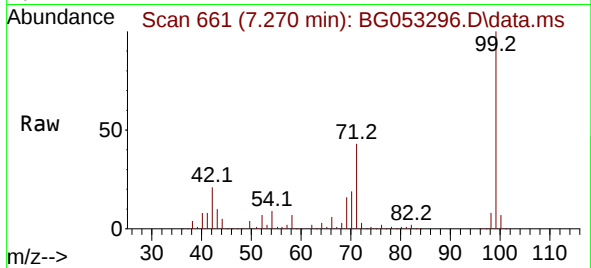




#7
Phenol-d6
Concen: 114.414 ng
RT: 7.270 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

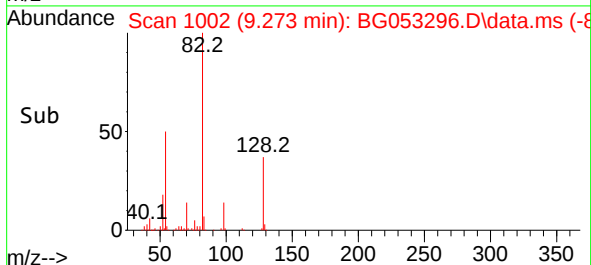
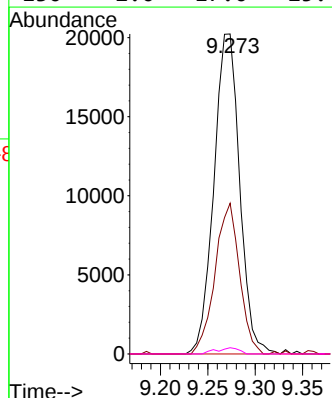
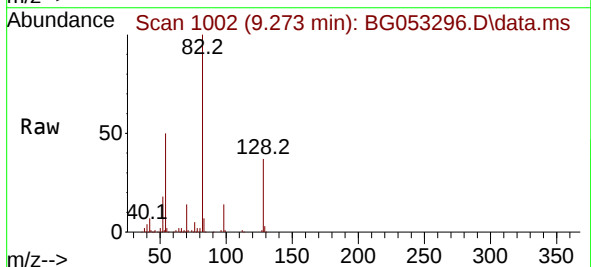
Instrument :
BNA_G
ClientSampleId :
HR-01-042122

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



#19
n-Nitroso-di-n-propylamine
Concen: 15.993 ng
RT: 9.273 min Scan# 1002
Delta R.T. 0.361 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

Tgt Ion: 70 Resp: 38219
Ion Ratio Lower Upper
70 100
42 47.1 46.0 69.0
101 0.0 6.2 9.4#
130 2.0 17.0 25.4#

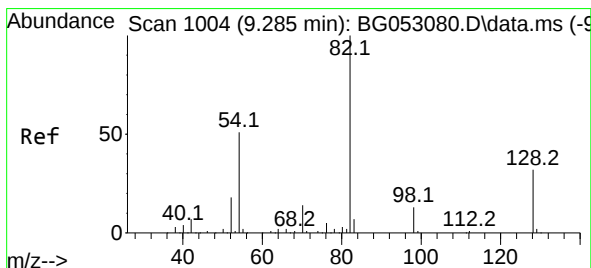
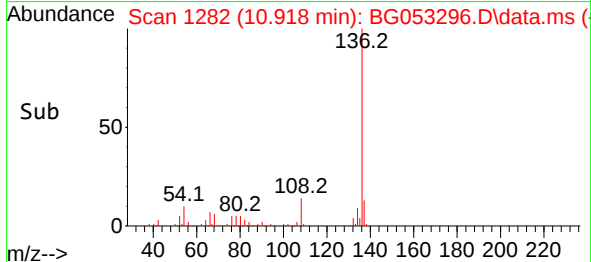
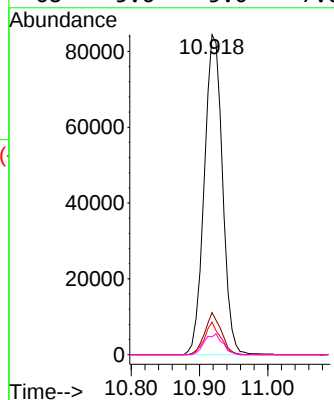
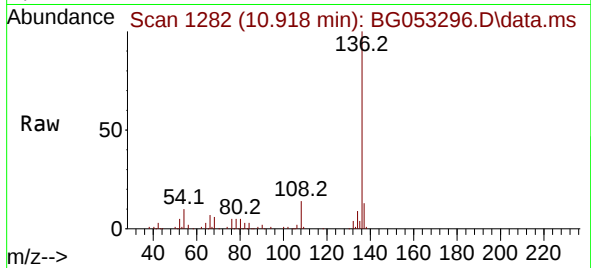




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

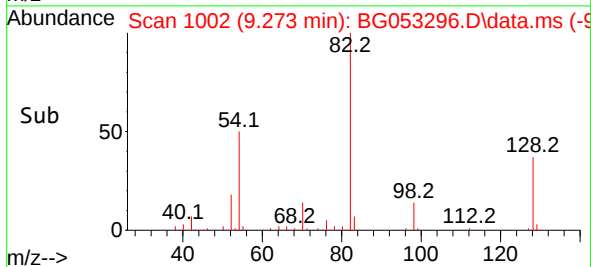
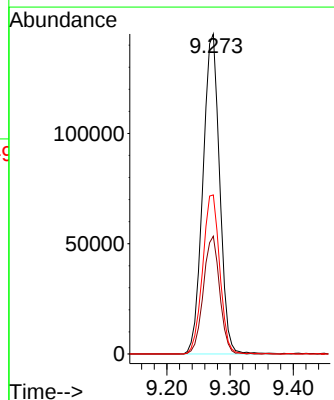
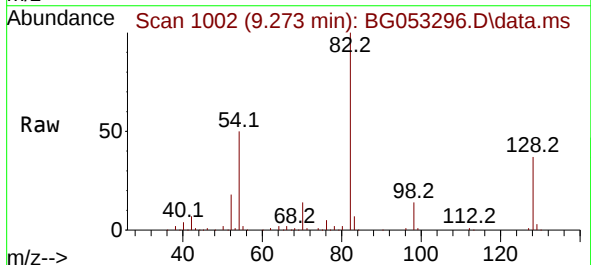
Instrument :
BNA_G
ClientSampleId :
HR-01-042122

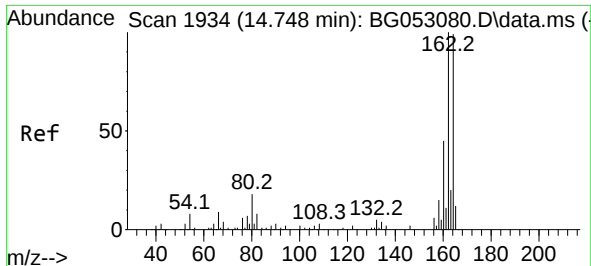
Tgt Ion:	136	Resp:	156982
Ion Ratio	Lower	Upper	
136	100		
137	13.1	9.4	14.2
54	10.2	6.4	9.6#
68	5.6	5.0	7.6



#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

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

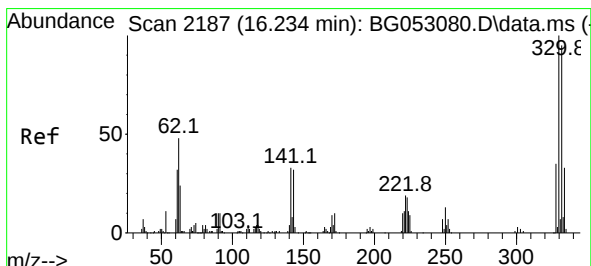
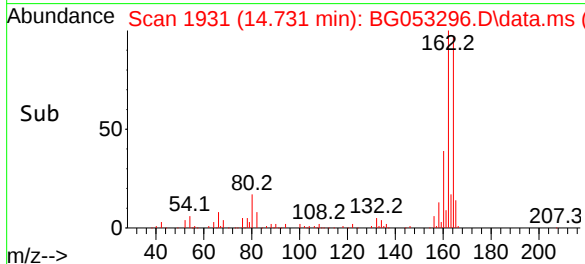
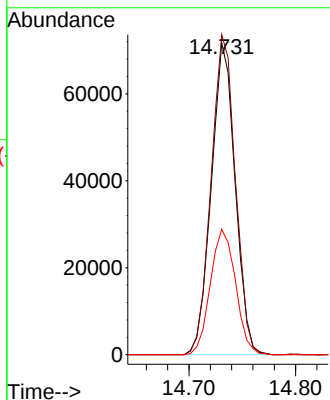
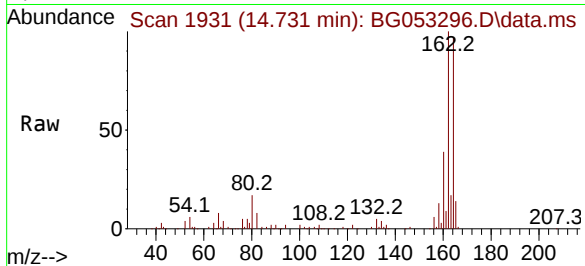




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

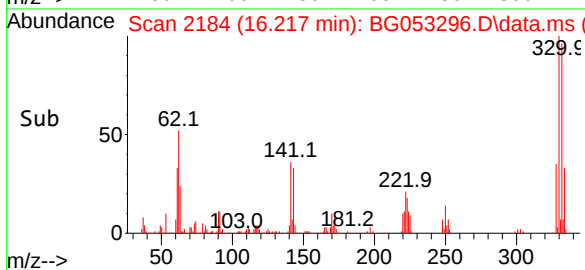
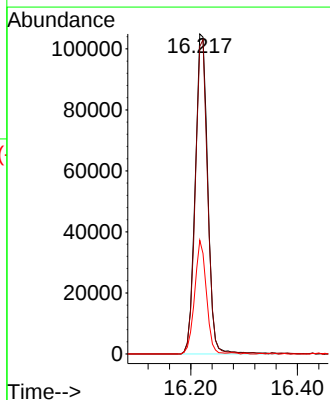
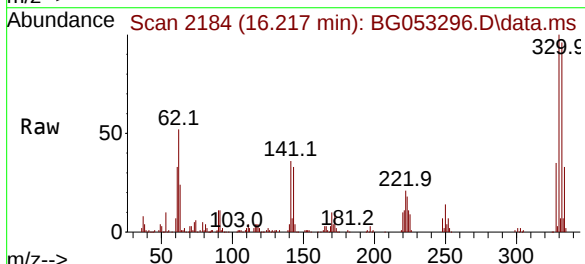
Instrument :
BNA_G
ClientSampleId :
HR-01-042122

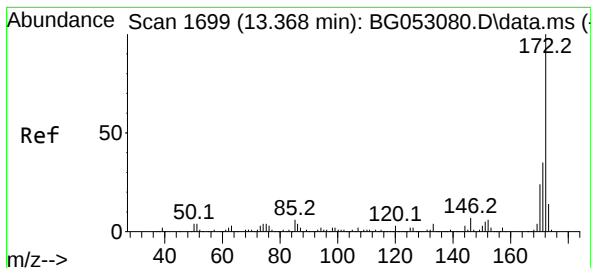
Tgt Ion:164 Resp: 111179
Ion Ratio Lower Upper
164 100
162 102.7 80.0 120.0
160 40.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 96.633 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

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

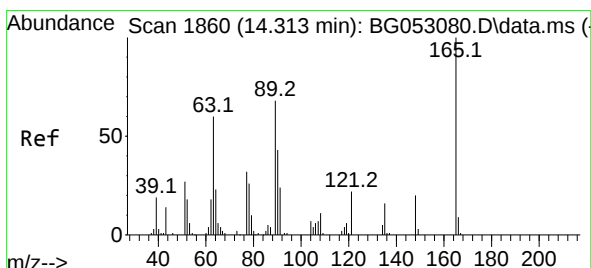
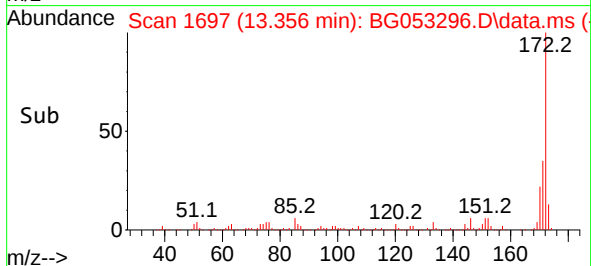
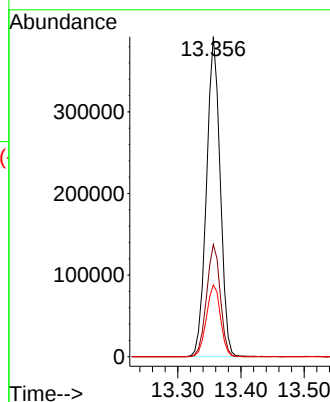
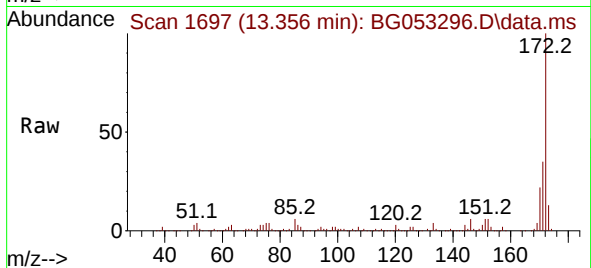




#45
2-Fluorobiphenyl
Concen: 73.116 ng
RT: 13.356 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

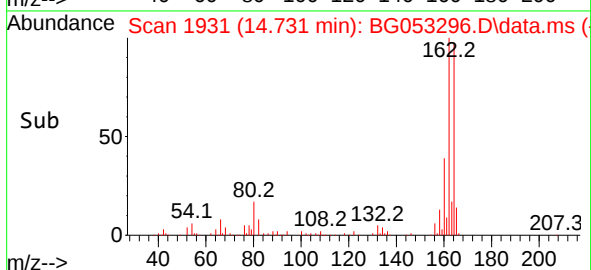
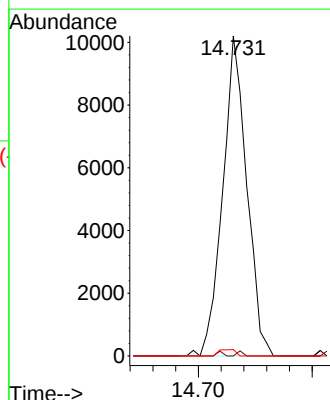
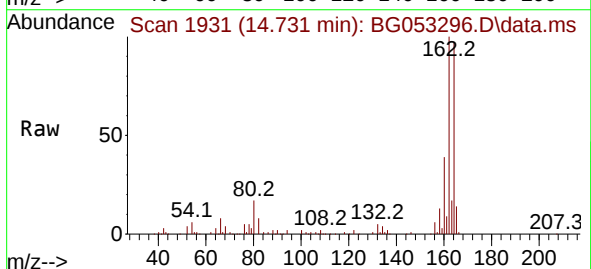
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ClientSampleId :
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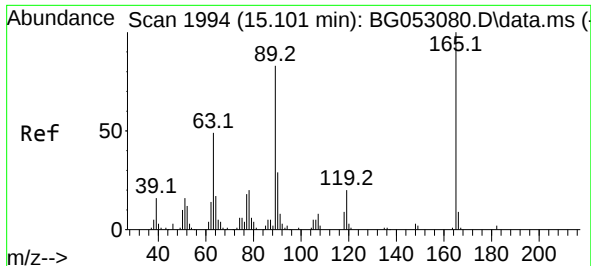
Tgt Ion:172 Resp: 589520
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.4 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.054 ng
RT: 14.731 min Scan# 1931
Delta R.T. 0.426 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

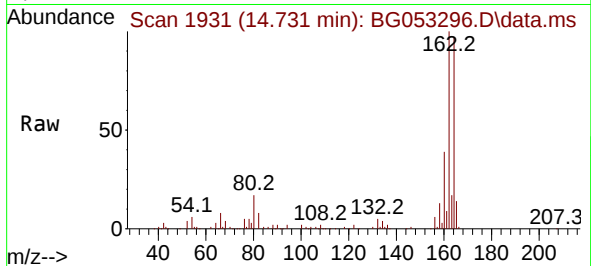
Tgt Ion:165 Resp: 14942
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.0 45.0 67.4#



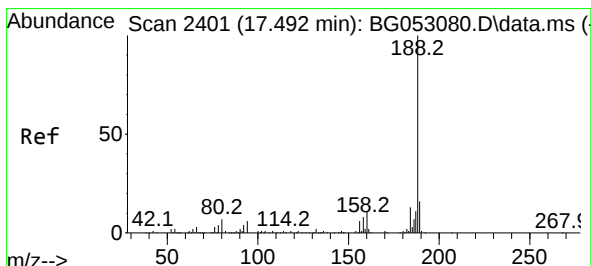
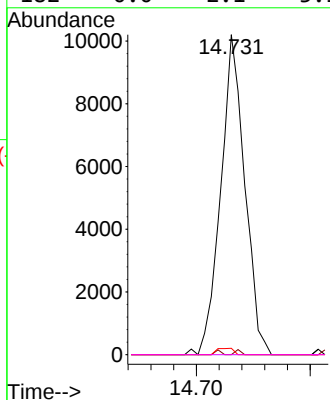
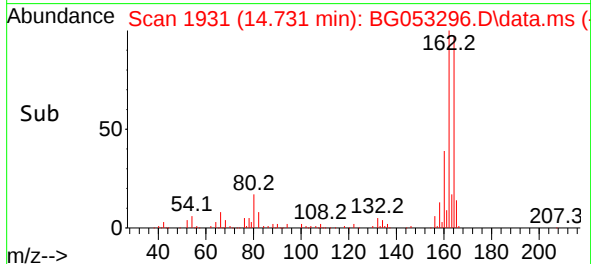


#57
2,4-Dinitrotoluene
Concen: 5.657 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.362 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

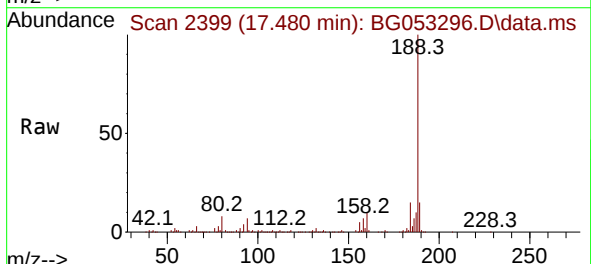
Instrument :
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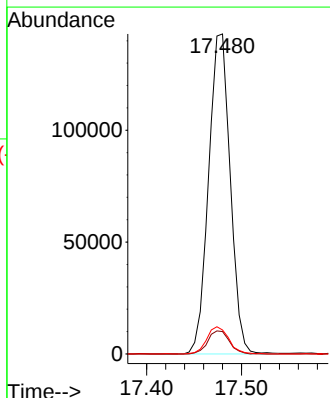
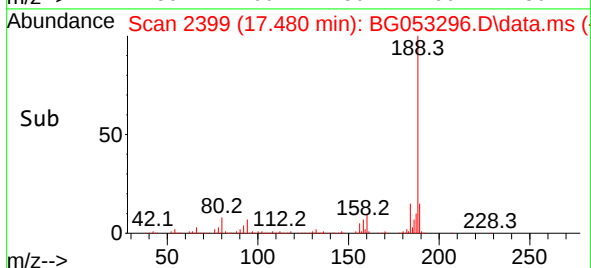
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Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.0 57.4 86.0#
182 0.0 2.1 3.1#

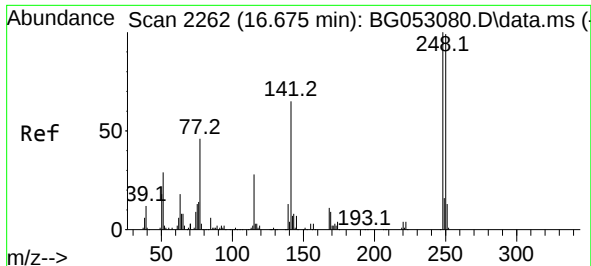


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00



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

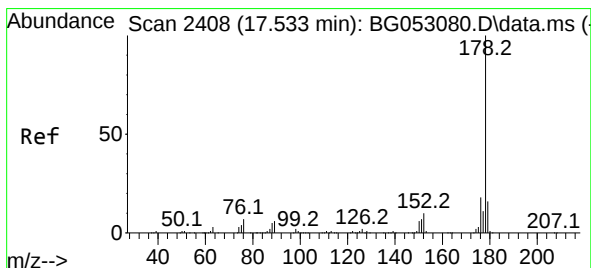
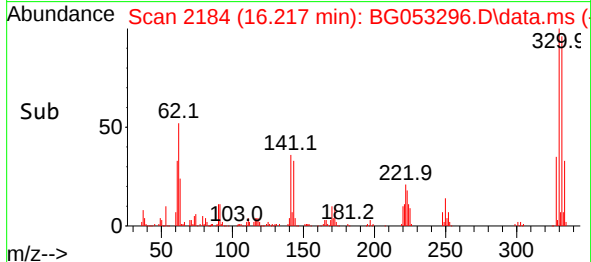
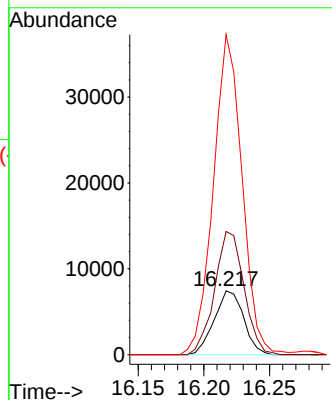
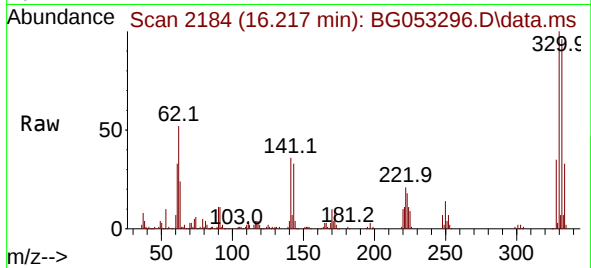




#67
4-Bromophenyl-phenylether
Concen: 3.975 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.444 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

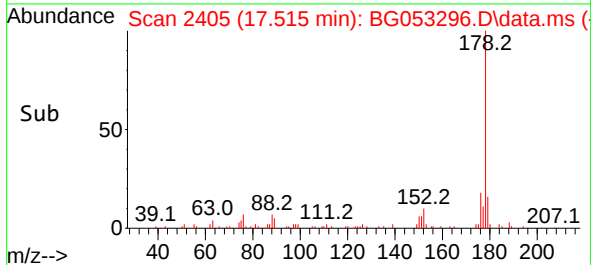
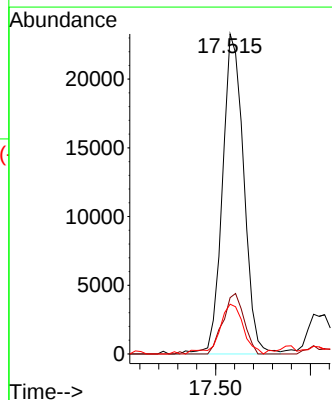
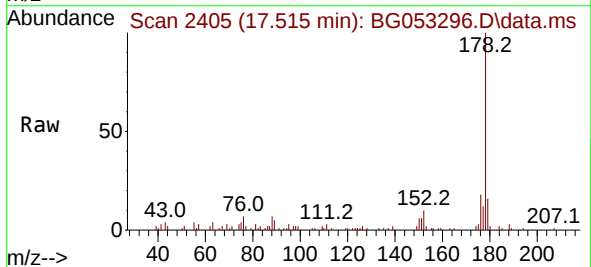
Instrument :
BNA_G
ClientSampleId :
HR-01-042122

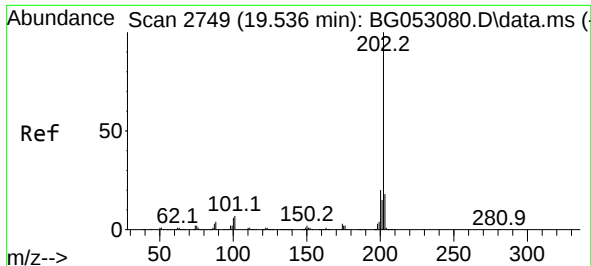
Tgt Ion:248 Resp: 11563
Ion Ratio Lower Upper
248 100
250 193.0 77.9 116.9#
141 500.9 49.2 73.8#



#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

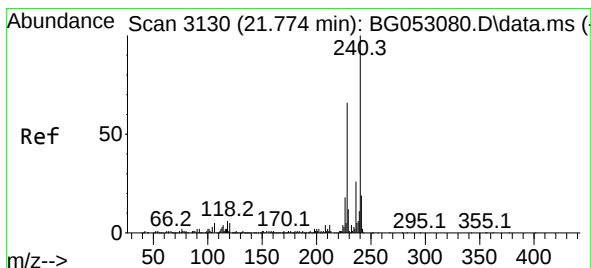
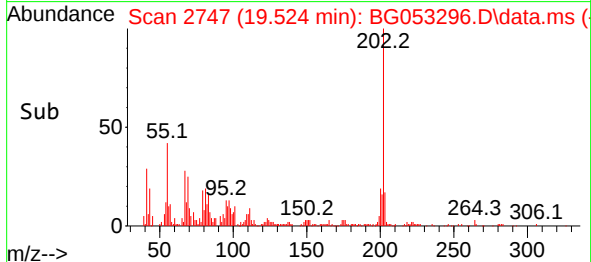
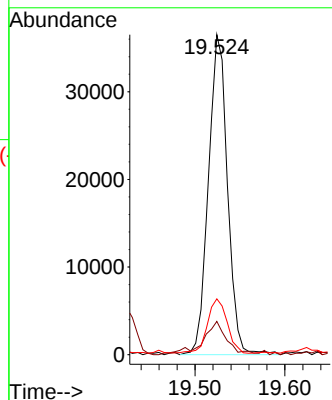
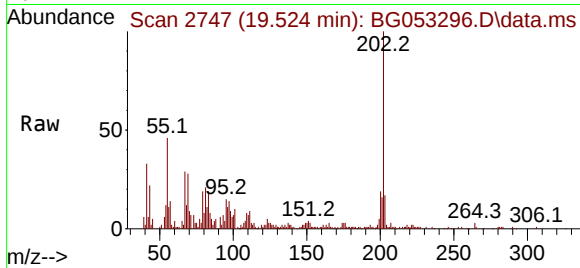




#75
Fluoranthene
Concen: 3.394 ng
RT: 19.524 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

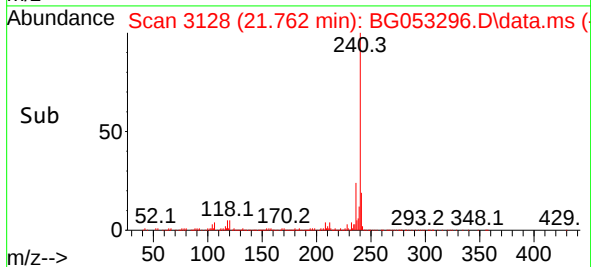
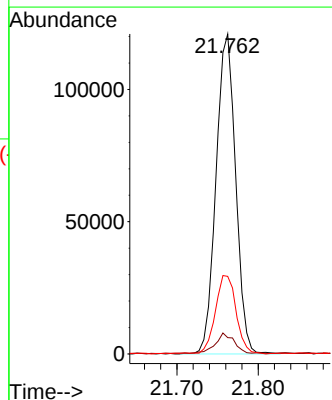
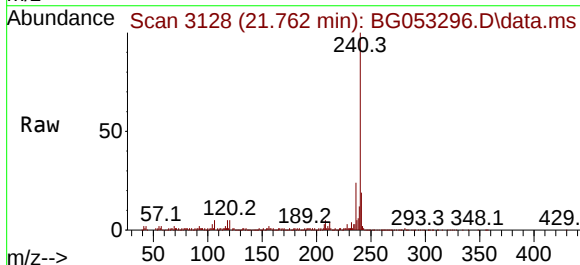
Instrument :
BNA_G
ClientSampleId :
HR-01-042122

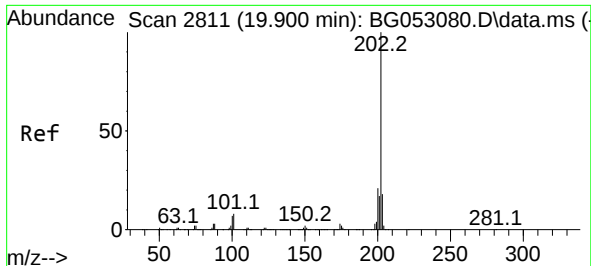
Tgt Ion:202 Resp: 53957
Ion Ratio Lower Upper
202 100
101 10.4 0.0 27.3
203 17.5 0.0 37.7



#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

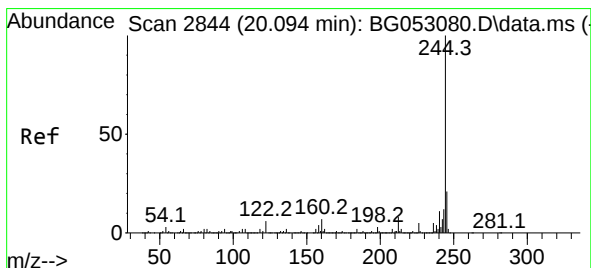
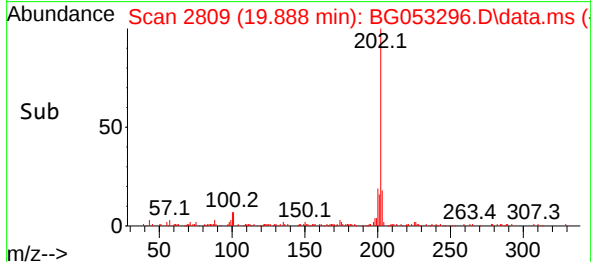
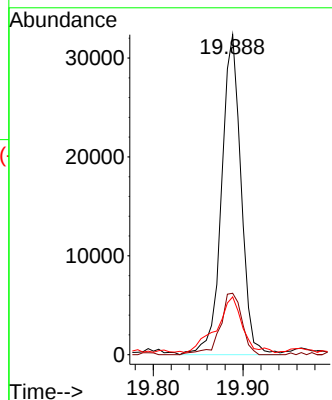
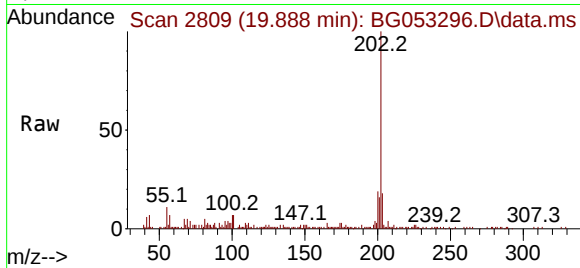




#78
Pyrene
Concen: 3.373 ng
RT: 19.888 min Scan# 2809
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

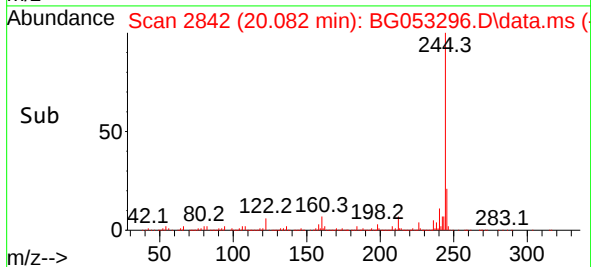
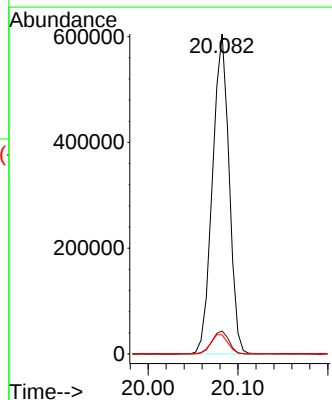
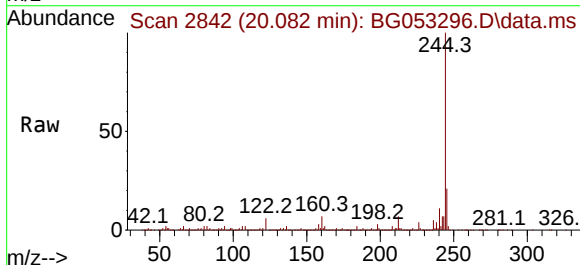
Instrument :
BNA_G
ClientSampleId :
HR-01-042122

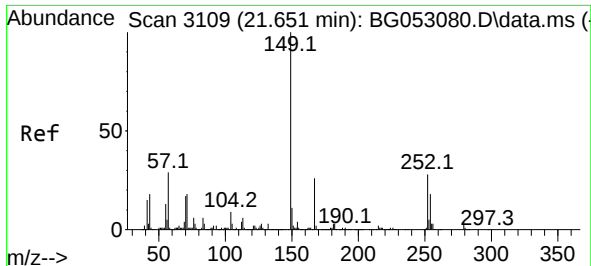
Tgt Ion:202 Resp: 48733
Ion Ratio Lower Upper
202 100
200 19.2 17.0 25.6
203 18.0 15.0 22.6



#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

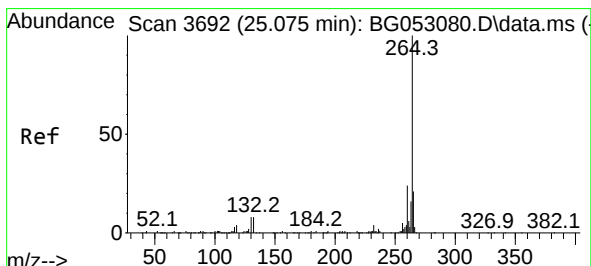
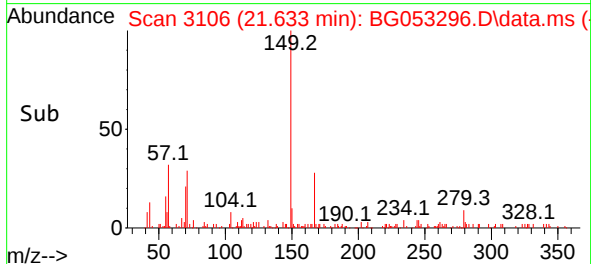
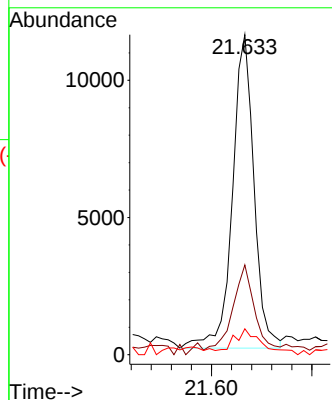
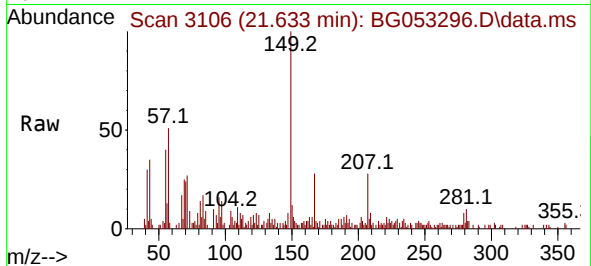




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.346 ng
RT: 21.633 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

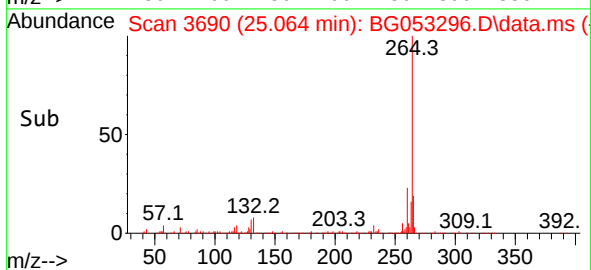
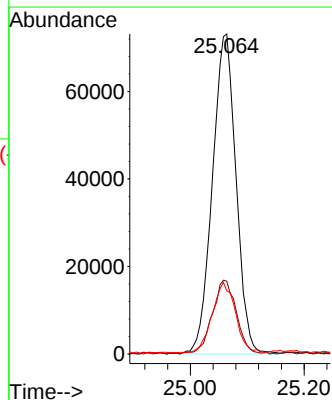
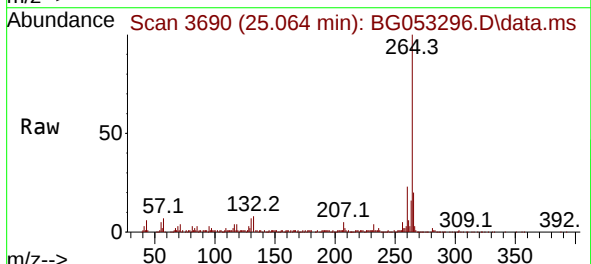
Instrument :
BNA_G
ClientSampleId :
HR-01-042122

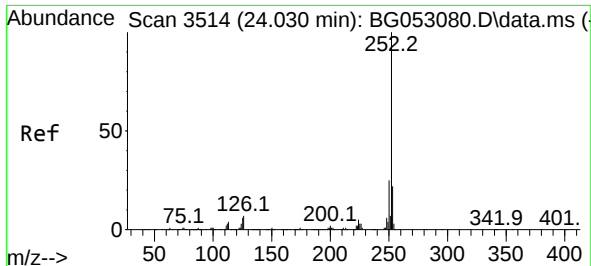
Tgt Ion:149 Resp: 17085
Ion Ratio Lower Upper
149 100
167 28.0 21.4 32.2
279 8.1 3.8 5.8#



#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

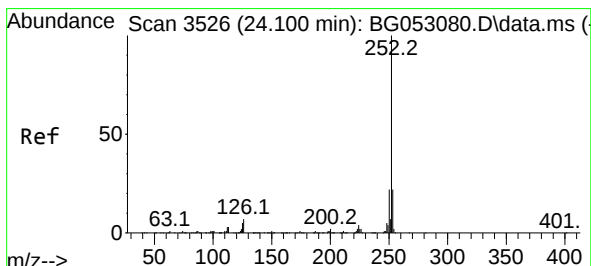
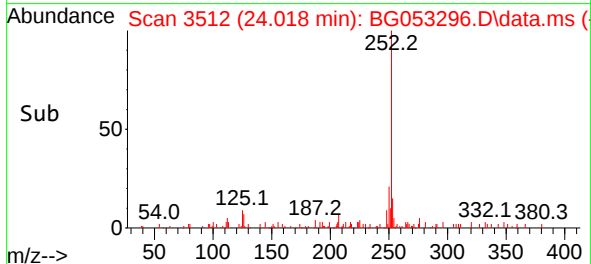
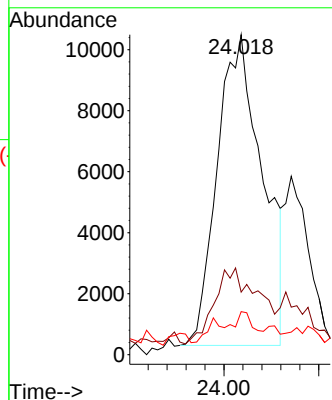
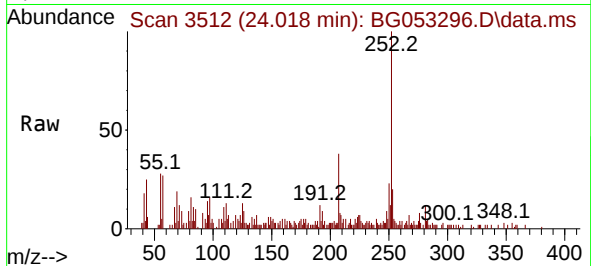




#88
Benzo(b)fluoranthene
Concen: 2.520 ng
RT: 24.018 min Scan# 3512
Delta R.T. -0.003 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

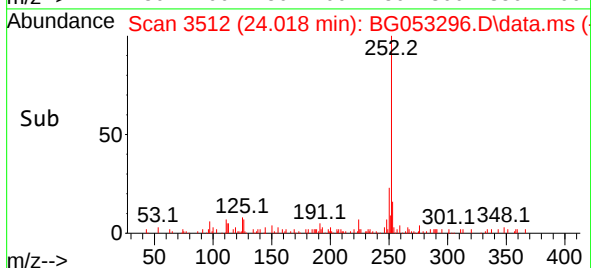
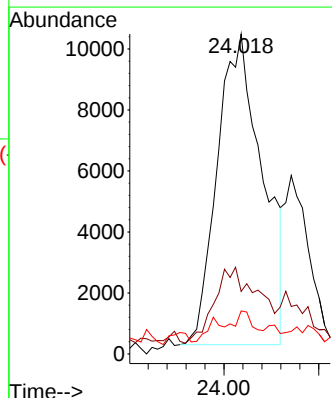
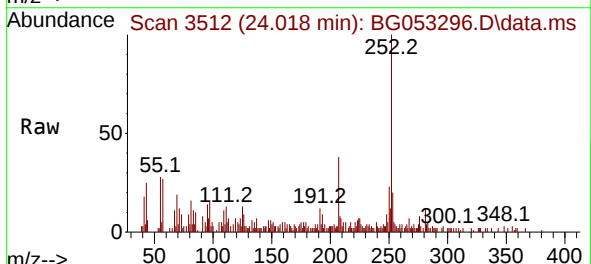
Instrument :
BNA_G
ClientSampleId :
HR-01-042122

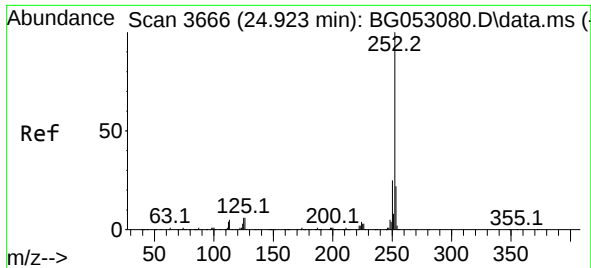
Tgt Ion:252 Resp: 33588
Ion Ratio Lower Upper
252 100
253 19.6 17.2 25.8
125 13.5 5.2 7.8#



#89
Benzo(k)fluoranthene
Concen: 2.564 ng
RT: 24.018 min Scan# 3512
Delta R.T. -0.068 min
Lab File: BG053296.D
Acq: 23 Apr 2022 17:00

Tgt Ion:252 Resp: 33588
Ion Ratio Lower Upper
252 100
253 19.6 17.4 26.0
125 13.5 5.0 7.4#





#90

Benzo(a)pyrene

Concen: 2.148 ng

RT: 24.899 min Scan# 30

Delta R.T. -0.015 min

Lab File: BG053296.D

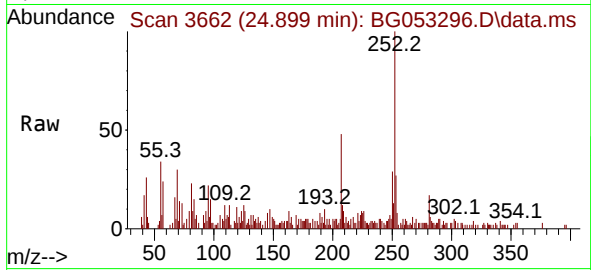
Acq: 23 Apr 2022 17:00

Instrument :

BNA_G

ClientSampleId :

HR-01-042122



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#

