

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
 Data File : BG049921.D
 Acq On : 20 Aug 2021 22:52
 Operator : CG/JU
 Sample : M3419-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-03-0002

Manual Integrations
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Quant Time: Aug 21 05:21:08 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	7.984	152	39498	20.000	ng	0.00
21) Naphthalene-d8	10.803	136	170757	20.000	ng	# 0.00
39) Acenaphthene-d10	14.639	164	107834	20.000	ng	0.00
64) Phenanthrene-d10	17.394	188	196653	20.000	ng	# 0.00
76) Chrysene-d12	21.677	240	175833	20.000	ng	0.02
86) Perylene-d12	24.920	264	146406	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	200334	90.921	ng	0.01
7) Phenol-d6	7.155	99	285990	85.745	ng	0.01
23) Nitrobenzene-d5	9.153	82	211134	54.715	ng	0.00
42) 2,4,6-Tribromophenol	16.137	330	136445	86.084	ng	0.00
45) 2-Fluorobiphenyl	13.259	172	454407	61.316	ng	0.00
79) Terphenyl-d14	20.009	244	540997	55.880	ng	0.01
Target Compounds						Qvalue
49) Acenaphthylene	14.369	152	47702	4.906	ng	# 92
58) Fluorene	15.691	166	30766	3.984	ng	# 91
71) Phenanthrene	17.441	178	460569	44.516	ng	97
72) Anthracene	17.530	178	96008	9.449	ng	99
73) Carbazole	17.800	167	31009	3.222	ng	95
75) Fluoranthene	19.456	202	844700	66.347	ng	99
78) Pyrene	19.821	202	821543	68.534	ng	97
81) Benzo(a)anthracene	21.653	228	430236	37.572	ng	96
83) Chrysene	21.724	228	447630	40.894	ng	96
87) Indeno(1,2,3-cd)pyrene	28.626	276	123942	11.739	ng	# 74
88) Benzo(b)fluoranthene	23.892	252	472640	49.223	ng	# 93
89) Benzo(k)fluoranthene	23.944	252	170508m	19.037	ng	
90) Benzo(a)pyrene	24.773	252	330029	37.979	ng	# 92
91) Dibenzo(a,h)anthracene	28.667	278	32116	3.610	ng	# 69
92) Benzo(g,h,i)perylene	29.789	276	111679	12.812	ng	# 92

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

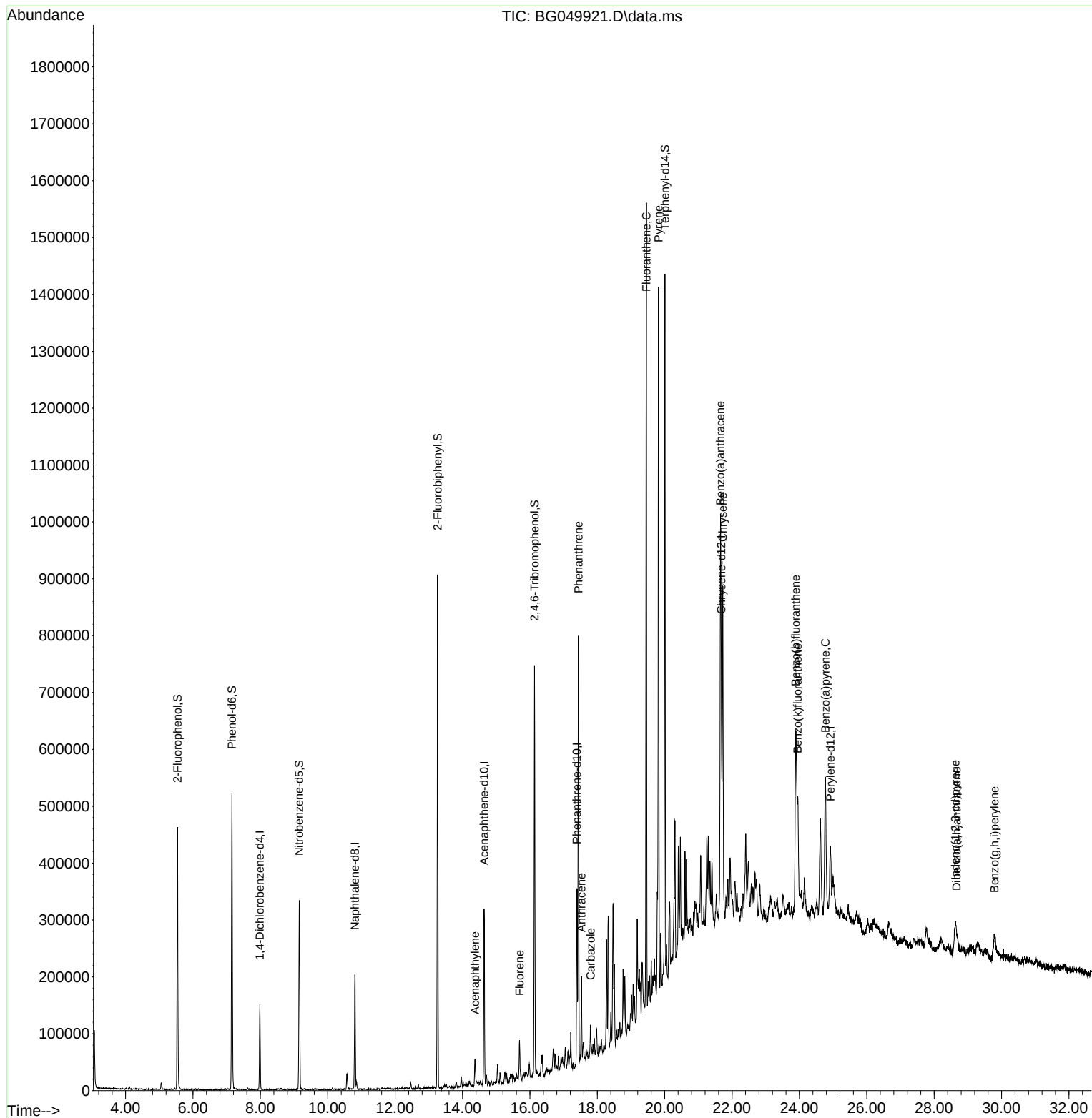
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082121\
Data File : BG049921.D
Acq On : 20 Aug 2021 22:52
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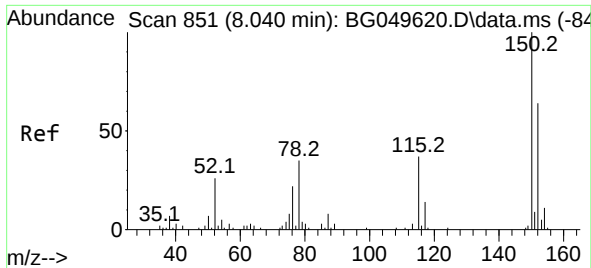
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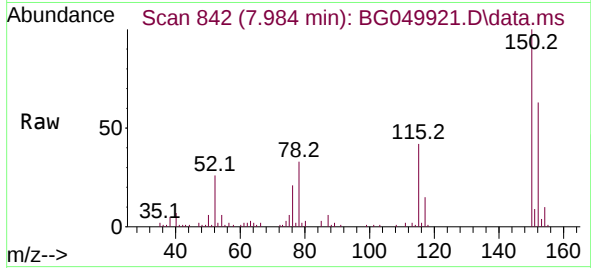
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 21 05:13:22 2021
Response via : Initial Calibration

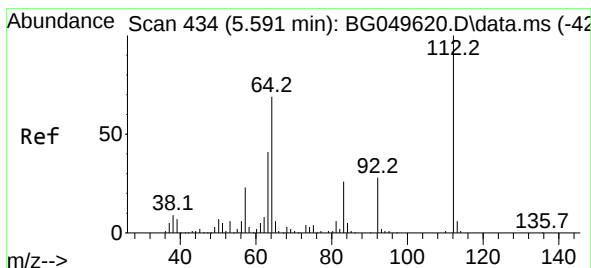
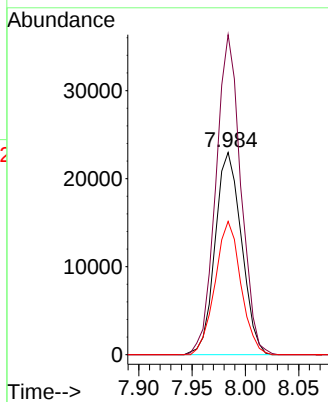
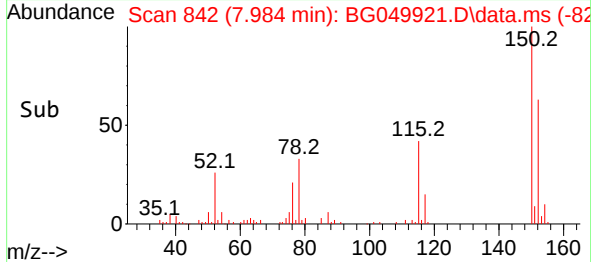




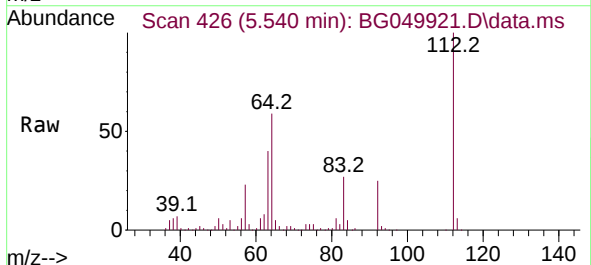
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 842
Delta R.T. 0.007 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52



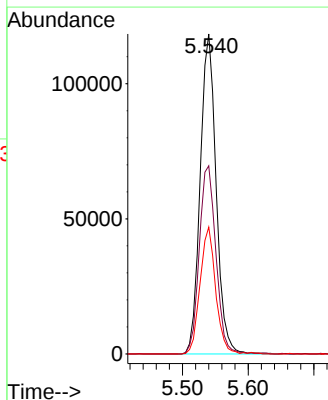
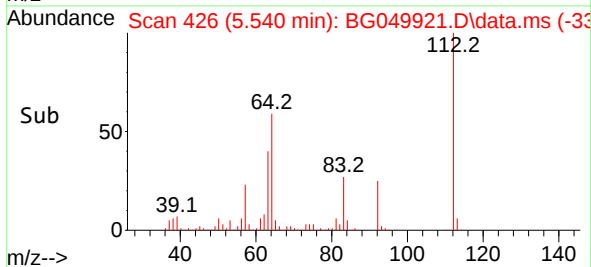
Tgt Ion:152 Resp: 39498
Ion Ratio Lower Upper
152 100
150 158.2 119.4 179.0
115 65.9 60.2 90.4



#5
2-Fluorophenol
Concen: 90.921 ng
RT: 5.540 min Scan# 426
Delta R.T. 0.012 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52



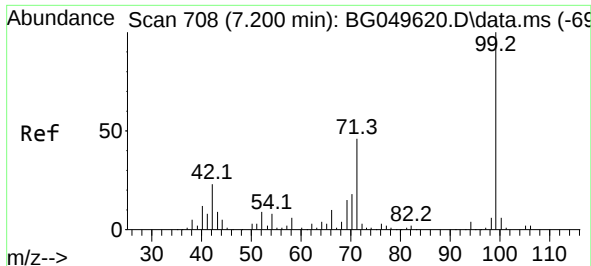
Tgt Ion:112 Resp: 200334
Ion Ratio Lower Upper
112 100
64 58.8 46.7 70.1
63 39.7 35.3 52.9



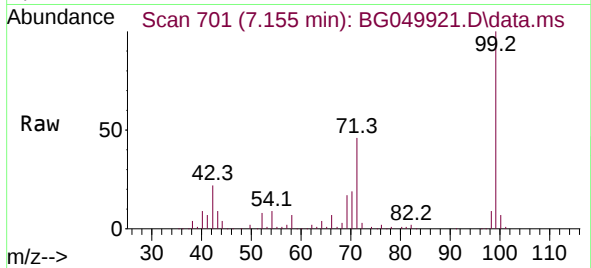
Instrument :
BNA_G
ClientSampleId :
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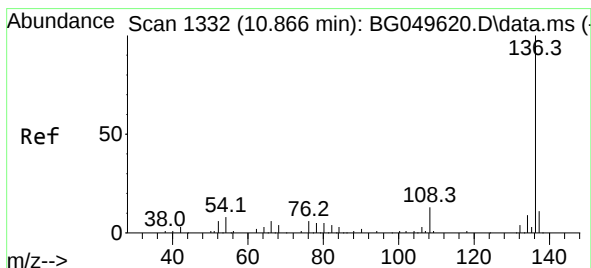
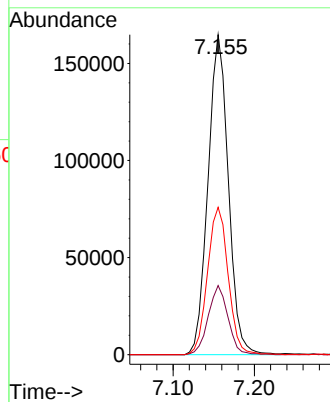
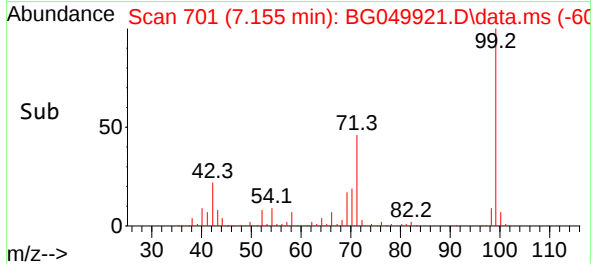
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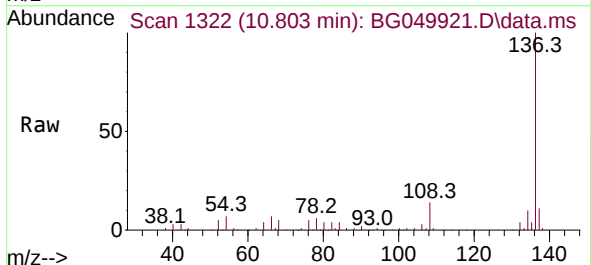
#7
Phenol-d6
Concen: 85.745 ng
RT: 7.155 min Scan# 701
Delta R.T. 0.012 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52



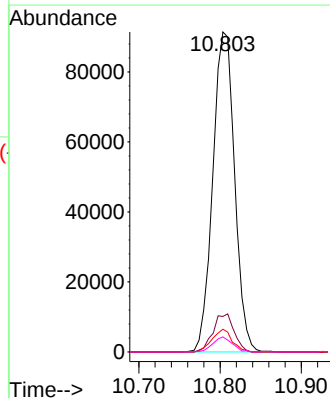
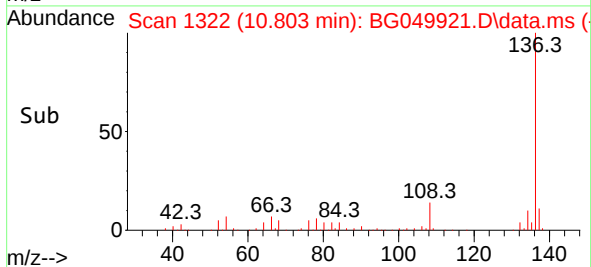
Tgt Ion: 99 Resp: 285990
Ion Ratio Lower Upper
99 100
42 21.6 20.5 30.7
71 46.1 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.803 min Scan# 1322
Delta R.T. 0.007 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52



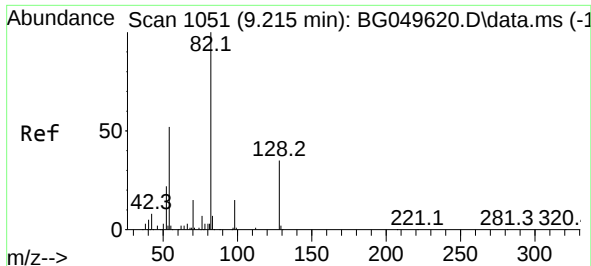
Tgt Ion: 136 Resp: 170757
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.2
54 7.1 5.5 8.3
68 4.7 2.3 3.5#



Instrument :
BNA_G
ClientSampleId :
SWCS-03-0002

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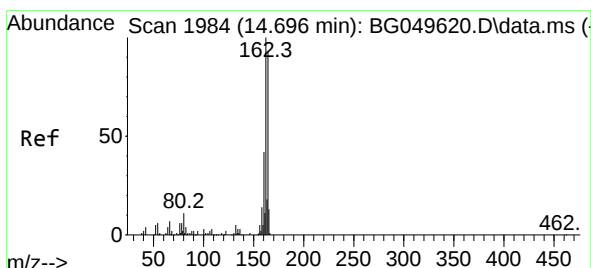
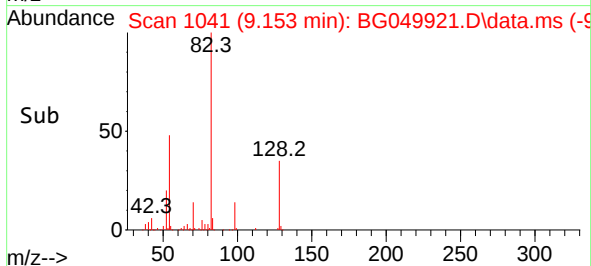
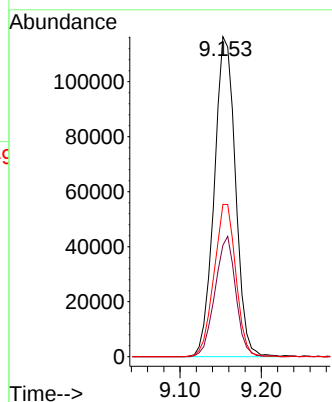
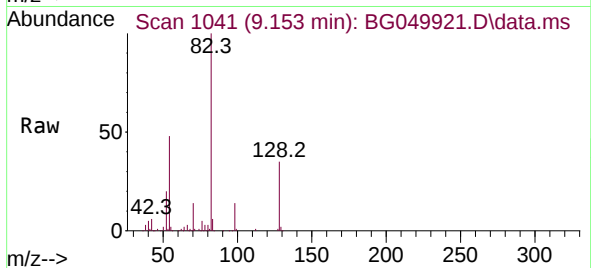
#23
Nitrobenzene-d5
Concen: 54.715 ng
RT: 9.153 min Scan# 1041
Delta R.T. 0.001 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52

Tgt Ion: 82 Resp: 211134
Ion Ratio Lower Upper
82 100
128 34.8 29.8 44.6
54 47.6 45.8 68.8

Instrument :
BNA_G
ClientSampleId :
SWCS-03-0002

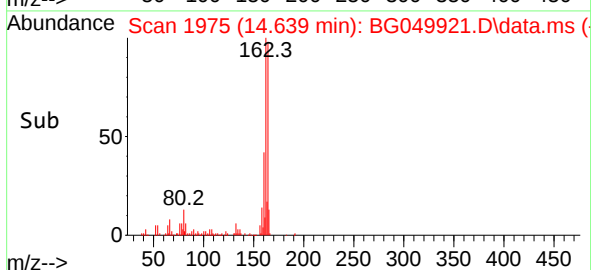
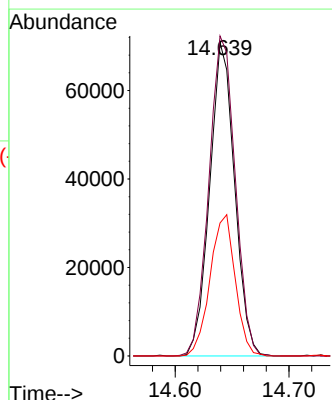
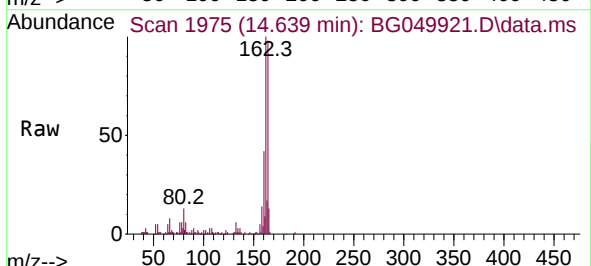
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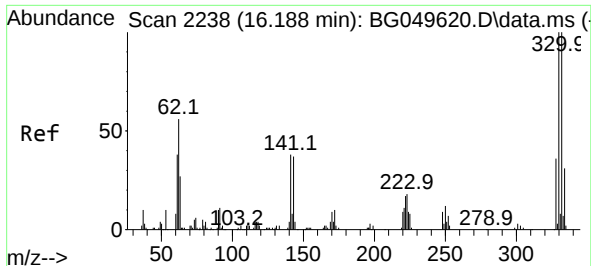
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52

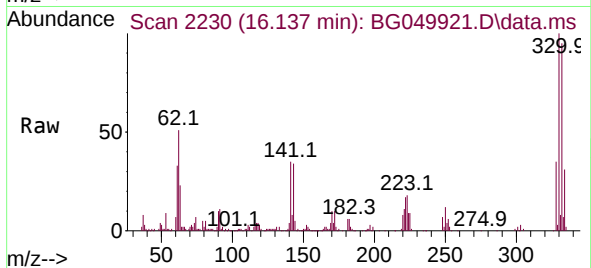
Tgt Ion: 164 Resp: 107834
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 42.4 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 86.084 ng
RT: 16.137 min Scan# 2230
Delta R.T. 0.007 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52

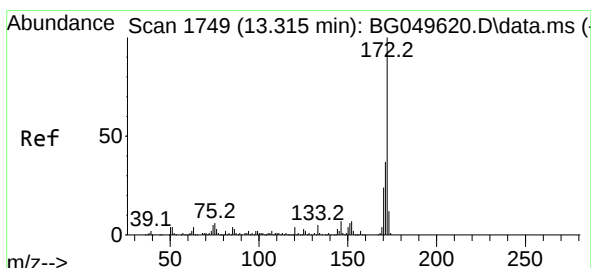
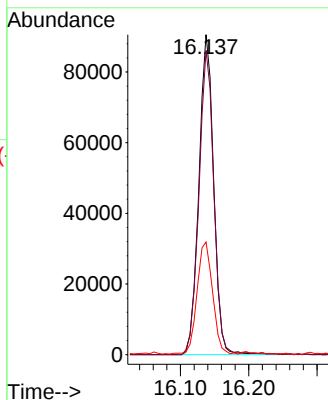
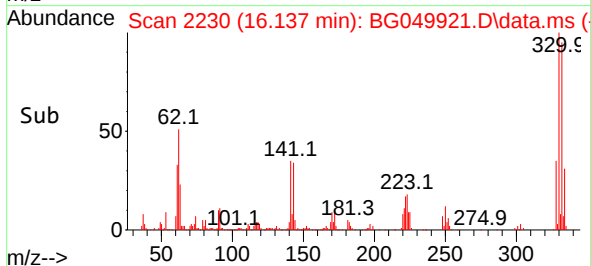
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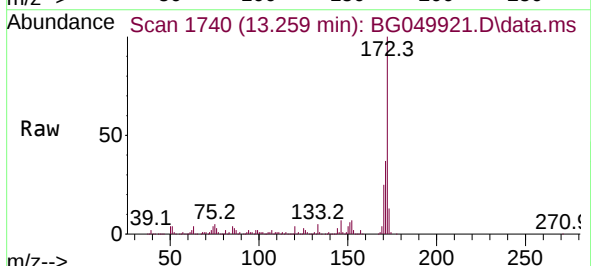
Tgt Ion:330 Resp: 136445
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 36.7 35.6 53.4

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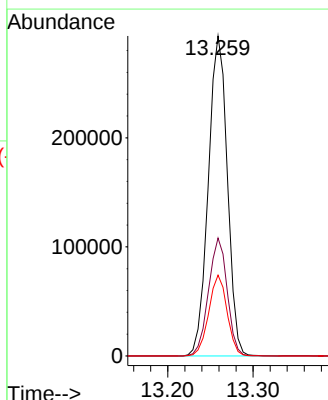
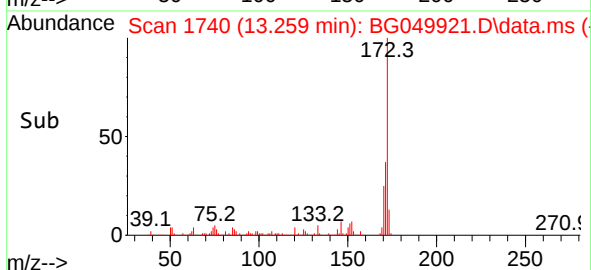
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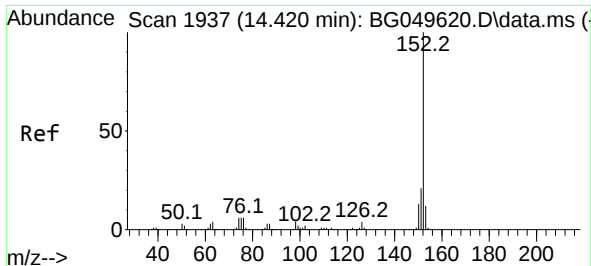


#45
2-Fluorobiphenyl
Concen: 61.316 ng
RT: 13.259 min Scan# 1740
Delta R.T. 0.007 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52



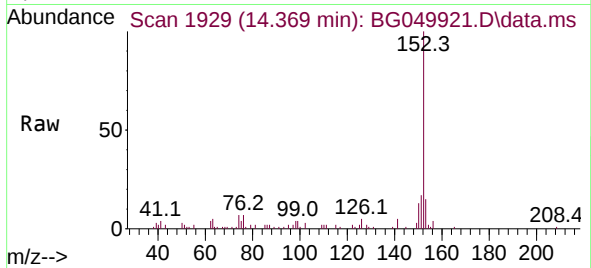
Tgt Ion:172 Resp: 454407
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 25.3 18.6 27.8





#49
Acenaphthylene
Concen: 4.906 ng
RT: 14.369 min Scan# 1929
Delta R.T. 0.012 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52

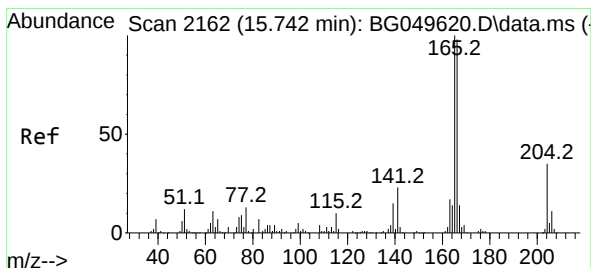
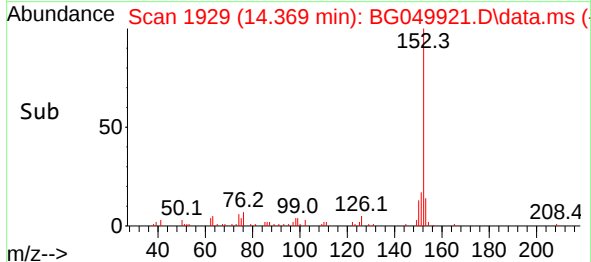
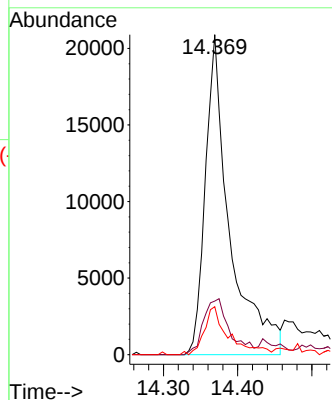
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	16.8	18.2	27.4#
153	15.0	11.7	17.5

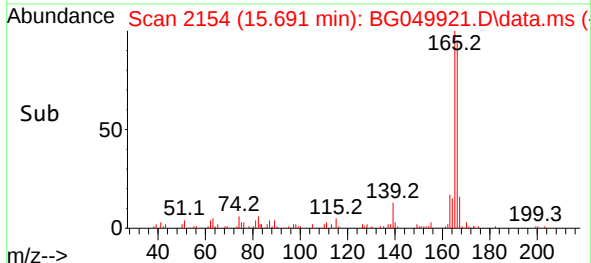
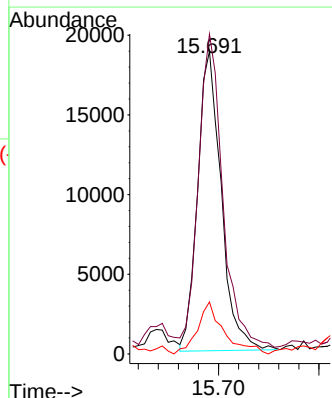
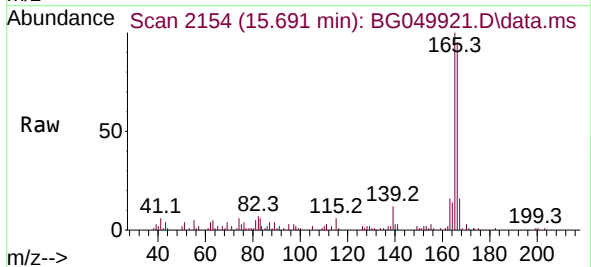
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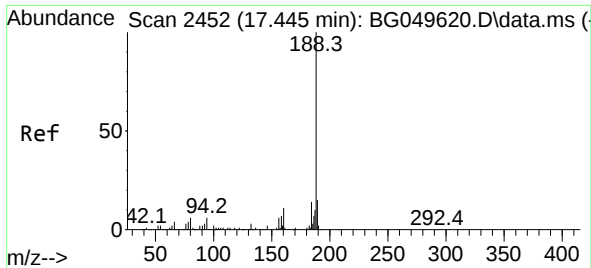
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#58
Fluorene
Concen: 3.984 ng
RT: 15.691 min Scan# 2154
Delta R.T. 0.007 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52

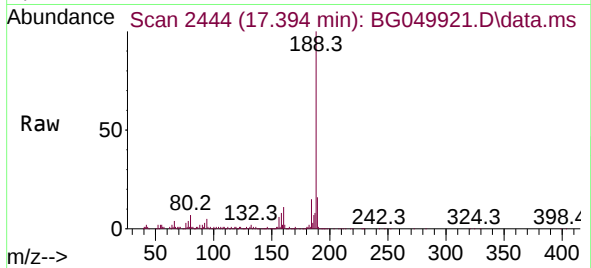
Tgt Ion	Ratio	Lower	Upper
166	100		
165	105.6	77.7	116.5
167	17.2	10.8	16.2#





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.394 min Scan# 2444
Delta R.T. 0.007 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52

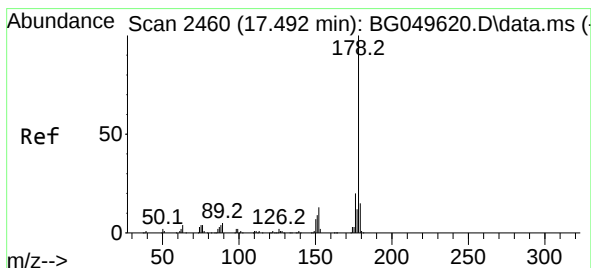
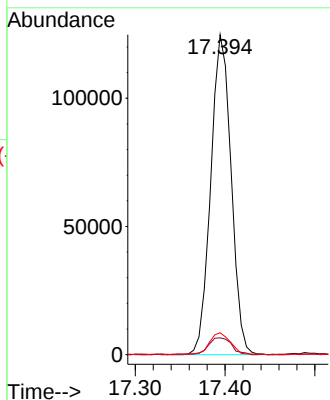
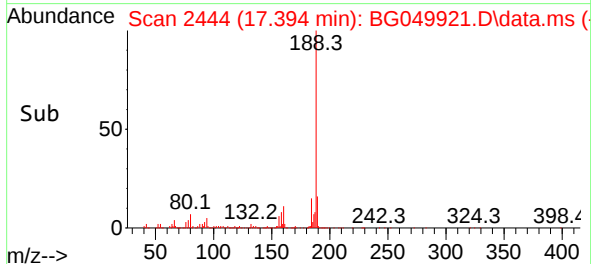
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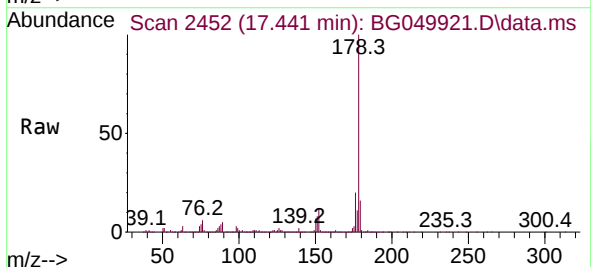
Tgt Ion:188 Resp: 196653
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 6.8 3.7 5.5#

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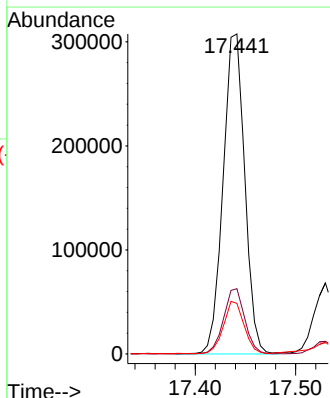
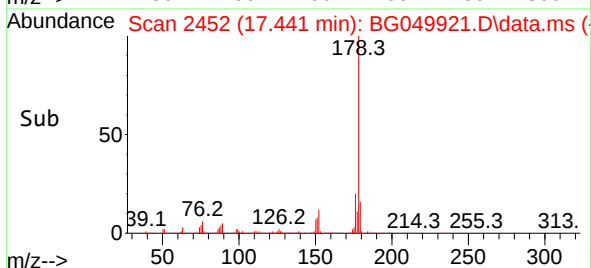
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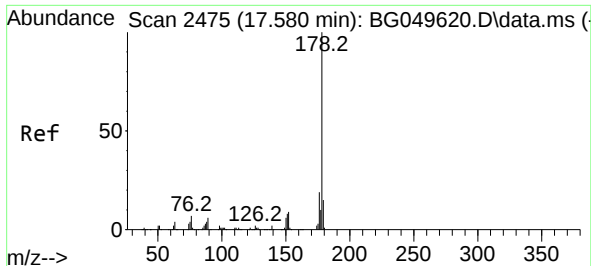


#71
Phenanthrene
Concen: 44.516 ng
RT: 17.441 min Scan# 2452
Delta R.T. 0.012 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52



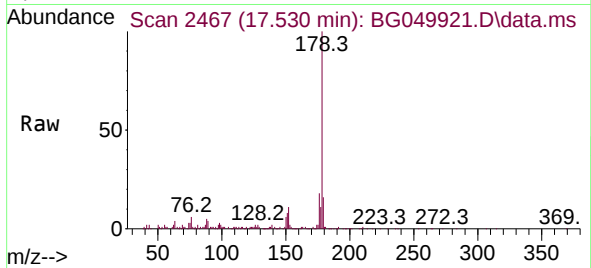
Tgt Ion:178 Resp: 460569
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 15.8 14.2 21.4





#72
 Anthracene
 Concen: 9.449 ng
 RT: 17.530 min Scan# 2467
 Delta R.T. 0.007 min
 Lab File: BG049921.D
 Acq: 20 Aug 2021 22:52

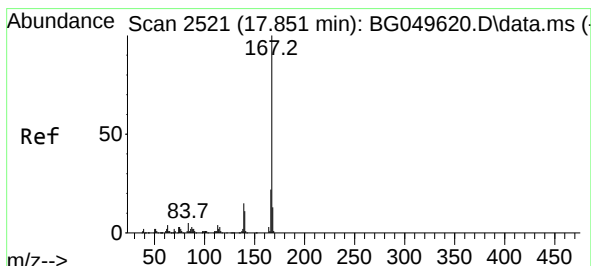
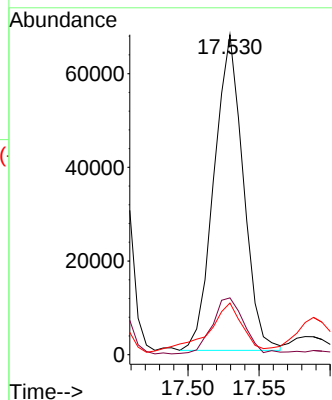
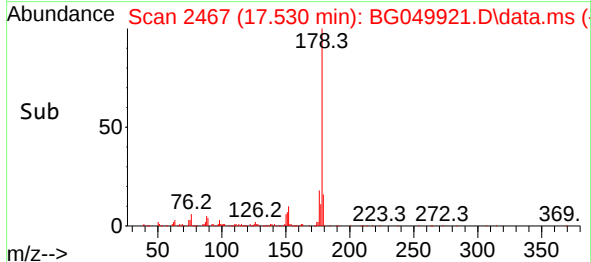
Instrument :
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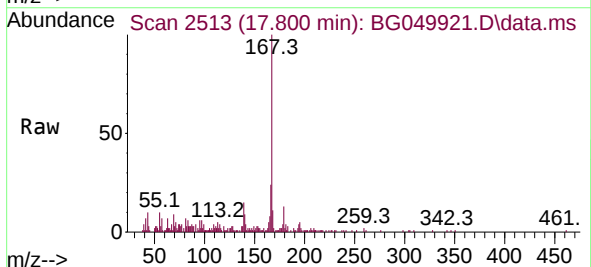
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 Ion Ratio Lower Upper
 178 100
 176 17.7 14.6 21.8
 179 16.1 13.4 20.0

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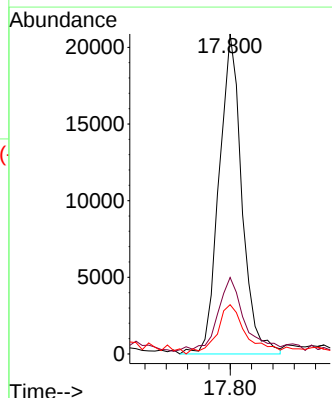
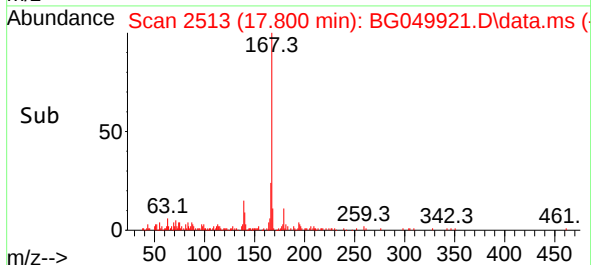
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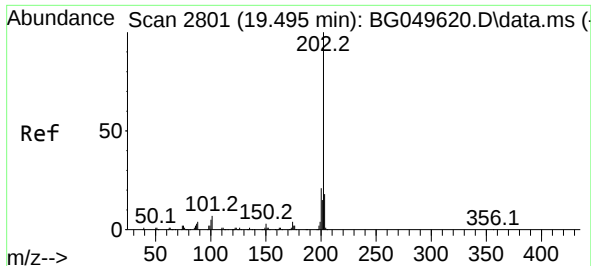


#73
 Carbazole
 Concen: 3.222 ng
 RT: 17.800 min Scan# 2513
 Delta R.T. 0.007 min
 Lab File: BG049921.D
 Acq: 20 Aug 2021 22:52



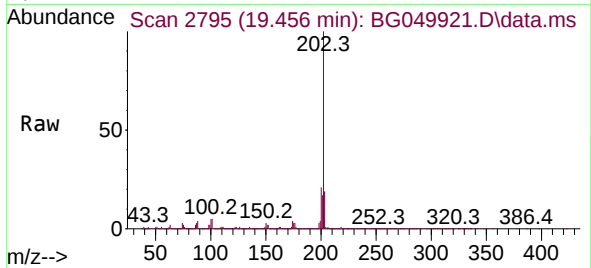
Tgt Ion:167 Resp: 31009
 Ion Ratio Lower Upper
 167 100
 166 23.9 17.4 26.2
 139 15.4 10.7 16.1





#75
Fluoranthene
Concen: 66.347 ng
RT: 19.456 min Scan# 2795
Delta R.T. 0.012 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52

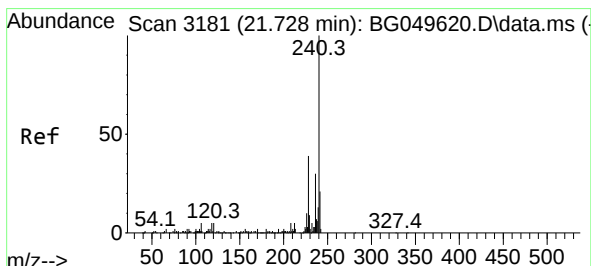
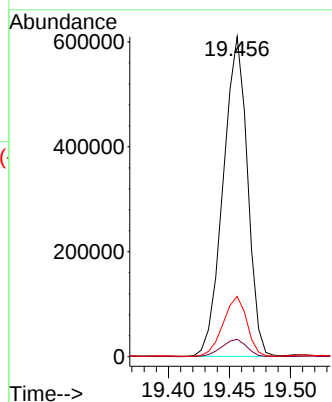
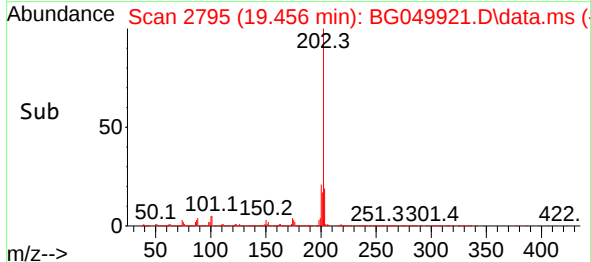
Instrument :
BNA_G
ClientSampleId :
SWCS-03-0002



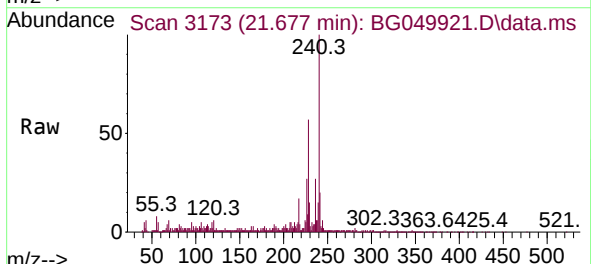
Tgt Ion:202 Resp: 844700
Ion Ratio Lower Upper
202 100
101 5.4 0.0 24.7
203 18.9 0.0 38.5

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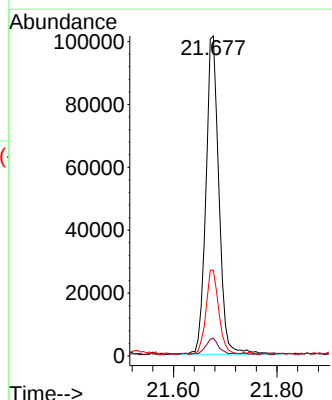
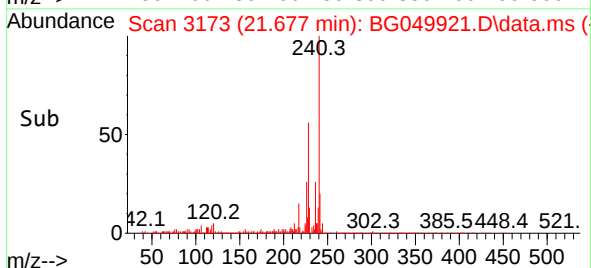
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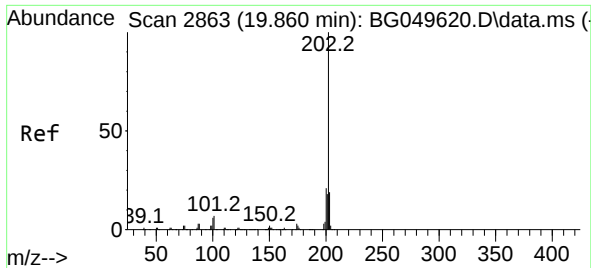


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.677 min Scan# 3173
Delta R.T. 0.018 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52

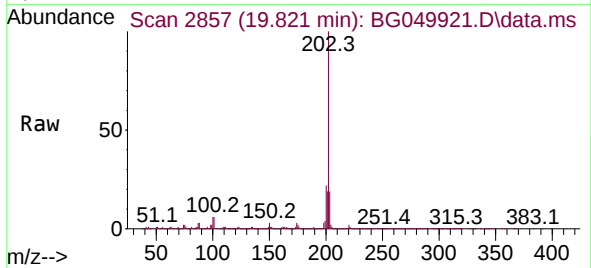


Tgt Ion:240 Resp: 175833
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 26.8 21.8 32.6

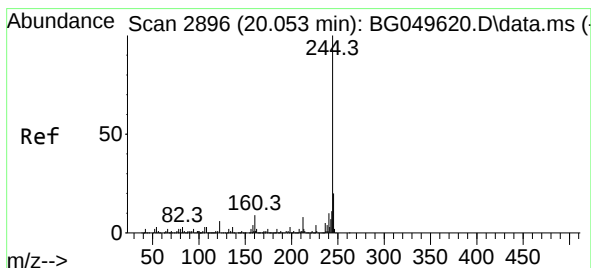
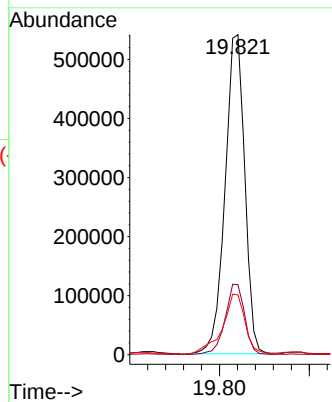
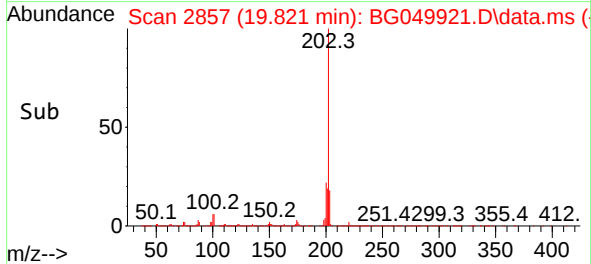




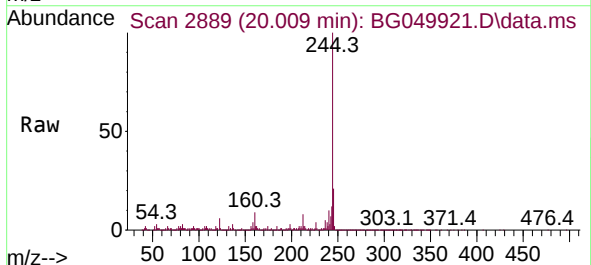
#78
Pyrene
Concen: 68.534 ng
RT: 19.821 min Scan# 2857
Delta R.T. 0.018 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52



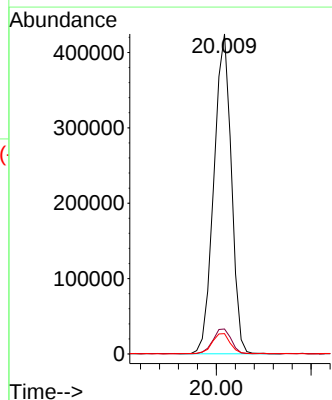
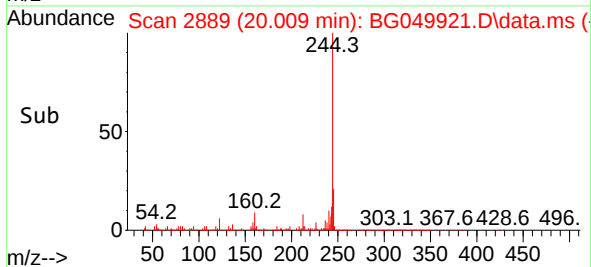
Tgt Ion:202 Resp: 821543
Ion Ratio Lower Upper
202 100
200 21.9 15.8 23.8
203 18.7 14.6 21.8



#79
Terphenyl-d14
Concen: 55.880 ng
RT: 20.009 min Scan# 2889
Delta R.T. 0.012 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52



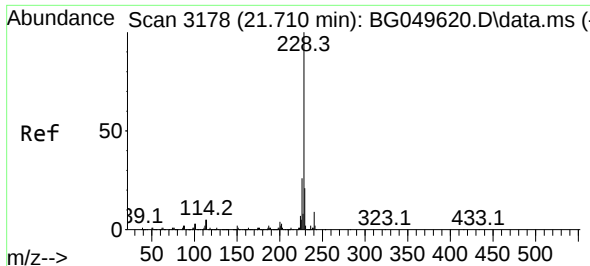
Tgt Ion:244 Resp: 540997
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 6.3 5.0 7.6



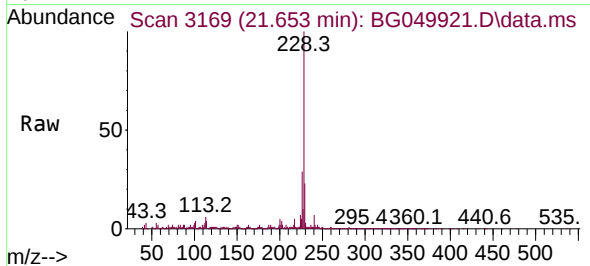
Instrument :
BNA_G
ClientSampleId :
SWCS-03-0002

Manual Integrations
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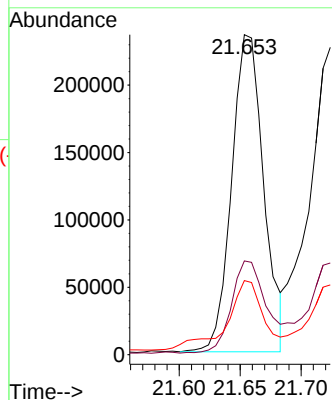
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#81
Benzo(a)anthracene
Concen: 37.572 ng
RT: 21.653 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52



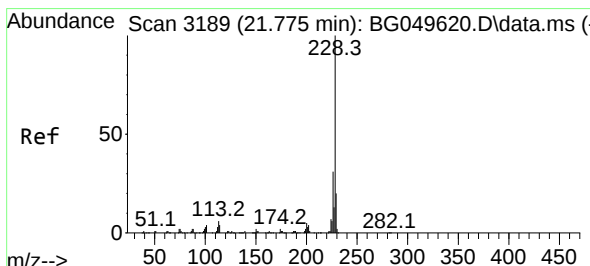
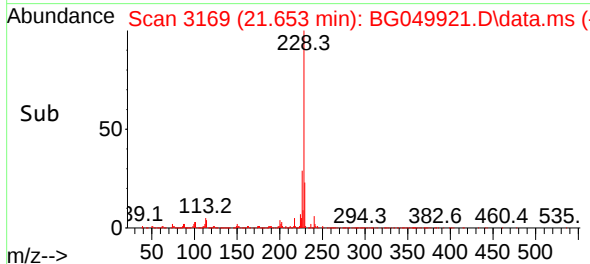
Tgt Ion:228 Resp: 430236
Ion Ratio Lower Upper
228 100
226 29.3 22.7 34.1
229 23.2 16.0 24.0



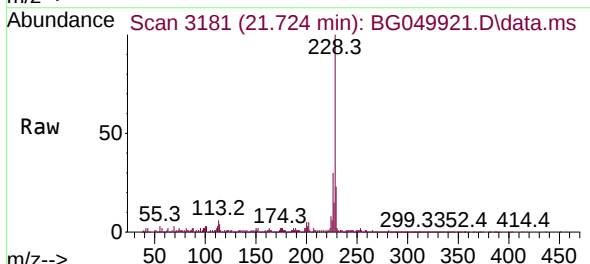
Instrument :
BNA_G
ClientSampleId :
SWCS-03-0002

Manual Integrations
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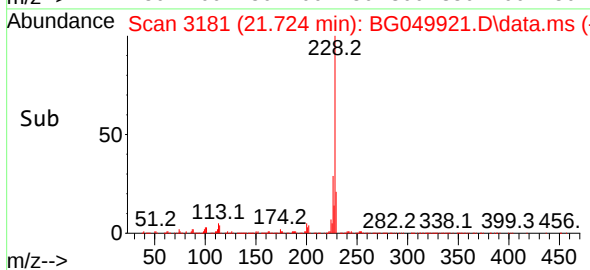
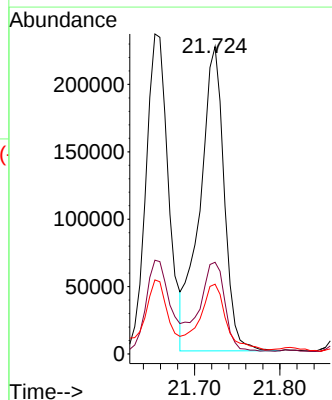
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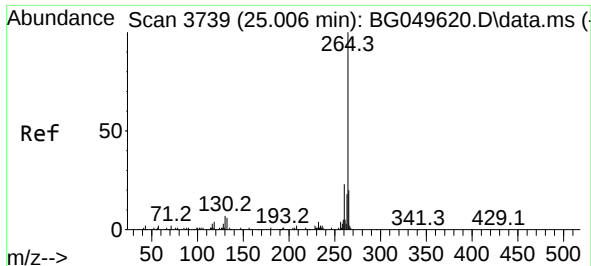


#83
Chrysene
Concen: 40.894 ng
RT: 21.724 min Scan# 3181
Delta R.T. 0.018 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52



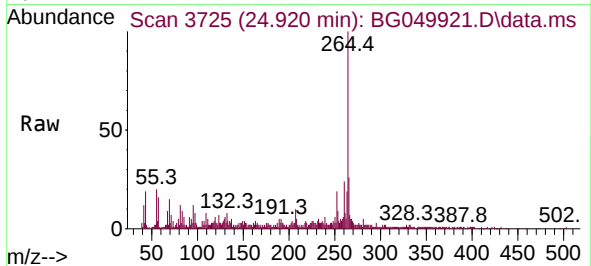
Tgt Ion:228 Resp: 447630
Ion Ratio Lower Upper
228 100
226 29.8 23.1 34.7
229 22.7 15.3 22.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.920 min Scan# 3725
Delta R.T. 0.036 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52

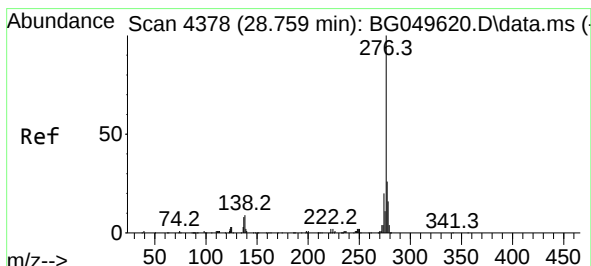
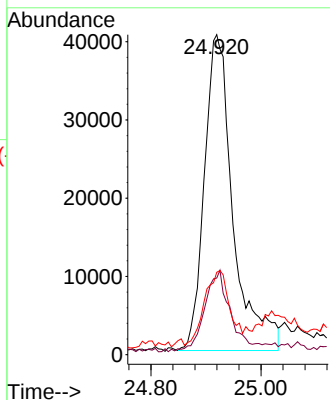
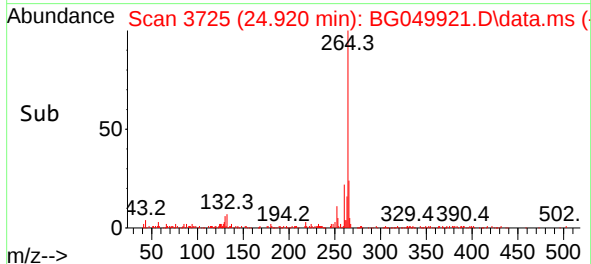
Instrument :
BNA_G
ClientSampleId :
SWCS-03-0002



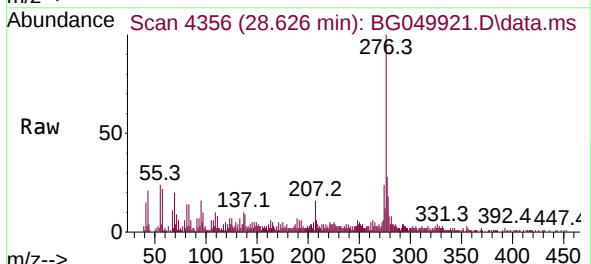
Tgt Ion:264 Resp: 146406
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 25.7 16.9 25.3#

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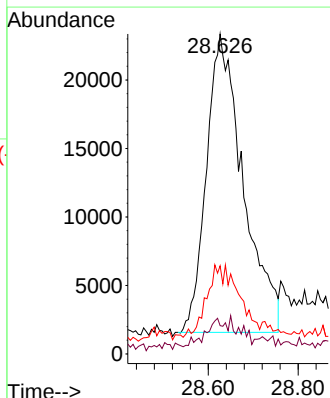
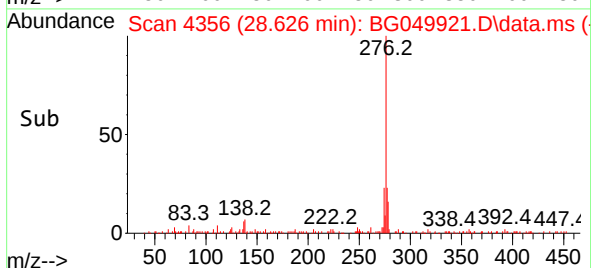
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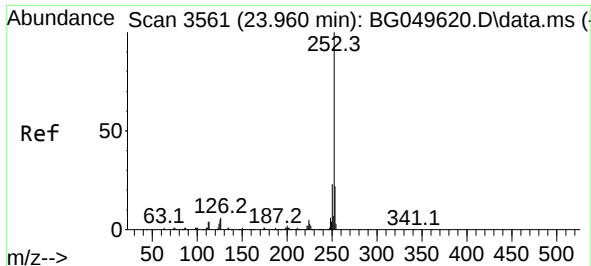


#87
Indeno(1,2,3-cd)pyrene
Concen: 11.739 ng
RT: 28.626 min Scan# 4356
Delta R.T. 0.048 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52



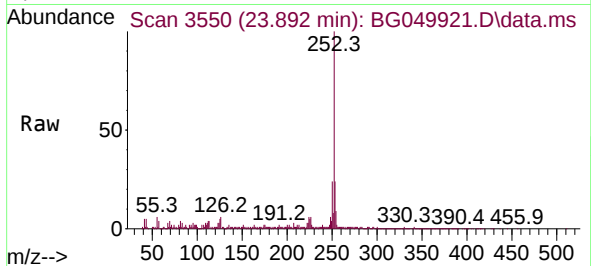
Tgt Ion:276 Resp: 123942
Ion Ratio Lower Upper
276 100
138 4.2 5.1 7.7#
277 9.3 19.8 29.6#





#88
Benzo(b)fluoranthene
Concen: 49.223 ng
RT: 23.892 min Scan# 3550
Delta R.T. 0.030 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52

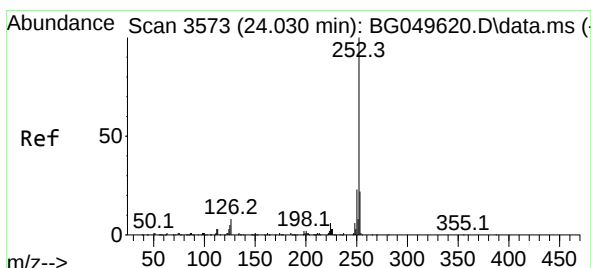
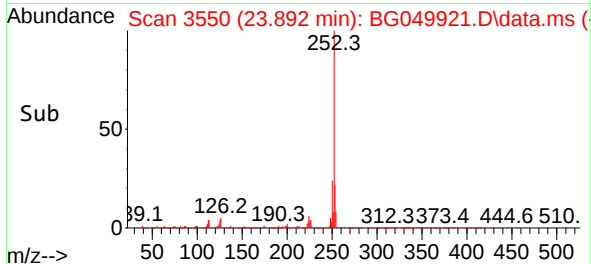
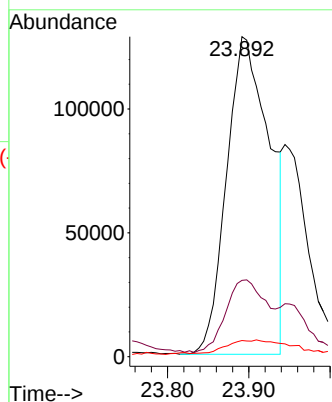
Instrument :
BNA_G
ClientSampleId :
SWCS-03-0002



Tgt Ion:252 Resp: 472640
Ion Ratio Lower Upper
252 100
253 23.8 16.2 24.4
125 5.0 3.0 4.4#

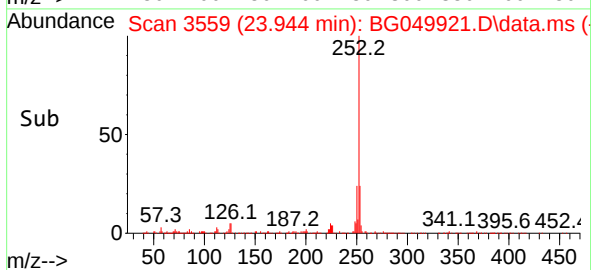
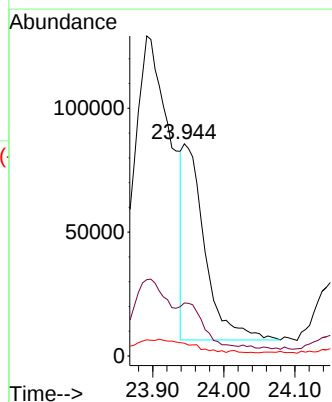
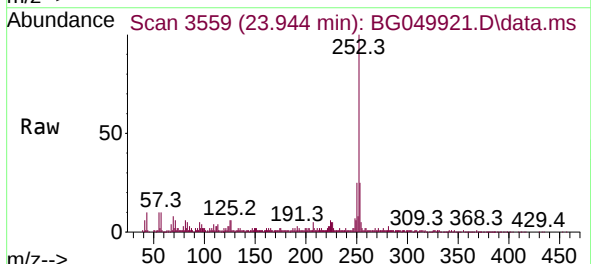
Manual Integrations
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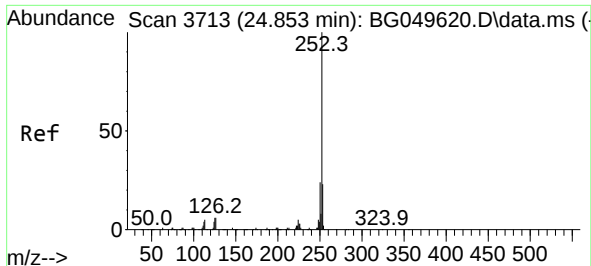
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#89
Benzo(k)fluoranthene
Concen: 19.037 ng m
RT: 23.944 min Scan# 3559
Delta R.T. 0.018 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52

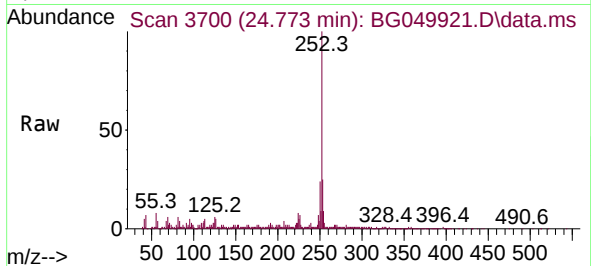
Tgt Ion:252 Resp: 170508
Ion Ratio Lower Upper
252 100
253 25.0 18.0 27.0
125 6.0 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 37.979 ng
RT: 24.773 min Scan# 3700
Delta R.T. 0.036 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52

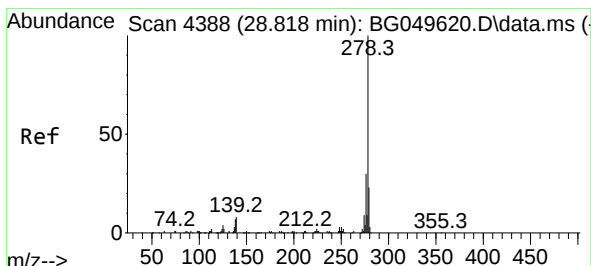
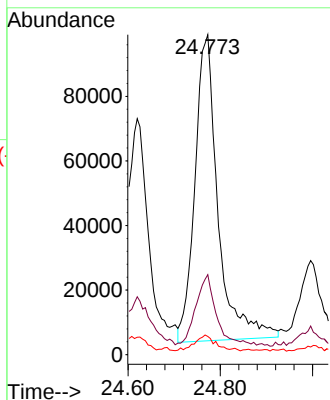
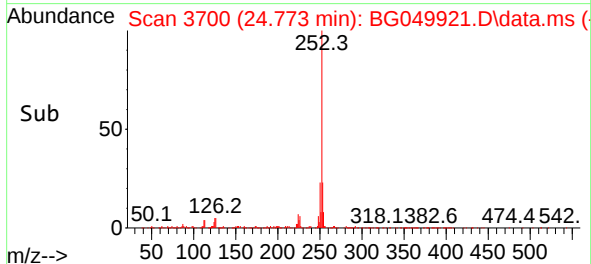
Instrument :
BNA_G
ClientSampleId :
SWCS-03-0002



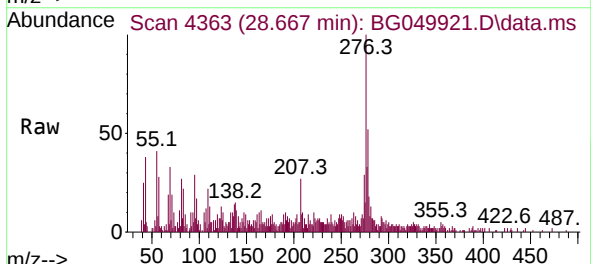
Tgt Ion:252 Resp: 330029
Ion Ratio Lower Upper
252 100
253 25.0 16.6 25.0#
125 5.7 3.5 5.3#

Manual Integrations
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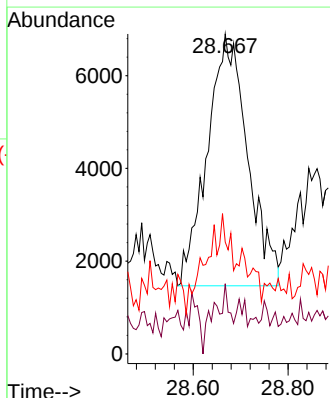
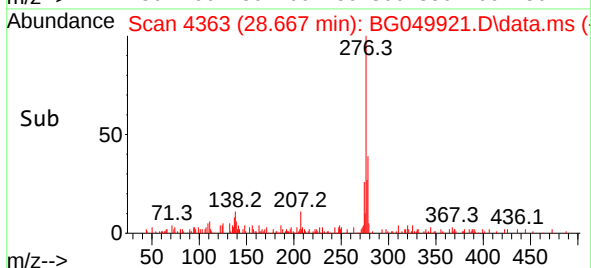
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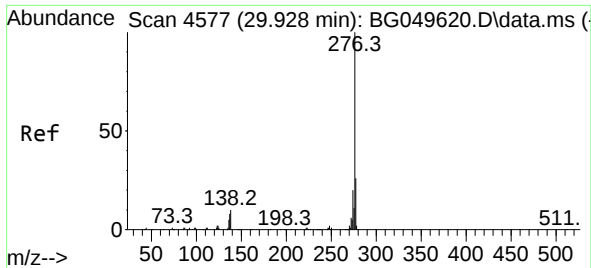


#91
Dibenzo(a,h)anthracene
Concen: 3.610 ng
RT: 28.667 min Scan# 4363
Delta R.T. 0.030 min
Lab File: BG049921.D
Acq: 20 Aug 2021 22:52



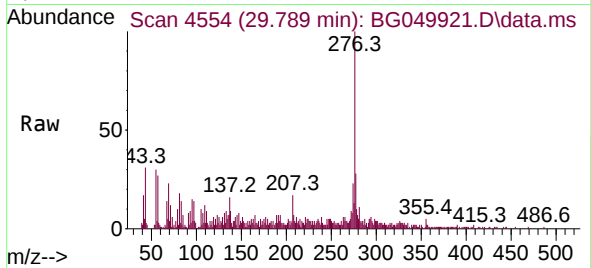
Tgt Ion:278 Resp: 32116
Ion Ratio Lower Upper
278 100
139 21.9 4.6 6.8#
279 35.0 17.9 26.9#





#92
 Benzo(g,h,i)perylene
 Concen: 12.812 ng
 RT: 29.789 min Scan# 4554
 Delta R.T. 0.054 min
 Lab File: BG049921.D
 Acq: 20 Aug 2021 22:52

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-03-0002



Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.1	18.4	27.6#
138	8.9	7.0	10.6

Manual Integrations
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