

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
 Data File : BG049927.D
 Acq On : 21 Aug 2021 2:59
 Operator : CG/JU
 Sample : M3419-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

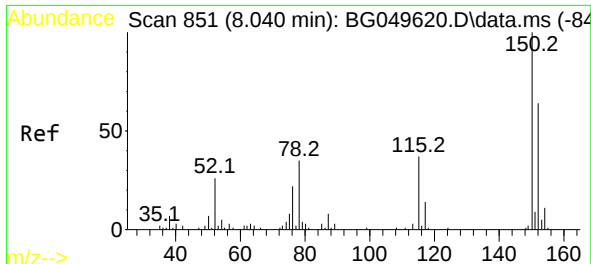
Instrument :
 BNA_G
 ClientSampleId :
 SWCS-09-0002

Quant Time: Aug 21 05:23:24 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	7.987	152	35714	20.000	ng	# 0.01
21) Naphthalene-d8	10.813	136	145496	20.000	ng	# 0.02
39) Acenaphthene-d10	14.655	164	88087	20.000	ng	0.02
64) Phenanthrene-d10	17.410	188	149507	20.000	ng	# 0.02
76) Chrysene-d12	21.692	240	119289	20.000	ng	0.03
86) Perylene-d12	24.953	264	58510	20.000	ng	# 0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.550	112	215404	108.119	ng	0.02
7) Phenol-d6	7.171	99	303087	100.499	ng	0.03
23) Nitrobenzene-d5	9.168	82	215979	65.688	ng	0.02
42) 2,4,6-Tribromophenol	16.153	330	130493	100.785	ng	0.02
45) 2-Fluorobiphenyl	13.268	172	443542	73.267	ng	0.02
79) Terphenyl-d14	20.018	244	463985	70.643	ng	0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.168	70	32896	16.300	ng	# 66
32) Benzoic acid	10.231	122	69	4.991	ng	# 27
41) Hexachlorocyclopentadiene	12.740	237	68	3.587	ng	# 31
51) 2,6-Dinitrotoluene	14.649	165	12012	8.209	ng	# 13
67) 4-Bromophenyl-phenylether	16.147	248	7838	4.451	ng	# 1
71) Phenanthrene	17.445	178	29299	3.725	ng	98
72) Anthracene	17.445	178	29299	3.793	ng	94
75) Fluoranthene	19.466	202	84106	8.689	ng	98
78) Pyrene	19.824	202	86565	10.644	ng	95
81) Benzo(a)anthracene	21.669	228	39214	5.048	ng	# 87
83) Chrysene	21.733	228	40312	5.428	ng	# 82
84) Bis(2-ethylhexyl)phtha...	21.551	149	19511	4.450	ng	# 93
88) Benzo(b)fluoranthene	23.913	252	39626	10.326	ng	# 70
89) Benzo(k)fluoranthene	23.913	252	39626	11.071	ng	# 75
90) Benzo(a)pyrene	24.800	252	21708	6.251	ng	# 42
92) Benzo(g,h,i)perylene	29.864	276	14686	4.216	ng	# 54

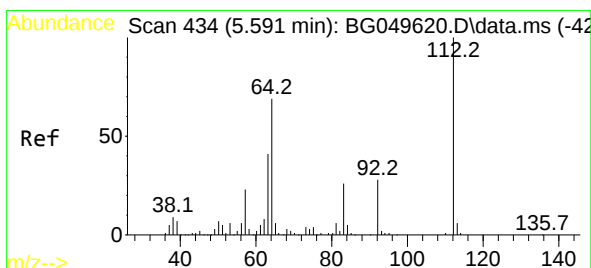
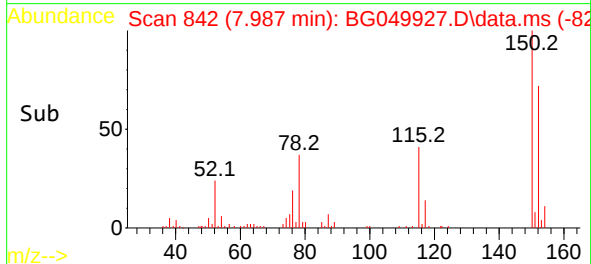
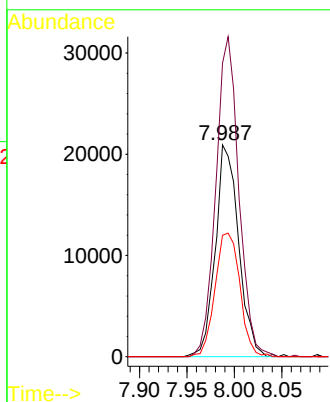
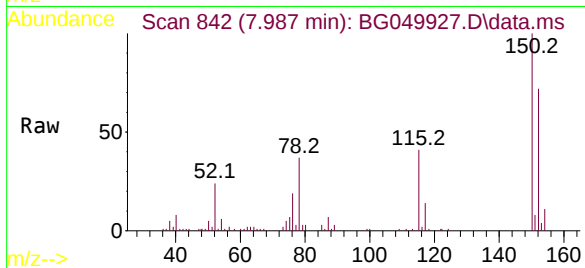
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 842
Delta R.T. 0.010 min
Lab File: BG049927.D
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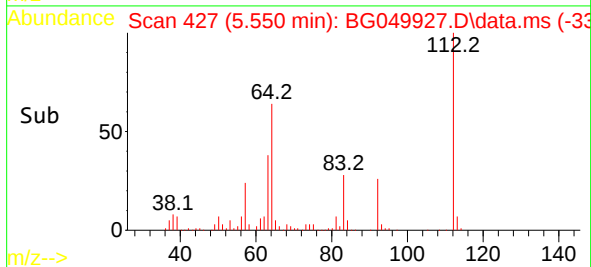
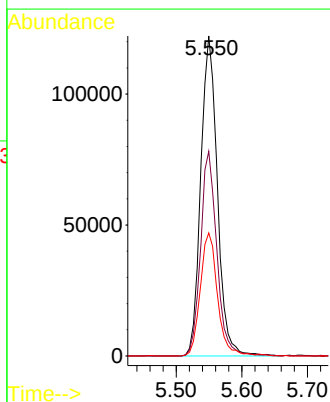
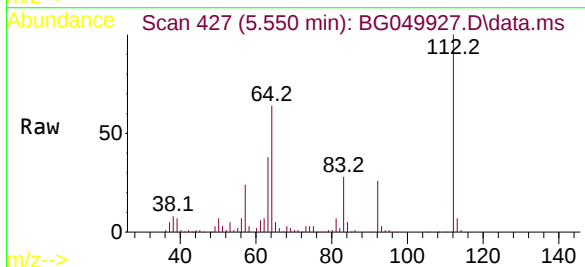
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

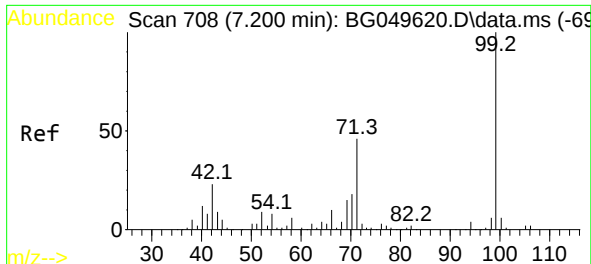
Tgt Ion:152 Resp: 35714
Ion Ratio Lower Upper
152 100
150 138.5 119.4 179.0
115 57.3 60.2 90.4#



#5
2-Fluorophenol
Concen: 108.119 ng
RT: 5.550 min Scan# 427
Delta R.T. 0.022 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion:112 Resp: 215404
Ion Ratio Lower Upper
112 100
64 64.0 46.7 70.1
63 38.4 35.3 52.9

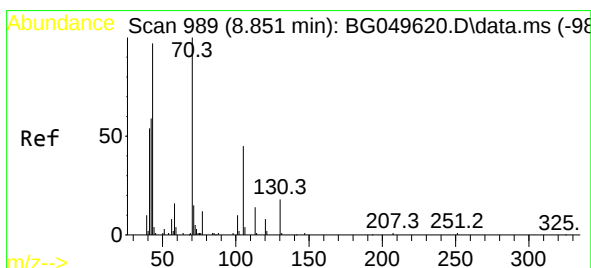
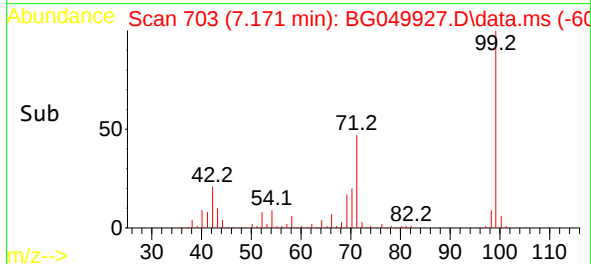
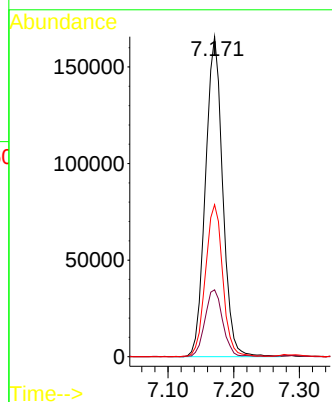
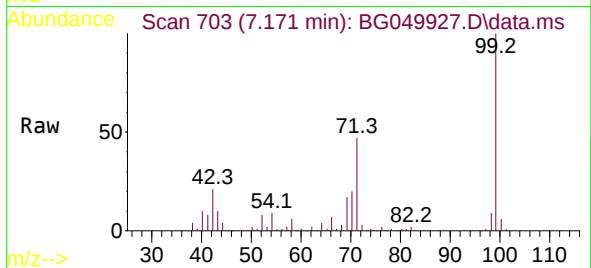




#7
Phenol-d6
Concen: 100.499 ng
RT: 7.171 min Scan# 703
Delta R.T. 0.028 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

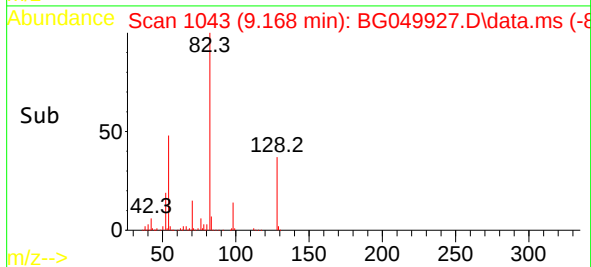
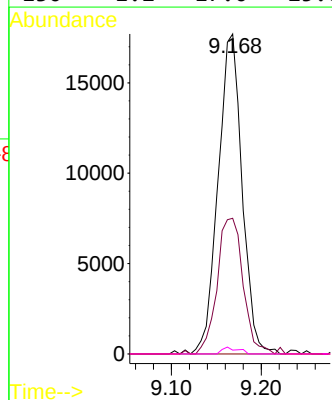
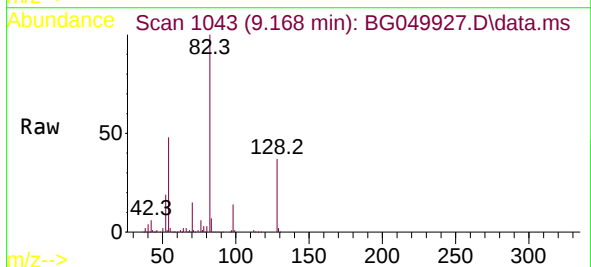
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

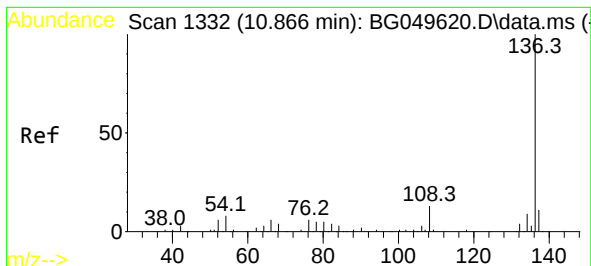
Tgt Ion: 99 Resp: 303087
Ion Ratio Lower Upper
99 100
42 20.9 20.5 30.7
71 47.5 41.5 62.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.300 ng
RT: 9.168 min Scan# 1043
Delta R.T. 0.380 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion: 70 Resp: 32896
Ion Ratio Lower Upper
70 100
42 42.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.2 17.0 25.6#

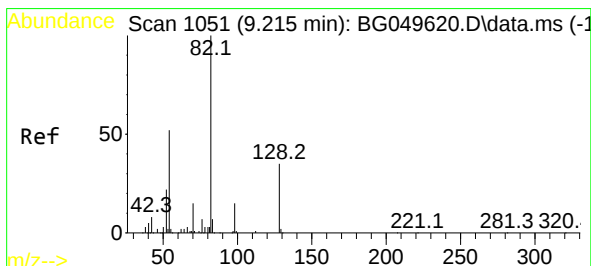
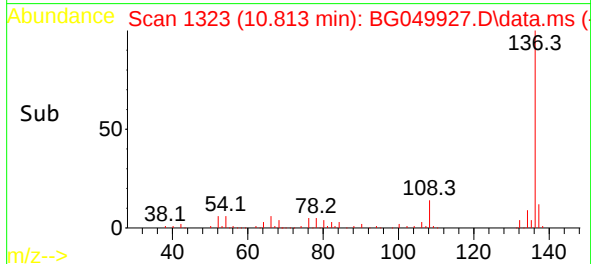
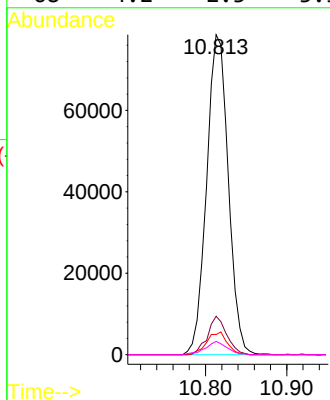
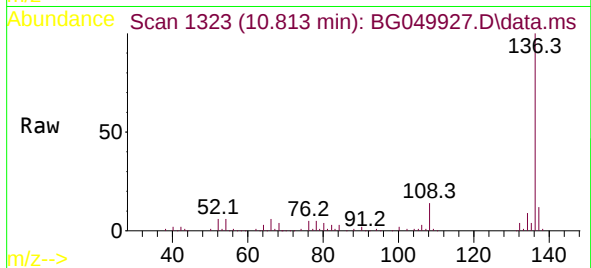




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.813 min Scan# 1323
Delta R.T. 0.016 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

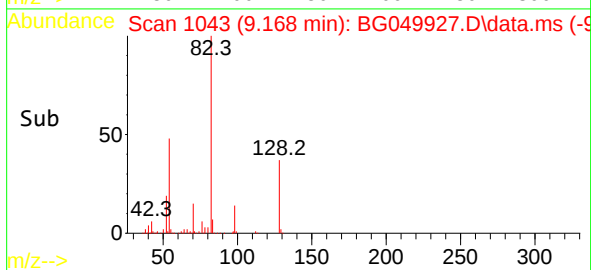
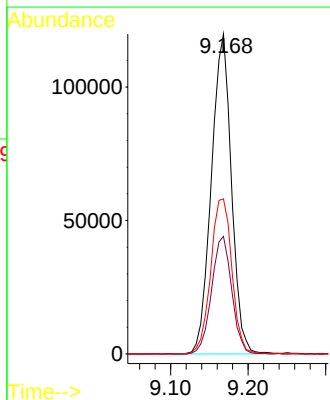
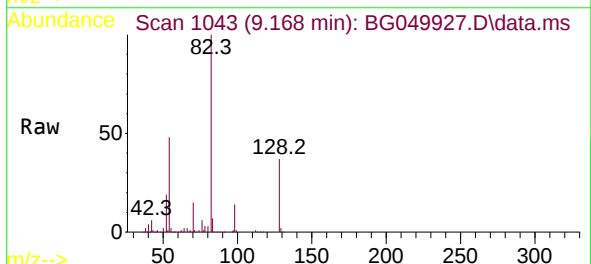
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

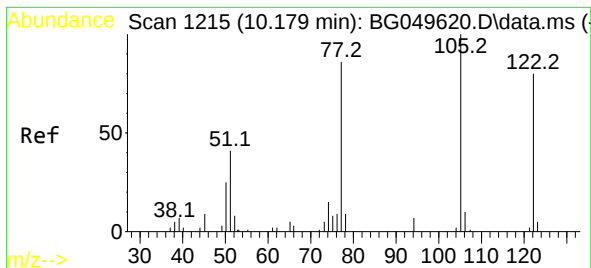
Tgt Ion:	136	Resp:	145496
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.2	12.2
54	6.3	5.5	8.3
68	4.2	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 65.688 ng
RT: 9.168 min Scan# 1043
Delta R.T. 0.016 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion:	82	Resp:	215979
Ion Ratio	Lower	Upper	
82	100		
128	36.8	29.8	44.6
54	48.5	45.8	68.8

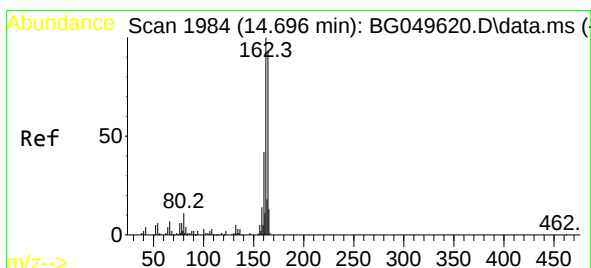
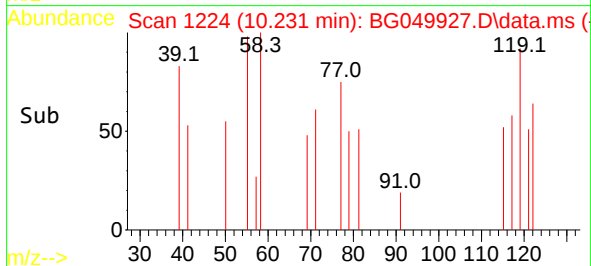
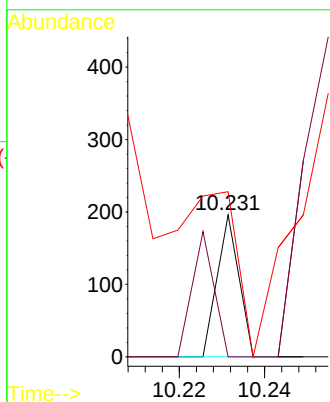
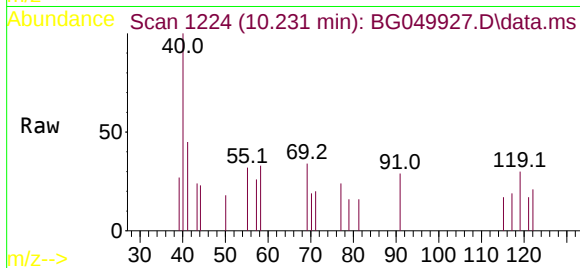




#32
Benzoic acid
Concen: 4.991 ng
RT: 10.231 min Scan# 1224
Delta R.T. 0.110 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

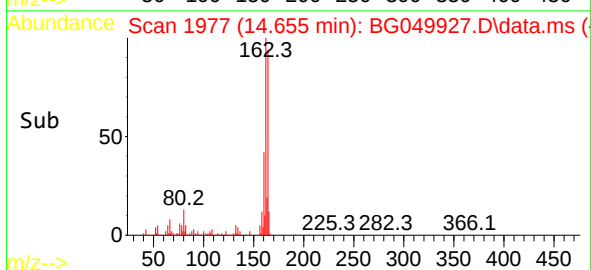
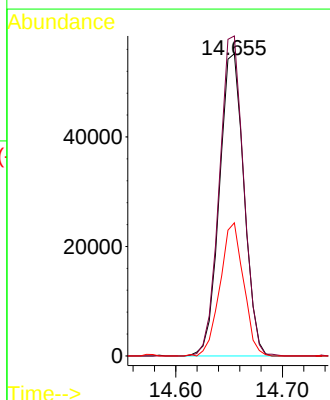
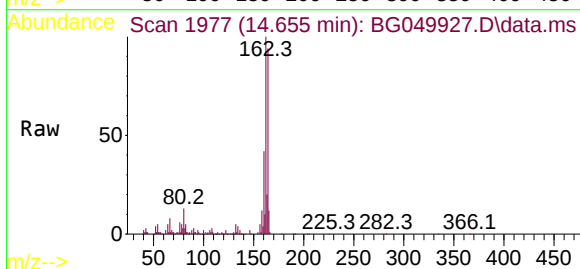
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

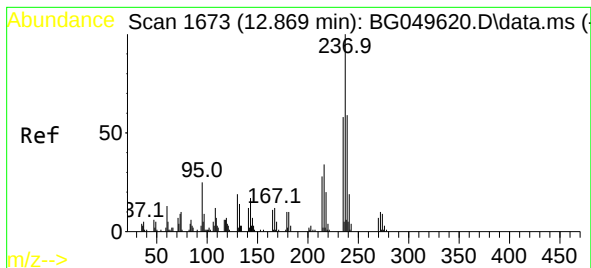
Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 0.0 92.3 132.3#
77 116.3 66.5 106.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.655 min Scan# 1977
Delta R.T. 0.016 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion:164 Resp: 88087
Ion Ratio Lower Upper
164 100
162 105.9 81.4 122.0
160 44.0 34.9 52.3

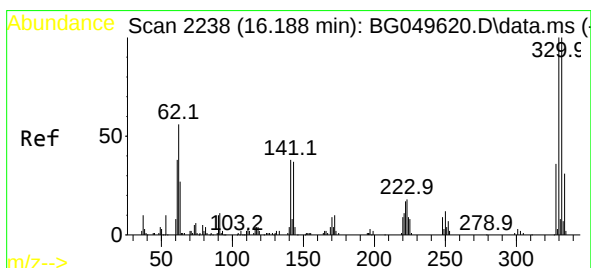
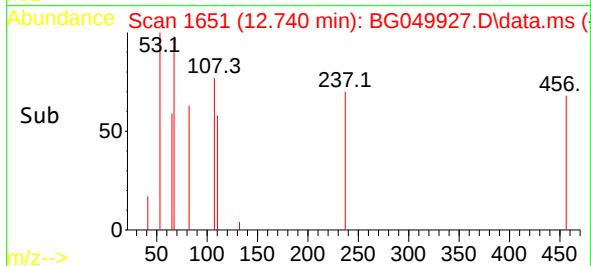
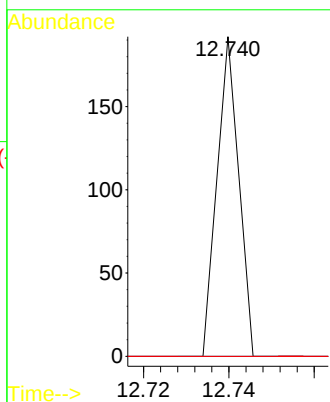
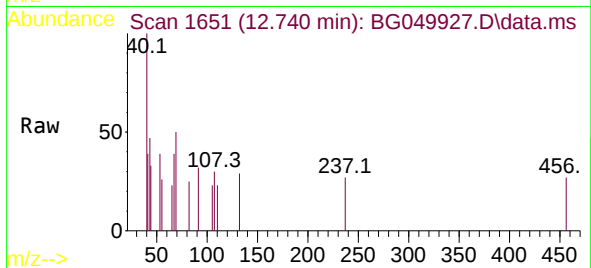




#41
Hexachlorocyclopentadiene
Concen: 3.587 ng
RT: 12.740 min Scan# 1651
Delta R.T. -0.060 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

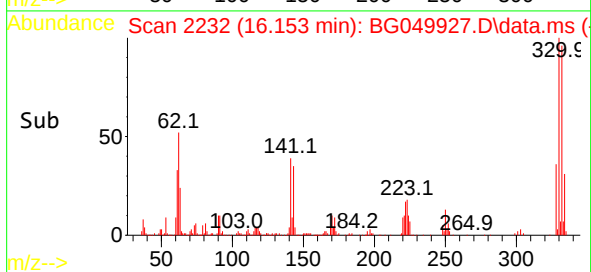
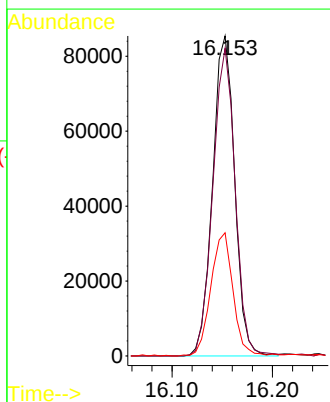
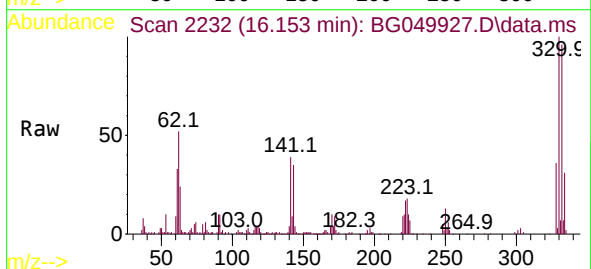
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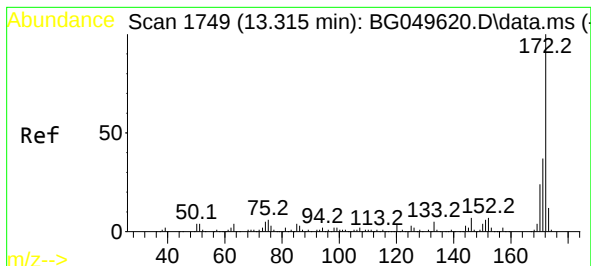
Tgt Ion:237 Resp: 68
Ion Ratio Lower Upper
237 100
235 0.0 36.6 76.6#
272 0.0 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 100.785 ng
RT: 16.153 min Scan# 2232
Delta R.T. 0.022 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion:330 Resp: 130493
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 39.0 35.6 53.4

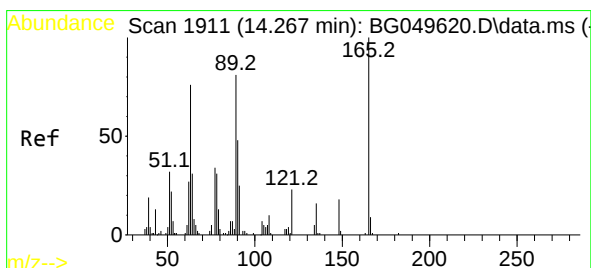
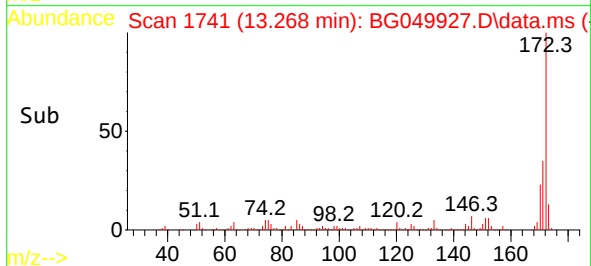
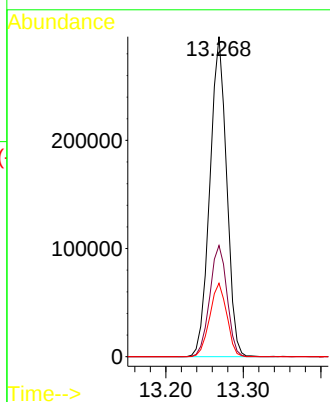
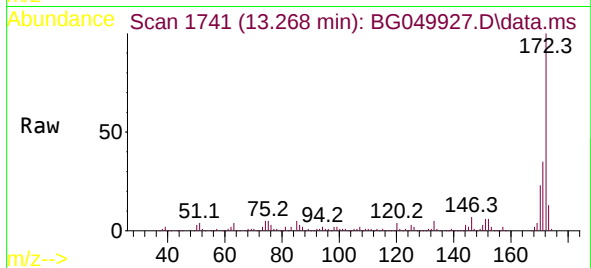




#45
2-Fluorobiphenyl
Concen: 73.267 ng
RT: 13.268 min Scan# 1741
Delta R.T. 0.016 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

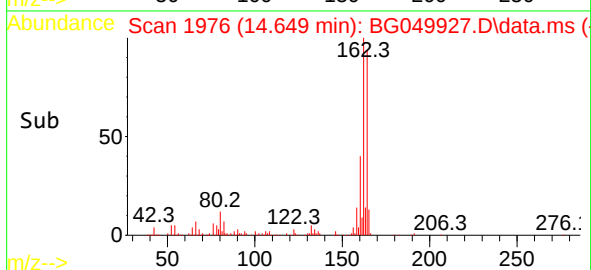
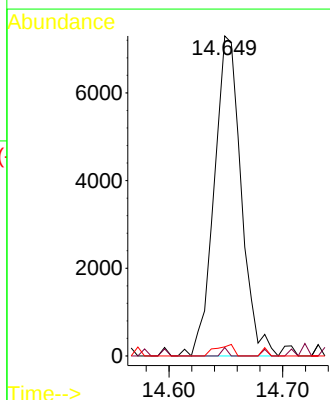
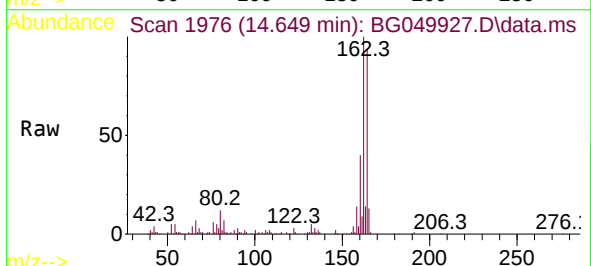
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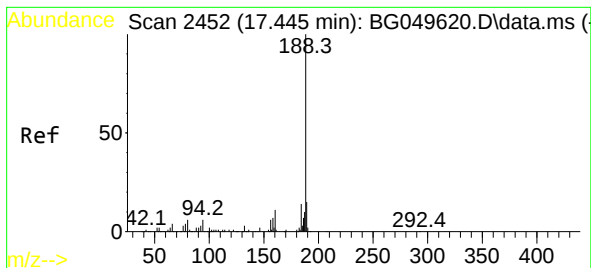
Tgt Ion:172 Resp: 443542
Ion Ratio Lower Upper
172 100
171 34.8 28.6 43.0
170 23.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.209 ng
RT: 14.649 min Scan# 1976
Delta R.T. 0.439 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion:165 Resp: 12012
Ion Ratio Lower Upper
165 100
63 2.7 63.3 94.9#
89 2.8 63.4 95.0#

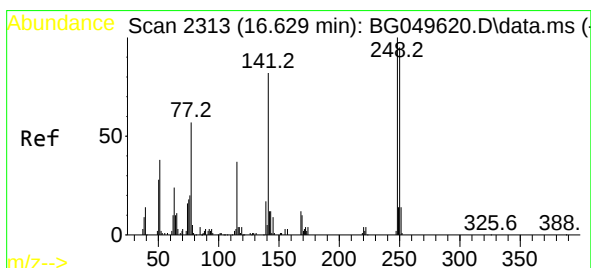
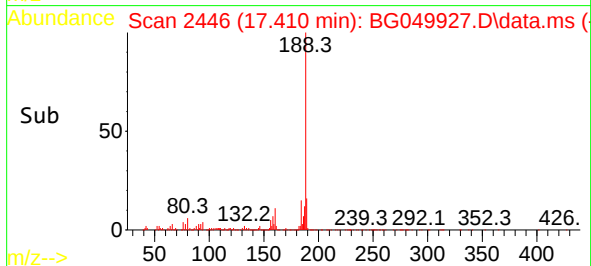
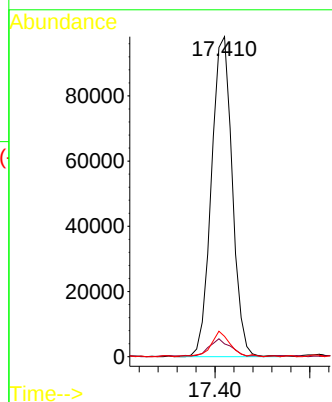
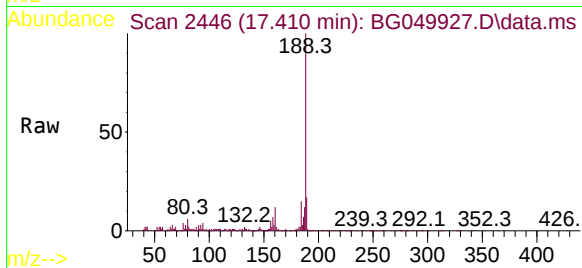




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.410 min Scan# 2446
Delta R.T. 0.022 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

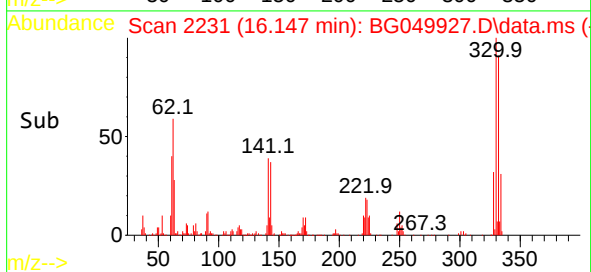
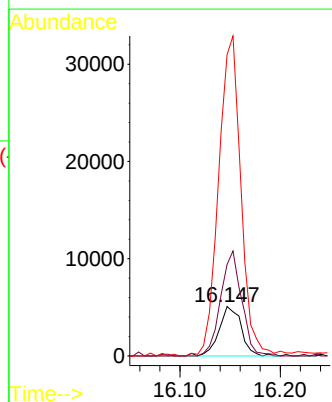
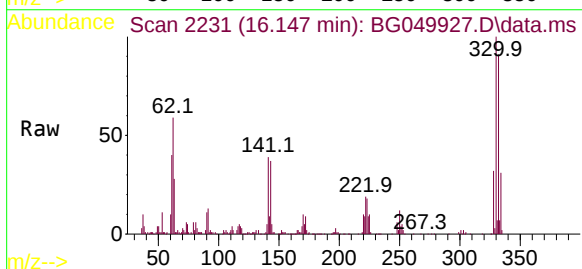
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

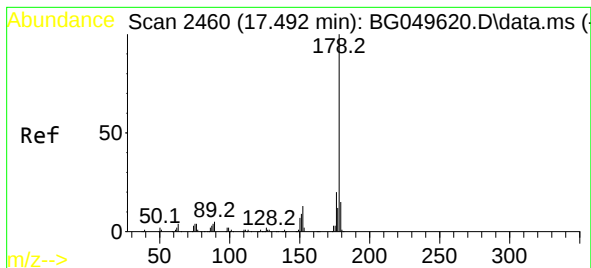
Tgt Ion:188 Resp: 149507
Ion Ratio Lower Upper
188 100
94 4.0 5.4 8.0#
80 6.4 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.451 ng
RT: 16.147 min Scan# 2231
Delta R.T. -0.424 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion:248 Resp: 7838
Ion Ratio Lower Upper
248 100
250 185.2 76.1 114.1#
141 609.2 65.4 98.2#

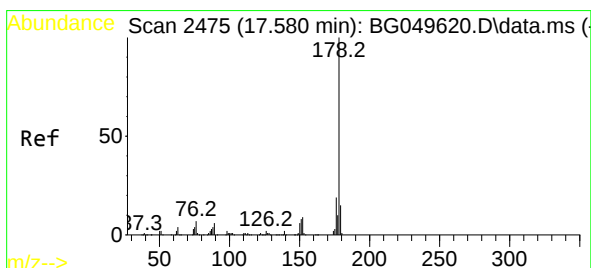
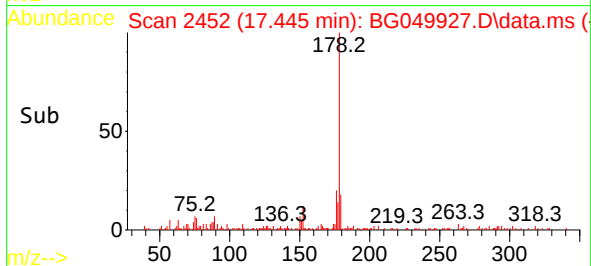
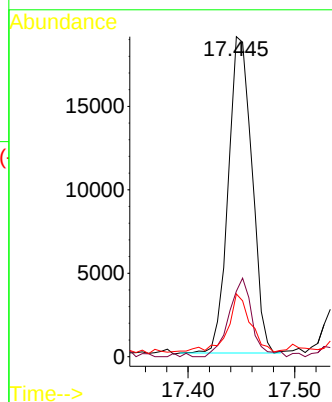
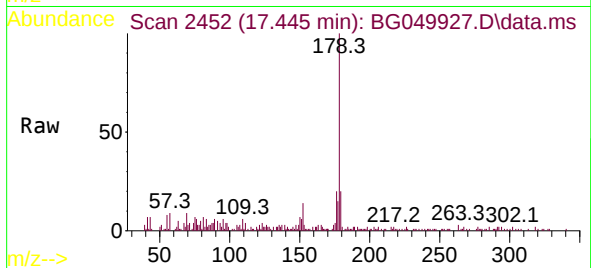




#71
Phenanthrene
Concen: 3.725 ng
RT: 17.445 min Scan# 2452
Delta R.T. 0.016 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

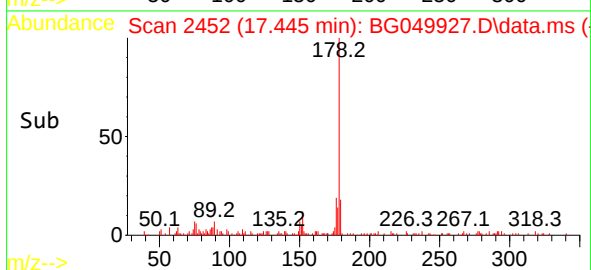
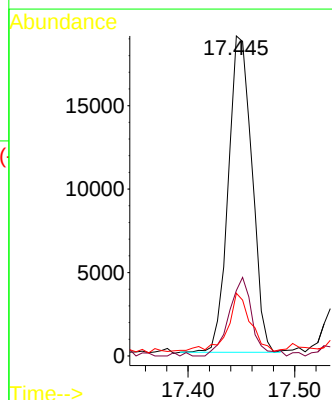
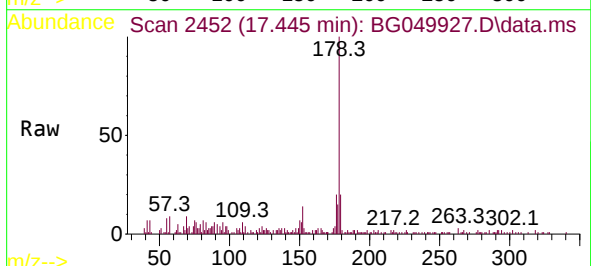
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

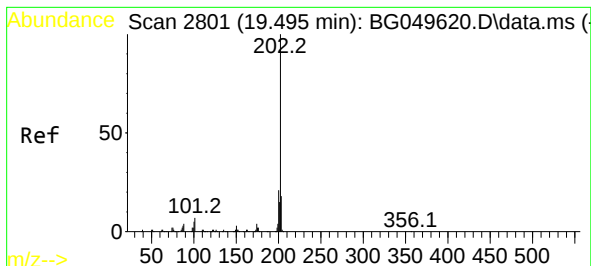
Tgt Ion:178 Resp: 29299
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 19.6 14.2 21.4



#72
Anthracene
Concen: 3.793 ng
RT: 17.445 min Scan# 2452
Delta R.T. -0.078 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion:178 Resp: 29299
Ion Ratio Lower Upper
178 100
176 20.4 14.6 21.8
179 19.6 13.4 20.0

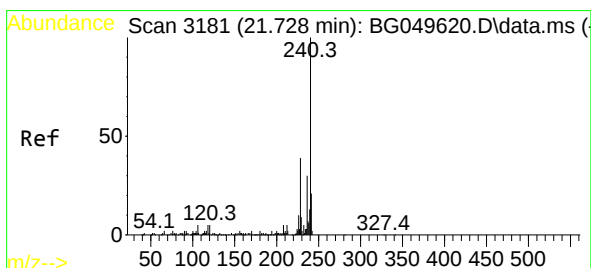
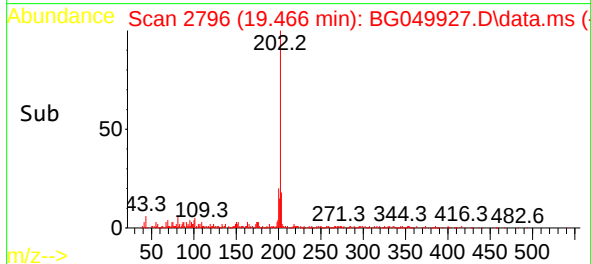
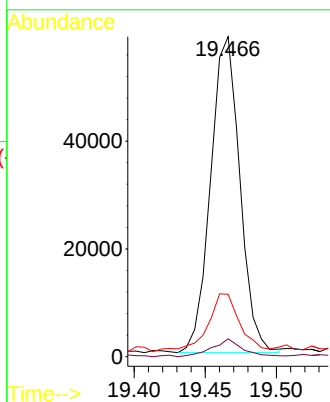
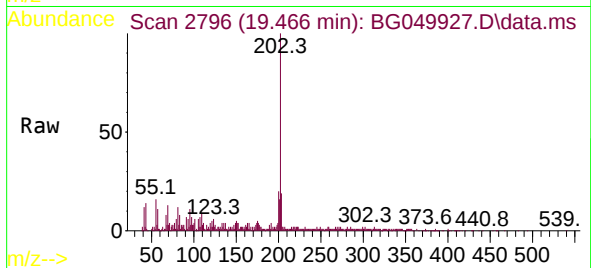




#75
Fluoranthene
Concen: 8.689 ng
RT: 19.466 min Scan# 2796
Delta R.T. 0.022 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

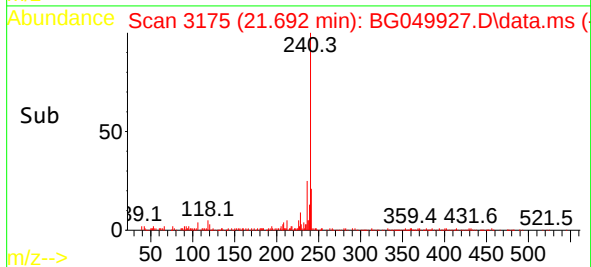
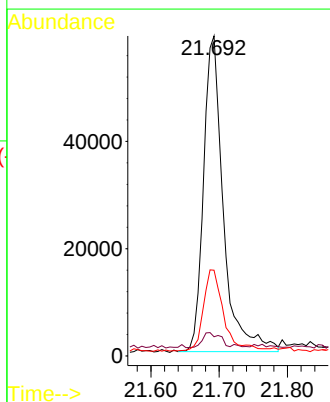
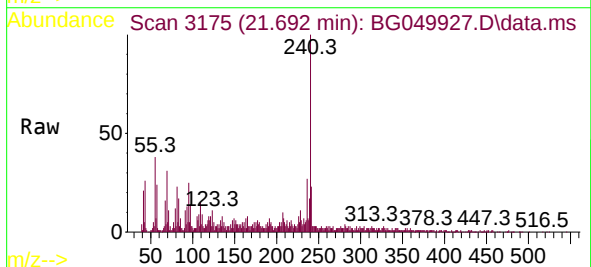
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

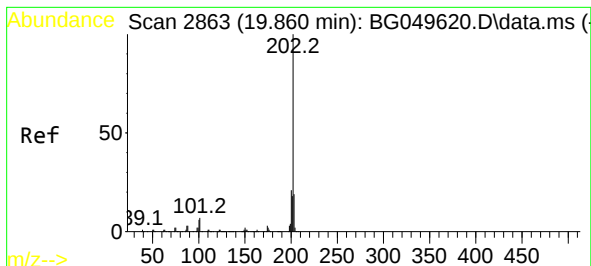
Tgt Ion:202 Resp: 84106
Ion Ratio Lower Upper
202 100
101 5.6 0.0 24.7
203 19.5 0.0 38.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.692 min Scan# 3175
Delta R.T. 0.034 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion:240 Resp: 119289
Ion Ratio Lower Upper
240 100
120 6.0 4.2 6.2
236 26.8 21.8 32.6





#78

Pyrene

Concen: 10.644 ng

RT: 19.824 min Scan# 2857

Delta R.T. 0.022 min

Lab File: BG049927.D

Acq: 21 Aug 2021 2:59

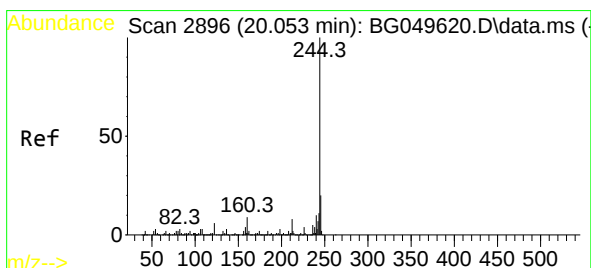
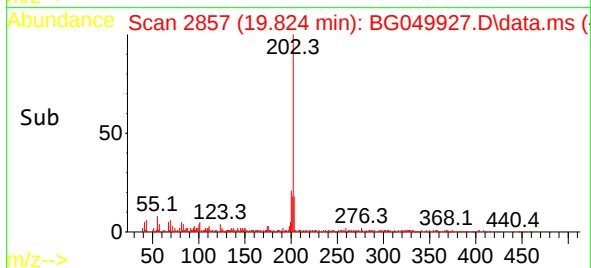
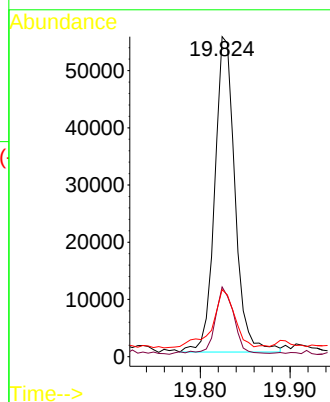
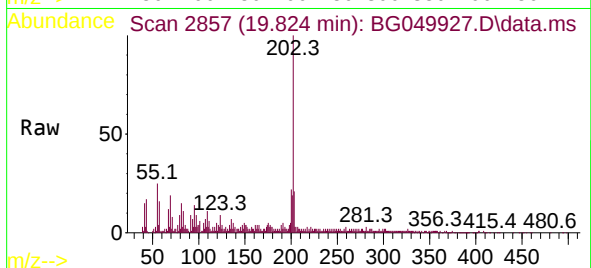
Instrument :

BNA_G

ClientSampleId :

SWCS-09-0002

Tgt Ion:202	Resp:	86565
Ion Ratio	Lower	Upper
202	100	
200	21.8	15.8 23.8
203	21.0	14.6 21.8



#79

Terphenyl-d14

Concen: 70.643 ng

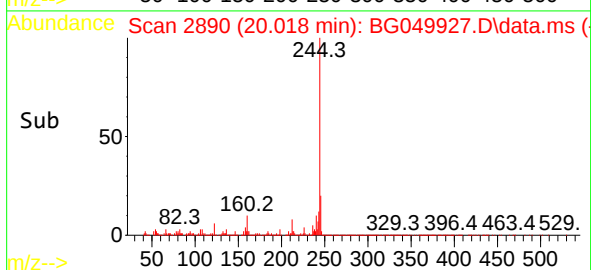
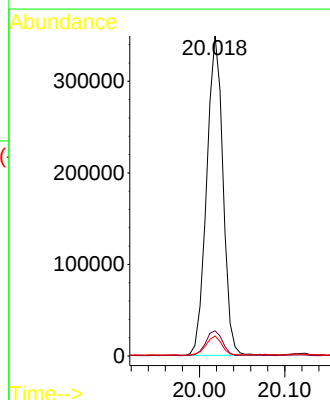
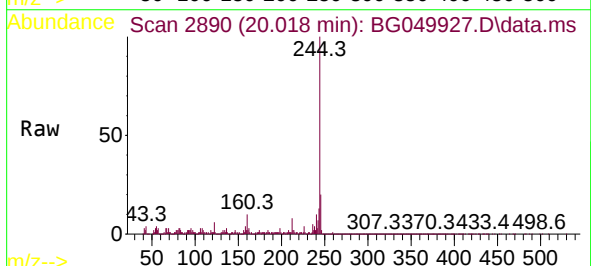
RT: 20.018 min Scan# 2890

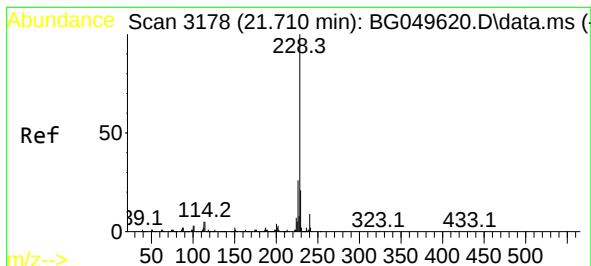
Delta R.T. 0.022 min

Lab File: BG049927.D

Acq: 21 Aug 2021 2:59

Tgt Ion:244	Resp:	463985
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.9 10.3
122	6.3	5.0 7.6

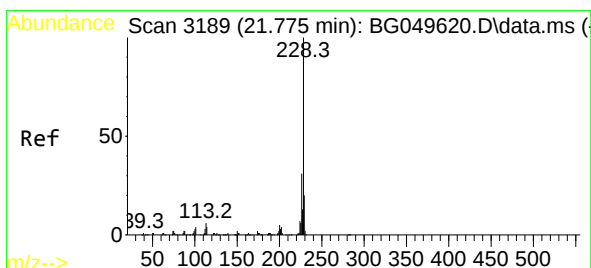
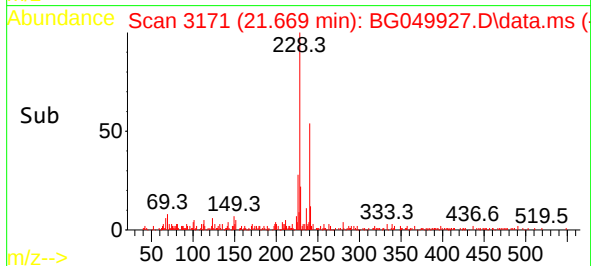
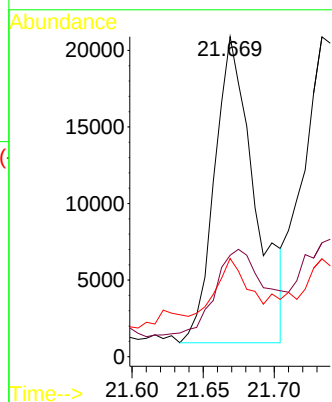
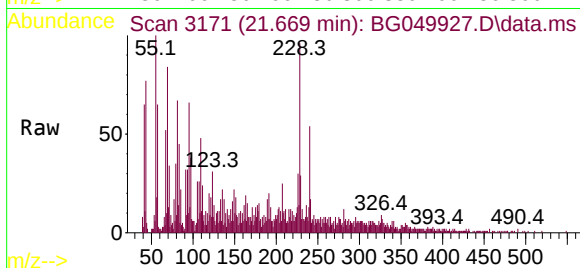




#81
Benzo(a)anthracene
Concen: 5.048 ng
RT: 21.669 min Scan# 3171
Delta R.T. 0.028 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

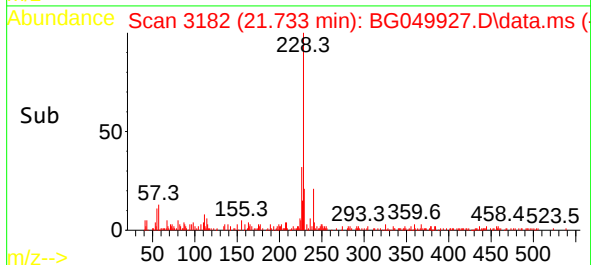
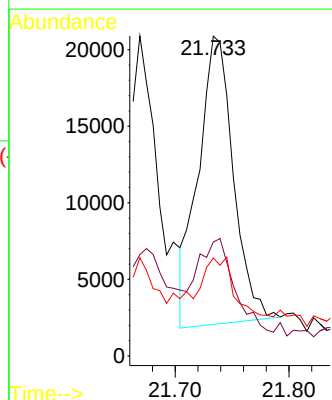
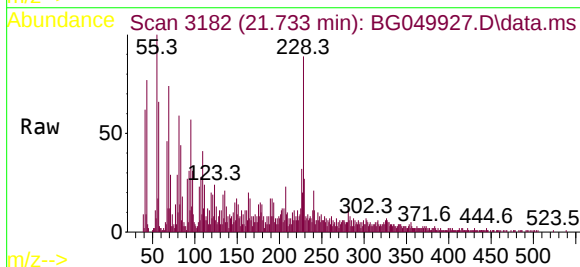
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

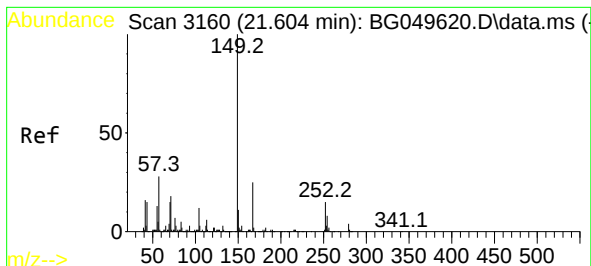
Tgt Ion:228 Resp: 39214
Ion Ratio Lower Upper
228 100
226 31.7 22.7 34.1
229 30.7 16.0 24.0#



#83
Chrysene
Concen: 5.428 ng
RT: 21.733 min Scan# 3182
Delta R.T. 0.028 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion:228 Resp: 40312
Ion Ratio Lower Upper
228 100
226 35.6 23.1 34.7#
229 30.6 15.3 22.9#

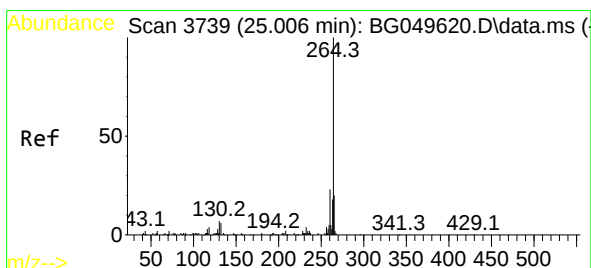
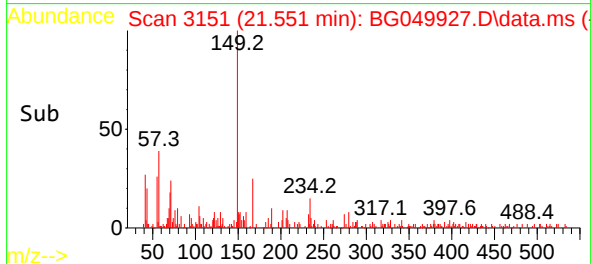
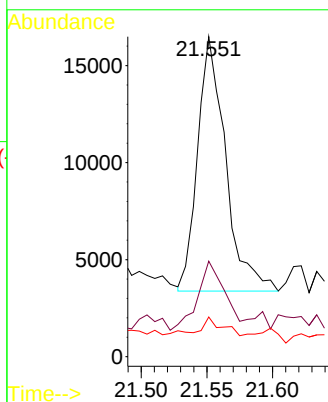
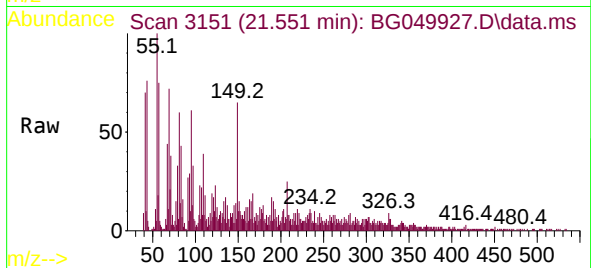




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.450 ng
RT: 21.551 min Scan# 3151
Delta R.T. 0.022 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

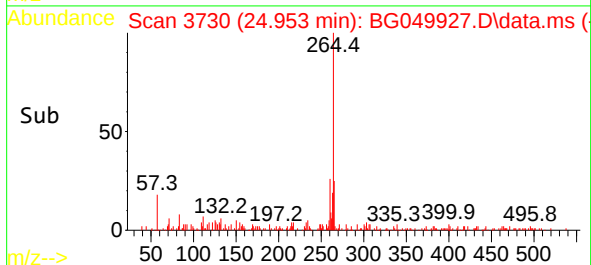
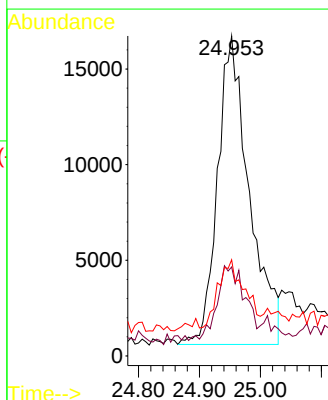
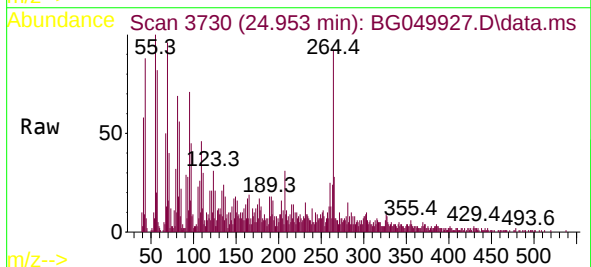
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

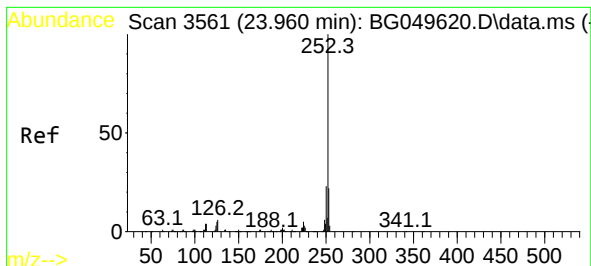
Tgt Ion:149 Resp: 19511
Ion Ratio Lower Upper
149 100
167 29.9 22.3 33.5
279 12.4 3.8 5.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.953 min Scan# 3730
Delta R.T. 0.069 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion:264 Resp: 58510
Ion Ratio Lower Upper
264 100
260 27.8 19.4 29.2
265 30.1 16.9 25.3#

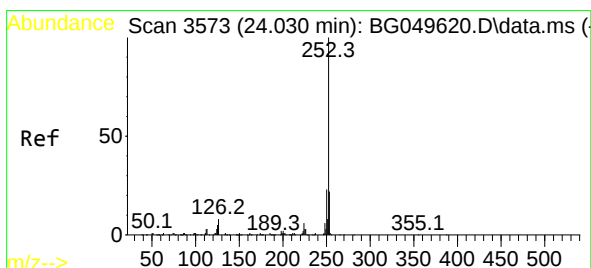
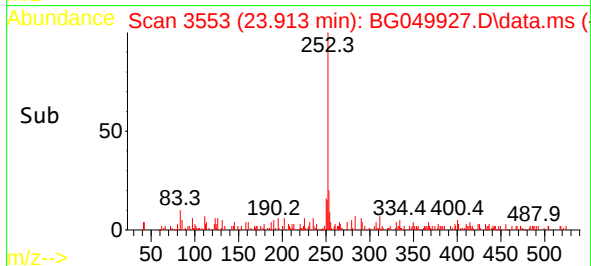
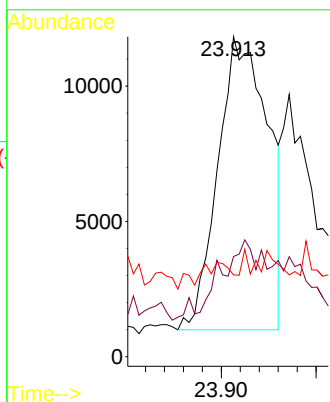
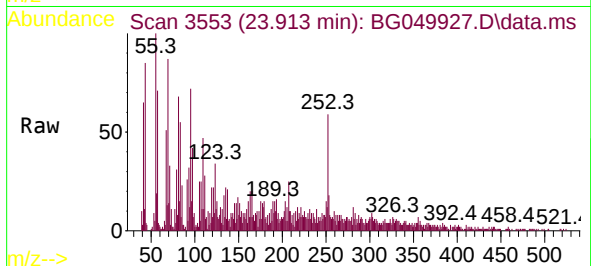




#88
Benzo(b)fluoranthene
Concen: 10.326 ng
RT: 23.913 min Scan# 3553
Delta R.T. 0.051 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

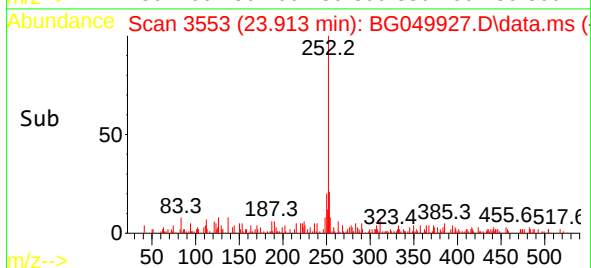
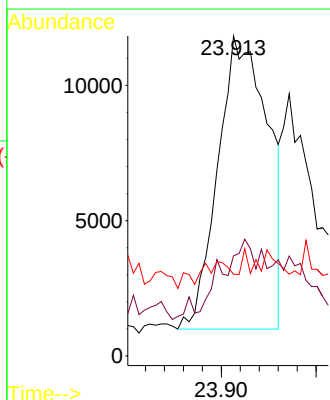
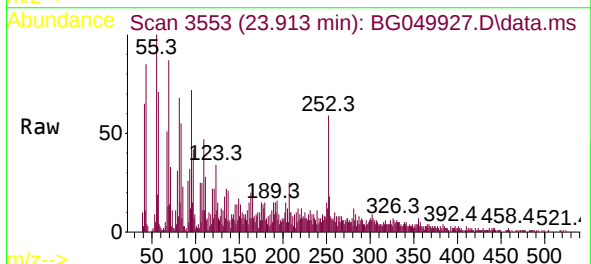
Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

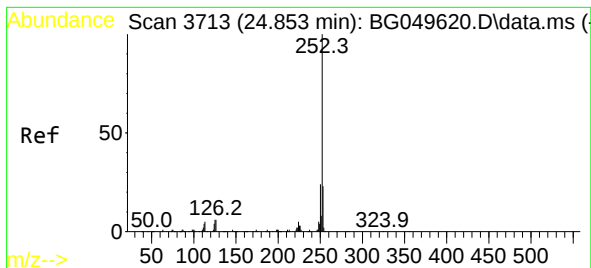
Tgt Ion:252 Resp: 39626
Ion Ratio Lower Upper
252 100
253 31.3 16.2 24.4#
125 25.6 3.0 4.4#



#89
Benzo(k)fluoranthene
Concen: 11.071 ng
RT: 23.913 min Scan# 3553
Delta R.T. -0.013 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion:252 Resp: 39626
Ion Ratio Lower Upper
252 100
253 31.3 18.0 27.0#
125 25.6 3.1 4.7#

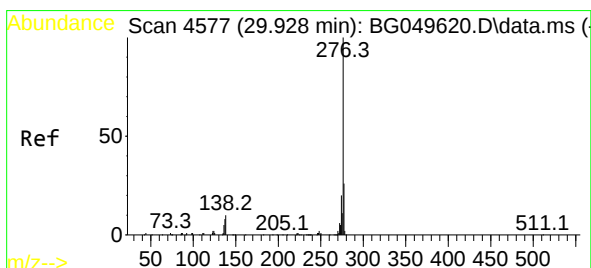
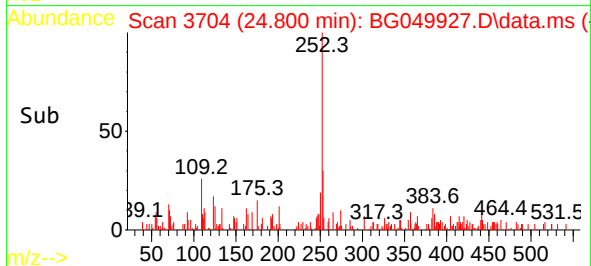
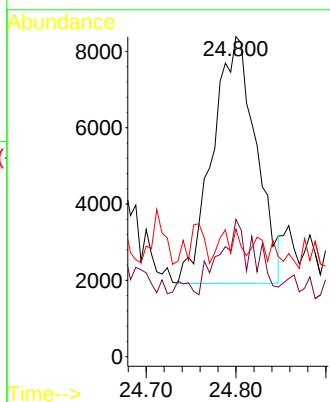
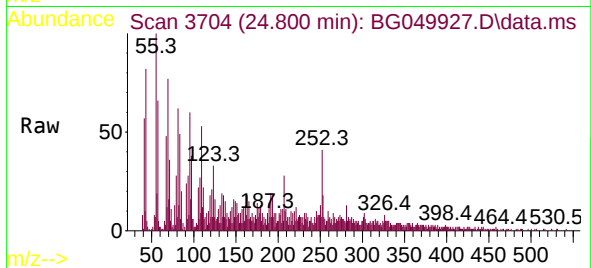




#90
Benzo(a)pyrene
Concen: 6.251 ng
RT: 24.800 min Scan# 3704
Delta R.T. 0.063 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Instrument :
BNA_G
ClientSampleId :
SWCS-09-0002

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.9	16.6	25.0#
125	39.8	3.5	5.3#



#92
Benzo(g,h,i)perylene
Concen: 4.216 ng
RT: 29.864 min Scan# 4566
Delta R.T. 0.128 min
Lab File: BG049927.D
Acq: 21 Aug 2021 2:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	44.4	18.4	27.6#
138	27.5	7.0	10.6#

