

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050698.D
 Acq On : 22 Oct 2021 21:01
 Operator : CG/JU
 Sample : M4285-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-FB-(1)

Manual Integrations
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Quant Time: Oct 23 01:45:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	49117	20.000	ng	0.00
21) Naphthalene-d8	11.075	136	205876	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	124508	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	241994	20.000	ng	# 0.00
76) Chrysene-d12	21.915	240	195048	20.000	ng	# 0.00
86) Perylene-d12	25.335	264	197429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	261774	79.706	ng	0.00
7) Phenol-d6	7.397	99	363594	76.466	ng	0.00
23) Nitrobenzene-d5	9.424	82	261329	52.546	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	87235	73.456	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	471993	57.054	ng	0.00
79) Terphenyl-d14	20.206	244	556107	55.563	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.600	152	30886	2.703	ng	100
71) Phenanthrene	17.656	178	212695	16.679	ng	95
75) Fluoranthene	19.653	202	398979	25.452	ng	96
78) Pyrene	20.018	202	425660	30.759	ng	97
81) Benzo(a)anthracene	21.898	228	185637	14.384	ng	95
83) Chrysene	21.962	228	219364	18.070	ng	95
87) Indeno(1,2,3-cd)pyrene	29.248	276	104141	7.573	ng	# 94
88) Benzo(b)fluoranthene	24.242	252	257352	21.284	ng	# 91
89) Benzo(k)fluoranthene	24.307	252	75093m	6.313	ng	
90) Benzo(a)pyrene	25.164	252	180831	17.590	ng	# 89
91) Dibenzo(a,h)anthracene	29.318	278	28117m	2.472	ng	
92) Benzo(g,h,i)perylene	30.482	276	97412	8.745	ng	# 91

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

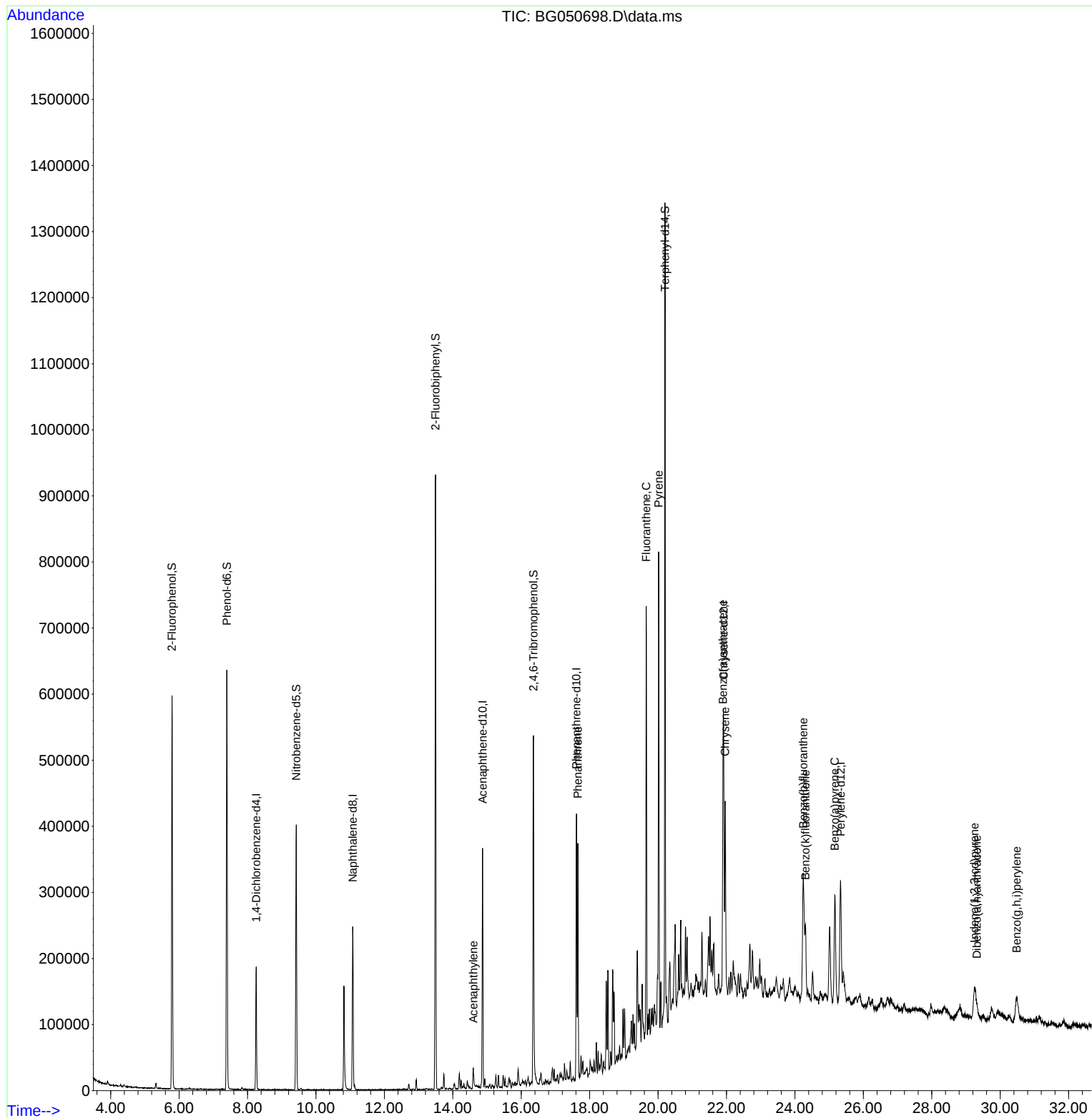
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Data File : BG050698.D
Acq On : 22 Oct 2021 21:01
Operator : CG/JU
Sample : M4285-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

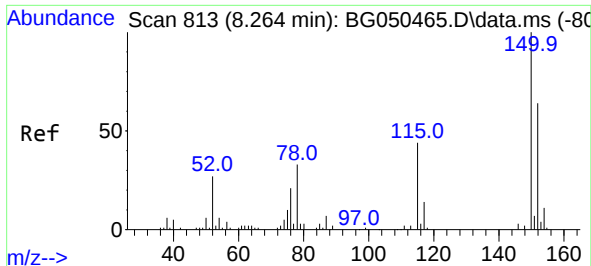
Instrument :
BNA_G
ClientSampleId :
MH-FB-(1)

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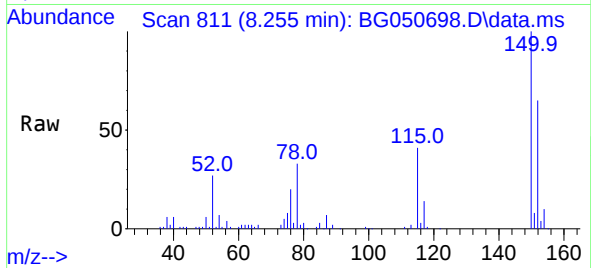
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Quant Time: Oct 23 01:45:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
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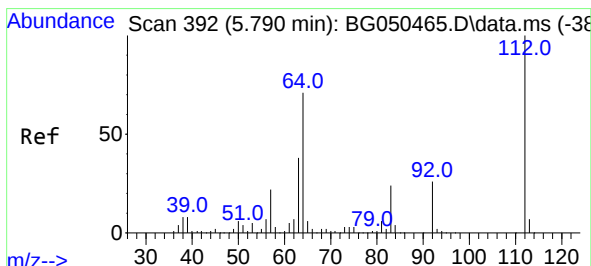
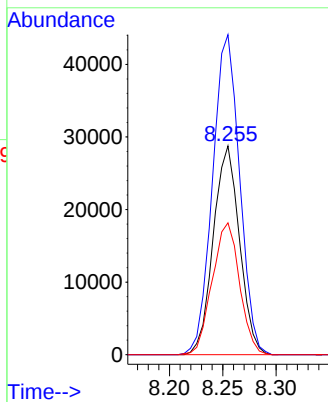
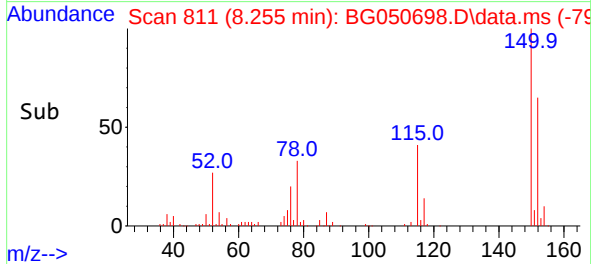




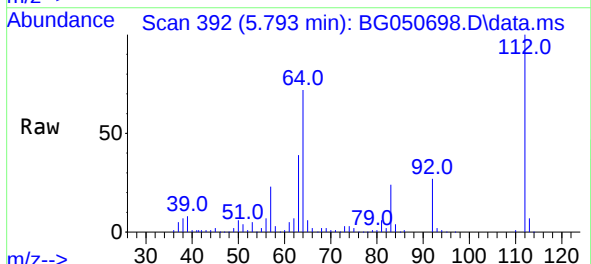
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01



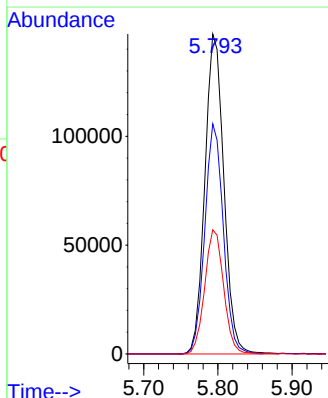
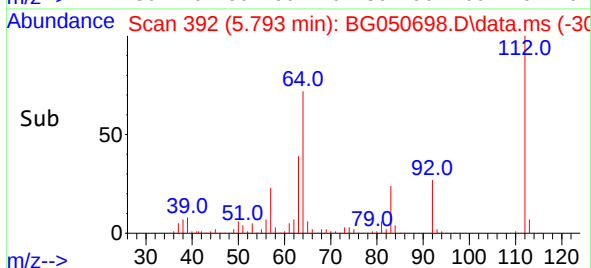
Tgt Ion:152 Resp: 49117
Ion Ratio Lower Upper
152 100
150 153.2 119.4 179.0
115 63.1 60.2 90.4



#5
2-Fluorophenol
Concen: 79.706 ng
RT: 5.793 min Scan# 392
Delta R.T. 0.002 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01



Tgt Ion:112 Resp: 261774
Ion Ratio Lower Upper
112 100
64 71.9 46.7 70.1#
63 38.8 35.3 52.9



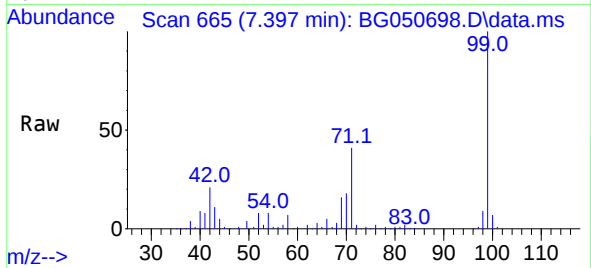
Instrument :
BNA_G
ClientSampleId :
MH-FB-(1)

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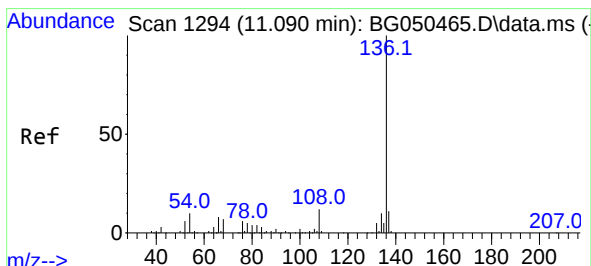
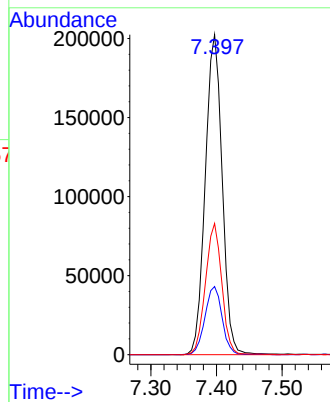
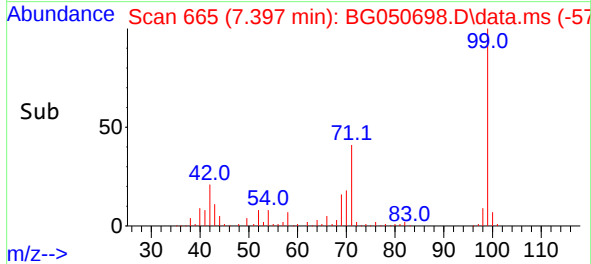
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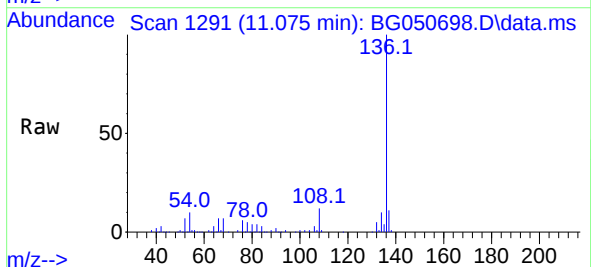
#7
Phenol-d6
Concen: 76.466 ng
RT: 7.397 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01



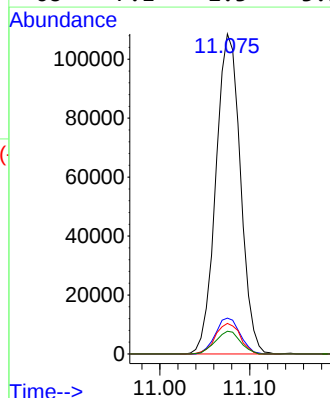
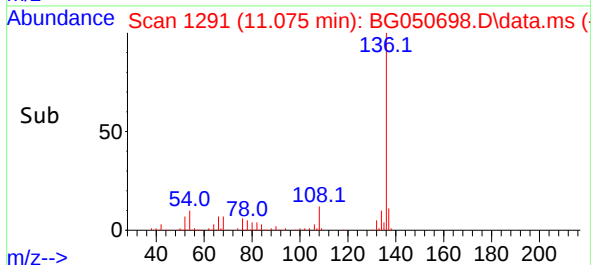
Tgt Ion: 99 Resp: 363594
Ion Ratio Lower Upper
99 100
42 21.3 20.5 30.7
71 41.0 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.075 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01



Tgt Ion: 136 Resp: 205876
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 9.6 5.5 8.3#
68 7.1 2.3 3.5#



Instrument :
BNA_G
ClientSampled :
MH-FB-(1)

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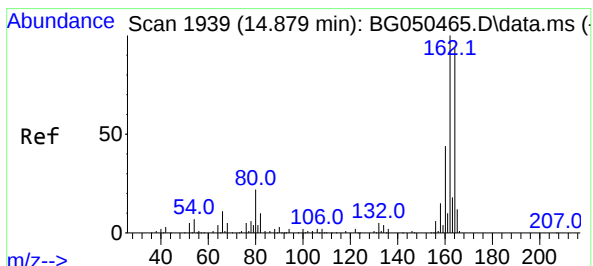
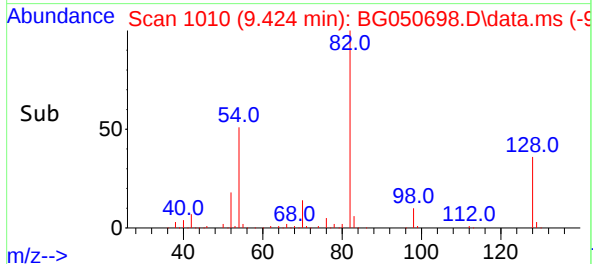
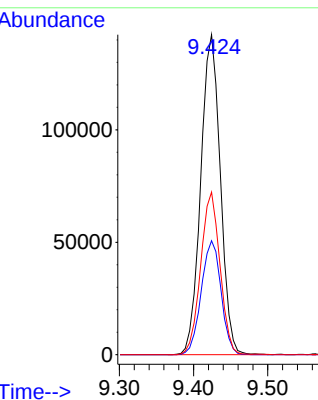
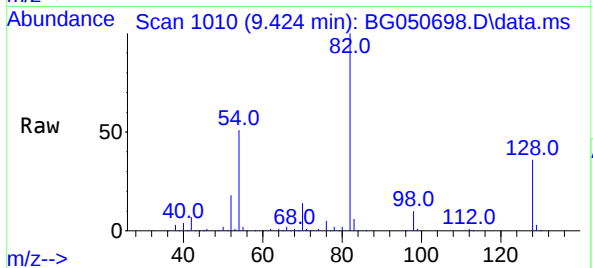
#23
Nitrobenzene-d5
Concen: 52.546 ng
RT: 9.424 min Scan# 1010
Delta R.T. -0.003 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01

Instrument :
BNA_G
ClientSampled :
MH-FB-(1)

Tgt Ion: 82 Resp: 261329
Ion Ratio Lower Upper
82 100
128 35.6 29.8 44.6
54 50.8 45.8 68.8

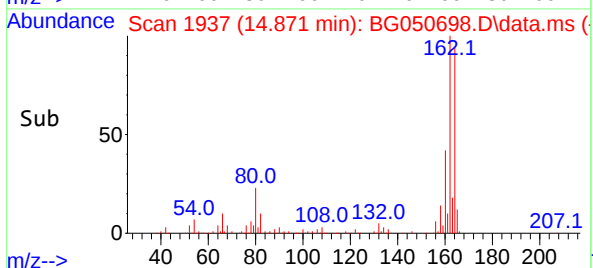
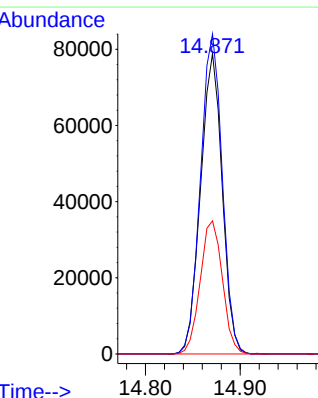
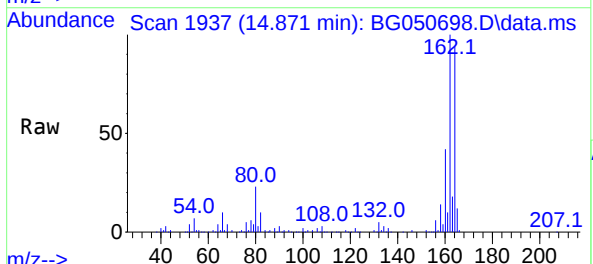
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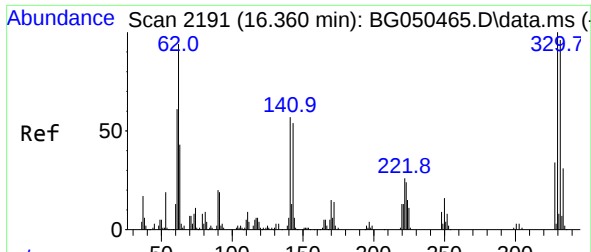
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01

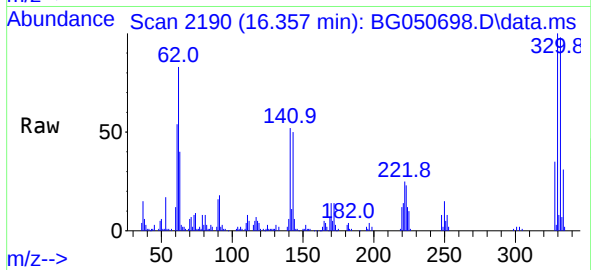
Tgt Ion:164 Resp: 124508
Ion Ratio Lower Upper
164 100
162 106.5 81.4 122.0
160 44.3 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 73.456 ng
RT: 16.357 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01

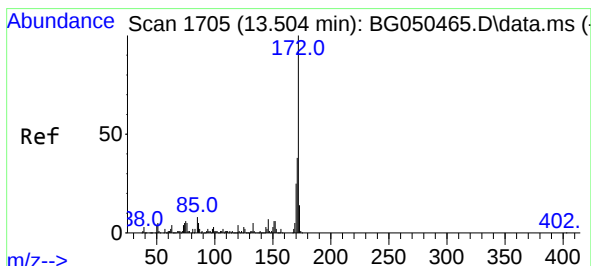
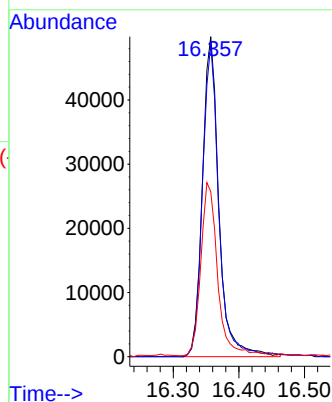
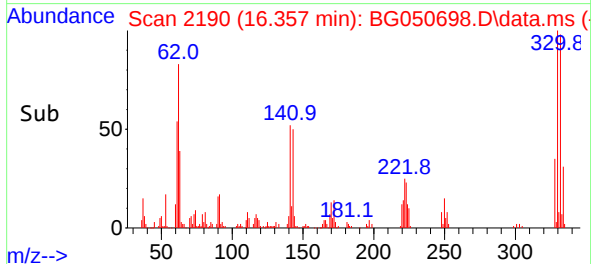
Instrument :
BNA_G
ClientSampleId :
MH-FB-(1)



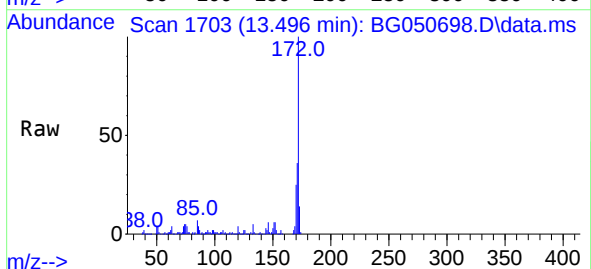
Tgt Ion:330 Resp: 87235
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 54.8 35.6 53.4#

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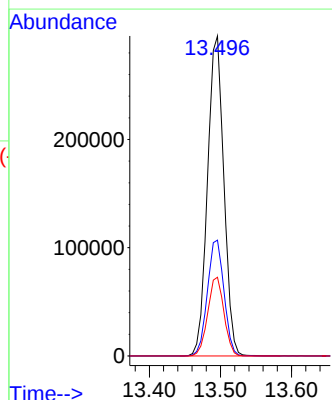
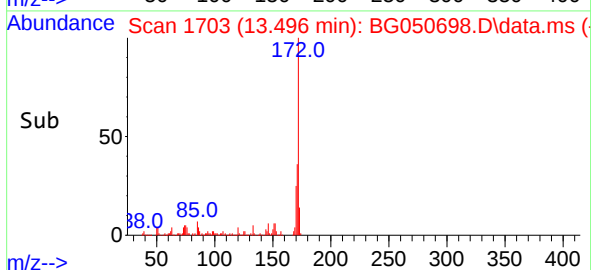
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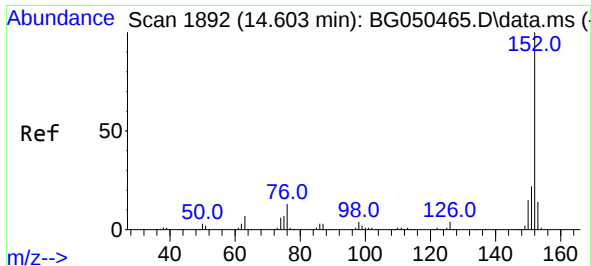


#45
2-Fluorobiphenyl
Concen: 57.054 ng
RT: 13.496 min Scan# 1703
Delta R.T. -0.009 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01



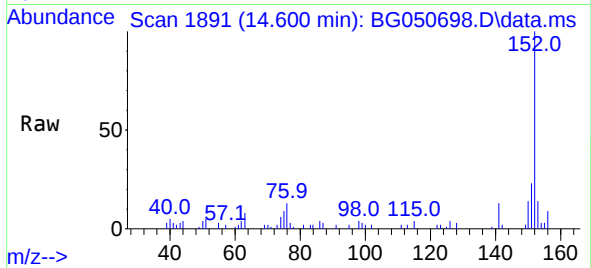
Tgt Ion:172 Resp: 471993
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.6 18.6 27.8





#49
Acenaphthylene
Concen: 2.703 ng
RT: 14.600 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01

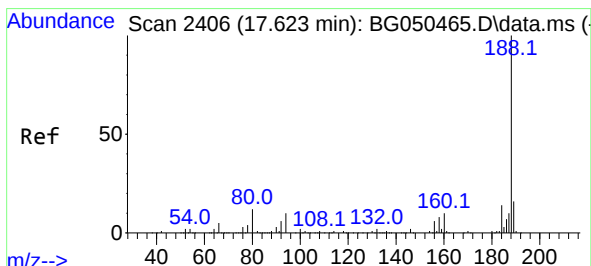
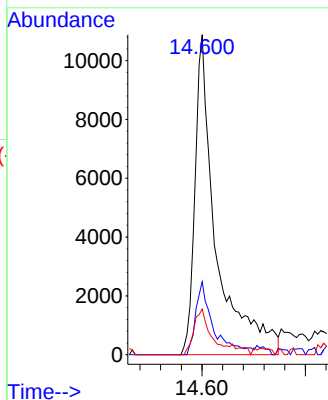
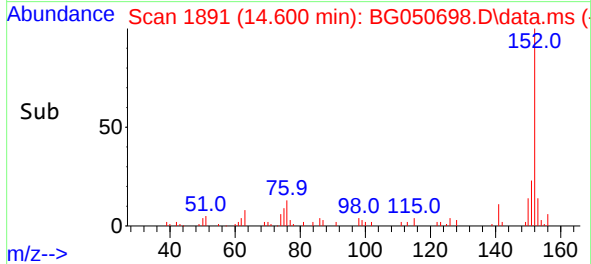
Instrument :
BNA_G
ClientSampled :
MH-FB-(1)



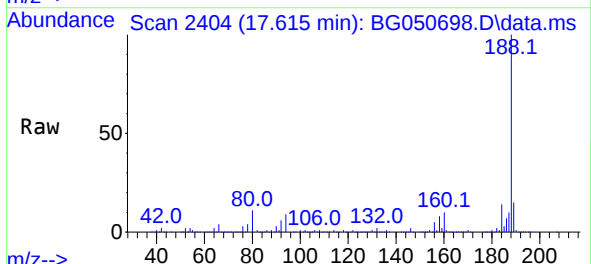
Tgt Ion:152 Resp: 30886
Ion Ratio Lower Upper
152 100
151 22.8 18.2 27.4
153 14.3 11.7 17.5

Manual Integrations
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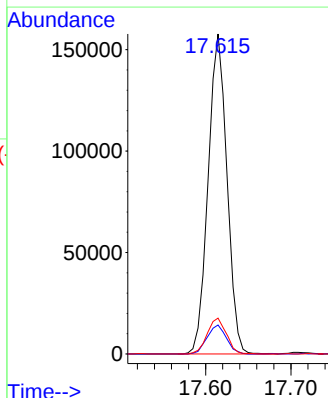
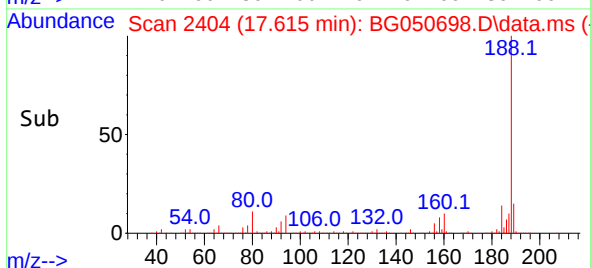
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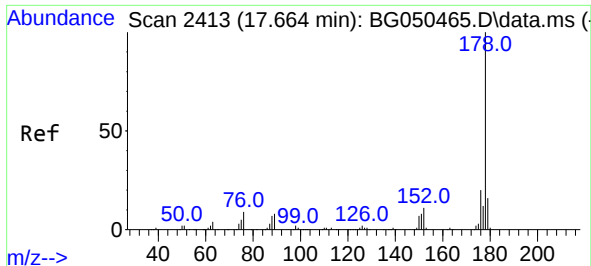


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01



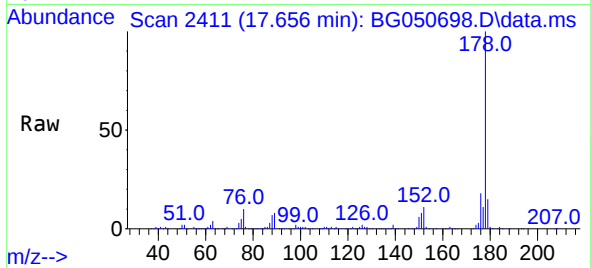
Tgt Ion:188 Resp: 241994
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 11.2 3.7 5.5#





#71
Phenanthrene
Concen: 16.679 ng
RT: 17.656 min Scan# 2411
Delta R.T. -0.009 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01

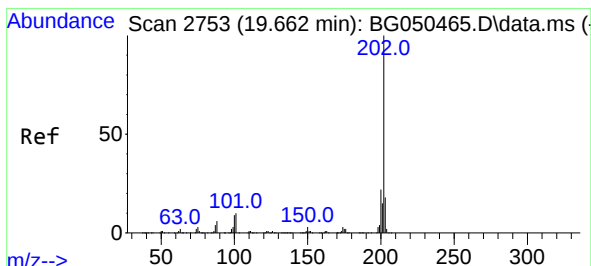
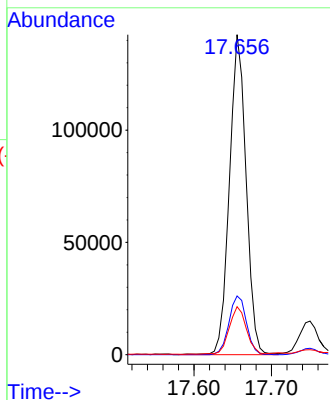
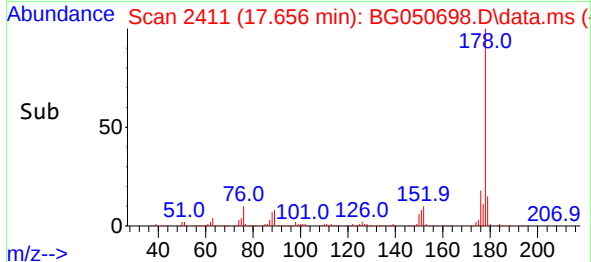
Instrument :
BNA_G
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MH-FB-(1)



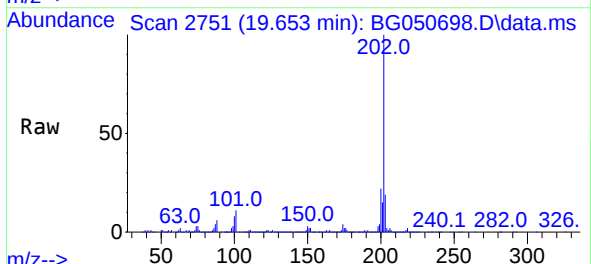
Tgt Ion:178 Resp: 212695
Ion Ratio Lower Upper
178 100
176 18.4 16.0 24.0
179 15.0 14.2 21.4

Manual Integrations
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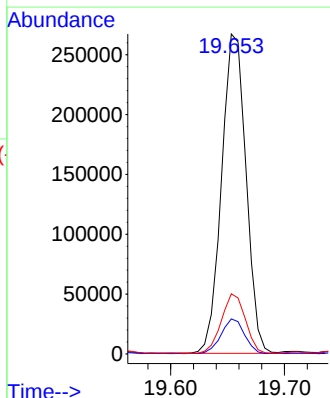
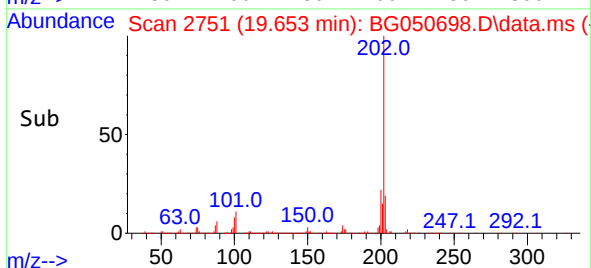
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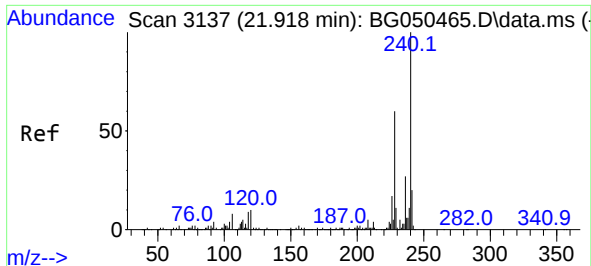


#75
Fluoranthene
Concen: 25.452 ng
RT: 19.653 min Scan# 2751
Delta R.T. -0.009 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01



Tgt Ion:202 Resp: 398979
Ion Ratio Lower Upper
202 100
101 11.0 0.0 24.7
203 18.8 0.0 38.5





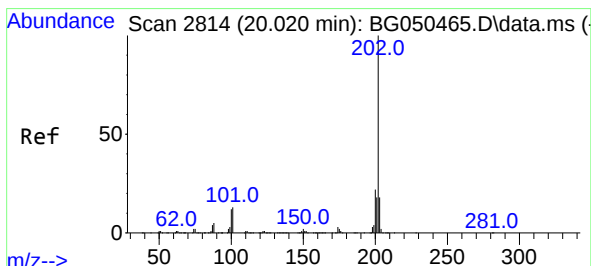
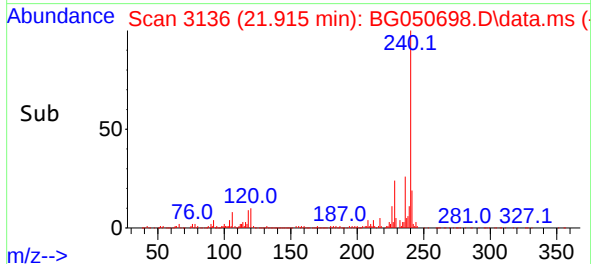
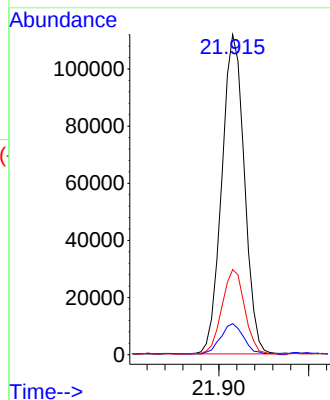
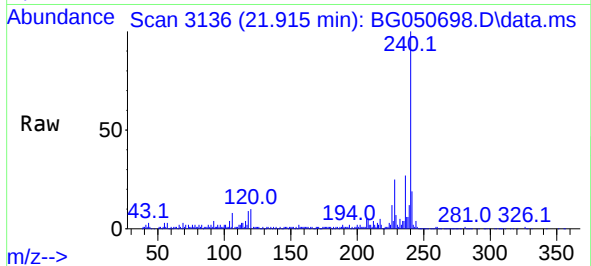
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.915 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01

Tgt Ion:240 Resp: 195048
Ion Ratio Lower Upper
240 100
120 9.7 4.2 6.2#
236 26.6 21.8 32.6

Instrument :
BNA_G
ClientSampleId :
MH-FB-(1)

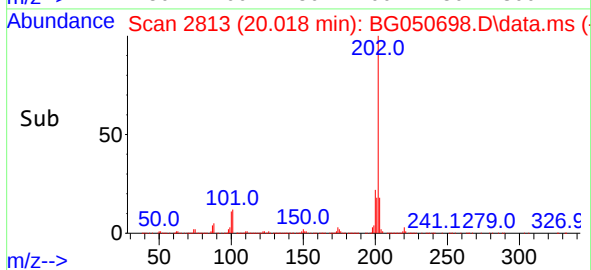
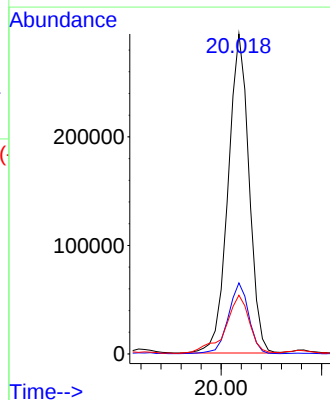
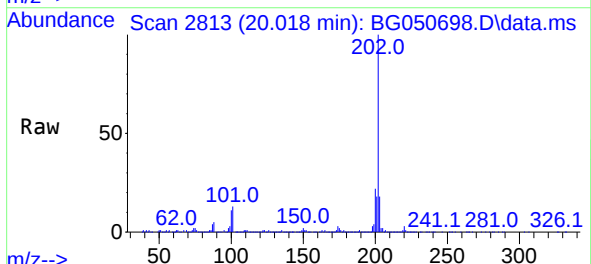
Manual Integrations
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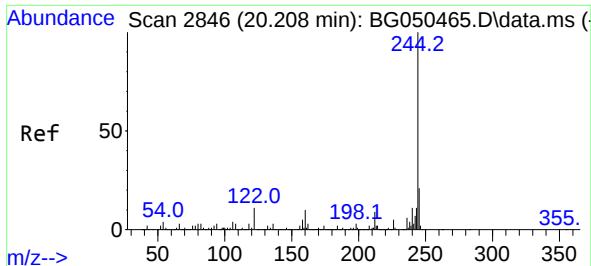
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#78
Pyrene
Concen: 30.759 ng
RT: 20.018 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01

Tgt Ion:202 Resp: 425660
Ion Ratio Lower Upper
202 100
200 22.2 15.8 23.8
203 18.3 14.6 21.8





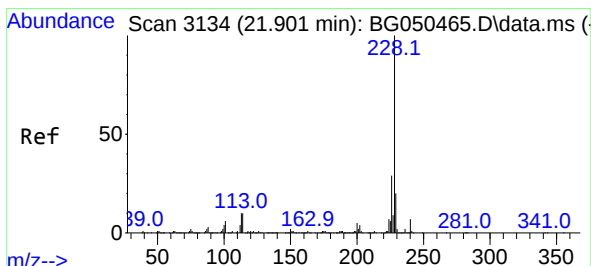
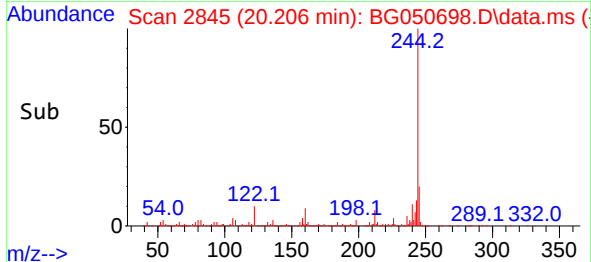
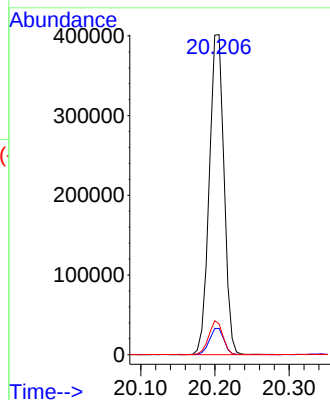
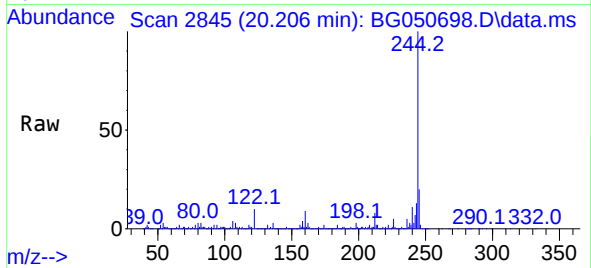
#79
Terphenyl-d14
Concen: 55.563 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01

Tgt Ion:244 Resp: 556107
Ion Ratio Lower Upper
244 100
212 8.2 6.9 10.3
122 9.6 5.0 7.6#

Instrument :
BNA_G
ClientSampleId :
MH-FB-(1)

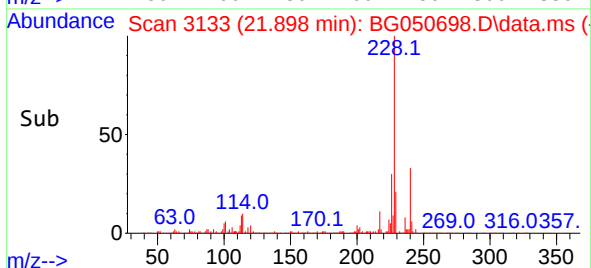
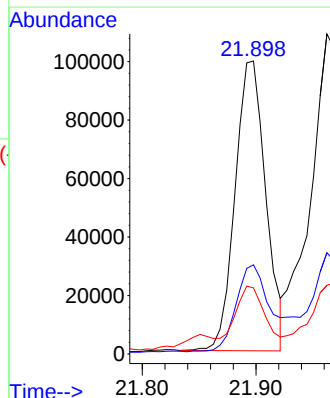
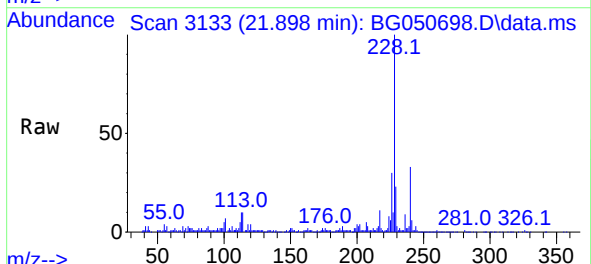
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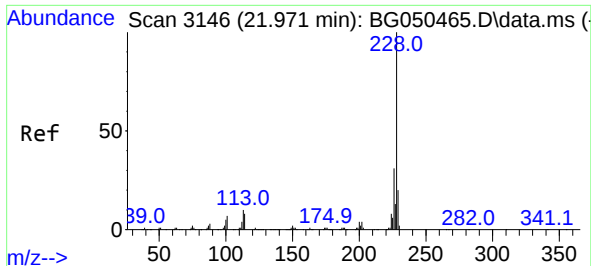
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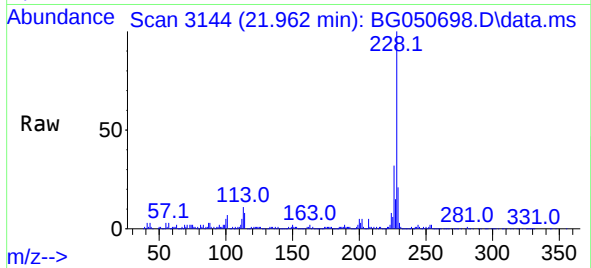
#81
Benzo(a)anthracene
Concen: 14.384 ng
RT: 21.898 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01

Tgt Ion:228 Resp: 185637
Ion Ratio Lower Upper
228 100
226 30.4 22.7 34.1
229 22.6 16.0 24.0

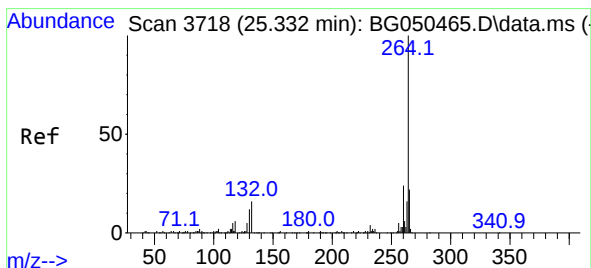
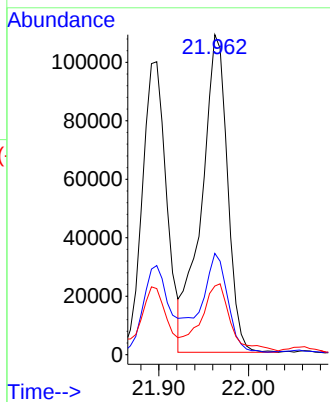
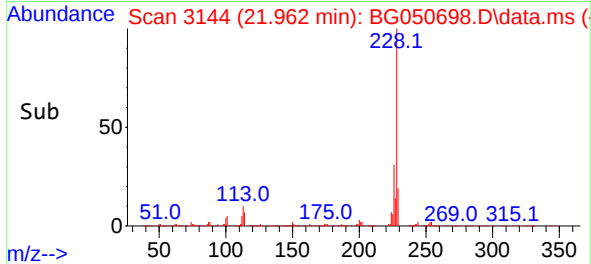




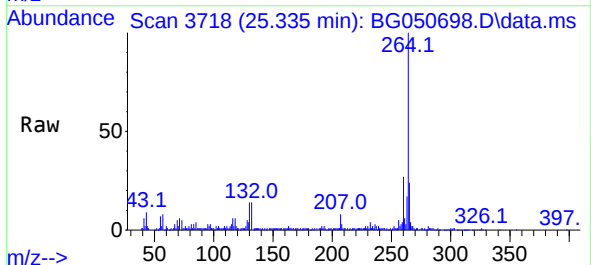
#83
Chrysene
Concen: 18.070 ng
RT: 21.962 min Scan# 3144
Delta R.T. -0.009 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01



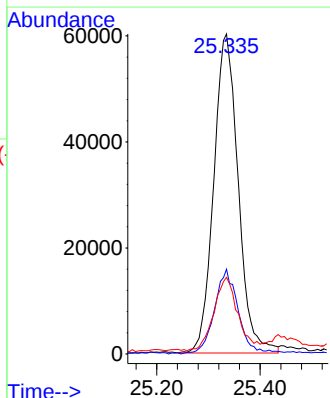
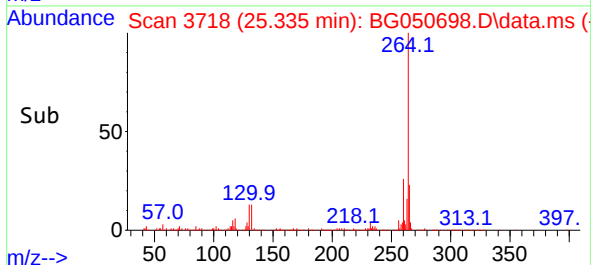
Tgt Ion:228 Resp: 219364
Ion Ratio Lower Upper
228 100
226 31.7 23.1 34.7
229 21.4 15.3 22.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.335 min Scan# 3718
Delta R.T. 0.002 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01



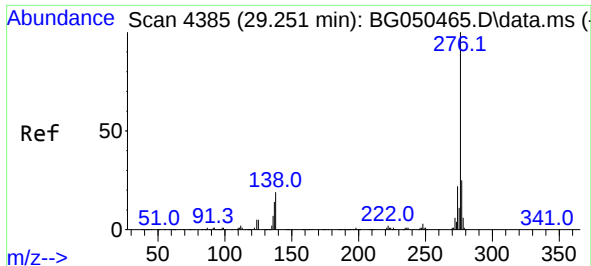
Tgt Ion:264 Resp: 197429
Ion Ratio Lower Upper
264 100
260 26.5 19.4 29.2
265 24.0 16.9 25.3



Instrument :
BNA_G
ClientSampleId :
MH-FB-(1)

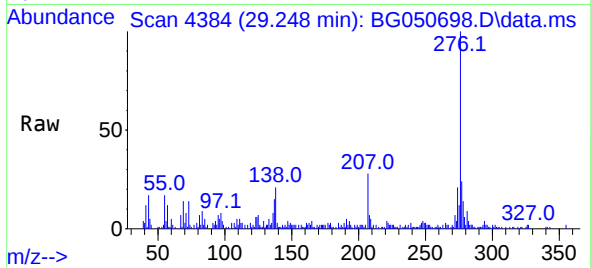
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.573 ng
RT: 29.248 min Scan# 4384
Delta R.T. -0.015 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01

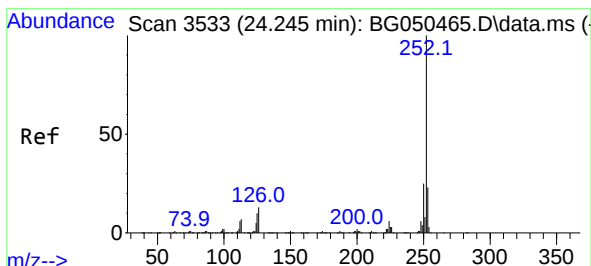
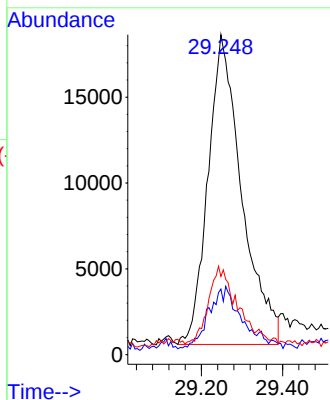
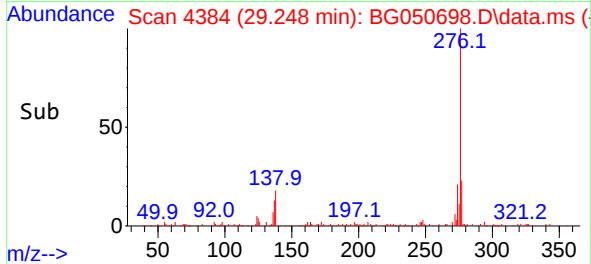
Instrument :
BNA_G
ClientSampleId :
MH-FB-(1)



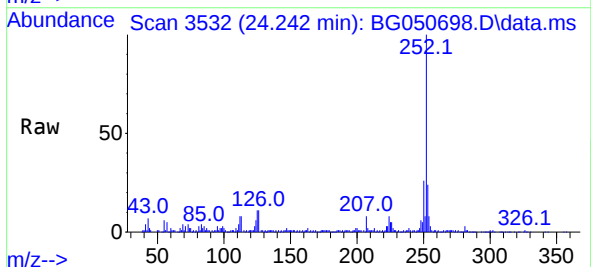
Tgt Ion:276 Resp: 104141
Ion Ratio Lower Upper
276 100
138 8.7 5.1 7.7#
277 21.5 19.8 29.6

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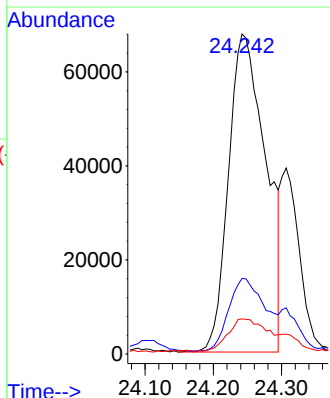
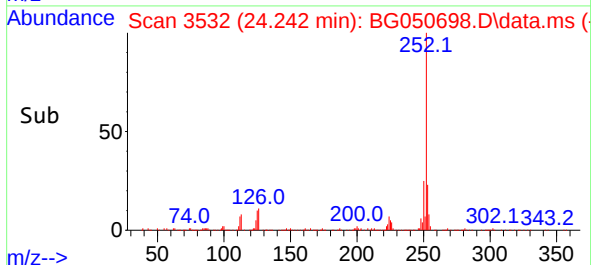
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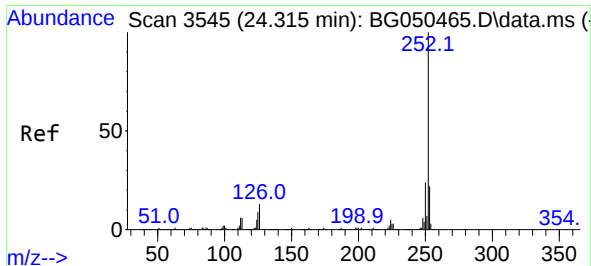


#88
Benzo(b)fluoranthene
Concen: 21.284 ng
RT: 24.242 min Scan# 3532
Delta R.T. -0.003 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01



Tgt Ion:252 Resp: 257352
Ion Ratio Lower Upper
252 100
253 23.6 16.2 24.4
125 10.9 3.0 4.4#





#89

Benzo(k)fluoranthene

Concen: 6.313 ng m

RT: 24.307 min Scan# 3543

Delta R.T. -0.009 min

Lab File: BG050698.D

Acq: 22 Oct 2021 21:01

Tgt Ion:	252	Resp:	75093
Ion Ratio	Lower	Upper	
252	100		
253	24.8	18.0	27.0
125	10.7	3.1	4.7#

Instrument :

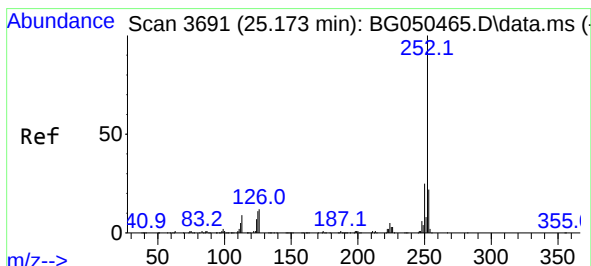
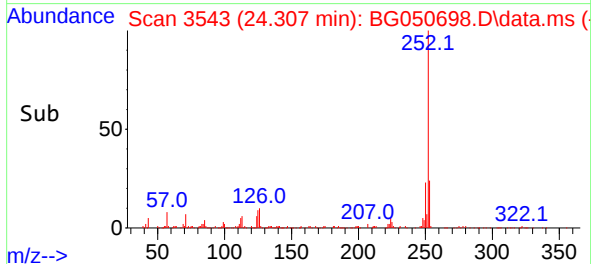
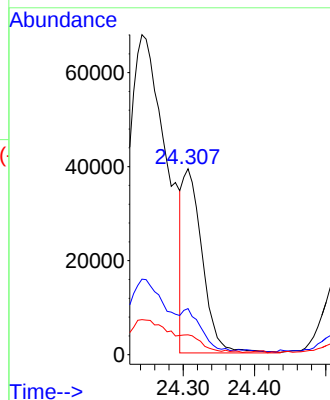
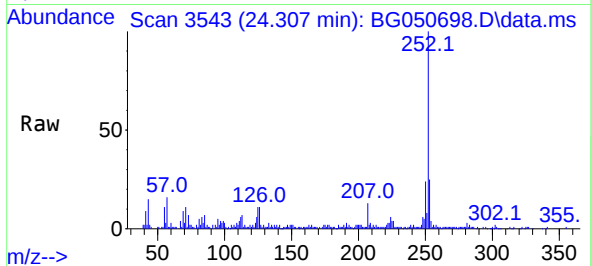
BNA_G

ClientSampled :

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#90

Benzo(a)pyrene

Concen: 17.590 ng

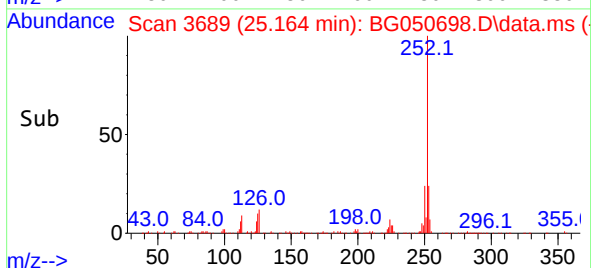
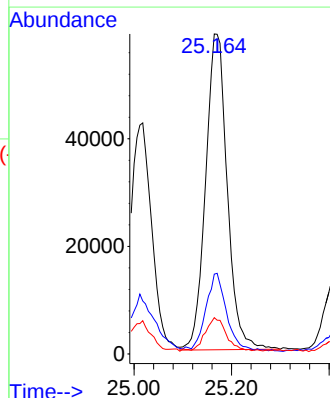
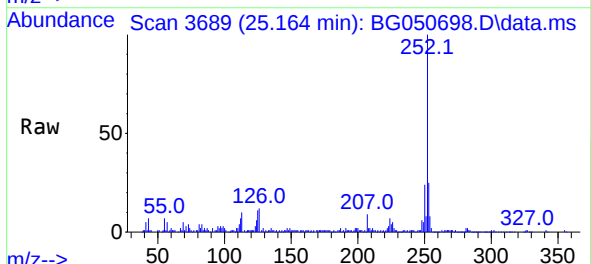
RT: 25.164 min Scan# 3689

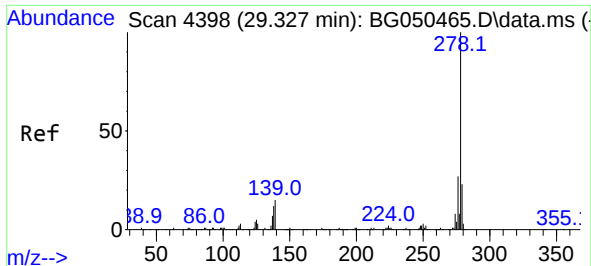
Delta R.T. -0.009 min

Lab File: BG050698.D

Acq: 22 Oct 2021 21:01

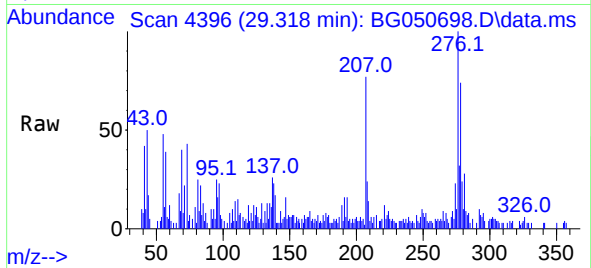
Tgt Ion:	252	Resp:	180831
Ion Ratio	Lower	Upper	
252	100		
253	24.9	16.6	25.0
125	11.4	3.5	5.3#





#91
Dibenzo(a,h)anthracene
Concen: 2.472 ng m
RT: 29.318 min Scan# 4396
Delta R.T. -0.015 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01

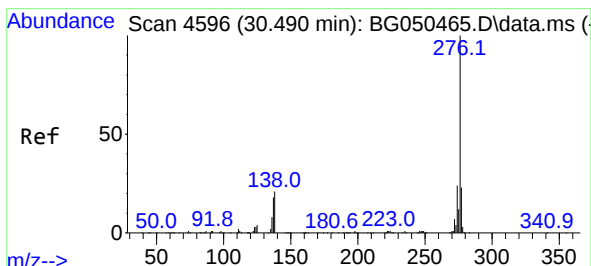
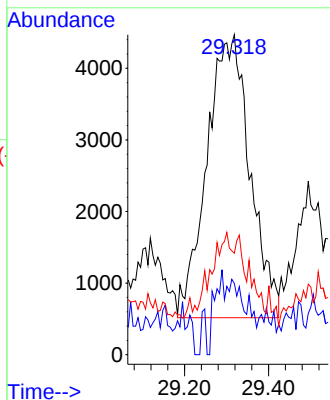
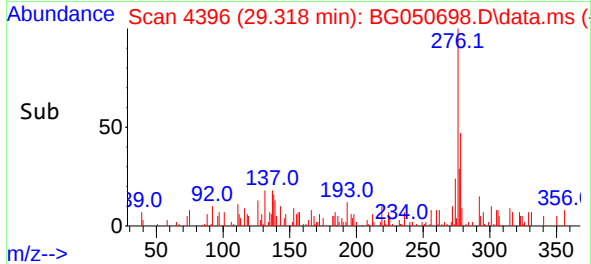
Instrument :
BNA_G
ClientSampled :
MH-FB-(1)



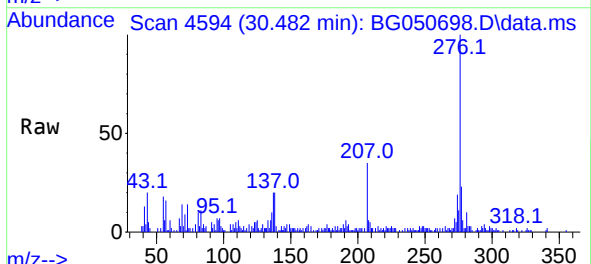
Tgt Ion:278 Resp: 28117
Ion Ratio Lower Upper
278 100
139 22.3 4.6 6.8#
279 31.7 17.9 26.9#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 8.745 ng
RT: 30.482 min Scan# 4594
Delta R.T. -0.015 min
Lab File: BG050698.D
Acq: 22 Oct 2021 21:01



Tgt Ion:276 Resp: 97412
Ion Ratio Lower Upper
276 100
277 22.9 18.4 27.6
138 20.4 7.0 10.6#

