

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
 Data File : BG049958.D
 Acq On : 24 Aug 2021 18:49
 Operator : CG/JU
 Sample : M3463-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-16-0002

Quant Time: Aug 25 01:08:19 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 23 16:13:24 2021
 Response via : Initial Calibration

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

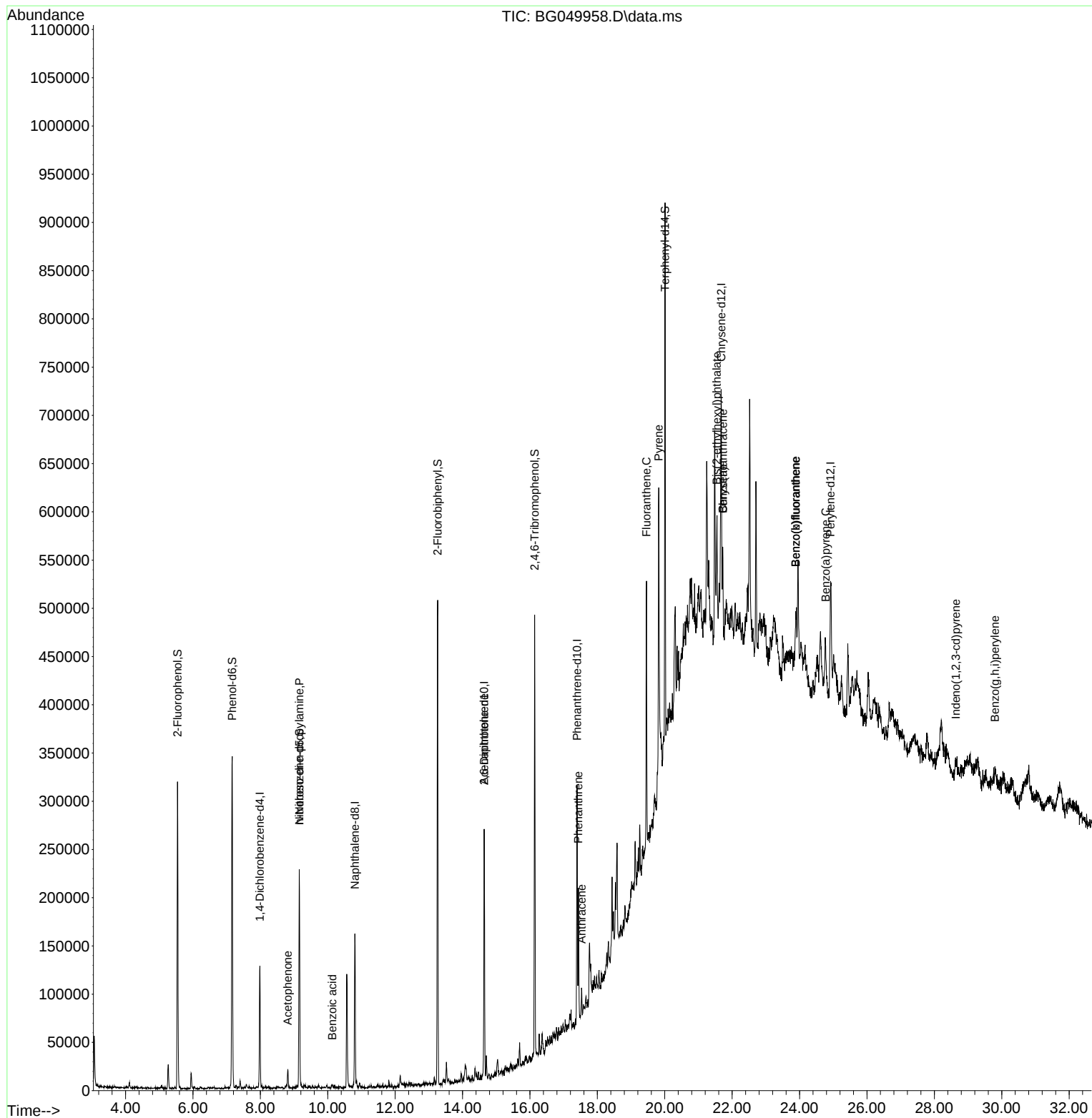
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.985	152	33734	20.000	ng	0.00
21) Naphthalene-d8	10.805	136	136975	20.000	ng	# 0.00
39) Acenaphthene-d10	14.641	164	85919	20.000	ng	0.00
64) Phenanthrene-d10	17.396	188	144556	20.000	ng	# 0.00
76) Chrysene-d12	21.679	240	127176	20.000	ng	0.00
86) Perylene-d12	24.921	264	138221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.542	112	135666	72.092	ng	0.00
7) Phenol-d6	7.157	99	193305	67.859	ng	0.00
23) Nitrobenzene-d5	9.154	82	136707	44.165	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	85672	67.838	ng	0.00
45) 2-Fluorobiphenyl	13.261	172	258052	43.702	ng	0.00
79) Terphenyl-d14	20.010	244	257088	36.715	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.154	70	20697	10.857	ng	# 67
22) Acetophenone	8.814	105	10044	2.699	ng	# 89
32) Benzoic acid	10.135	122	311	5.161	ng	94
51) 2,6-Dinitrotoluene	14.641	165	11405	7.991	ng	# 12
71) Phenanthrene	17.437	178	83179	10.937	ng	98
72) Anthracene	17.531	178	17552	2.350	ng	97
75) Fluoranthene	19.458	202	176343	18.843	ng	100
78) Pyrene	19.816	202	144243	16.637	ng	97
81) Benzo(a)anthracene	21.726	228	66271	8.002	ng	94
83) Chrysene	21.726	228	66271	8.371	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.543	149	20468	4.379	ng	# 91
87) Indeno(1,2,3-cd)pyrene	28.634	276	34974	3.509	ng	# 66
88) Benzo(b)fluoranthene	23.887	252	93369	10.300	ng	# 84
89) Benzo(k)fluoranthene	23.887	252	93369	11.042	ng	# 88
90) Benzo(a)pyrene	24.774	252	59049	7.198	ng	# 83
92) Benzo(g,h,i)perylene	29.797	276	30996	3.766	ng	# 93

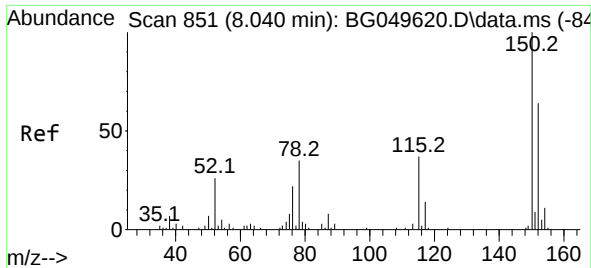
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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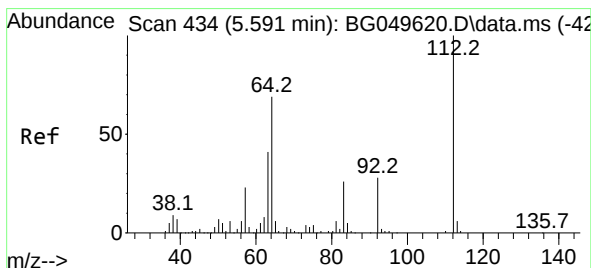
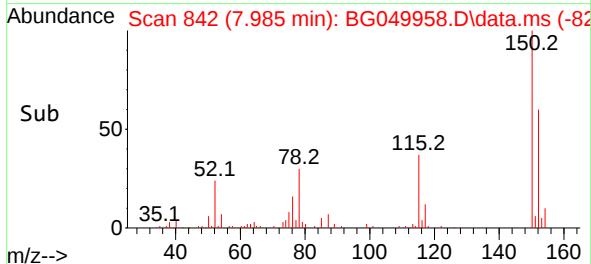
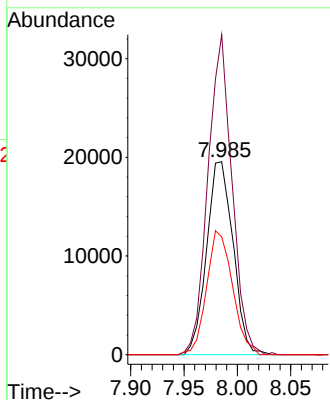
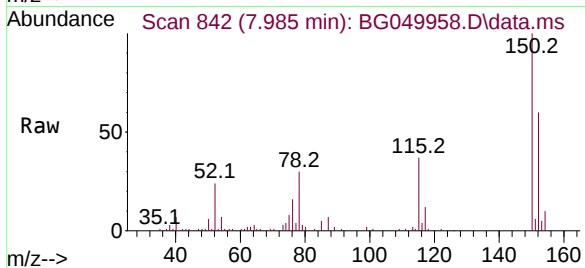




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.985 min Scan# 842
Delta R.T. -0.001 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

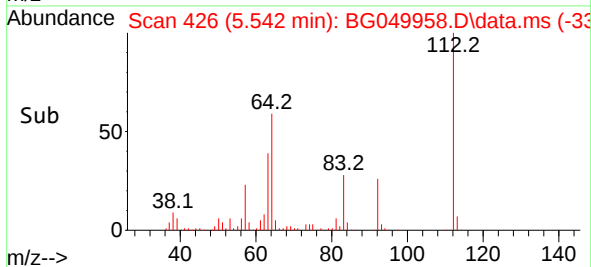
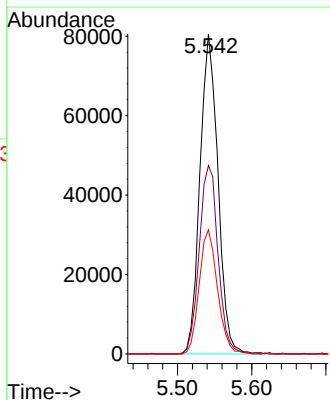
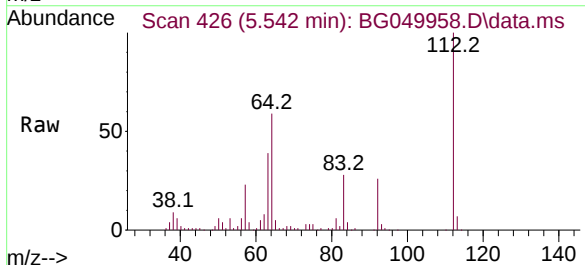
Instrument :
BNA_G
ClientSampleId :
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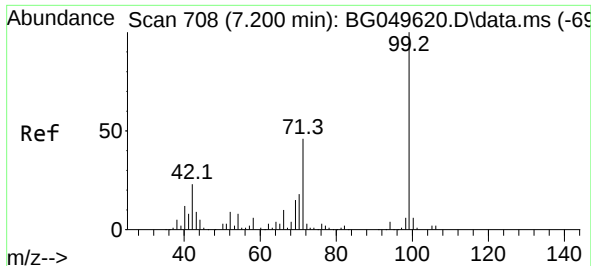
Tgt Ion:152 Resp: 33734
Ion Ratio Lower Upper
152 100
150 165.8 119.4 179.0
115 61.0 60.2 90.4



#5
2-Fluorophenol
Concen: 72.092 ng
RT: 5.542 min Scan# 426
Delta R.T. 0.005 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

Tgt Ion:112 Resp: 135666
Ion Ratio Lower Upper
112 100
64 58.8 46.7 70.1
63 38.8 35.3 52.9

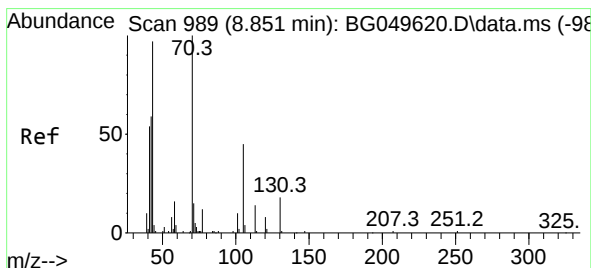
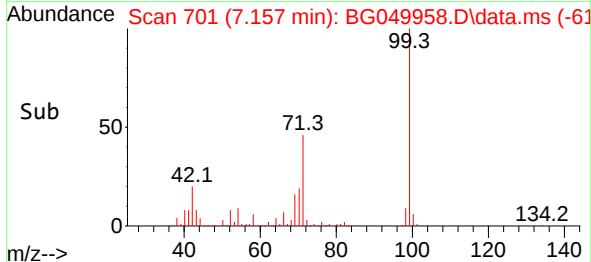
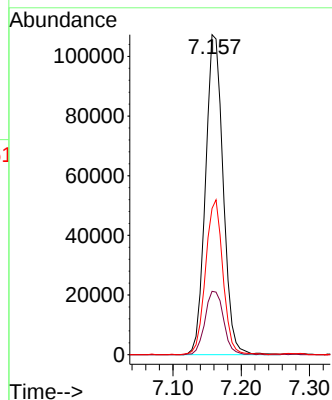
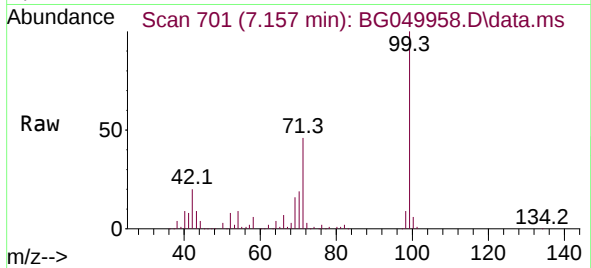




#7
Phenol-d6
Concen: 67.859 ng
RT: 7.157 min Scan# 701
Delta R.T. -0.001 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

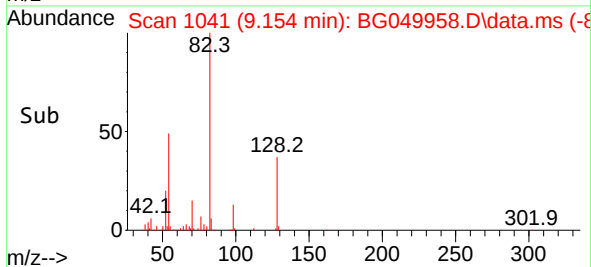
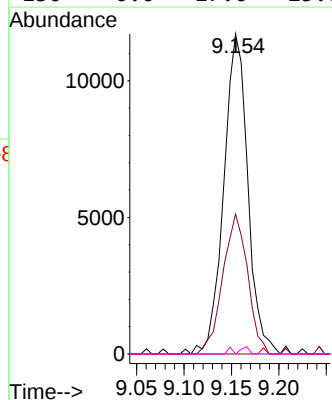
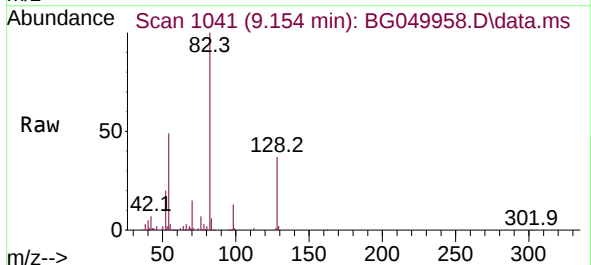
Instrument :
BNA_G
ClientSampleId :
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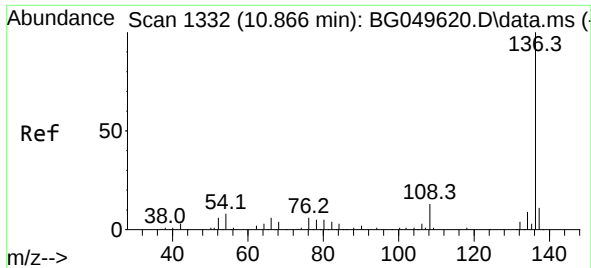
Tgt Ion: 99 Resp: 193305
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 45.7 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.857 ng
RT: 9.154 min Scan# 1041
Delta R.T. 0.358 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

Tgt Ion: 70 Resp: 20697
Ion Ratio Lower Upper
70 100
42 43.7 54.5 81.7#
101 0.0 9.0 13.6#
130 0.0 17.0 25.6#

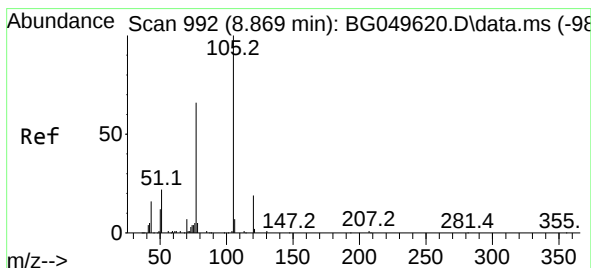
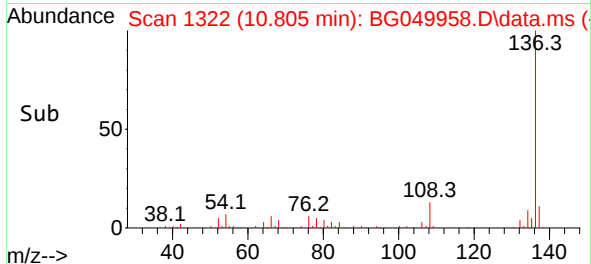
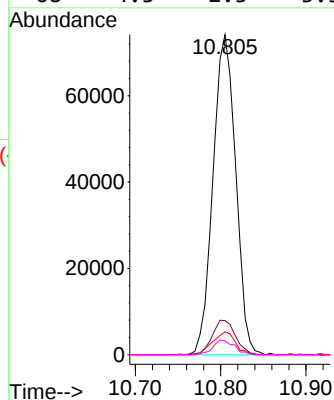
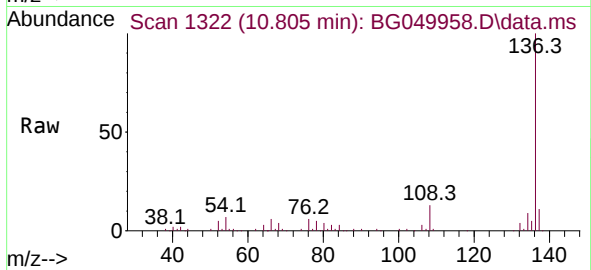




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.805 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

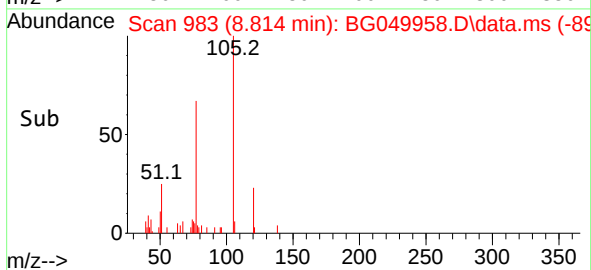
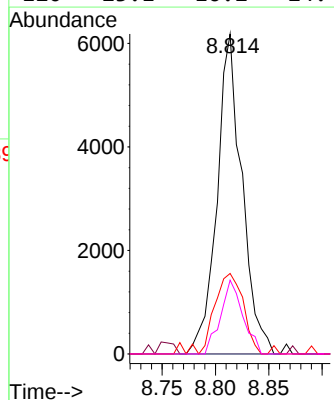
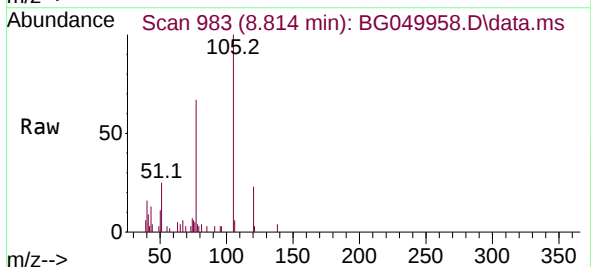
Instrument :
BNA_G
ClientSampleId :
SWCS-16-0002

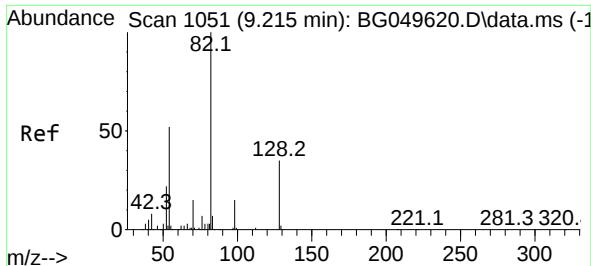
Tgt Ion:136	Resp:	136975
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	7.2	5.5 8.3
68	4.3	2.3 3.5#



#22
Acetophenone
Concen: 2.699 ng
RT: 8.814 min Scan# 983
Delta R.T. -0.006 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

Tgt Ion:105	Resp:	10044
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.6 0.8#
51	25.1	26.6 40.0#
120	23.1	16.2 24.4

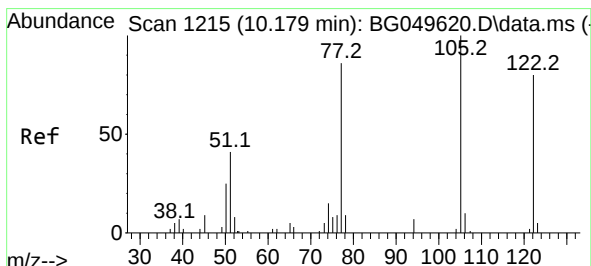
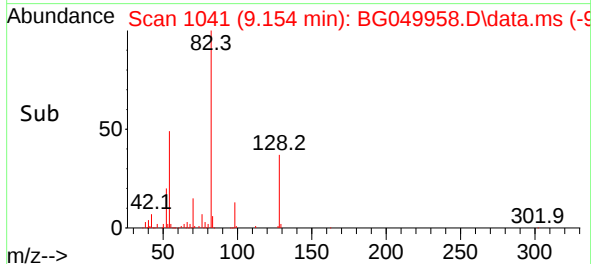
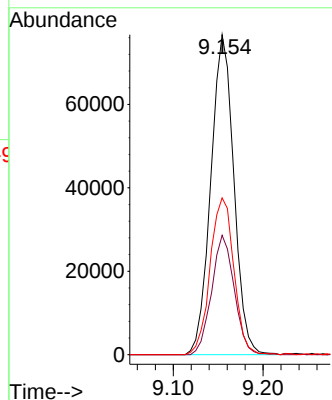
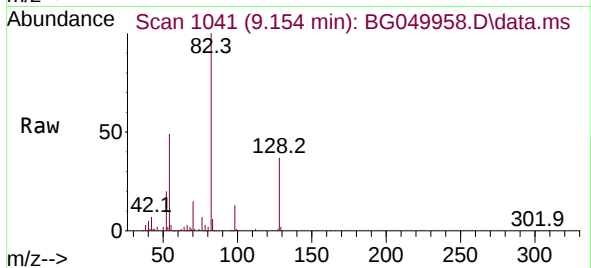




#23
Nitrobenzene-d5
Concen: 44.165 ng
RT: 9.154 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

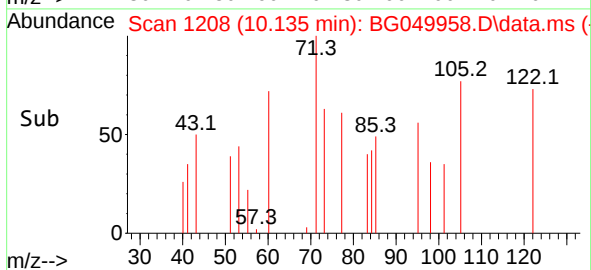
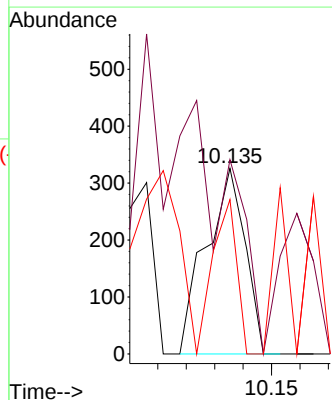
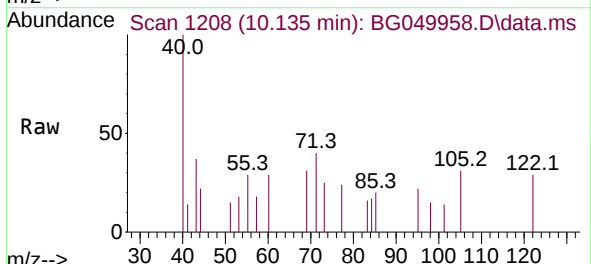
Instrument :
BNA_G
ClientSampleId :
SWCS-16-0002

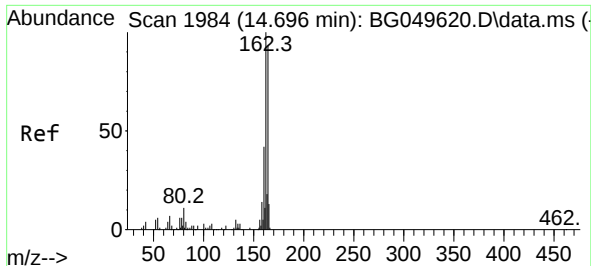
Tgt Ion: 82 Resp: 136707
Ion Ratio Lower Upper
82 100
128 37.3 29.8 44.6
54 49.0 45.8 68.8



#32
Benzoic acid
Concen: 5.161 ng
RT: 10.135 min Scan# 1208
Delta R.T. -0.001 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

Tgt Ion: 122 Resp: 311
Ion Ratio Lower Upper
122 100
105 104.6 92.3 132.3
77 83.1 66.5 106.5

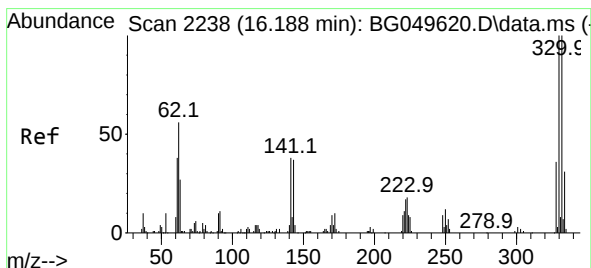
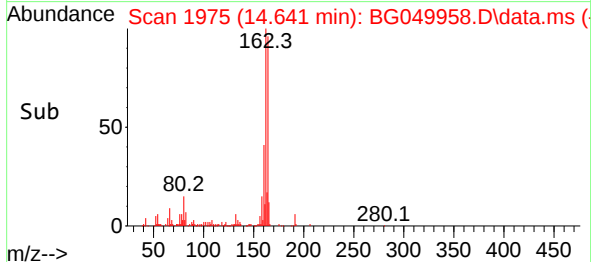
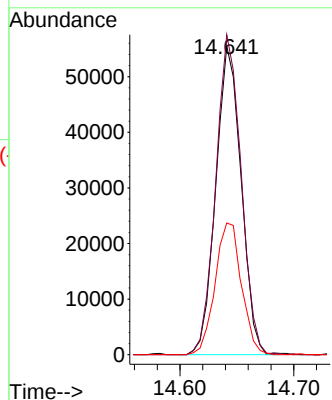
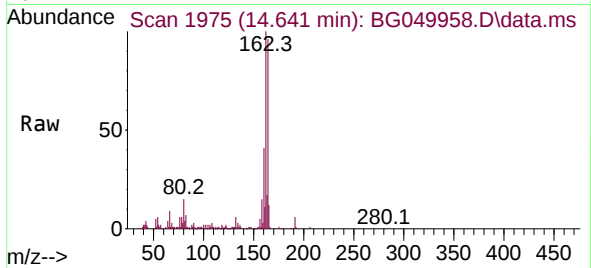




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.641 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

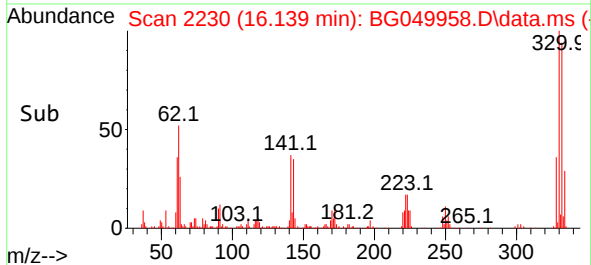
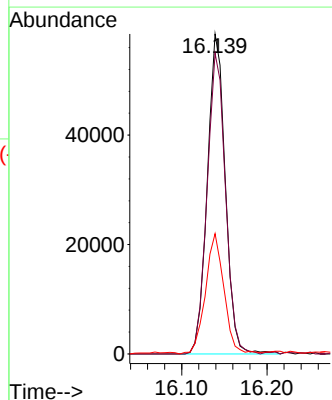
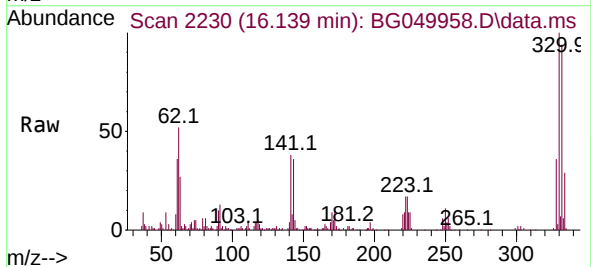
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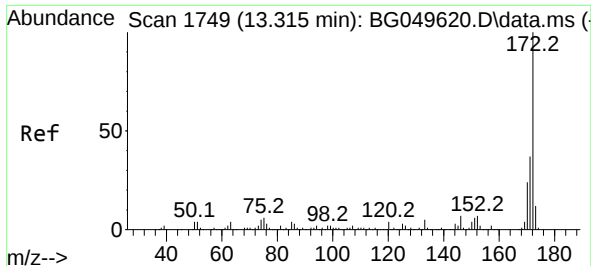
Tgt Ion:164 Resp: 85919
Ion Ratio Lower Upper
164 100
162 103.7 81.4 122.0
160 42.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 67.838 ng
RT: 16.139 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

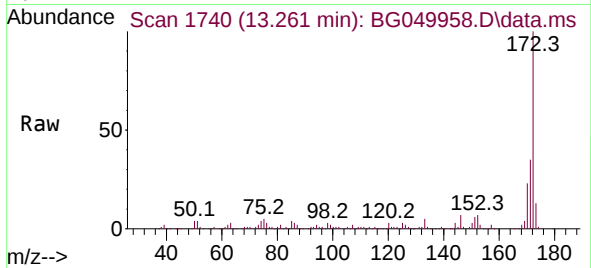
Tgt Ion:330 Resp: 85672
Ion Ratio Lower Upper
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332 95.9 77.3 115.9
141 38.7 35.6 53.4



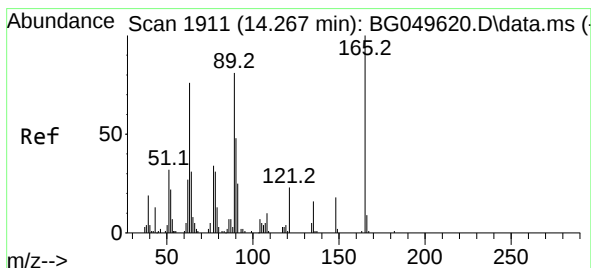
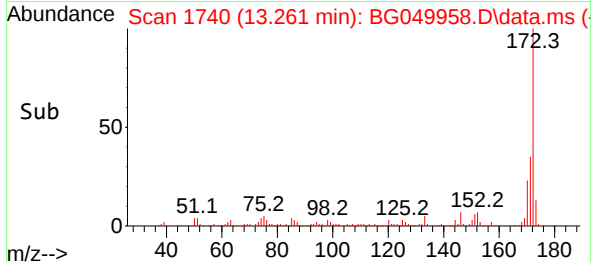
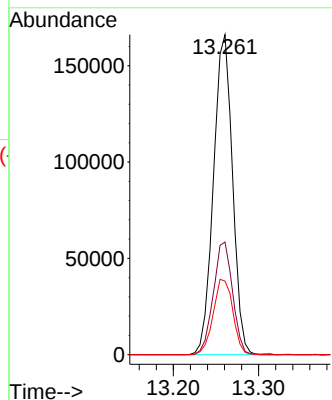


#45
2-Fluorobiphenyl
Concen: 43.702 ng
RT: 13.261 min Scan# 1740
Delta R.T. -0.001 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

Instrument :
BNA_G
ClientSampleId :
SWCS-16-0002

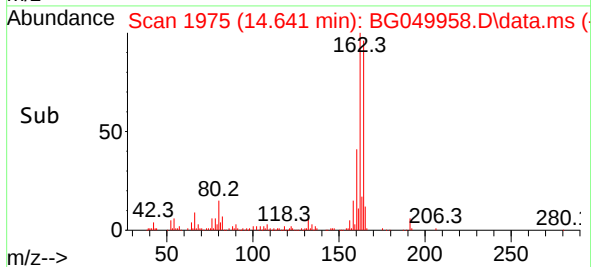
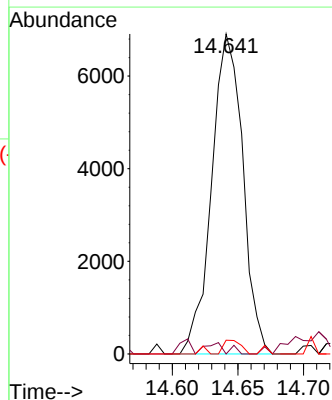
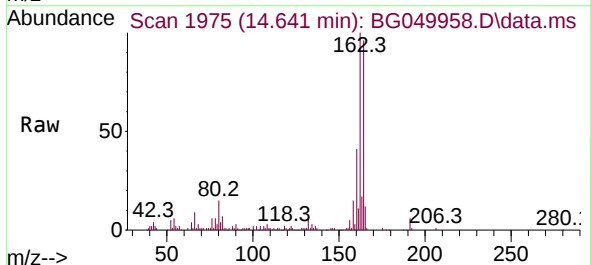


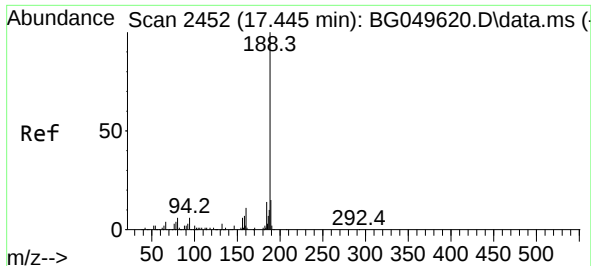
Tgt Ion:172 Resp: 258052
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.991 ng
RT: 14.641 min Scan# 1975
Delta R.T. 0.416 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

Tgt Ion:165 Resp: 11405
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 4.3 63.4 95.0#

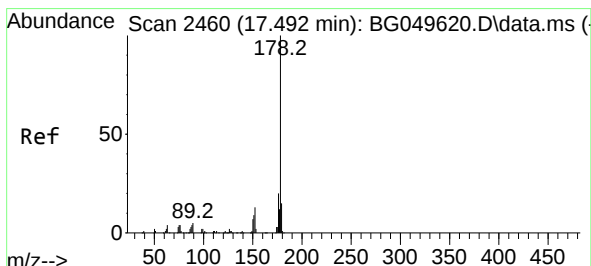
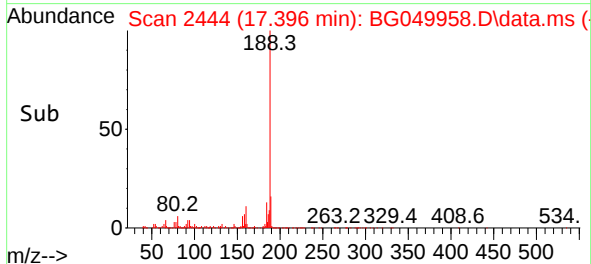
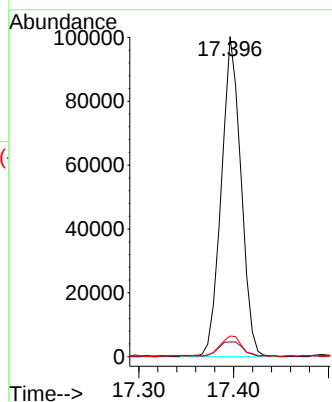
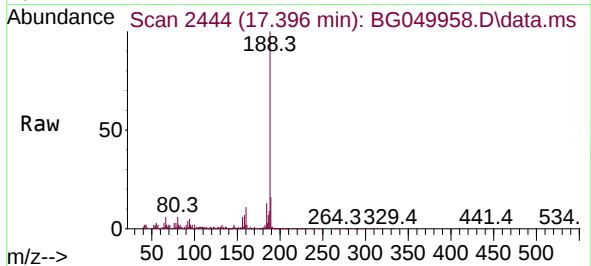




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.396 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

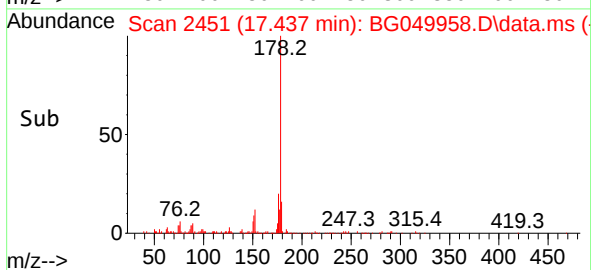
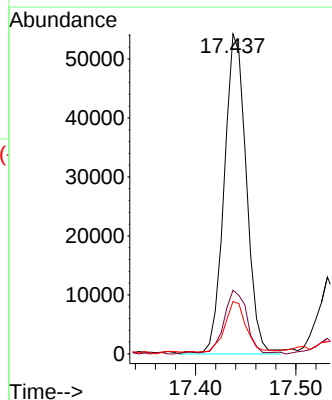
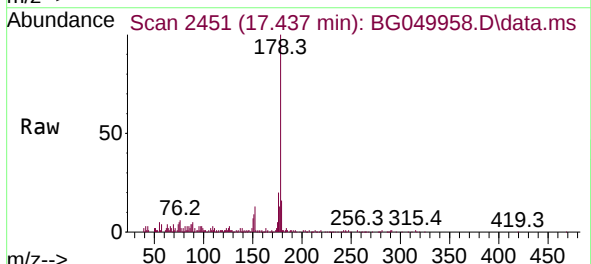
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SWCS-16-0002

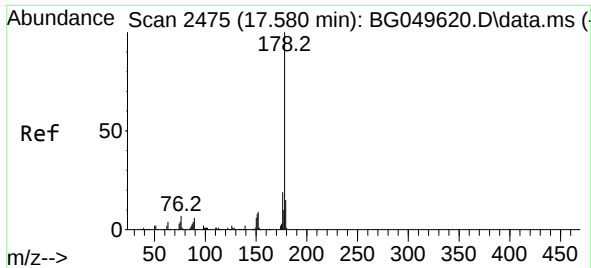
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Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 6.5 3.7 5.5#



#71
Phenanthrene
Concen: 10.937 ng
RT: 17.437 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

Tgt Ion:178 Resp: 83179
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.4 14.2 21.4

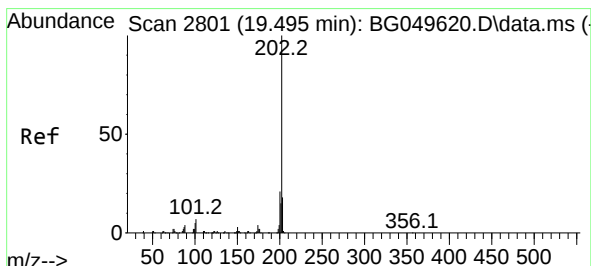
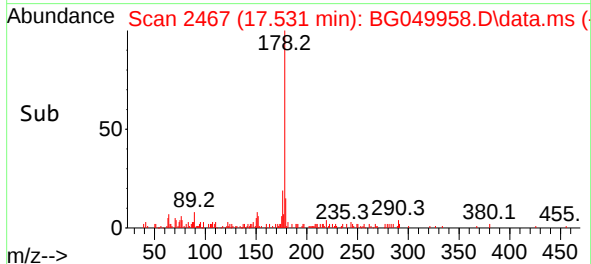
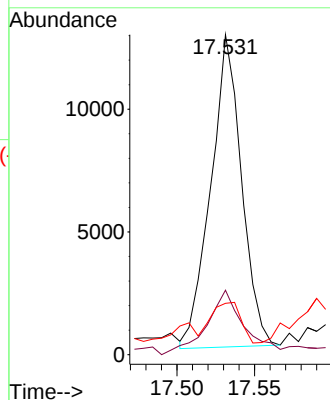
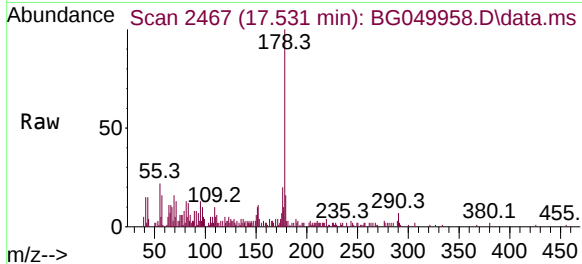




#72
 Anthracene
 Concen: 2.350 ng
 RT: 17.531 min Scan# 2467
 Delta R.T. -0.006 min
 Lab File: BG049958.D
 Acq: 24 Aug 2021 18:49

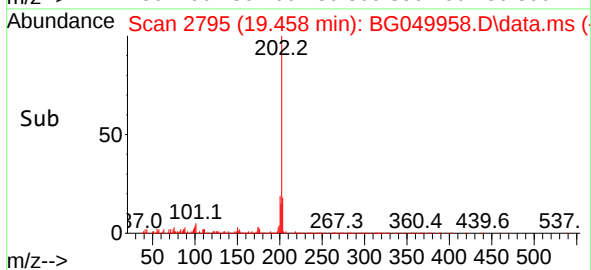
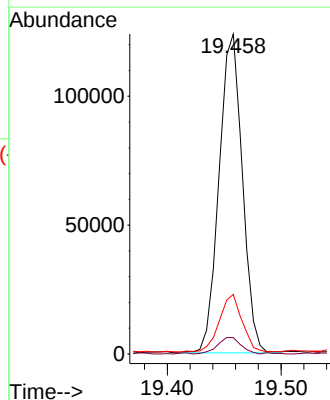
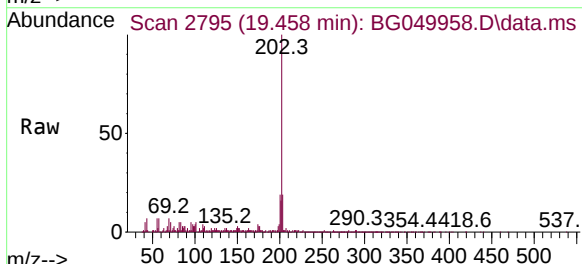
Instrument :
 BNA_G
 ClientSampleId :
 SWCS-16-0002

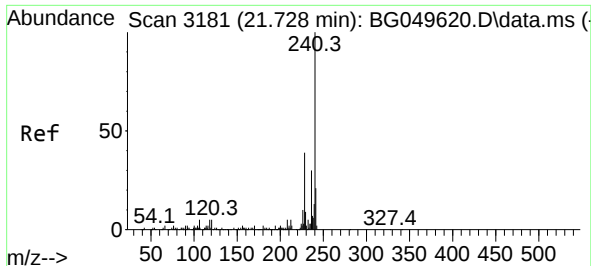
Tgt Ion:178	Resp:	17552
Ion Ratio	Lower	Upper
178	100	
176	20.1	14.6 21.8
179	16.1	13.4 20.0



#75
 Fluoranthene
 Concen: 18.843 ng
 RT: 19.458 min Scan# 2795
 Delta R.T. -0.001 min
 Lab File: BG049958.D
 Acq: 24 Aug 2021 18:49

Tgt Ion:202	Resp:	176343
Ion Ratio	Lower	Upper
202	100	
101	5.1	0.0 24.7
203	18.6	0.0 38.5

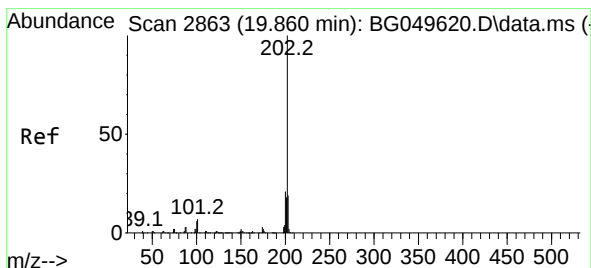
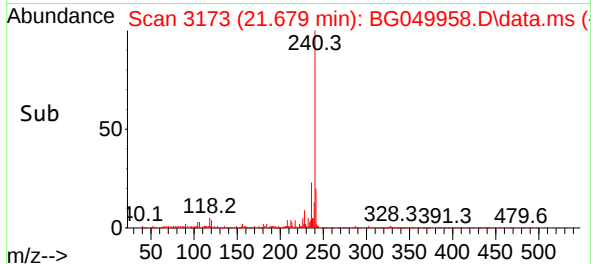
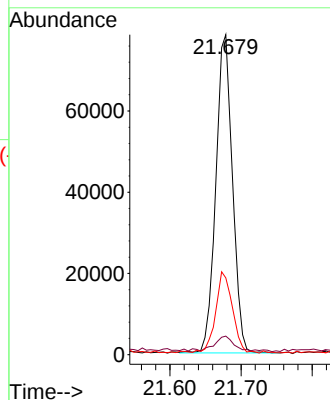
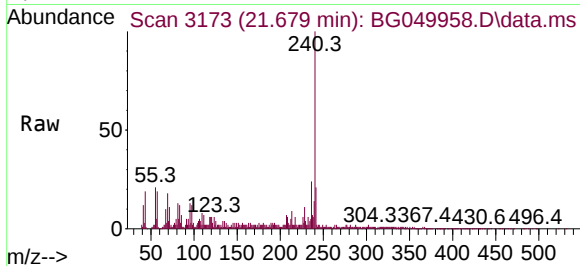




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.679 min Scan# 3173
Delta R.T. -0.001 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

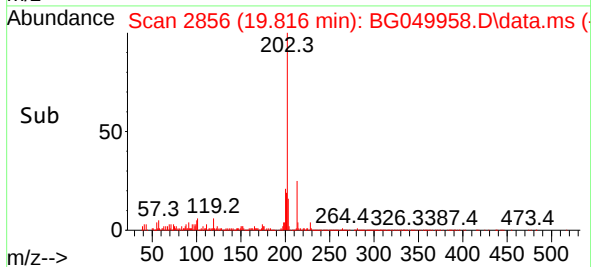
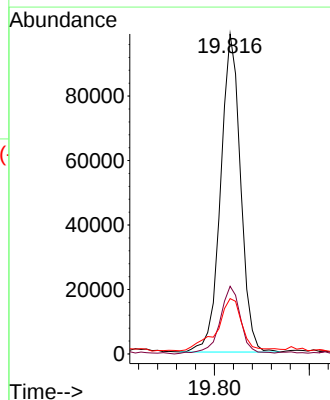
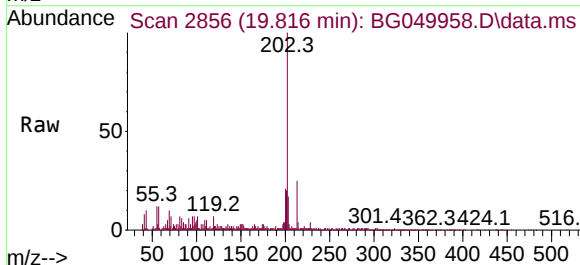
Instrument :
BNA_G
ClientSampleId :
SWCS-16-0002

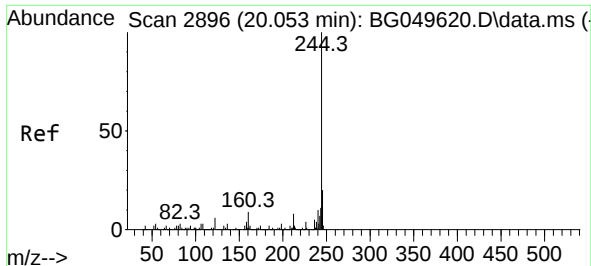
Tgt Ion:240 Resp: 127176
Ion Ratio Lower Upper
240 100
120 5.8 4.2 6.2
236 24.0 21.8 32.6



#78
Pyrene
Concen: 16.637 ng
RT: 19.816 min Scan# 2856
Delta R.T. -0.001 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

Tgt Ion:202 Resp: 144243
Ion Ratio Lower Upper
202 100
200 21.2 15.8 23.8
203 17.3 14.6 21.8

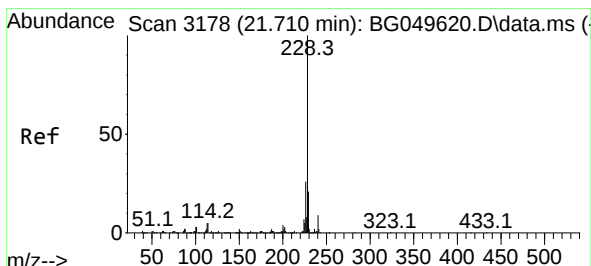
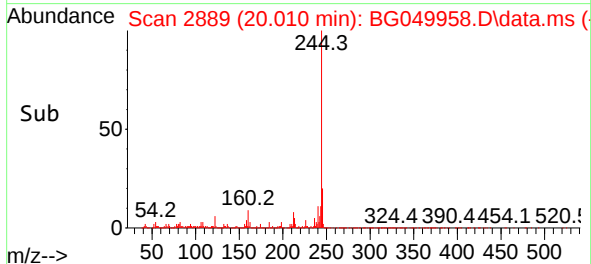
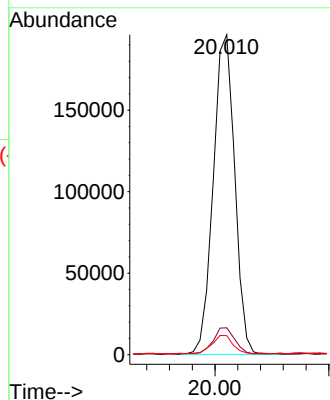
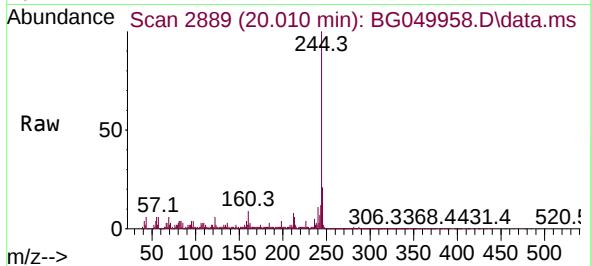




#79
 Terphenyl-d14
 Concen: 36.715 ng
 RT: 20.010 min Scan# 2889
 Delta R.T. -0.001 min
 Lab File: BG049958.D
 Acq: 24 Aug 2021 18:49

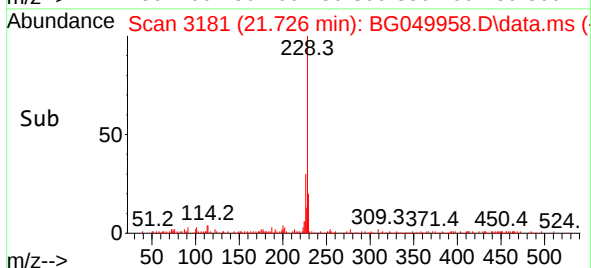
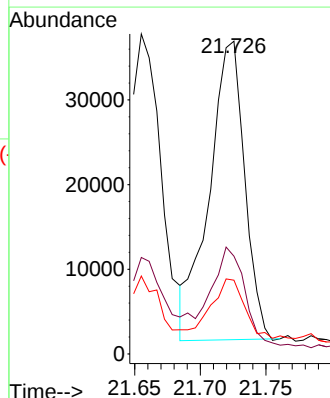
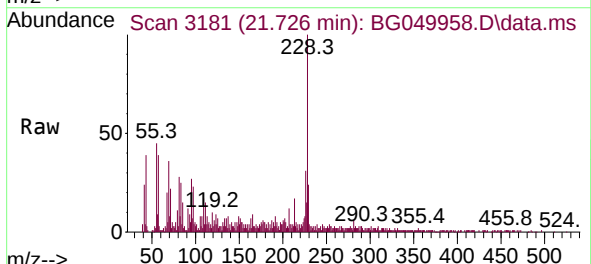
Instrument :
 BNA_G
 ClientSampleId :
 SWCS-16-0002

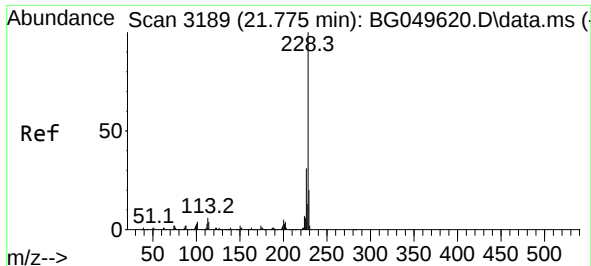
Tgt Ion:244 Resp: 257088
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 5.9 5.0 7.6



#81
 Benzo(a)anthracene
 Concen: 8.002 ng
 RT: 21.726 min Scan# 3181
 Delta R.T. 0.070 min
 Lab File: BG049958.D
 Acq: 24 Aug 2021 18:49

Tgt Ion:228 Resp: 66271
 Ion Ratio Lower Upper
 228 100
 226 31.3 22.7 34.1
 229 23.6 16.0 24.0

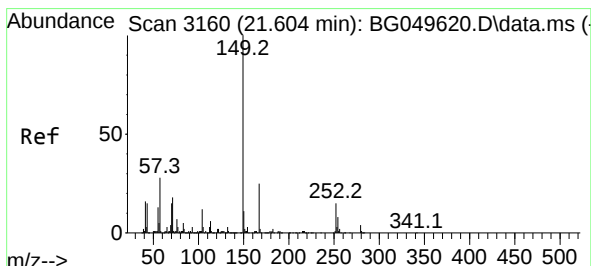
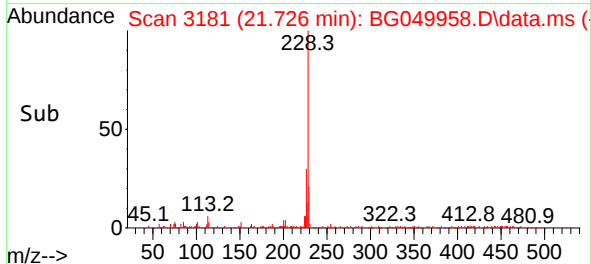
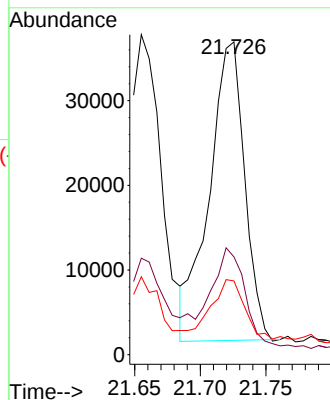
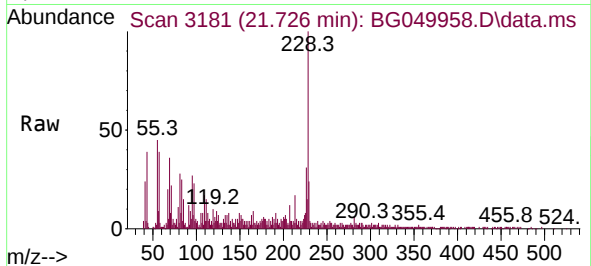




#83
Chrysene
Concen: 8.371 ng
RT: 21.726 min Scan# 3181
Delta R.T. -0.001 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

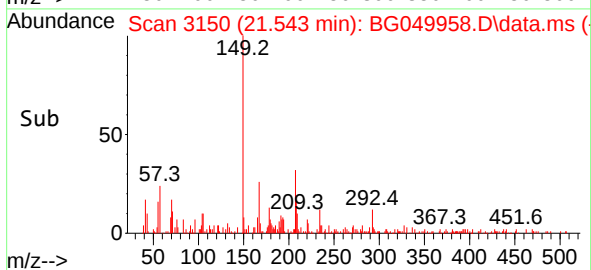
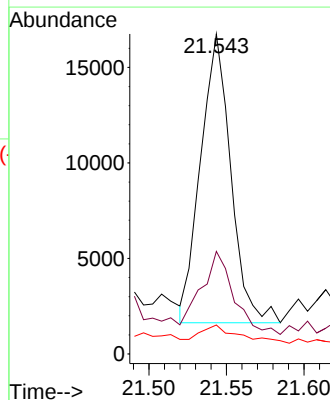
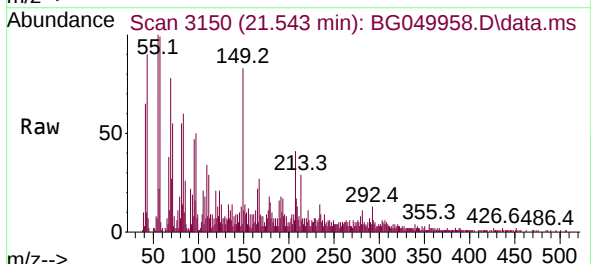
Instrument :
BNA_G
ClientSampleId :
SWCS-16-0002

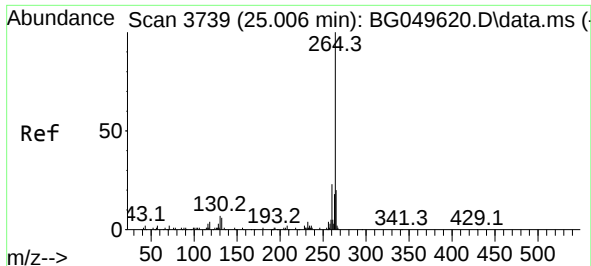
Tgt Ion:	228	Resp:	66271
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.1	34.7
229	23.6	15.3	22.9#



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.379 ng
RT: 21.543 min Scan# 3150
Delta R.T. -0.001 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

Tgt Ion:	149	Resp:	20468
Ion Ratio	Lower	Upper	
149	100		
167	32.0	22.3	33.5
279	9.1	3.8	5.8#

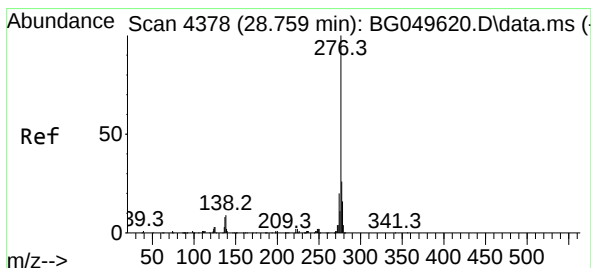
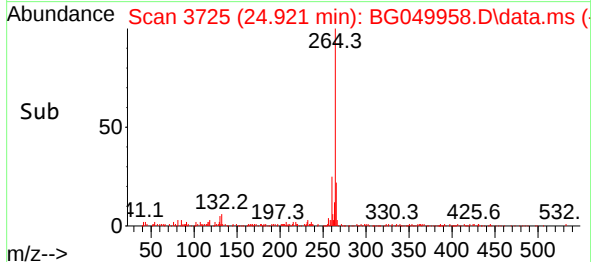
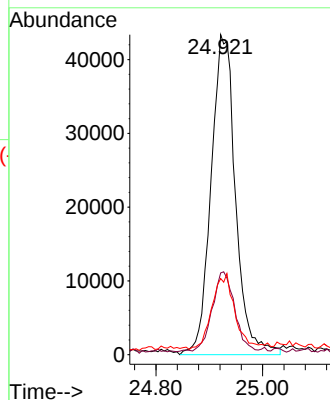
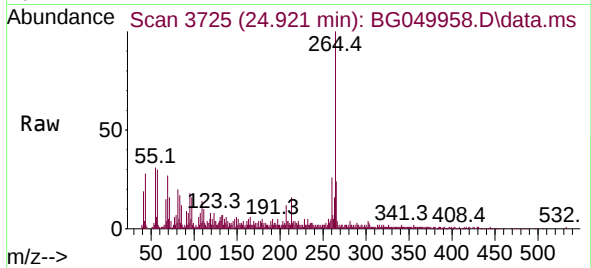




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.921 min Scan# 3725
 Delta R.T. -0.001 min
 Lab File: BG049958.D
 Acq: 24 Aug 2021 18:49

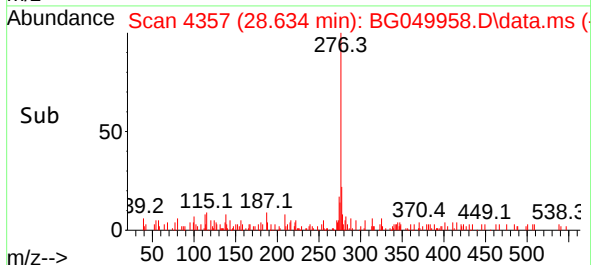
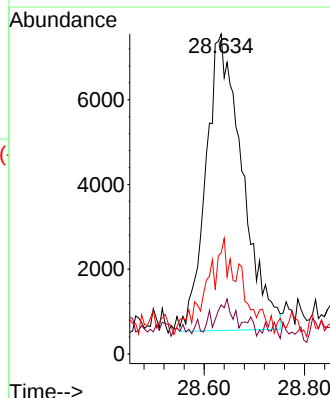
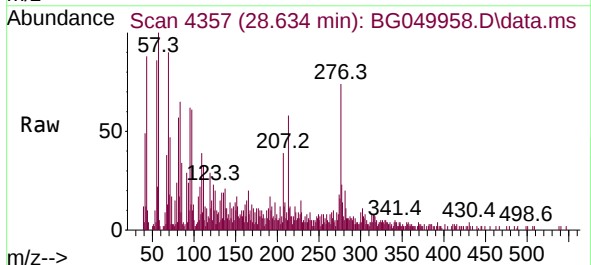
Instrument :
 BNA_G
 ClientSampleId :
 SWCS-16-0002

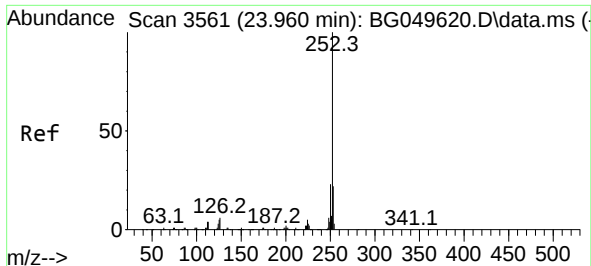
Tgt Ion:264	Resp:	138221
Ion Ratio	Lower	Upper
264	100	
260	25.5	19.4 29.2
265	23.8	16.9 25.3



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.509 ng
 RT: 28.634 min Scan# 4357
 Delta R.T. -0.012 min
 Lab File: BG049958.D
 Acq: 24 Aug 2021 18:49

Tgt Ion:276	Resp:	34974
Ion Ratio	Lower	Upper
276	100	
138	4.5	5.1 7.7#
277	4.3	19.8 29.6#

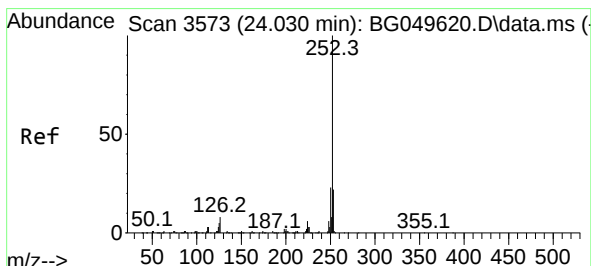
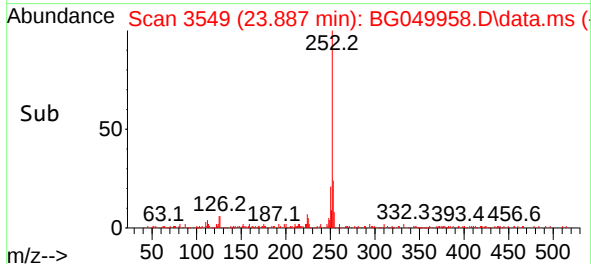
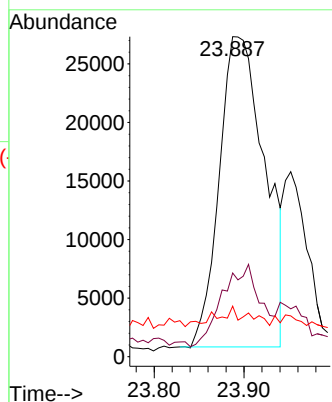
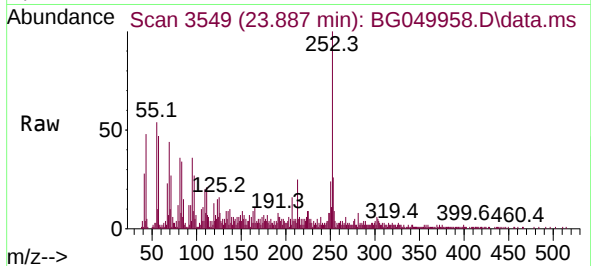




#88
Benzo(b)fluoranthene
Concen: 10.300 ng
RT: 23.887 min Scan# 3549
Delta R.T. -0.006 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

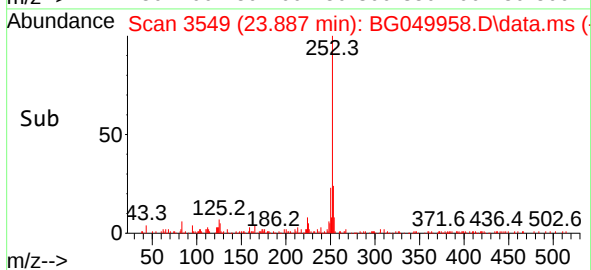
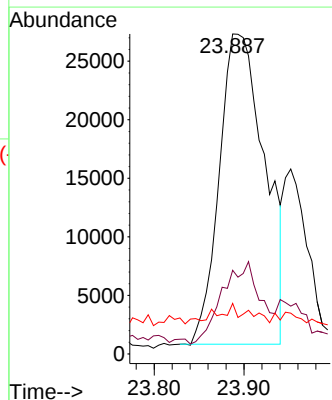
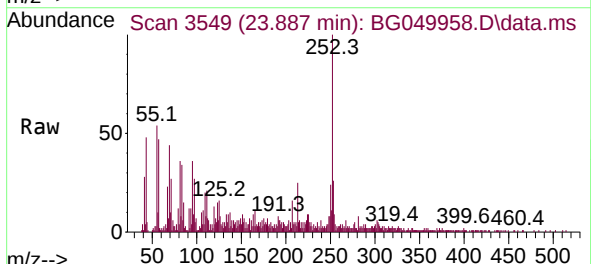
Instrument :
BNA_G
ClientSampleId :
SWCS-16-0002

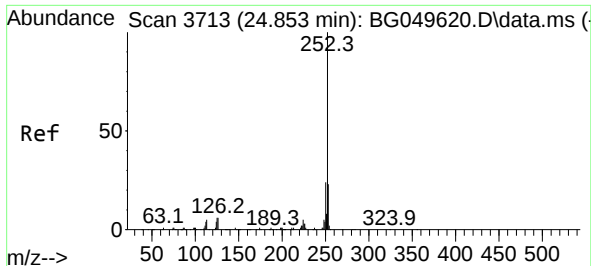
Tgt Ion:252 Resp: 93369
Ion Ratio Lower Upper
252 100
253 26.2 16.2 24.4#
125 15.8 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 11.042 ng
RT: 23.887 min Scan# 3549
Delta R.T. -0.071 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

Tgt Ion:252 Resp: 93369
Ion Ratio Lower Upper
252 100
253 26.2 18.0 27.0
125 15.8 3.1 4.7#

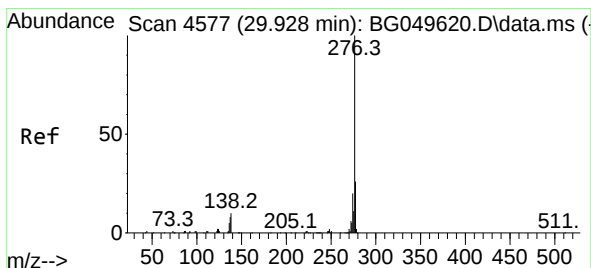
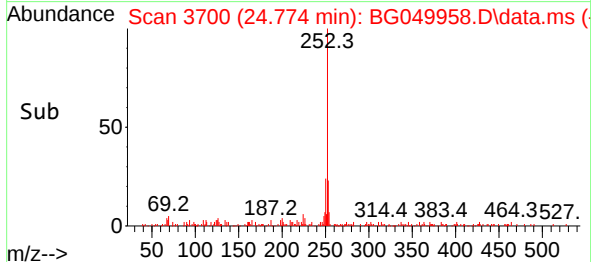
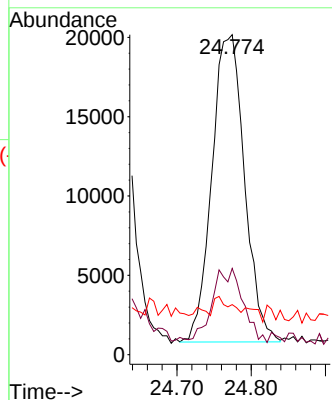
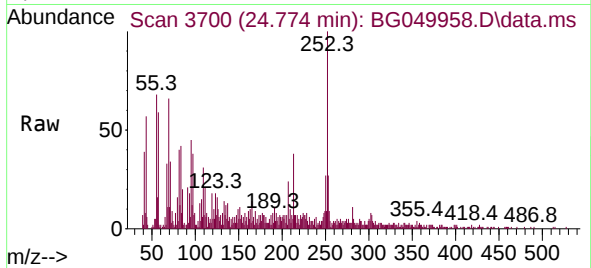




#90
Benzo(a)pyrene
Concen: 7.198 ng
RT: 24.774 min Scan# 3700
Delta R.T. -0.001 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

Instrument :
BNA_G
ClientSampleId :
SWCS-16-0002

Tgt Ion:252 Resp: 59049
Ion Ratio Lower Upper
252 100
253 27.0 16.6 25.0#
125 15.7 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 3.766 ng
RT: 29.797 min Scan# 4555
Delta R.T. -0.018 min
Lab File: BG049958.D
Acq: 24 Aug 2021 18:49

Tgt Ion:276 Resp: 30996
Ion Ratio Lower Upper
276 100
277 23.8 18.4 27.6
138 16.8 7.0 10.6#

