

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048831.D
 Acq On : 21 Apr 2021 22:48
 Operator : CG/JU
 Sample : M2024-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-02-071-A

Manual Integrations
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Quant Time: Apr 22 01:02:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	22010	20.00	ng	0.00
21) Naphthalene-d8	10.891	136	99073	20.00	ng	# 0.00
39) Acenaphthene-d10	14.722	164	66475	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	139093	20.00	ng	# 0.00
76) Chrysene-d12	21.778	240	127187	20.00	ng	0.00
86) Perylene-d12	25.110	264	126449	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	163664	124.37	ng	0.00
7) Phenol-d6	7.225	99	212794	114.32	ng	0.00
23) Nitrobenzene-d5	9.234	82	158141	71.46	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	83279	93.44	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	338557	73.55	ng	0.00
79) Terphenyl-d14	20.092	244	464054	62.80	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.248	94	5476	2.99	ng	# 68
71) Phenanthrene	17.524	178	83641	11.59	ng	94
72) Anthracene	17.612	178	18542	2.60	ng	95
75) Fluoranthene	19.534	202	97435	10.67	ng	97
78) Pyrene	19.898	202	86652	9.85	ng	97
80) Butylbenzylphthalate	20.773	149	11334	3.29	ng	97
81) Benzo(a)anthracene	21.755	228	42924	4.94	ng	98
83) Chrysene	21.825	228	40941	4.95	ng	97
87) Indeno(1,2,3-cd)pyrene	28.929	276	24851	2.68	ng	# 82
88) Benzo(b)fluoranthene	24.046	252	52291	6.10	ng	# 99
89) Benzo(k)fluoranthene	24.099	252	16337m	2.03	ng	
90) Benzo(a)pyrene	24.945	252	37287	4.72	ng	93
92) Benzo(g,h,i)perylene	30.115	276	21247	2.70	ng	# 90

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

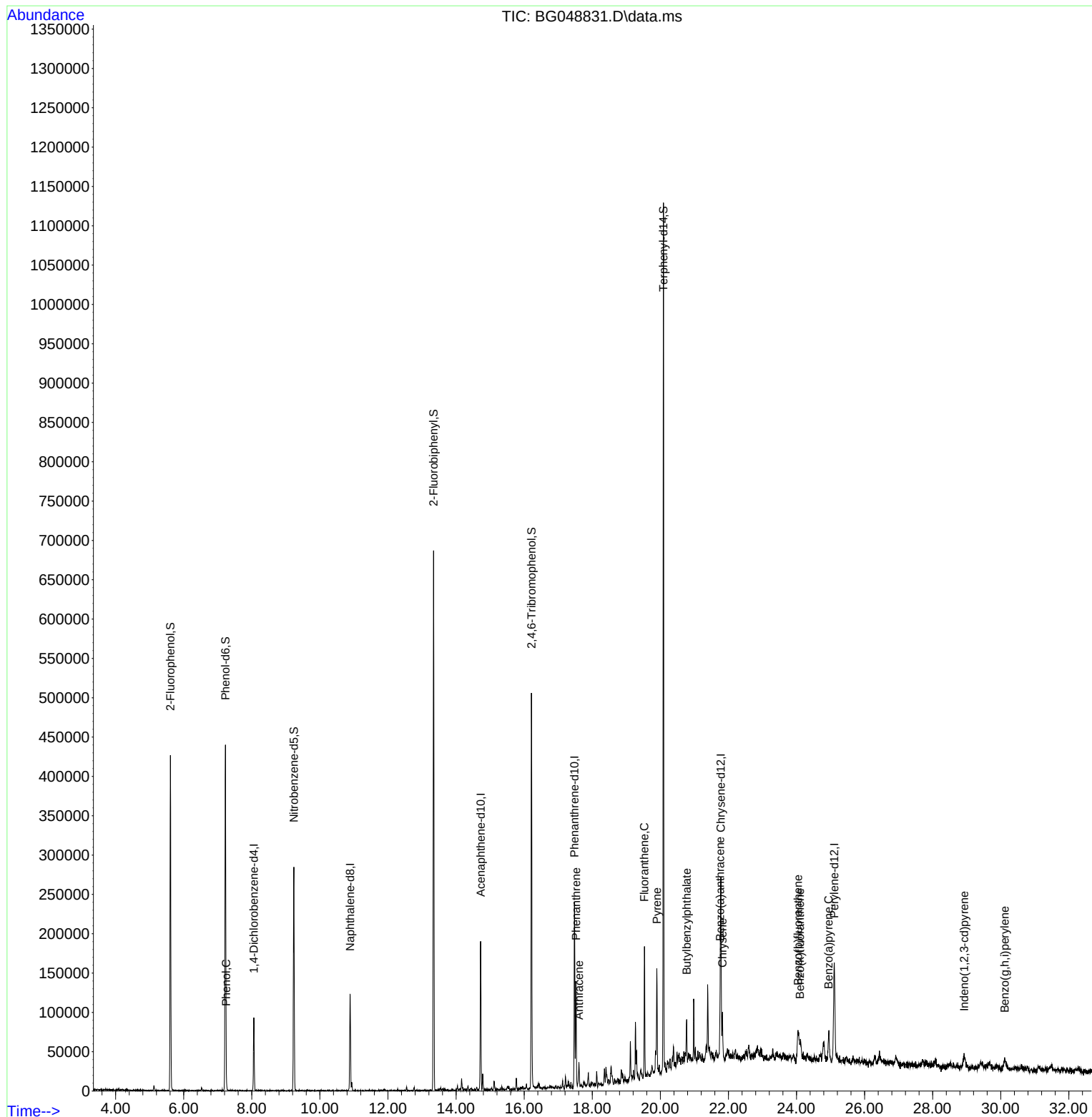
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
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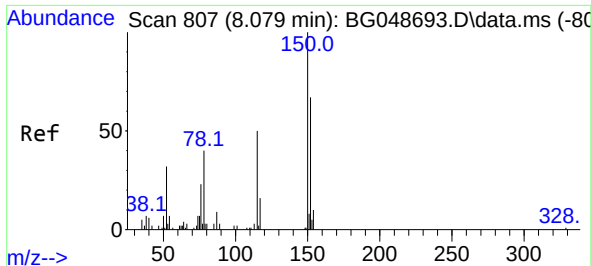
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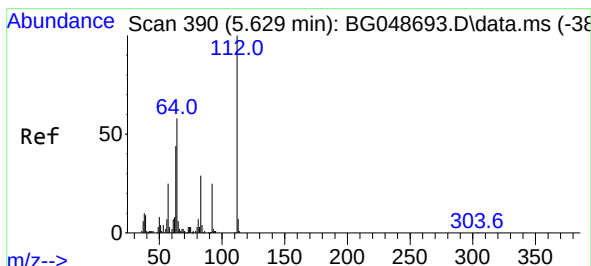
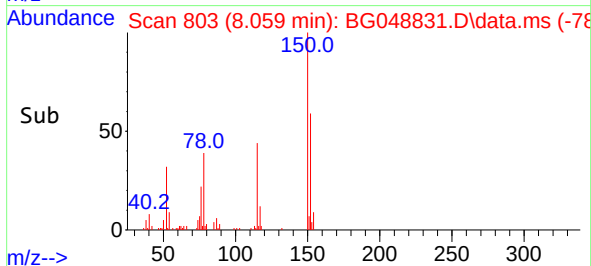
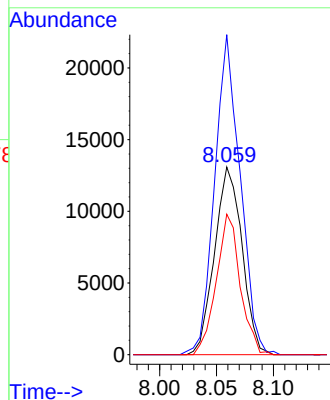
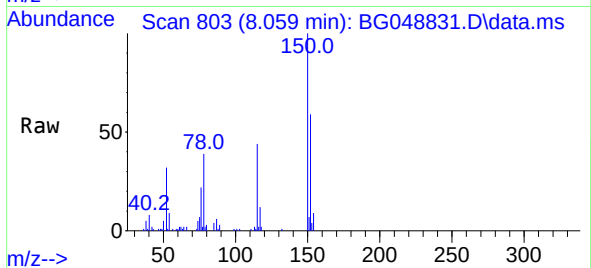
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.059 min Scan# 803
Delta R.T. -0.002 min
Lab File: BG048831.D
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Tgt Ion:152 Resp: 22010
Ion Ratio Lower Upper
152 100
150 170.5 119.4 179.0
115 74.8 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-071-A

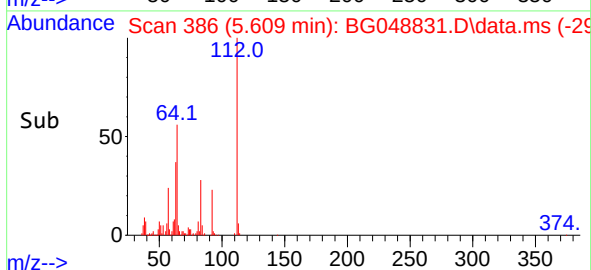
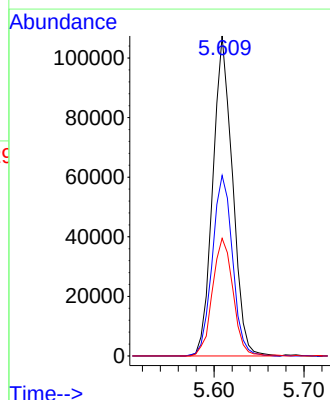
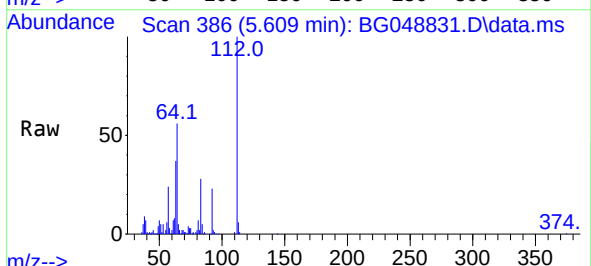
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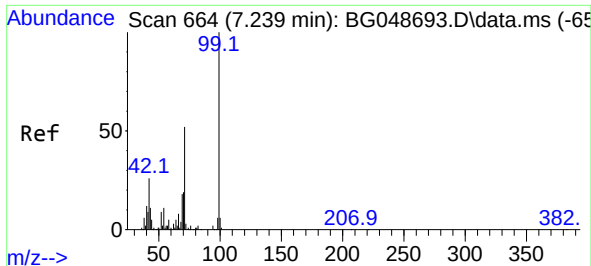
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#5
2-Fluorophenol
Concen: 124.37 ng
RT: 5.609 min Scan# 386
Delta R.T. 0.004 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

Tgt Ion:112 Resp: 163664
Ion Ratio Lower Upper
112 100
64 56.4 46.7 70.1
63 36.8 35.3 52.9





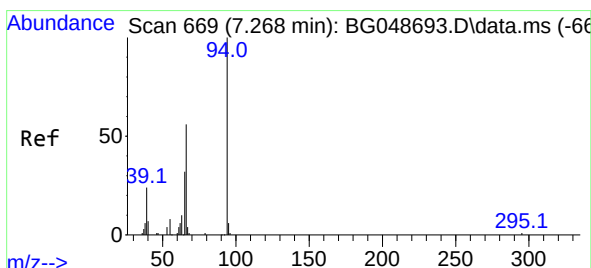
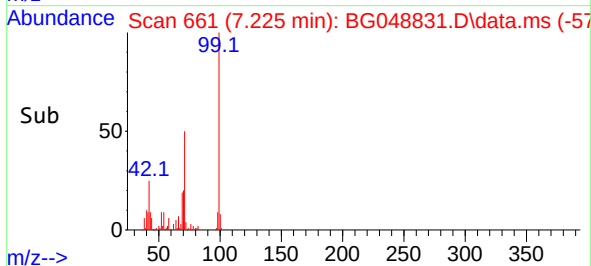
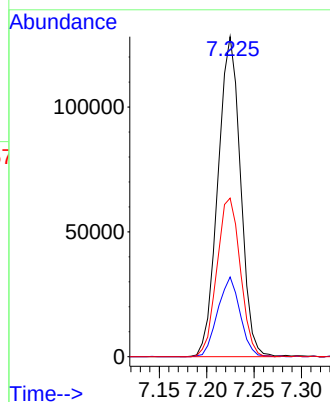
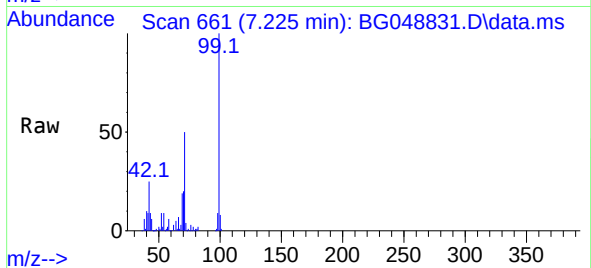
#7
Phenol-d6
Concen: 114.32 ng
RT: 7.225 min Scan# 661
Delta R.T. 0.004 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

Tgt Ion:	99	Resp:	212794
Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.5	30.7
71	49.5	41.5	62.3

Instrument :
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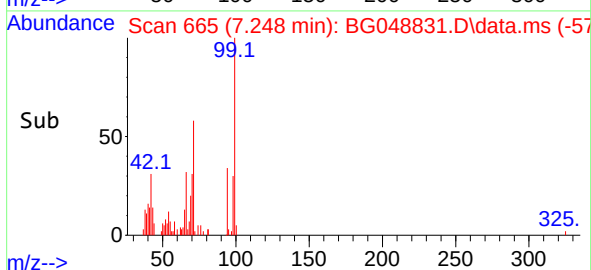
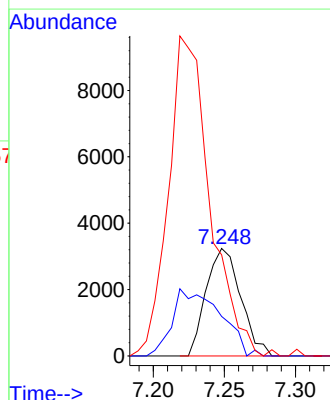
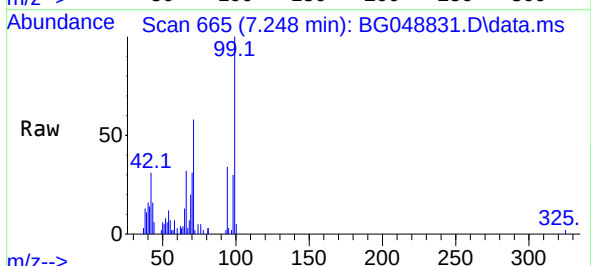
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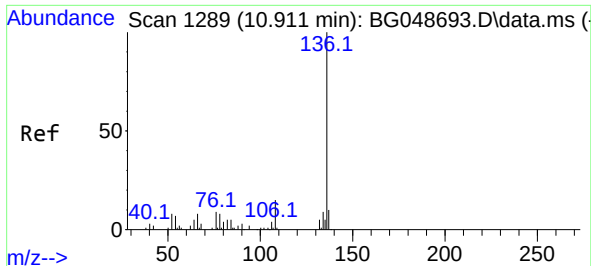
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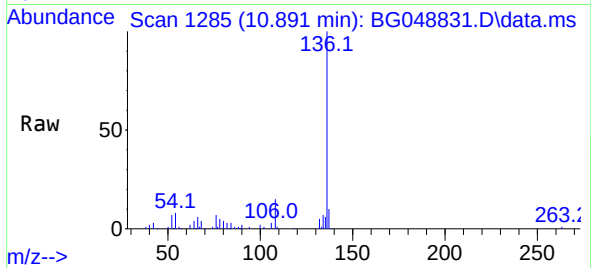
#10
Phenol
Concen: 2.99 ng
RT: 7.248 min Scan# 665
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

Tgt Ion:	94	Resp:	5476
Ion	Ratio	Lower	Upper
94	100		
65	36.8	12.9	52.9
66	94.1	39.4	79.4

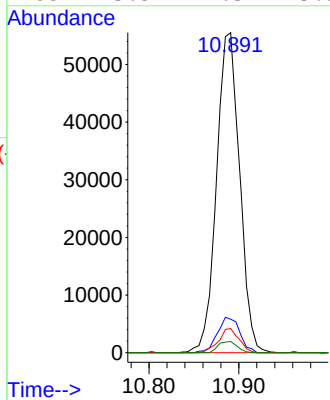
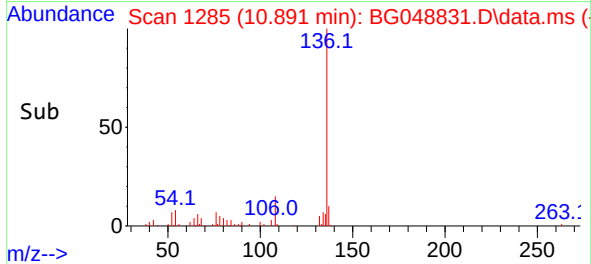




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.891 min Scan# 1285
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48



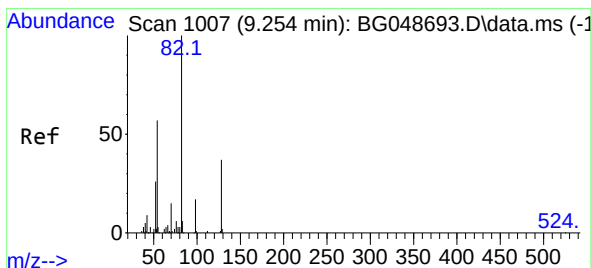
Tgt Ion:	136	Resp:	99073
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.2	12.2
54	7.6	5.5	8.3
68	3.5	2.3	3.5#



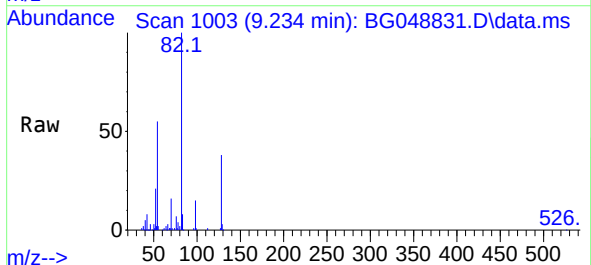
Instrument :
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ClientSampleId :
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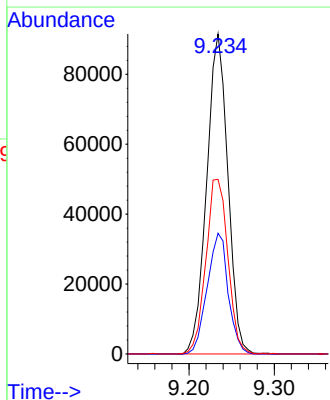
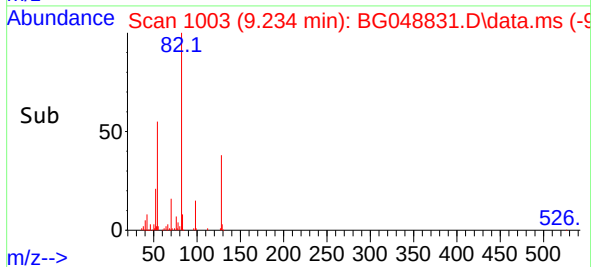
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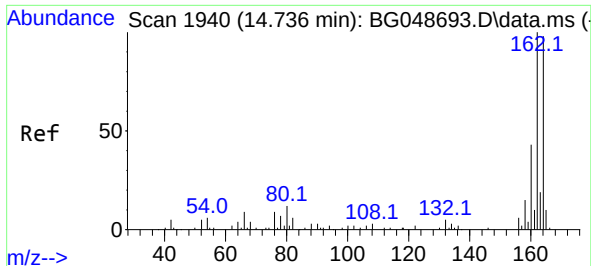


#23
Nitrobenzene-d5
Concen: 71.46 ng
RT: 9.234 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

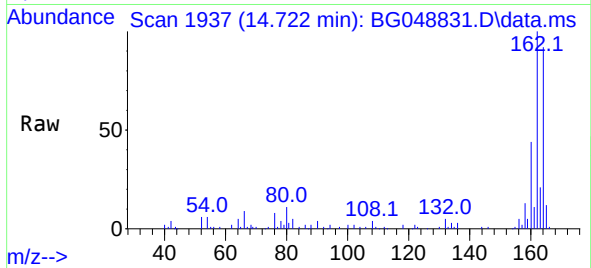


Tgt Ion:	82	Resp:	158141
Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.8	44.6
54	54.6	45.8	68.8

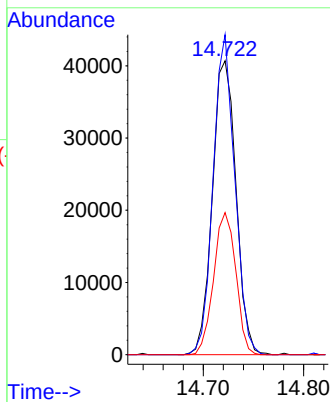
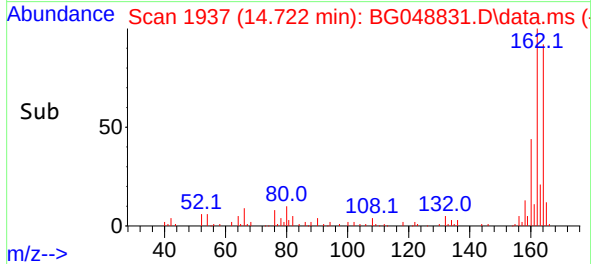




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.722 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48



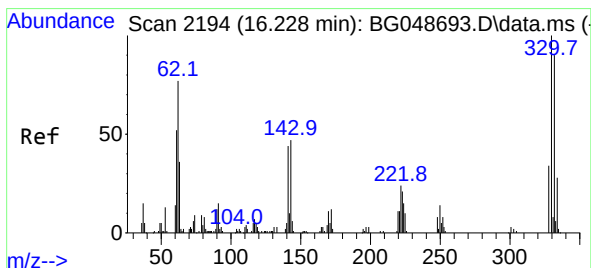
Tgt Ion:164 Resp: 66475
Ion Ratio Lower Upper
164 100
162 108.9 81.4 122.0
160 48.3 34.9 52.3



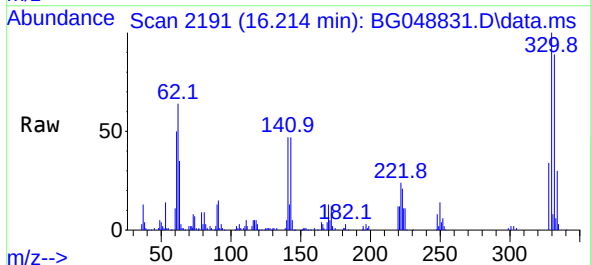
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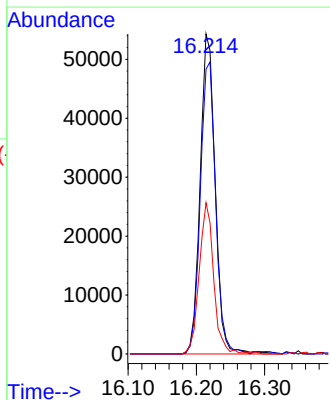
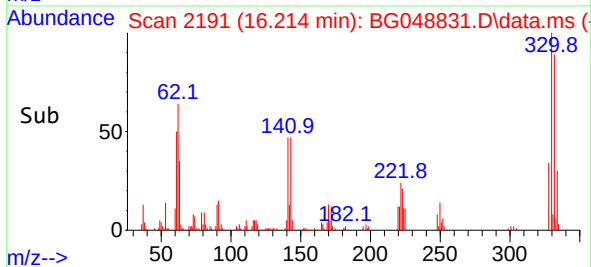
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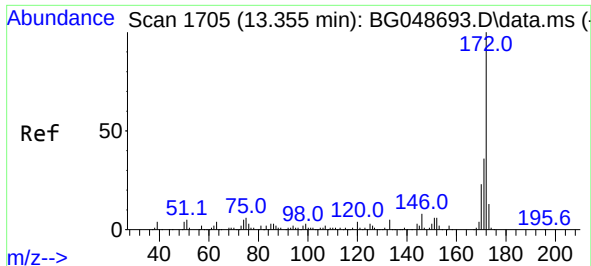


#42
2,4,6-Tribromophenol
Concen: 93.44 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48



Tgt Ion:330 Resp: 83279
Ion Ratio Lower Upper
330 100
332 92.9 77.3 115.9
141 45.3 35.6 53.4





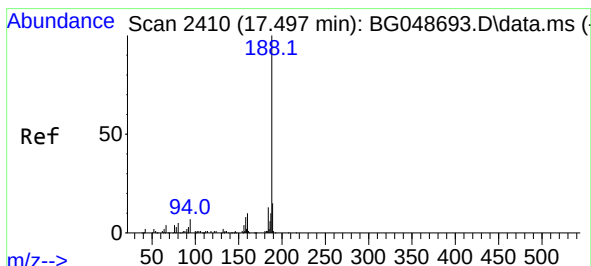
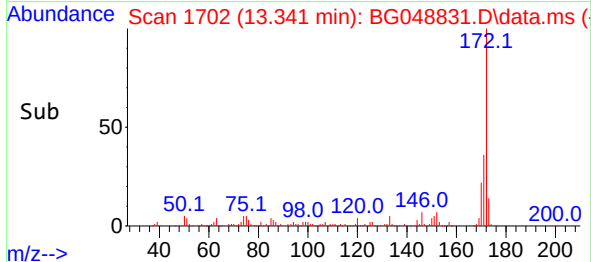
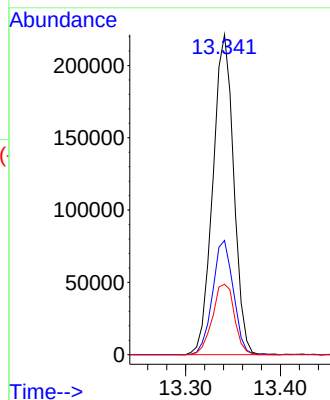
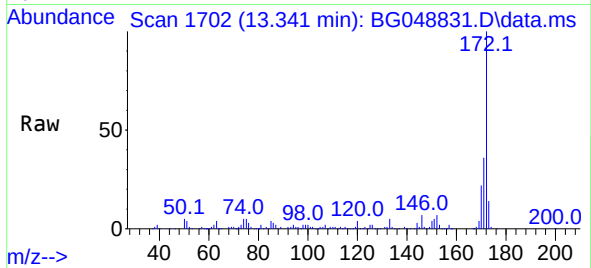
#45
2-Fluorobiphenyl
Concen: 73.55 ng
RT: 13.341 min Scan# 1702
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

Tgt Ion:172 Resp: 338557
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 22.0 18.6 27.8

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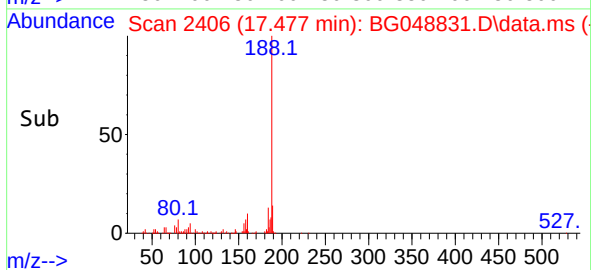
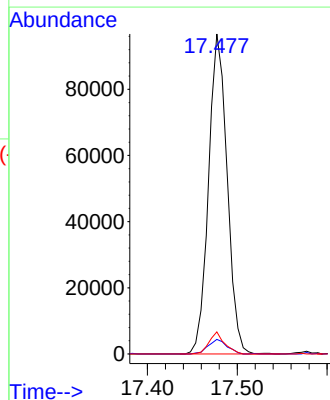
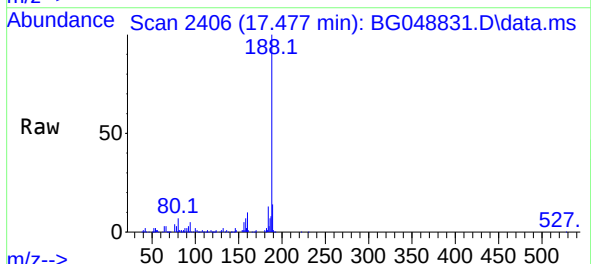
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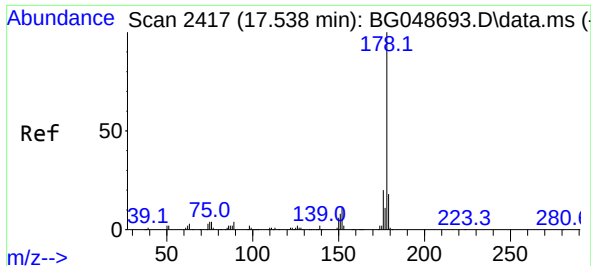
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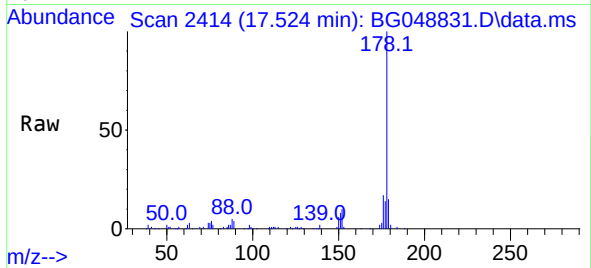
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

Tgt Ion:188 Resp: 139093
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 6.9 3.7 5.5#

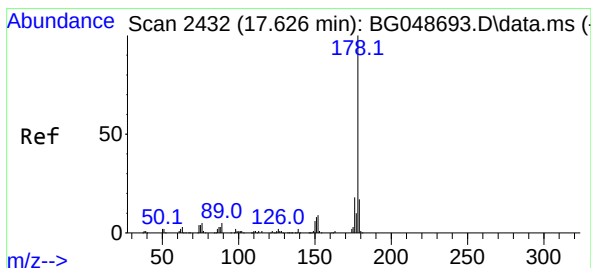
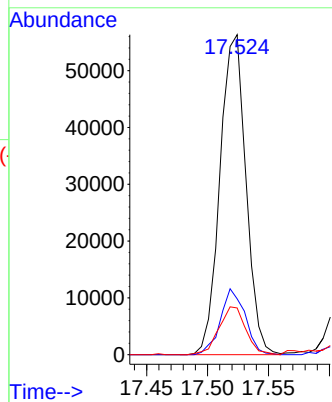
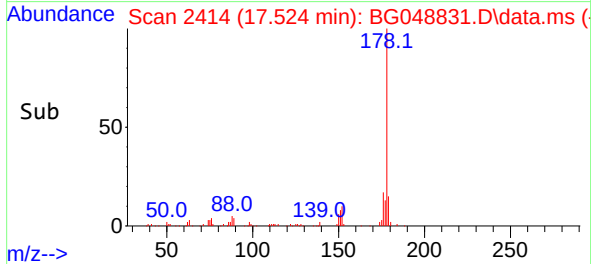




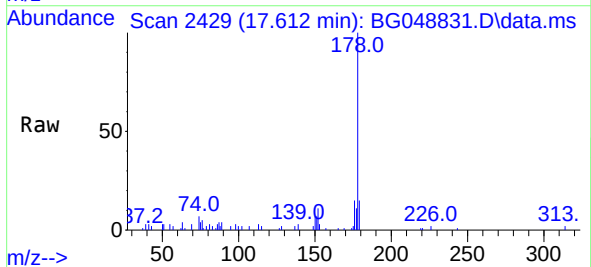
#71
Phenanthrene
Concen: 11.59 ng
RT: 17.524 min Scan# 2414
Delta R.T. 0.004 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48



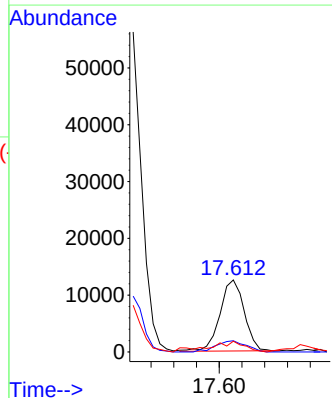
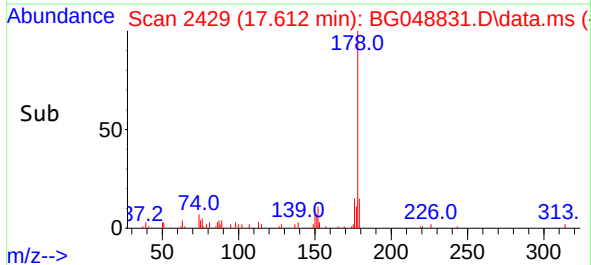
Tgt Ion:178 Resp: 83641
Ion Ratio Lower Upper
178 100
176 17.5 16.0 24.0
179 14.6 14.2 21.4



#72
Anthracene
Concen: 2.60 ng
RT: 17.612 min Scan# 2429
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48



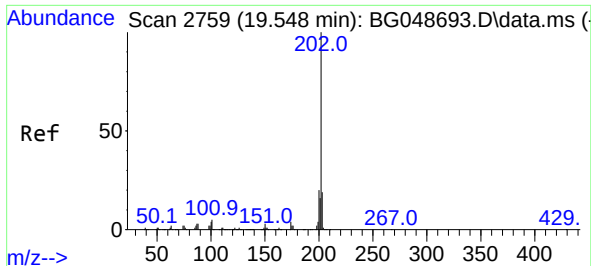
Tgt Ion:178 Resp: 18542
Ion Ratio Lower Upper
178 100
176 15.5 14.6 21.8
179 14.9 13.4 20.0



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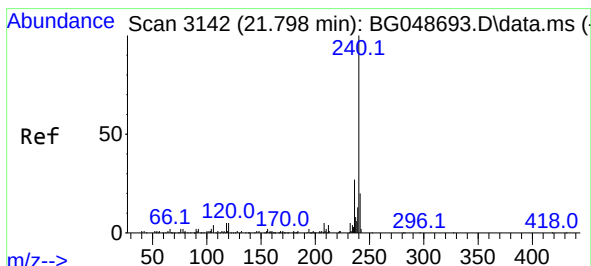
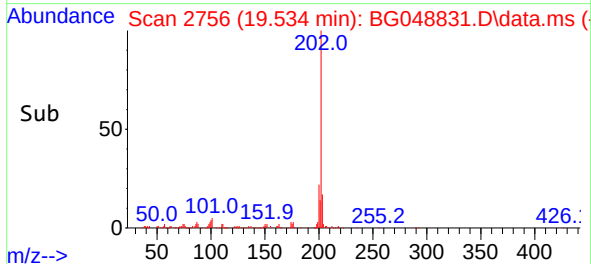
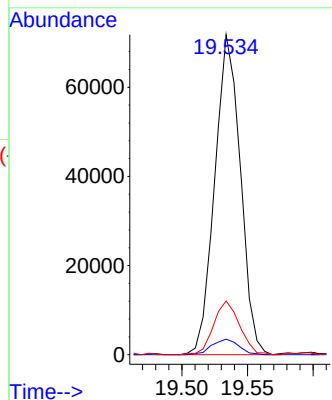
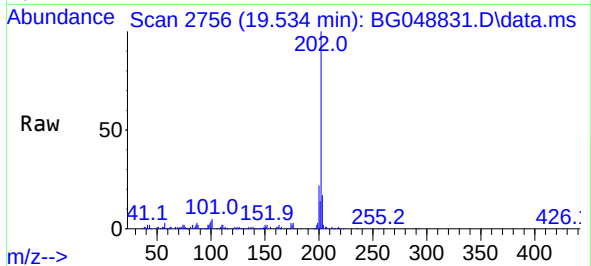
#75
Fluoranthene
Concen: 10.67 ng
RT: 19.534 min Scan# 2756
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

Tgt Ion:202 Resp: 97435
Ion Ratio Lower Upper
202 100
101 4.9 0.0 24.7
203 16.8 0.0 38.5

Instrument :
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ClientSampleId :
FK-GF-02-071-A

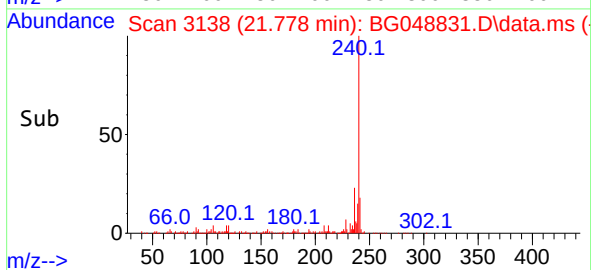
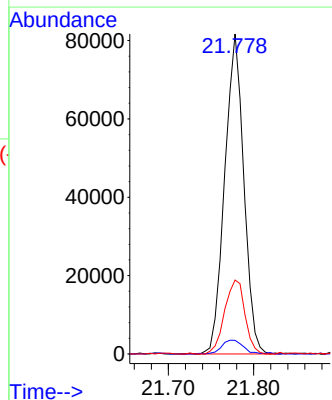
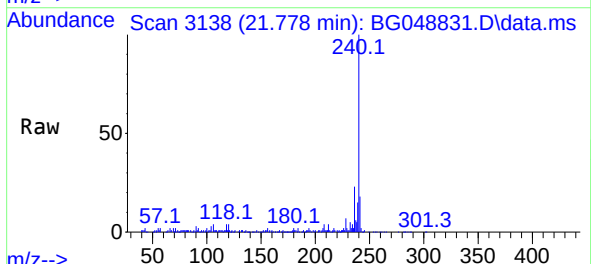
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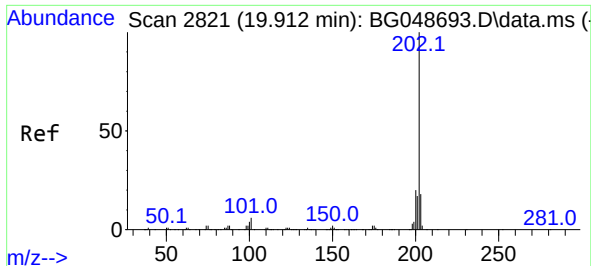
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.778 min Scan# 3138
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

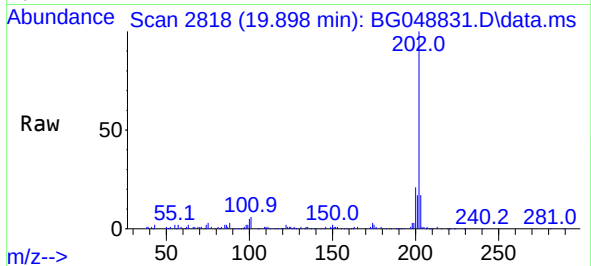
Tgt Ion:240 Resp: 127187
Ion Ratio Lower Upper
240 100
120 4.2 4.2 6.2
236 23.1 21.8 32.6





#78
Pyrene
Concen: 9.85 ng
RT: 19.898 min Scan# 2818
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

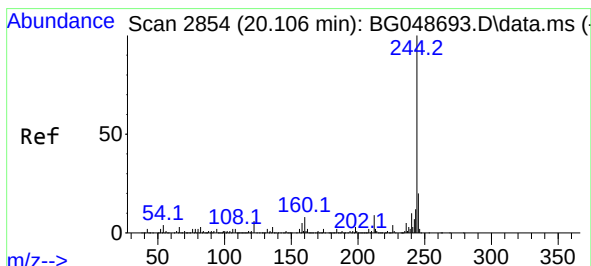
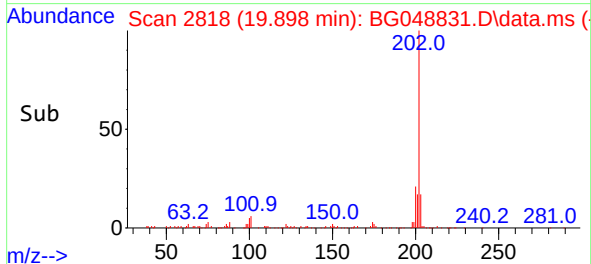
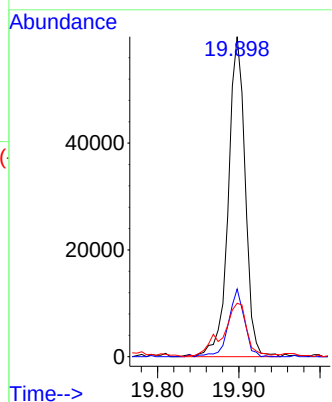
Instrument :
BNA_G
ClientSampleId :
FK-GF-02-071-A



Tgt Ion:202 Resp: 86652
Ion Ratio Lower Upper
202 100
200 21.2 15.8 23.8
203 16.7 14.6 21.8

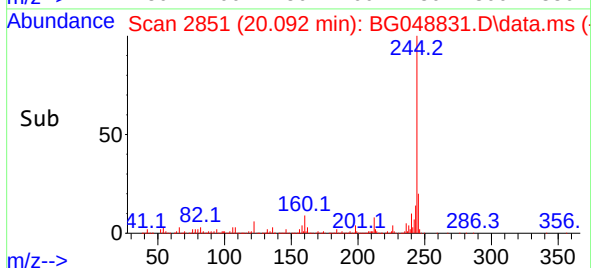
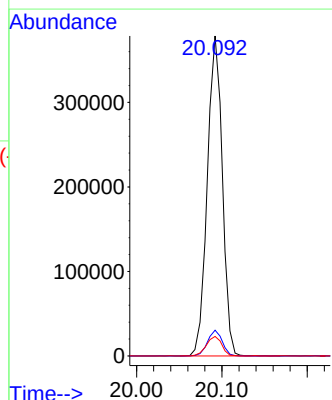
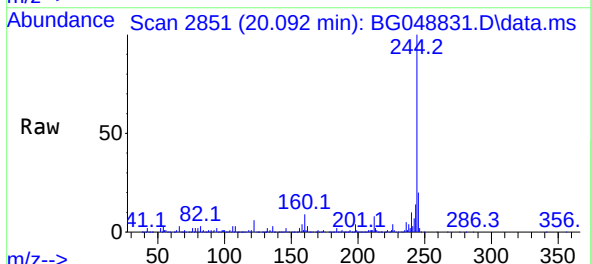
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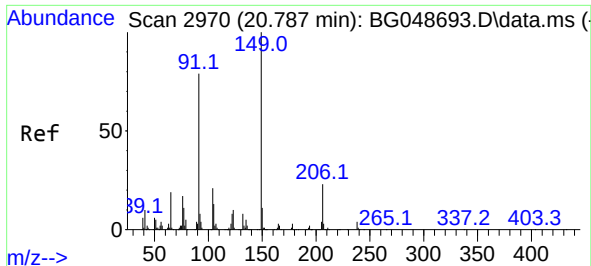
mohammad
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#79
Terphenyl-d14
Concen: 62.80 ng
RT: 20.092 min Scan# 2851
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

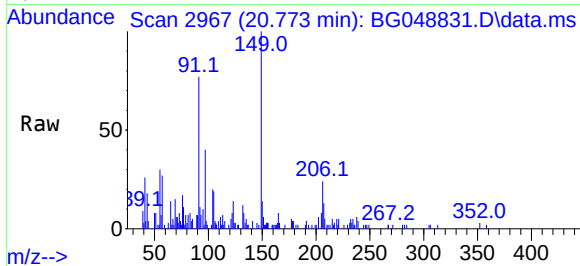
Tgt Ion:244 Resp: 464054
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 6.1 5.0 7.6





#80
Butylbenzylphthalate
Concen: 3.29 ng
RT: 20.773 min Scan# 2967
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

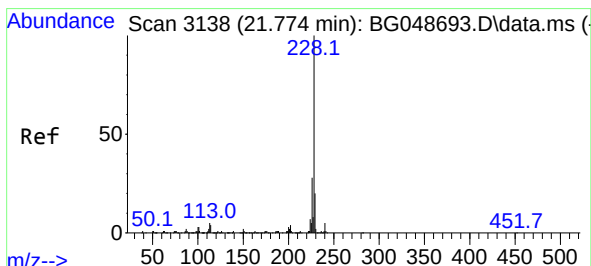
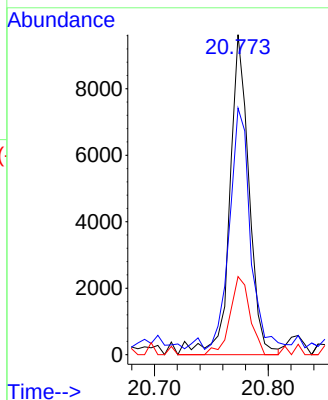
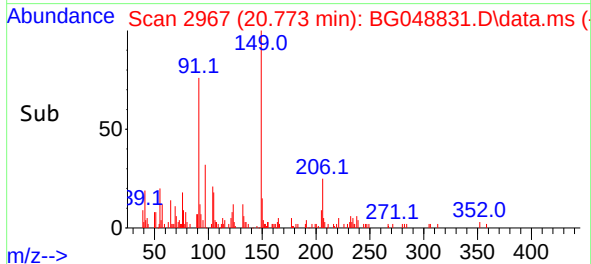
Instrument :
BNA_G
ClientSampleId :
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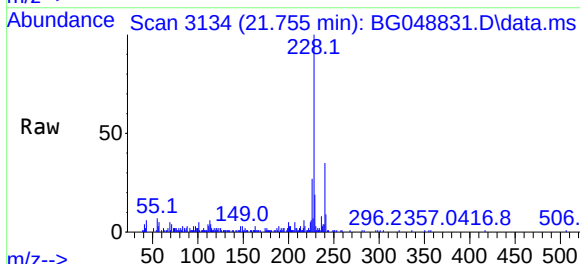
Tgt Ion:149 Resp: 11334
Ion Ratio Lower Upper
149 100
91 77.0 63.4 95.2
206 24.4 18.4 27.6

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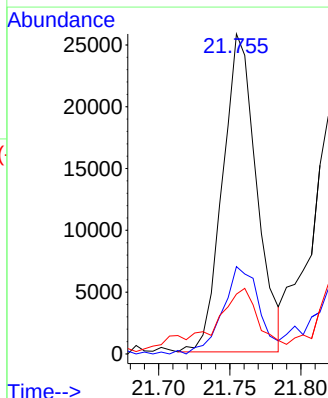
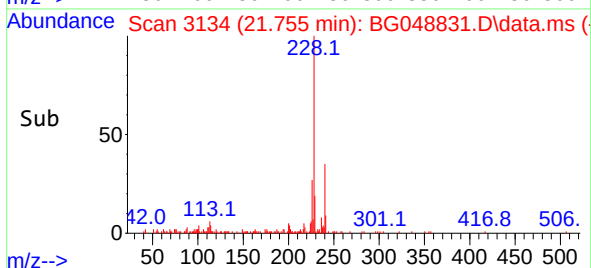
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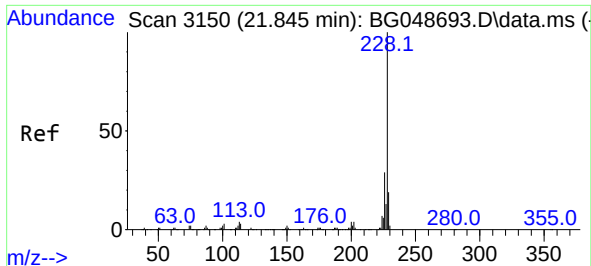


#81
Benzo(a)anthracene
Concen: 4.94 ng
RT: 21.755 min Scan# 3134
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48



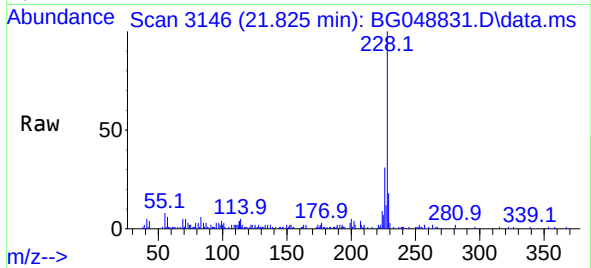
Tgt Ion:228 Resp: 42924
Ion Ratio Lower Upper
228 100
226 27.3 22.7 34.1
229 18.7 16.0 24.0





#83
Chrysene
Concen: 4.95 ng
RT: 21.825 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

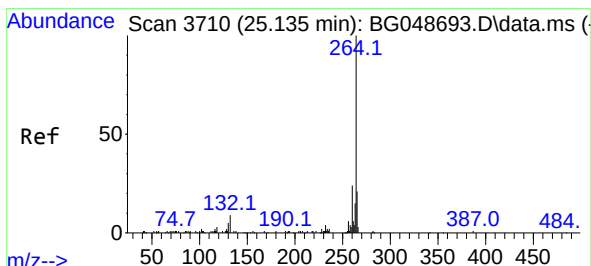
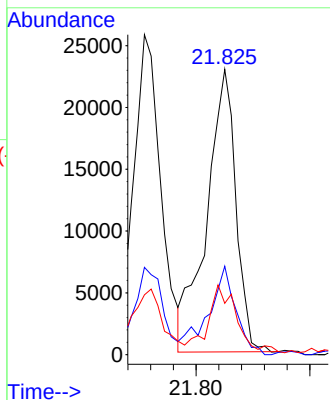
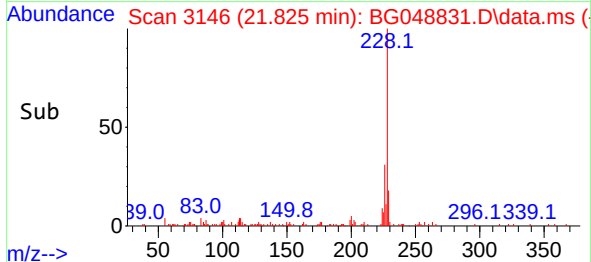
Instrument :
BNA_G
ClientSampleId :
FK-GF-02-071-A



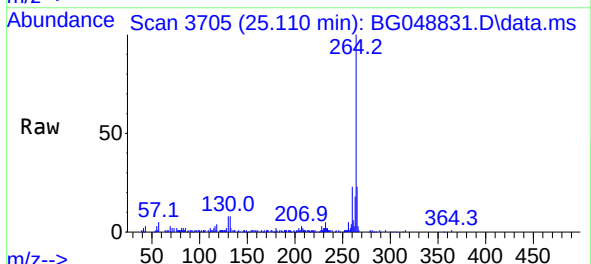
Tgt Ion:228 Resp: 40941
Ion Ratio Lower Upper
228 100
226 31.0 23.1 34.7
229 18.0 15.3 22.9

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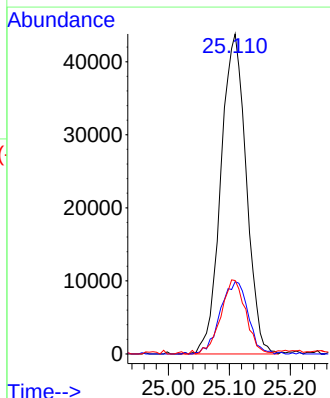
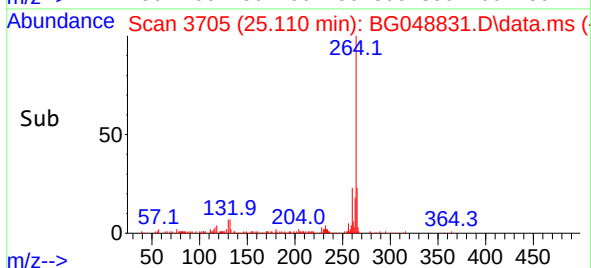
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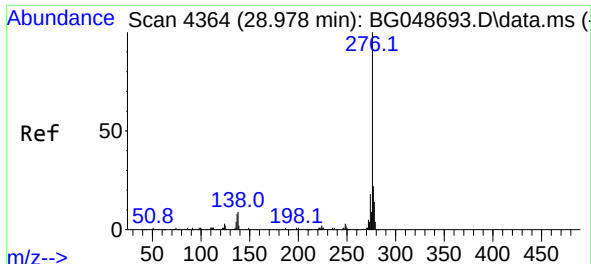


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.110 min Scan# 3705
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

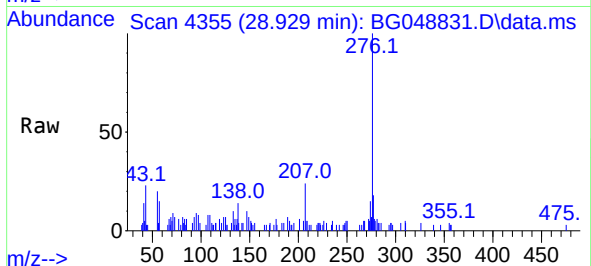


Tgt Ion:264 Resp: 126449
Ion Ratio Lower Upper
264 100
260 22.6 19.4 29.2
265 22.9 16.9 25.3

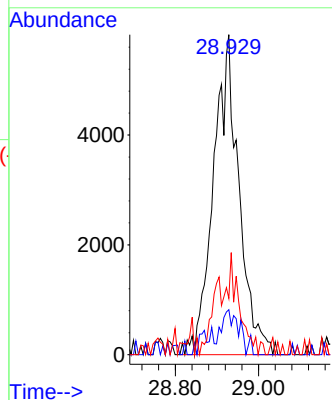




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.68 ng
RT: 28.929 min Scan# 4355
Delta R.T. -0.008 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48



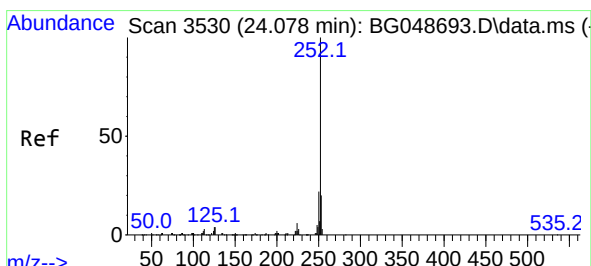
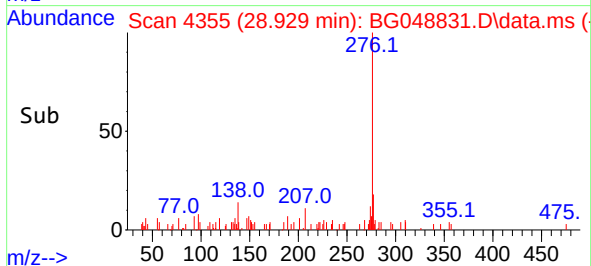
Tgt Ion: 276 Resp: 24851
Ion Ratio Lower Upper
276 100
138 9.1 5.1 7.7#
277 14.6 19.8 29.6#



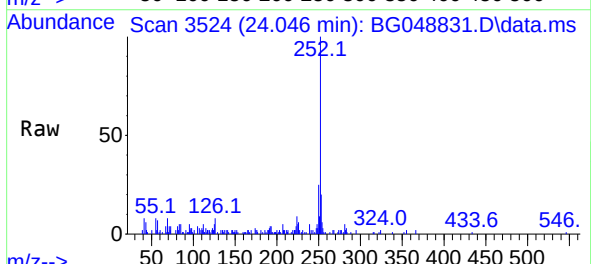
Instrument :
BNA_G
ClientSampleId :
FK-GF-02-071-A

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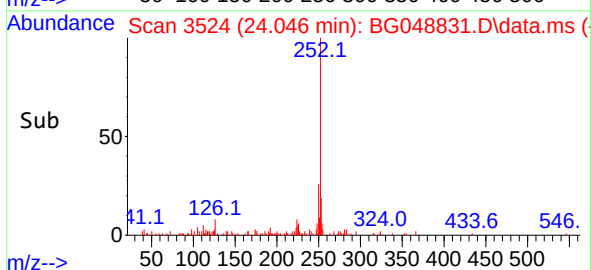
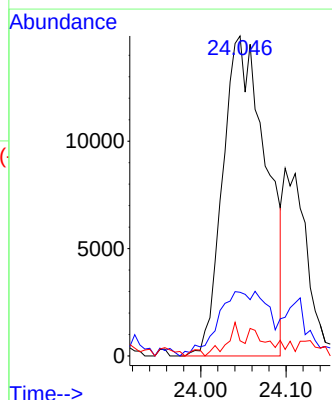
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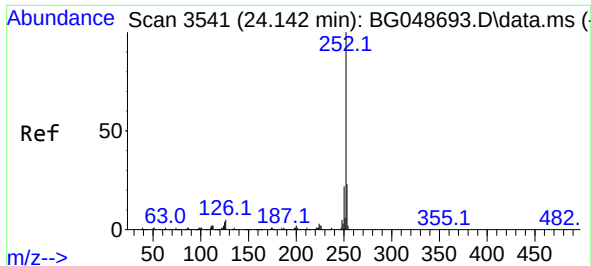


#88
Benzo(b)fluoranthene
Concen: 6.10 ng
RT: 24.046 min Scan# 3524
Delta R.T. -0.002 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48



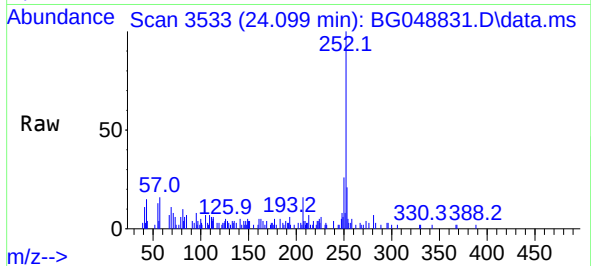
Tgt Ion: 252 Resp: 52291
Ion Ratio Lower Upper
252 100
253 19.9 16.2 24.4
125 4.8 3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 2.03 ng m
RT: 24.099 min Scan# 3533
Delta R.T. -0.020 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

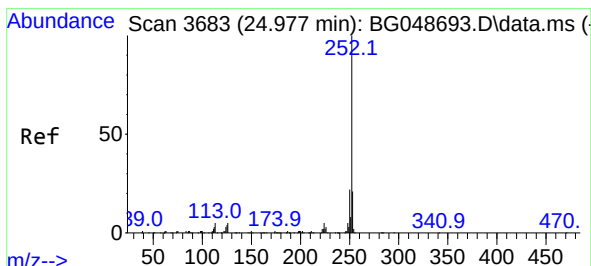
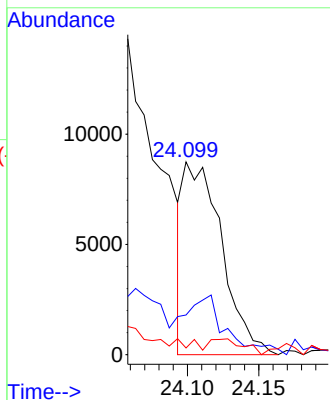
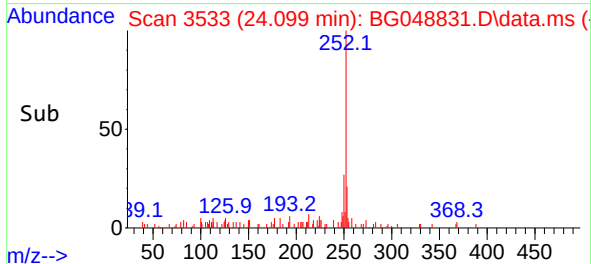
Instrument :
BNA_G
ClientSampleId :
FK-GF-02-071-A



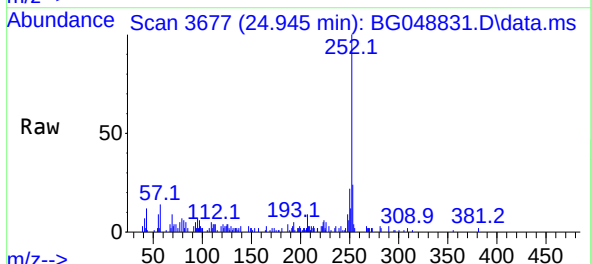
Tgt Ion:252 Resp: 16337
Ion Ratio Lower Upper
252 100
253 20.6 18.0 27.0
125 3.5 3.1 4.7

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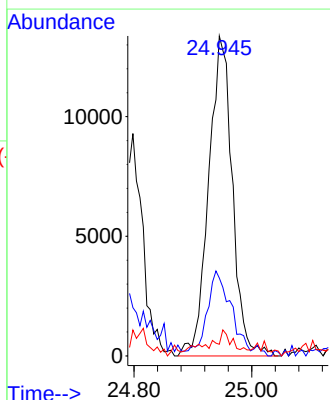
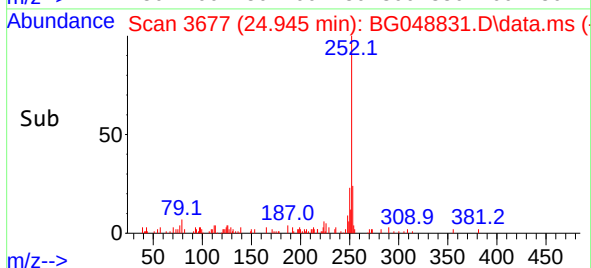
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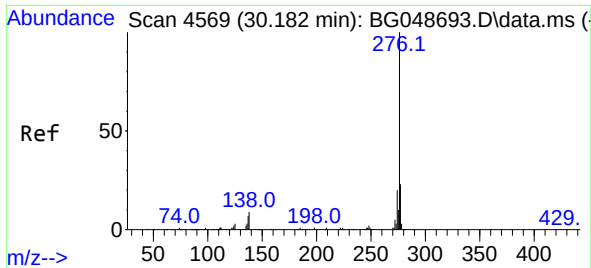


#90
Benzo(a)pyrene
Concen: 4.72 ng
RT: 24.945 min Scan# 3677
Delta R.T. -0.008 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48

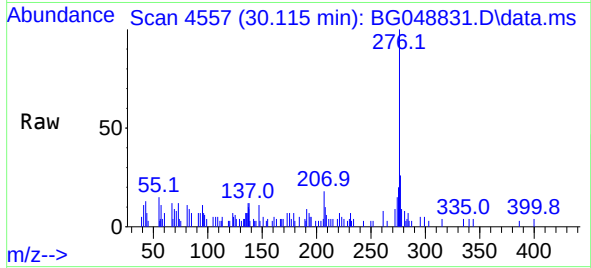


Tgt Ion:252 Resp: 37287
Ion Ratio Lower Upper
252 100
253 24.4 16.6 25.0
125 3.7 3.5 5.3

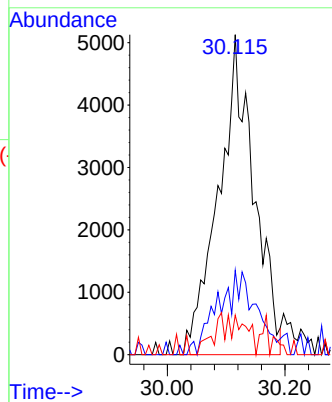
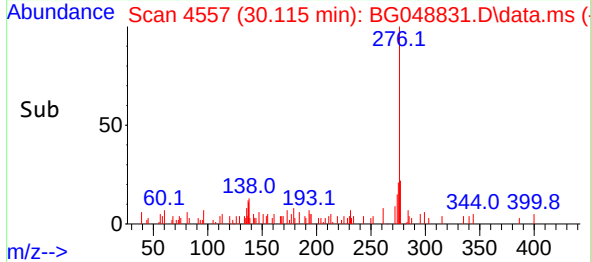




#92
Benzo(g,h,i)perylene
Concen: 2.70 ng
RT: 30.115 min Scan# 4557
Delta R.T. -0.014 min
Lab File: BG048831.D
Acq: 21 Apr 2021 22:48



Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.4	27.6
138	15.5	7.0	10.6



Instrument :
BNA_G
ClientSampleId :
FK-GF-02-071-A

Manual Integrations
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