

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081721\
 Data File : BG049879.D
 Acq On : 17 Aug 2021 15:47
 Operator : CG/JU
 Sample : M3424-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 19S

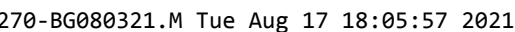
Quant Time: Aug 17 18:05:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

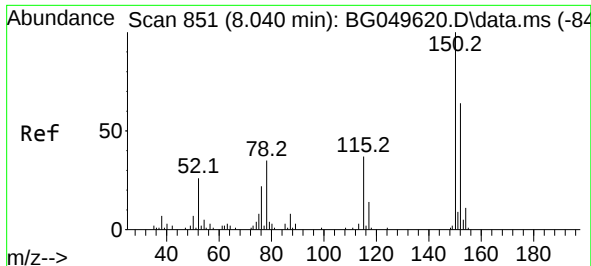
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	33588	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	140116	20.000	ng	# 0.00
39) Acenaphthene-d10	14.681	164	90893	20.000	ng	0.00
64) Phenanthrene-d10	17.431	188	166676	20.000	ng	# 0.00
76) Chrysene-d12	21.719	240	143656	20.000	ng	0.00
86) Perylene-d12	24.997	264	151676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	206911	110.429	ng	0.00
7) Phenol-d6	7.197	99	296171	104.422	ng	0.00
23) Nitrobenzene-d5	9.195	82	209850	66.274	ng	0.00
42) 2,4,6-Tribromophenol	16.173	330	140838	105.417	ng	0.00
45) 2-Fluorobiphenyl	13.295	172	397839	63.689	ng	0.00
79) Terphenyl-d14	20.045	244	466192	58.939	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.195	70	32176	16.953	ng	# 72
32) Benzoic acid	10.334	122	159	5.054	ng	# 1
51) 2,6-Dinitrotoluene	14.681	165	11810	7.822	ng	# 13
57) 2,4-Dinitrotoluene	14.681	165	11810	5.569	ng	# 19
67) 4-Bromophenyl-phenylether	16.179	248	8774	4.470	ng	# 1
71) Phenanthrene	17.478	178	84834	9.674	ng	97
72) Anthracene	17.566	178	17308	2.010	ng	98
75) Fluoranthene	19.487	202	129557	12.006	ng	99
78) Pyrene	19.851	202	117746	12.023	ng	97
81) Benzo(a)anthracene	21.766	228	55329	5.914	ng	97
83) Chrysene	21.766	228	55329	6.187	ng	96
87) Indeno(1,2,3-cd)pyrene	28.756	276	35397	3.236	ng	95
88) Benzo(b)fluoranthene	23.957	252	69687	7.005	ng	# 97
89) Benzo(k)fluoranthene	23.957	252	69687	7.510	ng	# 93
90) Benzo(a)pyrene	24.838	252	52250	5.804	ng	# 87
92) Benzo(g,h,i)perylene	29.931	276	44980	4.981	ng	94

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

Quant Time: Aug 17 18:05:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
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QLast Update : Mon Aug 16 18:23:02 2021
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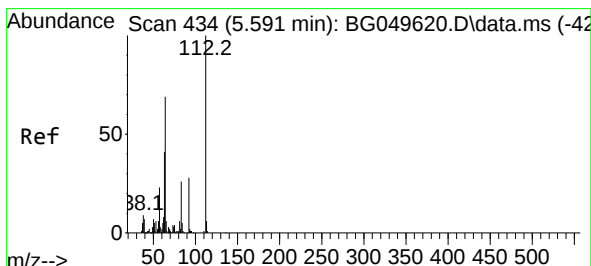
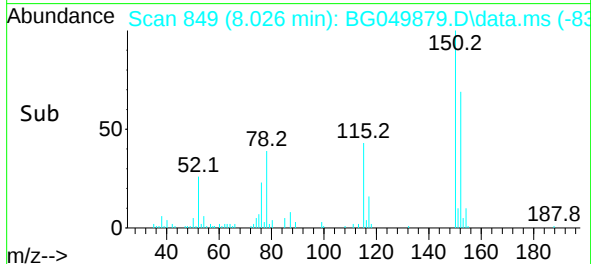
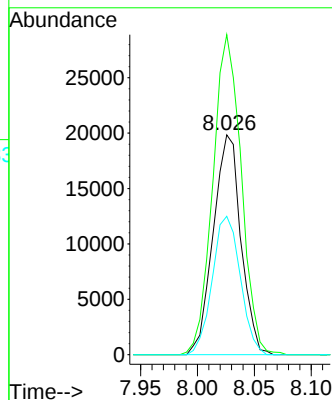
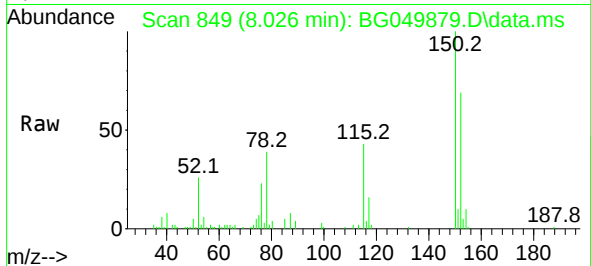




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.026 min Scan# 849
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

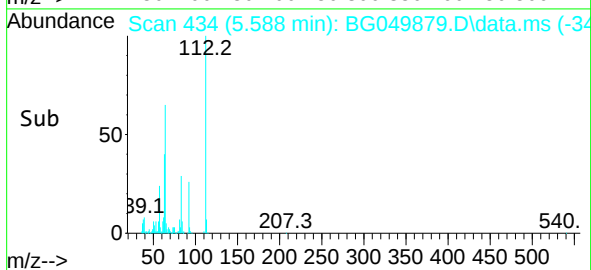
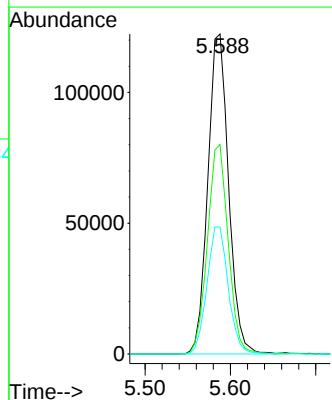
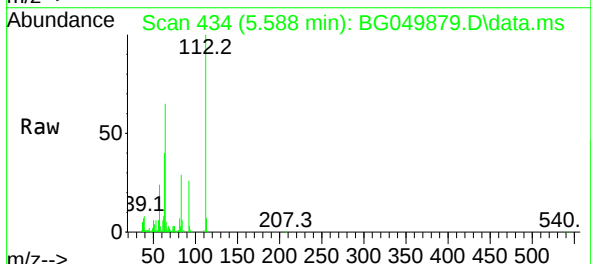
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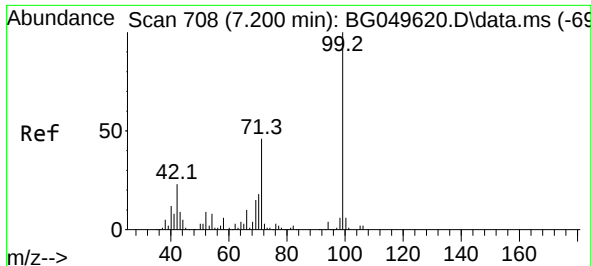
Tgt Ion:152 Resp: 33588
Ion Ratio Lower Upper
152 100
150 145.6 119.4 179.0
115 63.0 60.2 90.4



#5
2-Fluorophenol
Concen: 110.429 ng
RT: 5.588 min Scan# 434
Delta R.T. 0.009 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion:112 Resp: 206911
Ion Ratio Lower Upper
112 100
64 65.4 46.7 70.1
63 39.6 35.3 52.9

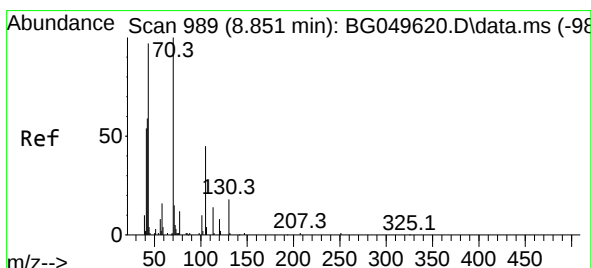
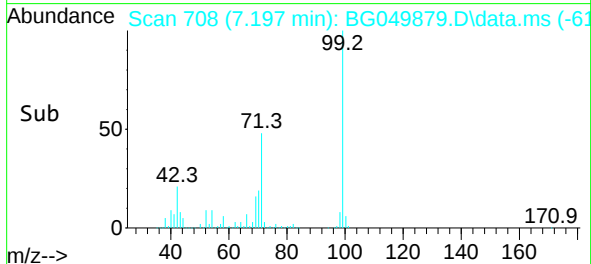
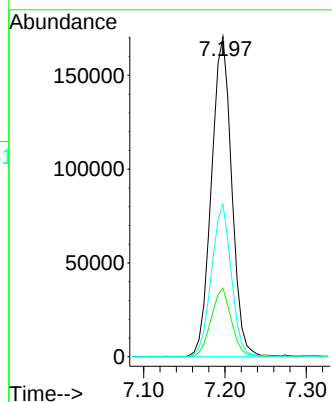
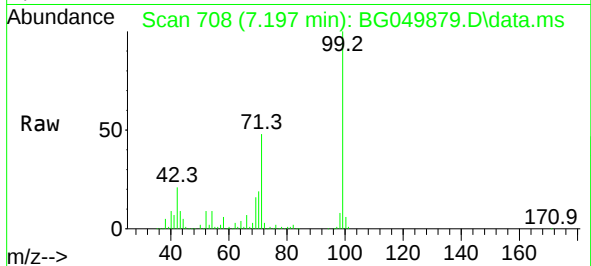




#7
Phenol-d6
Concen: 104.422 ng
RT: 7.197 min Scan# 708
Delta R.T. 0.004 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

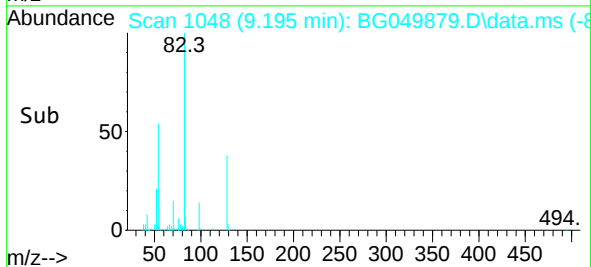
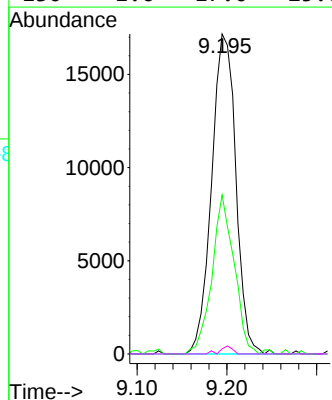
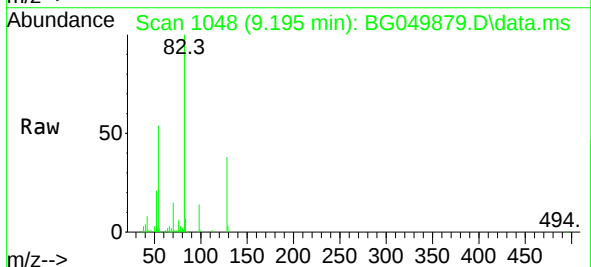
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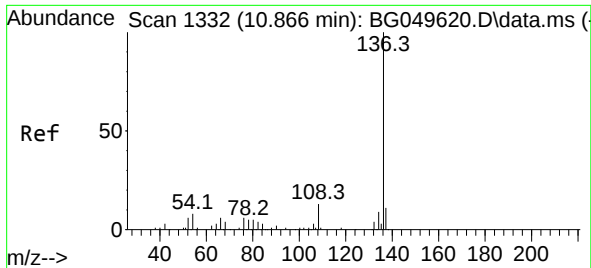
Tgt Ion: 99 Resp: 296171
Ion Ratio Lower Upper
99 100
42 21.5 20.5 30.7
71 47.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.953 ng
RT: 9.195 min Scan# 1048
Delta R.T. 0.356 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion: 70 Resp: 32176
Ion Ratio Lower Upper
70 100
42 49.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.6 17.0 25.6#

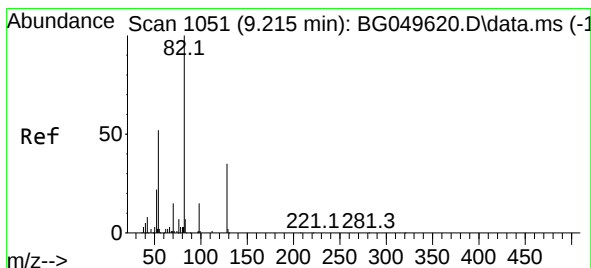
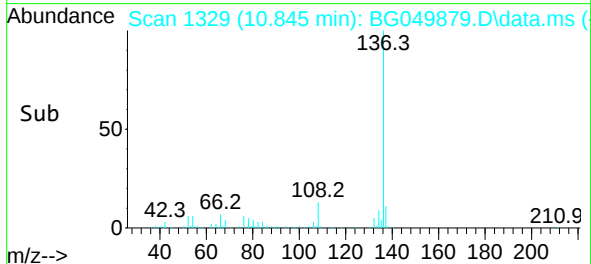
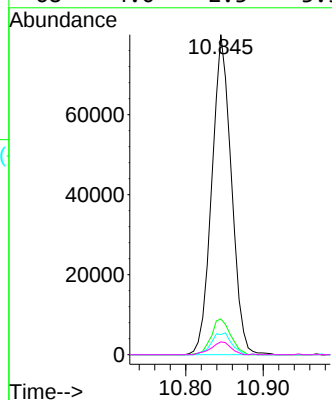
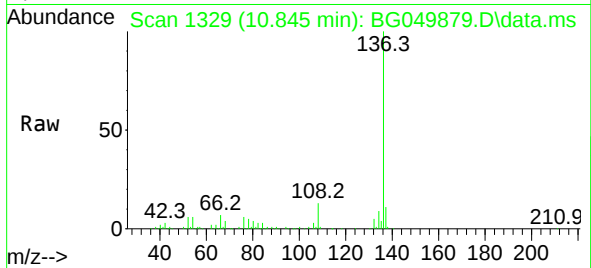




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.845 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

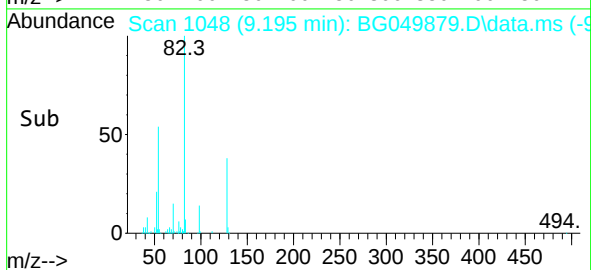
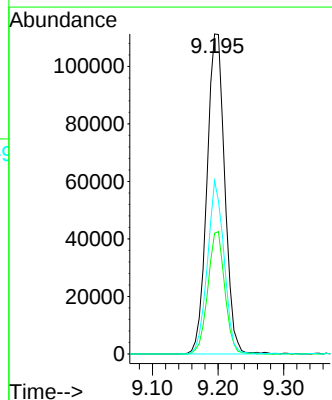
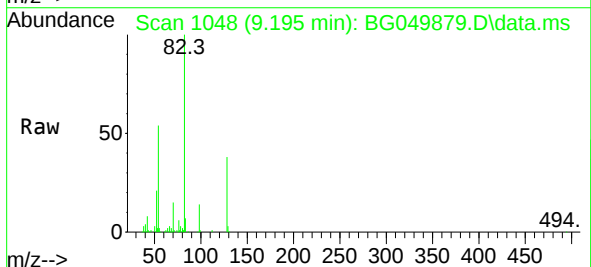
Instrument :
BNA_G
ClientSampleId :
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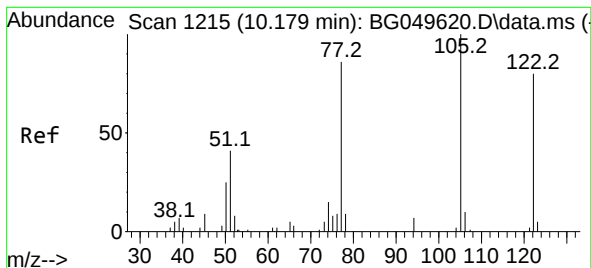
Tgt Ion:	136	Resp:	140116
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.2	12.2
54	6.3	5.5	8.3
68	4.0	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 66.274 ng
RT: 9.195 min Scan# 1048
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion:	82	Resp:	209850
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.8	44.6
54	54.1	45.8	68.8

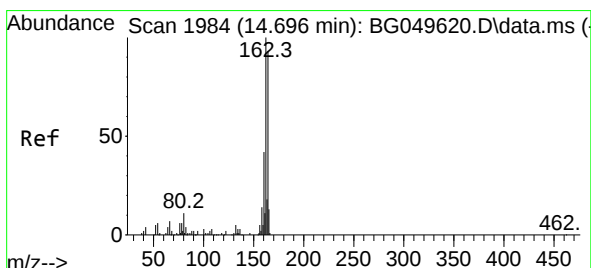
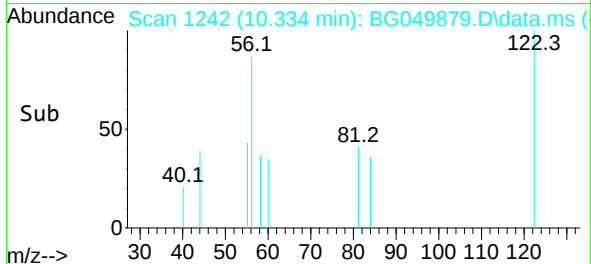
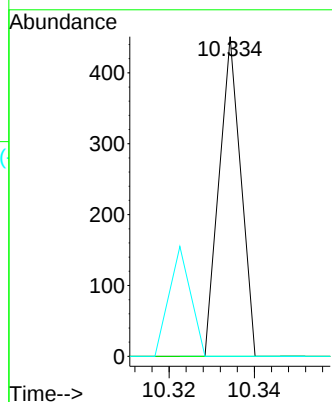
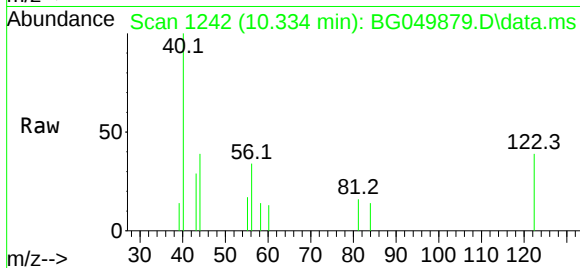




#32
Benzoic acid
Concen: 5.054 ng
RT: 10.334 min Scan# 1242
Delta R.T. 0.168 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

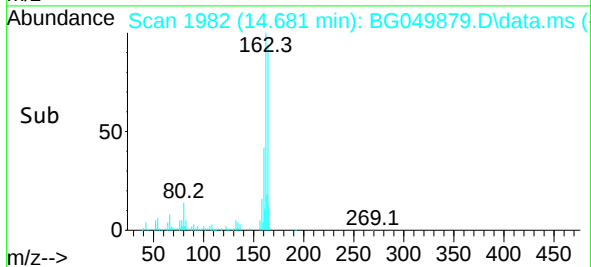
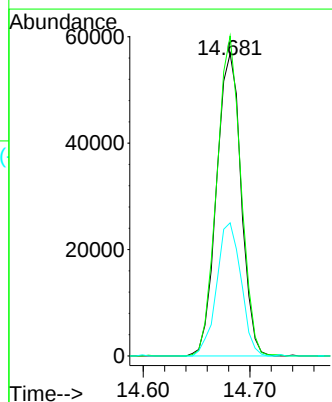
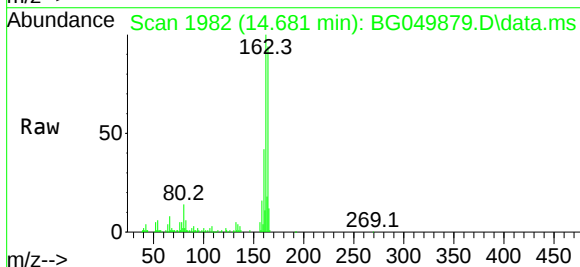
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BNA_G
ClientSampleId :
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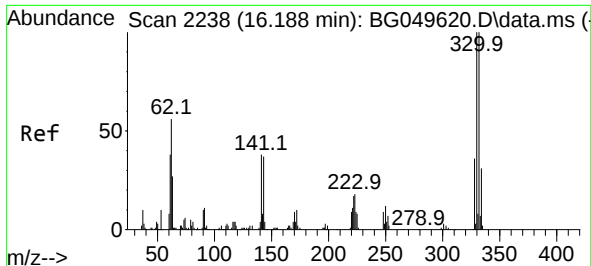
Tgt Ion:122 Resp: 159
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 0.0 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion:164 Resp: 90893
Ion Ratio Lower Upper
164 100
162 105.9 81.4 122.0
160 44.1 34.9 52.3

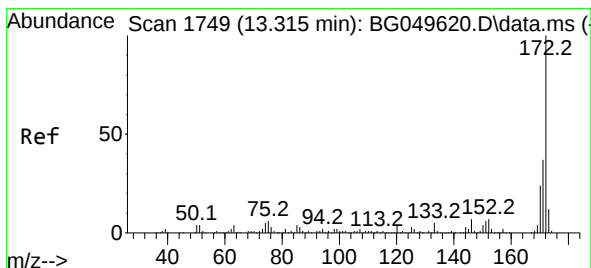
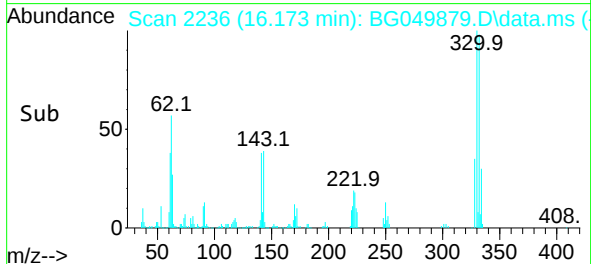
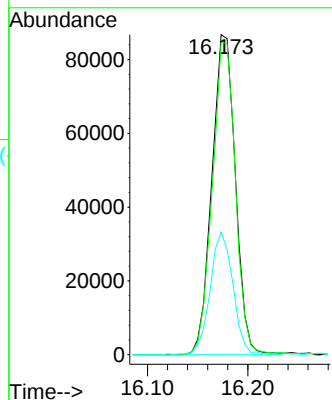
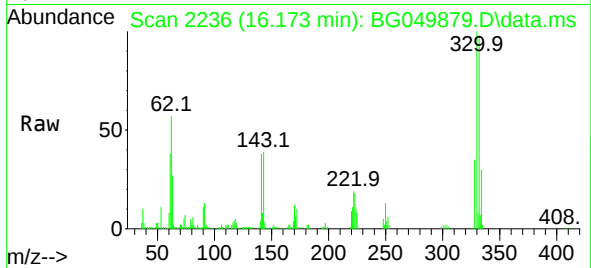




#42
2,4,6-Tribromophenol
Concen: 105.417 ng
RT: 16.173 min Scan# 2236
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

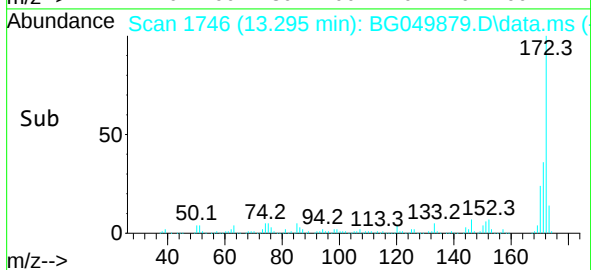
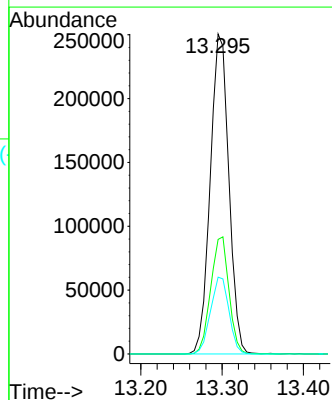
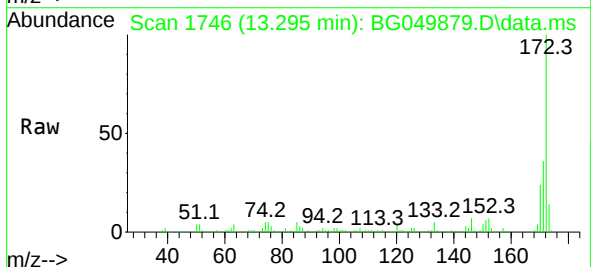
Instrument :
BNA_G
ClientSampled :
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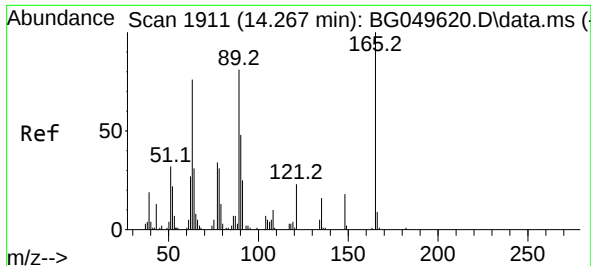
Tgt Ion:330 Resp: 140838
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 37.6 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 63.689 ng
RT: 13.295 min Scan# 1746
Delta R.T. -0.008 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion:172 Resp: 397839
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.0 18.6 27.8

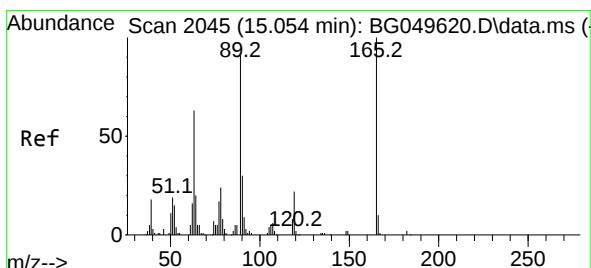
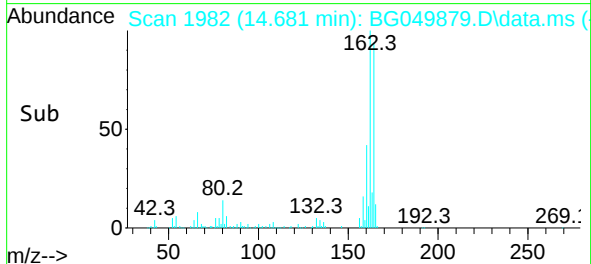
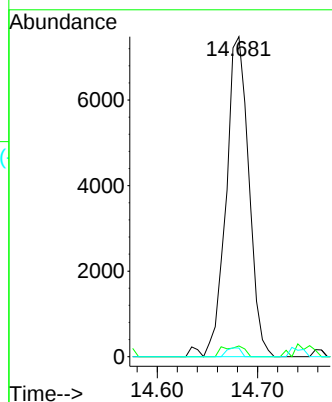
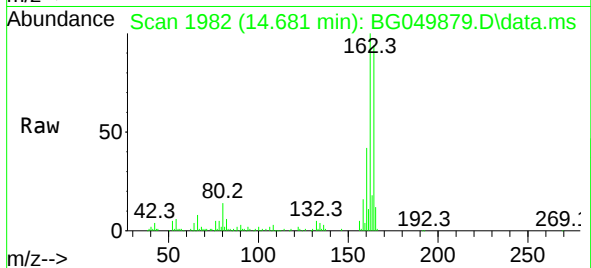




#51
2,6-Dinitrotoluene
Concen: 7.822 ng
RT: 14.681 min Scan# 1982
Delta R.T. 0.427 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

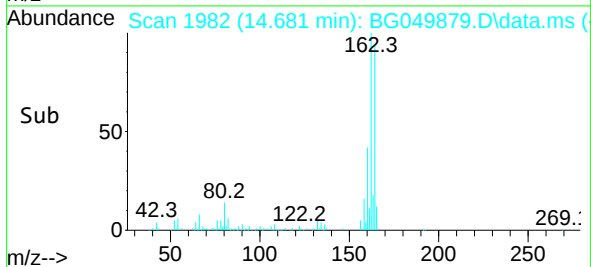
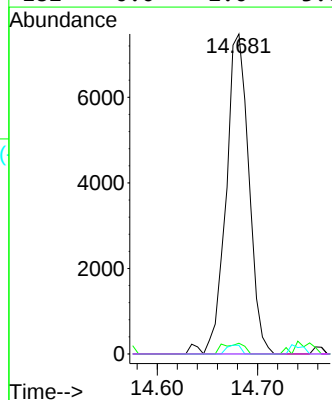
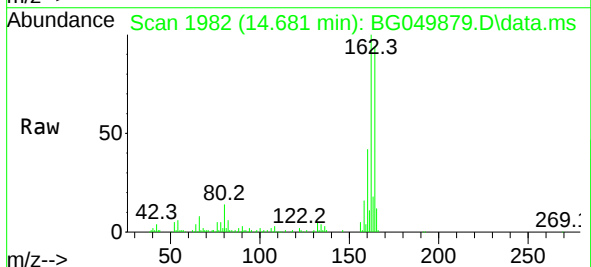
Instrument :
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ClientSampled :
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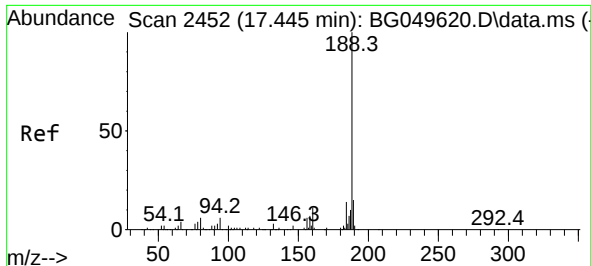
Tgt Ion:165 Resp: 11810
Ion Ratio Lower Upper
165 100
63 3.4 63.3 94.9#
89 2.7 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.569 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.367 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion:165 Resp: 11810
Ion Ratio Lower Upper
165 100
63 3.4 48.0 72.0#
89 2.7 65.4 98.0#
182 0.0 2.0 3.0#

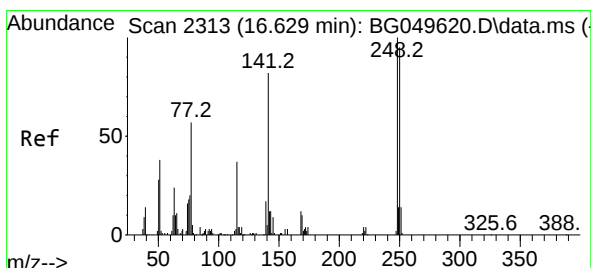
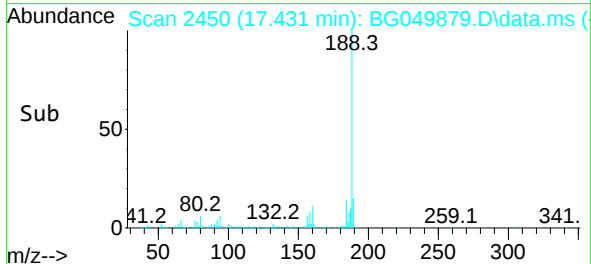
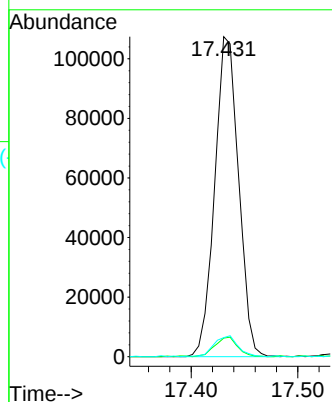
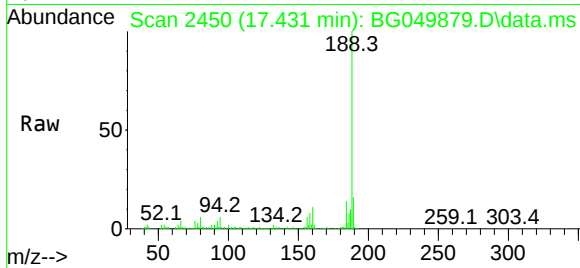




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.431 min Scan# 2450
Delta R.T. -0.008 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

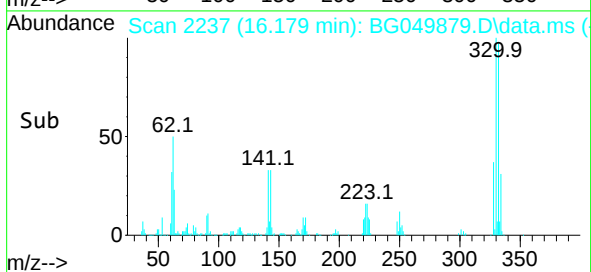
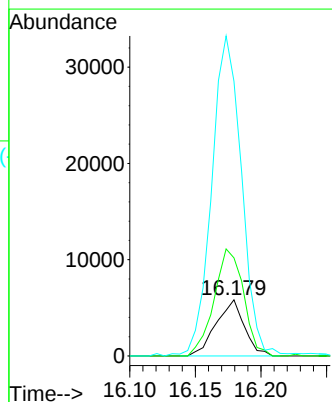
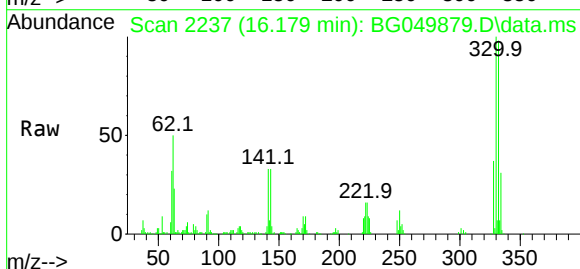
Instrument :
BNA_G
ClientSampleId :
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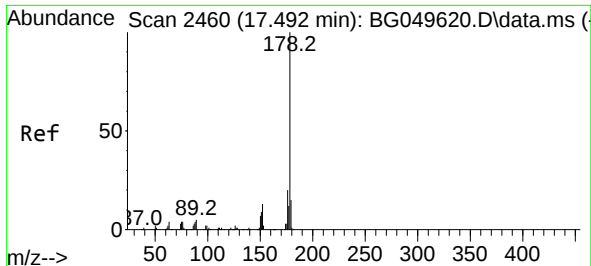
Tgt Ion:188 Resp: 166676
Ion Ratio Lower Upper
188 100
94 5.8 5.4 8.0
80 6.0 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.470 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.437 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion:248 Resp: 8774
Ion Ratio Lower Upper
248 100
250 174.8 76.1 114.1#
141 489.7 65.4 98.2#

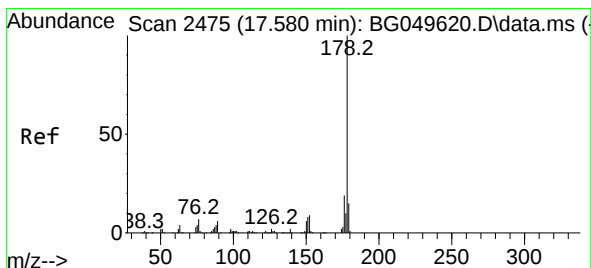
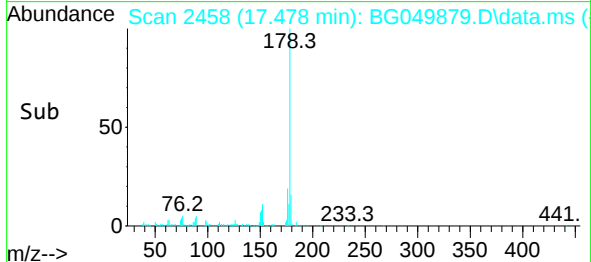
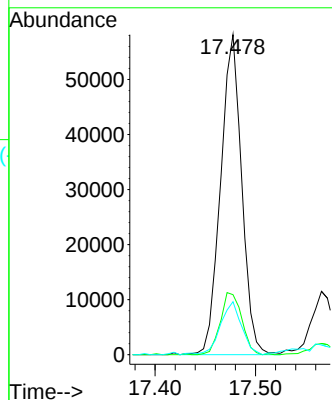
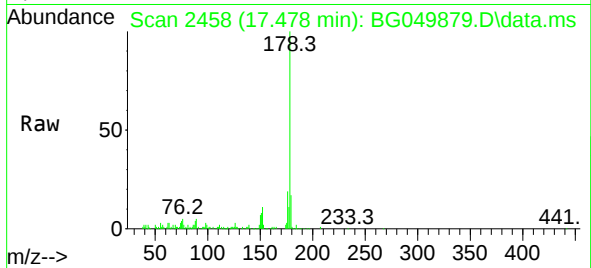




#71
Phenanthrene
Concen: 9.674 ng
RT: 17.478 min Scan# 2458
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

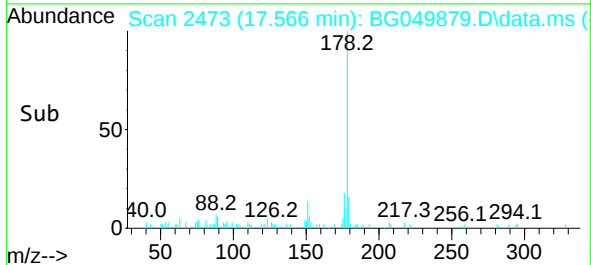
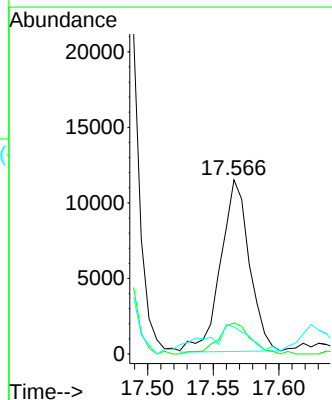
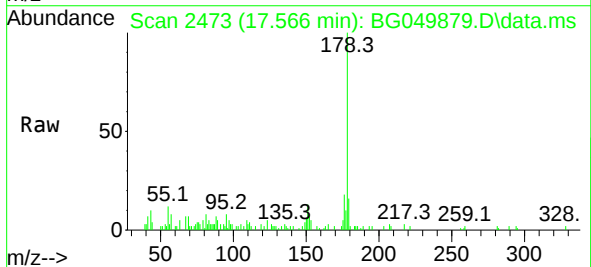
Instrument :
BNA_G
ClientSampled :
19S

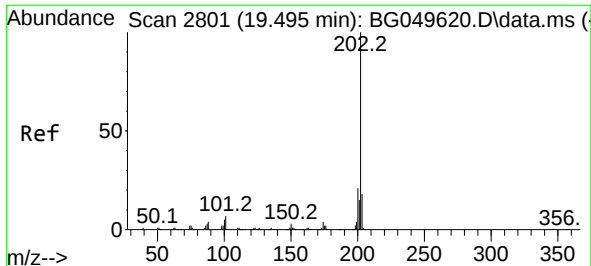
Tgt Ion:178 Resp: 84834
Ion Ratio Lower Upper
178 100
176 18.7 16.0 24.0
179 16.6 14.2 21.4



#72
Anthracene
Concen: 2.010 ng
RT: 17.566 min Scan# 2473
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion:178 Resp: 17308
Ion Ratio Lower Upper
178 100
176 17.8 14.6 21.8
179 15.5 13.4 20.0

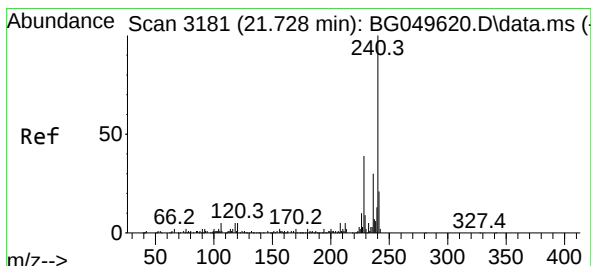
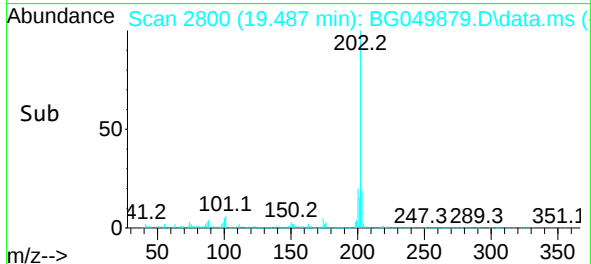
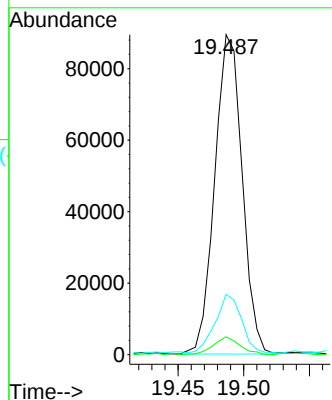
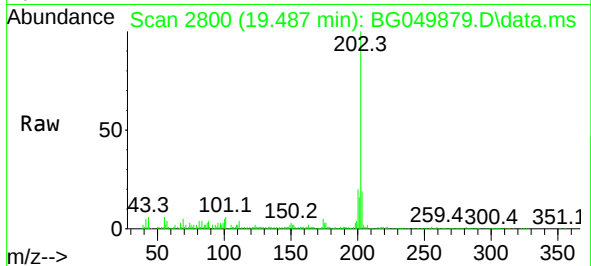




#75
Fluoranthene
Concen: 12.006 ng
RT: 19.487 min Scan# 2800
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

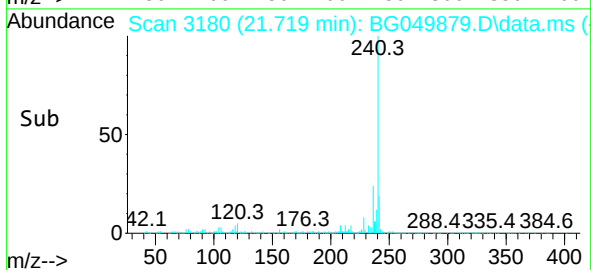
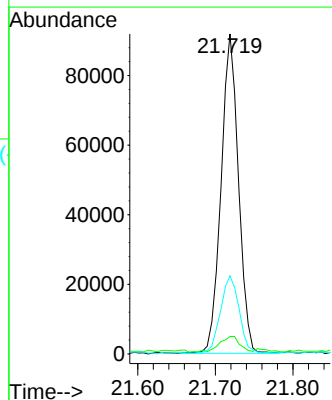
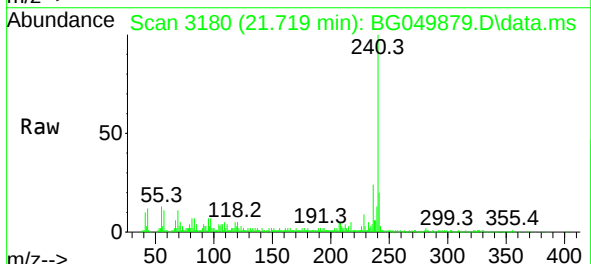
Instrument :
BNA_G
ClientSampleId :
19S

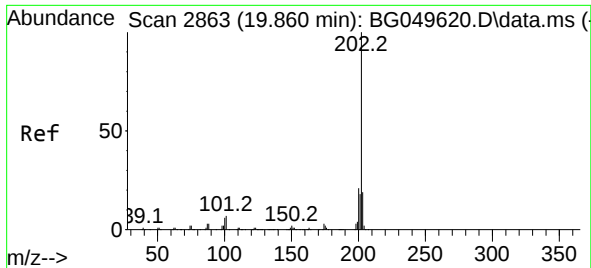
Tgt Ion:202 Resp: 129557
Ion Ratio Lower Upper
202 100
101 5.6 0.0 24.7
203 18.9 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.719 min Scan# 3180
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion:240 Resp: 143656
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 24.4 21.8 32.6

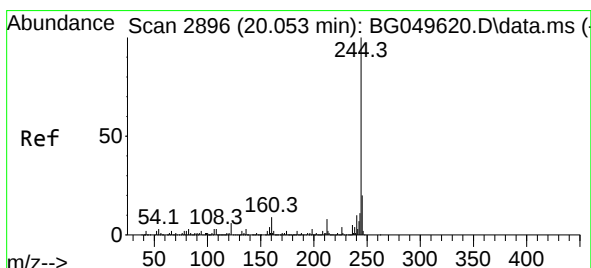
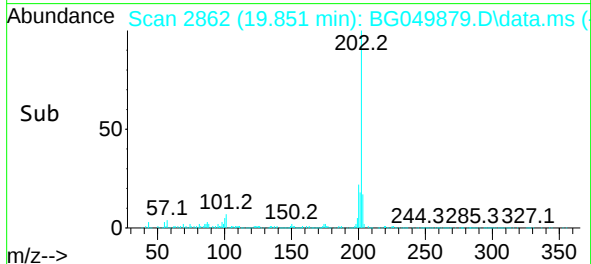
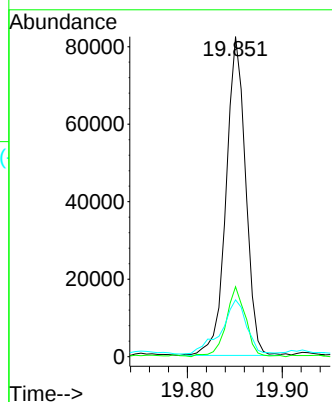
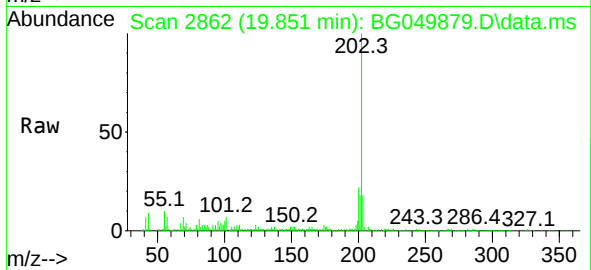




#78
Pyrene
Concen: 12.023 ng
RT: 19.851 min Scan# 2862
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

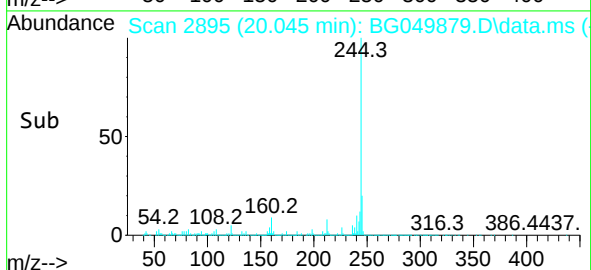
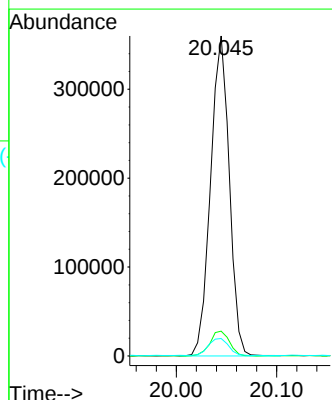
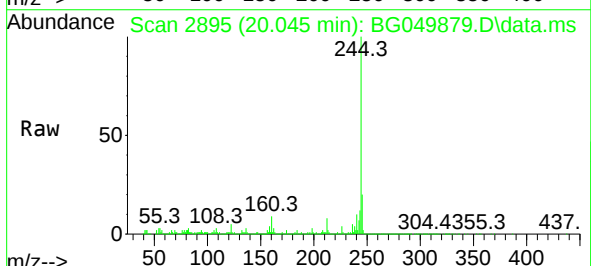
Instrument :
BNA_G
ClientSampled :
19S

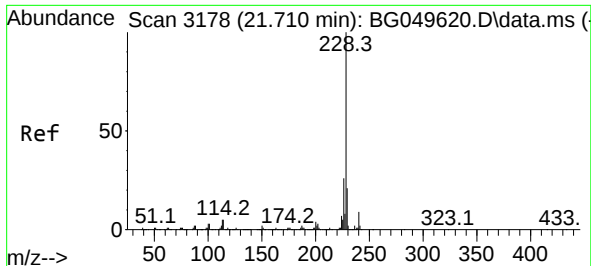
Tgt Ion:202 Resp: 117746
Ion Ratio Lower Upper
202 100
200 21.8 15.8 23.8
203 17.8 14.6 21.8



#79
Terphenyl-d14
Concen: 58.939 ng
RT: 20.045 min Scan# 2895
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion:244 Resp: 466192
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 5.5 5.0 7.6

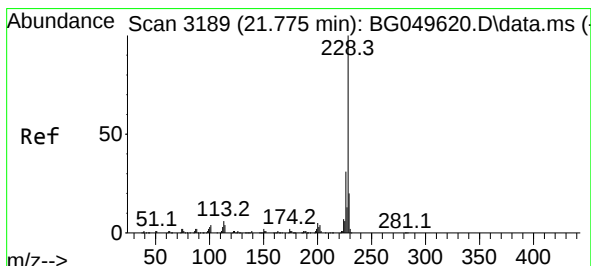
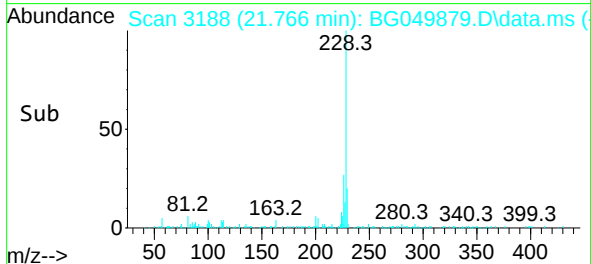
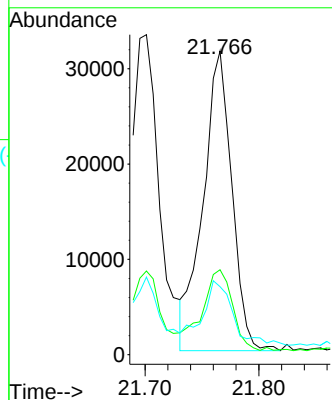
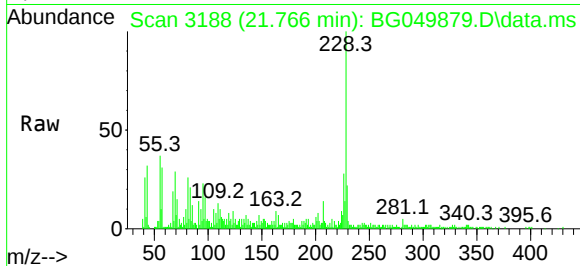




#81
Benzo(a)anthracene
Concen: 5.914 ng
RT: 21.766 min Scan# 3188
Delta R.T. 0.068 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

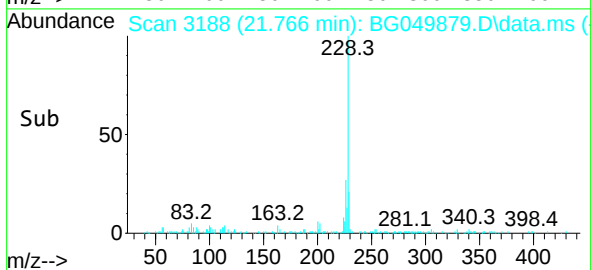
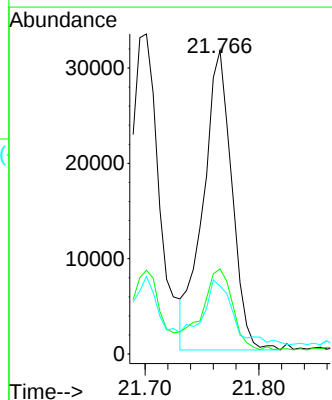
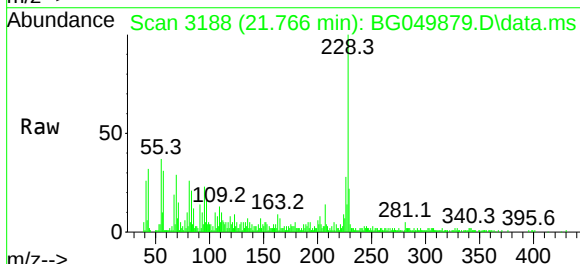
Instrument :
BNA_G
ClientSampleId :
19S

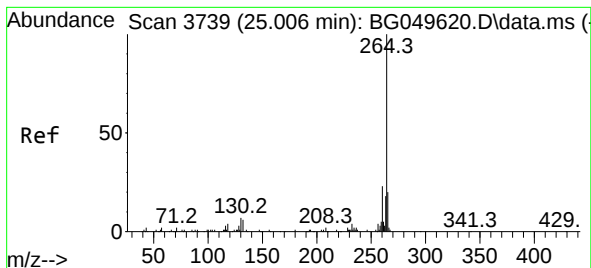
Tgt Ion:228 Resp: 55329
Ion Ratio Lower Upper
228 100
226 28.0 22.7 34.1
229 22.4 16.0 24.0



#83
Chrysene
Concen: 6.187 ng
RT: 21.766 min Scan# 3188
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion:228 Resp: 55329
Ion Ratio Lower Upper
228 100
226 28.0 23.1 34.7
229 22.4 15.3 22.9

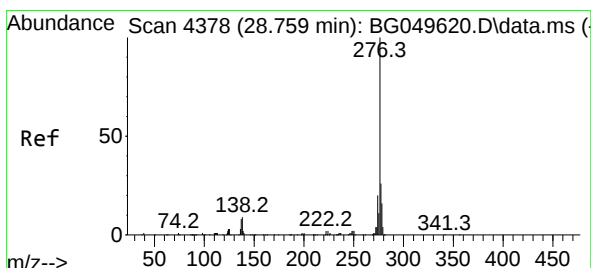
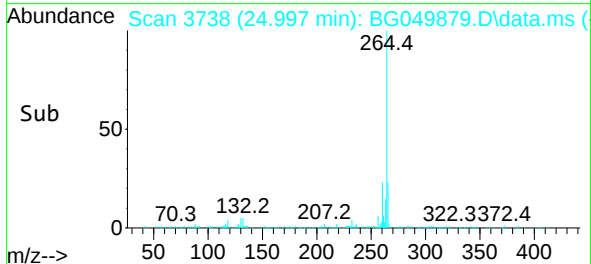
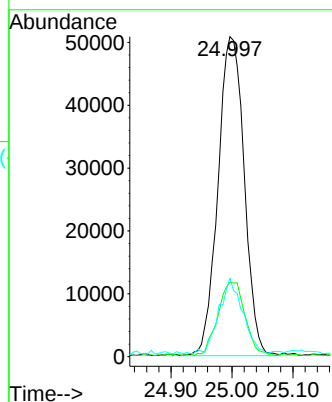
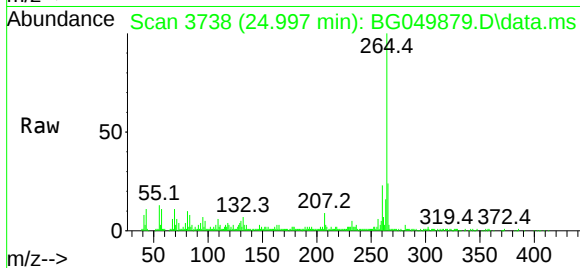




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.997 min Scan# 3738
 Delta R.T. 0.009 min
 Lab File: BG049879.D
 Acq: 17 Aug 2021 15:47

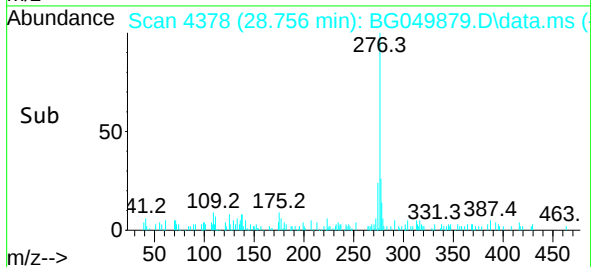
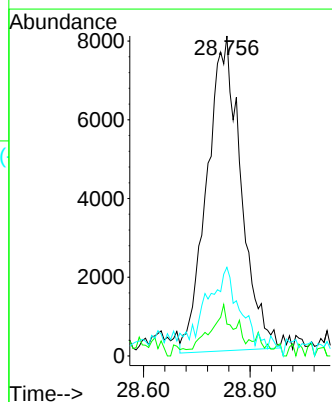
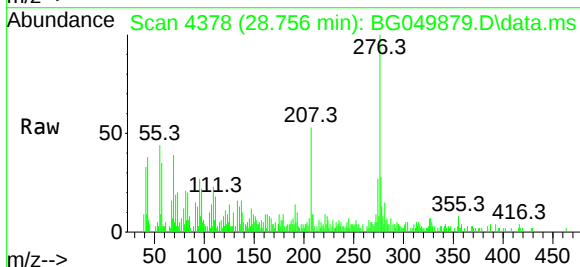
Instrument :
 BNA_G
 ClientSampled :
 19S

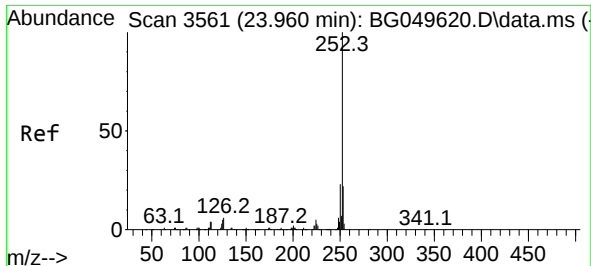
Tgt Ion:264 Resp: 151676
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 24.4 16.9 25.3



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.236 ng
 RT: 28.756 min Scan# 4378
 Delta R.T. 0.021 min
 Lab File: BG049879.D
 Acq: 17 Aug 2021 15:47

Tgt Ion:276 Resp: 35397
 Ion Ratio Lower Upper
 276 100
 138 7.1 5.1 7.7
 277 21.6 19.8 29.6

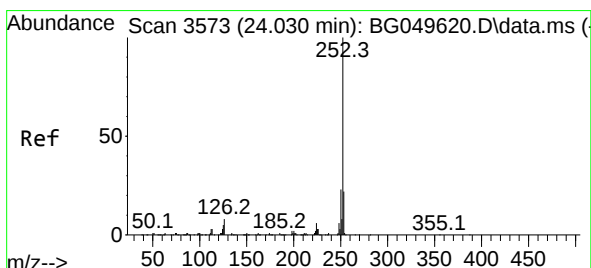
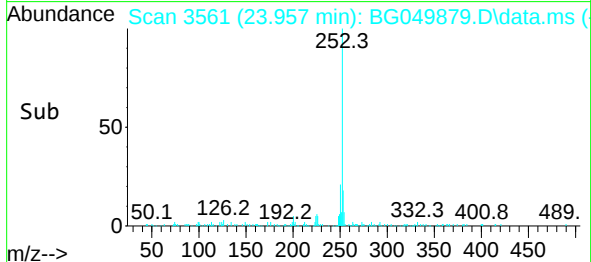
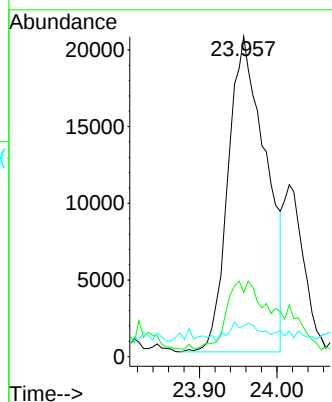
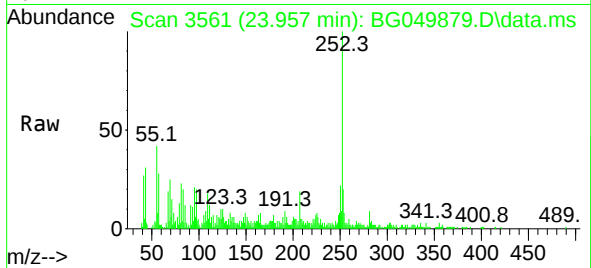




#88
Benzo(b)fluoranthene
Concen: 7.005 ng
RT: 23.957 min Scan# 3561
Delta R.T. 0.004 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

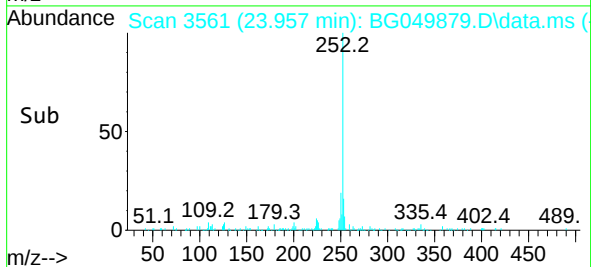
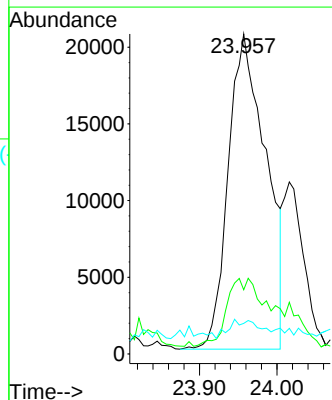
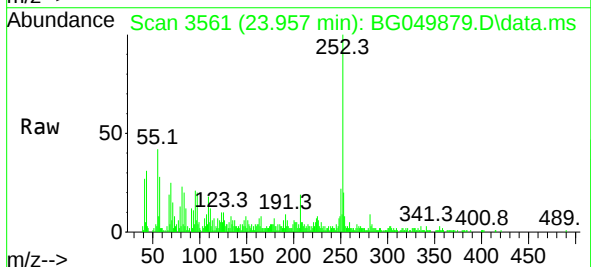
Instrument :
BNA_G
ClientSampled :
19S

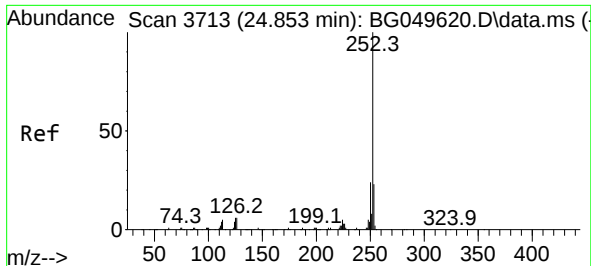
Tgt Ion:252 Resp: 69687
Ion Ratio Lower Upper
252 100
253 20.0 16.2 24.4
125 9.6 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 7.510 ng
RT: 23.957 min Scan# 3561
Delta R.T. -0.061 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion:252 Resp: 69687
Ion Ratio Lower Upper
252 100
253 20.0 18.0 27.0
125 9.6 3.1 4.7#

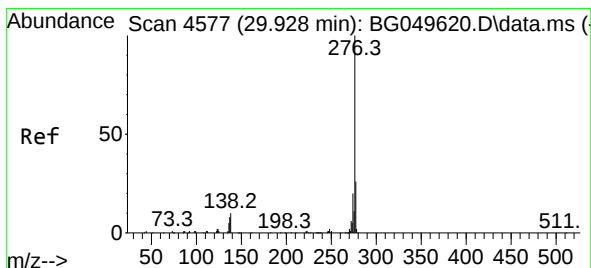
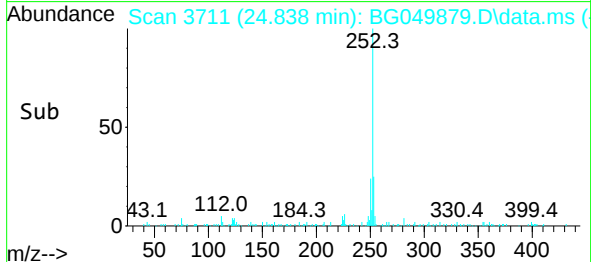
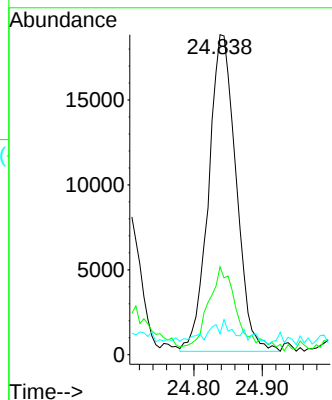
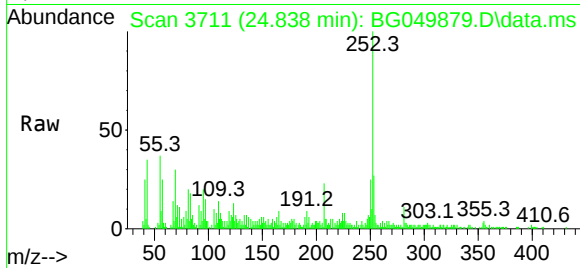




#90
Benzo(a)pyrene
Concen: 5.804 ng
RT: 24.838 min Scan# 3711
Delta R.T. -0.002 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Instrument :
BNA_G
ClientSampled :
19S

Tgt Ion:252 Resp: 52250
Ion Ratio Lower Upper
252 100
253 27.5 16.6 25.0#
125 6.6 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 4.981 ng
RT: 29.931 min Scan# 4578
Delta R.T. 0.015 min
Lab File: BG049879.D
Acq: 17 Aug 2021 15:47

Tgt Ion:276 Resp: 44980
Ion Ratio Lower Upper
276 100
277 26.6 18.4 27.6
138 10.0 7.0 10.6

