

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
 Data File : BG049943.D
 Acq On : 23 Aug 2021 21:37
 Operator : CG/JU
 Sample : M3394-13DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-02-0002DL

Quant Time: Aug 24 02:28:55 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)

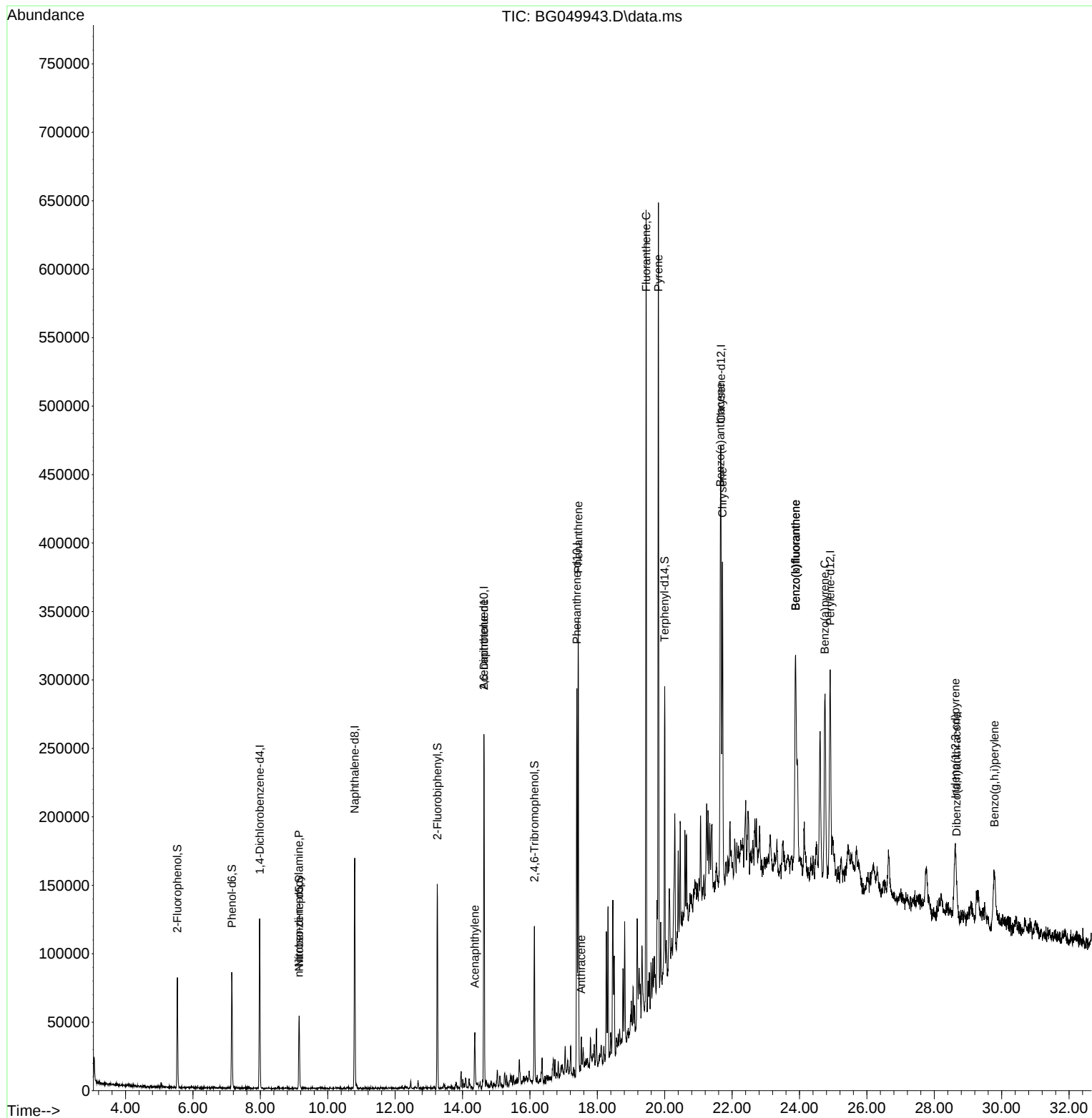
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	34257	20.000	ng	0.00
21) Naphthalene-d8	10.800	136	139010	20.000	ng	#-0.01
39) Acenaphthene-d10	14.636	164	92737	20.000	ng	-0.01
64) Phenanthrene-d10	17.391	188	168845	20.000	ng	#-0.01
76) Chrysene-d12	21.668	240	140390	20.000	ng	-0.01
86) Perylene-d12	24.911	264	148276	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	32855	17.192	ng	0.00
7) Phenol-d6	7.152	99	48524	16.774	ng	0.00
23) Nitrobenzene-d5	9.150	82	35534	11.312	ng	-0.01
42) 2,4,6-Tribromophenol	16.134	330	22243	16.318	ng	-0.01
45) 2-Fluorobiphenyl	13.250	172	76729	12.039	ng	-0.01
79) Terphenyl-d14	20.000	244	93574	12.106	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.144	70	5215	2.694	ng	# 73
49) Acenaphthylene	14.366	152	33848	4.048	ng	95
51) 2,6-Dinitrotoluene	14.636	165	12066	7.832	ng	# 10
71) Phenanthrene	17.433	178	201479	22.681	ng	94
72) Anthracene	17.521	178	17482	2.004	ng	97
75) Fluoranthene	19.447	202	368591	33.719	ng	99
78) Pyrene	19.812	202	368136	38.463	ng	97
81) Benzo(a)anthracene	21.650	228	132700	14.514	ng	97
83) Chrysene	21.715	228	176831	20.233	ng	95
87) Indeno(1,2,3-cd)pyrene	28.623	276	101472	9.489	ng	99
88) Benzo(b)fluoranthene	23.883	252	210705	21.667	ng	# 90
89) Benzo(k)fluoranthene	23.883	252	210705	23.229	ng	# 95
90) Benzo(a)pyrene	24.752	252	144256	16.391	ng	# 92
91) Dibenzo(a,h)anthracene	28.664	278	27908	3.097	ng	# 82
92) Benzo(g,h,i)perylene	29.786	276	93725	10.617	ng	94

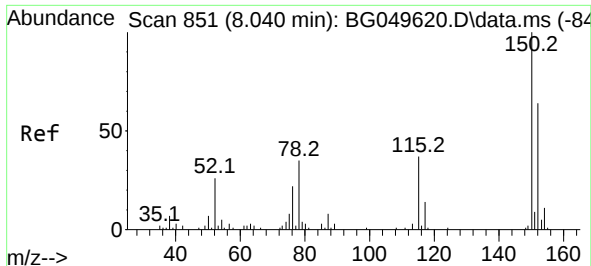
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
Data File : BG049943.D
Acq On : 23 Aug 2021 21:37
Operator : CG/JU
Sample : M3394-13DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

Quant Time: Aug 24 02:28:55 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

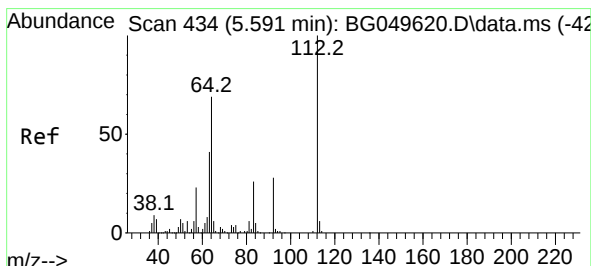
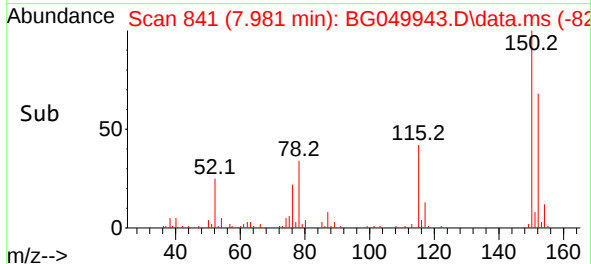
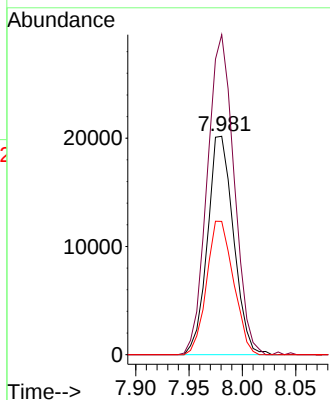
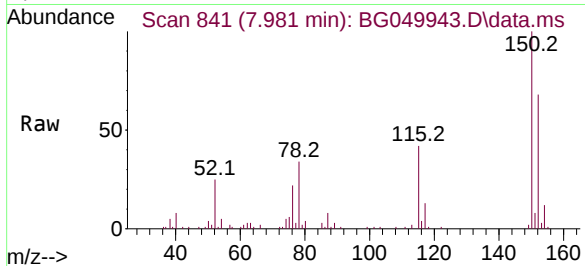




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.981 min Scan# 841
 Delta R.T. -0.005 min
 Lab File: BG049943.D
 Acq: 23 Aug 2021 21:37

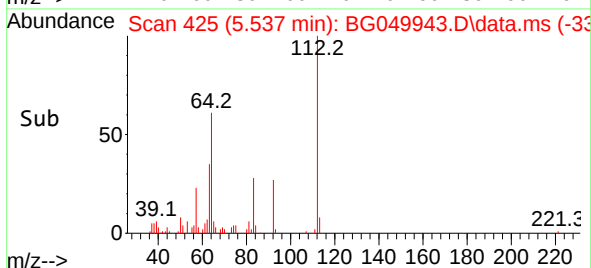
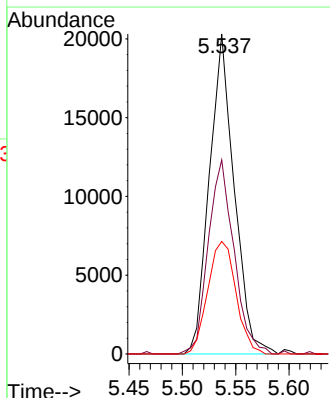
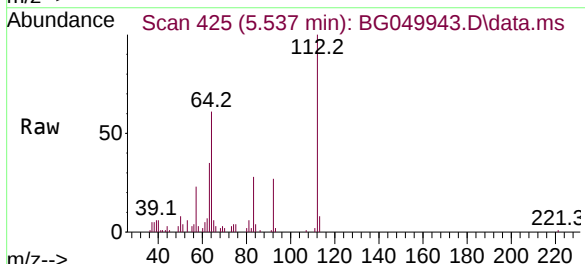
Instrument :
 BNA_G
 ClientSampleID :
 SWCS-02-0002DL

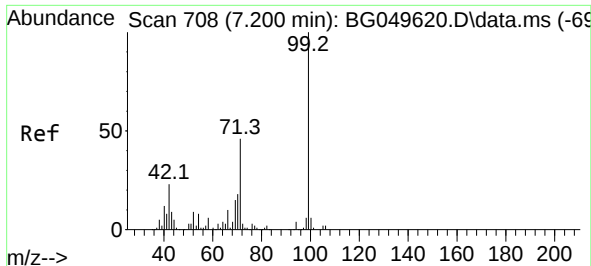
Tgt Ion:152 Resp: 34257
 Ion Ratio Lower Upper
 152 100
 150 146.6 119.4 179.0
 115 61.1 60.2 90.4



#5
 2-Fluorophenol
 Concen: 17.192 ng
 RT: 5.537 min Scan# 425
 Delta R.T. 0.001 min
 Lab File: BG049943.D
 Acq: 23 Aug 2021 21:37

Tgt Ion:112 Resp: 32855
 Ion Ratio Lower Upper
 112 100
 64 60.7 46.7 70.1
 63 35.1 35.3 52.9#

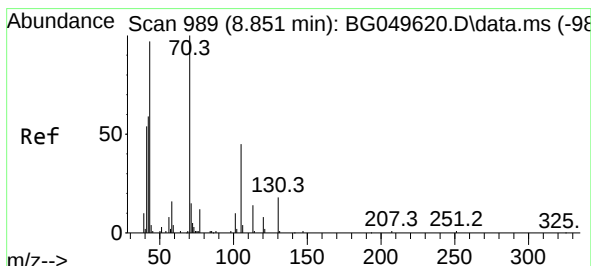
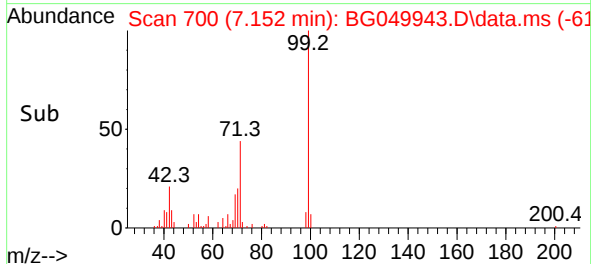
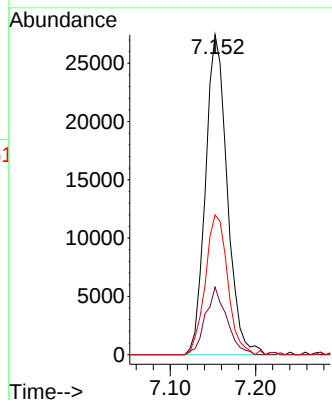
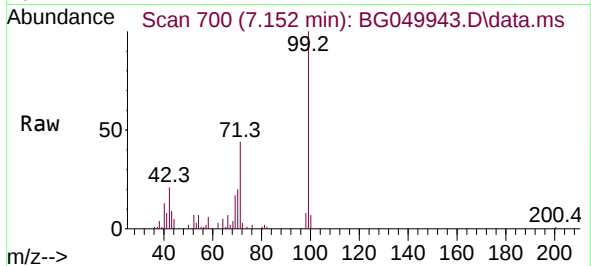




#7
Phenol-d6
Concen: 16.774 ng
RT: 7.152 min Scan# 700
Delta R.T. -0.005 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

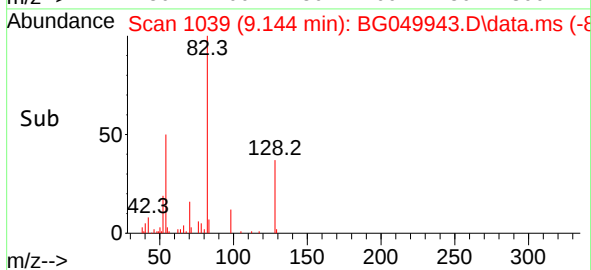
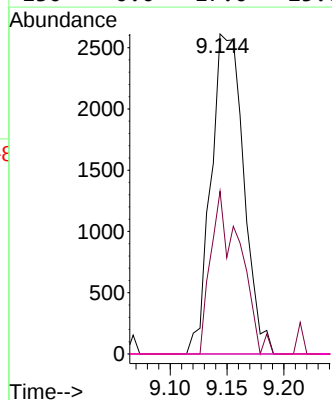
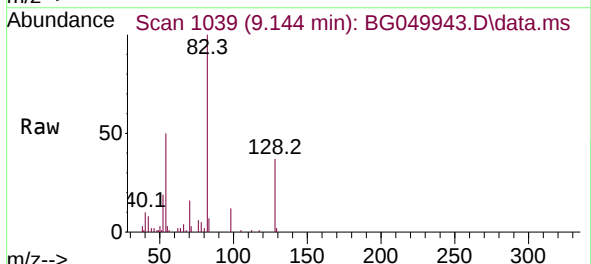
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

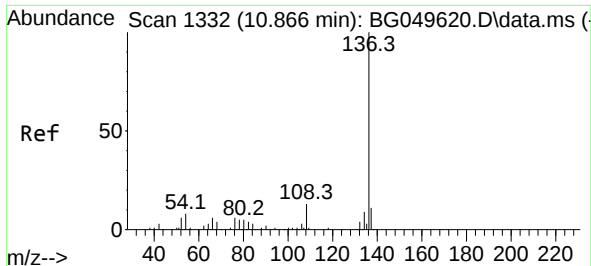
Tgt Ion:	99	Resp:	48524
Ion	Ratio	Lower	Upper
99	100		
42	21.1	20.5	30.7
71	43.7	41.5	62.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.694 ng
RT: 9.144 min Scan# 1039
Delta R.T. 0.347 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

Tgt Ion:	70	Resp:	5215
Ion	Ratio	Lower	Upper
70	100		
42	50.8	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

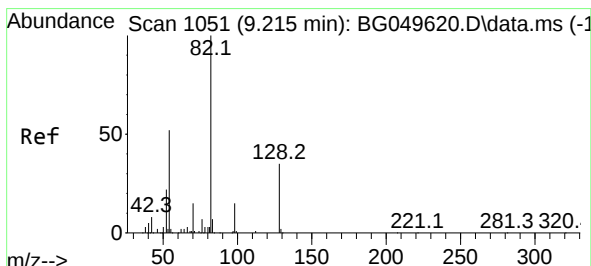
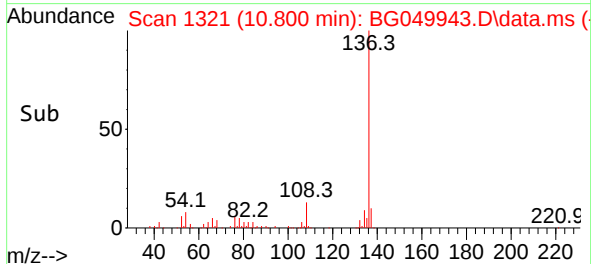
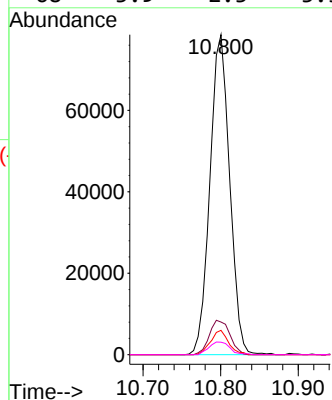
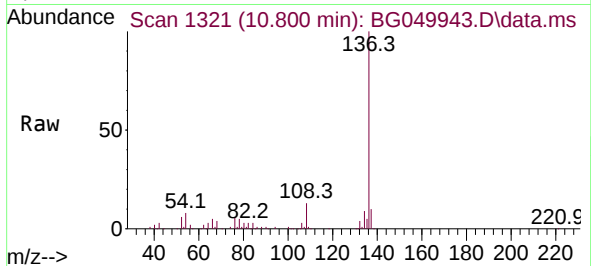




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 1321
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

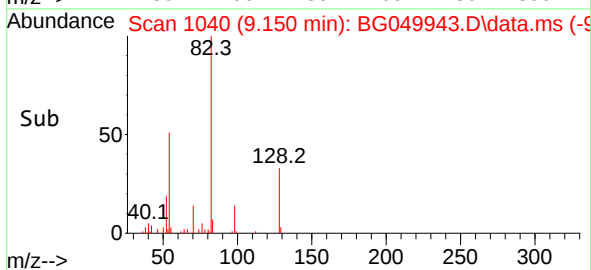
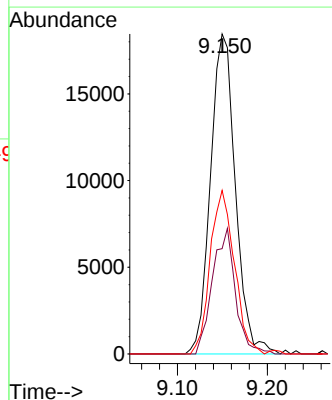
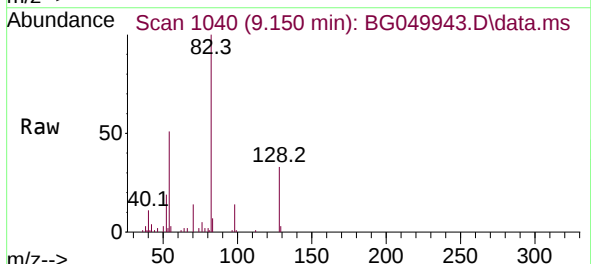
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

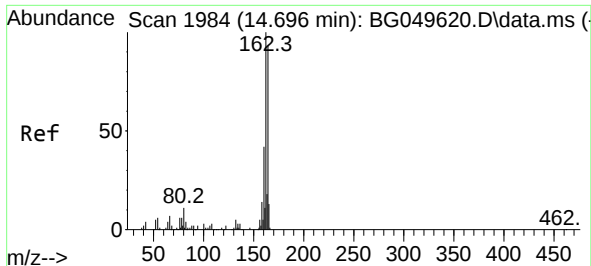
Tgt Ion:	136	Resp:	139010
Ion Ratio	Lower	Upper	
136	100		
137	10.2	8.2	12.2
54	7.6	5.5	8.3
68	3.9	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 11.312 ng
RT: 9.150 min Scan# 1040
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

Tgt Ion:	82	Resp:	35534
Ion Ratio	Lower	Upper	
82	100		
128	32.9	29.8	44.6
54	51.1	45.8	68.8

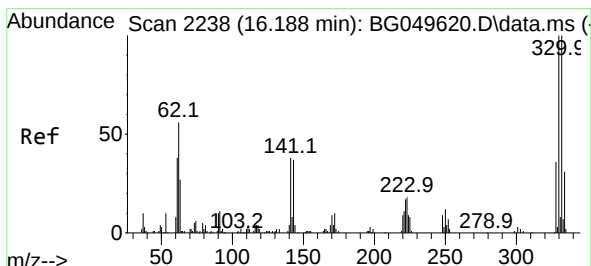
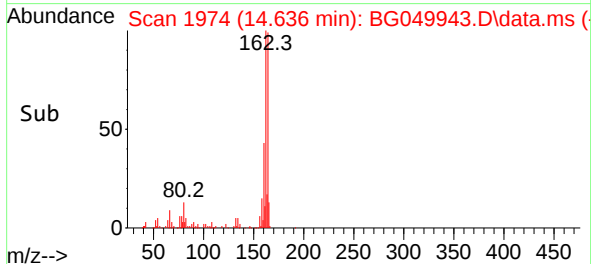
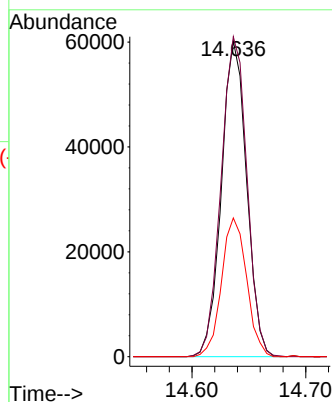
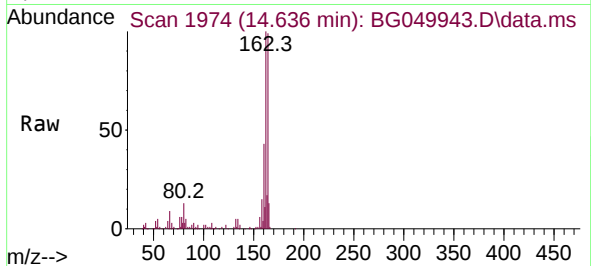




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.636 min Scan# 1974
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

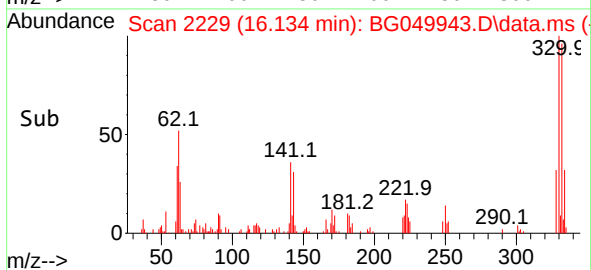
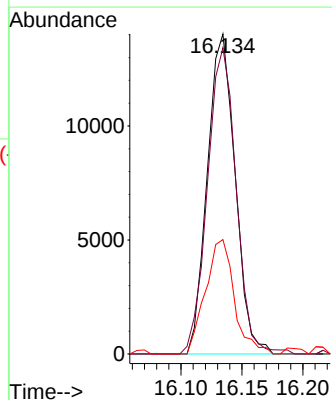
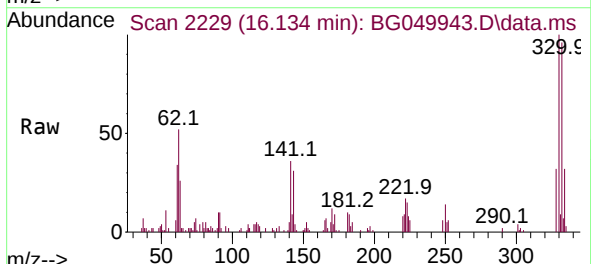
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

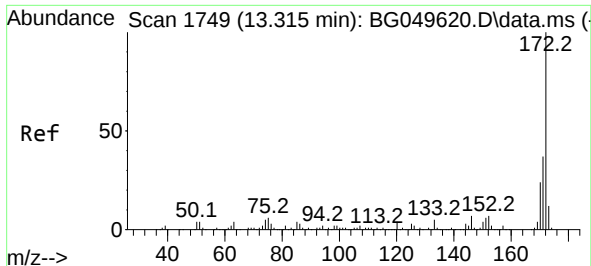
Tgt Ion:	164	Resp:	92737
Ion Ratio	Lower	Upper	
164	100		
162	101.3	81.4	122.0
160	43.9	34.9	52.3



#42
2,4,6-Tribromophenol
Concen: 16.318 ng
RT: 16.134 min Scan# 2229
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

Tgt Ion:	330	Resp:	22243
Ion Ratio	Lower	Upper	
330	100		
332	98.8	77.3	115.9
141	37.1	35.6	53.4

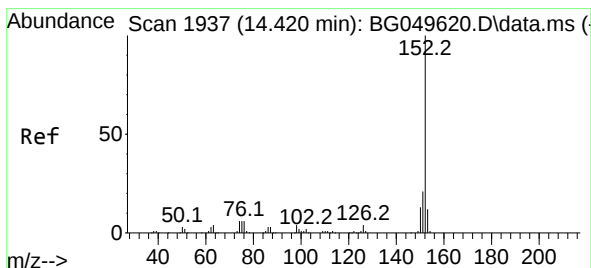
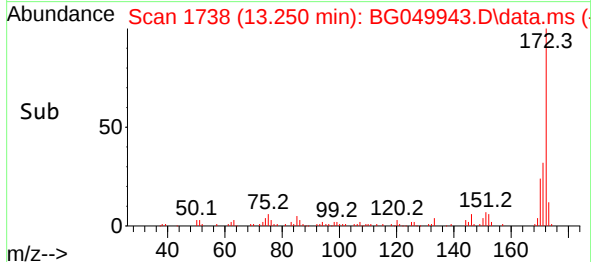
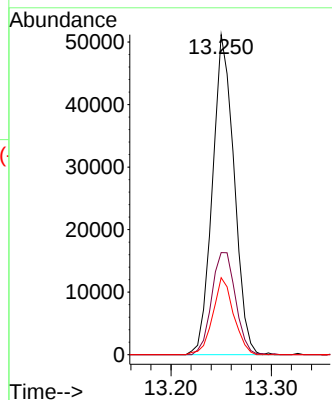
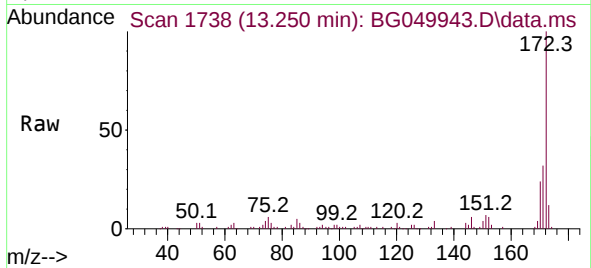




#45
2-Fluorobiphenyl
Concen: 12.039 ng
RT: 13.250 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

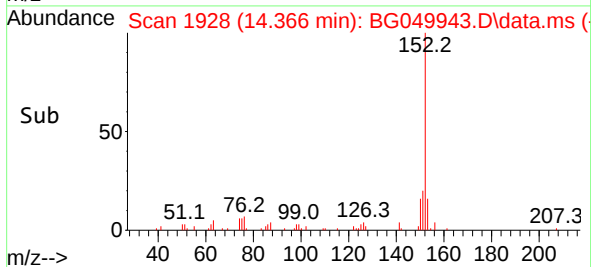
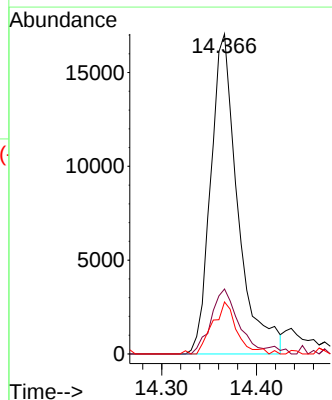
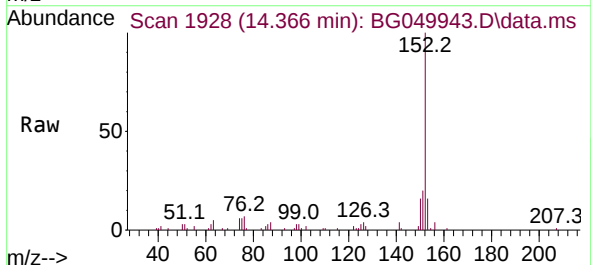
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

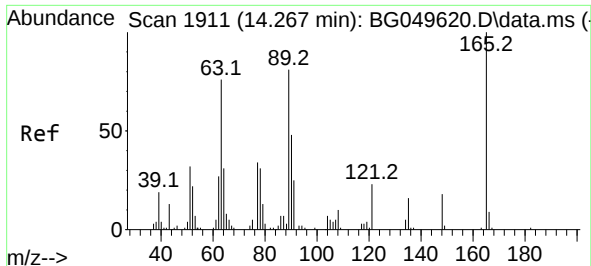
Tgt Ion:172	Resp:	76729
Ion Ratio	Lower	Upper
172	100	
171	31.9	28.6 43.0
170	24.0	18.6 27.8



#49
Acenaphthylene
Concen: 4.048 ng
RT: 14.366 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

Tgt Ion:152	Resp:	33848
Ion Ratio	Lower	Upper
152	100	
151	20.3	18.2 27.4
153	16.3	11.7 17.5

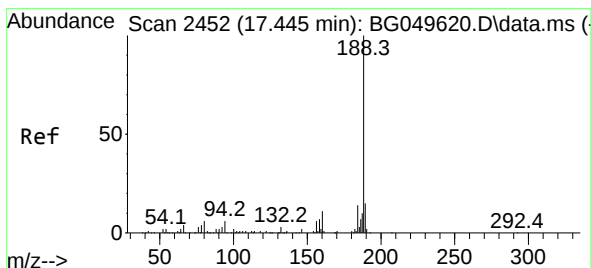
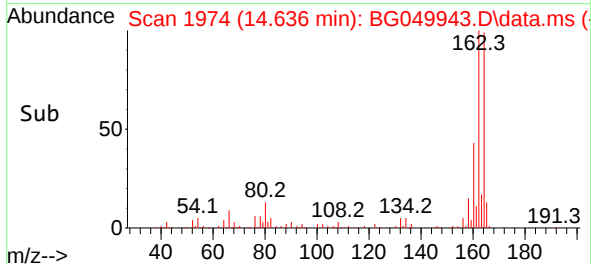
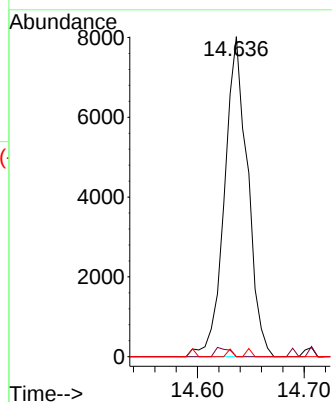
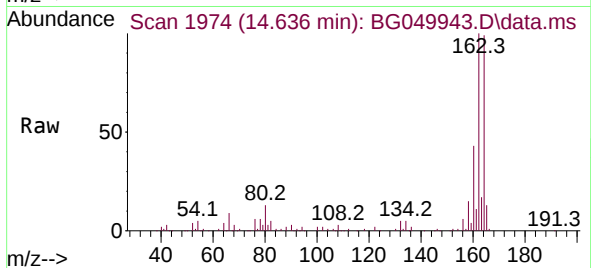




#51
2,6-Dinitrotoluene
Concen: 7.832 ng
RT: 14.636 min Scan# 1974
Delta R.T. 0.412 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

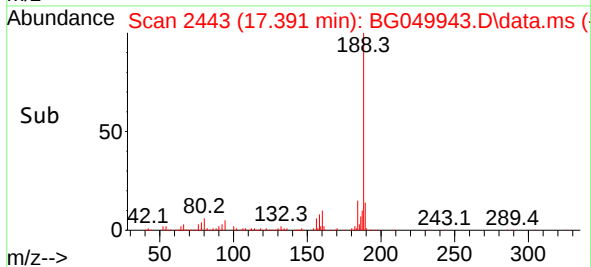
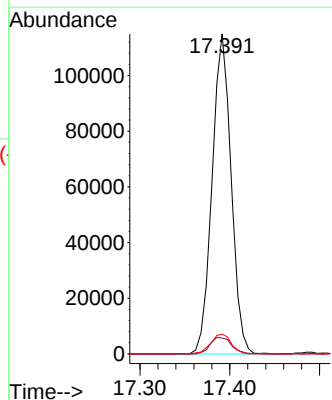
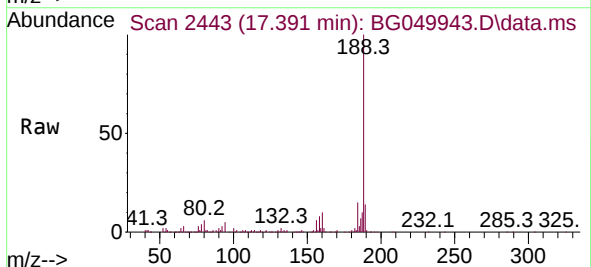
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

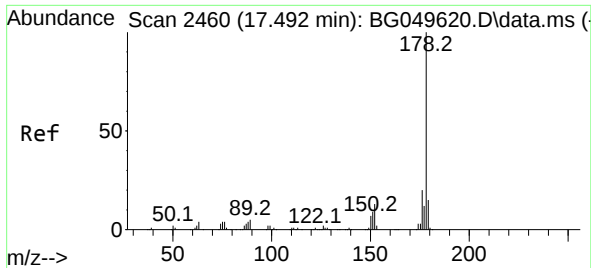
Tgt Ion:165 Resp: 12066
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.391 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

Tgt Ion:188 Resp: 168845
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.1 3.7 5.5#

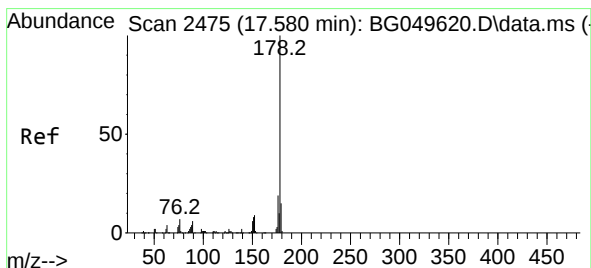
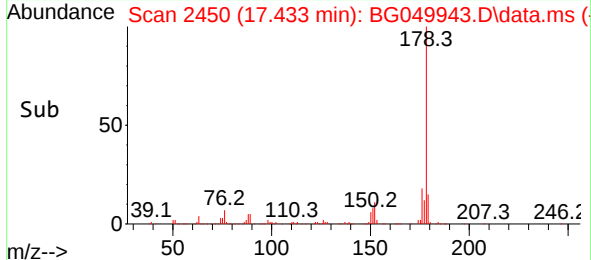
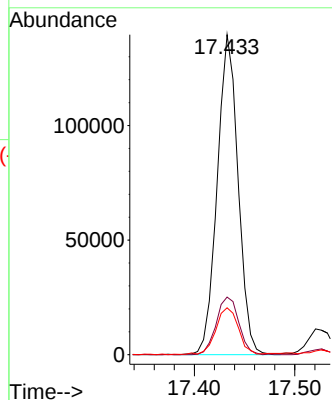
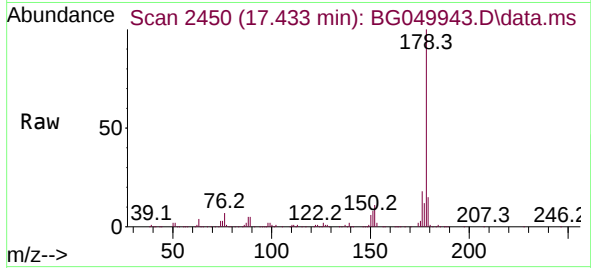




#71
Phenanthrene
Concen: 22.681 ng
RT: 17.433 min Scan# 2450
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

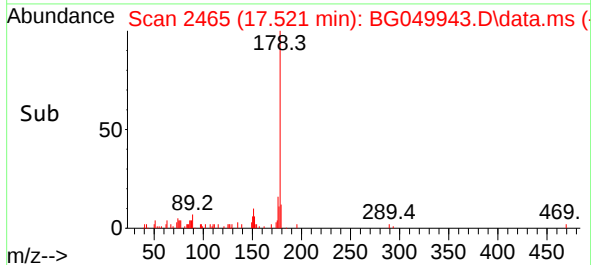
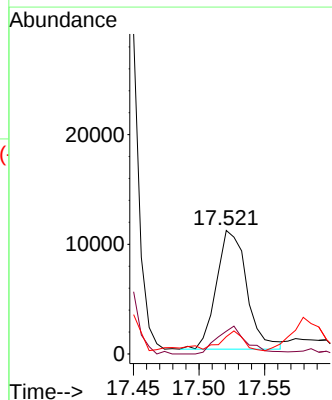
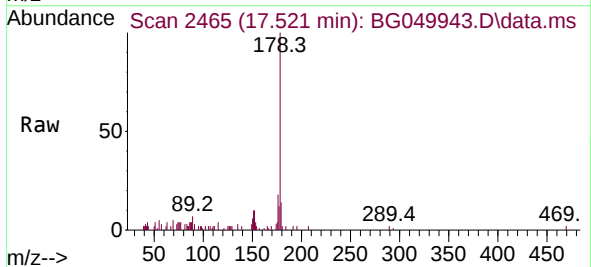
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

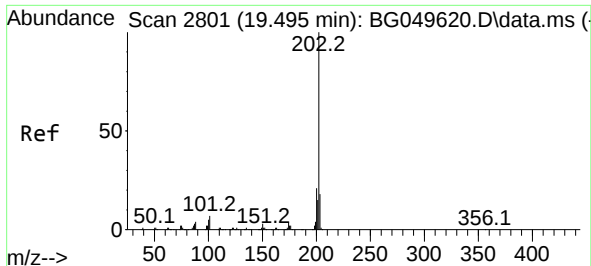
Tgt Ion:178	Resp:	201479
Ion Ratio	Lower	Upper
178	100	
176	18.0	16.0 24.0
179	14.6	14.2 21.4



#72
Anthracene
Concen: 2.004 ng
RT: 17.521 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

Tgt Ion:178	Resp:	17482
Ion Ratio	Lower	Upper
178	100	
176	18.4	14.6 21.8
179	14.0	13.4 20.0

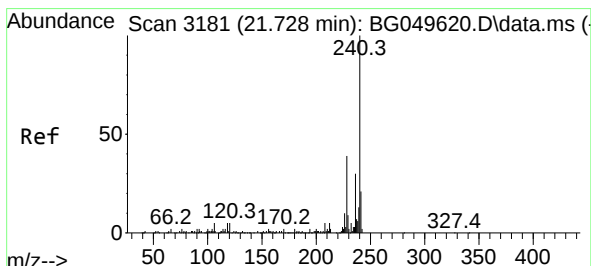
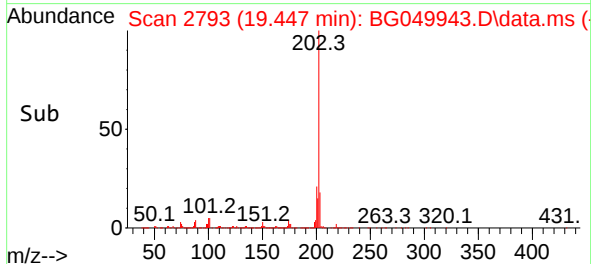
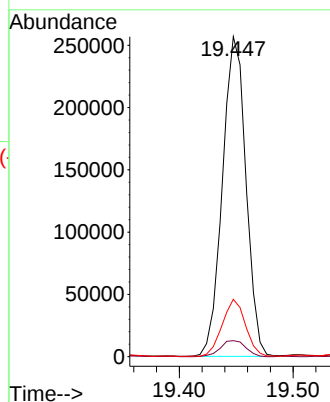
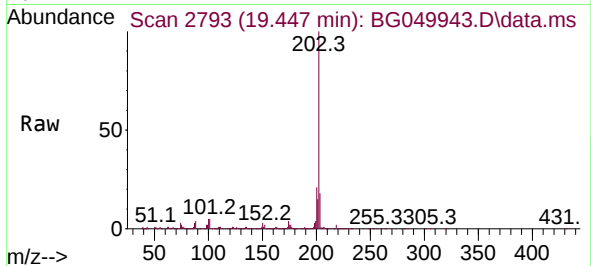




#75
Fluoranthene
Concen: 33.719 ng
RT: 19.447 min Scan# 2793
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

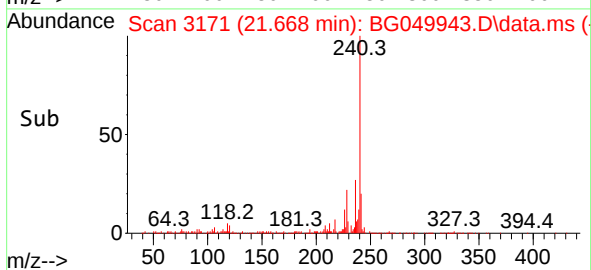
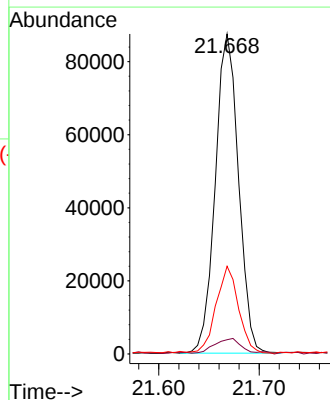
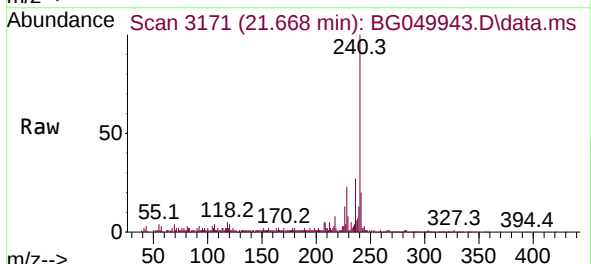
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

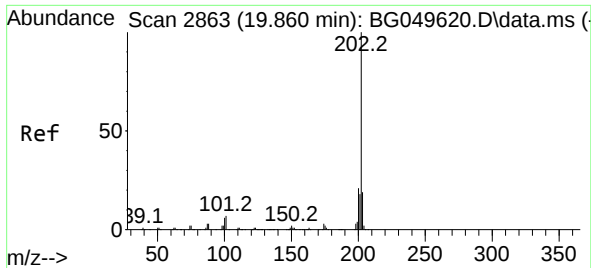
Tgt Ion:	202	Resp:	368591
Ion Ratio	Lower	Upper	
202	100		
101	5.0	0.0	24.7
203	18.0	0.0	38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.668 min Scan# 3171
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

Tgt Ion:	240	Resp:	140390
Ion Ratio	Lower	Upper	
240	100		
120	4.5	4.2	6.2
236	27.4	21.8	32.6

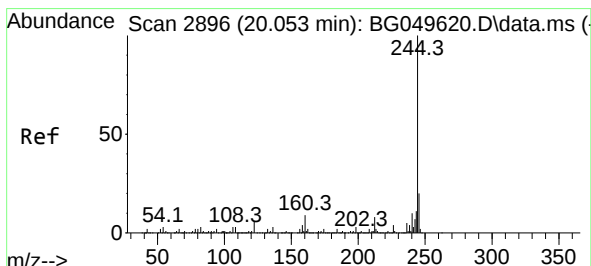
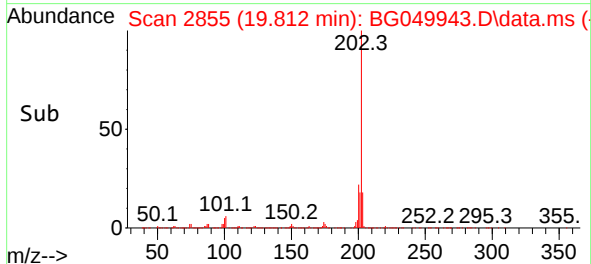
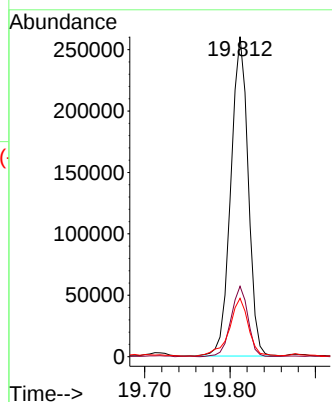
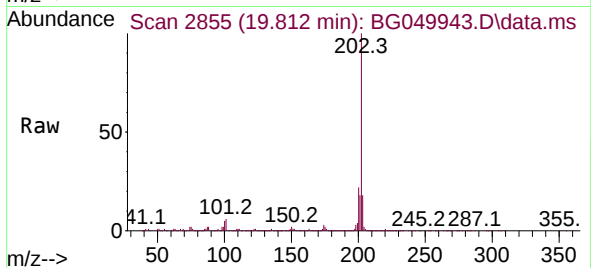




#78
Pyrene
Concen: 38.463 ng
RT: 19.812 min Scan# 2855
Delta R.T. -0.005 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

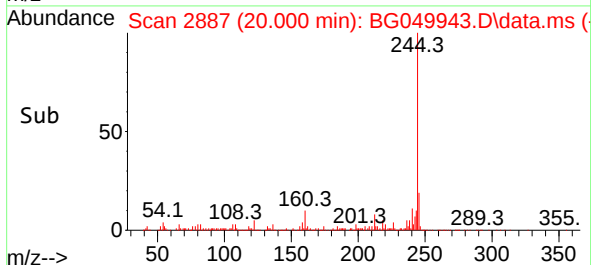
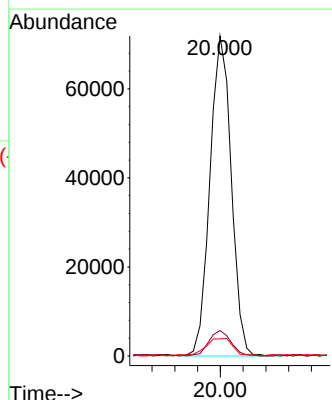
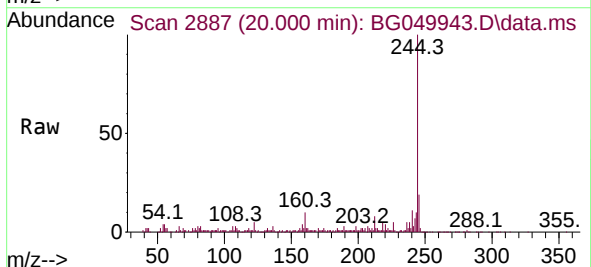
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

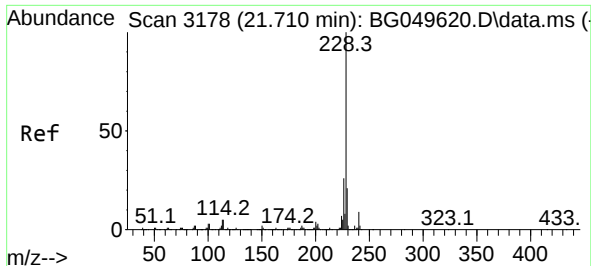
Tgt Ion:202 Resp: 368136
Ion Ratio Lower Upper
202 100
200 22.0 15.8 23.8
203 18.2 14.6 21.8



#79
Terphenyl-d14
Concen: 12.106 ng
RT: 20.000 min Scan# 2887
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

Tgt Ion:244 Resp: 93574
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 5.3 5.0 7.6

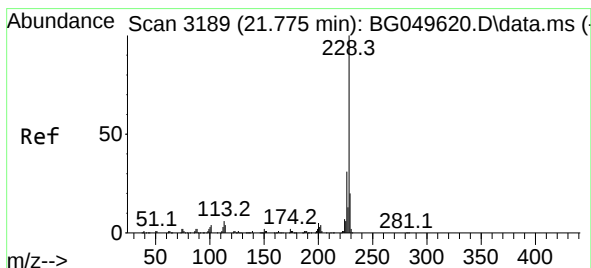
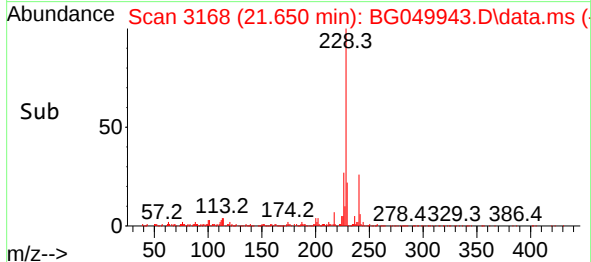
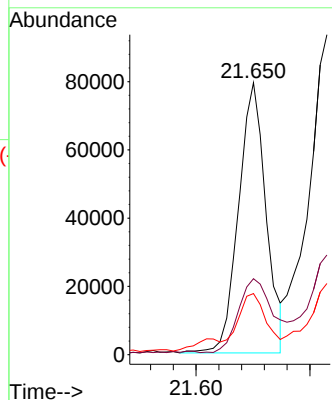
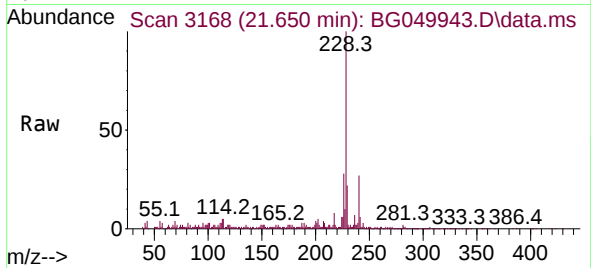




#81
Benzo(a)anthracene
Concen: 14.514 ng
RT: 21.650 min Scan# 3168
Delta R.T. -0.005 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

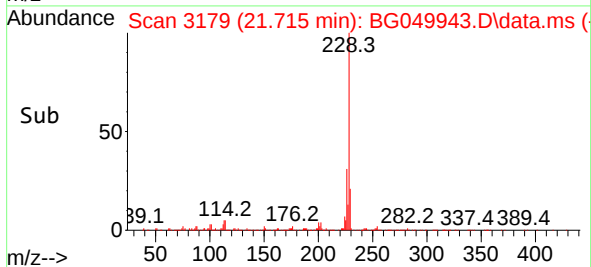
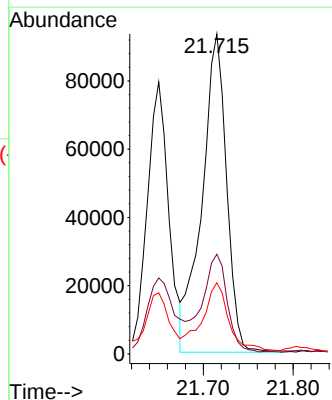
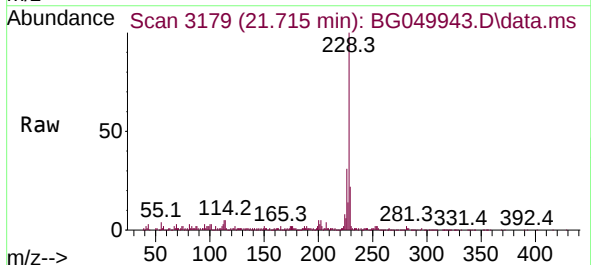
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

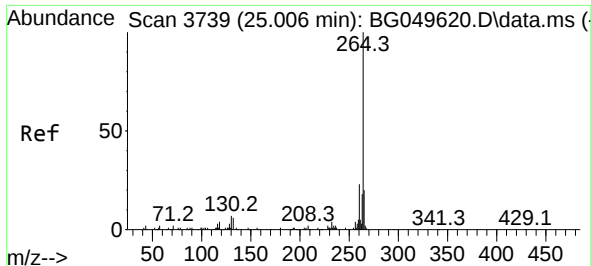
Tgt Ion:228 Resp: 132700
Ion Ratio Lower Upper
228 100
226 27.9 22.7 34.1
229 22.5 16.0 24.0



#83
Chrysene
Concen: 20.233 ng
RT: 21.715 min Scan# 3179
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

Tgt Ion:228 Resp: 176831
Ion Ratio Lower Upper
228 100
226 31.2 23.1 34.7
229 22.3 15.3 22.9

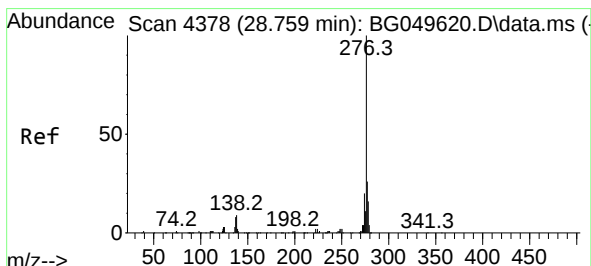
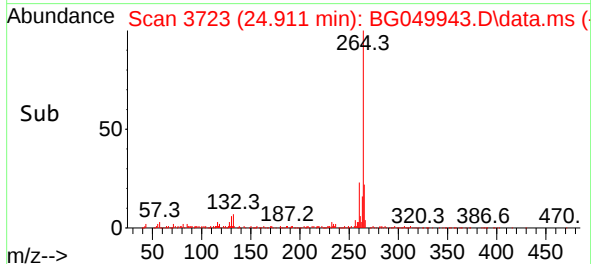
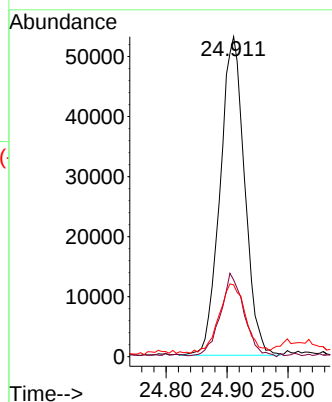
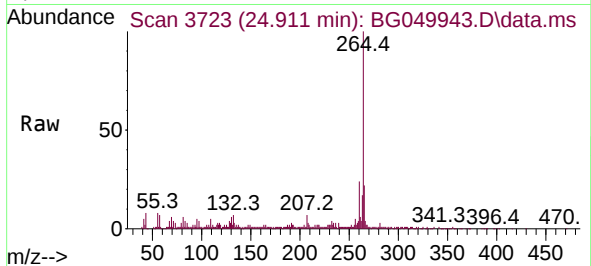




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.911 min Scan# 3723
 Delta R.T. -0.011 min
 Lab File: BG049943.D
 Acq: 23 Aug 2021 21:37

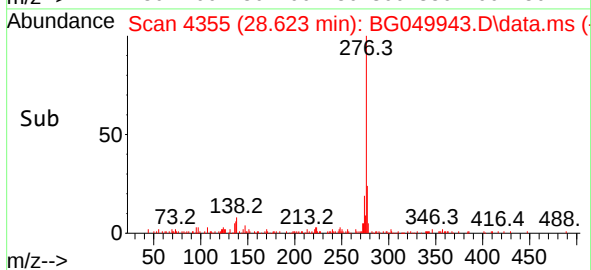
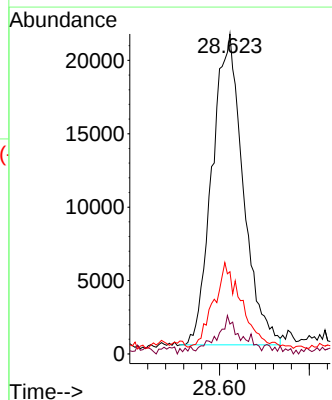
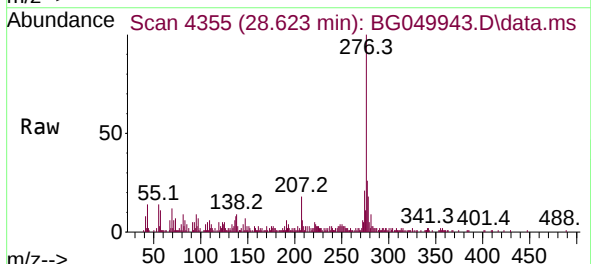
Instrument :
 BNA_G
 ClientSampleID :
 SWCS-02-0002DL

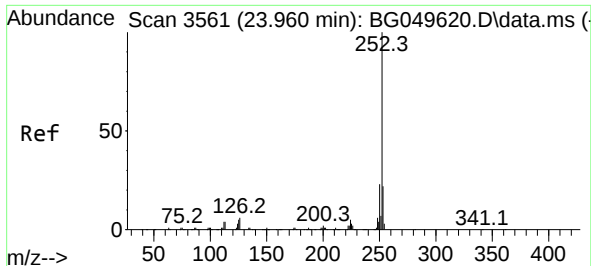
Tgt Ion:264 Resp: 148276
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.5 16.9 25.3



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.489 ng
 RT: 28.623 min Scan# 4355
 Delta R.T. -0.023 min
 Lab File: BG049943.D
 Acq: 23 Aug 2021 21:37

Tgt Ion:276 Resp: 101472
 Ion Ratio Lower Upper
 276 100
 138 7.0 5.1 7.7
 277 24.1 19.8 29.6

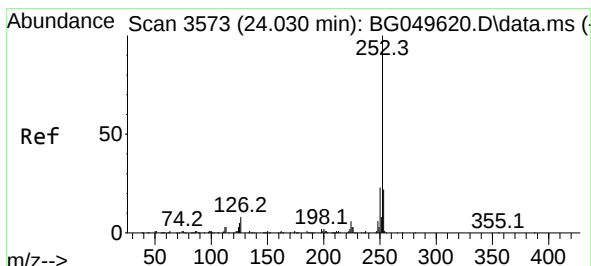
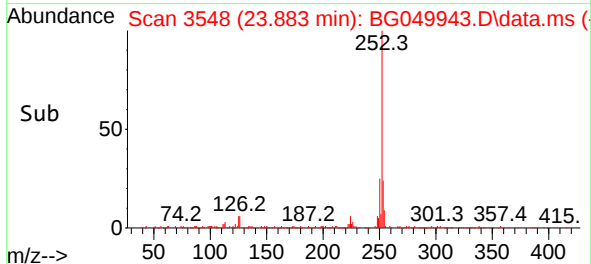
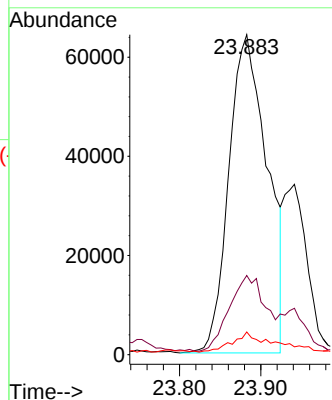
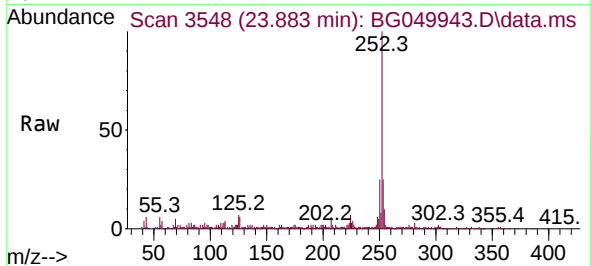




#88
Benzo(b)fluoranthene
Concen: 21.667 ng
RT: 23.883 min Scan# 3548
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

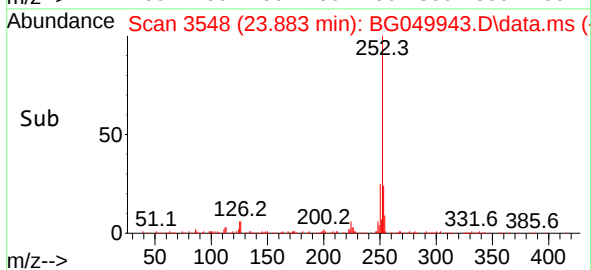
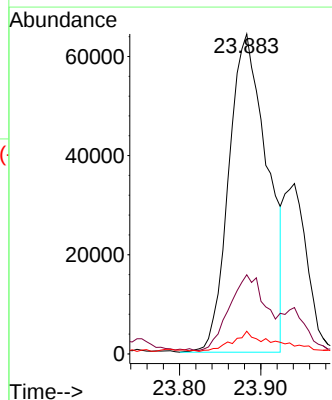
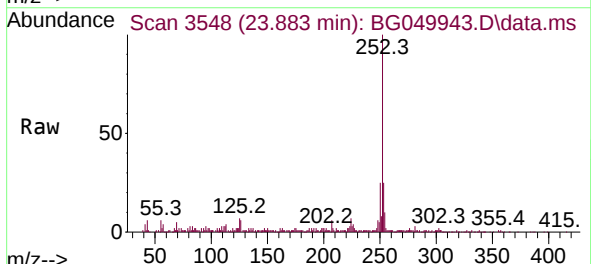
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

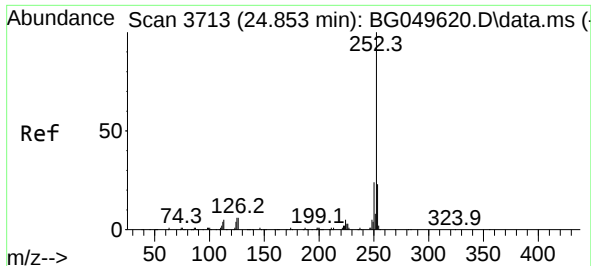
Tgt Ion:252 Resp: 210705
Ion Ratio Lower Upper
252 100
253 24.7 16.2 24.4#
125 7.1 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 23.229 ng
RT: 23.883 min Scan# 3548
Delta R.T. -0.076 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

Tgt Ion:252 Resp: 210705
Ion Ratio Lower Upper
252 100
253 24.7 18.0 27.0
125 7.1 3.1 4.7#

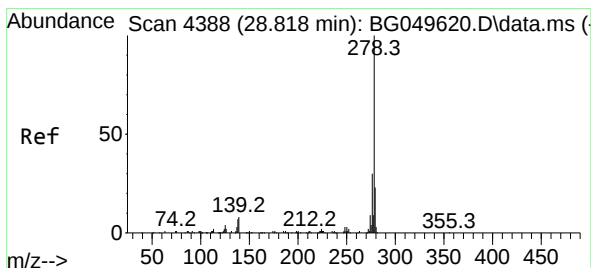
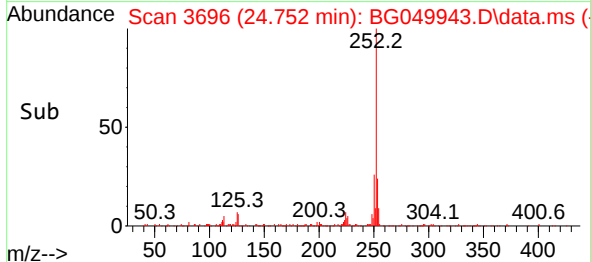
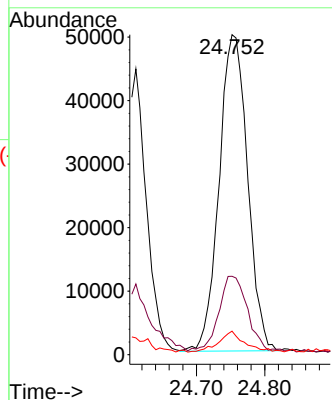
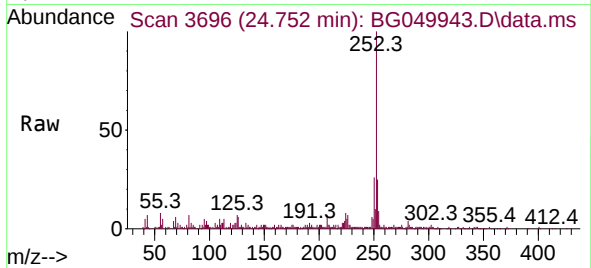




#90
Benzo(a)pyrene
Concen: 16.391 ng
RT: 24.752 min Scan# 3696
Delta R.T. -0.023 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

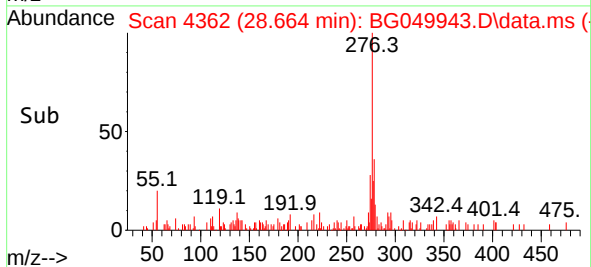
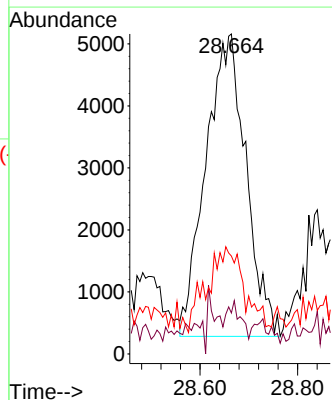
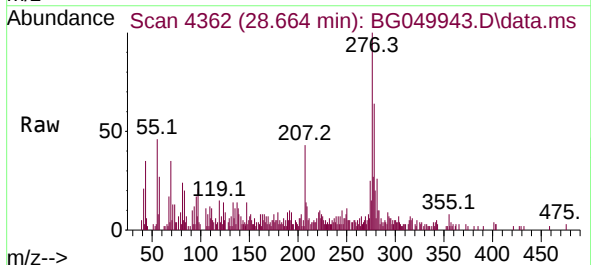
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

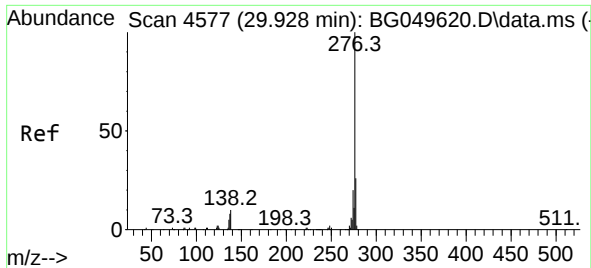
Tgt Ion:252 Resp: 144256
Ion Ratio Lower Upper
252 100
253 24.5 16.6 25.0
125 7.4 3.5 5.3#



#91
Dibenzo(a,h)anthracene
Concen: 3.097 ng
RT: 28.664 min Scan# 4362
Delta R.T. -0.035 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

Tgt Ion:278 Resp: 27908
Ion Ratio Lower Upper
278 100
139 12.8 4.6 6.8#
279 30.6 17.9 26.9#





#92
 Benzo(g,h,i)perylene
 Concen: 10.617 ng
 RT: 29.786 min Scan# 4553
 Delta R.T. -0.029 min
 Lab File: BG049943.D
 Acq: 23 Aug 2021 21:37

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-02-0002DL

Tgt Ion:	276	Resp:	93725
Ion Ratio	Lower	Upper	
276	100		
277	26.5	18.4	27.6
138	9.5	7.0	10.6

