

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
 Data File : BG049928.D
 Acq On : 21 Aug 2021 3:40
 Operator : CG/JU
 Sample : M3419-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-09-0205

Quant Time: Aug 21 05:23:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 21 05:13:22 2021
 Response via : Initial Calibration

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

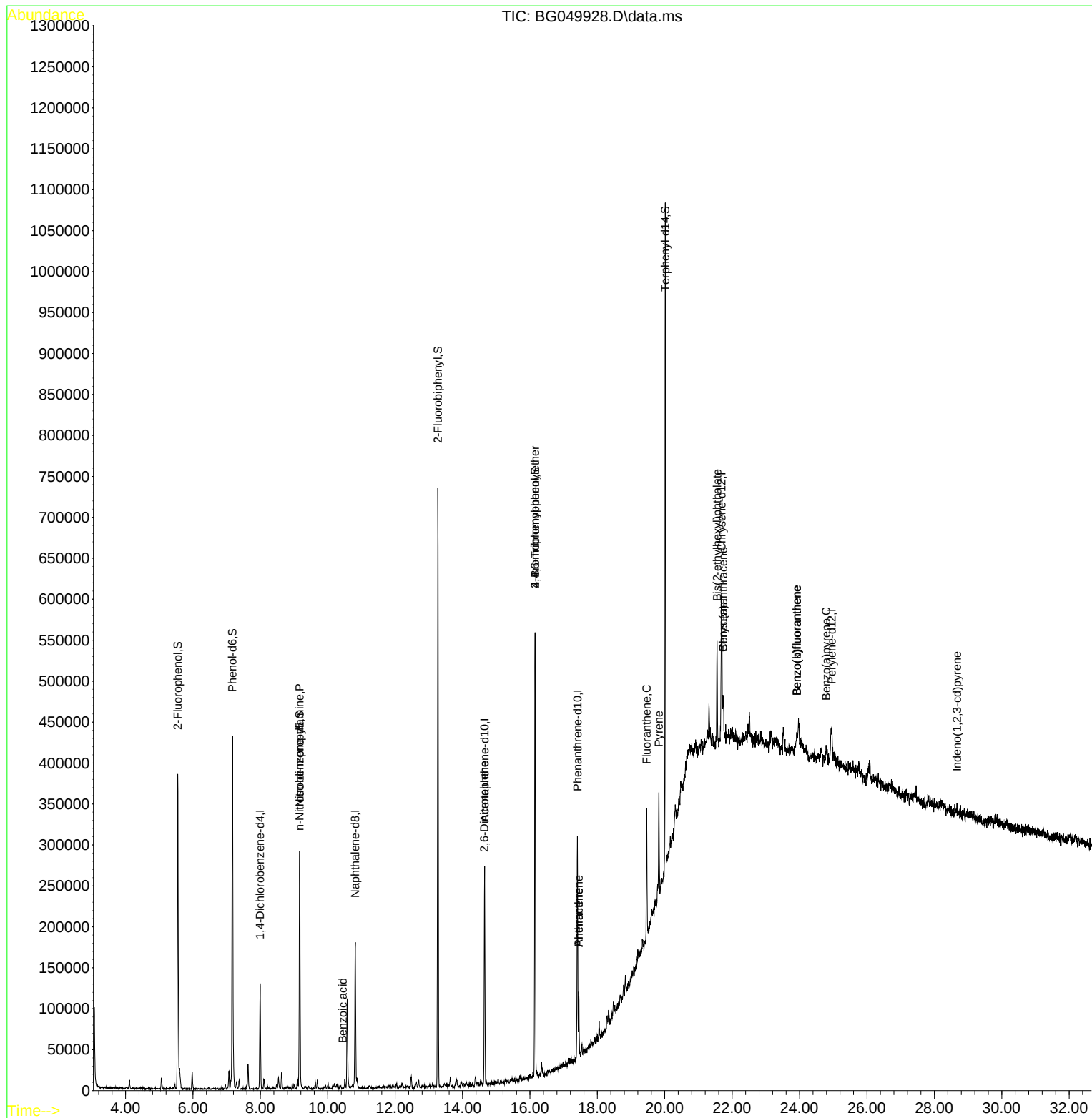
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.991	152	35426	20.000	ng	0.01
21) Naphthalene-d8	10.817	136	150141	20.000	ng	0.02
39) Acenaphthene-d10	14.653	164	90337	20.000	ng	0.01
64) Phenanthrene-d10	17.408	188	160205	20.000	ng	# 0.02
76) Chrysene-d12	21.684	240	112623	20.000	ng	0.03
86) Perylene-d12	24.951	264	56421	20.000	ng	# 0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.547	112	167562	84.789	ng	0.02
7) Phenol-d6	7.169	99	246918	82.540	ng	0.03
23) Nitrobenzene-d5	9.166	82	176117	51.907	ng	0.01
42) 2,4,6-Tribromophenol	16.151	330	106685	80.345	ng	0.02
45) 2-Fluorobiphenyl	13.266	172	358280	57.709	ng	0.01
79) Terphenyl-d14	20.016	244	369660	59.613	ng	0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.160	70	27480	13.727	ng	# 65
32) Benzoic acid	10.447	122	83	4.999	ng	# 74
51) 2,6-Dinitrotoluene	14.647	165	13054	8.699	ng	# 12
67) 4-Bromophenyl-phenylether	16.151	248	6421	3.403	ng	# 1
71) Phenanthrene	17.449	178	48798	5.790	ng	98
72) Anthracene	17.449	178	48798	5.895	ng	96
75) Fluoranthene	19.464	202	100132	9.654	ng	99
78) Pyrene	19.828	202	87060	11.339	ng	97
81) Benzo(a)anthracene	21.731	228	37332	5.090	ng	94
83) Chrysene	21.731	228	37332	5.325	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.555	149	49706	12.009	ng	94
87) Indeno(1,2,3-cd)pyrene	28.675	276	10580	2.600	ng	# 67
88) Benzo(b)fluoranthene	23.922	252	33572	9.073	ng	# 69
89) Benzo(k)fluoranthene	23.922	252	33572	9.726	ng	# 74
90) Benzo(a)pyrene	24.786	252	16643	4.970	ng	# 66

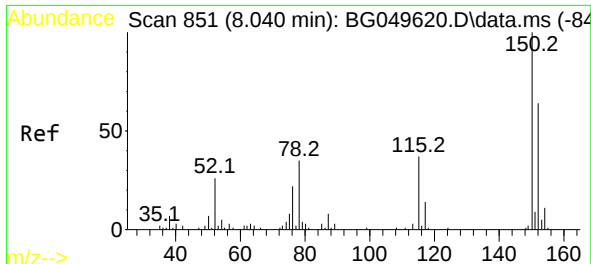
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
Data File : BG049928.D
Acq On : 21 Aug 2021 3:40
Operator : CG/JU
Sample : M3419-23
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

Quant Time: Aug 21 05:23:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 21 05:13:22 2021
Response via : Initial Calibration

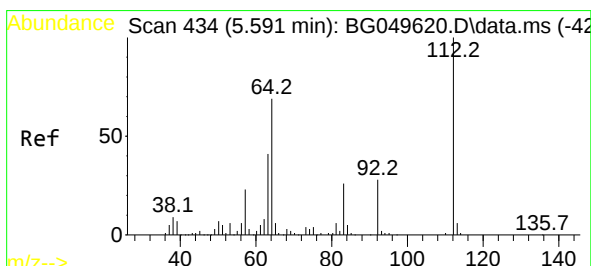
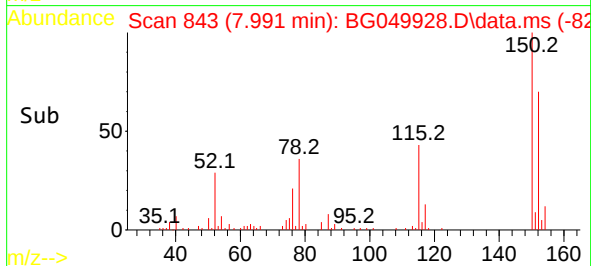
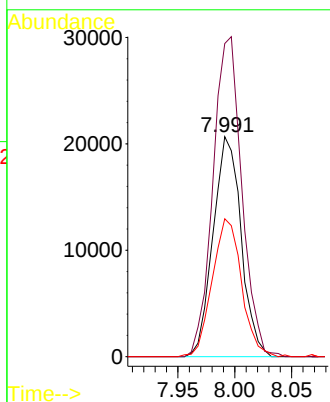
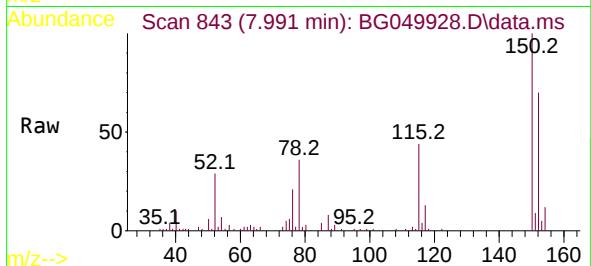




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.991 min Scan# 843
Delta R.T. 0.014 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

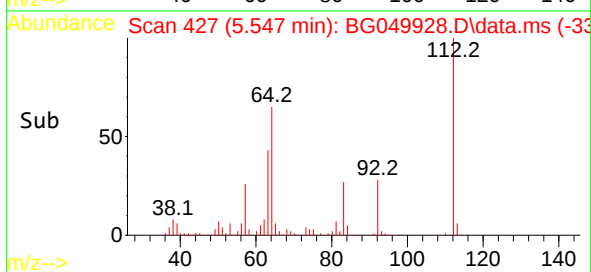
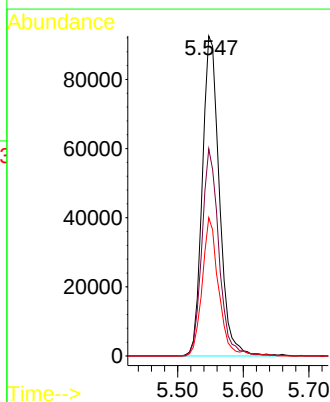
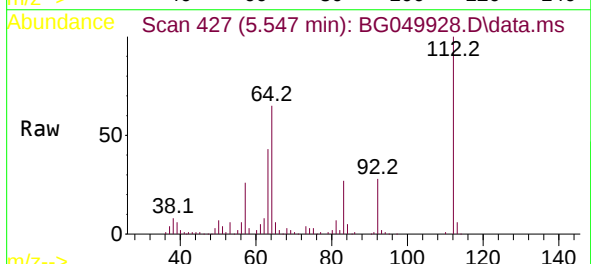
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

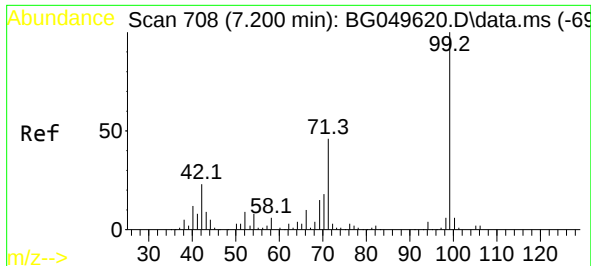
Tgt Ion:152 Resp: 35426
Ion Ratio Lower Upper
152 100
150 142.4 119.4 179.0
115 62.7 60.2 90.4



#5
2-Fluorophenol
Concen: 84.789 ng
RT: 5.547 min Scan# 427
Delta R.T. 0.020 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion:112 Resp: 167562
Ion Ratio Lower Upper
112 100
64 64.8 46.7 70.1
63 43.2 35.3 52.9

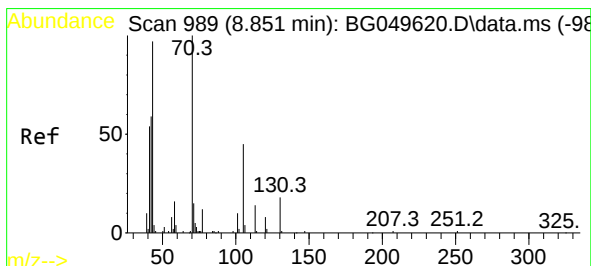
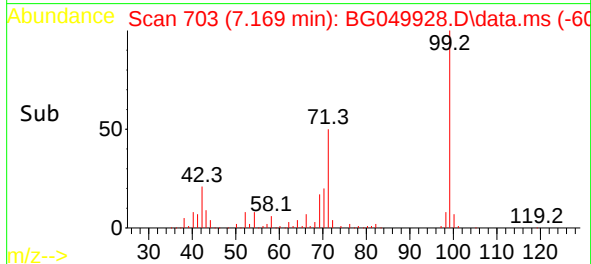
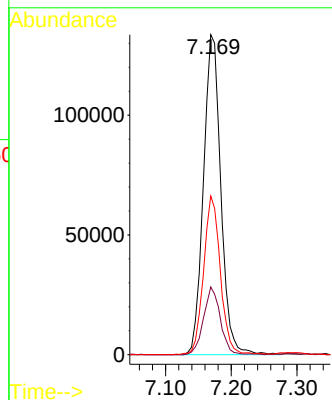
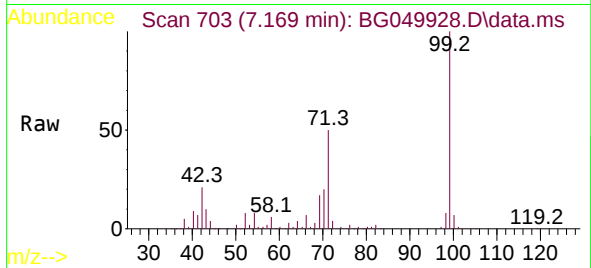




#7
Phenol-d6
Concen: 82.540 ng
RT: 7.169 min Scan# 703
Delta R.T. 0.026 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

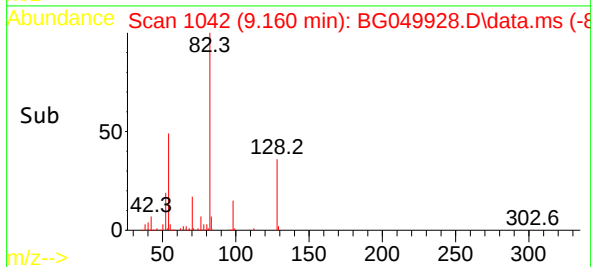
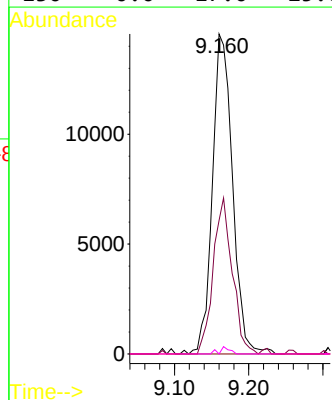
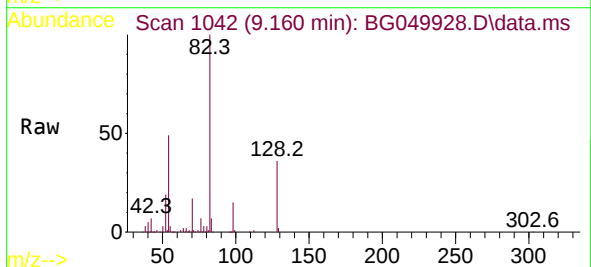
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

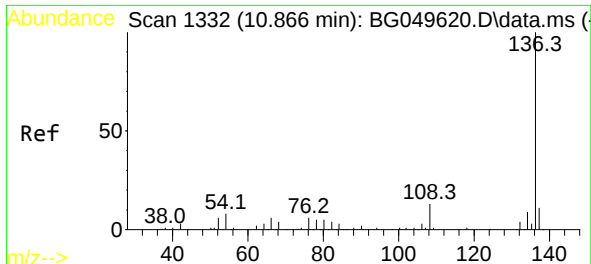
Tgt Ion: 99 Resp: 246918
Ion Ratio Lower Upper
99 100
42 21.2 20.5 30.7
71 49.6 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.727 ng
RT: 9.160 min Scan# 1042
Delta R.T. 0.372 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

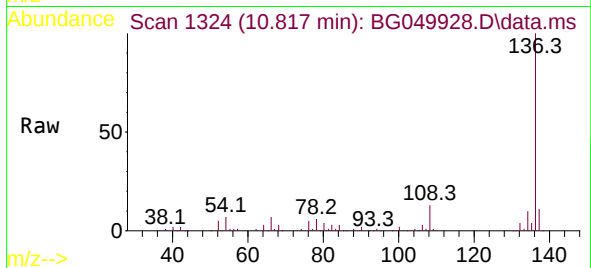
Tgt Ion: 70 Resp: 27480
Ion Ratio Lower Upper
70 100
42 41.7 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#



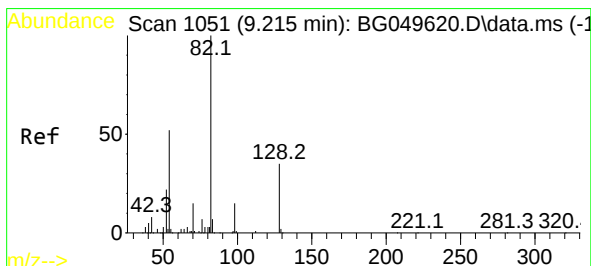
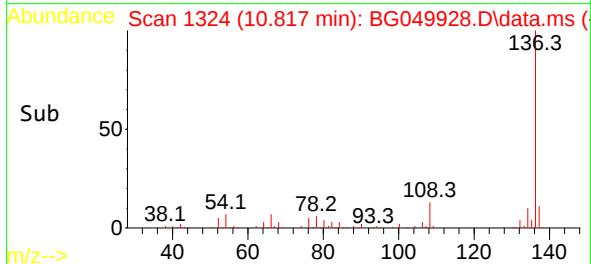
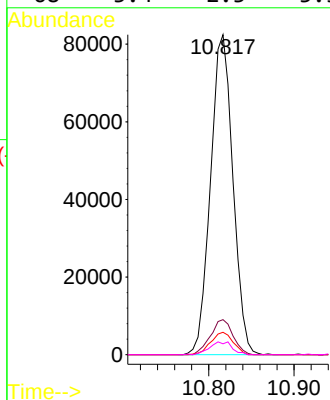


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.817 min Scan# 1324
Delta R.T. 0.020 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

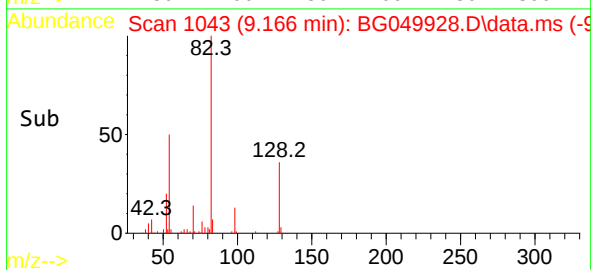
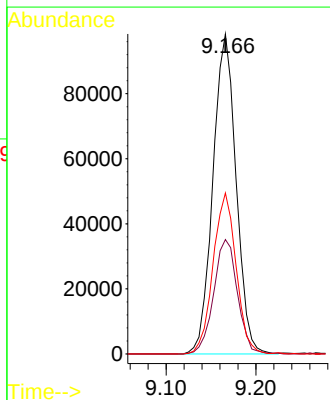
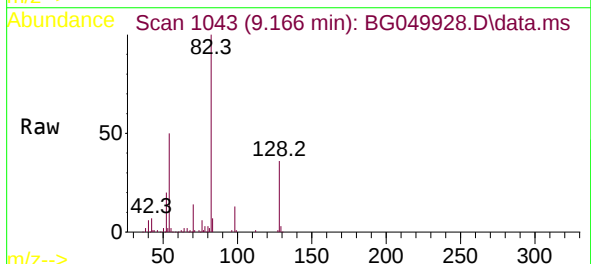


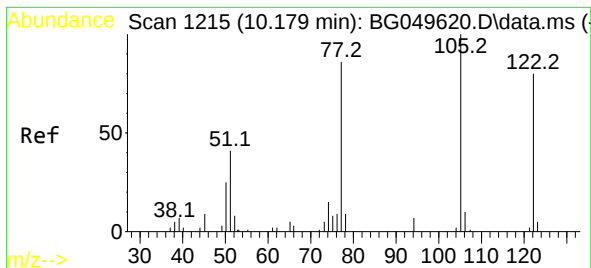
Tgt Ion:	136	Resp:	150141
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.2
54	7.0	5.5	8.3
68	3.4	2.3	3.5



#23
Nitrobenzene-d5
Concen: 51.907 ng
RT: 9.166 min Scan# 1043
Delta R.T. 0.014 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion:	82	Resp:	176117
Ion Ratio	Lower	Upper	
82	100		
128	35.7	29.8	44.6
54	50.3	45.8	68.8

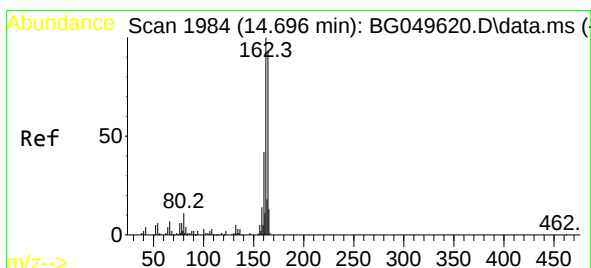
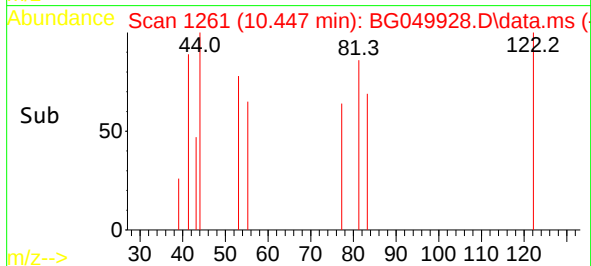
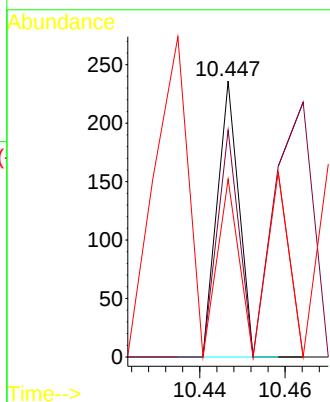
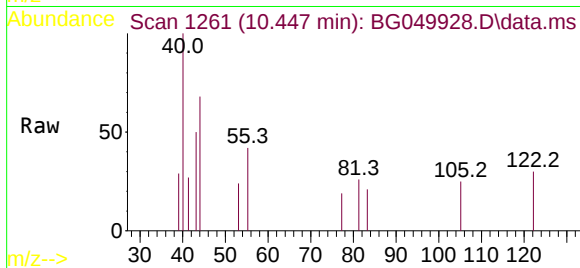




#32
Benzoic acid
Concen: 4.999 ng
RT: 10.447 min Scan# 1261
Delta R.T. 0.325 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

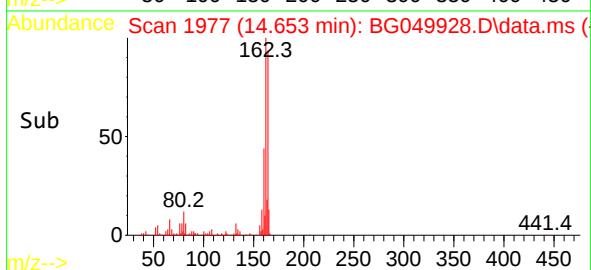
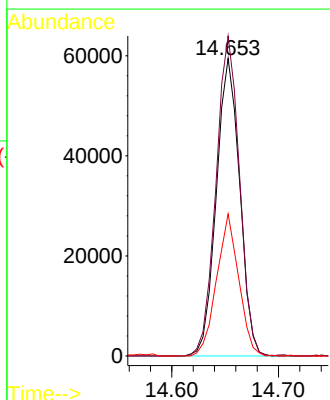
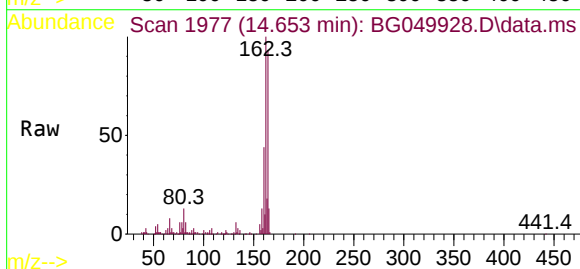
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

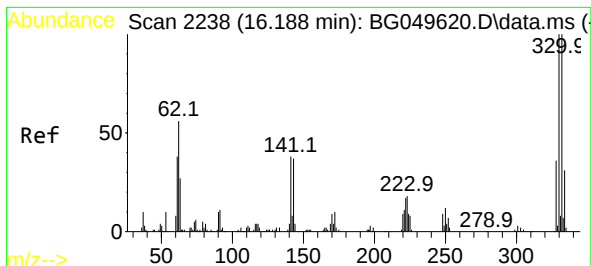
Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 82.2 92.3 132.3#
77 64.4 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.653 min Scan# 1977
Delta R.T. 0.014 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

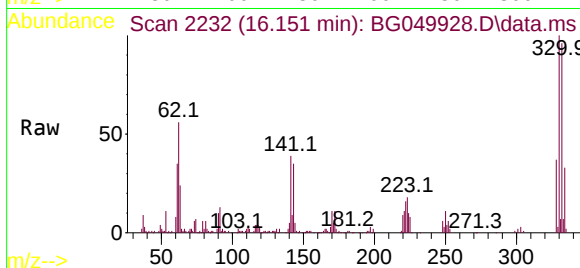
Tgt Ion:164 Resp: 90337
Ion Ratio Lower Upper
164 100
162 107.5 81.4 122.0
160 47.8 34.9 52.3



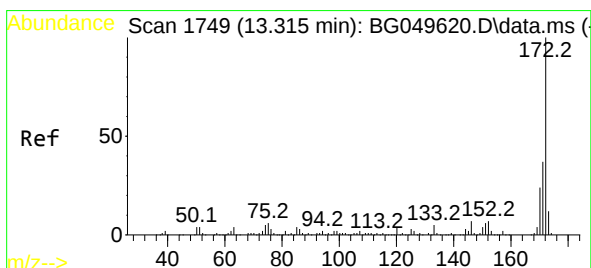
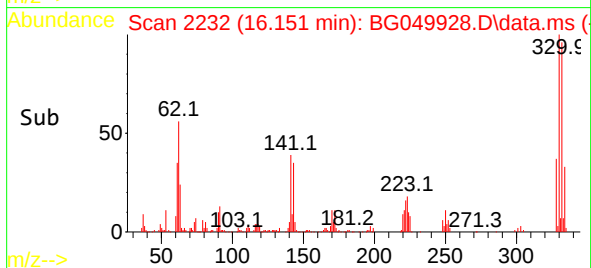
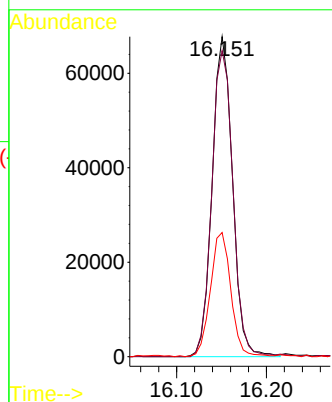


#42
2,4,6-Tribromophenol
Concen: 80.345 ng
RT: 16.151 min Scan# 2232
Delta R.T. 0.020 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

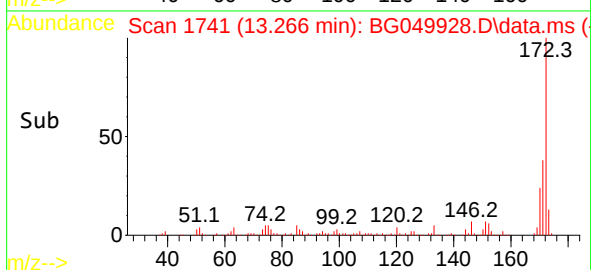
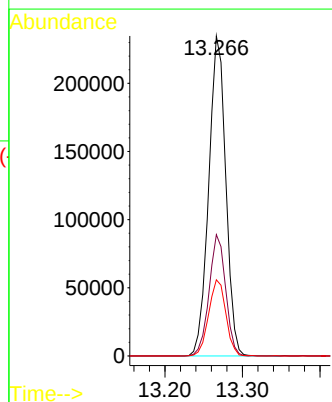
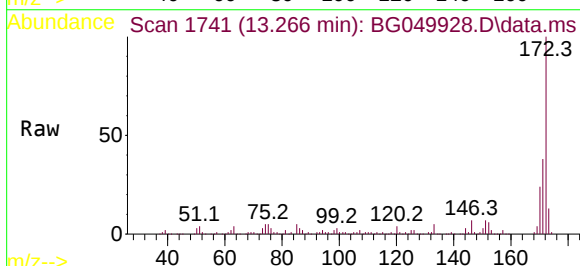


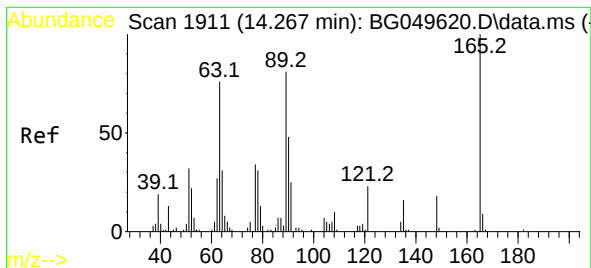
Tgt Ion:330 Resp: 106685
Ion Ratio Lower Upper
330 100
332 99.1 77.3 115.9
141 39.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 57.709 ng
RT: 13.266 min Scan# 1741
Delta R.T. 0.014 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion:172 Resp: 358280
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 23.8 18.6 27.8

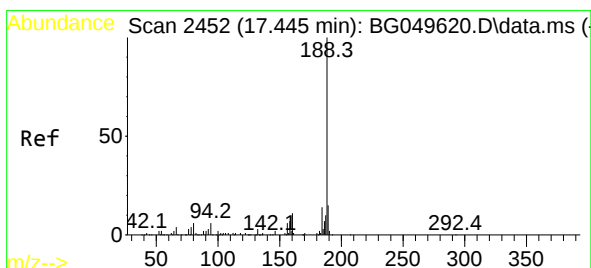
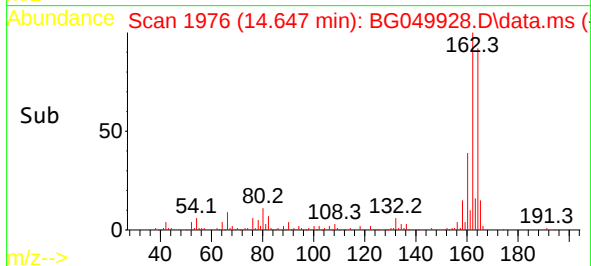
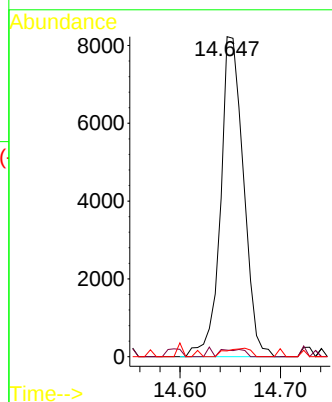
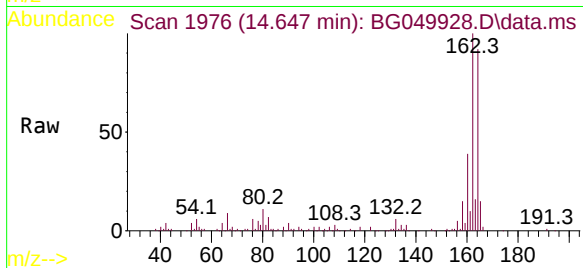




#51
2,6-Dinitrotoluene
Concen: 8.699 ng
RT: 14.647 min Scan# 1976
Delta R.T. 0.437 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

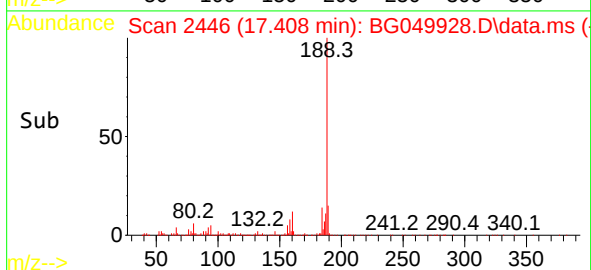
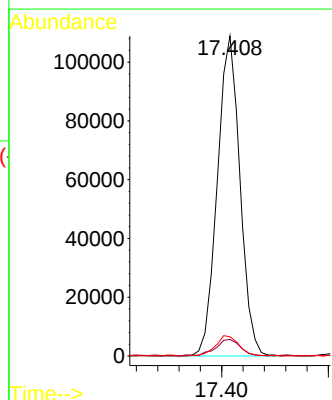
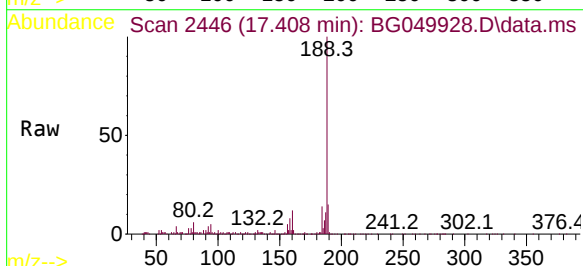
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

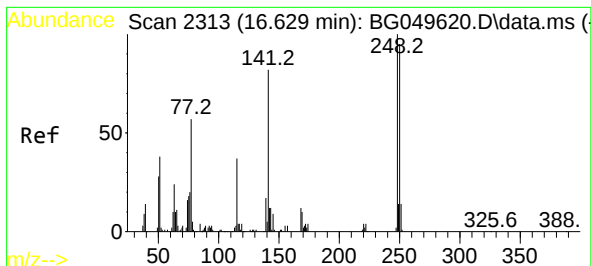
Tgt Ion:165 Resp: 13054
Ion Ratio Lower Upper
165 100
63 2.1 63.3 94.9#
89 1.8 63.4 95.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.408 min Scan# 2446
Delta R.T. 0.020 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion:188 Resp: 160205
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 6.0 3.7 5.5#

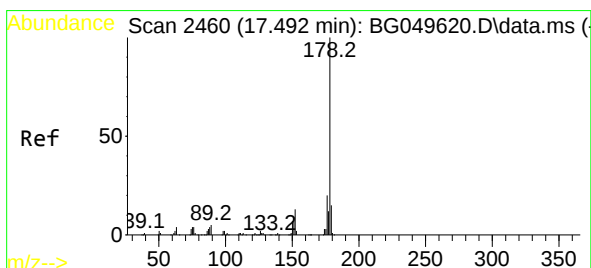
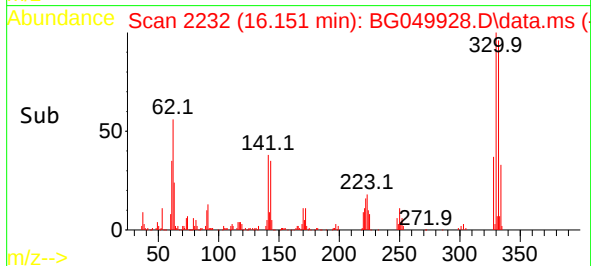
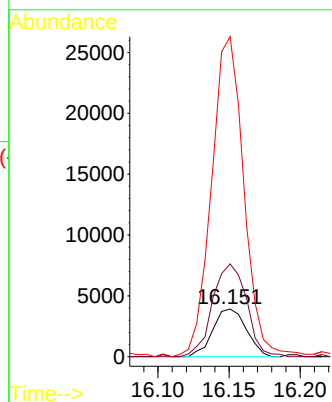
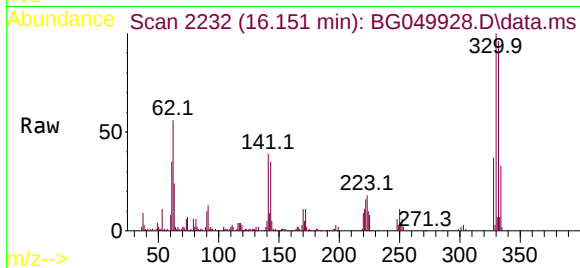




#67
4-Bromophenyl-phenylether
Concen: 3.403 ng
RT: 16.151 min Scan# 2232
Delta R.T. -0.421 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

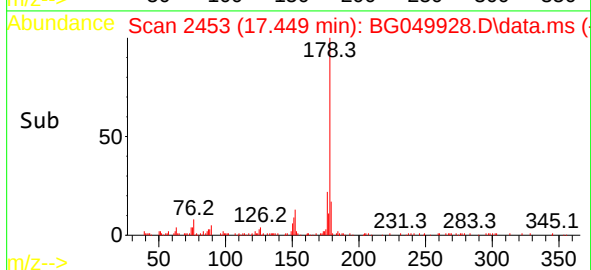
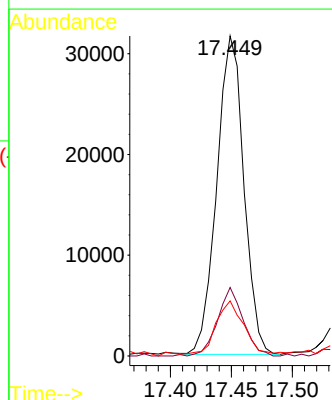
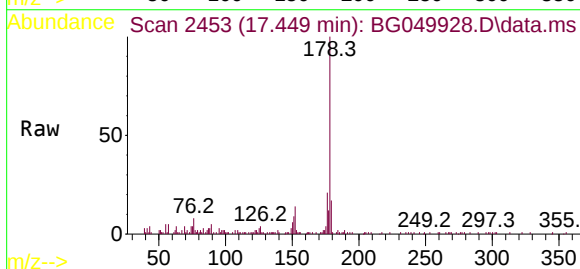
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

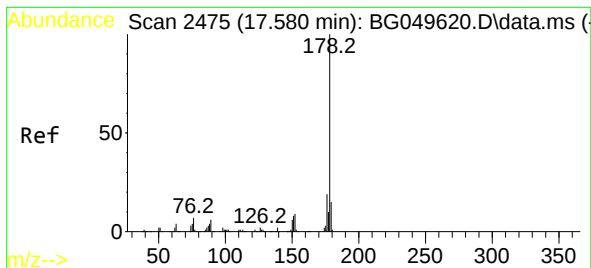
Tgt Ion:248 Resp: 6421
Ion Ratio Lower Upper
248 100
250 194.6 76.1 114.1#
141 671.2 65.4 98.2#



#71
Phenanthrene
Concen: 5.790 ng
RT: 17.449 min Scan# 2453
Delta R.T. 0.020 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion:178 Resp: 48798
Ion Ratio Lower Upper
178 100
176 21.4 16.0 24.0
179 17.2 14.2 21.4

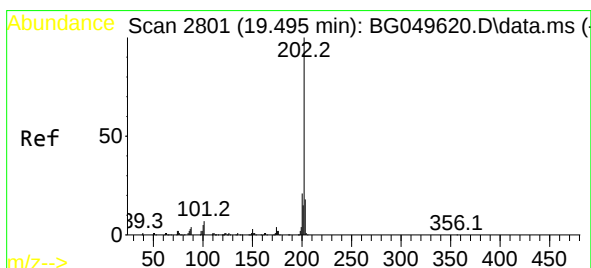
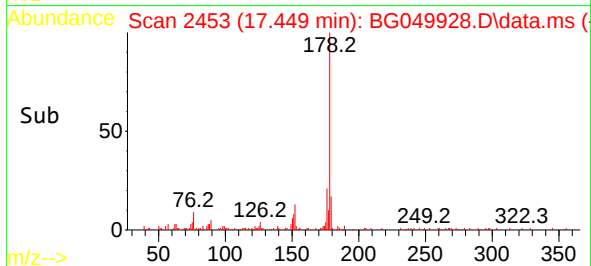
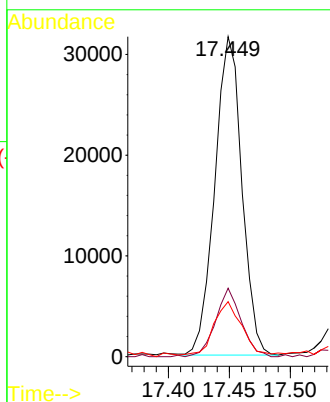
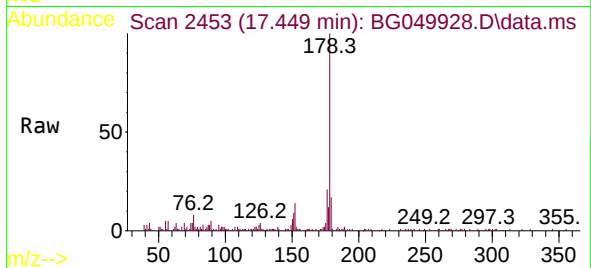




#72
 Anthracene
 Concen: 5.895 ng
 RT: 17.449 min Scan# 2453
 Delta R.T. -0.074 min
 Lab File: BG049928.D
 Acq: 21 Aug 2021 3:40

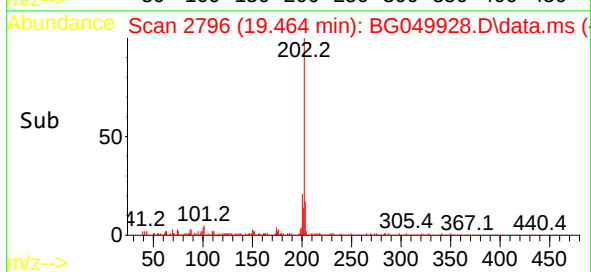
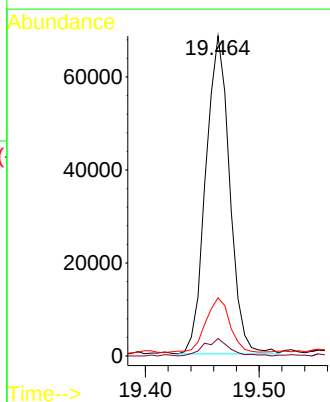
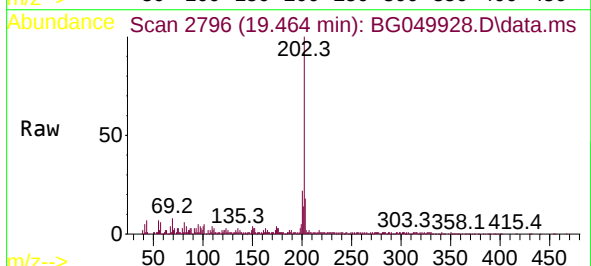
Instrument :
 BNA_G
 ClientSampleId :
 SWCS-09-0205

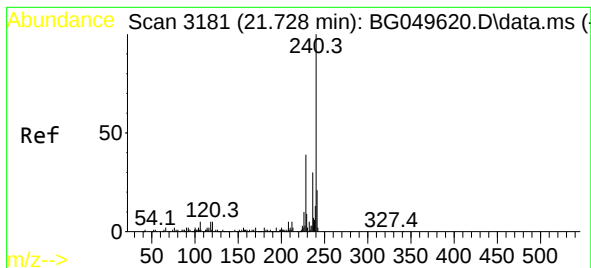
Tgt Ion:178 Resp: 48798
 Ion Ratio Lower Upper
 178 100
 176 21.4 14.6 21.8
 179 17.2 13.4 20.0



#75
 Fluoranthene
 Concen: 9.654 ng
 RT: 19.464 min Scan# 2796
 Delta R.T. 0.020 min
 Lab File: BG049928.D
 Acq: 21 Aug 2021 3:40

Tgt Ion:202 Resp: 100132
 Ion Ratio Lower Upper
 202 100
 101 5.5 0.0 24.7
 203 18.2 0.0 38.5

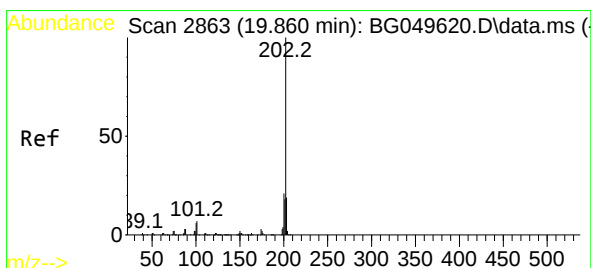
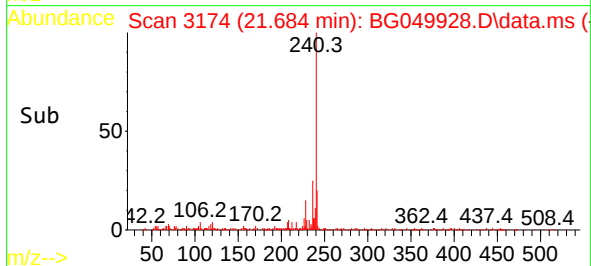
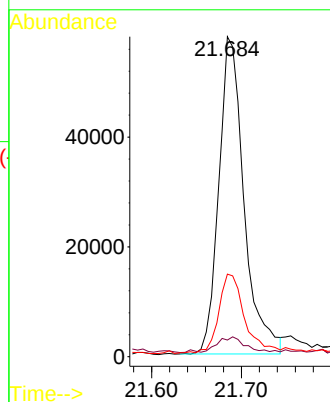
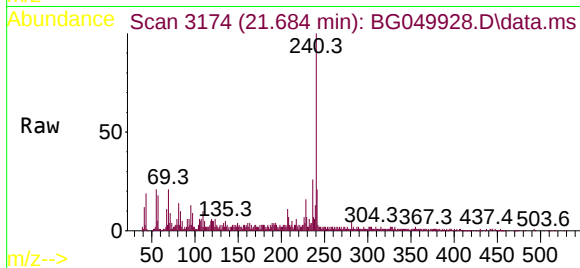




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.684 min Scan# 3174
Delta R.T. 0.026 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

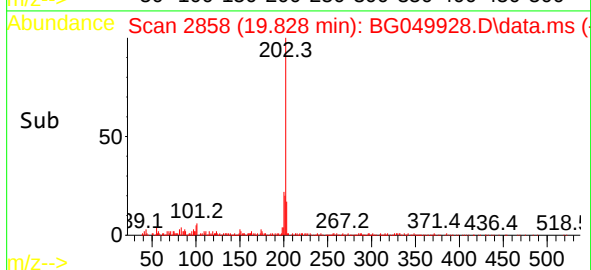
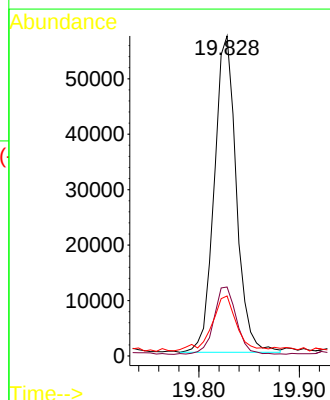
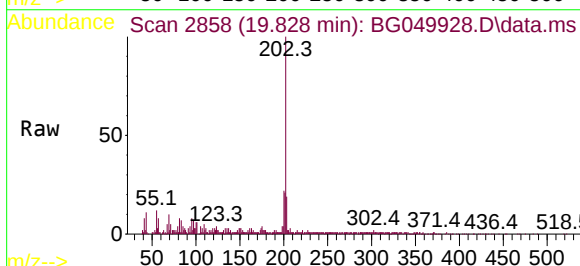
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

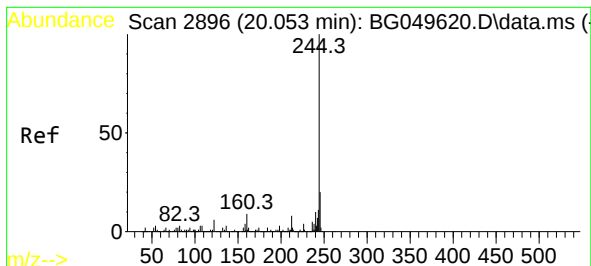
Tgt Ion:240 Resp: 112623
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 25.8 21.8 32.6



#78
Pyrene
Concen: 11.339 ng
RT: 19.828 min Scan# 2858
Delta R.T. 0.026 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion:202 Resp: 87060
Ion Ratio Lower Upper
202 100
200 21.6 15.8 23.8
203 18.7 14.6 21.8

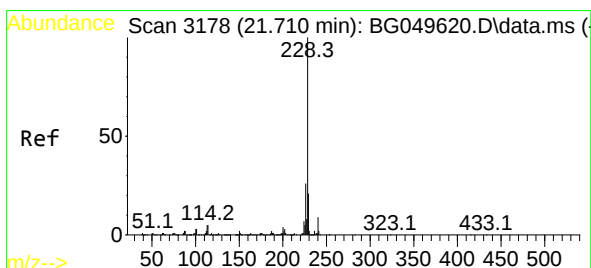
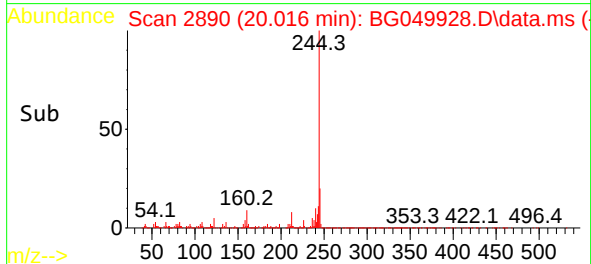
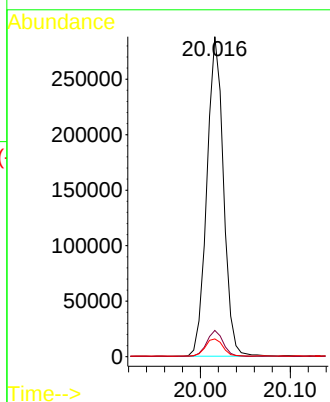
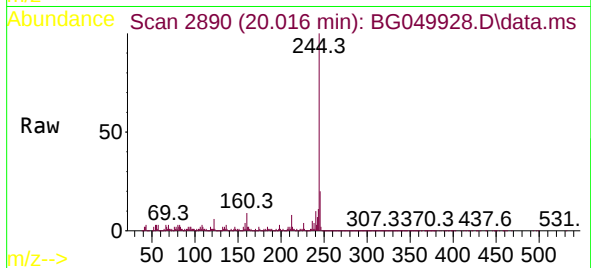




#79
 Terphenyl-d14
 Concen: 59.613 ng
 RT: 20.016 min Scan# 2890
 Delta R.T. 0.020 min
 Lab File: BG049928.D
 Acq: 21 Aug 2021 3:40

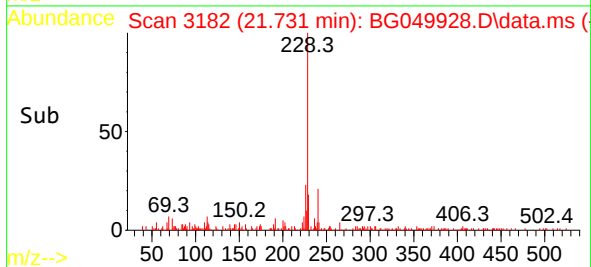
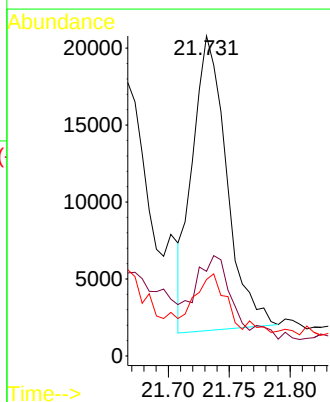
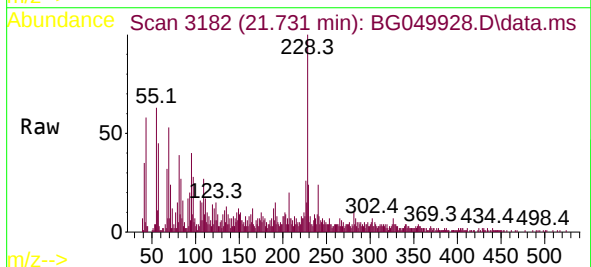
Instrument :
 BNA_G
 ClientSampleId :
 SWCS-09-0205

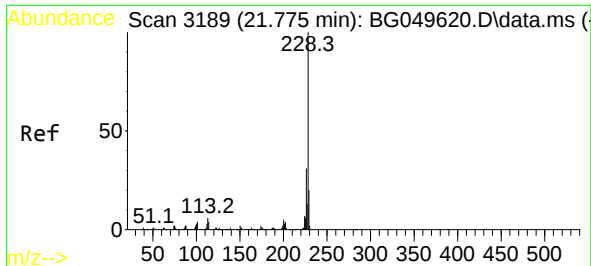
Tgt Ion:244 Resp: 369660
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.9 10.3
 122 5.5 5.0 7.6



#81
 Benzo(a)anthracene
 Concen: 5.090 ng
 RT: 21.731 min Scan# 3182
 Delta R.T. 0.090 min
 Lab File: BG049928.D
 Acq: 21 Aug 2021 3:40

Tgt Ion:228 Resp: 37332
 Ion Ratio Lower Upper
 228 100
 226 26.5 22.7 34.1
 229 23.9 16.0 24.0

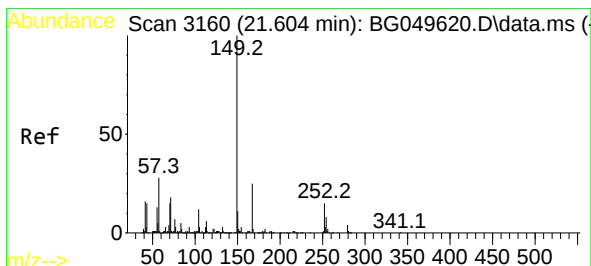
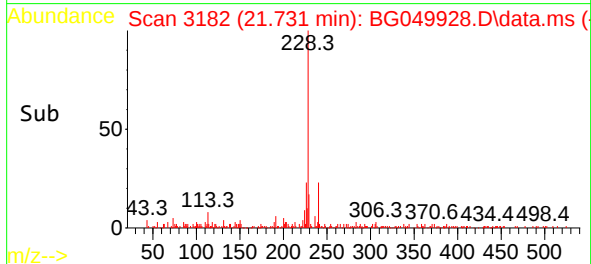
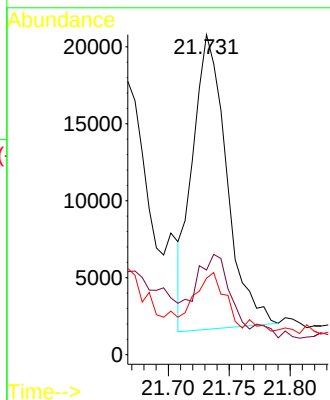
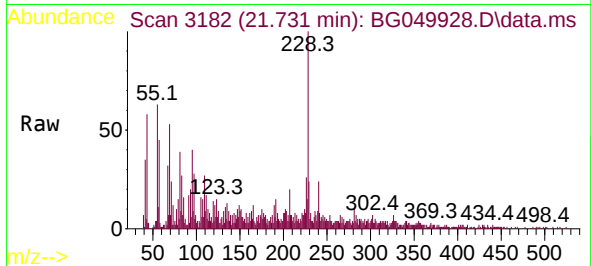




#83
Chrysene
Concen: 5.325 ng
RT: 21.731 min Scan# 3182
Delta R.T. 0.026 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

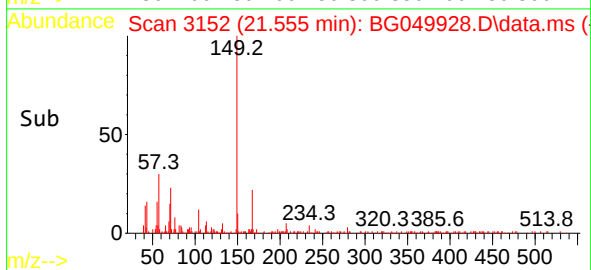
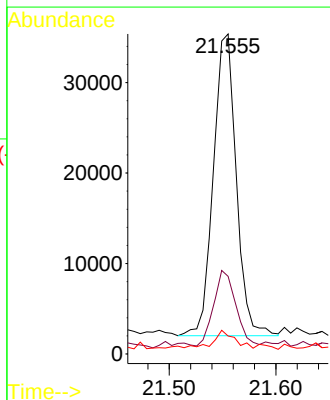
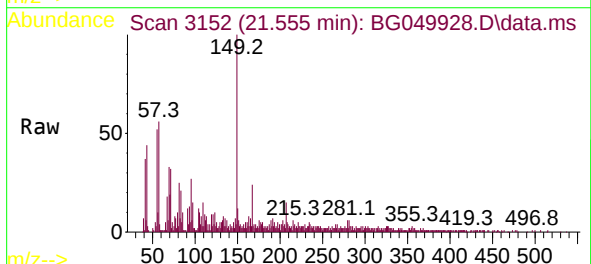
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

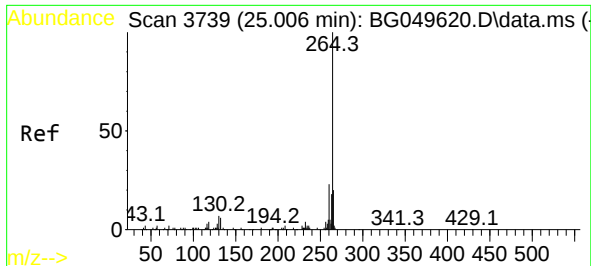
Tgt Ion:228 Resp: 37332
Ion Ratio Lower Upper
228 100
226 26.5 23.1 34.7
229 23.9 15.3 22.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 12.009 ng
RT: 21.555 min Scan# 3152
Delta R.T. 0.026 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion:149 Resp: 49706
Ion Ratio Lower Upper
149 100
167 24.3 22.3 33.5
279 5.6 3.8 5.8

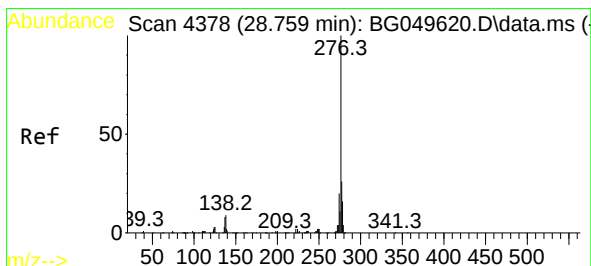
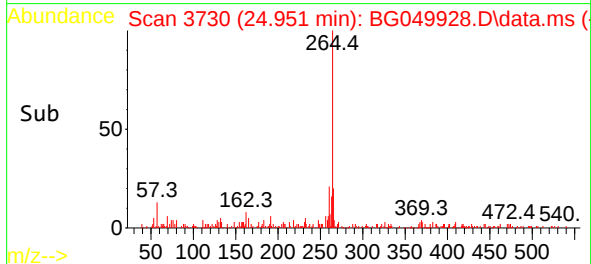
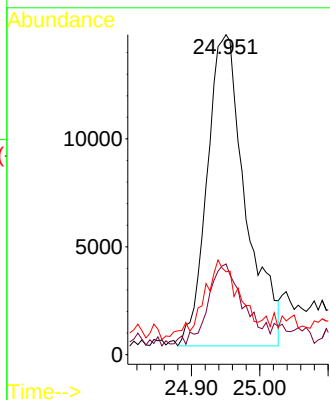
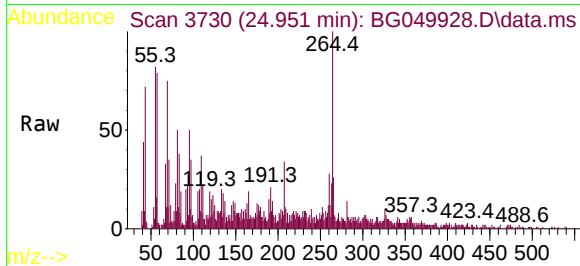




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.951 min Scan# 3730
Delta R.T. 0.067 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

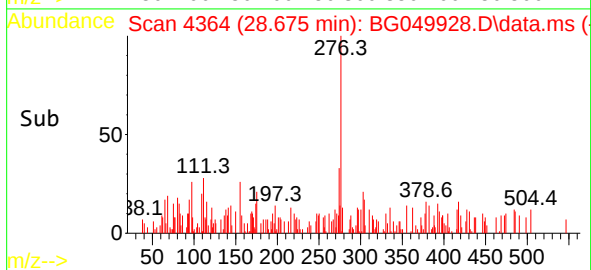
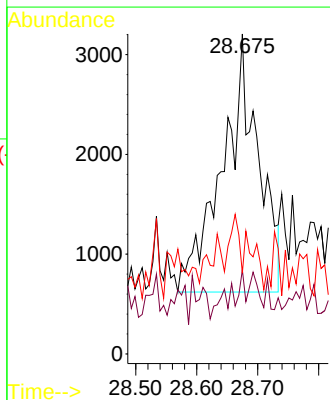
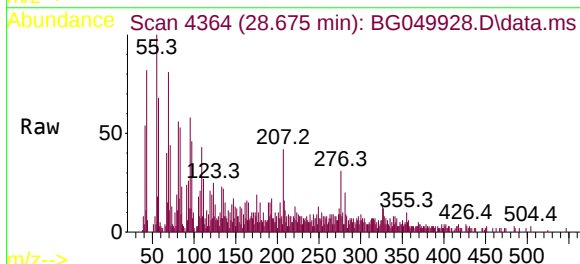
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

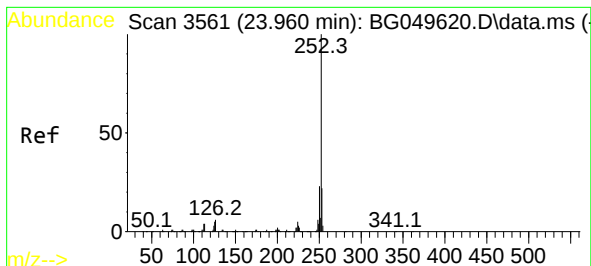
Tgt Ion:	264	Resp:	56421
Ion Ratio	Lower	Upper	
264	100		
260	28.3	19.4	29.2
265	25.9	16.9	25.3#



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.600 ng
RT: 28.675 min Scan# 4364
Delta R.T. 0.096 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion:	276	Resp:	10580
Ion Ratio	Lower	Upper	
276	100		
138	2.6	5.1	7.7#
277	5.5	19.8	29.6#

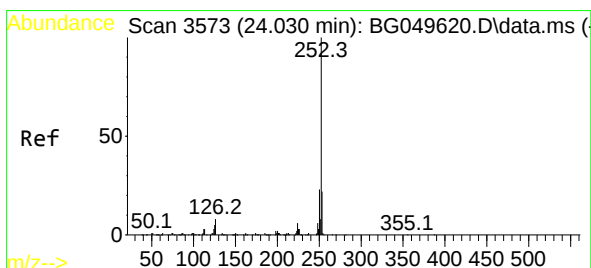
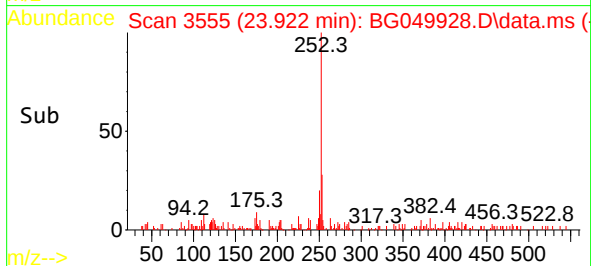
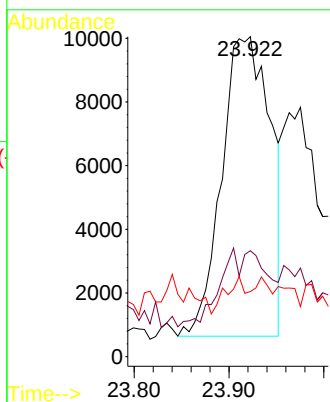
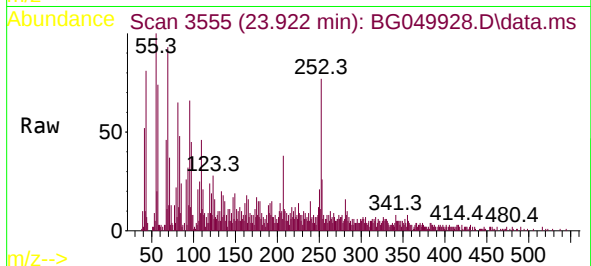




#88
Benzo(b)fluoranthene
Concen: 9.073 ng
RT: 23.922 min Scan# 3555
Delta R.T. 0.061 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

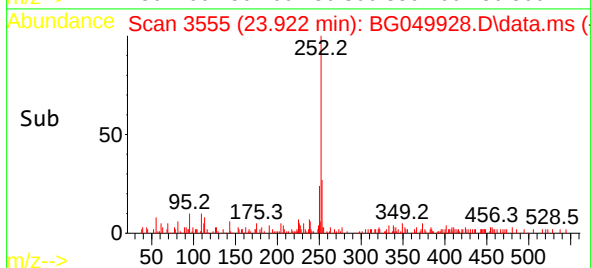
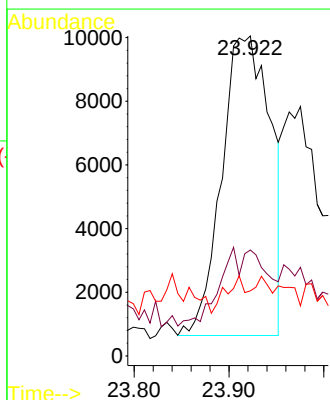
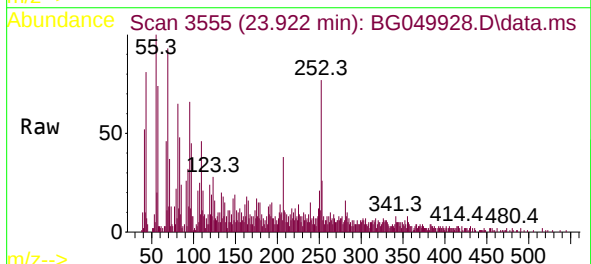
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0205

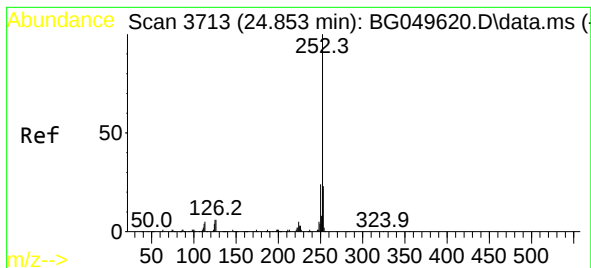
Tgt Ion:252 Resp: 33572
Ion Ratio Lower Upper
252 100
253 33.1 16.2 24.4#
125 20.3 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 9.726 ng
RT: 23.922 min Scan# 3555
Delta R.T. -0.004 min
Lab File: BG049928.D
Acq: 21 Aug 2021 3:40

Tgt Ion:252 Resp: 33572
Ion Ratio Lower Upper
252 100
253 33.1 18.0 27.0#
125 20.3 3.1 4.7#





#90
 Benzo(a)pyrene
 Concen: 4.970 ng
 RT: 24.786 min Scan# 3702
 Delta R.T. 0.049 min
 Lab File: BG049928.D
 Acq: 21 Aug 2021 3:40

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-09-0205

Tgt Ion:252 Resp: 16643
 Ion Ratio Lower Upper
 252 100
 253 29.4 16.6 25.0#
 125 39.2 3.5 5.3#

