

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082421\
 Data File : BG049952.D
 Acq On : 24 Aug 2021 14:41
 Operator : CG/JU
 Sample : M3463-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-18-0204

Quant Time: Aug 24 15:27:13 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)

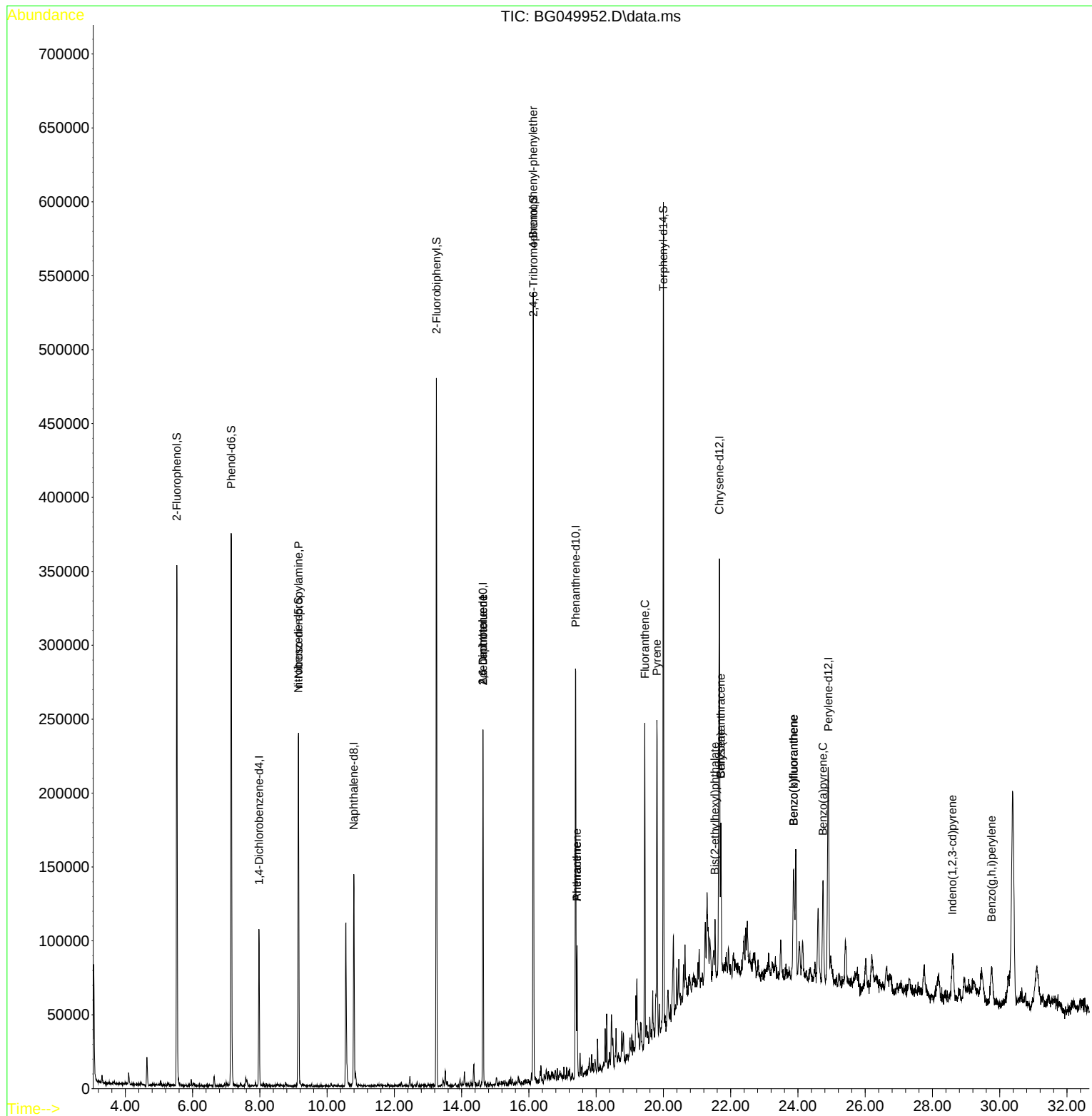
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.974	152	27818	20.000	ng	-0.01
21) Naphthalene-d8	10.794	136	118249	20.000	ng	#-0.02
39) Acenaphthene-d10	14.636	164	83262	20.000	ng	-0.01
64) Phenanthrene-d10	17.391	188	176401	20.000	ng	#-0.01
76) Chrysene-d12	21.662	240	148886	20.000	ng	-0.02
86) Perylene-d12	24.904	264	152082	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	149076	96.065	ng	0.00
7) Phenol-d6	7.146	99	211342	89.969	ng	-0.01
23) Nitrobenzene-d5	9.143	82	150032	56.145	ng	-0.02
42) 2,4,6-Tribromophenol	16.134	330	103640	84.684	ng	-0.01
45) 2-Fluorobiphenyl	13.250	172	241289	42.167	ng	-0.01
79) Terphenyl-d14	19.999	244	255831	31.208	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.149	70	22392	14.245	ng	# 75
51) 2,6-Dinitrotoluene	14.636	165	10730	7.758	ng	# 12
57) 2,4-Dinitrotoluene	14.636	165	10730	5.523	ng	# 17
67) 4-Bromophenyl-phenylether	16.128	248	6319	3.042	ng	# 1
71) Phenanthrene	17.432	178	52107	5.615	ng	95
72) Anthracene	17.432	178	52107	5.717	ng	98
75) Fluoranthene	19.447	202	139018	12.173	ng	98
78) Pyrene	19.805	202	127556	12.567	ng	98
81) Benzo(a)anthracene	21.709	228	72238	7.450	ng	94
83) Chrysene	21.709	228	72238	7.794	ng	93
84) Bis(2-ethylhexyl)phtha...	21.533	149	12994	2.375	ng	95
87) Indeno(1,2,3-cd)pyrene	28.588	276	25909	2.362	ng	95
88) Benzo(b)fluoranthene	23.871	252	96491	9.674	ng	# 96
89) Benzo(k)fluoranthene	23.871	252	96491	10.371	ng	# 98
90) Benzo(a)pyrene	24.746	252	69106	7.656	ng	# 97
92) Benzo(g,h,i)perylene	29.757	276	51330	5.669	ng	# 96

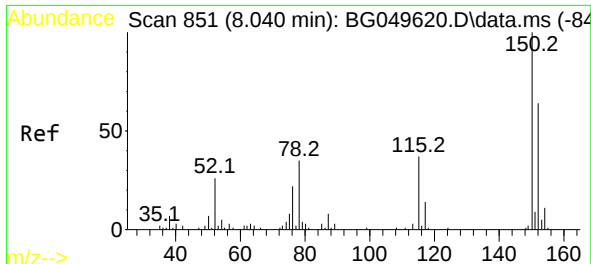
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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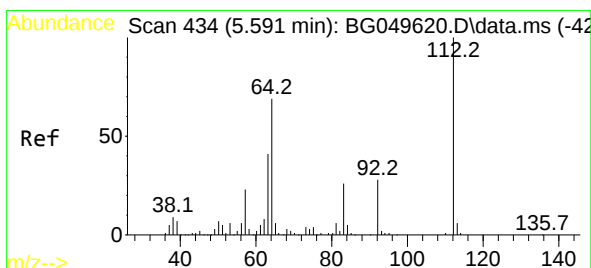
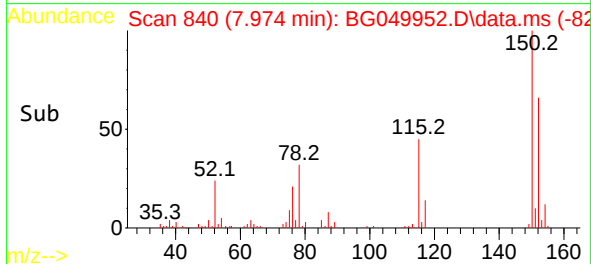
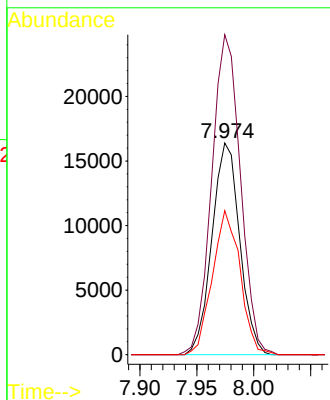
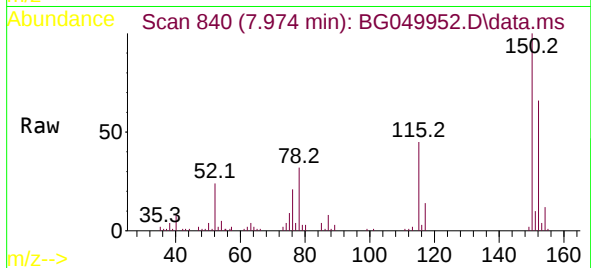




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.974 min Scan# 840
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

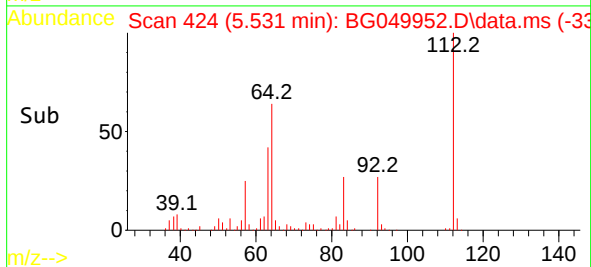
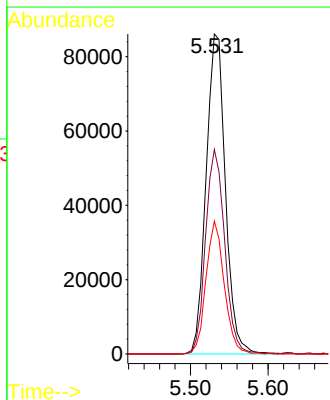
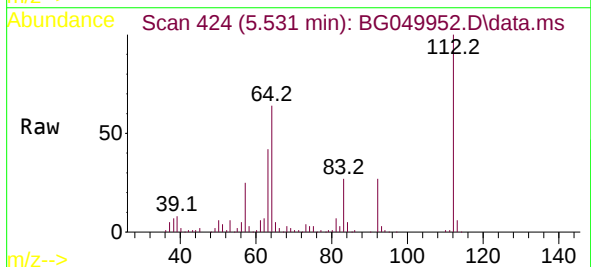
Instrument :
BNA_G
ClientSampleId :
SWCS-18-0204

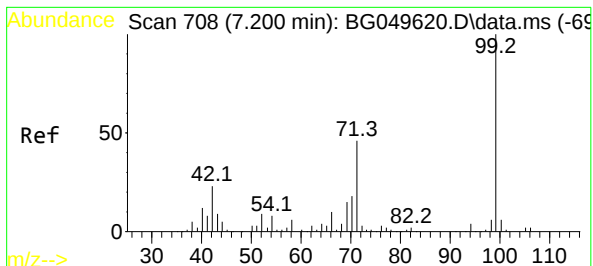
Tgt Ion:152 Resp: 27818
Ion Ratio Lower Upper
152 100
150 151.2 119.4 179.0
115 68.0 60.2 90.4



#5
2-Fluorophenol
Concen: 96.065 ng
RT: 5.531 min Scan# 424
Delta R.T. -0.006 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion:112 Resp: 149076
Ion Ratio Lower Upper
112 100
64 63.9 46.7 70.1
63 41.5 35.3 52.9

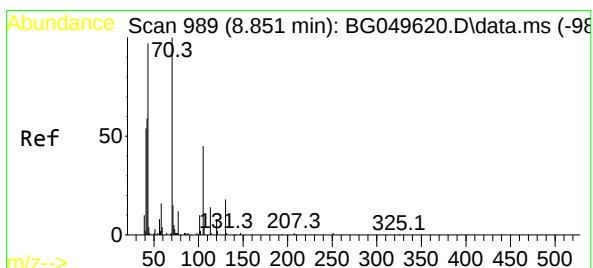
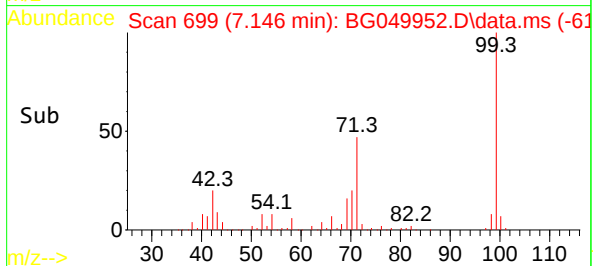
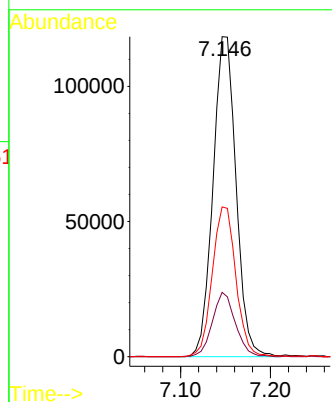
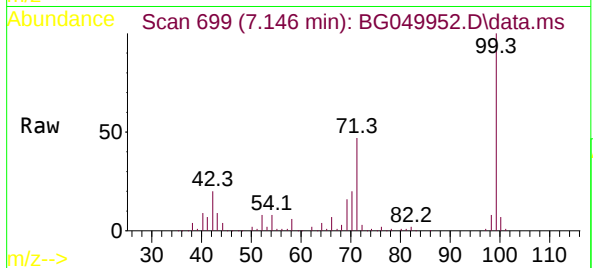




#7
Phenol-d6
Concen: 89.969 ng
RT: 7.146 min Scan# 699
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

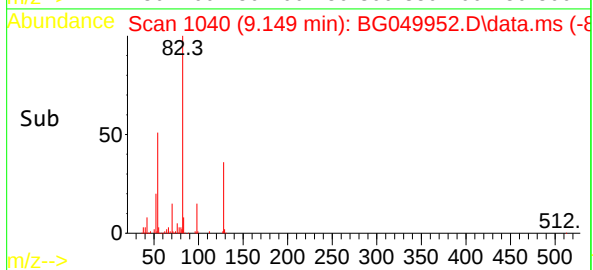
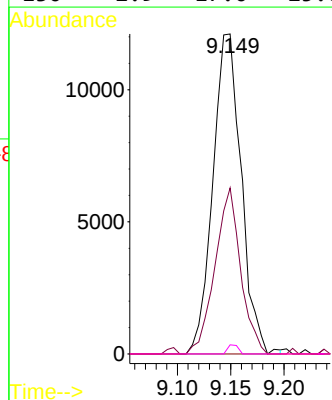
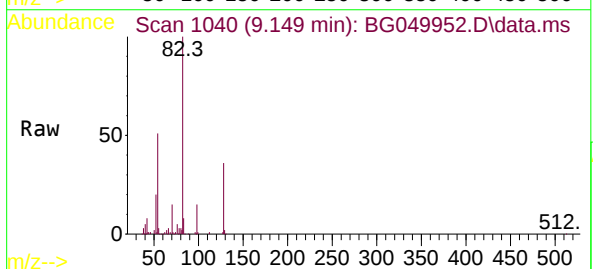
Instrument :
BNA_G
ClientSampleId :
SWCS-18-0204

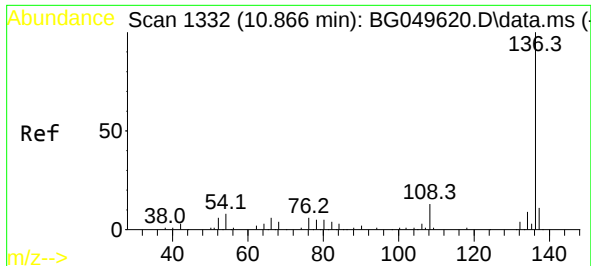
Tgt Ion: 99 Resp: 211342
Ion Ratio Lower Upper
99 100
42 20.1 20.5 30.7#
71 46.8 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.245 ng
RT: 9.149 min Scan# 1040
Delta R.T. 0.353 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

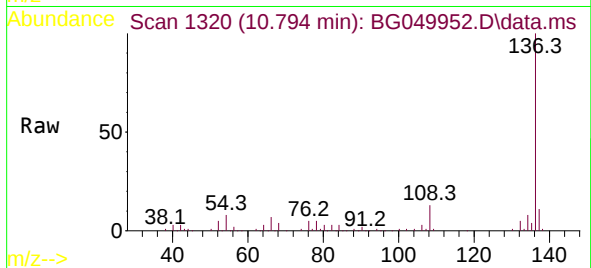
Tgt Ion: 70 Resp: 22392
Ion Ratio Lower Upper
70 100
42 51.9 54.5 81.7#
101 0.0 9.0 13.6#
130 2.9 17.0 25.6#



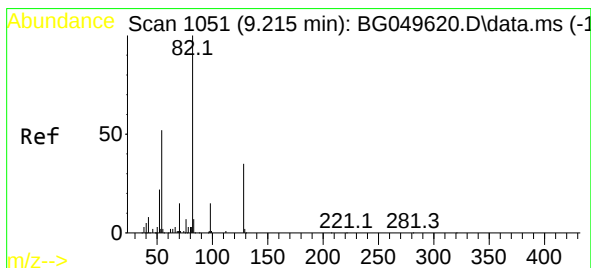
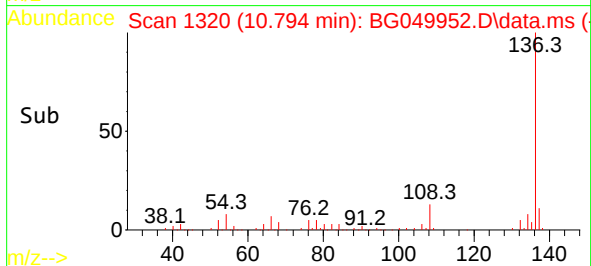
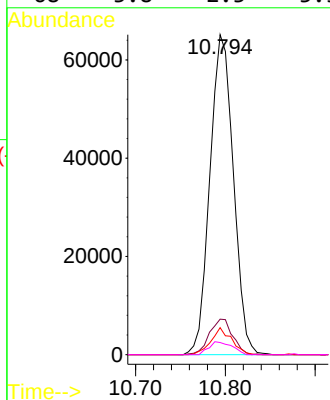


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.794 min Scan# 1320
Delta R.T. -0.017 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Instrument :
BNA_G
ClientSampleId :
SWCS-18-0204

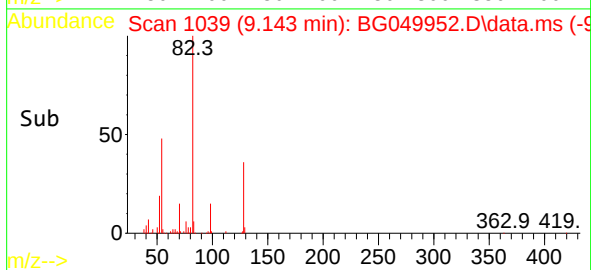
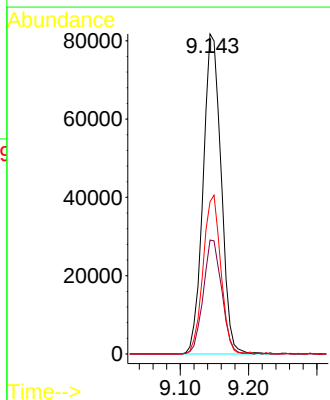
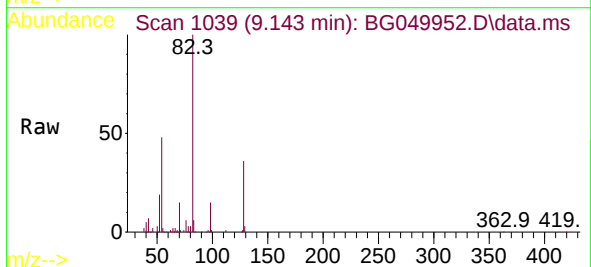


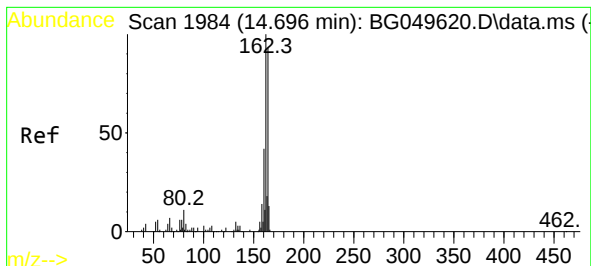
Tgt Ion:136 Resp: 118249
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 8.5 5.5 8.3#
68 3.8 2.3 3.5#



#23
Nitrobenzene-d5
Concen: 56.145 ng
RT: 9.143 min Scan# 1039
Delta R.T. -0.017 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion: 82 Resp: 150032
Ion Ratio Lower Upper
82 100
128 35.6 29.8 44.6
54 47.6 45.8 68.8

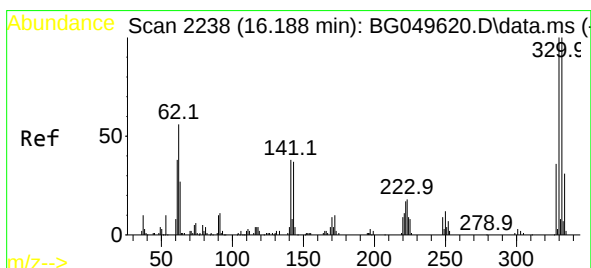
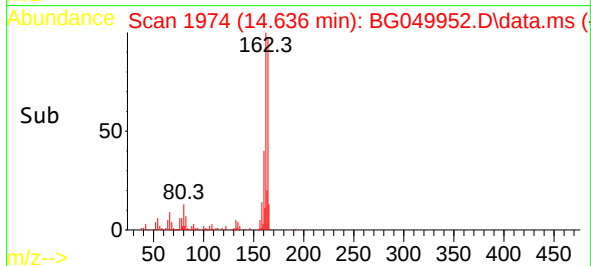
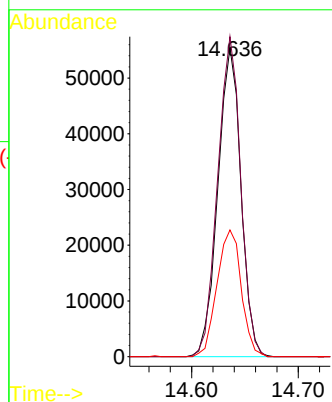
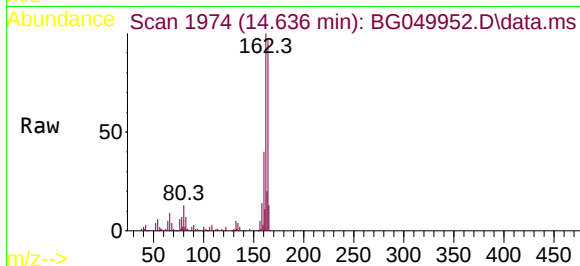




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.636 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

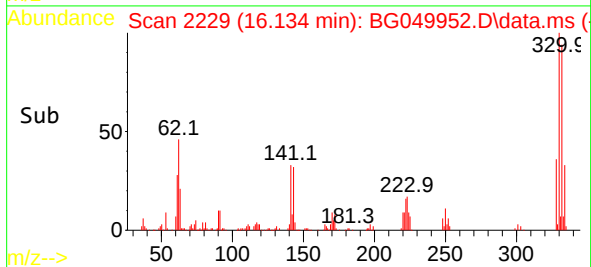
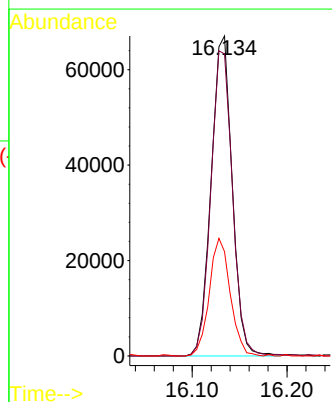
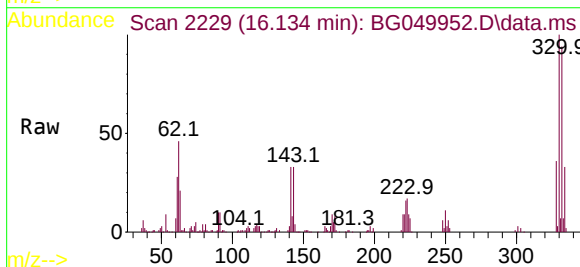
Instrument :
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ClientSampleId :
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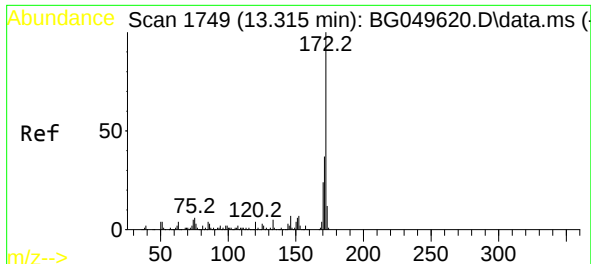
Tgt Ion:164 Resp: 83262
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 41.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 84.684 ng
RT: 16.134 min Scan# 2229
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion:330 Resp: 103640
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 36.6 35.6 53.4

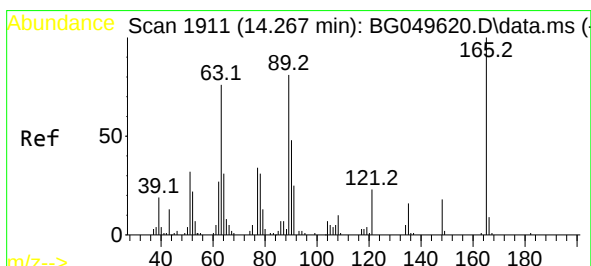
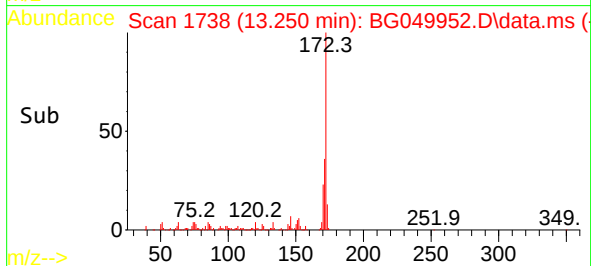
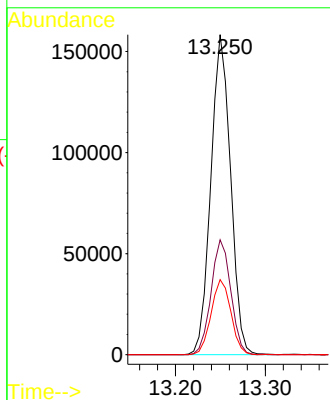
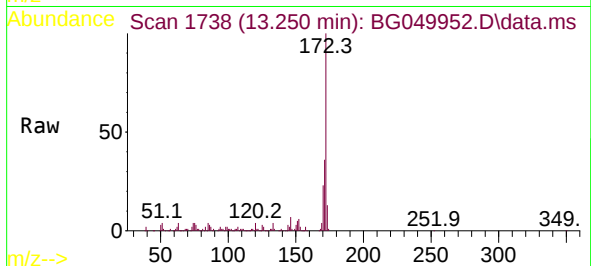




#45
2-Fluorobiphenyl
Concen: 42.167 ng
RT: 13.250 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

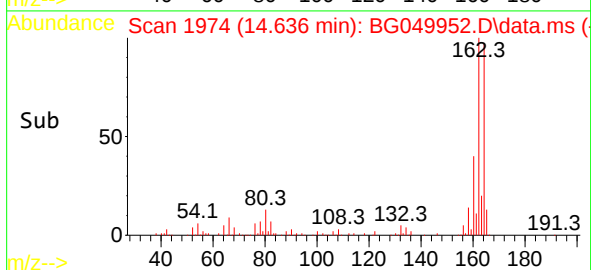
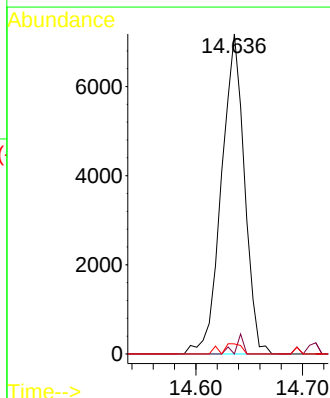
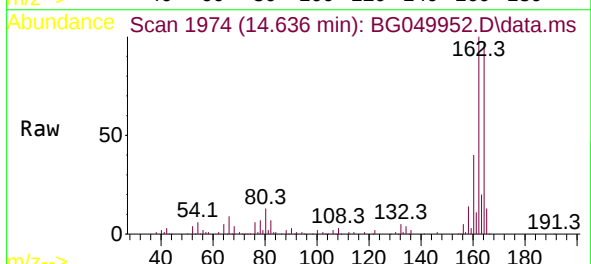
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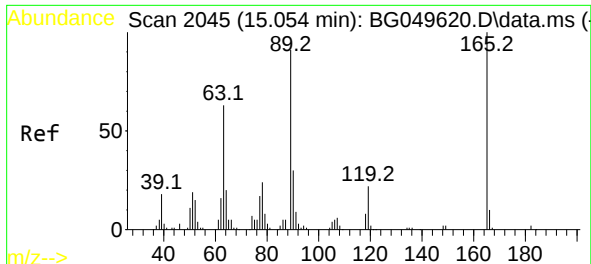
Tgt Ion:172 Resp: 241289
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.758 ng
RT: 14.636 min Scan# 1974
Delta R.T. 0.411 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion:165 Resp: 10730
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 3.1 63.4 95.0#

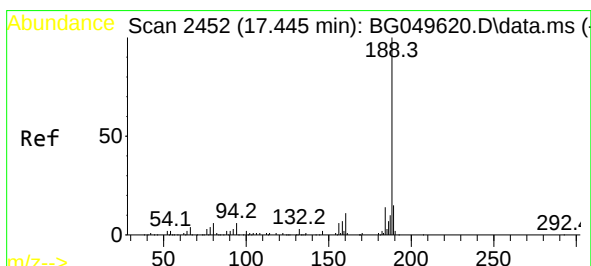
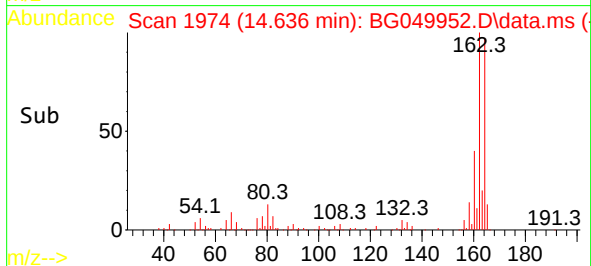
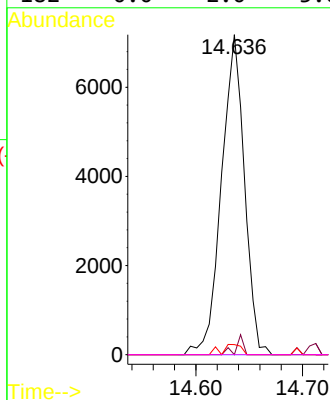
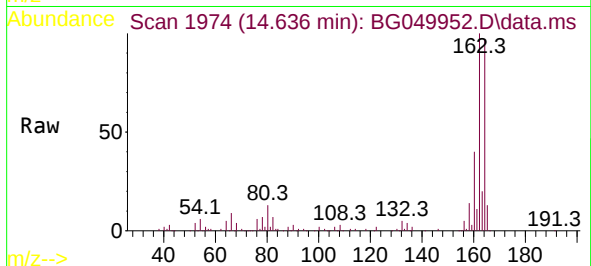




#57
2,4-Dinitrotoluene
Concen: 5.523 ng
RT: 14.636 min Scan# 1974
Delta R.T. -0.382 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

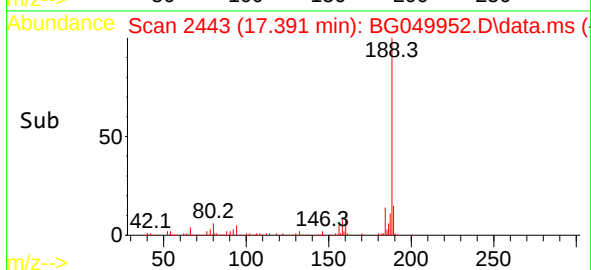
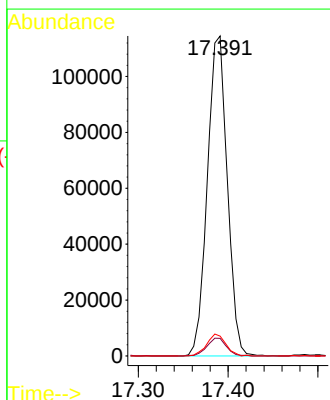
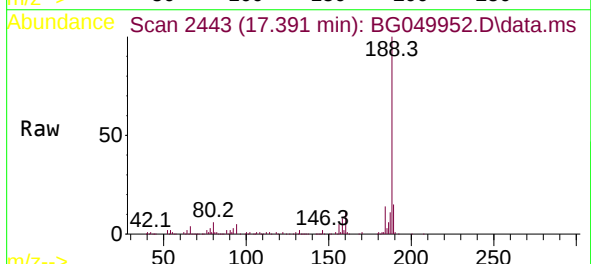
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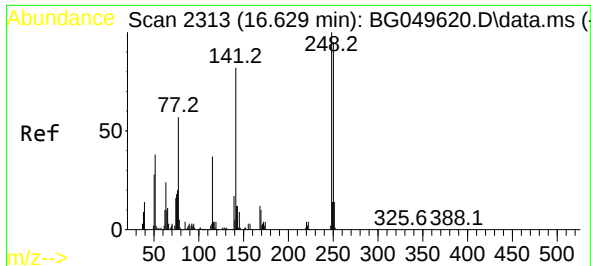
Tgt Ion:	165	Resp:	10730
Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	3.1	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.391 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion:	188	Resp:	176401
Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.4	8.0
80	6.2	3.7	5.5#

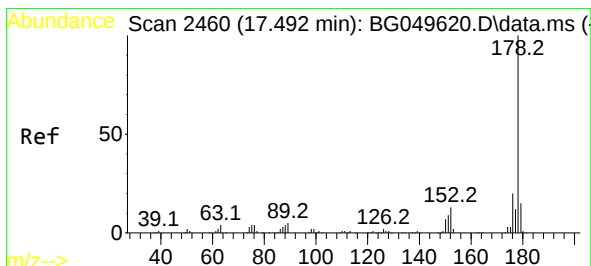
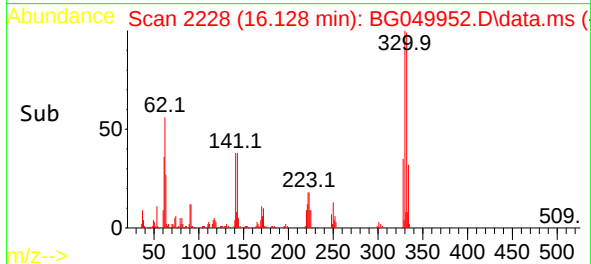
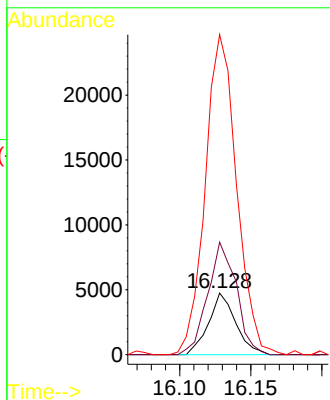
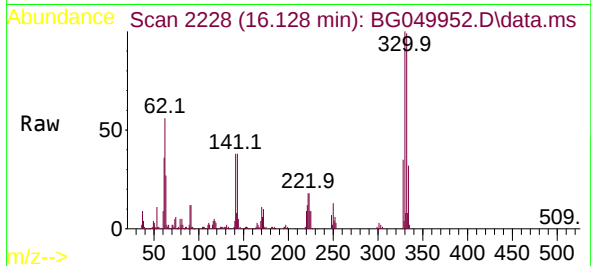




#67
4-Bromophenyl-phenylether
Concen: 3.042 ng
RT: 16.128 min Scan# 2228
Delta R.T. -0.452 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

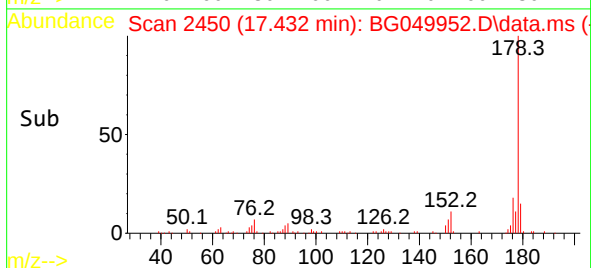
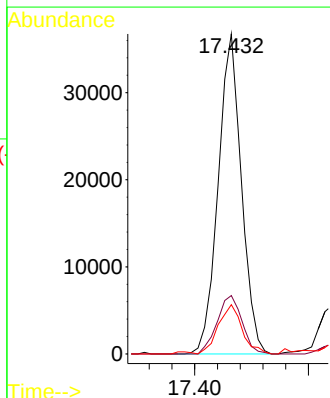
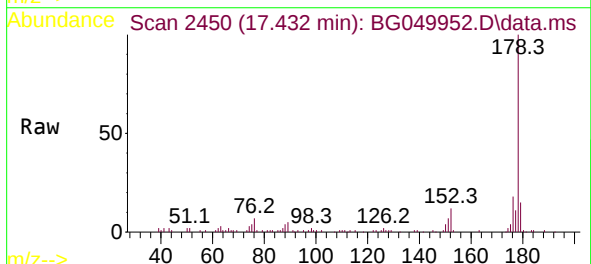
Instrument :
BNA_G
ClientSampleId :
SWCS-18-0204

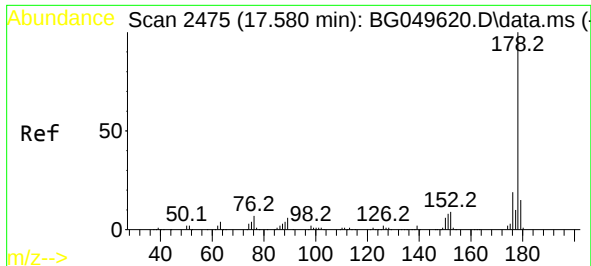
Tgt Ion:248 Resp: 6319
Ion Ratio Lower Upper
248 100
250 182.4 76.1 114.1#
141 518.9 65.4 98.2#



#71
Phenanthrene
Concen: 5.615 ng
RT: 17.432 min Scan# 2450
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion:178 Resp: 52107
Ion Ratio Lower Upper
178 100
176 18.3 16.0 24.0
179 15.4 14.2 21.4

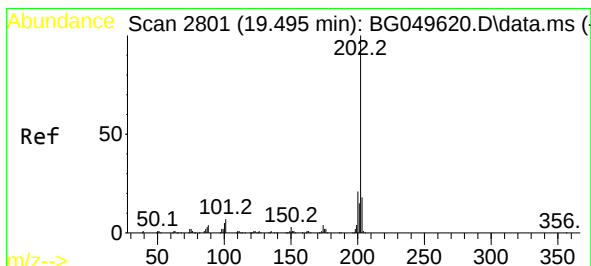
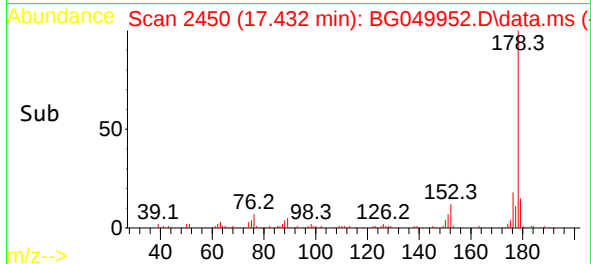
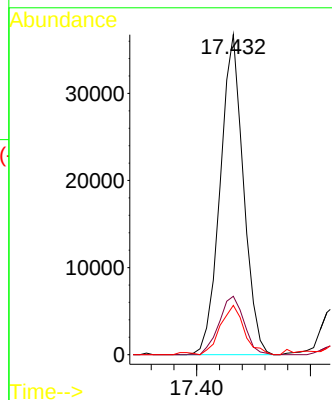
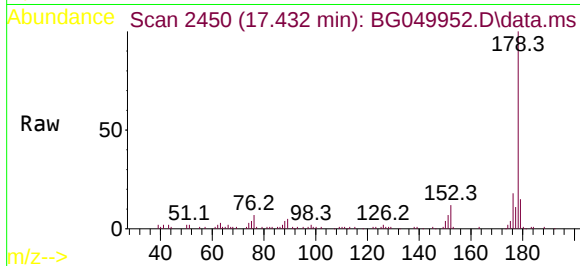




#72
 Anthracene
 Concen: 5.717 ng
 RT: 17.432 min Scan# 2450
 Delta R.T. -0.105 min
 Lab File: BG049952.D
 Acq: 24 Aug 2021 14:41

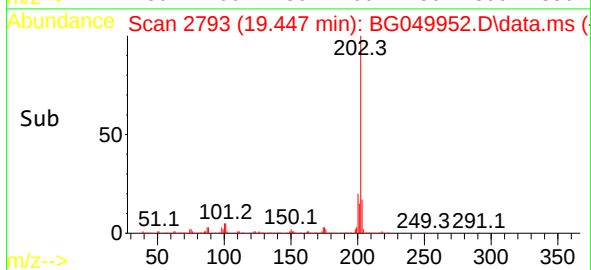
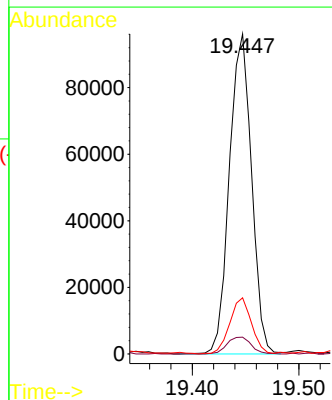
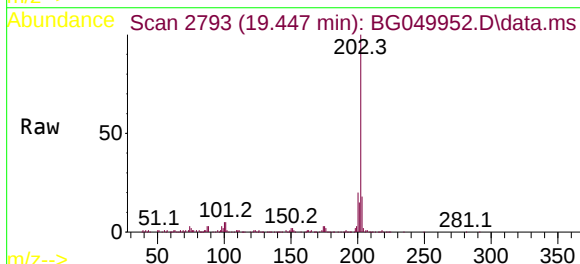
Instrument :
 BNA_G
 ClientSampleId :
 SWCS-18-0204

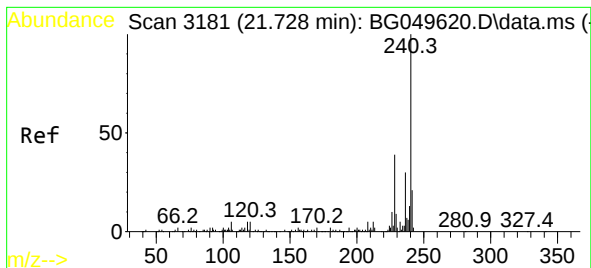
Tgt Ion:178 Resp: 52107
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.6 21.8
 179 15.4 13.4 20.0



#75
 Fluoranthene
 Concen: 12.173 ng
 RT: 19.447 min Scan# 2793
 Delta R.T. -0.012 min
 Lab File: BG049952.D
 Acq: 24 Aug 2021 14:41

Tgt Ion:202 Resp: 139018
 Ion Ratio Lower Upper
 202 100
 101 5.3 0.0 24.7
 203 17.6 0.0 38.5

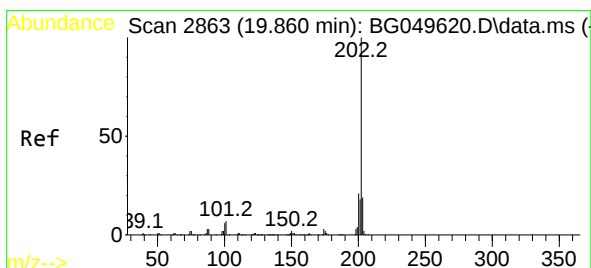
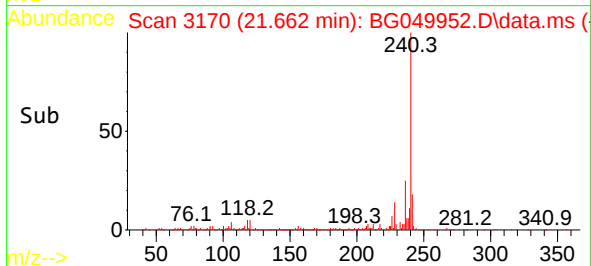
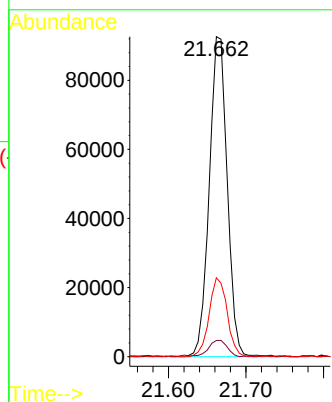
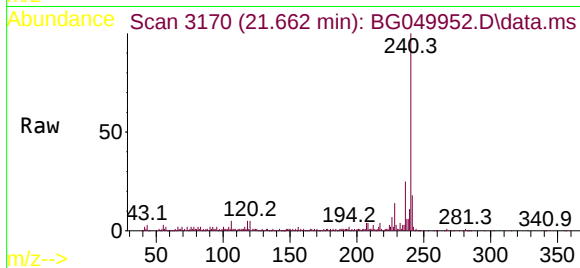




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.662 min Scan# 3170
Delta R.T. -0.017 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

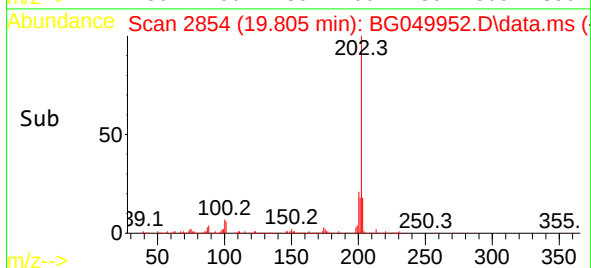
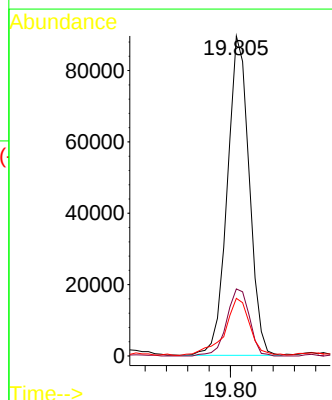
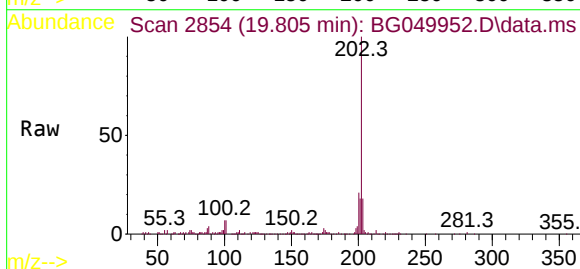
Instrument :
BNA_G
ClientSampleId :
SWCS-18-0204

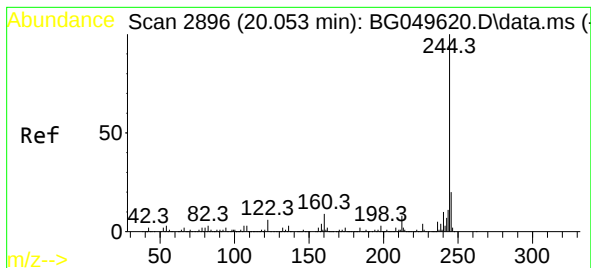
Tgt Ion:240 Resp: 148886
Ion Ratio Lower Upper
240 100
120 5.1 4.2 6.2
236 24.7 21.8 32.6



#78
Pyrene
Concen: 12.567 ng
RT: 19.805 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion:202 Resp: 127556
Ion Ratio Lower Upper
202 100
200 21.0 15.8 23.8
203 18.0 14.6 21.8

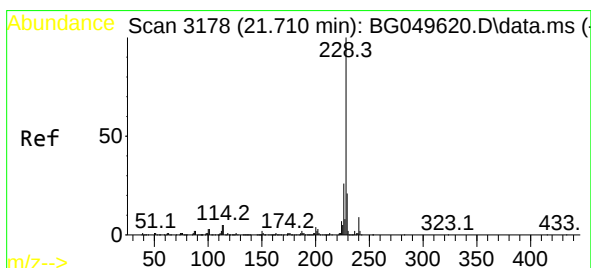
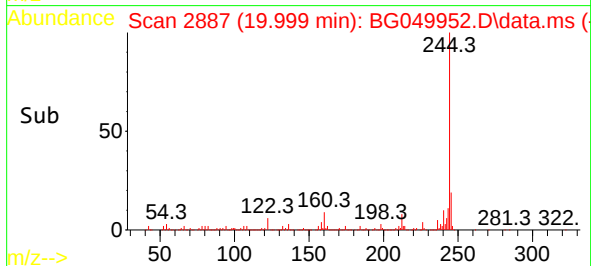
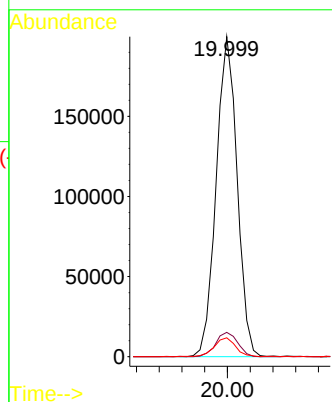
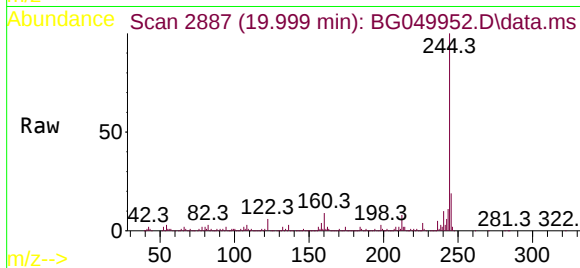




#79
 Terphenyl-d14
 Concen: 31.208 ng
 RT: 19.999 min Scan# 2887
 Delta R.T. -0.012 min
 Lab File: BG049952.D
 Acq: 24 Aug 2021 14:41

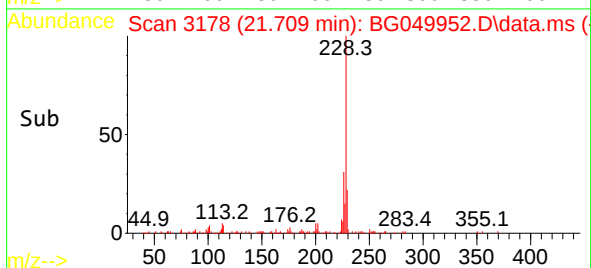
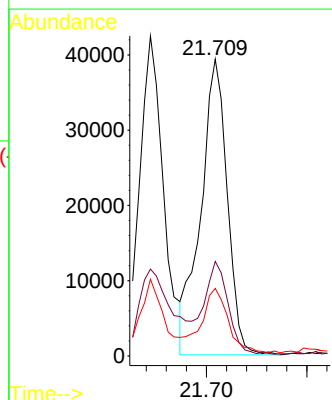
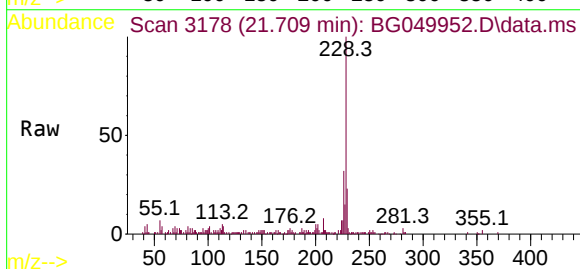
Instrument :
 BNA_G
 ClientSampleId :
 SWCS-18-0204

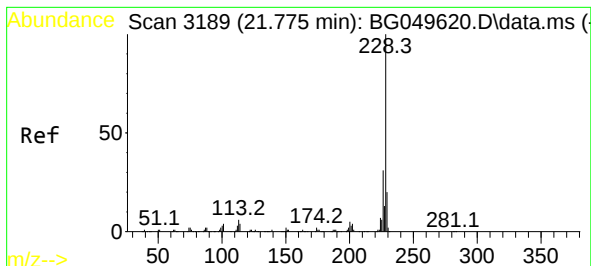
Tgt Ion:244 Resp: 255831
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.9 10.3
 122 5.9 5.0 7.6



#81
 Benzo(a)anthracene
 Concen: 7.450 ng
 RT: 21.709 min Scan# 3178
 Delta R.T. 0.053 min
 Lab File: BG049952.D
 Acq: 24 Aug 2021 14:41

Tgt Ion:228 Resp: 72238
 Ion Ratio Lower Upper
 228 100
 226 31.8 22.7 34.1
 229 22.7 16.0 24.0





#83

Chrysene

Concen: 7.794 ng

RT: 21.709 min Scan# 3178

Delta R.T. -0.017 min

Lab File: BG049952.D

Acq: 24 Aug 2021 14:41

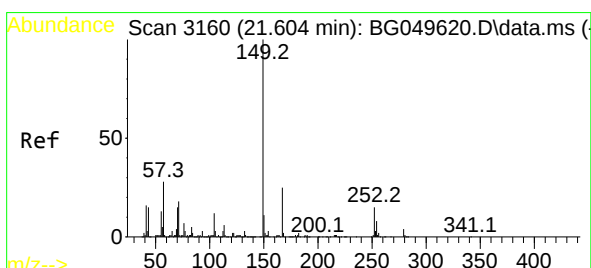
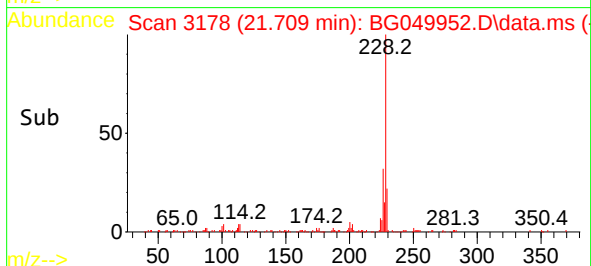
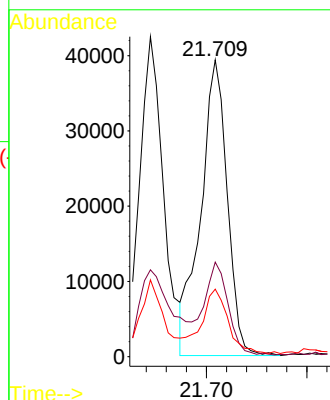
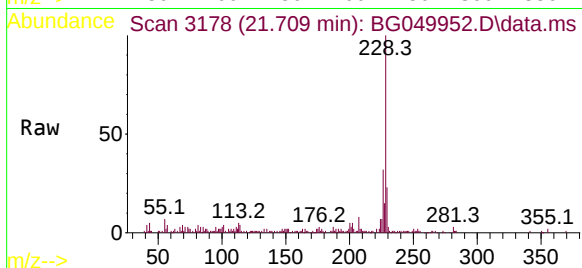
Instrument :

BNA_G

ClientSampleId :

SWCS-18-0204

Tgt Ion:	228	Resp:	72238
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.1	34.7
229	22.7	15.3	22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.375 ng

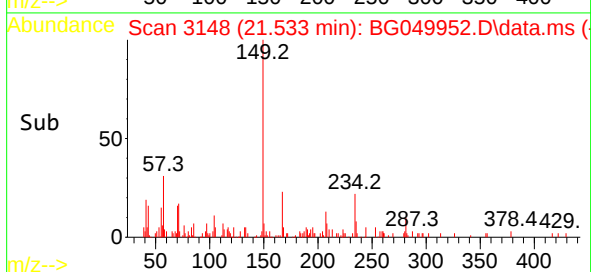
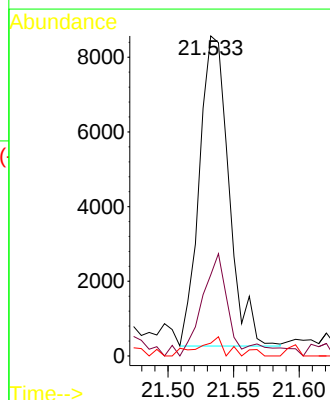
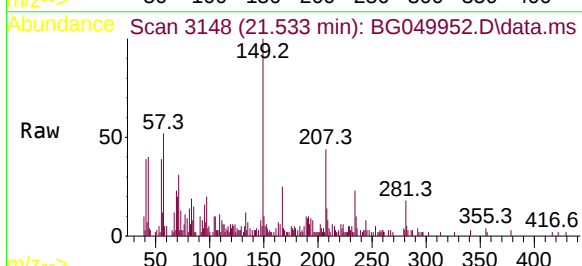
RT: 21.533 min Scan# 3148

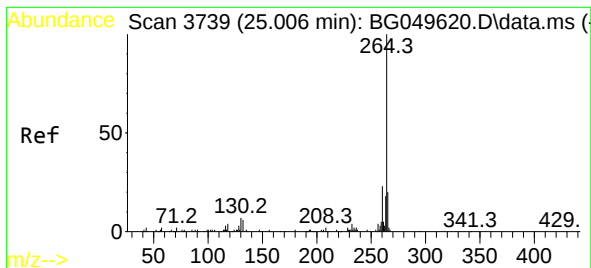
Delta R.T. -0.011 min

Lab File: BG049952.D

Acq: 24 Aug 2021 14:41

Tgt Ion:	149	Resp:	12994
Ion Ratio	Lower	Upper	
149	100		
167	25.3	22.3	33.5
279	4.0	3.8	5.8

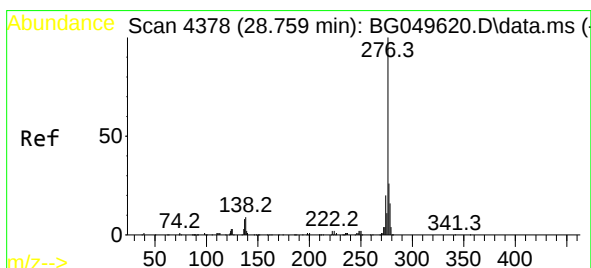
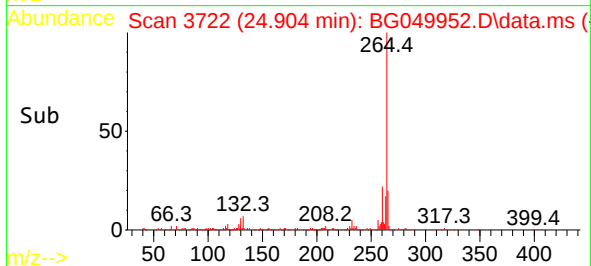
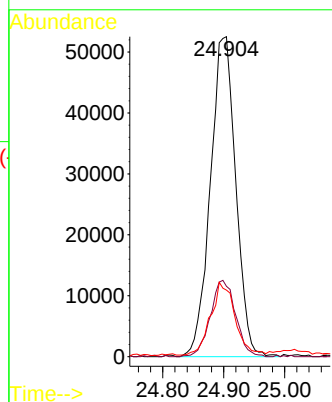
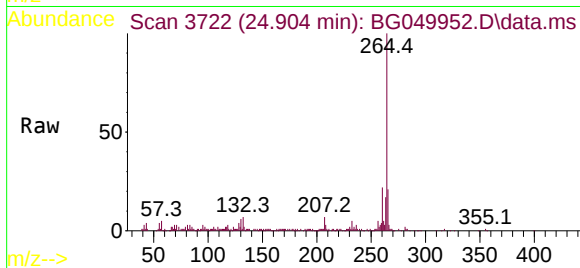




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.904 min Scan# 3722
 Delta R.T. -0.017 min
 Lab File: BG049952.D
 Acq: 24 Aug 2021 14:41

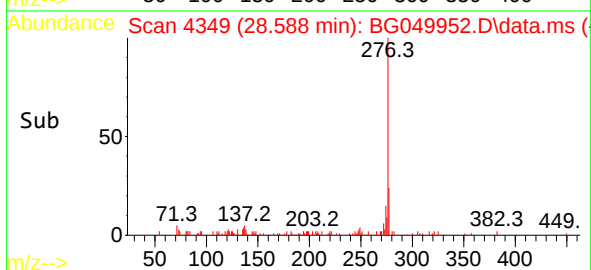
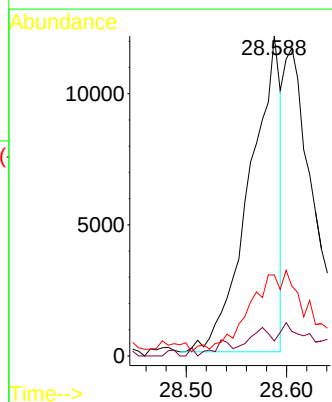
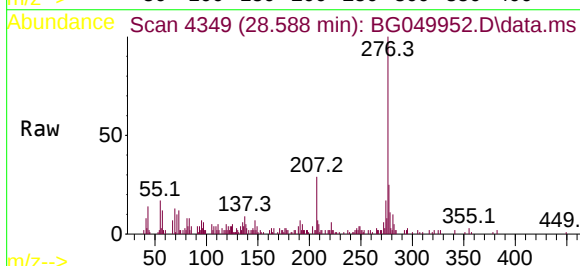
Instrument :
 BNA_G
 ClientSampleId :
 SWCS-18-0204

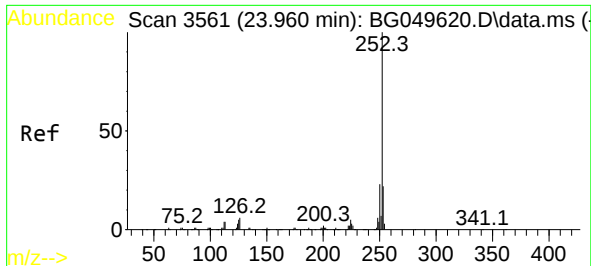
Tgt Ion:264 Resp: 152082
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.4 29.2
 265 20.8 16.9 25.3



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.362 ng
 RT: 28.588 min Scan# 4349
 Delta R.T. -0.058 min
 Lab File: BG049952.D
 Acq: 24 Aug 2021 14:41

Tgt Ion:276 Resp: 25909
 Ion Ratio Lower Upper
 276 100
 138 6.8 5.1 7.7
 277 21.9 19.8 29.6

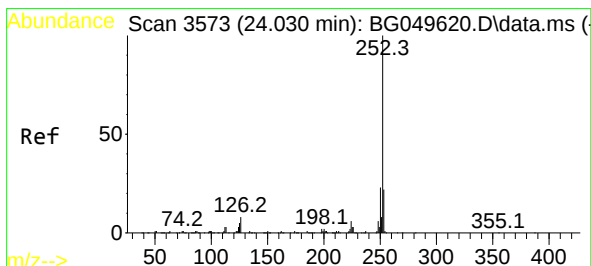
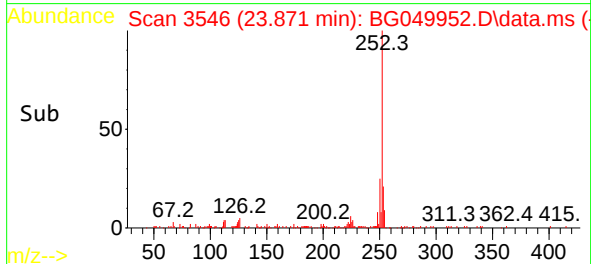
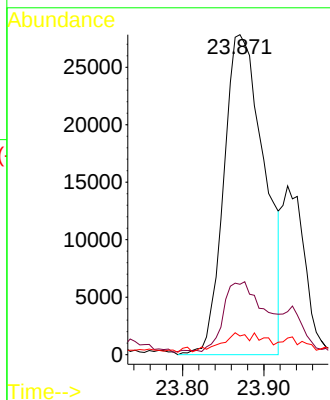
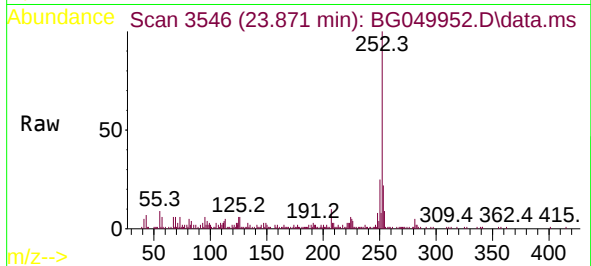




#88
Benzo(b)fluoranthene
Concen: 9.674 ng
RT: 23.871 min Scan# 3546
Delta R.T. -0.023 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

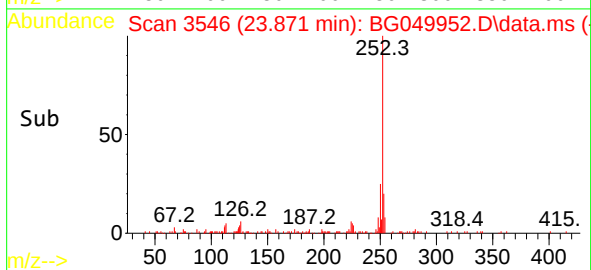
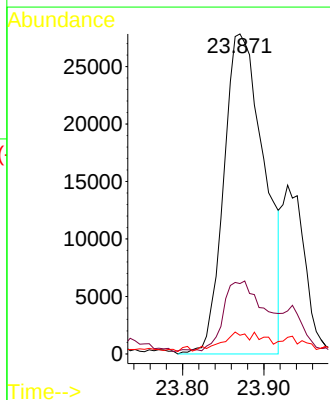
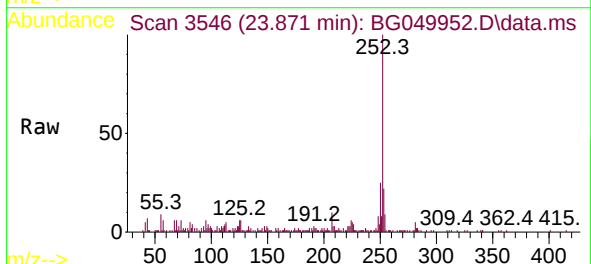
Instrument :
BNA_G
ClientSampleId :
SWCS-18-0204

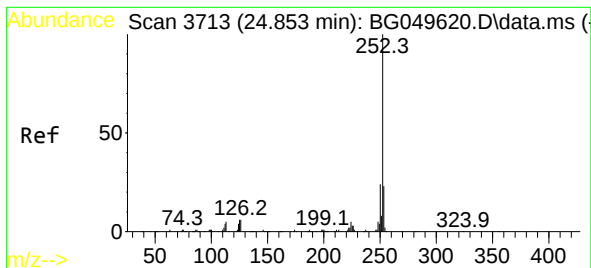
Tgt Ion:252 Resp: 96491
Ion Ratio Lower Upper
252 100
253 22.0 16.2 24.4
125 5.9 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 10.371 ng
RT: 23.871 min Scan# 3546
Delta R.T. -0.088 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion:252 Resp: 96491
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 5.9 3.1 4.7#

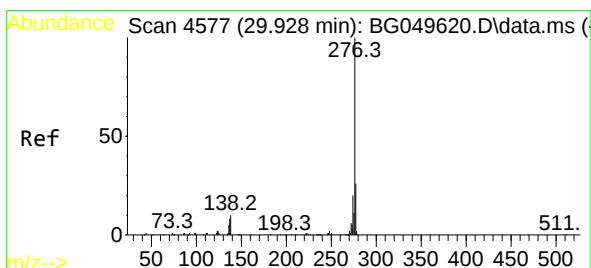
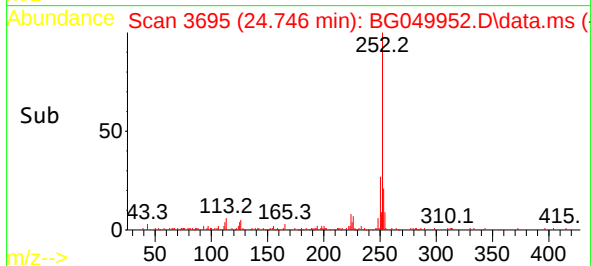
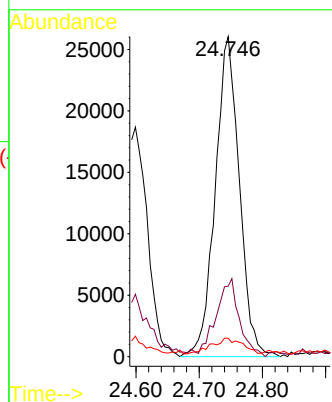
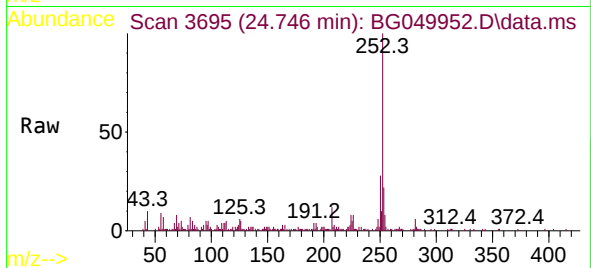




#90
Benzo(a)pyrene
Concen: 7.656 ng
RT: 24.746 min Scan# 3695
Delta R.T. -0.029 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Instrument :
BNA_G
ClientSampleId :
SWCS-18-0204

Tgt Ion:252 Resp: 69106
Ion Ratio Lower Upper
252 100
253 22.0 16.6 25.0
125 5.8 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 5.669 ng
RT: 29.757 min Scan# 4548
Delta R.T. -0.059 min
Lab File: BG049952.D
Acq: 24 Aug 2021 14:41

Tgt Ion:276 Resp: 51330
Ion Ratio Lower Upper
276 100
277 23.1 18.4 27.6
138 13.8 7.0 10.6#

