

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
 Data File : BG049942.D
 Acq On : 23 Aug 2021 20:56
 Operator : CG/JU
 Sample : M3398-14DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SWCS-04-0002DL

Manual Integrations
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Quant Time: Aug 24 02:28:40 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	34473	20.000	ng	-0.01
21) Naphthalene-d8	10.800	136	147821	20.000	ng	#-0.01
39) Acenaphthene-d10	14.636	164	95601	20.000	ng	-0.01
64) Phenanthrene-d10	17.391	188	185632	20.000	ng	#-0.01
76) Chrysene-d12	21.668	240	154587	20.000	ng	-0.01
86) Perylene-d12	24.904	264	164448	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.536	112	94775	49.283	ng	0.00
7) Phenol-d6	7.152	99	138530	47.588	ng	0.00
23) Nitrobenzene-d5	9.149	82	102570	30.705	ng	-0.01
42) 2,4,6-Tribromophenol	16.134	330	69306	49.321	ng	-0.01
45) 2-Fluorobiphenyl	13.255	172	221721	33.747	ng	0.00
79) Terphenyl-d14	19.999	244	293625	34.497	ng	-0.01
Target Compounds						Qvalue
49) Acenaphthylene	14.360	152	45354	5.262	ng	98
71) Phenanthrene	17.432	178	211084	21.613	ng	95
72) Anthracene	17.520	178	31332m	3.267	ng	
75) Fluoranthene	19.447	202	504730	41.998	ng	99
78) Pyrene	19.811	202	505238	47.940	ng	98
81) Benzo(a)anthracene	21.650	228	264070	26.230	ng	98
83) Chrysene	21.715	228	249951	25.973	ng	98
87) Indeno(1,2,3-cd)pyrene	28.611	276	183431	15.467	ng	# 98
88) Benzo(b)fluoranthene	23.882	252	353585	32.784	ng	# 97
89) Benzo(k)fluoranthene	23.935	252	105931m	10.530	ng	
90) Benzo(a)pyrene	24.757	252	249828	25.596	ng	97
91) Dibenzo(a,h)anthracene	28.664	278	48984	4.901	ng	# 99
92) Benzo(g,h,i)perylene	29.780	276	193021	19.714	ng	# 96

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

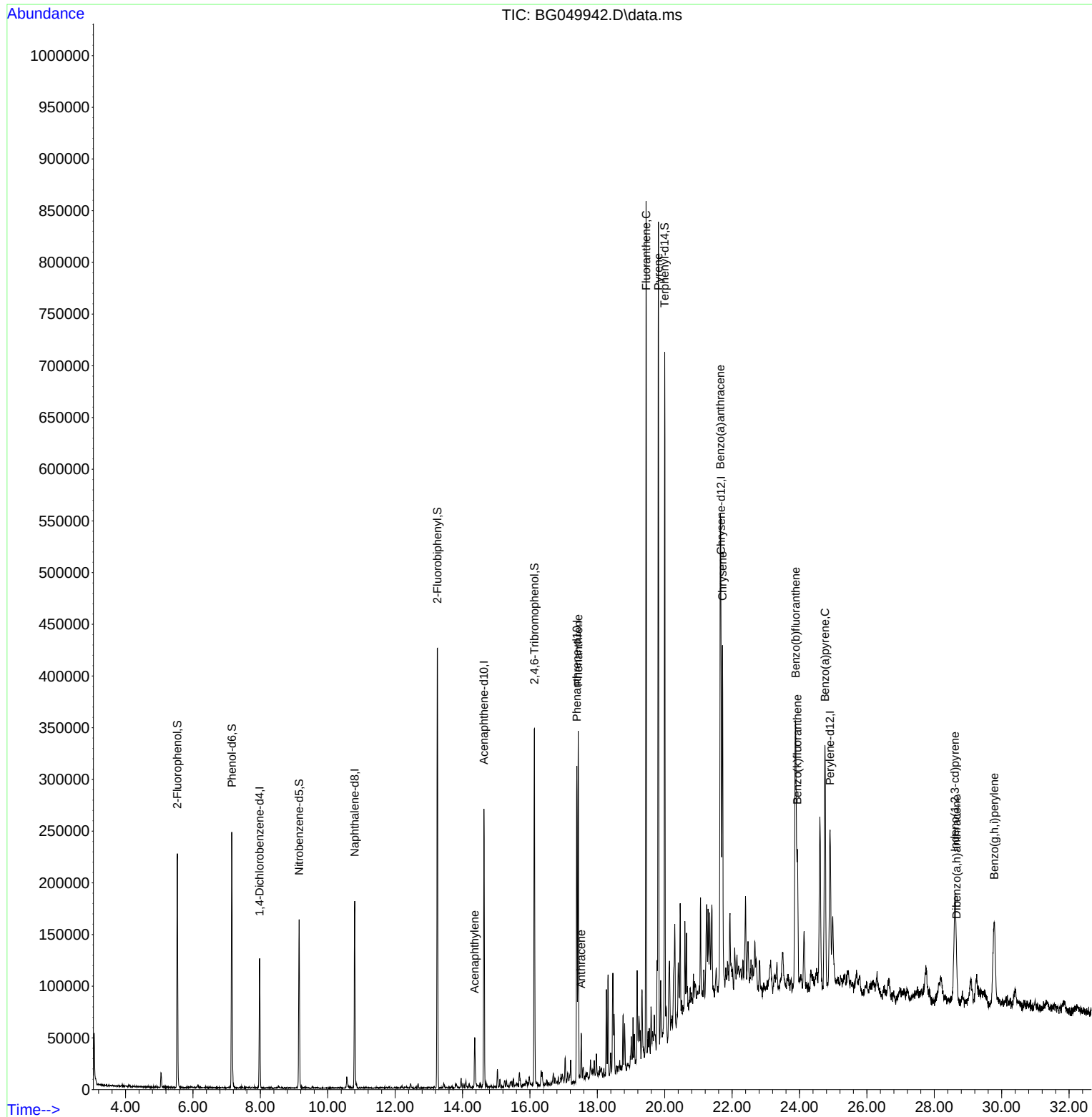
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Data File : BG049942.D
Acq On : 23 Aug 2021 20:56
Operator : CG/JU
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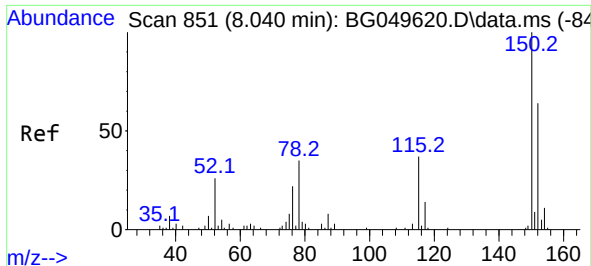
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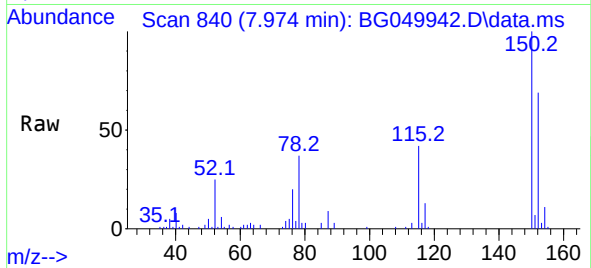
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Quant Time: Aug 24 02:28:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

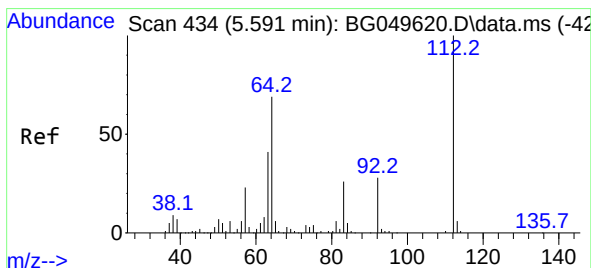
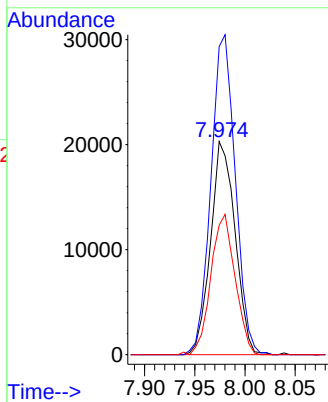
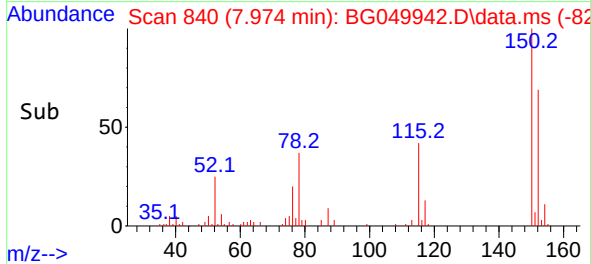




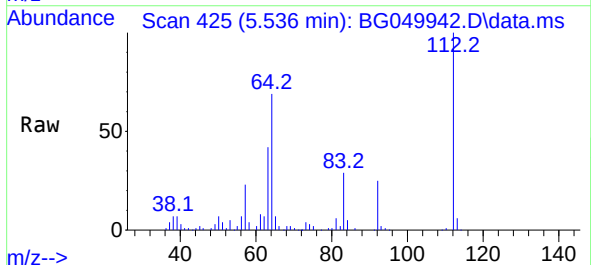
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.974 min Scan# 840
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



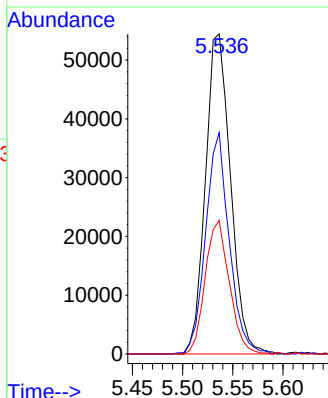
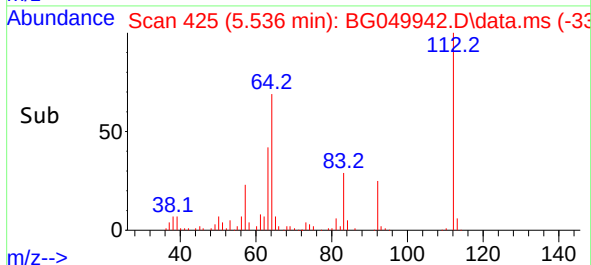
Tgt Ion:152 Resp: 34473
Ion Ratio Lower Upper
152 100
150 144.6 119.4 179.0
115 60.8 60.2 90.4



#5
2-Fluorophenol
Concen: 49.283 ng
RT: 5.536 min Scan# 425
Delta R.T. 0.000 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



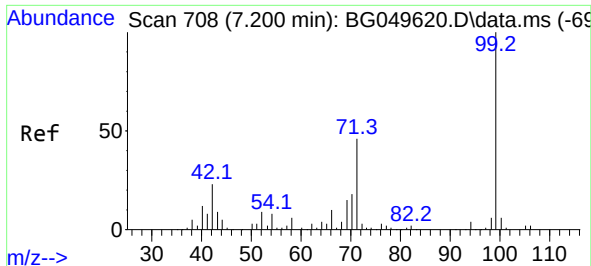
Tgt Ion:112 Resp: 94775
Ion Ratio Lower Upper
112 100
64 69.1 46.7 70.1
63 41.7 35.3 52.9



Instrument :
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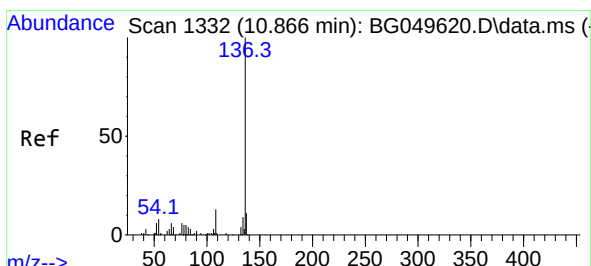
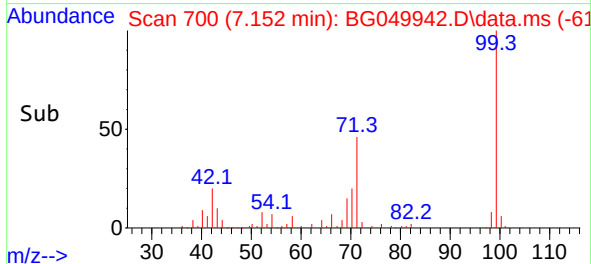
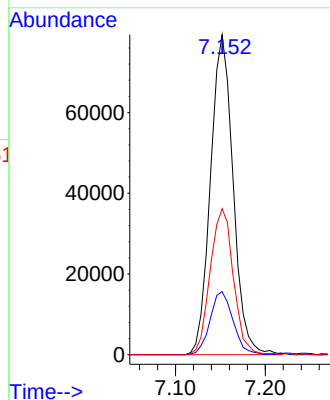
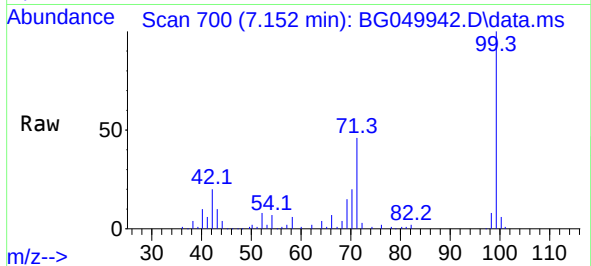
#7
Phenol-d6
Concen: 47.588 ng
RT: 7.152 min Scan# 700
Delta R.T. -0.006 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56

Tgt Ion: 99 Resp: 138530
Ion Ratio Lower Upper
99 100
42 19.7 20.5 30.7#
71 45.6 41.5 62.3

Instrument :
BNA_G
ClientSampleId :
SWCS-04-0002DL

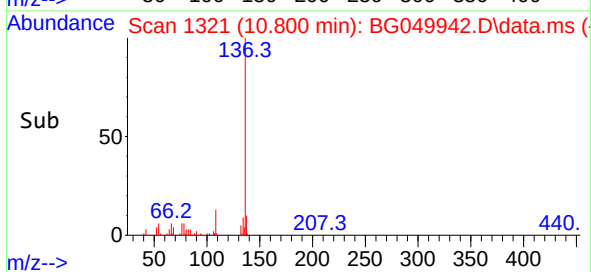
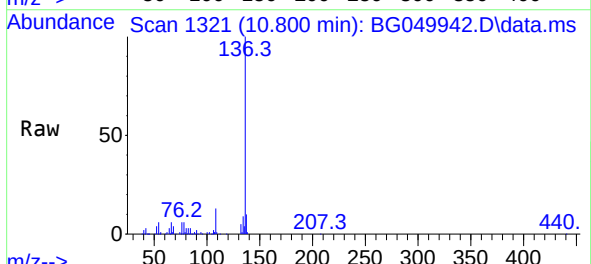
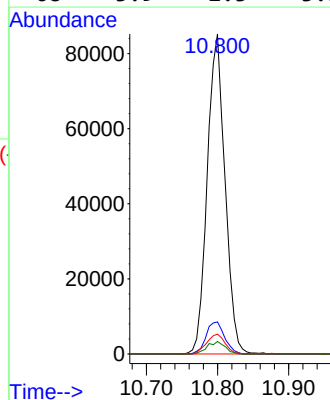
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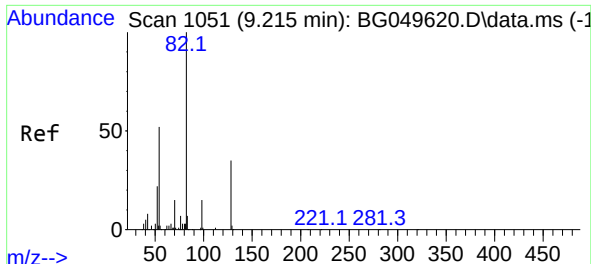
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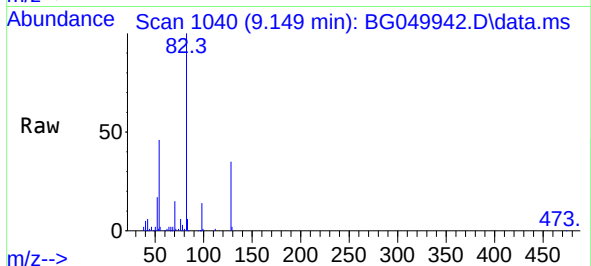
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 1321
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56

Tgt Ion:136 Resp: 147821
Ion Ratio Lower Upper
136 100
137 10.0 8.2 12.2
54 6.2 5.5 8.3
68 3.9 2.3 3.5#

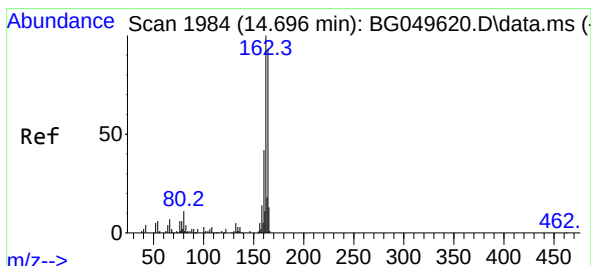
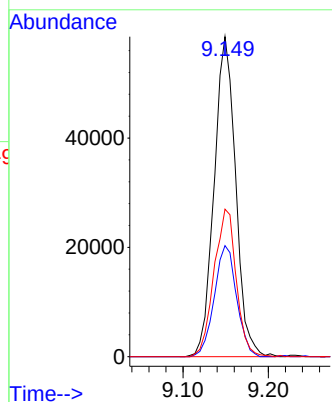
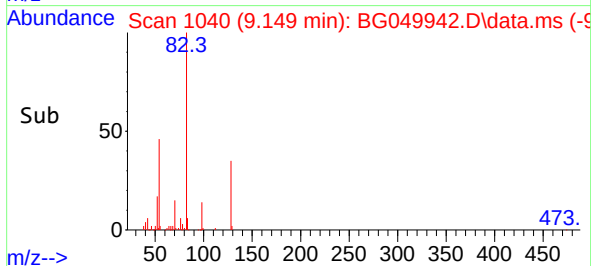




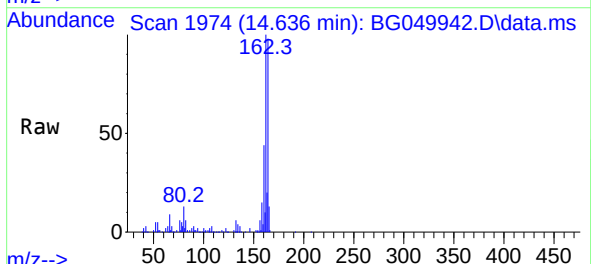
#23
Nitrobenzene-d5
Concen: 30.705 ng
RT: 9.149 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



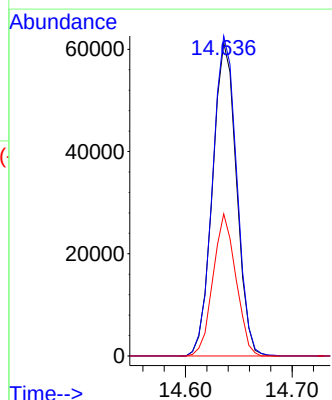
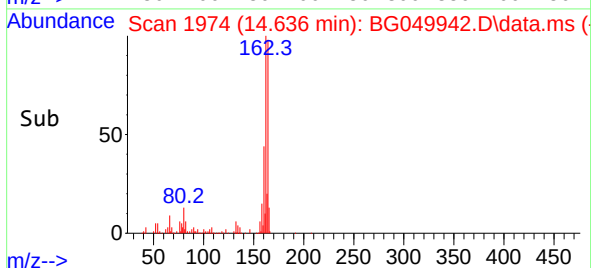
Tgt Ion: 82 Resp: 102570
Ion Ratio Lower Upper
82 100
128 34.7 29.8 44.6
54 46.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.636 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



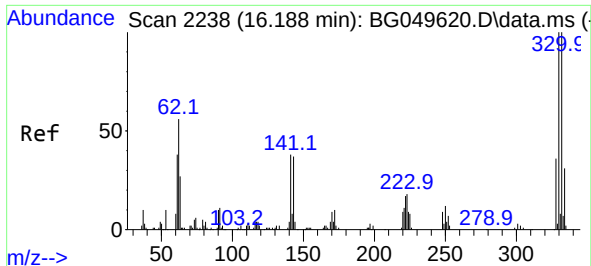
Tgt Ion: 164 Resp: 95601
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 45.4 34.9 52.3



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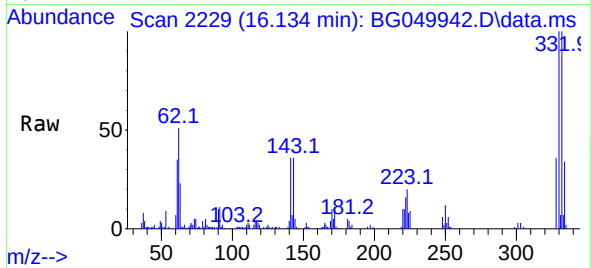
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#42
2,4,6-Tribromophenol
Concen: 49.321 ng
RT: 16.134 min Scan# 2229
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56

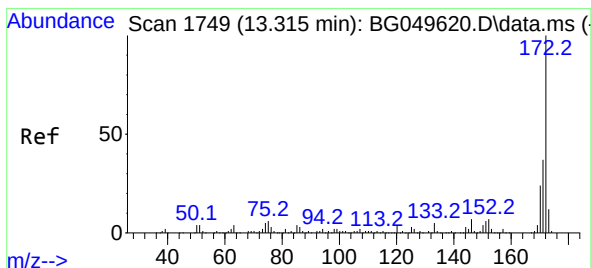
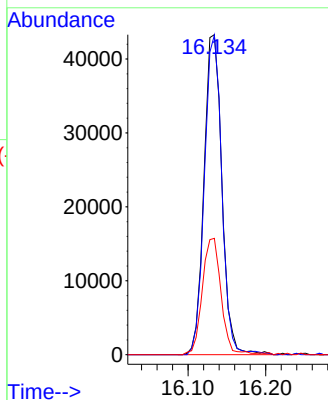
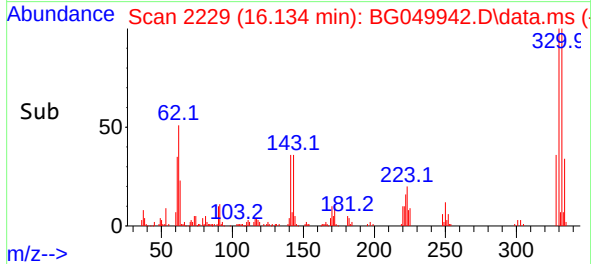
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ClientSampleId :
SWCS-04-0002DL



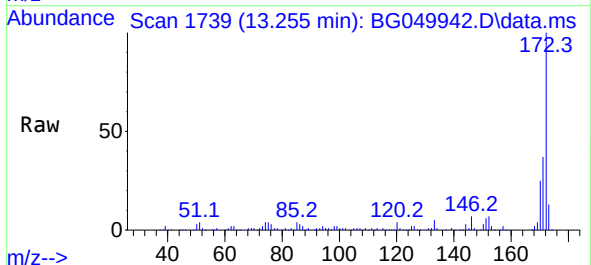
Tgt Ion:330 Resp: 69306
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 38.0 35.6 53.4

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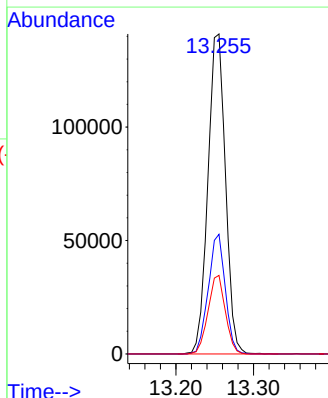
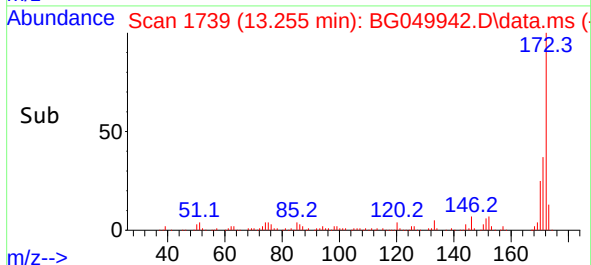
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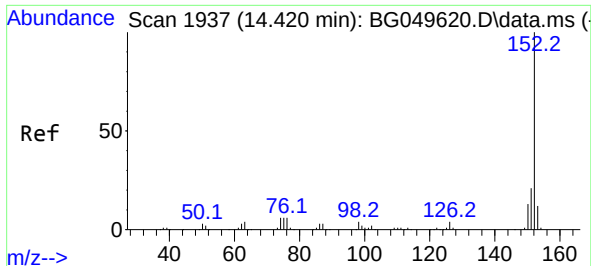


#45
2-Fluorobiphenyl
Concen: 33.747 ng
RT: 13.255 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



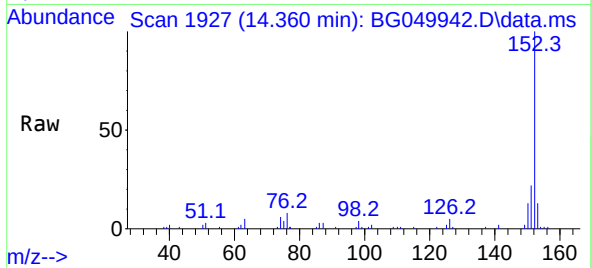
Tgt Ion:172 Resp: 221721
Ion Ratio Lower Upper
172 100
171 37.4 28.6 43.0
170 24.6 18.6 27.8





#49
Acenaphthylene
Concen: 5.262 ng
RT: 14.360 min Scan# 1927
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56

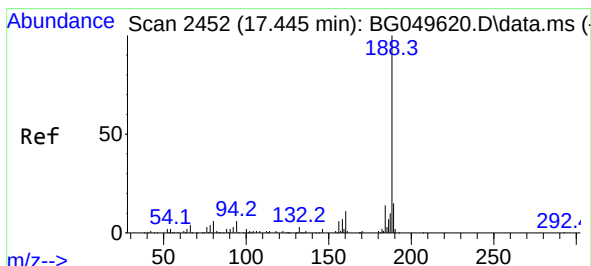
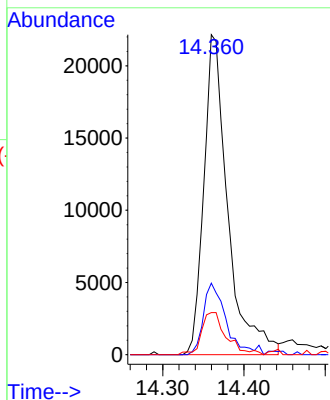
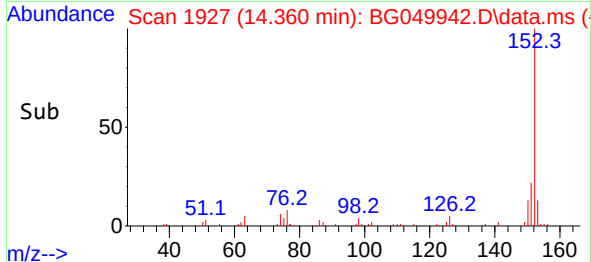
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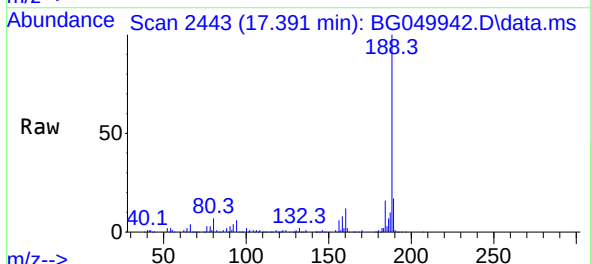
Tgt Ion:152 Resp: 45354
Ion Ratio Lower Upper
152 100
151 22.4 18.2 27.4
153 13.2 11.7 17.5

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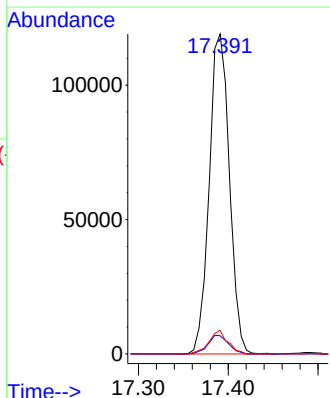
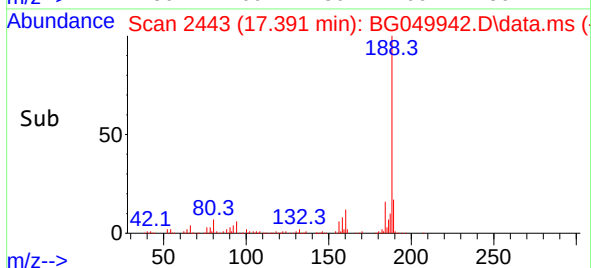
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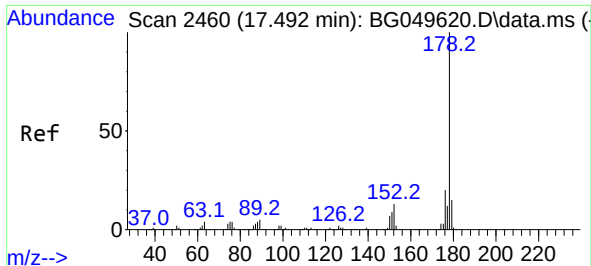


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.391 min Scan# 2443
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



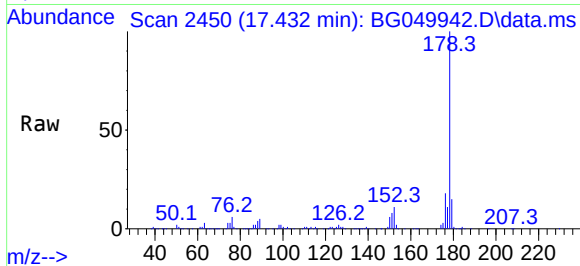
Tgt Ion:188 Resp: 185632
Ion Ratio Lower Upper
188 100
94 5.7 5.4 8.0
80 7.3 3.7 5.5#





#71
Phenanthrene
Concen: 21.613 ng
RT: 17.432 min Scan# 2450
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56

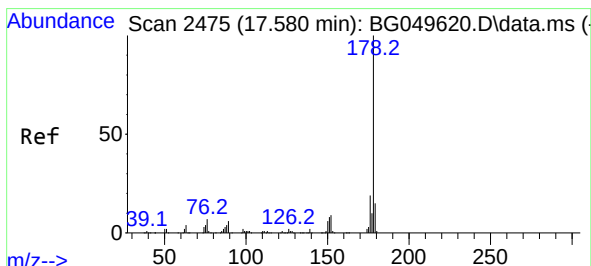
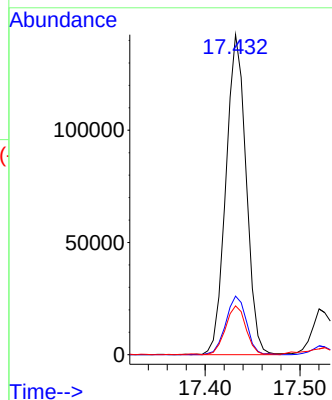
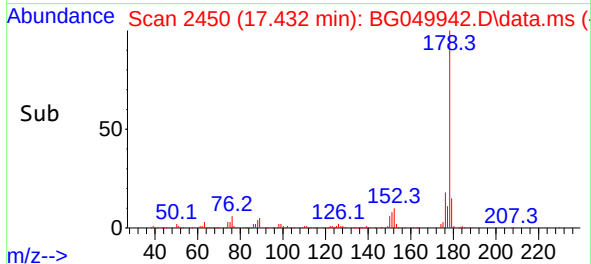
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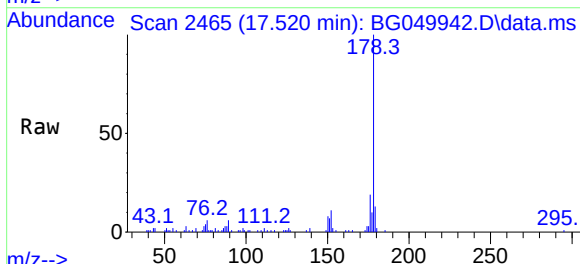
Tgt Ion:178 Resp: 211084
Ion Ratio Lower Upper
178 100
176 18.3 16.0 24.0
179 15.2 14.2 21.4

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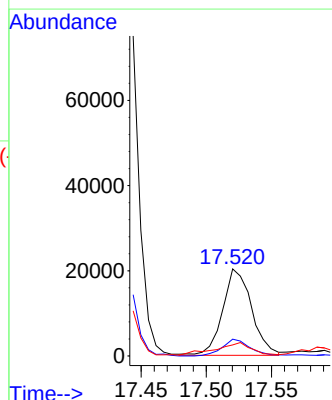
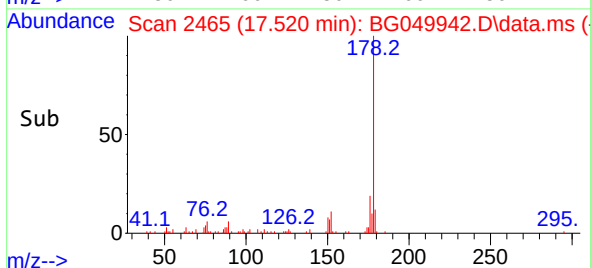
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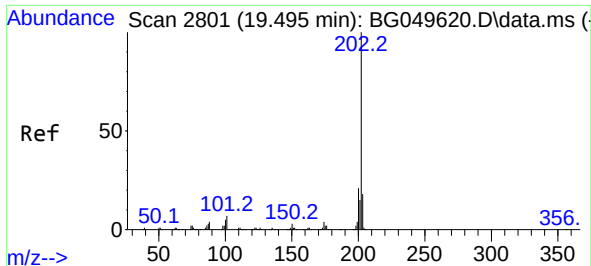


#72
Anthracene
Concen: 3.267 ng m
RT: 17.520 min Scan# 2465
Delta R.T. -0.018 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



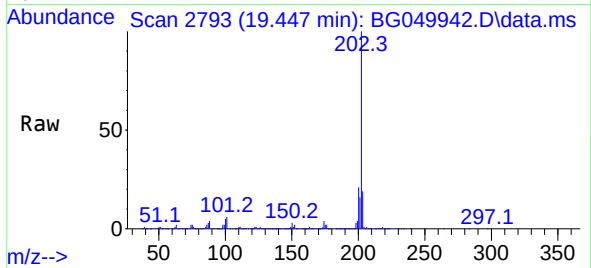
Tgt Ion:178 Resp: 31332
Ion Ratio Lower Upper
178 100
176 19.3 14.6 21.8
179 12.6 13.4 20.0#





#75
Fluoranthene
Concen: 41.998 ng
RT: 19.447 min Scan# 2793
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56

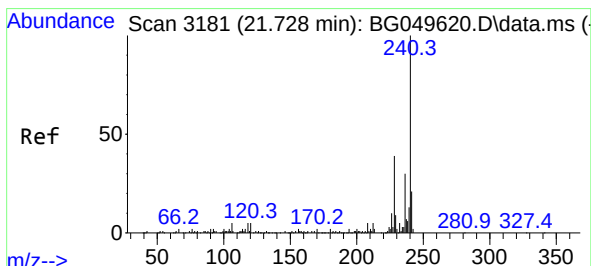
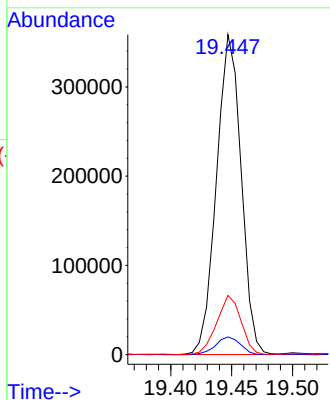
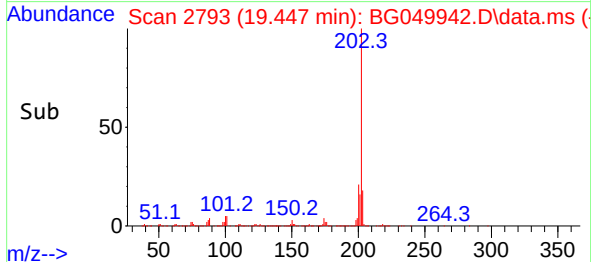
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ClientSampleId :
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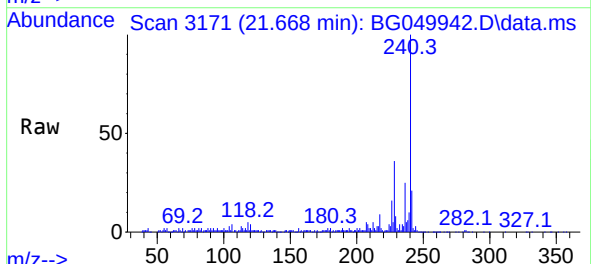
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Ion Ratio Lower Upper
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101 5.5 0.0 24.7
203 18.5 0.0 38.5

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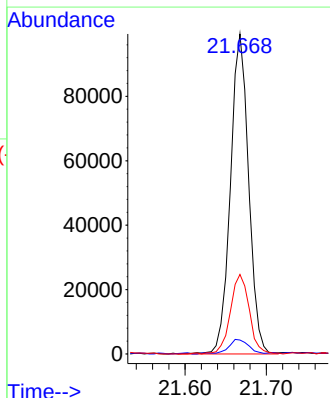
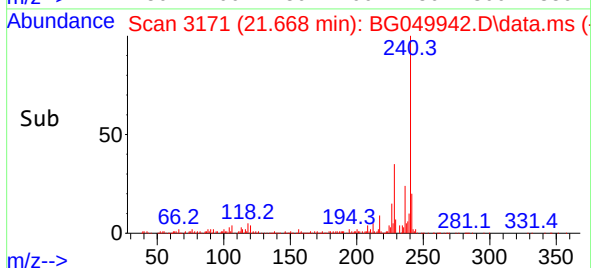
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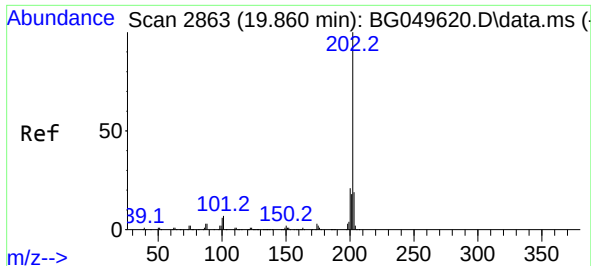


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Chrysene-d12
Concen: 20.000 ng
RT: 21.668 min Scan# 3171
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



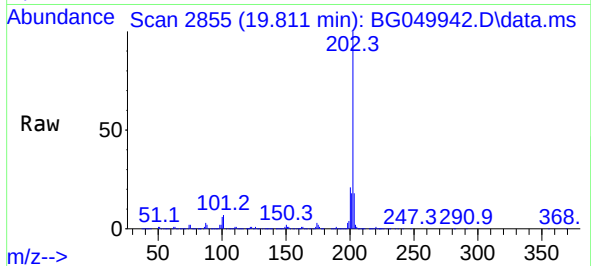
Tgt Ion:240 Resp: 154587
Ion Ratio Lower Upper
240 100
120 4.4 4.2 6.2
236 24.8 21.8 32.6





#78
Pyrene
Concen: 47.940 ng
RT: 19.811 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56

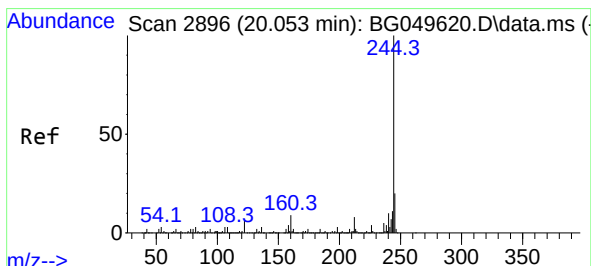
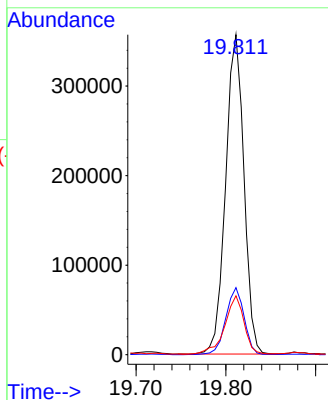
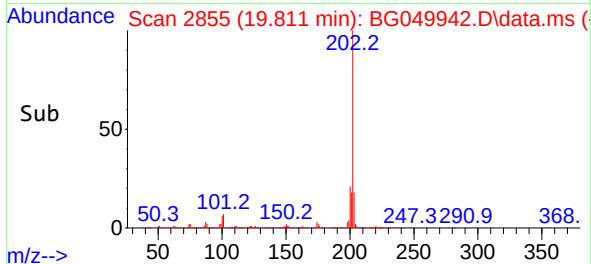
Instrument :
BNA_G
ClientSampleId :
SWCS-04-0002DL



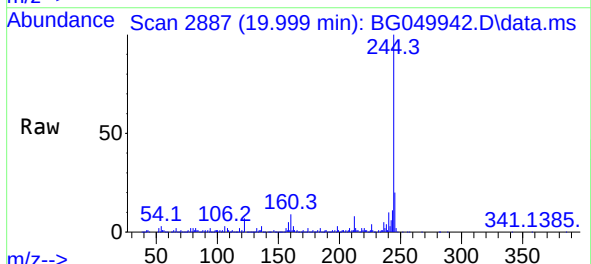
Tgt Ion:202 Resp: 505238
Ion Ratio Lower Upper
202 100
200 21.0 15.8 23.8
203 18.4 14.6 21.8

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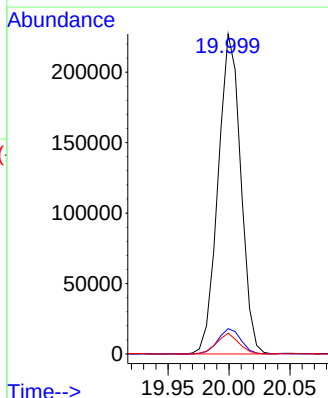
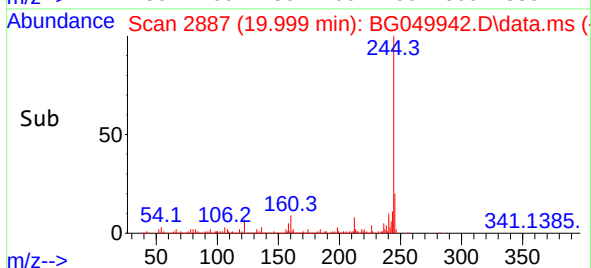
mohammad
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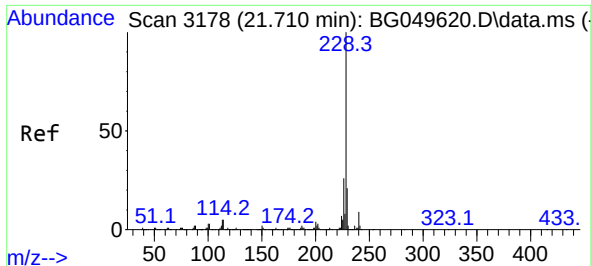


#79
Terphenyl-d14
Concen: 34.497 ng
RT: 19.999 min Scan# 2887
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



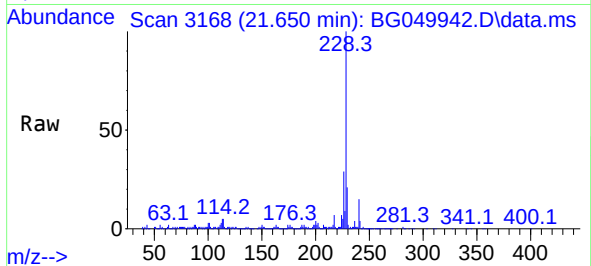
Tgt Ion:244 Resp: 293625
Ion Ratio Lower Upper
244 100
212 7.9 6.9 10.3
122 6.5 5.0 7.6





#81
Benzo(a)anthracene
Concen: 26.230 ng
RT: 21.650 min Scan# 3168
Delta R.T. -0.006 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56

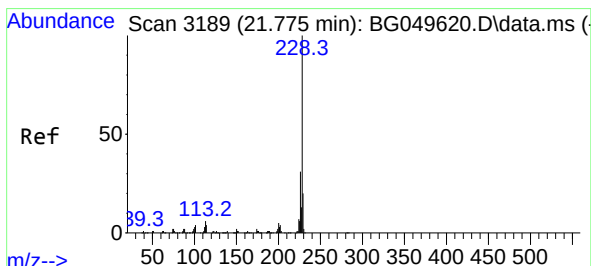
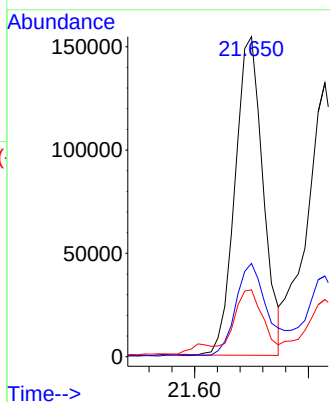
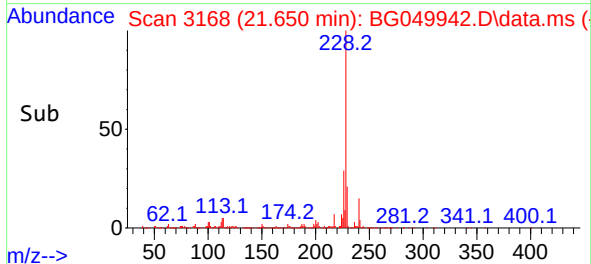
Instrument :
BNA_G
ClientSampleId :
SWCS-04-0002DL



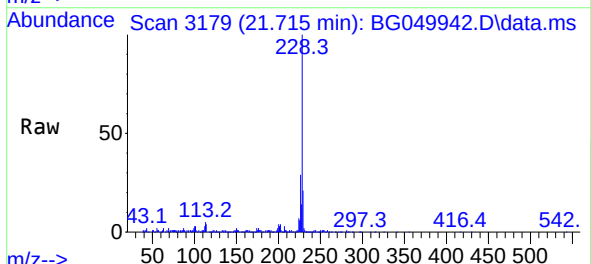
Tgt Ion:228 Resp: 264070
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 20.9 16.0 24.0

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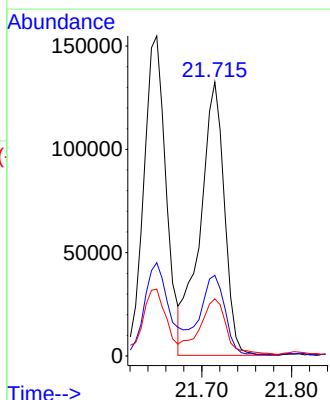
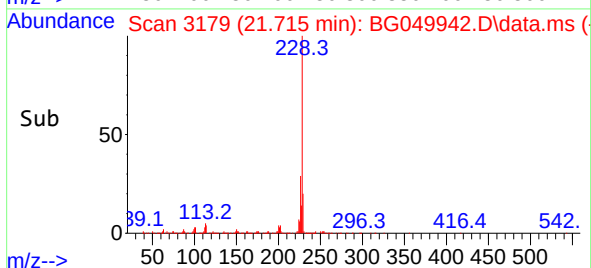
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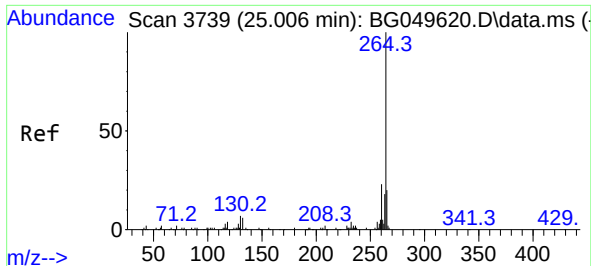


#83
Chrysene
Concen: 25.973 ng
RT: 21.715 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



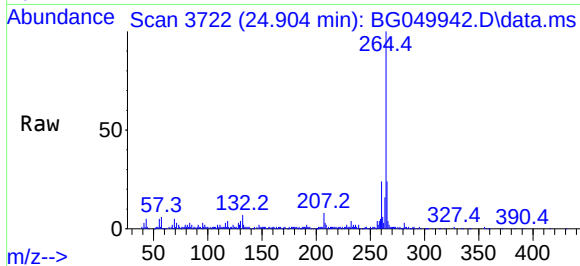
Tgt Ion:228 Resp: 249951
Ion Ratio Lower Upper
228 100
226 29.4 23.1 34.7
229 20.9 15.3 22.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.904 min Scan# 3722
Delta R.T. -0.018 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56

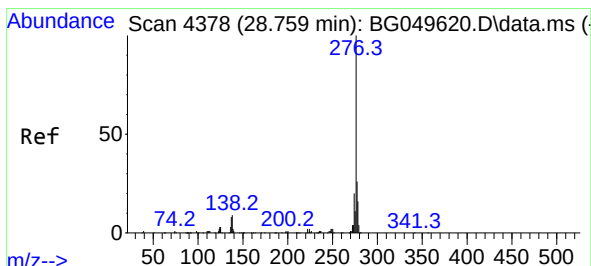
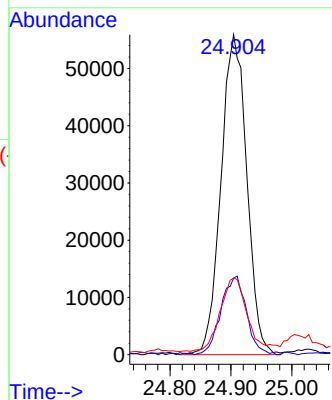
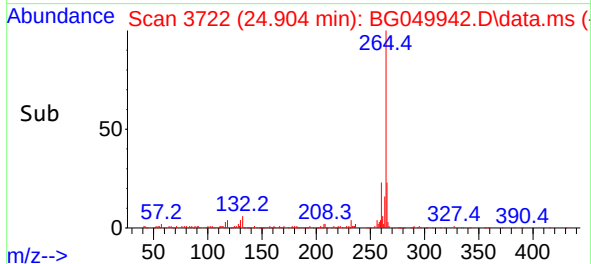
Instrument :
BNA_G
ClientSampleId :
SWCS-04-0002DL



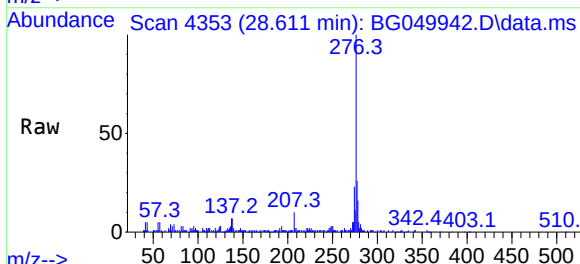
Tgt Ion:264 Resp: 164448
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 23.9 16.9 25.3

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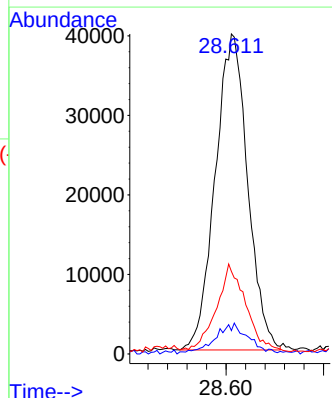
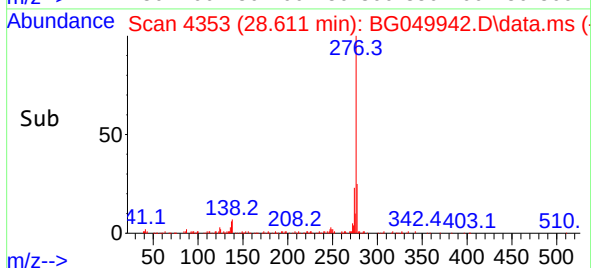
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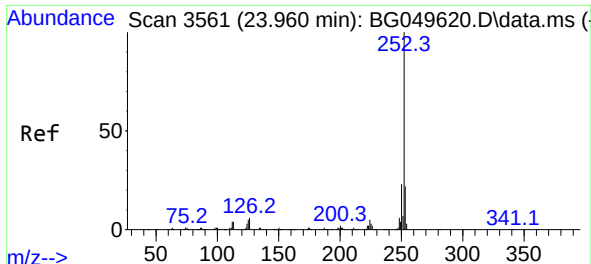


#87
Indeno(1,2,3-cd)pyrene
Concen: 15.467 ng
RT: 28.611 min Scan# 4353
Delta R.T. -0.035 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



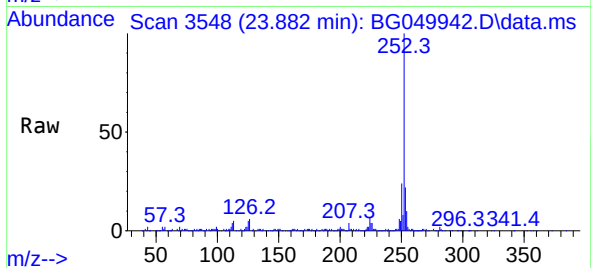
Tgt Ion:276 Resp: 183431
Ion Ratio Lower Upper
276 100
138 4.4 5.1 7.7#
277 25.2 19.8 29.6





#88
Benzo(b)fluoranthene
Concen: 32.784 ng
RT: 23.882 min Scan# 3548
Delta R.T. -0.012 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56

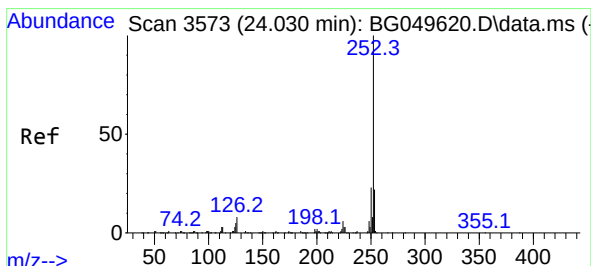
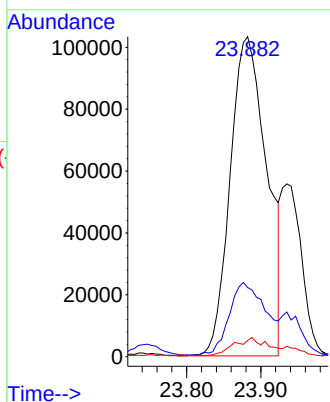
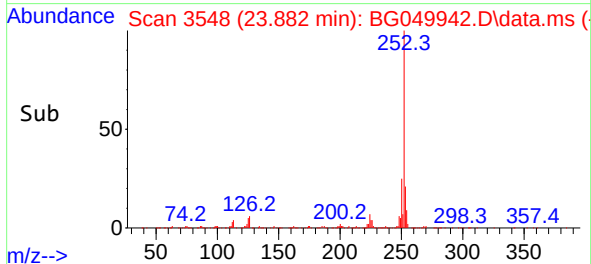
Instrument :
BNA_G
ClientSampleId :
SWCS-04-0002DL



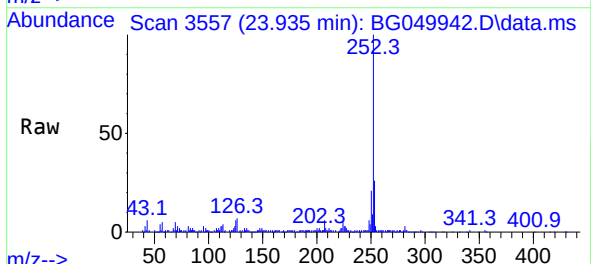
Tgt Ion:252 Resp: 353585
Ion Ratio Lower Upper
252 100
253 21.6 16.2 24.4
125 5.1 3.0 4.4#

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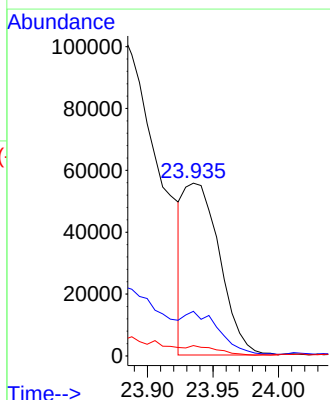
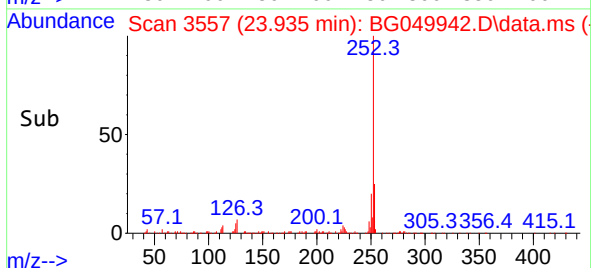
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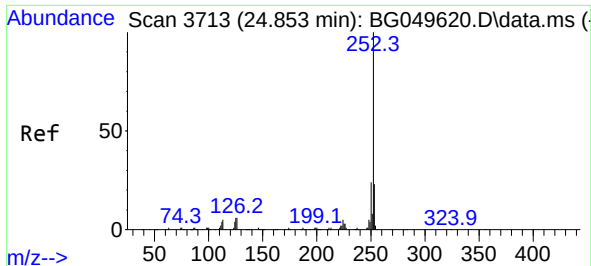


#89
Benzo(k)fluoranthene
Concen: 10.530 ng m
RT: 23.935 min Scan# 3557
Delta R.T. -0.023 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



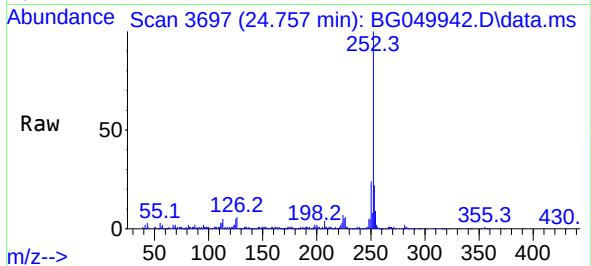
Tgt Ion:252 Resp: 105931
Ion Ratio Lower Upper
252 100
253 25.8 18.0 27.0
125 6.0 3.1 4.7#





#90
Benzo(a)pyrene
Concen: 25.596 ng
RT: 24.757 min Scan# 3697
Delta R.T. -0.018 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56

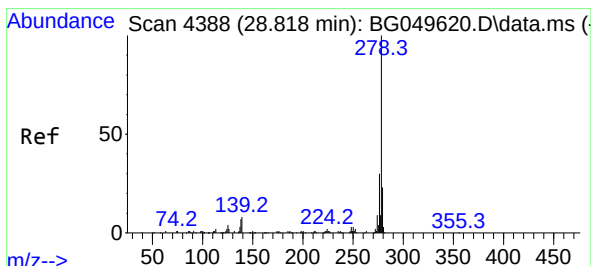
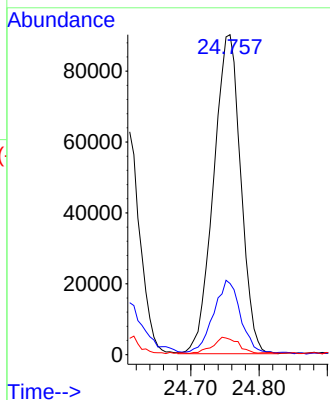
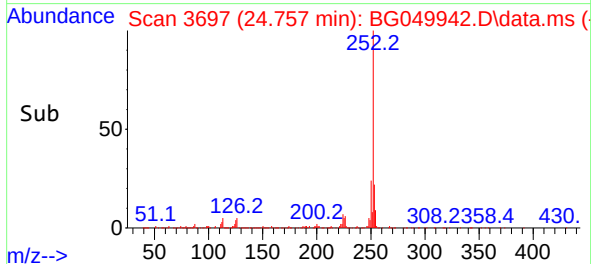
Instrument :
BNA_G
ClientSampleId :
SWCS-04-0002DL



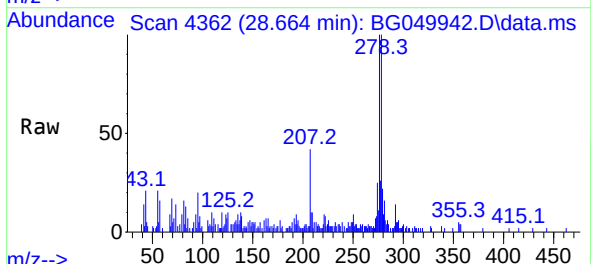
Tgt Ion:252 Resp: 249828
Ion Ratio Lower Upper
252 100
253 22.3 16.6 25.0
125 4.8 3.5 5.3

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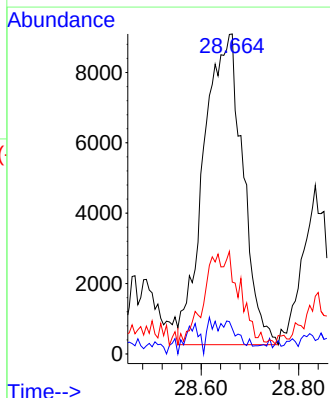
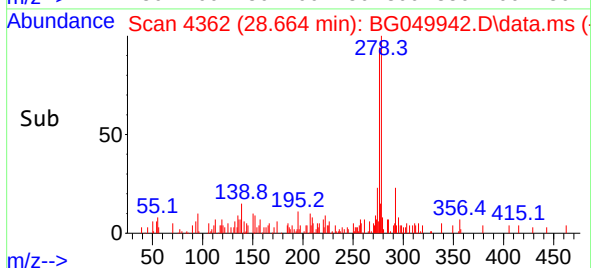
mohammad
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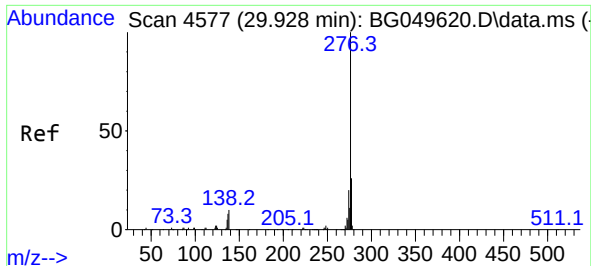


#91
Dibenzo(a,h)anthracene
Concen: 4.901 ng
RT: 28.664 min Scan# 4362
Delta R.T. -0.035 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56



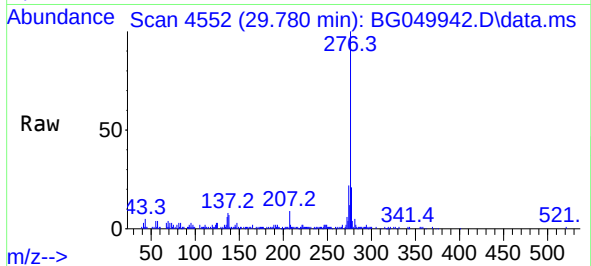
Tgt Ion:278 Resp: 48984
Ion Ratio Lower Upper
278 100
139 7.9 4.6 6.8#
279 22.5 17.9 26.9





#92
Benzo(g,h,i)perylene
Concen: 19.714 ng
RT: 29.780 min Scan# 4552
Delta R.T. -0.035 min
Lab File: BG049942.D
Acq: 23 Aug 2021 20:56

Instrument :
BNA_G
ClientSampleId :
SWCS-04-0002DL



Tgt Ion: 276 Resp: 193021
Ion Ratio Lower Upper
276 100
277 21.4 18.4 27.6
138 6.9 7.0 10.6#

Manual Integrations
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