

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
 Data File : BG048843.D
 Acq On : 22 Apr 2021 12:20
 Operator : CG/JU
 Sample : M2042-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-SB12A(7-8)

Manual Integrations
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Quant Time: Apr 22 14:38:44 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	19450	20.00	ng	0.00
21) Naphthalene-d8	10.885	136	83991	20.00	ng	# 0.00
39) Acenaphthene-d10	14.722	164	58206	20.00	ng	0.00
64) Phenanthrene-d10	17.477	188	137876	20.00	ng	# 0.00
76) Chrysene-d12	21.778	240	127015	20.00	ng	0.00
86) Perylene-d12	25.115	264	127488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.609	112	146345	125.84	ng	0.00
7) Phenol-d6	7.224	99	190459	115.79	ng	0.00
23) Nitrobenzene-d5	9.234	82	145948	77.80	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	83896	107.50	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	313866	77.87	ng	0.00
79) Terphenyl-d14	20.092	244	526189	71.30	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.248	94	3283	2.03	ng	# 62
50) Dimethylphthalate	14.163	163	19261	4.41	ng	98
71) Phenanthrene	17.518	178	47892	6.69	ng	98
75) Fluoranthene	19.534	202	145792	16.11	ng	99
78) Pyrene	19.898	202	147357	16.77	ng	99
81) Benzo(a)anthracene	21.760	228	100944	11.63	ng	98
83) Chrysene	21.825	228	93591m	11.32	ng	
87) Indeno(1,2,3-cd)pyrene	28.940	276	79930	8.54	ng	# 87
88) Benzo(b)fluoranthene	24.052	252	144705	16.73	ng	# 96
89) Benzo(k)fluoranthene	24.111	252	53731m	6.61	ng	
90) Benzo(a)pyrene	24.951	252	112618	14.13	ng	# 97
91) Dibenzo(a,h)anthracene	28.987	278	23341m	2.91	ng	
92) Benzo(g,h,i)perylene	30.121	276	76546	9.65	ng	# 96

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

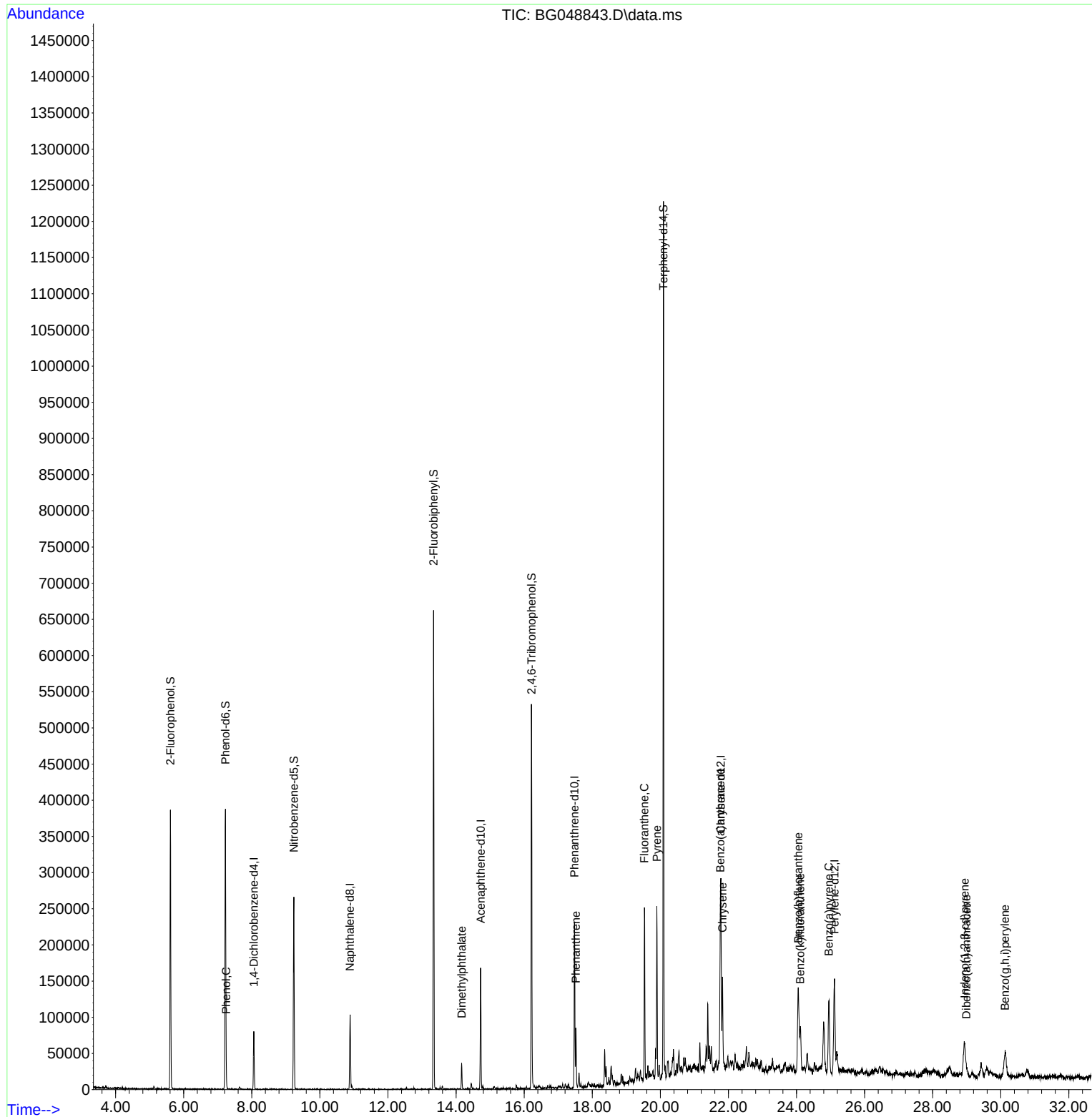
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042221\
Data File : BG048843.D
Acq On : 22 Apr 2021 12:20
Operator : CG/JU
Sample : M2042-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

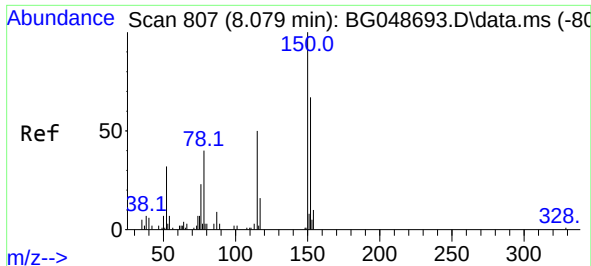
Instrument :
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FS-SB12A(7-8)

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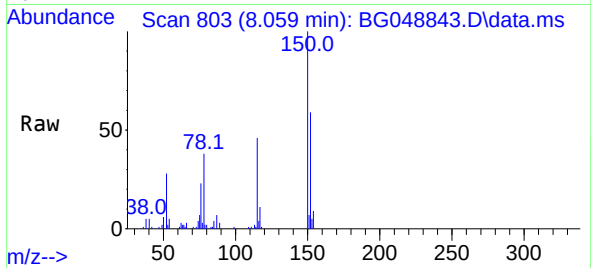
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Quant Time: Apr 22 14:38:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
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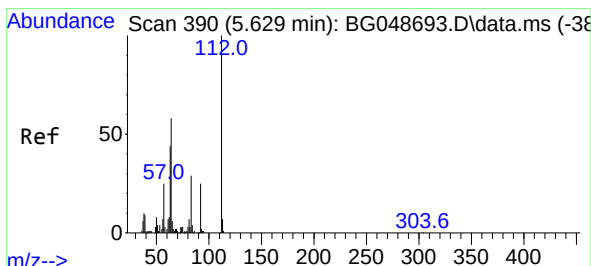
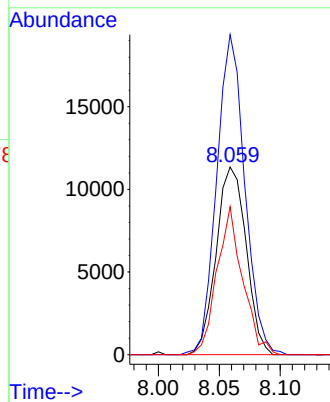
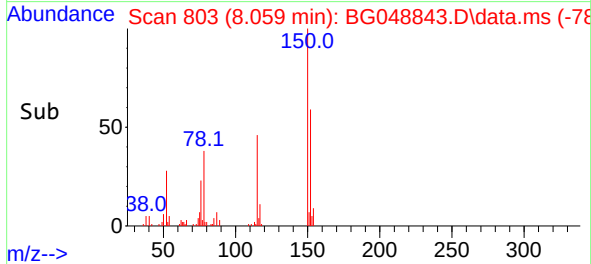




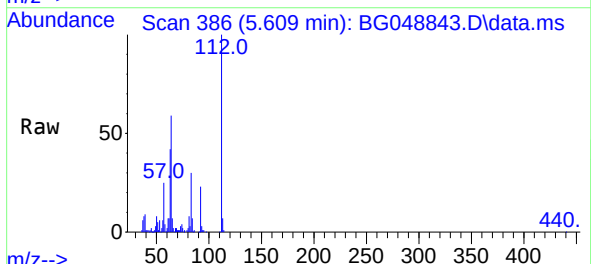
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.059 min Scan# 803
Delta R.T. -0.002 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20



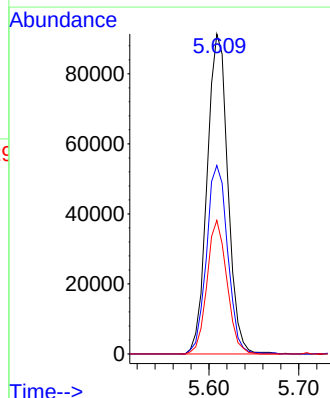
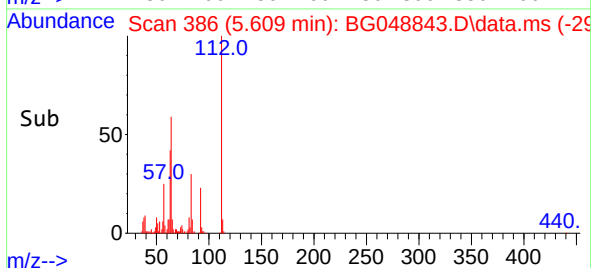
Tgt Ion:152 Resp: 19450
Ion Ratio Lower Upper
152 100
150 170.5 119.4 179.0
115 78.8 60.2 90.4



#5
2-Fluorophenol
Concen: 125.84 ng
RT: 5.609 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20



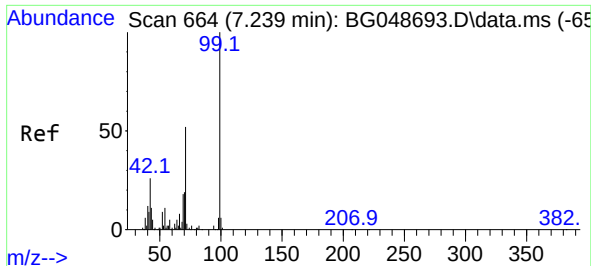
Tgt Ion:112 Resp: 146345
Ion Ratio Lower Upper
112 100
64 58.9 46.7 70.1
63 41.8 35.3 52.9



Instrument :
BNA_G
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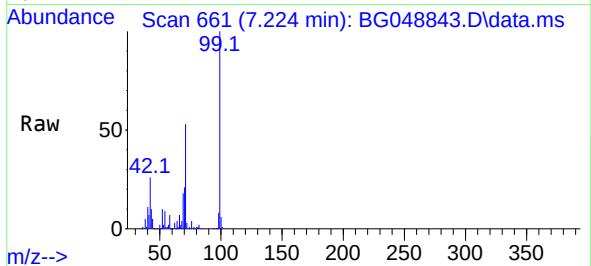
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#7
Phenol-d6
Concen: 115.79 ng
RT: 7.224 min Scan# 661
Delta R.T. 0.003 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

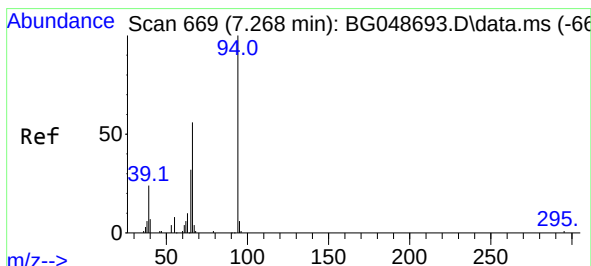
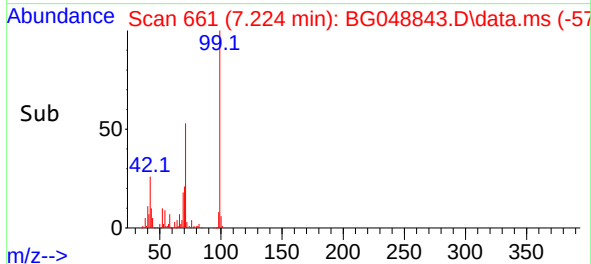
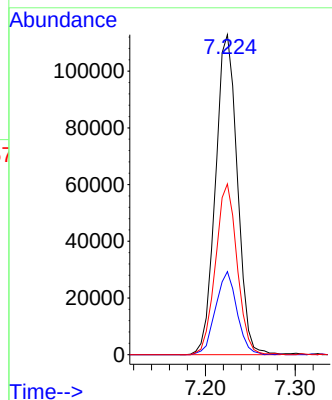
Instrument :
BNA_G
ClientSampleId :
FS-SB12A(7-8)



Tgt Ion: 99 Resp: 190459
Ion Ratio Lower Upper
99 100
42 26.0 20.5 30.7
71 53.3 41.5 62.3

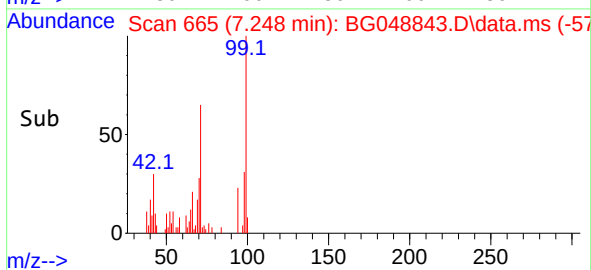
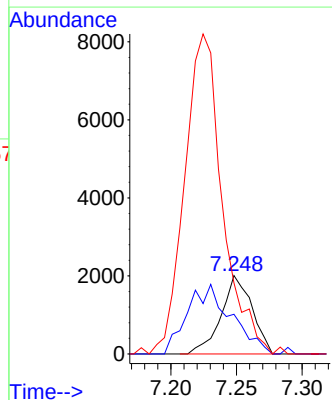
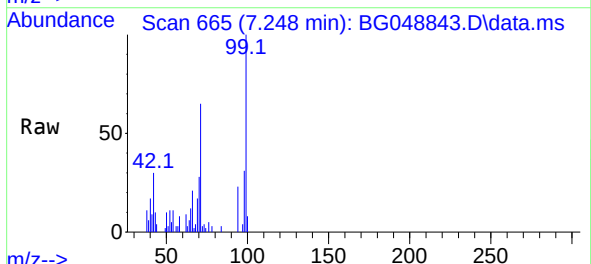
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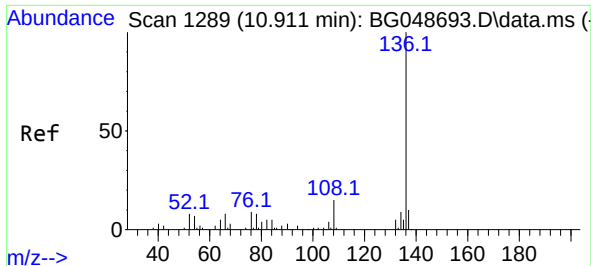
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#10
Phenol
Concen: 2.03 ng
RT: 7.248 min Scan# 665
Delta R.T. -0.002 min
Lab File: BG048843.D
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Tgt Ion: 94 Resp: 3283
Ion Ratio Lower Upper
94 100
65 50.7 12.9 52.9
66 90.6 39.4 79.4#





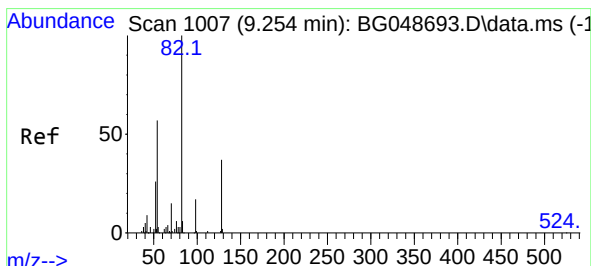
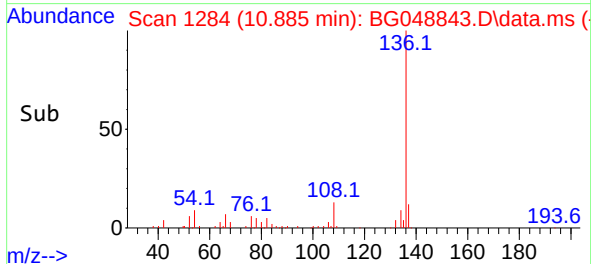
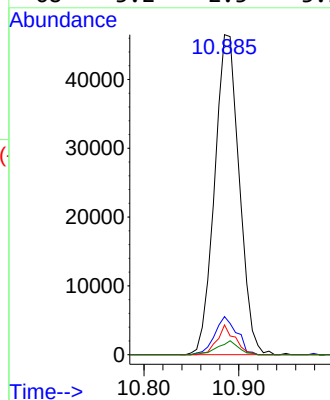
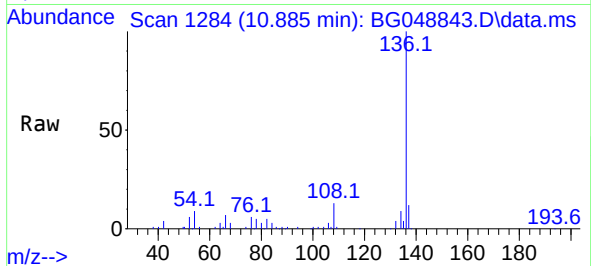
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.885 min Scan# 1284
Delta R.T. -0.008 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

Tgt Ion:	136	Resp:	83991
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.2
54	9.3	5.5	8.3#
68	3.2	2.3	3.5

Instrument :
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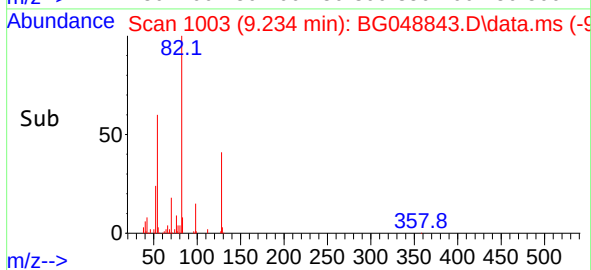
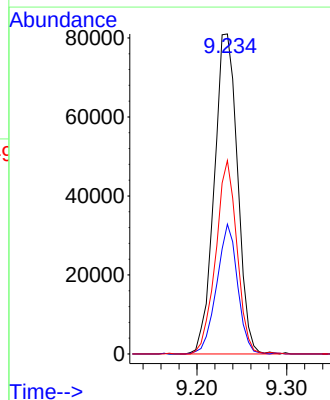
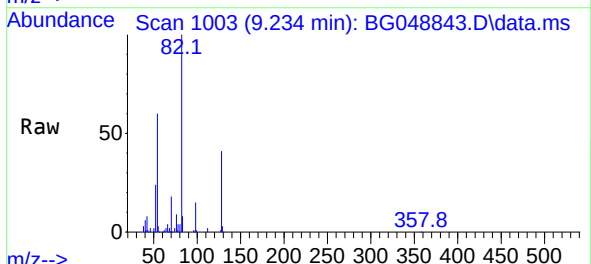
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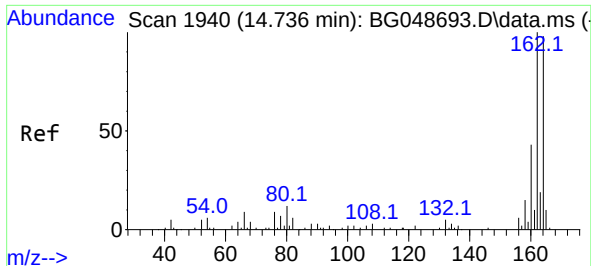
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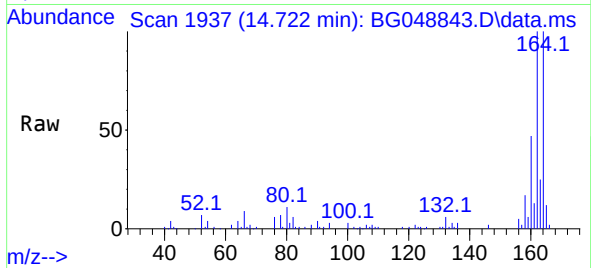
#23
Nitrobenzene-d5
Concen: 77.80 ng
RT: 9.234 min Scan# 1003
Delta R.T. -0.002 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

Tgt Ion:	82	Resp:	145948
Ion	Ratio	Lower	Upper
82	100		
128	40.5	29.8	44.6
54	60.5	45.8	68.8

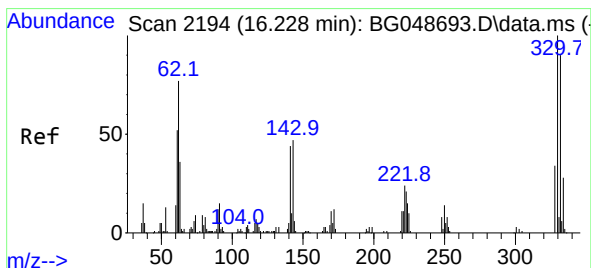
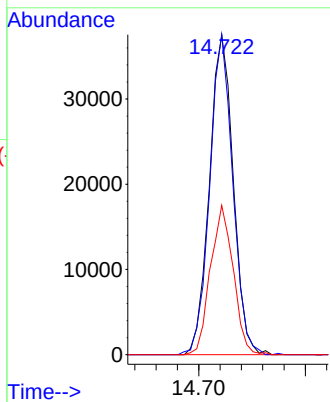
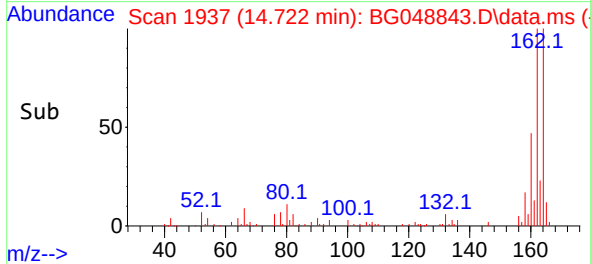




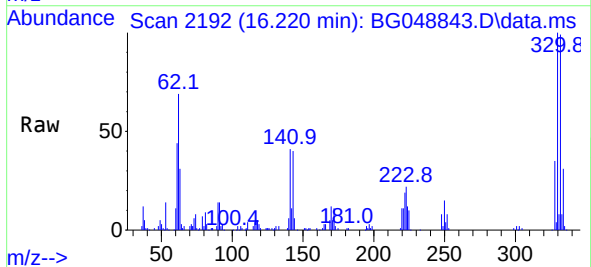
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.722 min Scan# 1937
Delta R.T. -0.002 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20



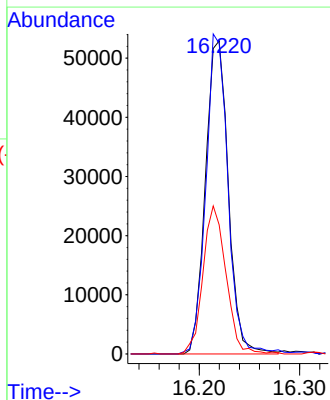
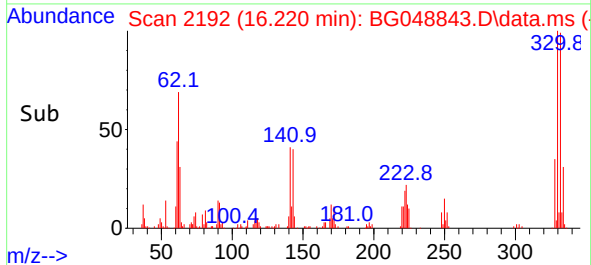
Tgt Ion:164 Resp: 58206
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 46.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 107.50 ng
RT: 16.220 min Scan# 2192
Delta R.T. 0.003 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20



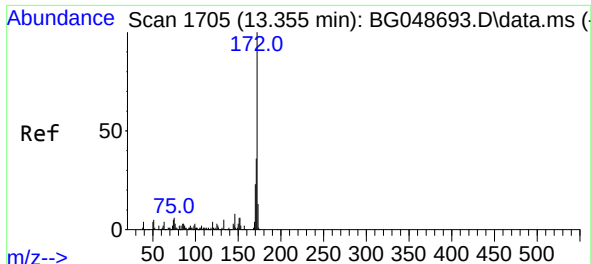
Tgt Ion:330 Resp: 83896
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 47.5 35.6 53.4



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BNA_G
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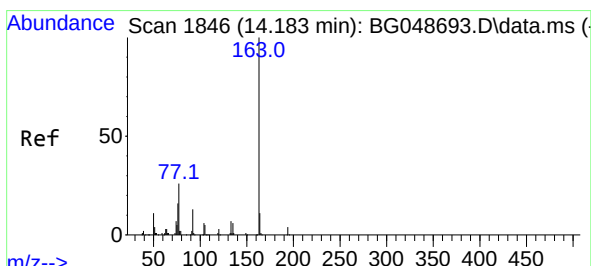
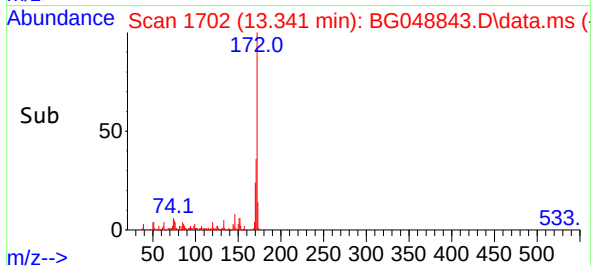
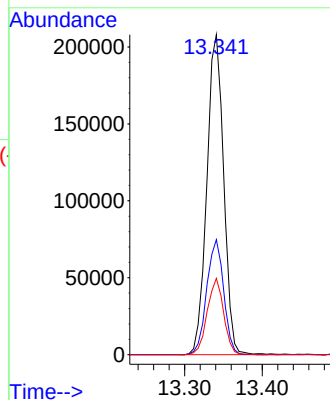
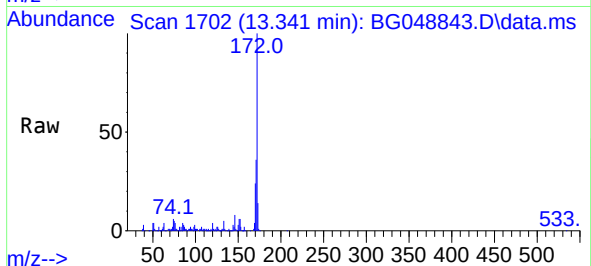
#45
2-Fluorobiphenyl
Concen: 77.87 ng
RT: 13.341 min Scan# 1702
Delta R.T. -0.002 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

Tgt Ion:	172	Resp:	313866
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.6	43.0
170	23.9	18.6	27.8

Instrument :
BNA_G
ClientSampleId :
FS-SB12A(7-8)

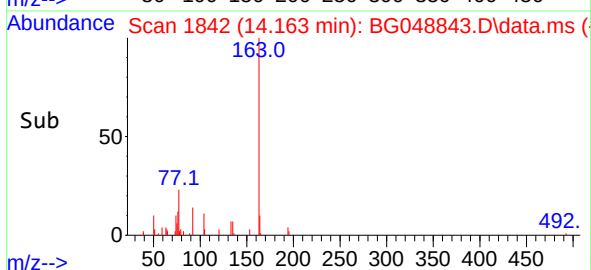
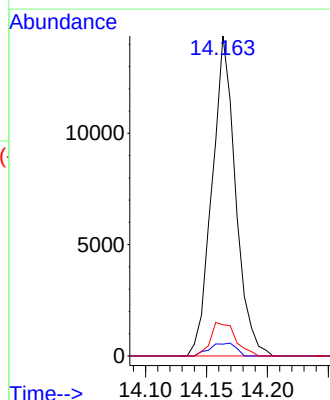
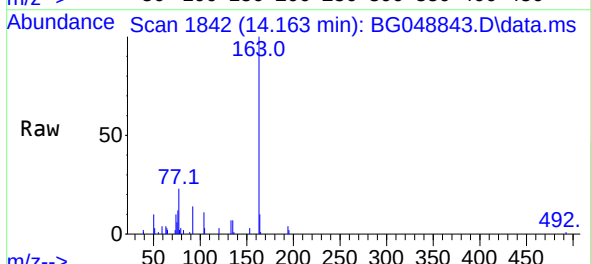
Manual Integrations
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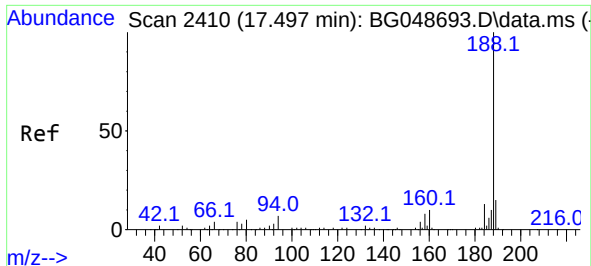
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#50
Dimethylphthalate
Concen: 4.41 ng
RT: 14.163 min Scan# 1842
Delta R.T. -0.008 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

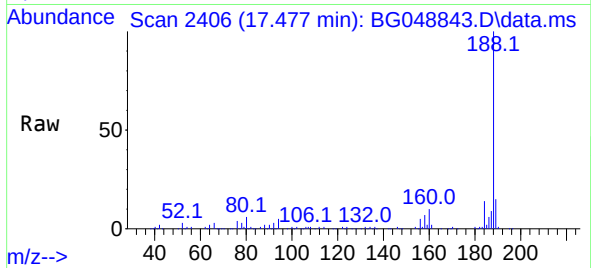
Tgt Ion:	163	Resp:	19261
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.6
164	9.7	8.6	12.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.477 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

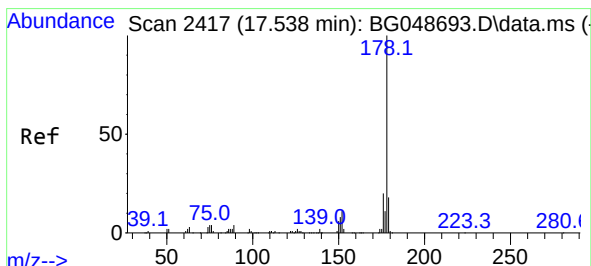
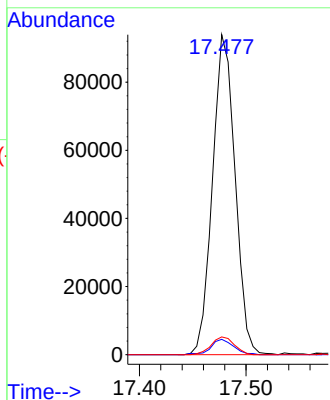
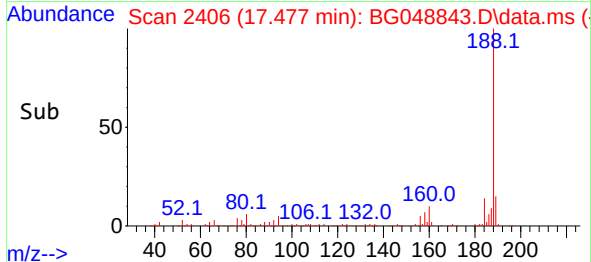
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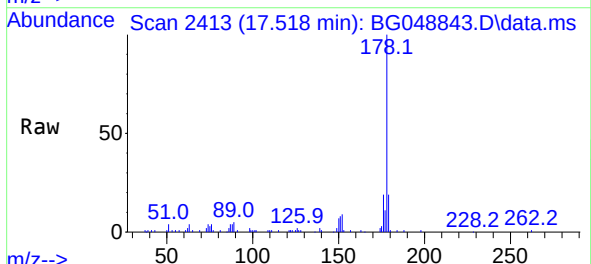
Tgt Ion:188 Resp: 137876
Ion Ratio Lower Upper
188 100
94 4.8 5.4 8.0#
80 5.6 3.7 5.5#

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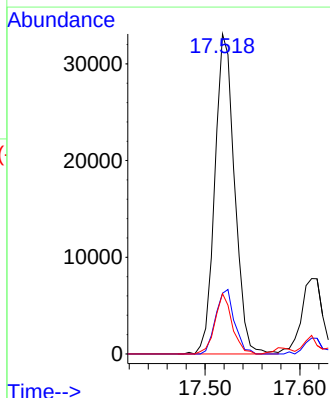
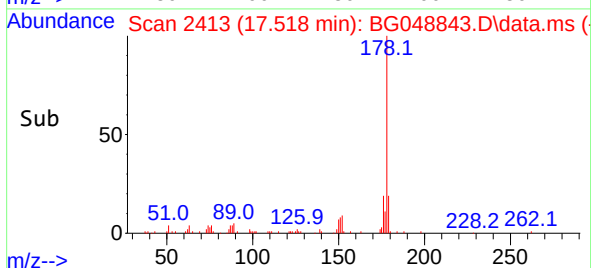
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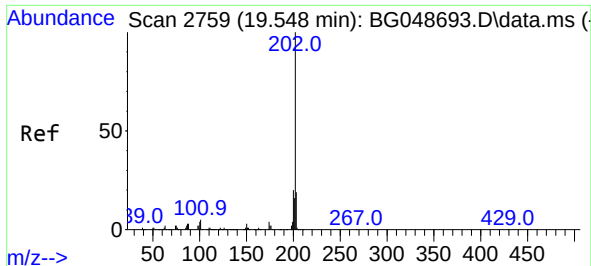


#71
Phenanthrene
Concen: 6.69 ng
RT: 17.518 min Scan# 2413
Delta R.T. -0.002 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20



Tgt Ion:178 Resp: 47892
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 18.8 14.2 21.4





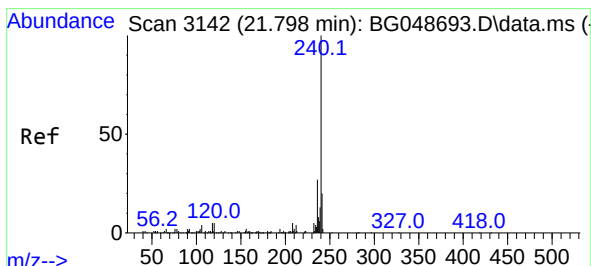
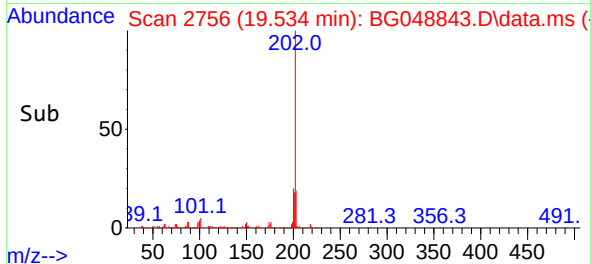
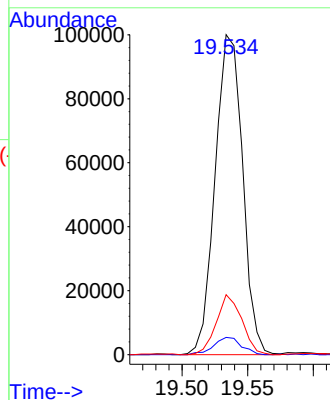
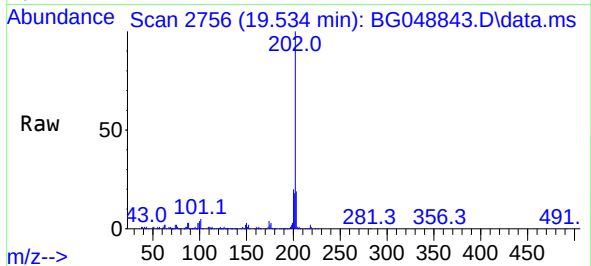
#75
Fluoranthene
Concen: 16.11 ng
RT: 19.534 min Scan# 2756
Delta R.T. -0.002 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

Tgt Ion:202 Resp: 145792
Ion Ratio Lower Upper
202 100
101 5.4 0.0 24.7
203 18.7 0.0 38.5

Instrument :
BNA_G
ClientSampleId :
FS-SB12A(7-8)

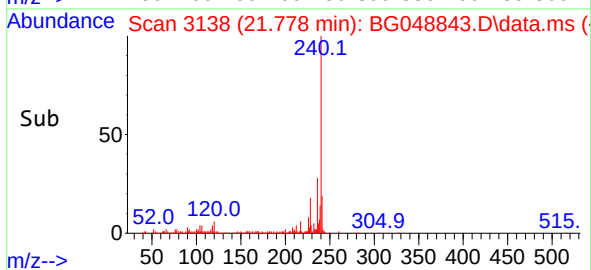
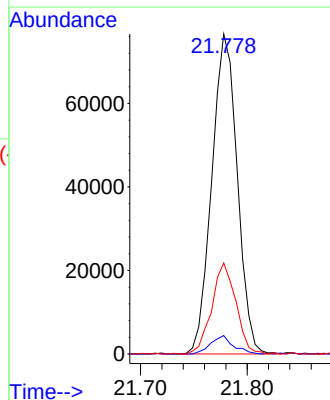
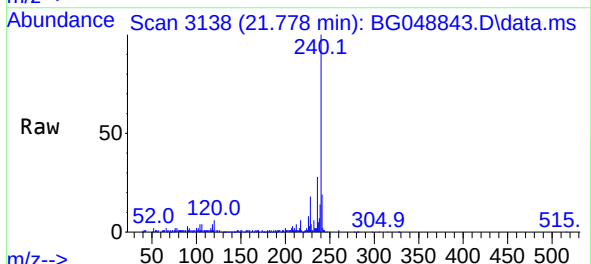
Manual Integrations
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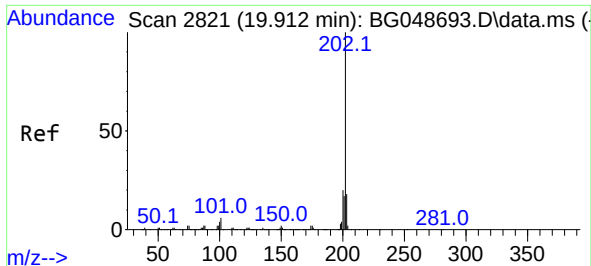
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.778 min Scan# 3138
Delta R.T. -0.002 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

Tgt Ion:240 Resp: 127015
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.2
236 28.5 21.8 32.6





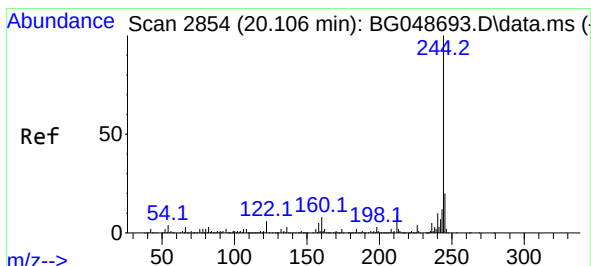
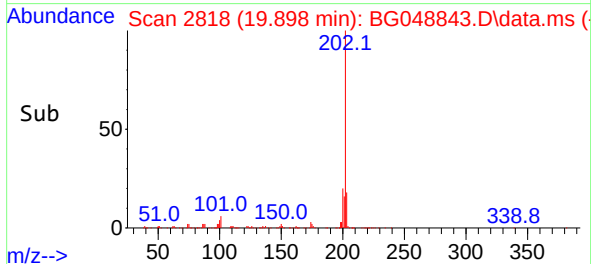
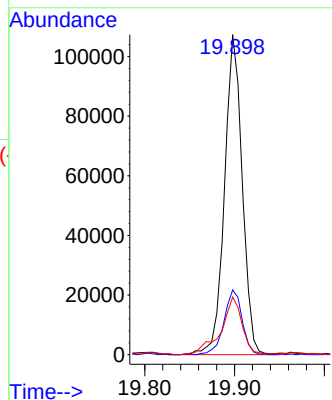
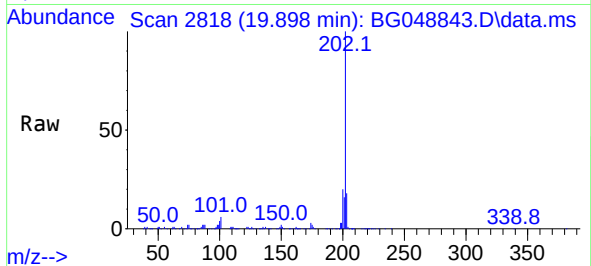
#78
Pyrene
Concen: 16.77 ng
RT: 19.898 min Scan# 2818
Delta R.T. -0.002 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

Tgt Ion:	202	Resp:	147357
Ion Ratio	Lower	Upper	
202	100		
200	20.3	15.8	23.8
203	18.0	14.6	21.8

Instrument :
BNA_G
ClientSampleId :
FS-SB12A(7-8)

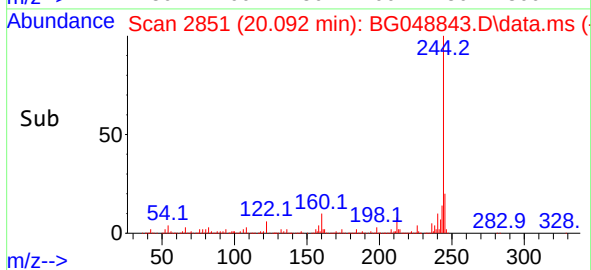
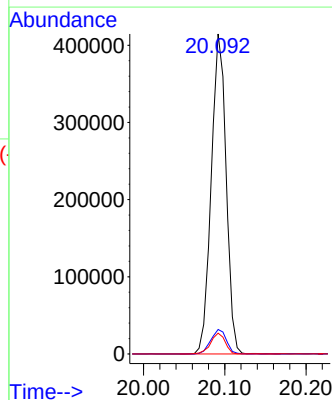
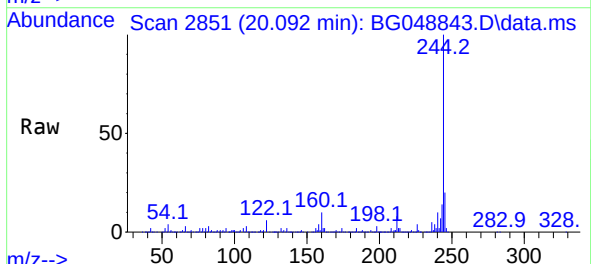
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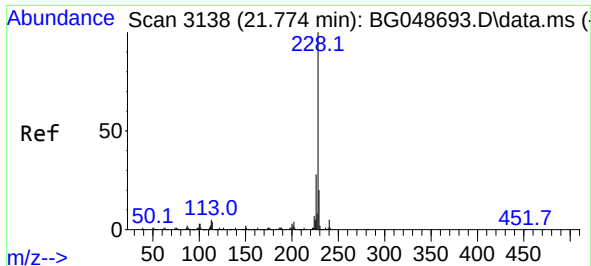
mohammad
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#79
Terphenyl-d14
Concen: 71.30 ng
RT: 20.092 min Scan# 2851
Delta R.T. -0.002 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

Tgt Ion:	244	Resp:	526189
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.9	10.3
122	6.5	5.0	7.6





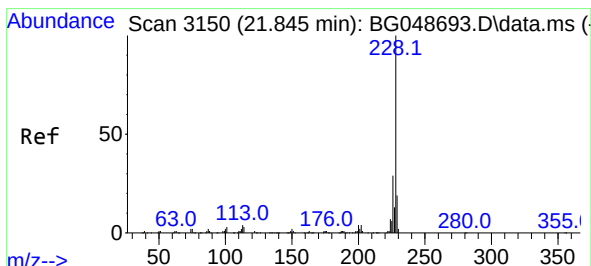
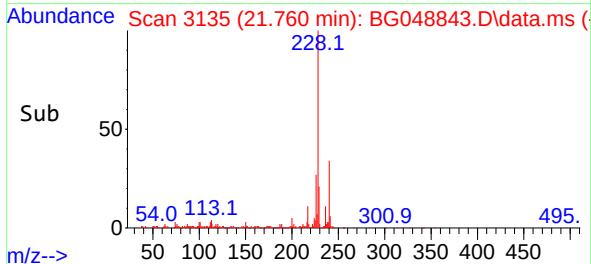
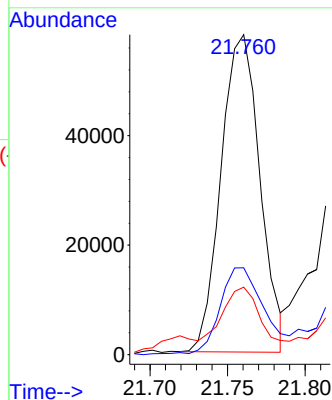
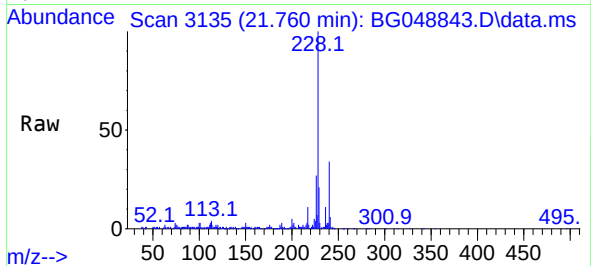
#81
Benzo(a)anthracene
Concen: 11.63 ng
RT: 21.760 min Scan# 3135
Delta R.T. 0.003 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

Tgt Ion:228 Resp: 100944
Ion Ratio Lower Upper
228 100
226 27.1 22.7 34.1
229 21.1 16.0 24.0

Instrument :
BNA_G
ClientSampled :
FS-SB12A(7-8)

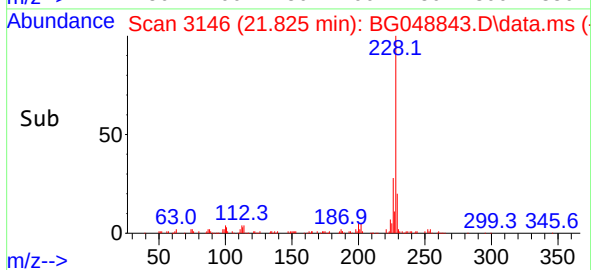
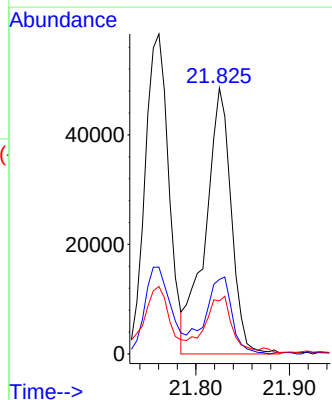
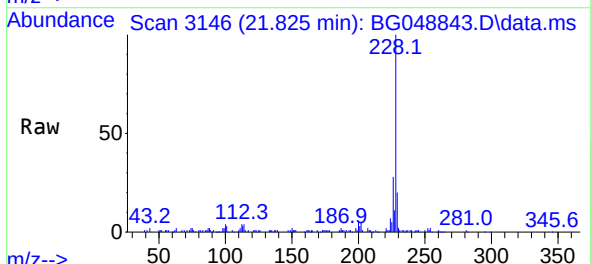
Manual Integrations
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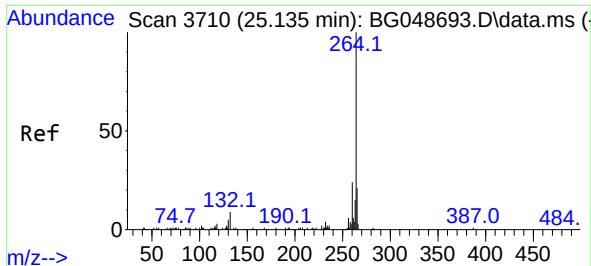
mohammad
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#83
Chrysene
Concen: 11.32 ng m
RT: 21.825 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

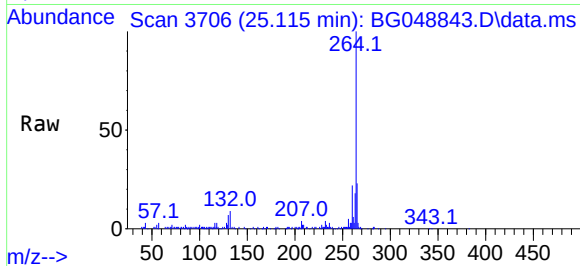
Tgt Ion:228 Resp: 93591
Ion Ratio Lower Upper
228 100
226 28.1 23.1 34.7
229 20.0 15.3 22.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.115 min Scan# 3706
Delta R.T. 0.003 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

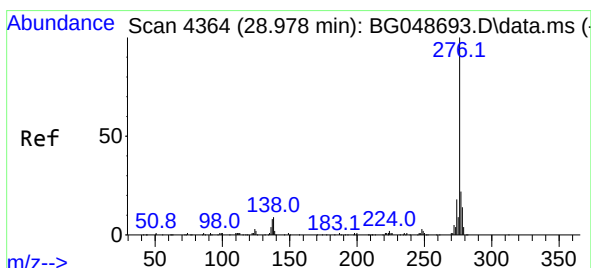
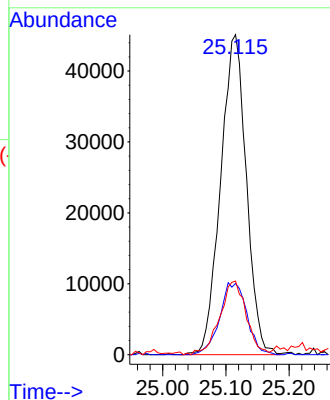
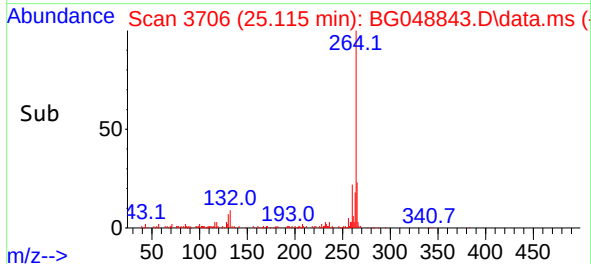
Instrument :
BNA_G
ClientSampled :
FS-SB12A(7-8)



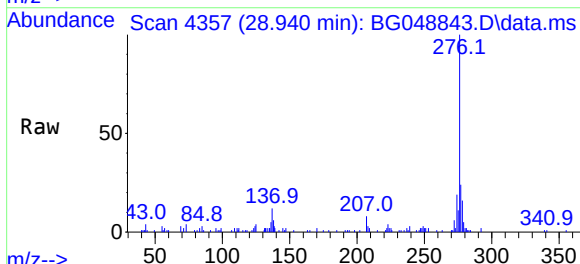
Tgt Ion:264 Resp: 127488
Ion Ratio Lower Upper
264 100
260 22.2 19.4 29.2
265 23.0 16.9 25.3

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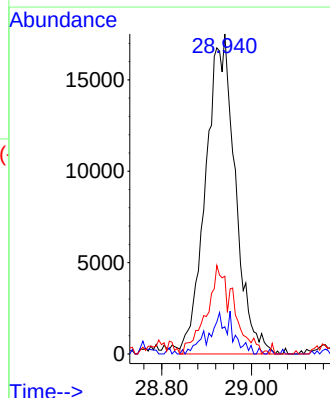
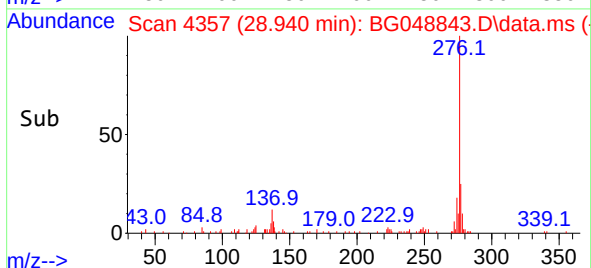
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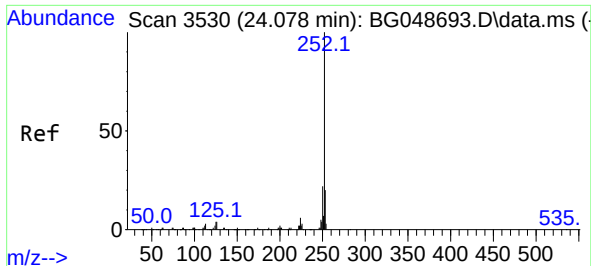


#87
Indeno(1,2,3-cd)pyrene
Concen: 8.54 ng
RT: 28.940 min Scan# 4357
Delta R.T. 0.003 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20



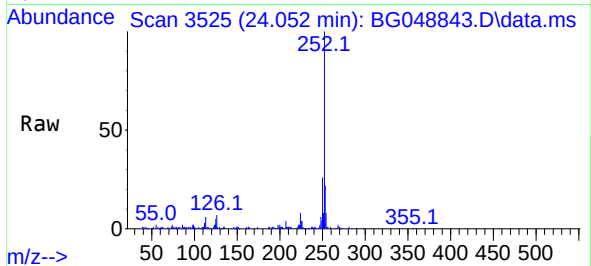
Tgt Ion:276 Resp: 79930
Ion Ratio Lower Upper
276 100
138 3.3 5.1 7.7#
277 17.6 19.8 29.6#





#88
Benzo(b)fluoranthene
Concen: 16.73 ng
RT: 24.052 min Scan# 3525
Delta R.T. 0.003 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

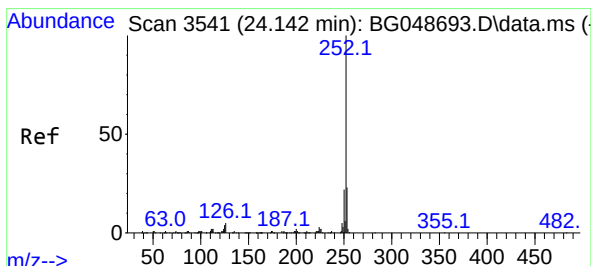
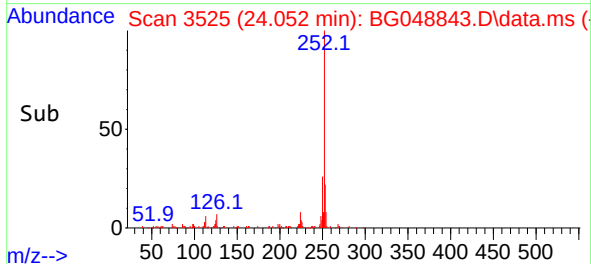
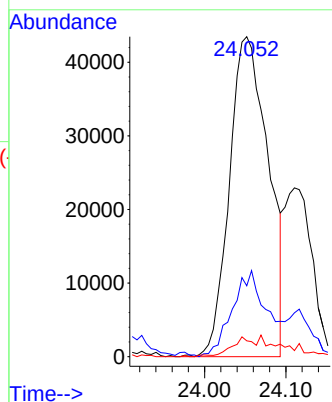
Instrument :
BNA_G
ClientSampleId :
FS-SB12A(7-8)



Tgt Ion:252 Resp: 144705
Ion Ratio Lower Upper
252 100
253 22.2 16.2 24.4
125 4.9 3.0 4.4#

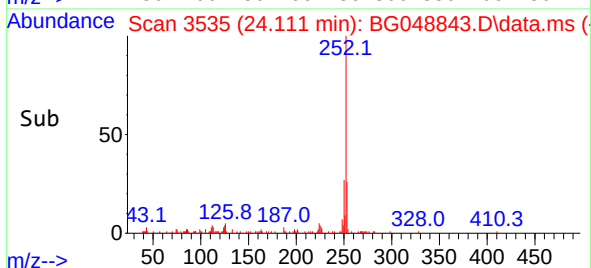
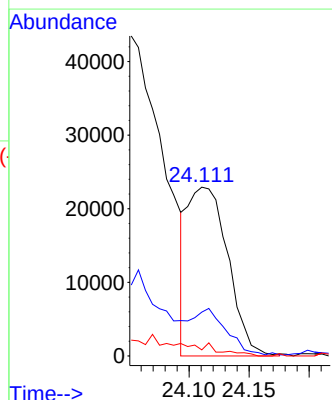
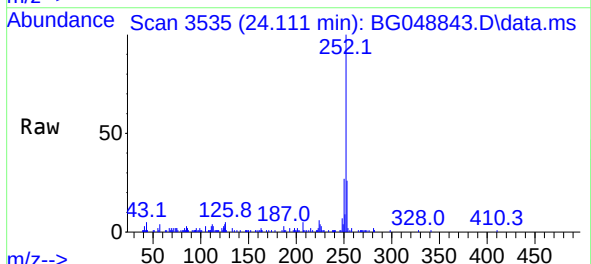
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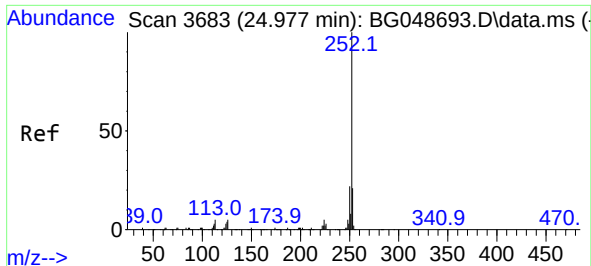
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#89
Benzo(k)fluoranthene
Concen: 6.61 ng m
RT: 24.111 min Scan# 3535
Delta R.T. -0.008 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

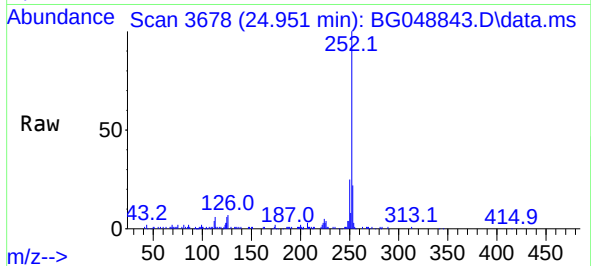
Tgt Ion:252 Resp: 53731
Ion Ratio Lower Upper
252 100
253 26.0 18.0 27.0
125 3.6 3.1 4.7





#90
Benzo(a)pyrene
Concen: 14.13 ng
RT: 24.951 min Scan# 3678
Delta R.T. -0.002 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

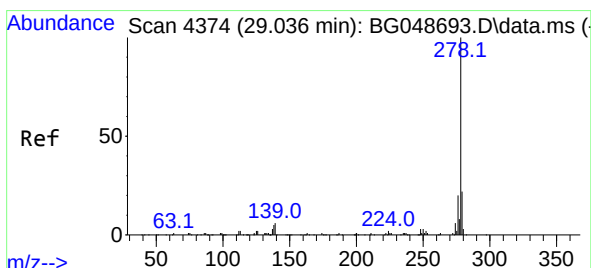
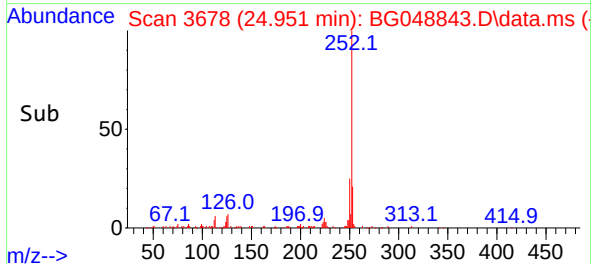
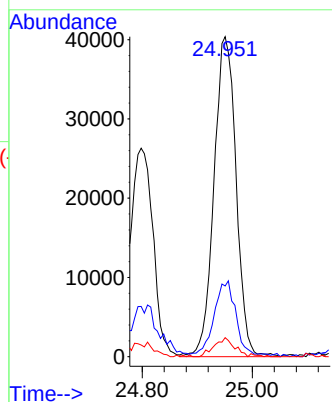
Instrument :
BNA_G
ClientSampleId :
FS-SB12A(7-8)



Tgt Ion:252 Resp: 112618
Ion Ratio Lower Upper
252 100
253 22.1 16.6 25.0
125 6.0 3.5 5.3#

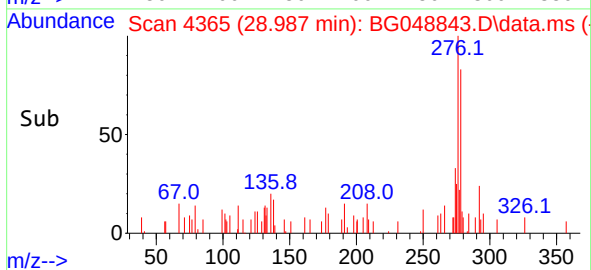
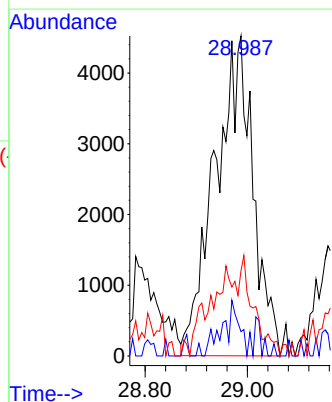
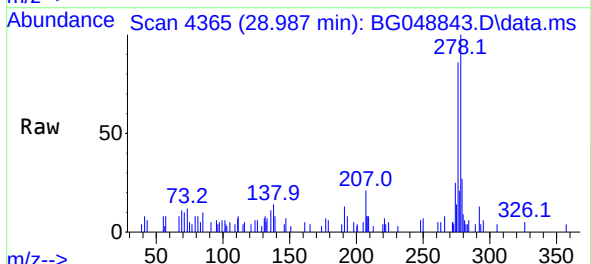
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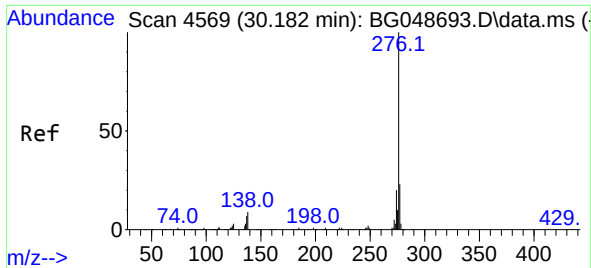
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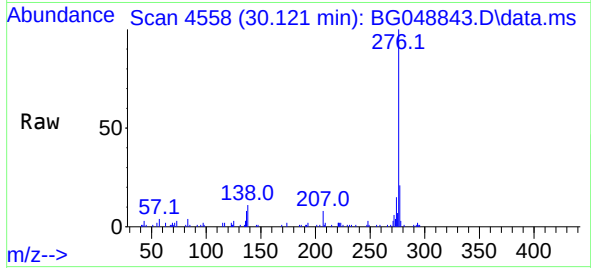
#91
Dibenzo(a,h)anthracene
Concen: 2.91 ng m
RT: 28.987 min Scan# 4365
Delta R.T. -0.008 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20

Tgt Ion:278 Resp: 23341
Ion Ratio Lower Upper
278 100
139 7.6 4.6 6.8#
279 26.7 17.9 26.9

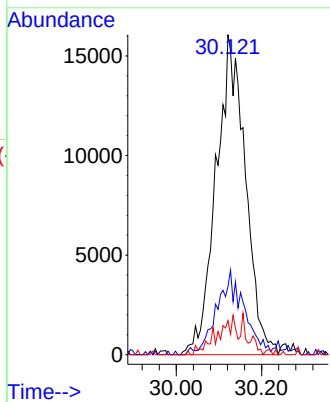
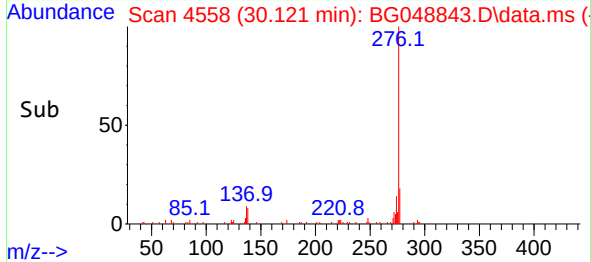




#92
Benzo(g,h,i)perylene
Concen: 9.65 ng
RT: 30.121 min Scan# 4558
Delta R.T. -0.008 min
Lab File: BG048843.D
Acq: 22 Apr 2021 12:20



Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.2	18.4	27.6
138	10.7	7.0	10.6



Instrument :
BNA_G
ClientSampleId :
FS-SB12A(7-8)

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