

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053249.D
 Acq On : 21 Apr 2022 20:07
 Operator : CG/JU
 Sample : N2480-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16-1A-1

Quant Time: Apr 22 02:57:44 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)

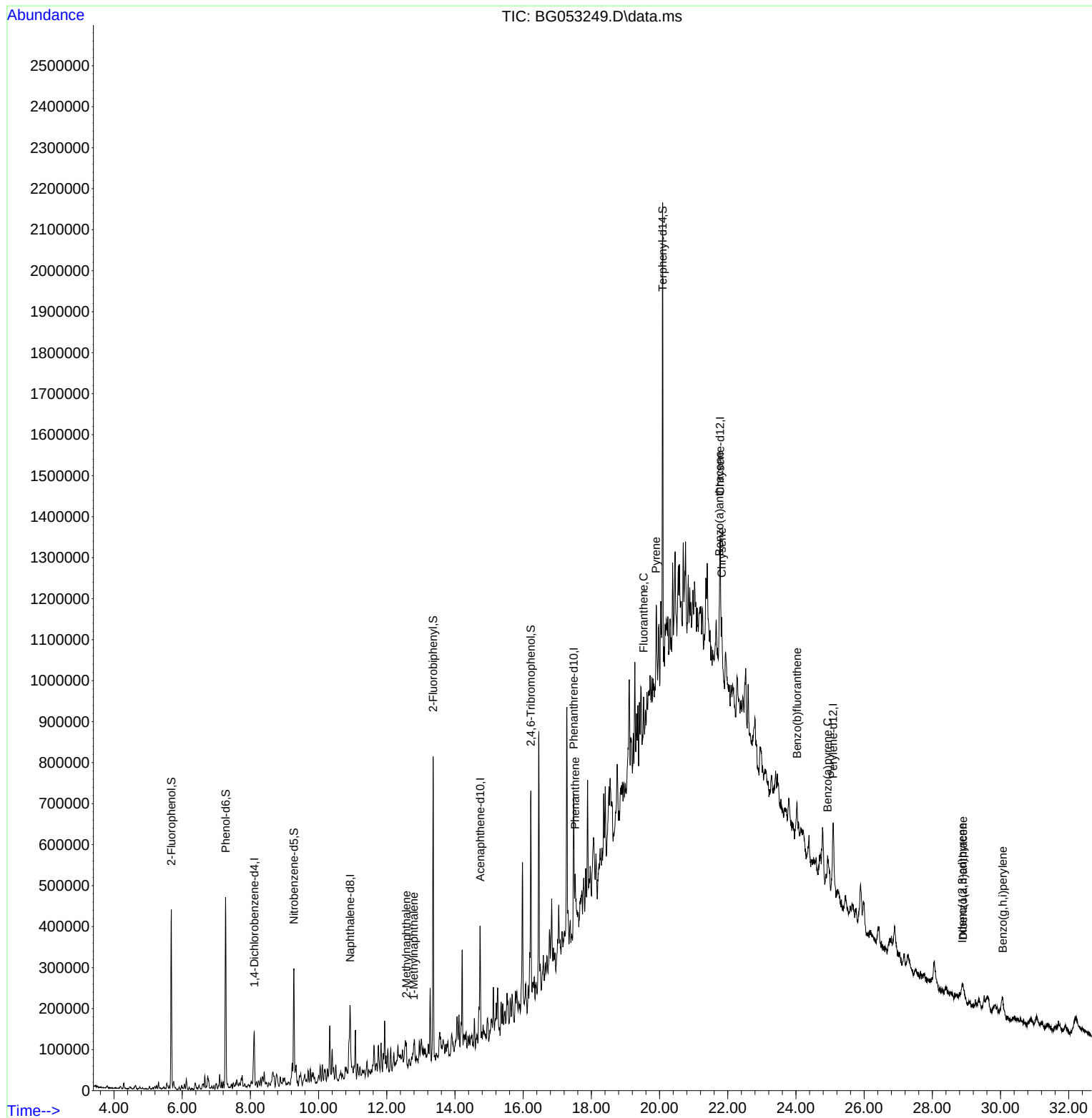
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	37232	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	138558	20.000	ng	0.00
39) Acenaphthene-d10	14.739	164	92709	20.000	ng	0.00
64) Phenanthrene-d10	17.483	188	183919	20.000	ng	0.00
76) Chrysene-d12	21.777	240	178563	20.000	ng	0.00
86) Perylene-d12	25.090	264	188343	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	174986	80.565	ng	0.00
7) Phenol-d6	7.273	99	249239	74.412	ng	0.00
23) Nitrobenzene-d5	9.276	82	185388	54.327	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	104247	70.678	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	383789	57.083	ng	0.00
79) Terphenyl-d14	20.091	244	566440	53.576	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.572	142	23246	4.250	ng	# 91
38) 1-Methylnaphthalene	12.789	142	17716	3.318	ng	# 90
71) Phenanthrene	17.524	178	68244	6.793	ng	96
75) Fluoranthene	19.533	202	52177	4.052	ng	87
78) Pyrene	19.897	202	106558	8.379	ng	# 93
81) Benzo(a)anthracene	21.753	228	87207	7.143	ng	# 79
83) Chrysene	21.824	228	124812	11.015	ng	# 85
87) Indeno(1,2,3-cd)pyrene	28.879	276	55764	3.985	ng	# 63
88) Benzo(b)fluoranthene	24.033	252	66638	5.608	ng	# 71
90) Benzo(a)pyrene	24.932	252	87201	8.614	ng	# 87
91) Dibenzo(a,h)anthracene	28.903	278	53988	4.688	ng	# 79
92) Benzo(g,h,i)perylene	30.066	276	98480	8.676	ng	94

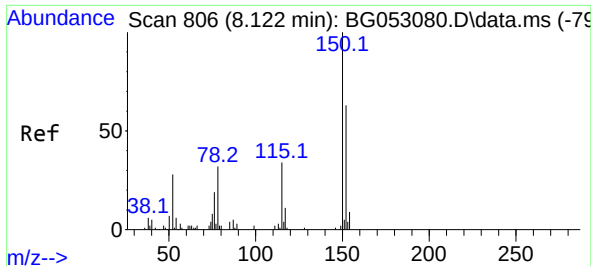
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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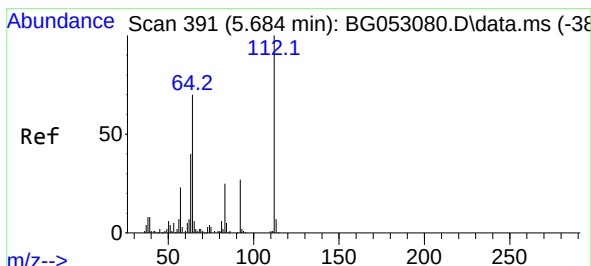
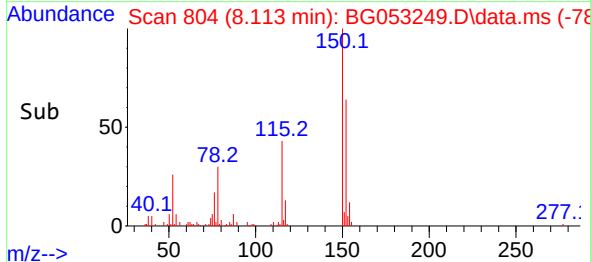
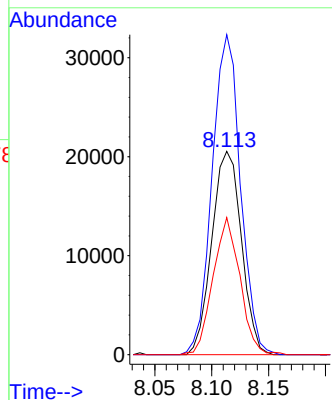
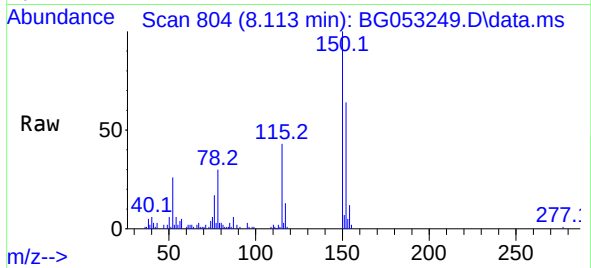




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

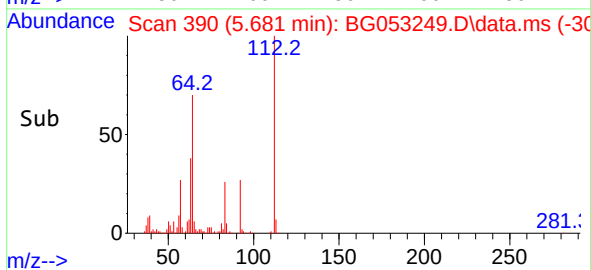
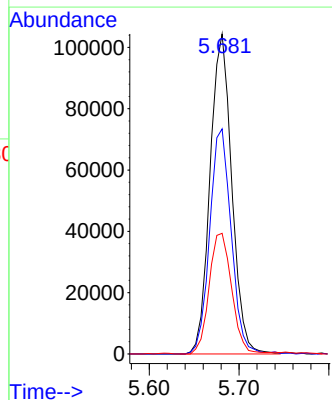
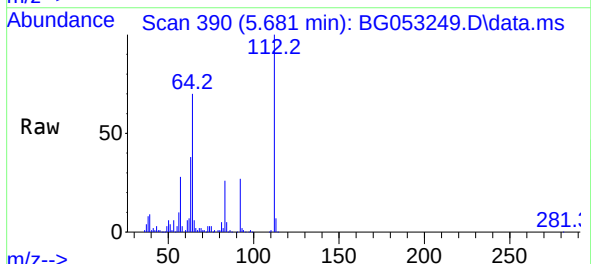
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

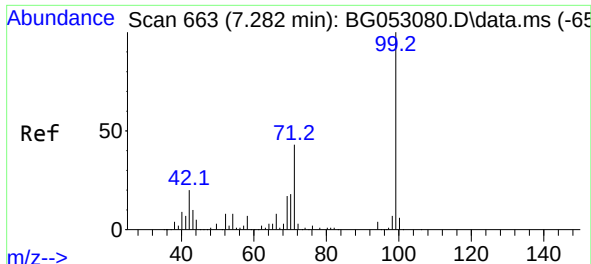
Tgt Ion:152 Resp: 37232
Ion Ratio Lower Upper
152 100
150 157.4 114.6 172.0
115 67.5 45.9 68.9



#5
2-Fluorophenol
Concen: 80.565 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:112 Resp: 174986
Ion Ratio Lower Upper
112 100
64 70.4 48.0 72.0
63 37.7 26.5 39.7

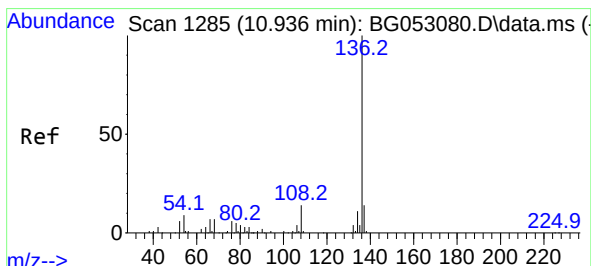
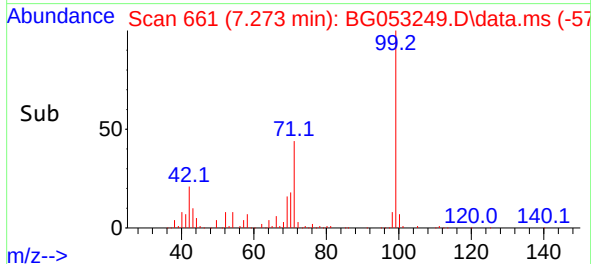
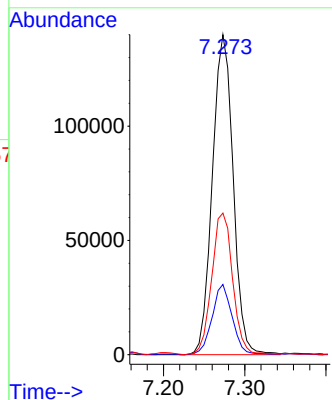
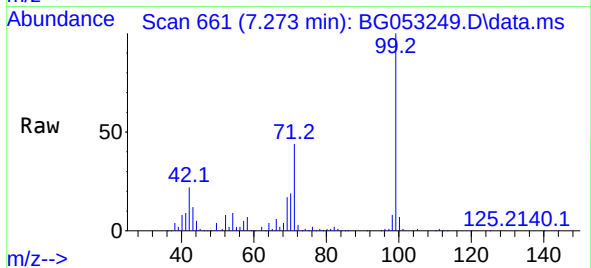




#7
Phenol-d6
Concen: 74.412 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

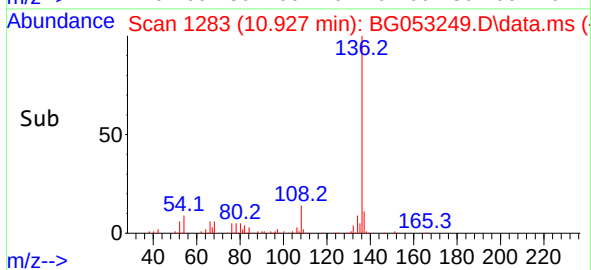
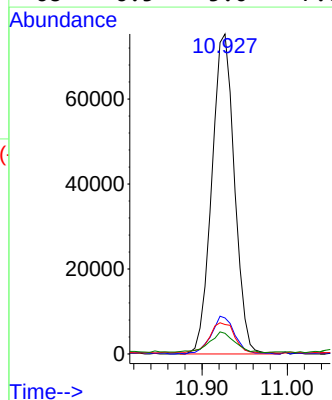
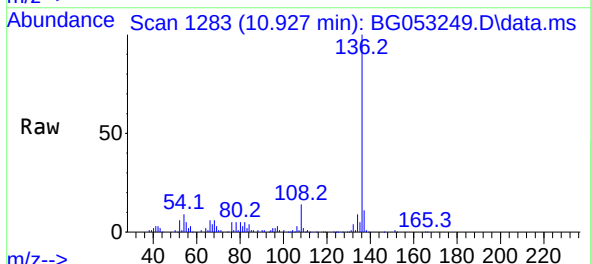
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

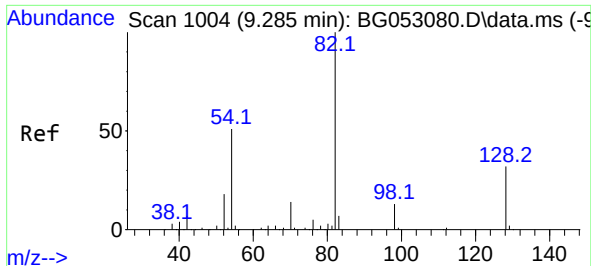
Tgt Ion: 99 Resp: 249239
Ion Ratio Lower Upper
99 100
42 22.0 14.7 22.1
71 44.2 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 1283
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 136 Resp: 138558
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 9.2 6.4 9.6
68 6.5 5.0 7.6

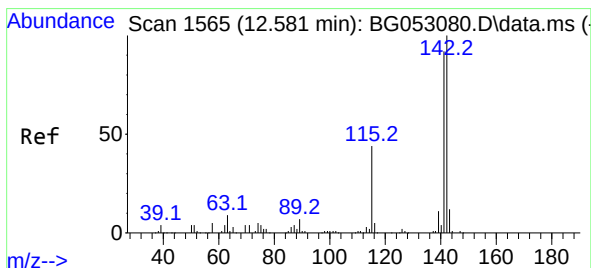
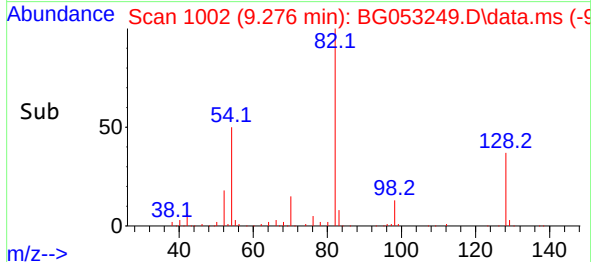
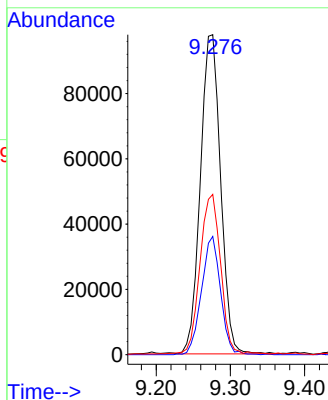
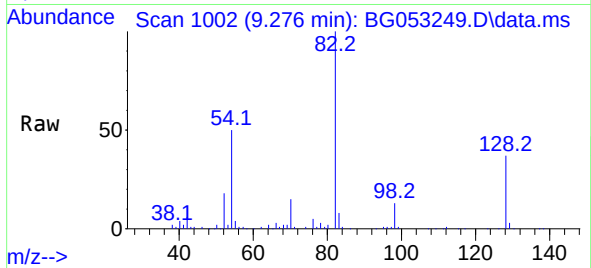




#23
Nitrobenzene-d5
Concen: 54.327 ng
RT: 9.276 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

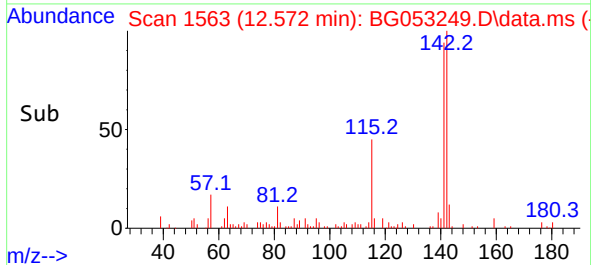
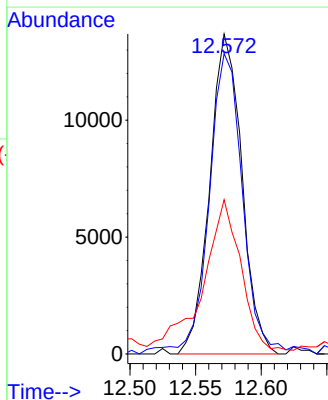
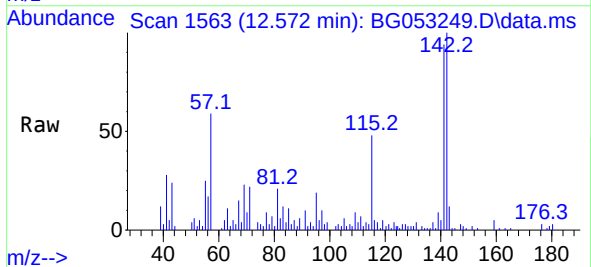
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

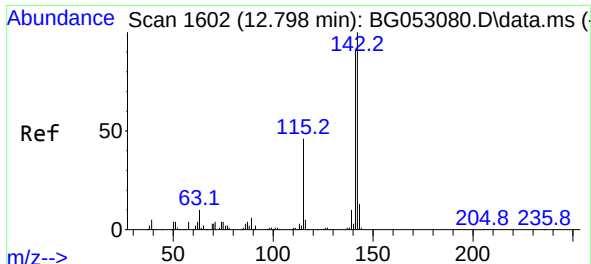
Tgt Ion: 82 Resp: 185388
Ion Ratio Lower Upper
82 100
128 37.0 31.3 46.9
54 50.1 37.8 56.8



#37
2-Methylnaphthalene
Concen: 4.250 ng
RT: 12.572 min Scan# 1563
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion: 142 Resp: 23246
Ion Ratio Lower Upper
142 100
141 93.8 71.3 106.9
115 48.2 29.5 44.3#

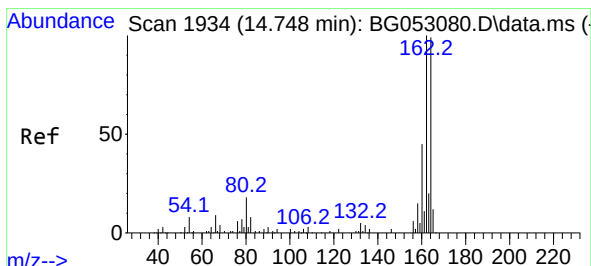
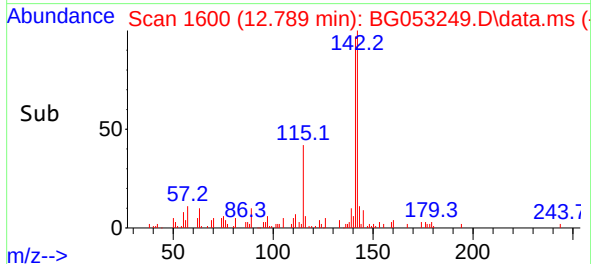
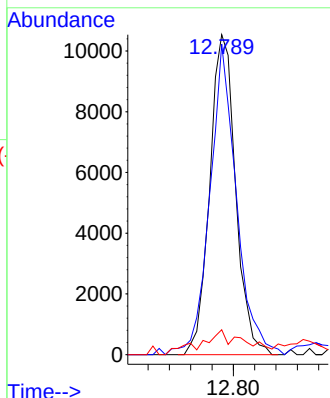
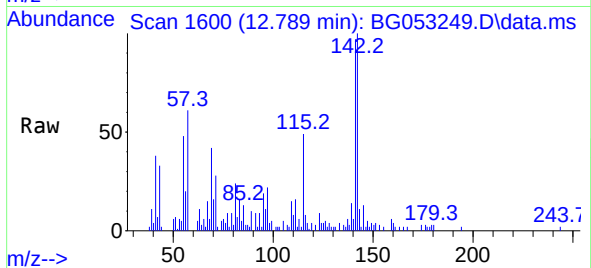




#38
1-Methylnaphthalene
Concen: 3.318 ng
RT: 12.789 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

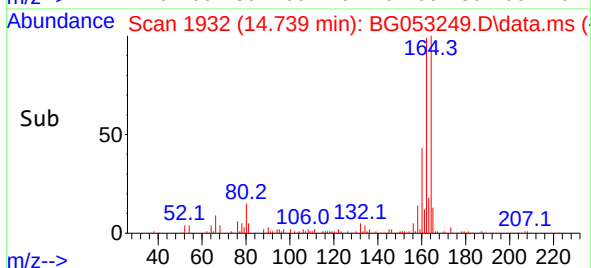
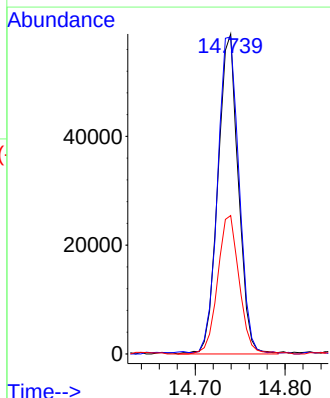
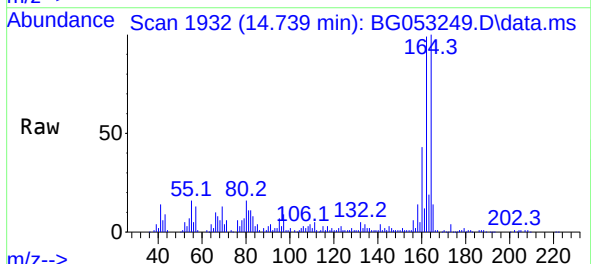
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

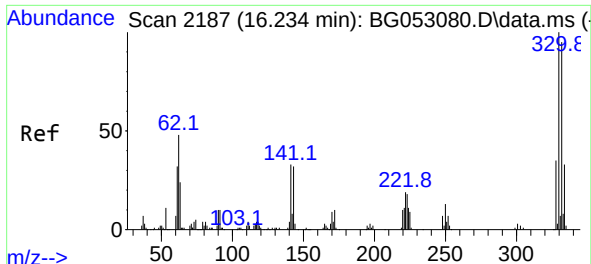
Tgt Ion:142 Resp: 17716
Ion Ratio Lower Upper
142 100
141 97.0 70.5 105.7
116 7.8 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.739 min Scan# 1932
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:164 Resp: 92709
Ion Ratio Lower Upper
164 100
162 99.1 80.0 120.0
160 43.2 38.8 58.2

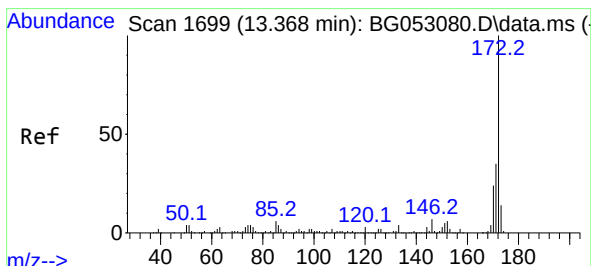
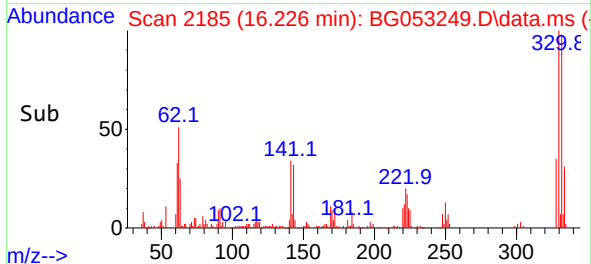
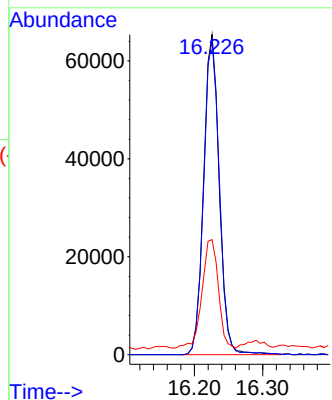
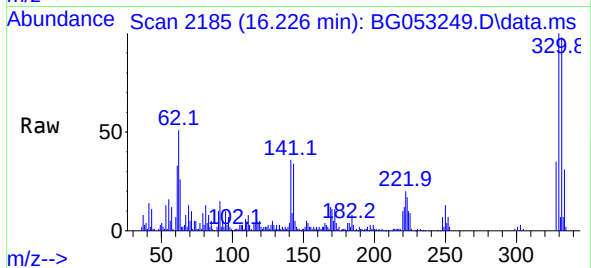




#42
2,4,6-Tribromophenol
Concen: 70.678 ng
RT: 16.226 min Scan# 2185
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

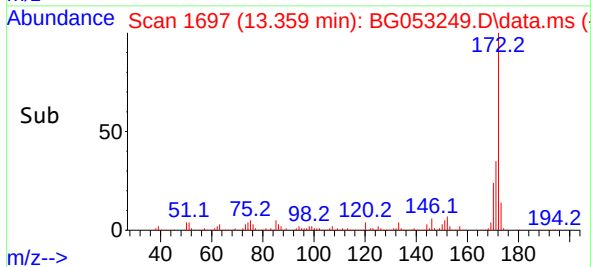
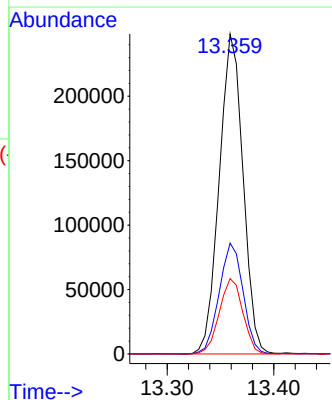
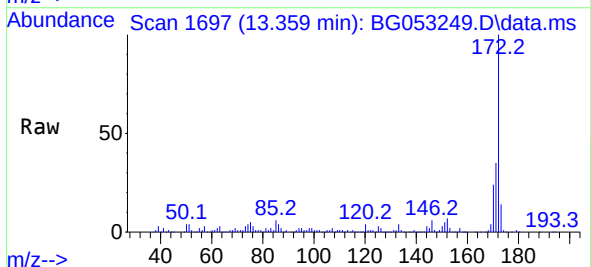
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

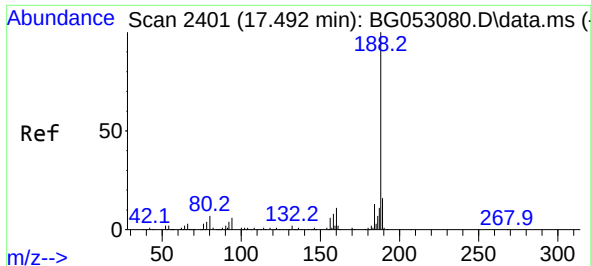
Tgt Ion:330 Resp: 104247
Ion Ratio Lower Upper
330 100
332 99.0 75.8 113.6
141 35.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 57.083 ng
RT: 13.359 min Scan# 1697
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:172 Resp: 383789
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.5 18.0 27.0

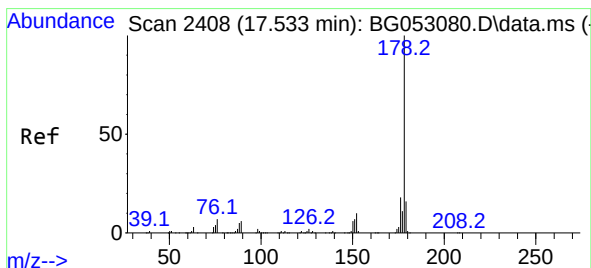
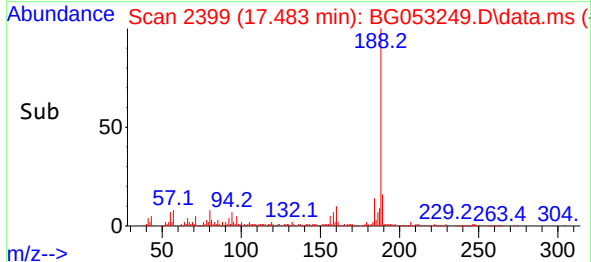
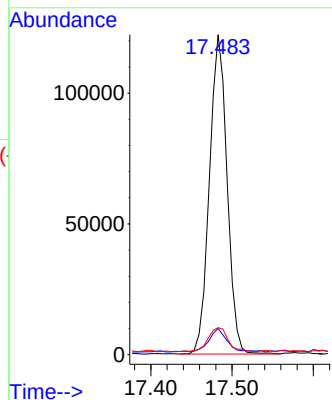
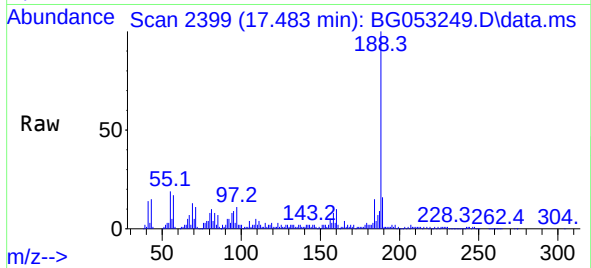




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.483 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

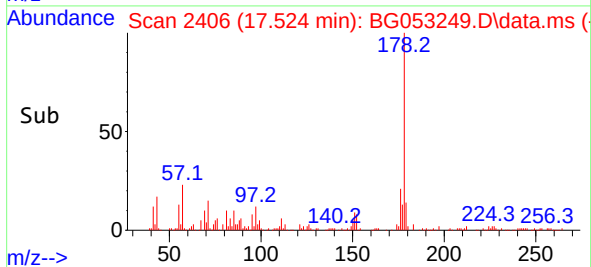
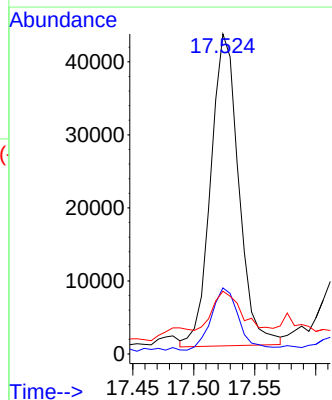
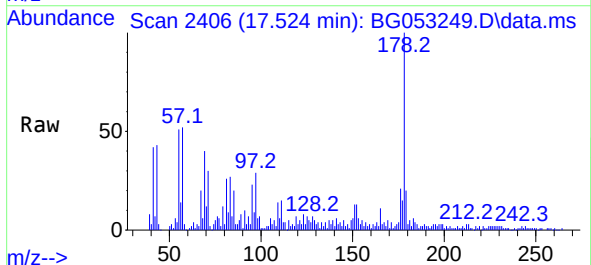
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WC-16-1A-1

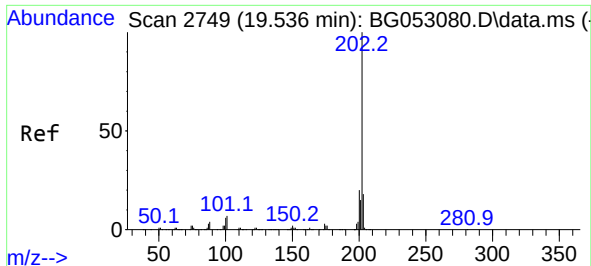
Tgt Ion:188 Resp: 183919
Ion Ratio Lower Upper
188 100
94 8.2 5.7 8.5
80 8.4 7.2 10.8



#71
Phenanthrene
Concen: 6.793 ng
RT: 17.524 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:178 Resp: 68244
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 19.6 13.4 20.2

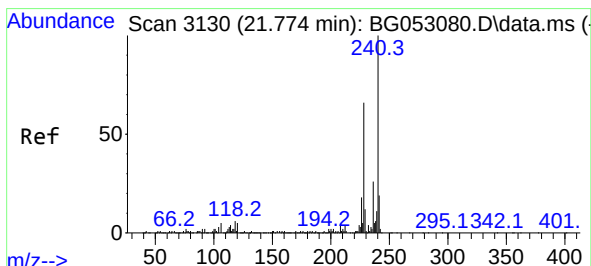
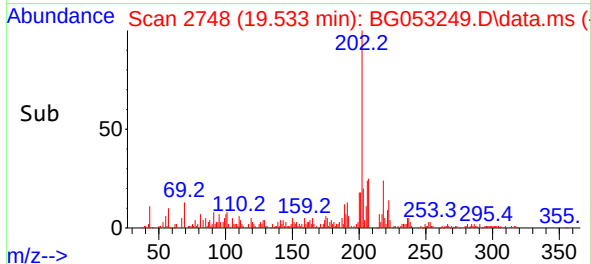
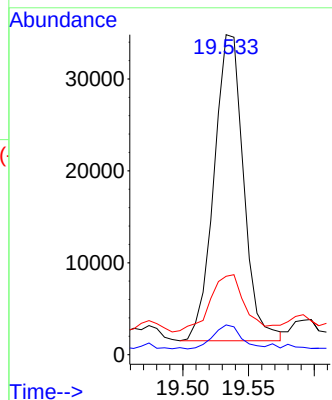
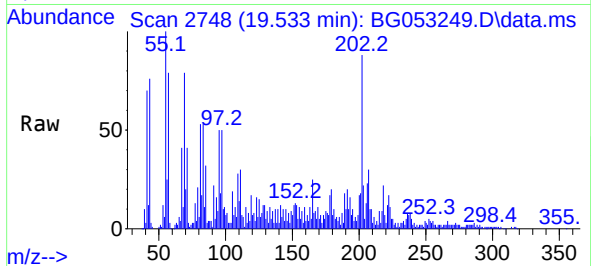




#75
Fluoranthene
Concen: 4.052 ng
RT: 19.533 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

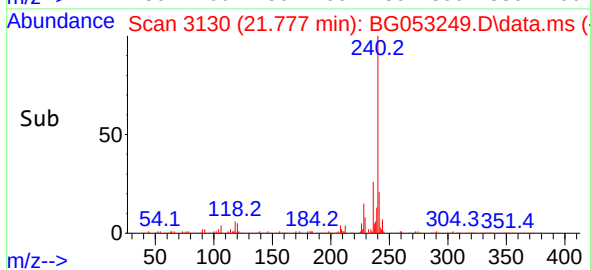
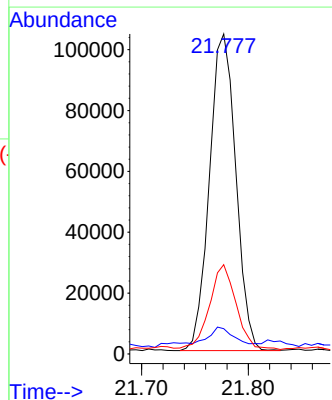
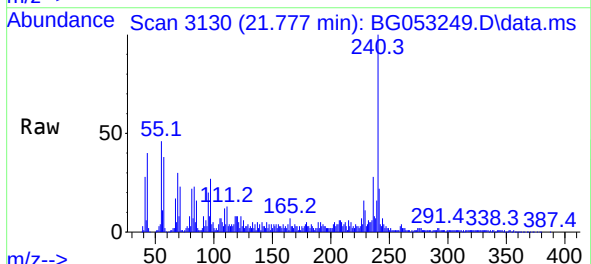
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

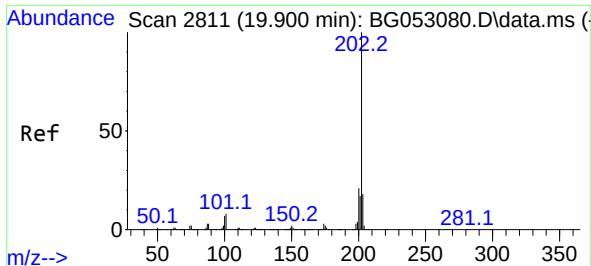
Tgt Ion:	202	Resp:	52177
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	27.3
203	24.5	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3130
Delta R.T. 0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:	240	Resp:	178563
Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.4	8.0
236	27.9	19.8	29.6

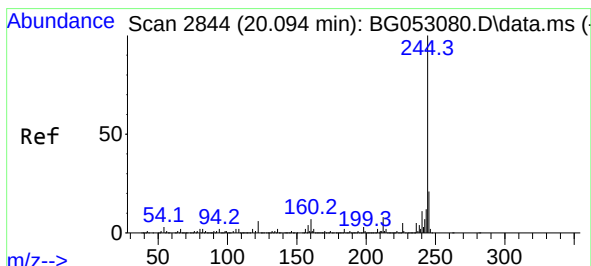
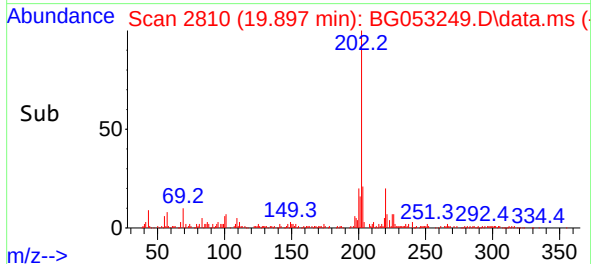
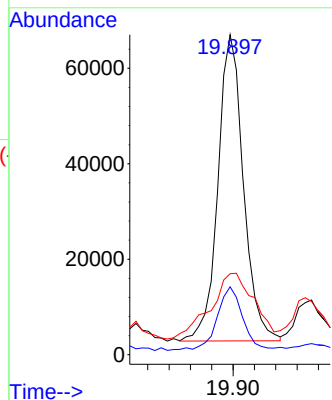
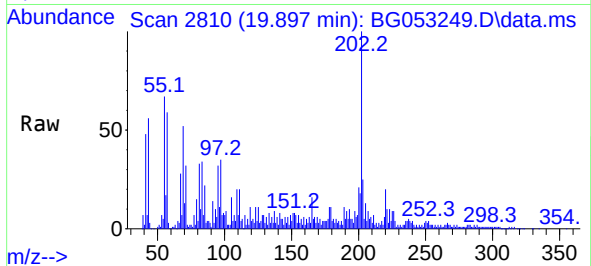




#78
Pyrene
Concen: 8.379 ng
RT: 19.897 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

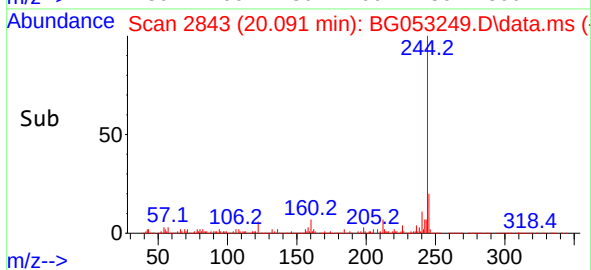
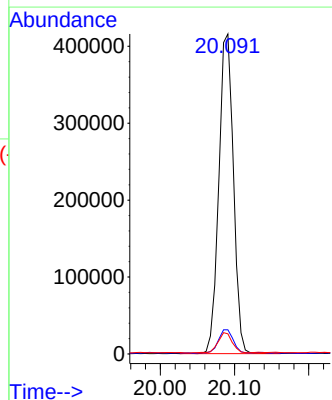
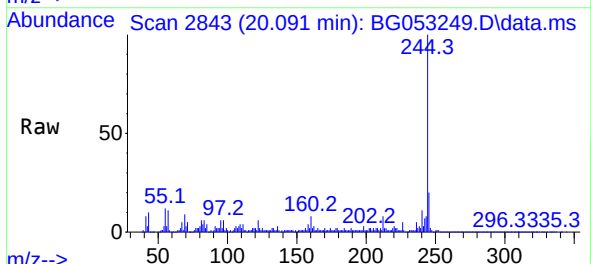
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

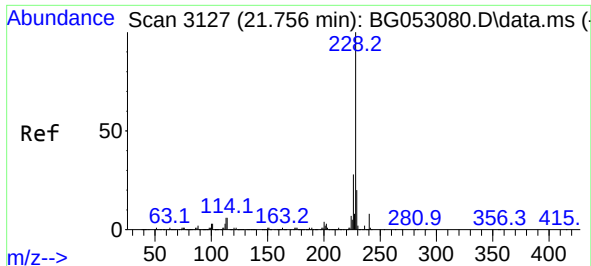
Tgt Ion:202 Resp: 106558
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 25.3 15.0 22.6#



#79
Terphenyl-d14
Concen: 53.576 ng
RT: 20.091 min Scan# 2843
Delta R.T. -0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:244 Resp: 566440
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 6.3 5.8 8.6

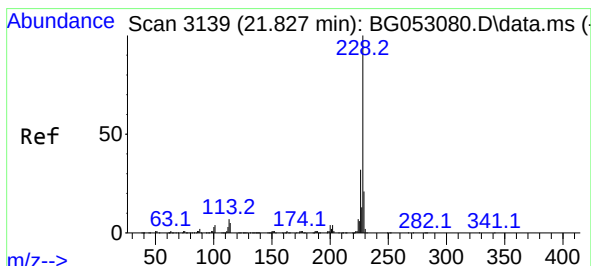
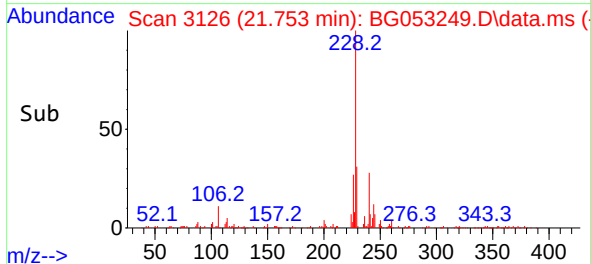
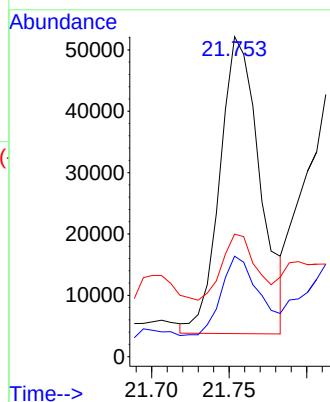
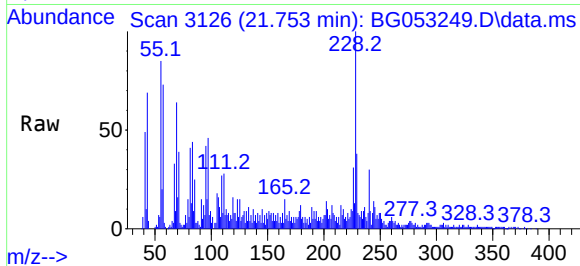




#81
Benzo(a)anthracene
Concen: 7.143 ng
RT: 21.753 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

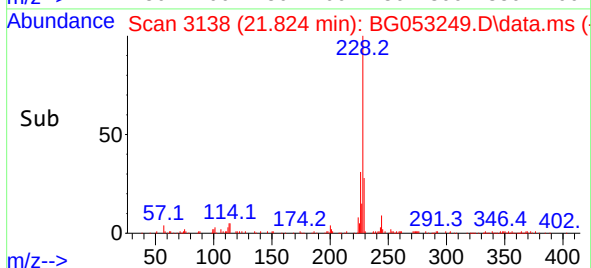
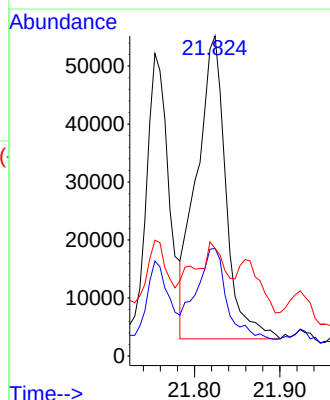
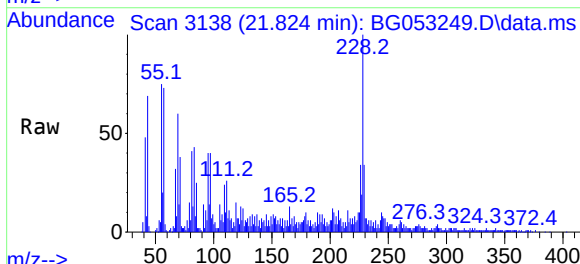
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

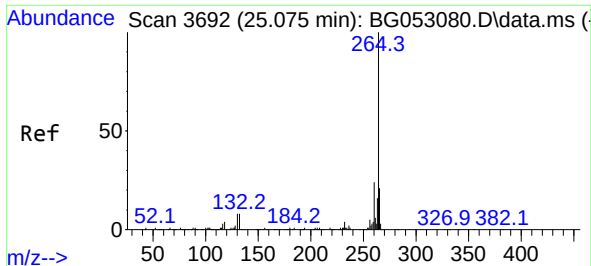
Tgt Ion:228 Resp: 87207
Ion Ratio Lower Upper
228 100
226 31.4 21.4 32.0
229 38.3 16.7 25.1#



#83
Chrysene
Concen: 11.015 ng
RT: 21.824 min Scan# 3138
Delta R.T. -0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:228 Resp: 124812
Ion Ratio Lower Upper
228 100
226 33.6 24.2 36.4
229 33.6 16.3 24.5#

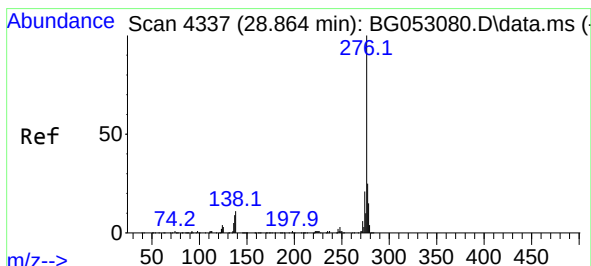
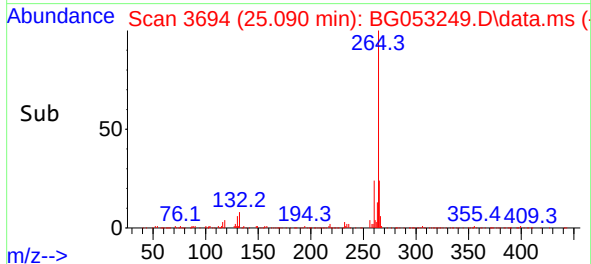
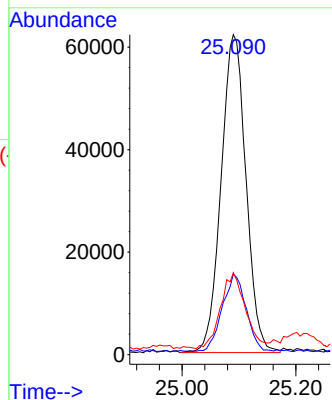
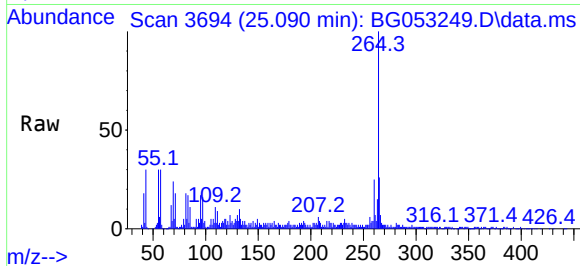




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.090 min Scan# 3
Delta R.T. 0.015 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

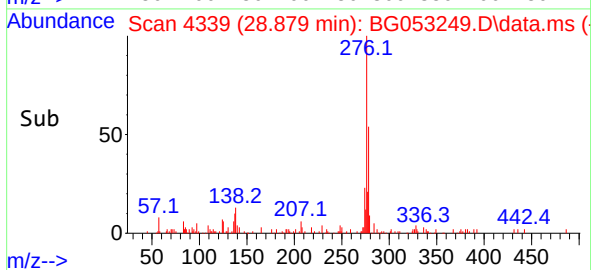
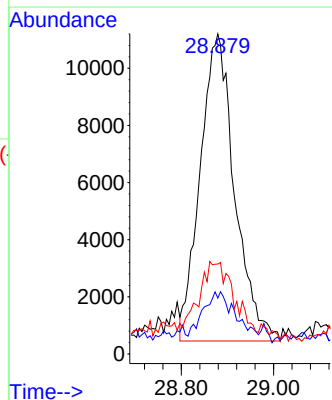
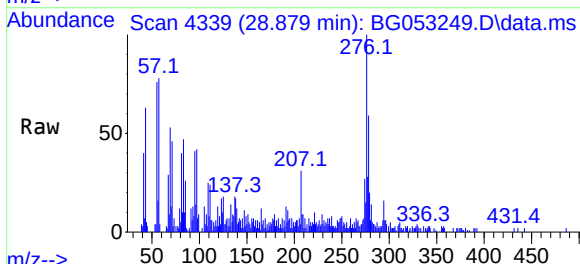
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

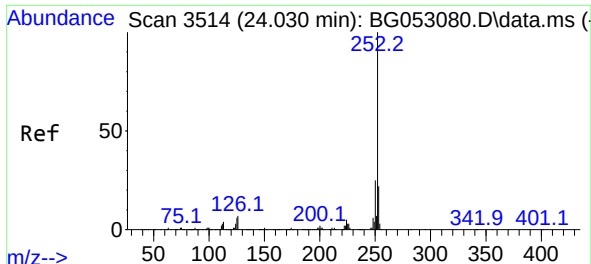
Tgt Ion:264 Resp: 188343
Ion Ratio Lower Upper
264 100
260 25.1 18.2 27.2
265 25.7 15.1 22.7#



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.985 ng
RT: 28.879 min Scan# 4339
Delta R.T. 0.015 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:276 Resp: 55764
Ion Ratio Lower Upper
276 100
138 13.4 8.7 13.1#
277 0.0 20.2 30.4#

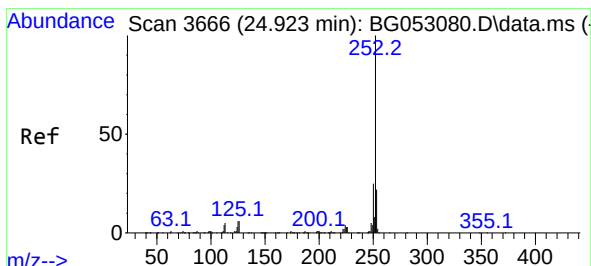
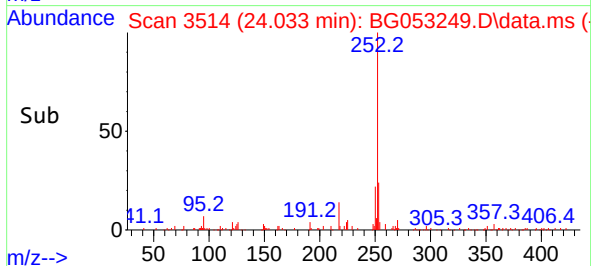
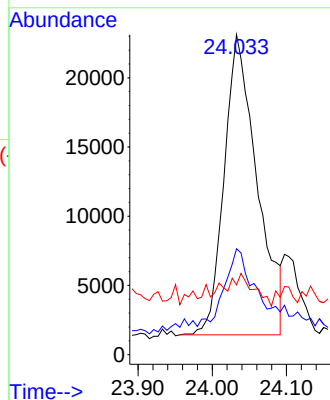
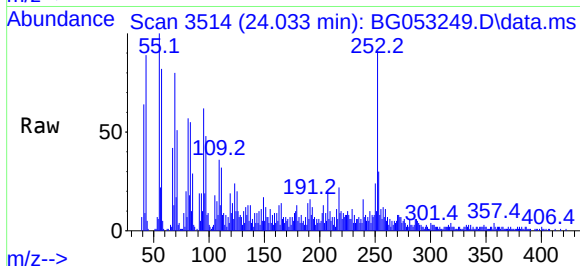




#88
Benzo(b)fluoranthene
Concen: 5.608 ng
RT: 24.033 min Scan# 311
Delta R.T. 0.003 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

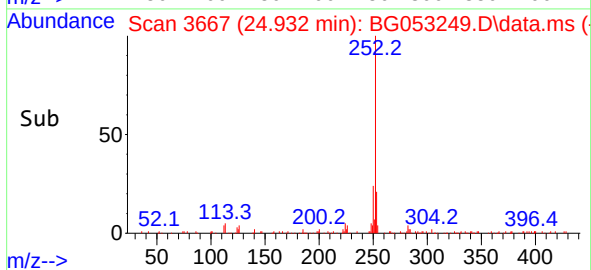
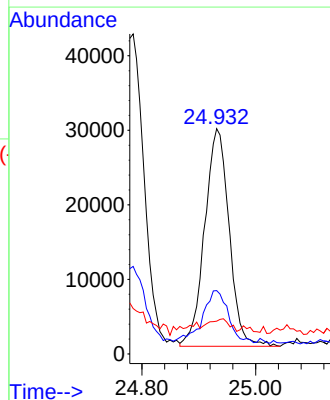
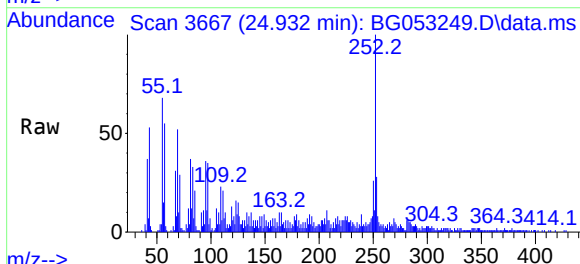
Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

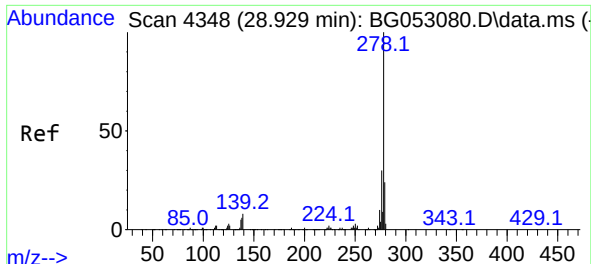
Tgt Ion:252 Resp: 66638
Ion Ratio Lower Upper
252 100
253 33.1 17.2 25.8#
125 21.8 5.2 7.8#



#90
Benzo(a)pyrene
Concen: 8.614 ng
RT: 24.932 min Scan# 3667
Delta R.T. 0.009 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:252 Resp: 87201
Ion Ratio Lower Upper
252 100
253 28.1 18.4 27.6#
125 14.6 5.6 8.4#

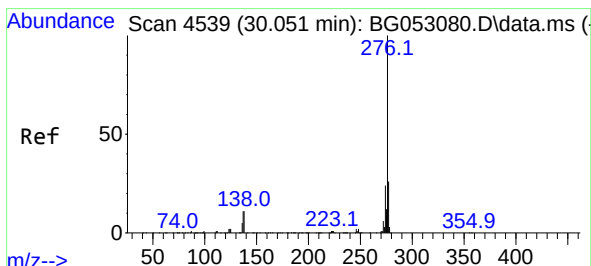
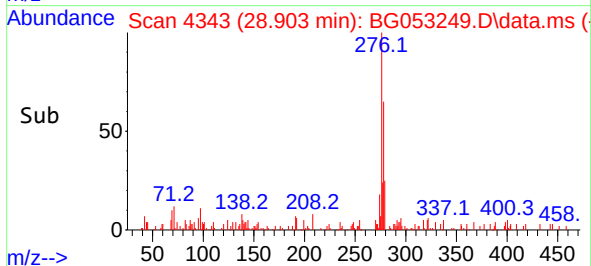
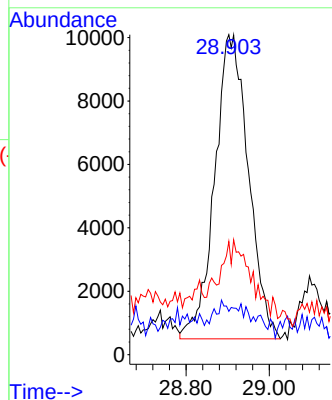
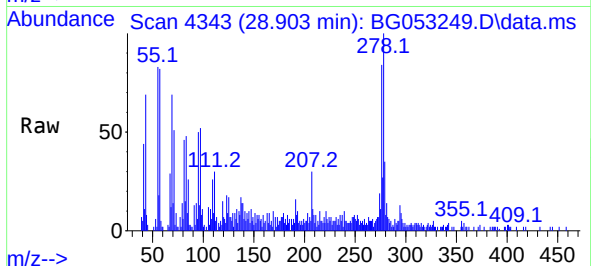




#91
Dibenzo(a,h)anthracene
Concen: 4.688 ng
RT: 28.903 min Scan# 41
Delta R.T. -0.026 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Instrument :
BNA_G
ClientSampleId :
WC-16-1A-1

Tgt Ion:278 Resp: 53988
Ion Ratio Lower Upper
278 100
139 13.5 7.8 11.6#
279 35.3 18.5 27.7#



#92
Benzo(g,h,i)perylene
Concen: 8.676 ng
RT: 30.066 min Scan# 4541
Delta R.T. 0.015 min
Lab File: BG053249.D
Acq: 21 Apr 2022 20:07

Tgt Ion:276 Resp: 98480
Ion Ratio Lower Upper
276 100
277 27.0 18.2 27.2
138 12.0 9.1 13.7

