

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

Manual Integrations
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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
49) Acenaphthylene	14.366	152	33848	4.048	ng	95
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	23.941	252	67083m	7.395	ng	
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

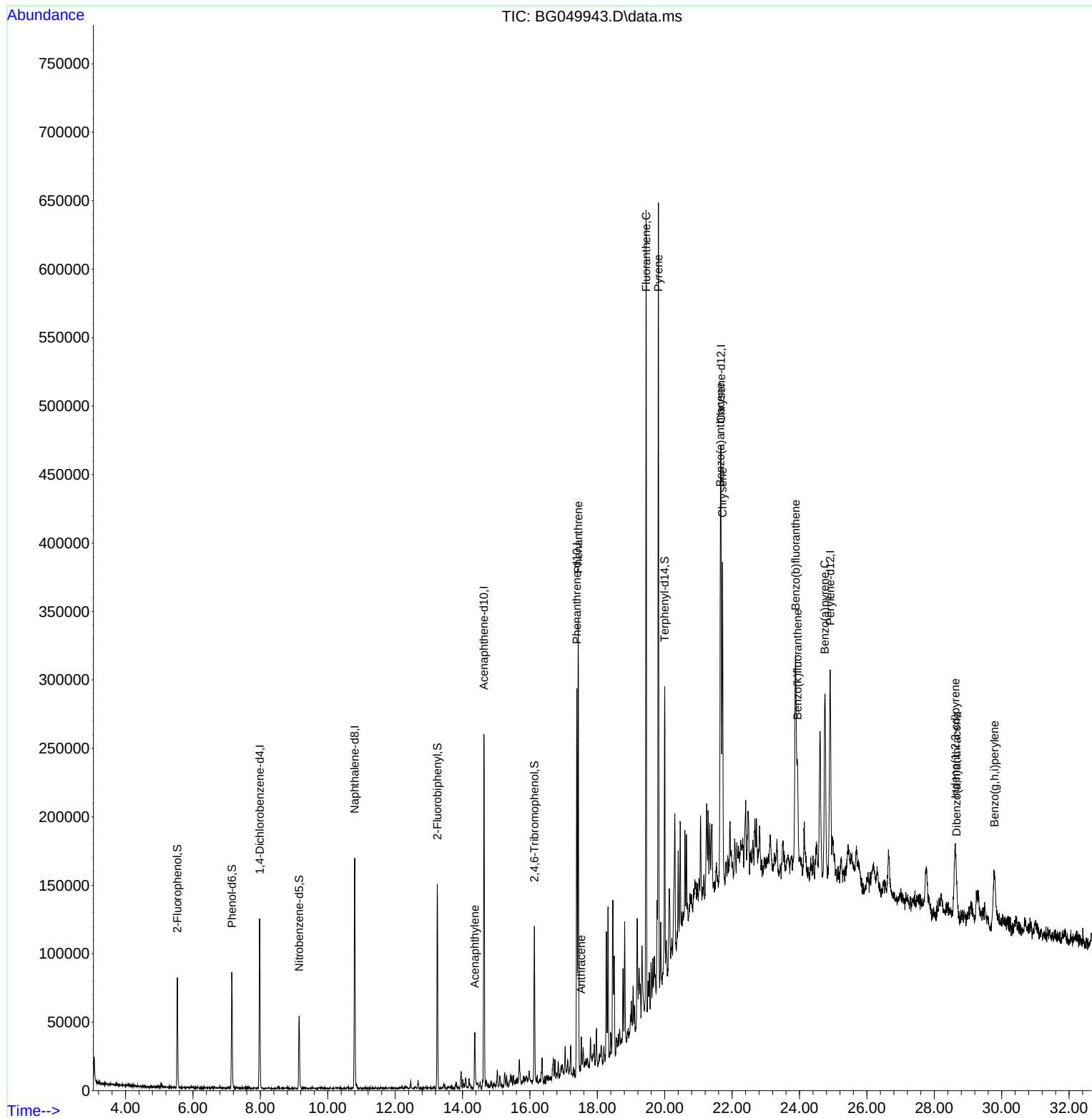
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082321\
Data File : BG049943.D
Acq On : 23 Aug 2021 21:37
Operator : CG/JU
Sample : M3394-13DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

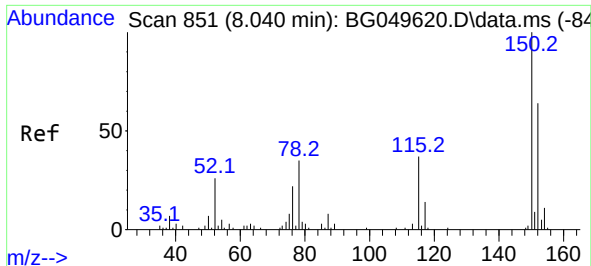
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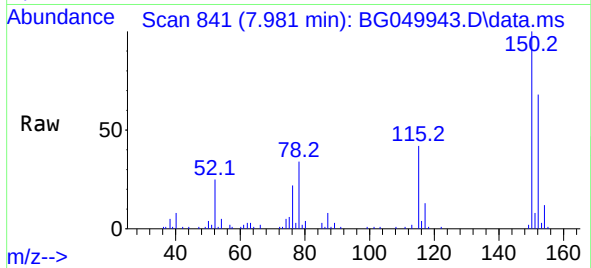
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Quant Time: Aug 24 02:28:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 16:13:24 2021
Response via : Initial Calibration

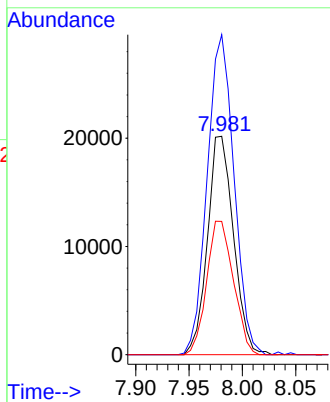
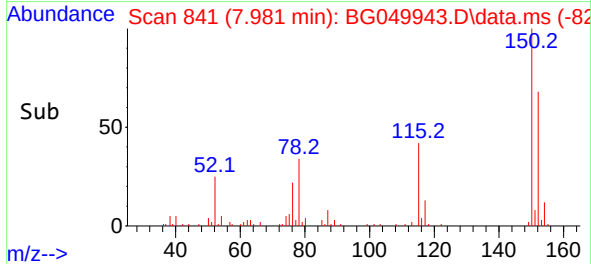




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 841
Delta R.T. -0.005 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37



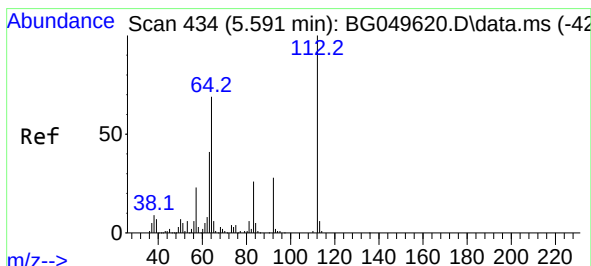
Tgt Ion:152 Resp: 34257
Ion Ratio Lower Upper
152 100
150 146.6 119.4 179.0
115 61.1 60.2 90.4



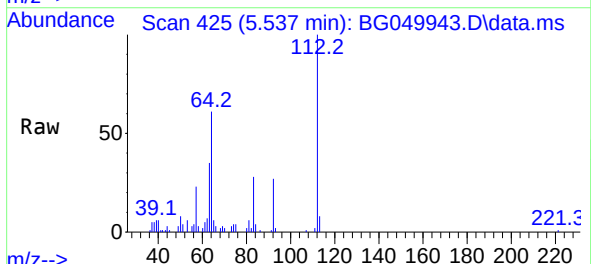
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL

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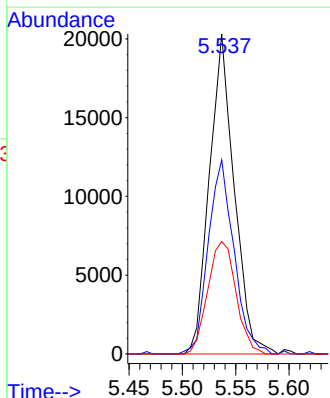
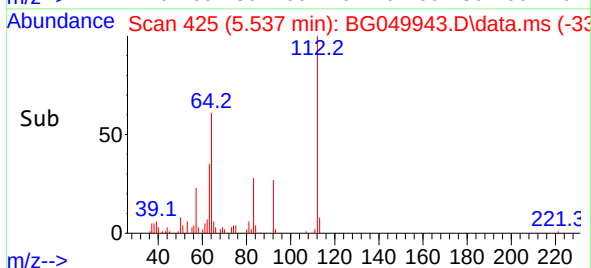
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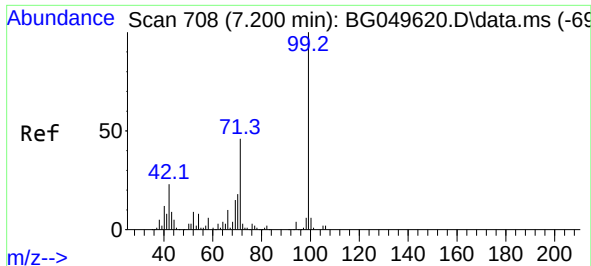


#5
2-Fluorophenol
Concen: 17.192 ng
RT: 5.537 min Scan# 425
Delta R.T. 0.001 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37



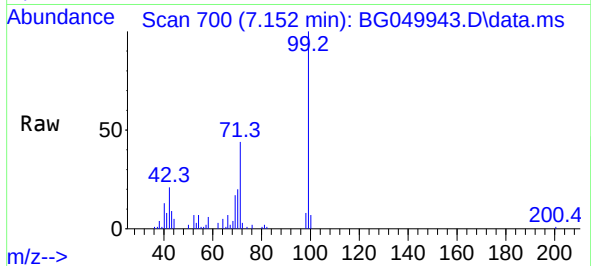
Tgt Ion:112 Resp: 32855
Ion Ratio Lower Upper
112 100
64 60.7 46.7 70.1
63 35.1 35.3 52.9#





#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

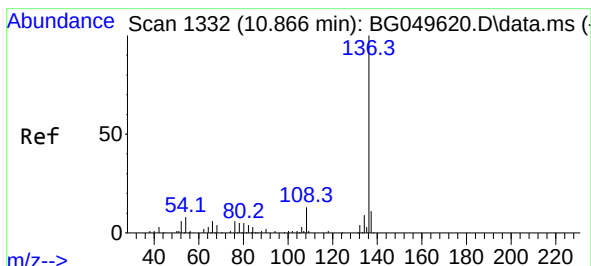
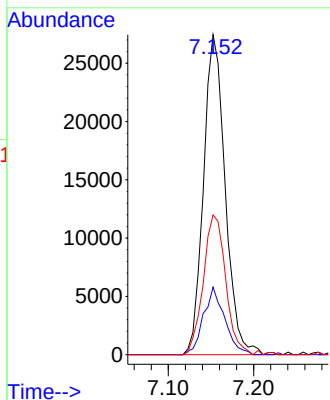
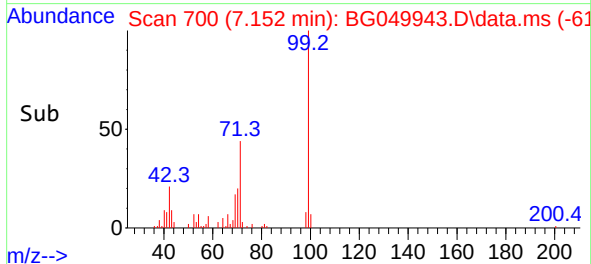
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ClientSampleId :
SWCS-02-0002DL



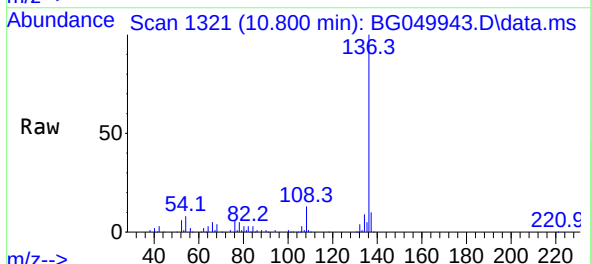
Tgt Ion: 99 Resp: 48524
Ion Ratio Lower Upper
99 100
42 21.1 20.5 30.7
71 43.7 41.5 62.3

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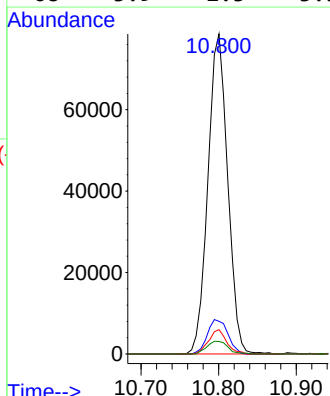
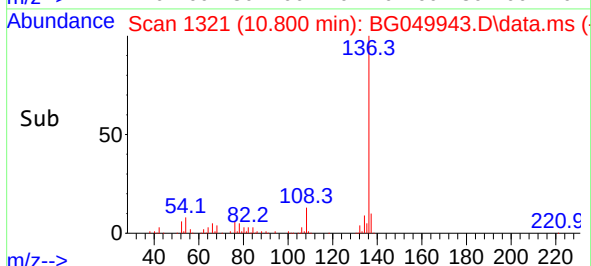
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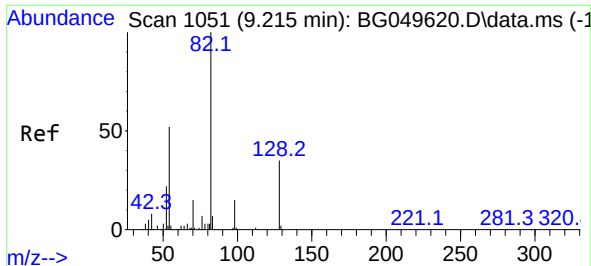


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.800 min Scan# 1321
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37



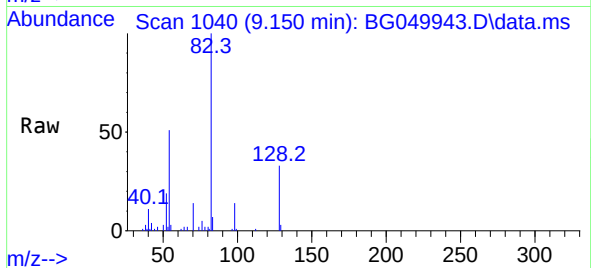
Tgt Ion: 136 Resp: 139010
Ion Ratio Lower Upper
136 100
137 10.2 8.2 12.2
54 7.6 5.5 8.3
68 3.9 2.3 3.5#





#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

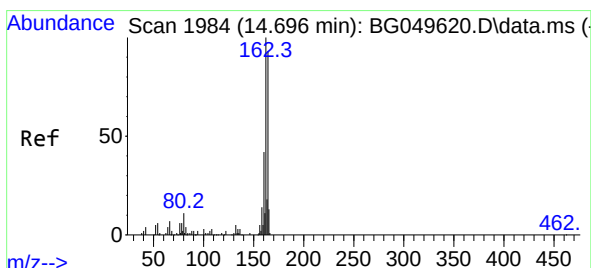
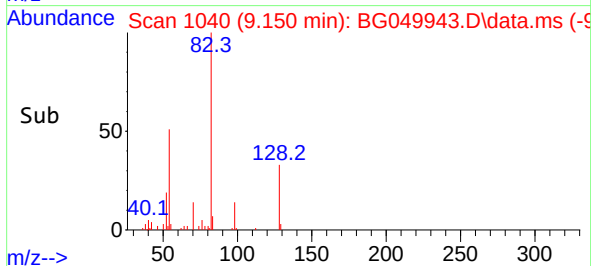
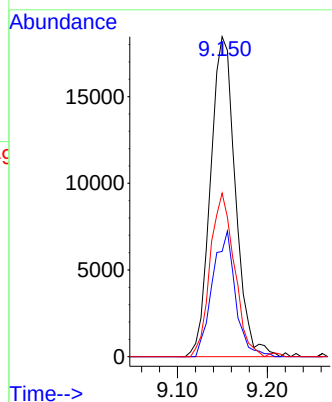
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 82 Resp: 35534
Ion Ratio Lower Upper
82 100
128 32.9 29.8 44.6
54 51.1 45.8 68.8

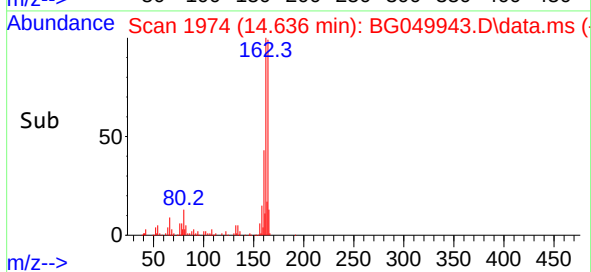
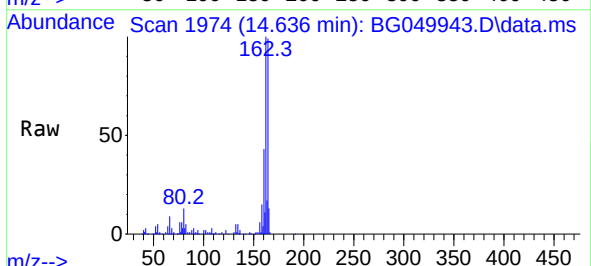
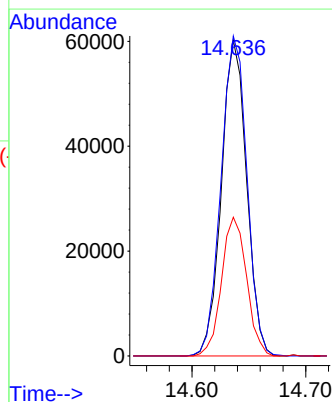
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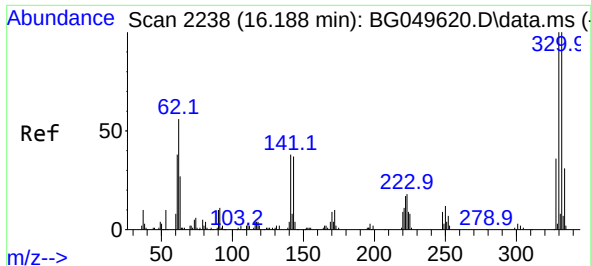
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.636 min Scan# 1974
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

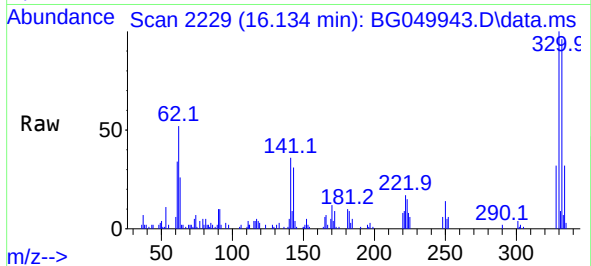
Tgt Ion: 164 Resp: 92737
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 43.9 34.9 52.3





#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

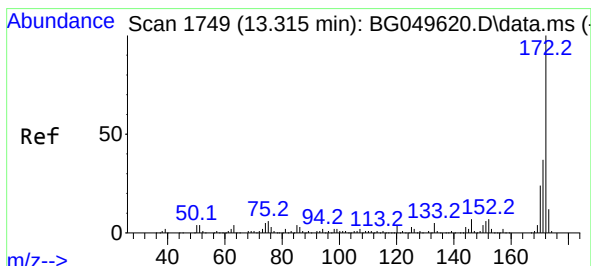
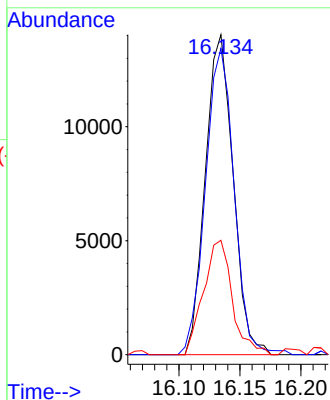
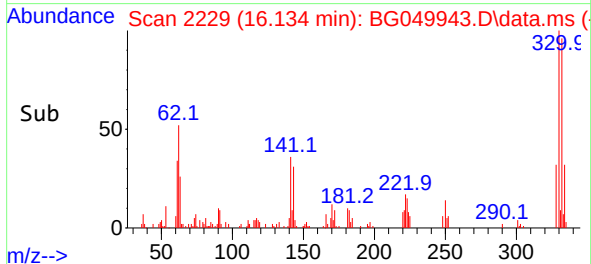
Instrument :
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ClientSampleId :
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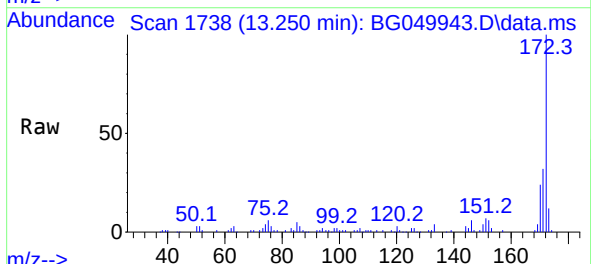
Tgt Ion:330 Resp: 22243
Ion Ratio Lower Upper
330 100
332 98.8 77.3 115.9
141 37.1 35.6 53.4

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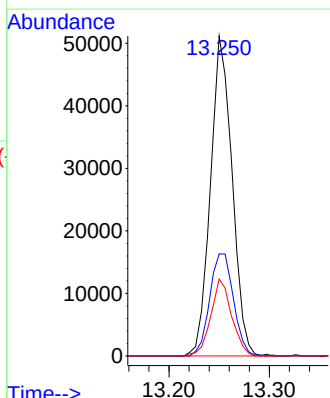
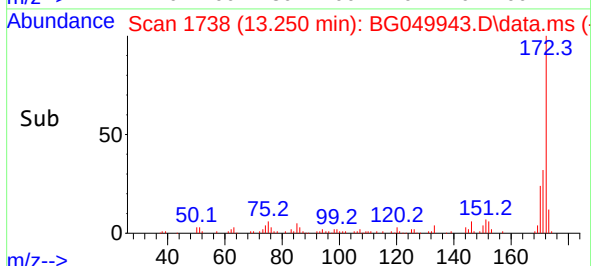
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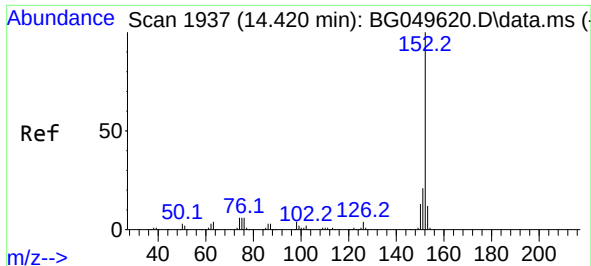


#45
2-Fluorobiphenyl
Concen: 12.039 ng
RT: 13.250 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37



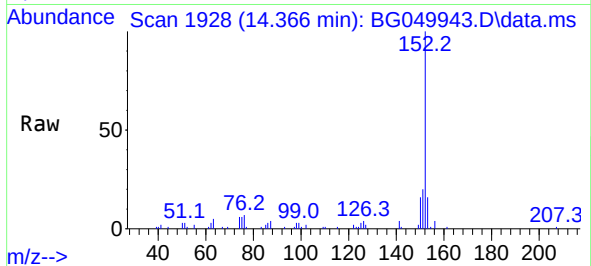
Tgt Ion:172 Resp: 76729
Ion Ratio Lower Upper
172 100
171 31.9 28.6 43.0
170 24.0 18.6 27.8





#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

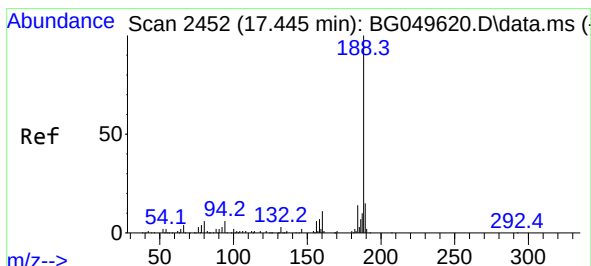
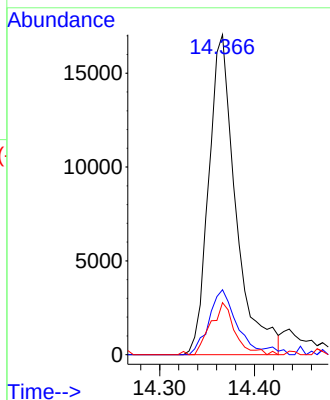
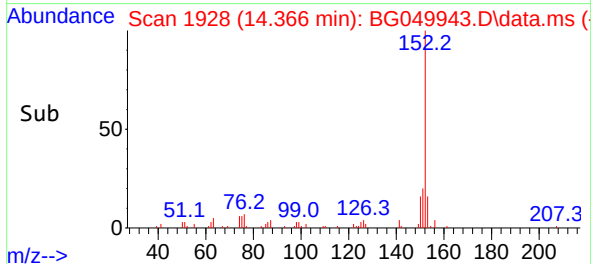
Instrument :
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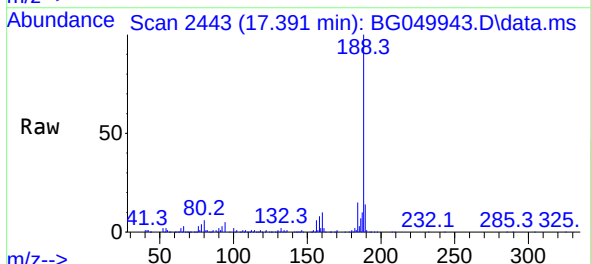
Tgt Ion:152 Resp: 33848
Ion Ratio Lower Upper
152 100
151 20.3 18.2 27.4
153 16.3 11.7 17.5

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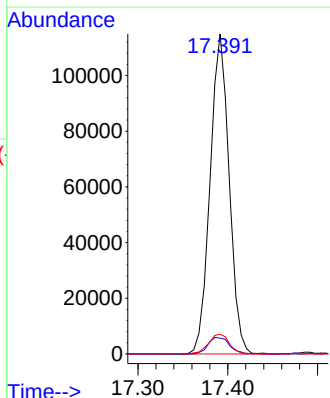
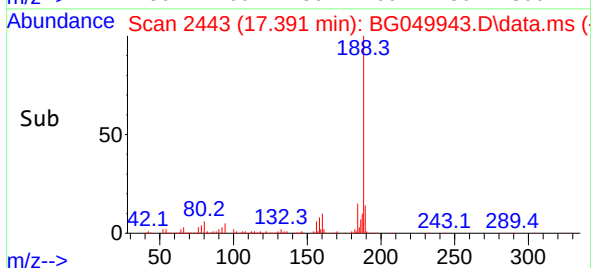
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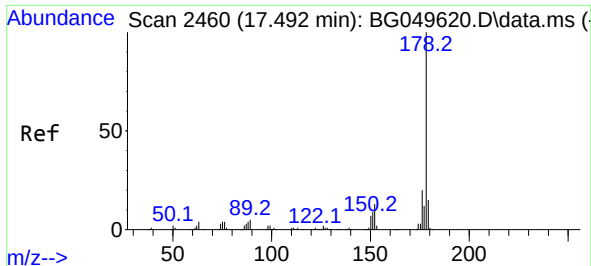


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.391 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37



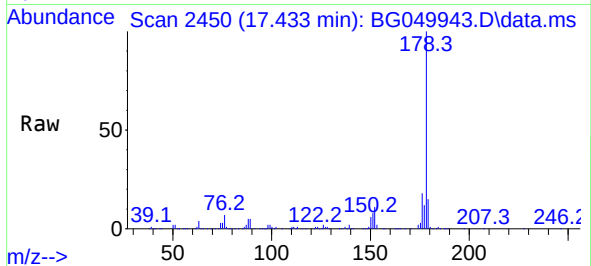
Tgt Ion:188 Resp: 168845
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 6.1 3.7 5.5#





#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

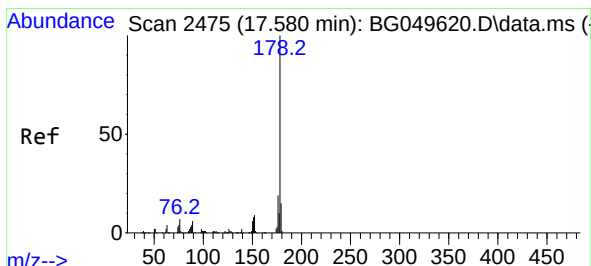
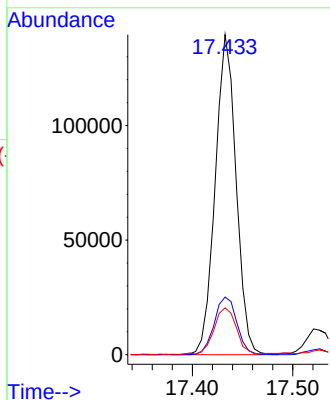
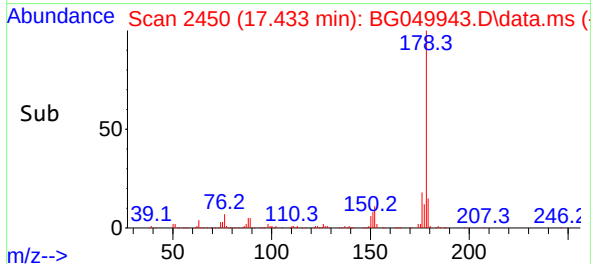
Instrument :
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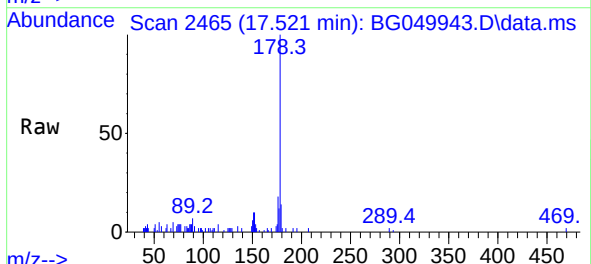
Tgt Ion:178 Resp: 201479
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 14.6 14.2 21.4

Manual Integrations
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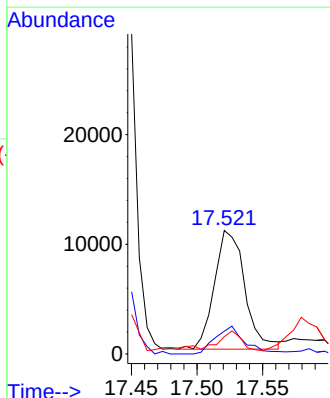
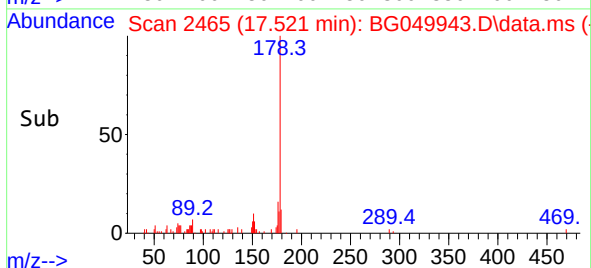
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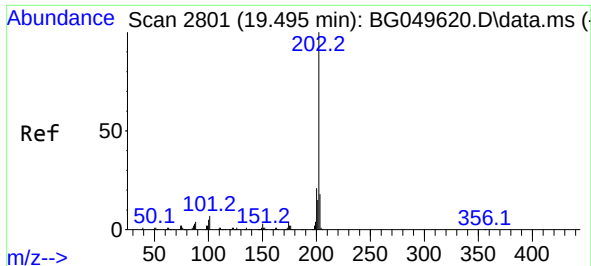


#72
Anthracene
Concen: 2.004 ng
RT: 17.521 min Scan# 2465
Delta R.T. -0.017 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37



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





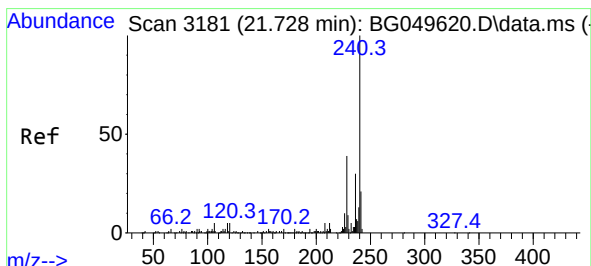
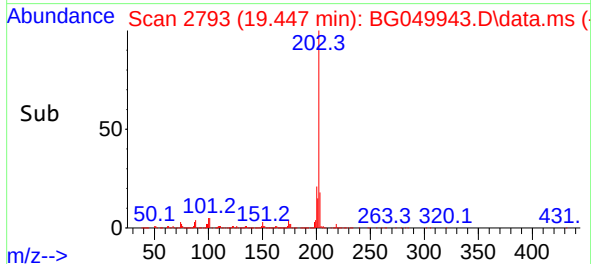
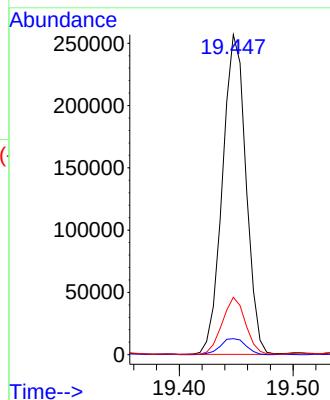
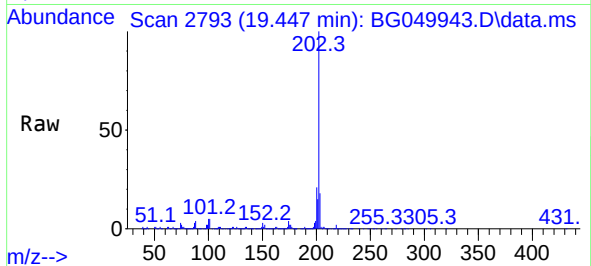
#75
Fluoranthene
Concen: 33.719 ng
RT: 19.447 min Scan# 2793
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

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

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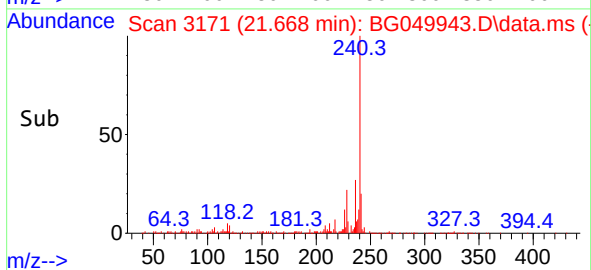
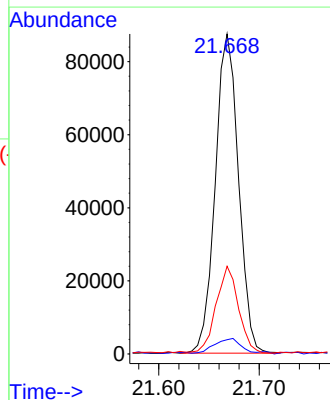
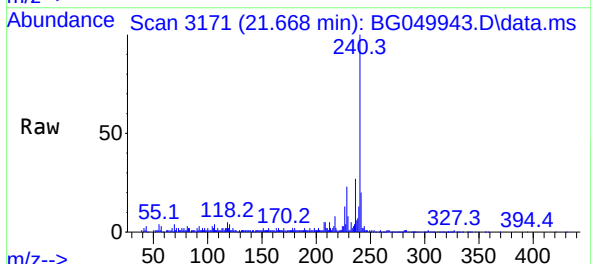
Manual Integrations
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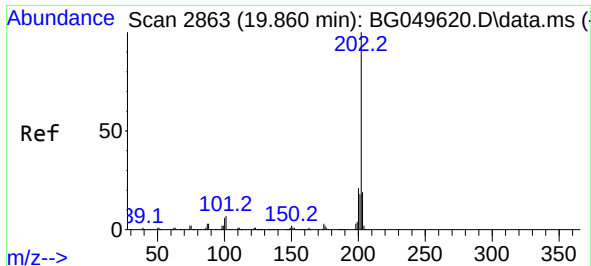
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.668 min Scan# 3171
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37

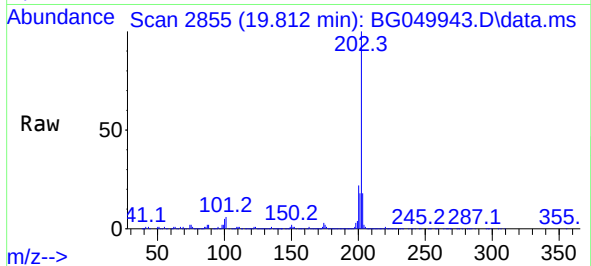
Tgt Ion:240 Resp: 140390
Ion Ratio Lower Upper
240 100
120 4.5 4.2 6.2
236 27.4 21.8 32.6





#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

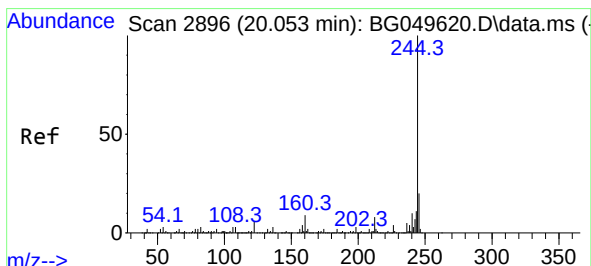
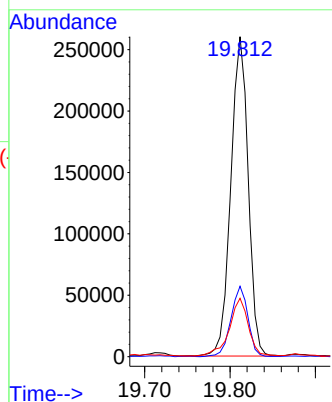
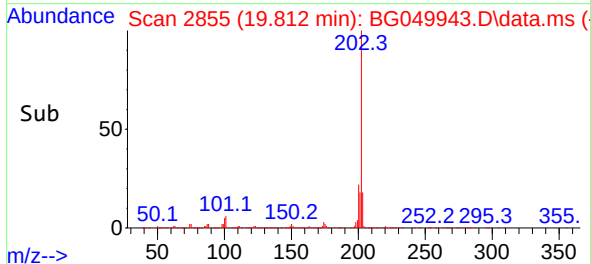
Instrument :
 BNA_G
 ClientSampleID :
 SWCS-02-0002DL



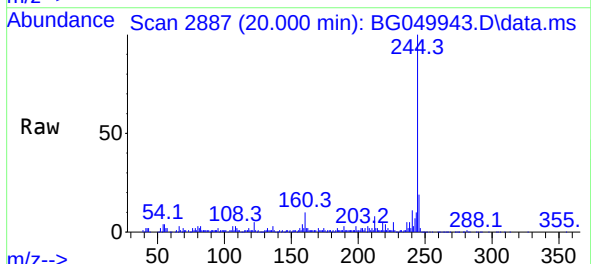
Tgt Ion:202 Resp: 368136
 Ion Ratio Lower Upper
 202 100
 200 22.0 15.8 23.8
 203 18.2 14.6 21.8

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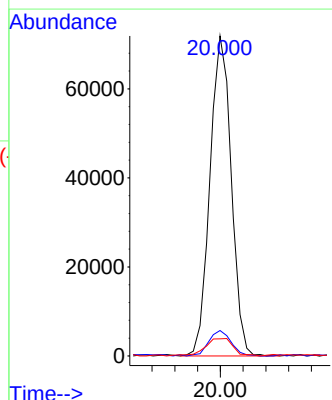
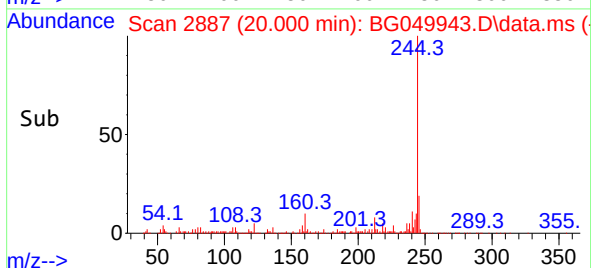
mohammad
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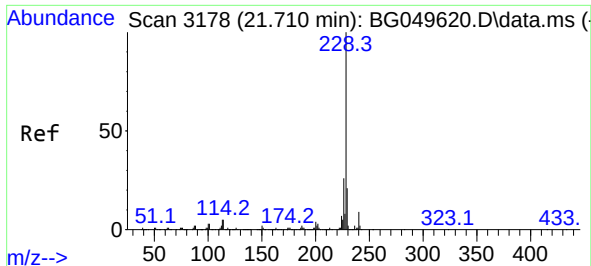


#79
 Terphenyl-d14
 Concen: 12.106 ng
 RT: 20.000 min Scan# 2887
 Delta R.T. -0.011 min
 Lab File: BG049943.D
 Acq: 23 Aug 2021 21:37



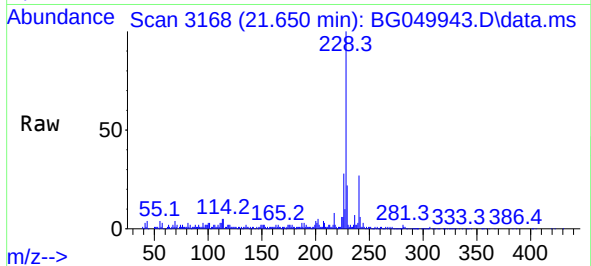
Tgt Ion:244 Resp: 93574
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.9 10.3
 122 5.3 5.0 7.6





#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

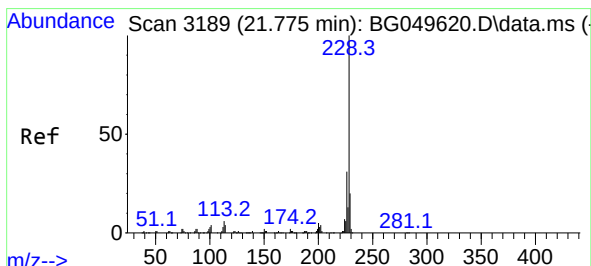
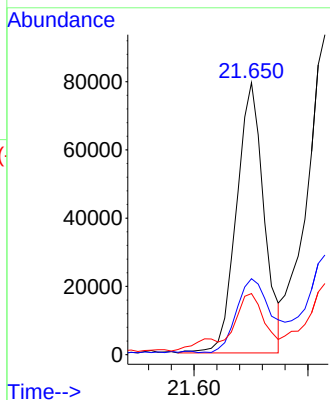
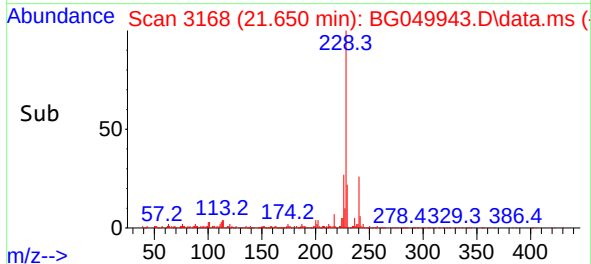
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL



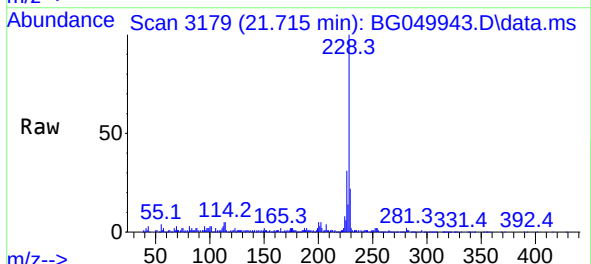
Tgt Ion:228 Resp: 132700
Ion Ratio Lower Upper
228 100
226 27.9 22.7 34.1
229 22.5 16.0 24.0

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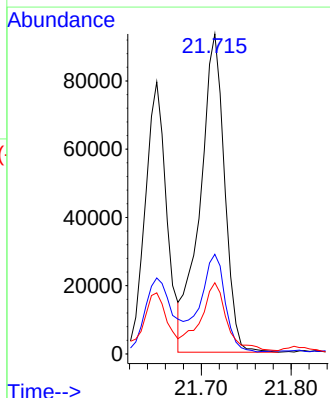
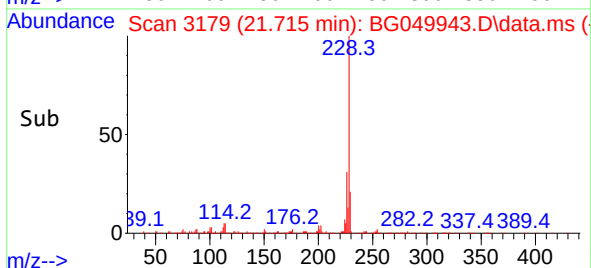
mohammad
8/24/2021 11:19:20 AM

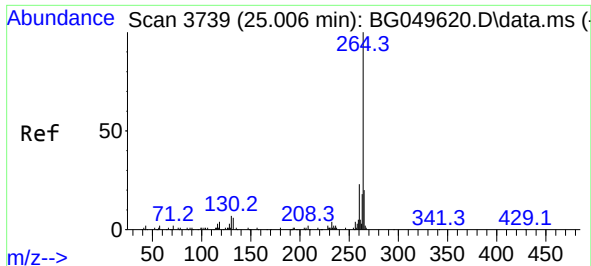


#83
Chrysene
Concen: 20.233 ng
RT: 21.715 min Scan# 3179
Delta R.T. -0.011 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37



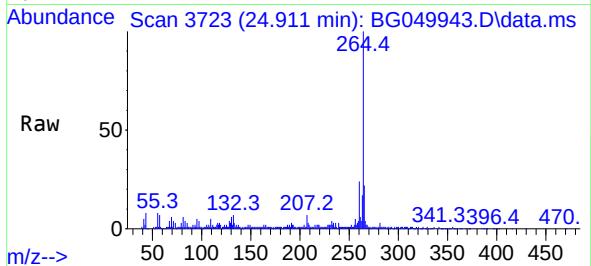
Tgt Ion:228 Resp: 176831
Ion Ratio Lower Upper
228 100
226 31.2 23.1 34.7
229 22.3 15.3 22.9





#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

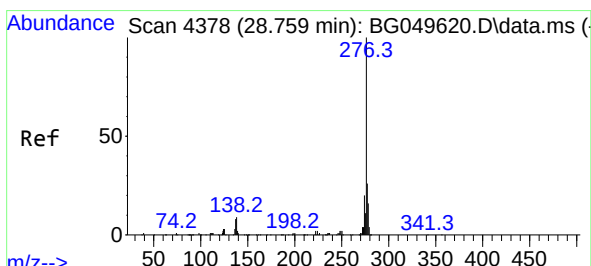
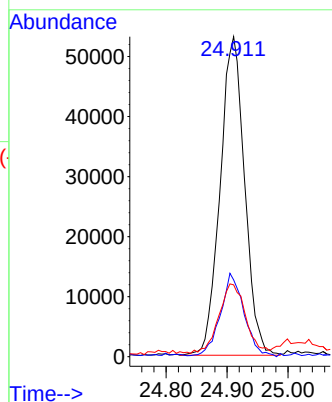
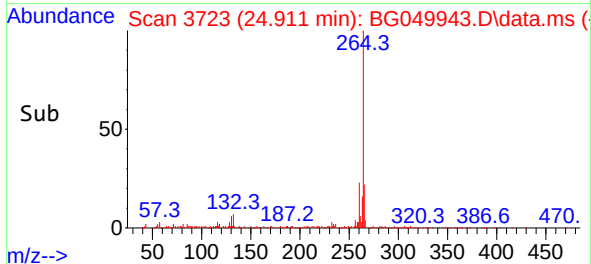
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL



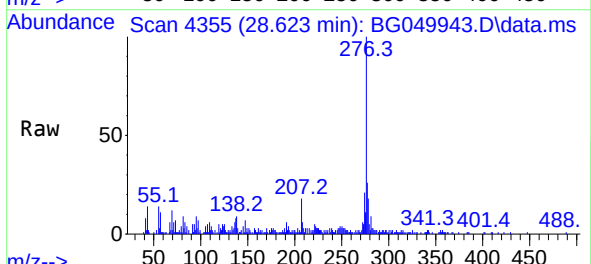
Tgt Ion:264 Resp: 148276
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.5 16.9 25.3

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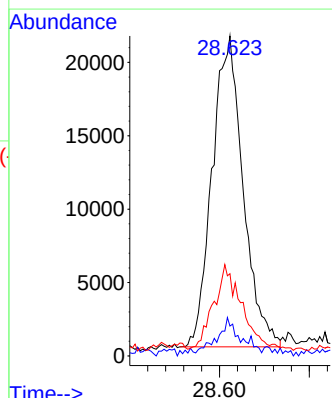
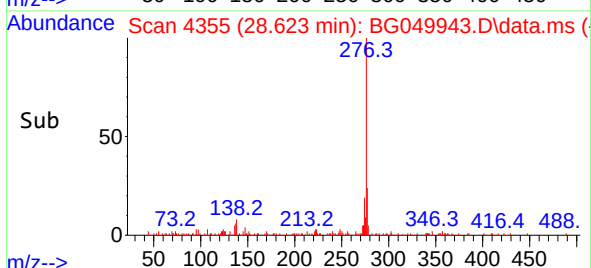
mohammad
8/24/2021 11:19:20 AM

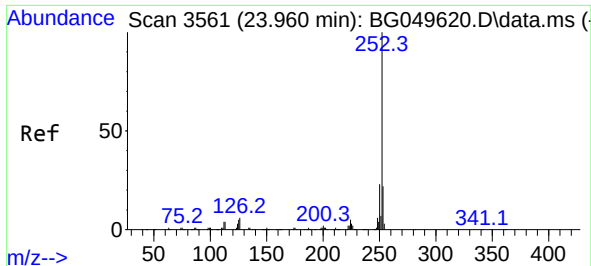


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.489 ng
RT: 28.623 min Scan# 4355
Delta R.T. -0.023 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37



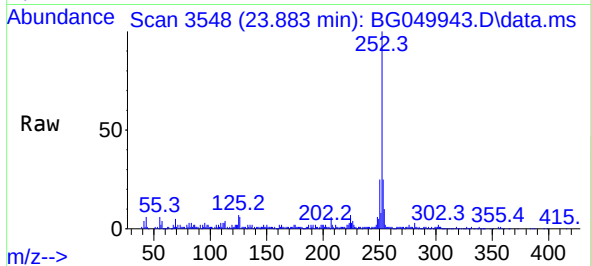
Tgt Ion:276 Resp: 101472
Ion Ratio Lower Upper
276 100
138 7.0 5.1 7.7
277 24.1 19.8 29.6





#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

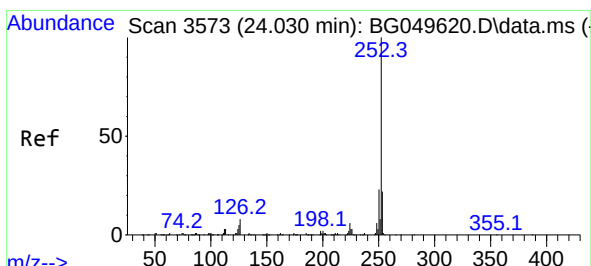
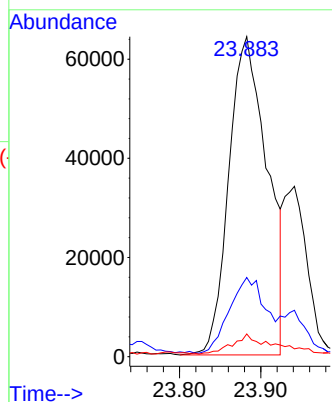
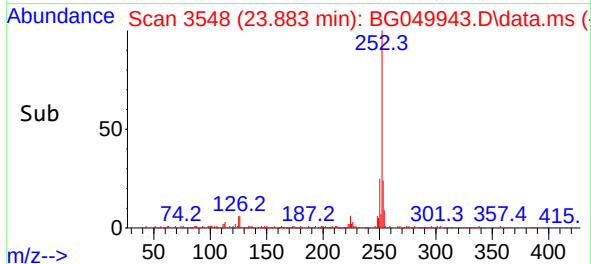
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL



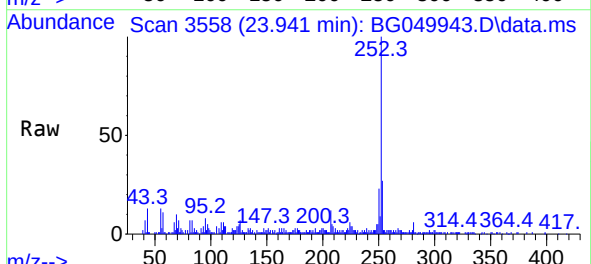
Tgt Ion:252 Resp: 210705
Ion Ratio Lower Upper
252 100
253 24.7 16.2 24.4#
125 7.1 3.0 4.4#

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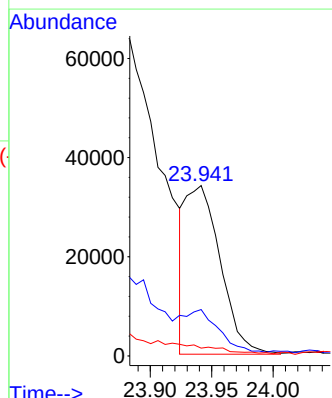
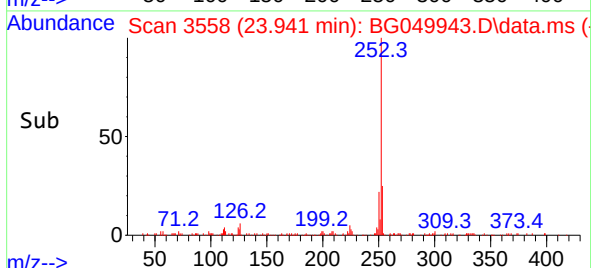
mohammad
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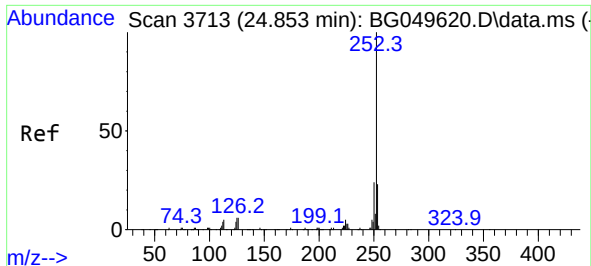


#89
Benzo(k)fluoranthene
Concen: 7.395 ng m
RT: 23.941 min Scan# 3558
Delta R.T. -0.017 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37



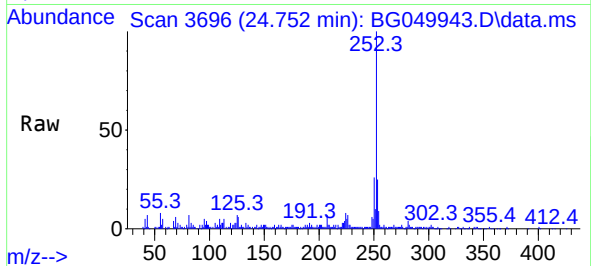
Tgt Ion:252 Resp: 67083
Ion Ratio Lower Upper
252 100
253 27.2 18.0 27.0#
125 4.6 3.1 4.7





#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

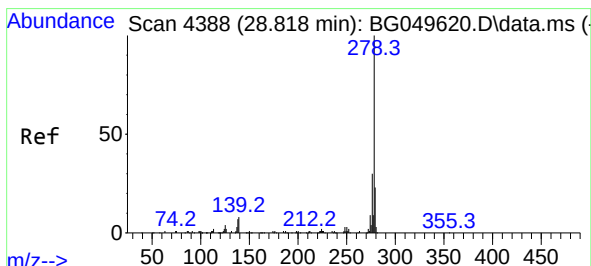
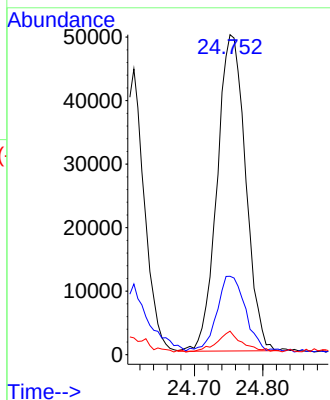
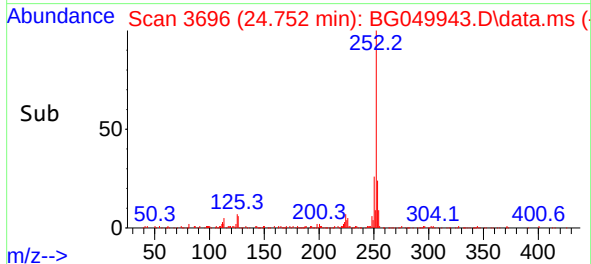
Instrument :
BNA_G
ClientSampleId :
SWCS-02-0002DL



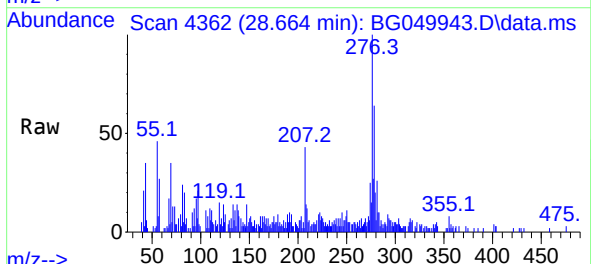
Tgt Ion:252 Resp: 144256
Ion Ratio Lower Upper
252 100
253 24.5 16.6 25.0
125 7.4 3.5 5.3#

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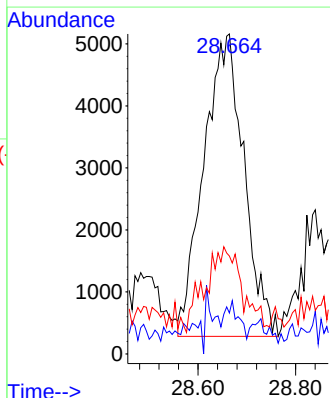
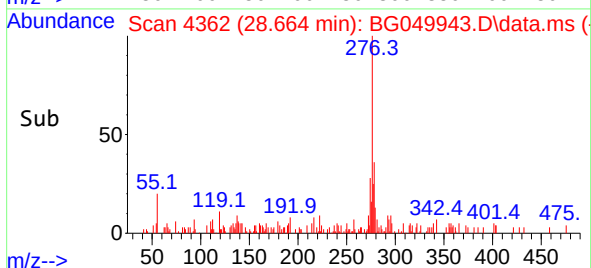
mohammad
8/24/2021 11:19:20 AM

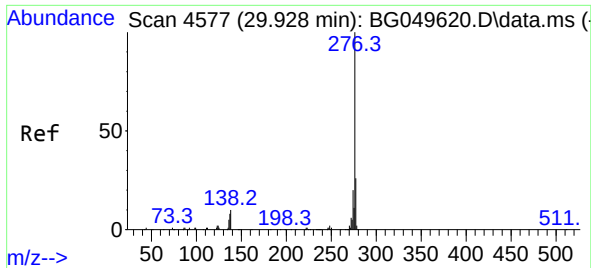


#91
Dibenzo(a,h)anthracene
Concen: 3.097 ng
RT: 28.664 min Scan# 4362
Delta R.T. -0.035 min
Lab File: BG049943.D
Acq: 23 Aug 2021 21:37



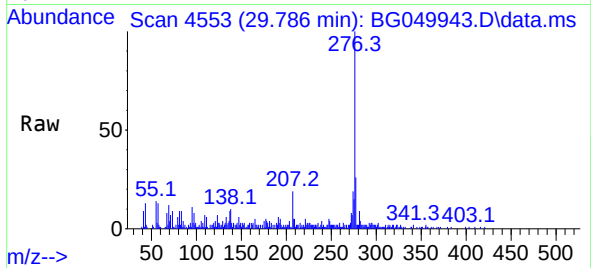
Tgt Ion:278 Resp: 27908
Ion Ratio Lower Upper
278 100
139 12.8 4.6 6.8#
279 30.6 17.9 26.9#





#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

Manual Integrations
APPROVED

mohammad
8/24/2021 11:19:20 AM

