

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
 Data File : BG048406.D
 Acq On : 17 Mar 2021 20:30
 Operator : CG/JU
 Sample : M1692-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-02-069-A

Manual Integrations
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Quant Time: Mar 18 00:19:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 16 16:05:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	70717	20.00	ng	# 0.00
21) Naphthalene-d8	10.936	136	275803	20.00	ng	# 0.00
39) Acenaphthene-d10	14.755	164	201139	20.00	ng	0.00
64) Phenanthrene-d10	17.505	188	417592	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	397797	20.00	ng	# 0.00
86) Perylene-d12	25.143	264	411307	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.665	112	430124	104.47	ng	0.00
7) Phenol-d6	7.258	99	598785	98.72	ng	0.00
23) Nitrobenzene-d5	9.279	82	456440	73.53	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	276254	107.35	ng	0.00
45) 2-Fluorobiphenyl	13.380	172	895305	62.73	ng	0.00
79) Terphenyl-d14	20.113	244	1216630	59.11	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.287	94	13680	2.21	ng	# 52
50) Dimethylphthalate	14.197	163	57255	3.70	ng	97
71) Phenanthrene	17.546	178	77538	3.52	ng	96
75) Fluoranthene	19.555	202	236325	8.10	ng	95
78) Pyrene	19.913	202	223462	8.44	ng	97
81) Benzo(a)anthracene	21.776	228	160901	5.84	ng	99
83) Chrysene	21.841	228	145133	5.52	ng	98
87) Indeno(1,2,3-cd)pyrene	28.968	276	95598	3.03	ng	# 83
88) Benzo(b)fluoranthene	24.079	252	197953m	6.90	ng	
89) Benzo(k)fluoranthene	24.144	252	82598m	3.00	ng	
90) Benzo(a)pyrene	24.972	252	152023m	5.75	ng	
92) Benzo(g,h,i)perylene	30.166	276	86123	3.30	ng	# 92

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

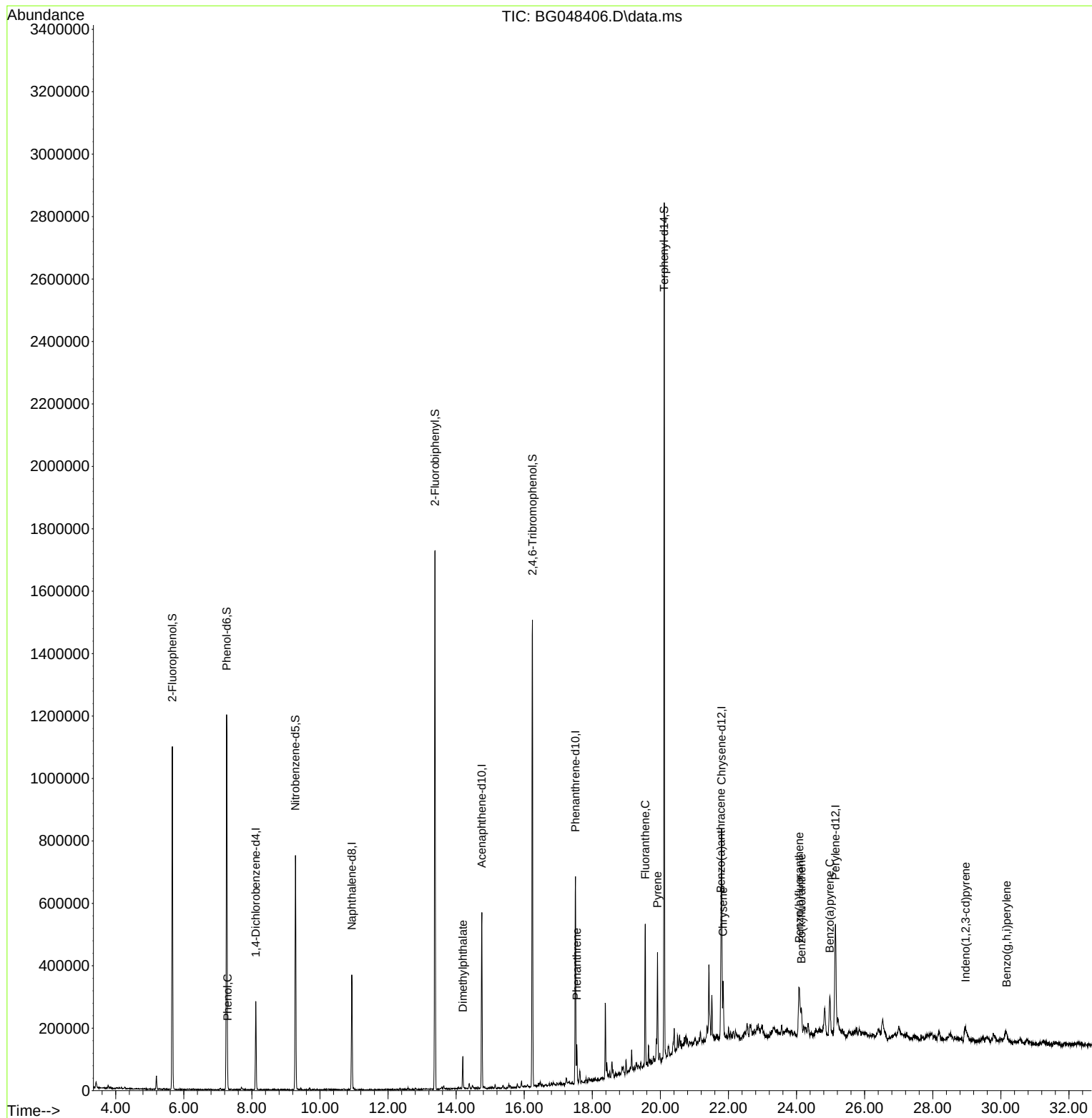
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Data File : BG048406.D
Acq On : 17 Mar 2021 20:30
Operator : CG/JU
Sample : M1692-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

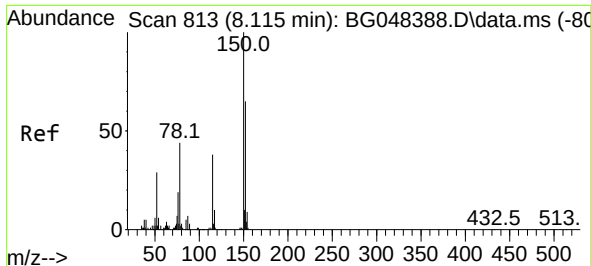
Instrument :
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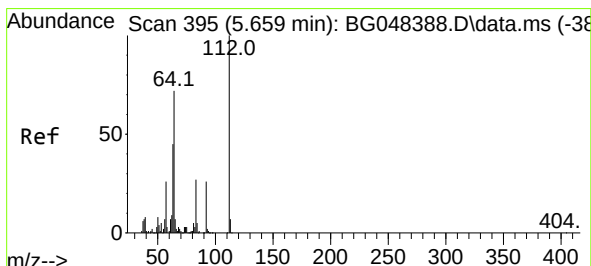
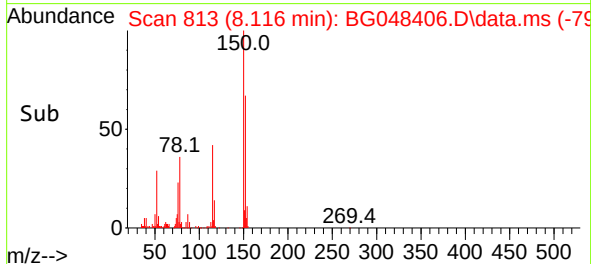
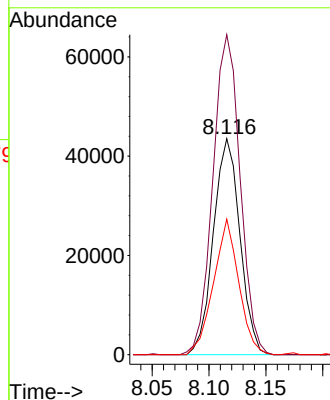
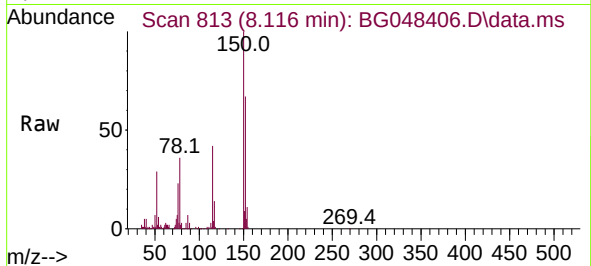
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.116 min Scan# 813
Delta R.T. 0.001 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

Tgt Ion:152 Resp: 70717
Ion Ratio Lower Upper
152 100
150 148.2 125.0 187.6
115 62.8 41.8 62.6#

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-069-A

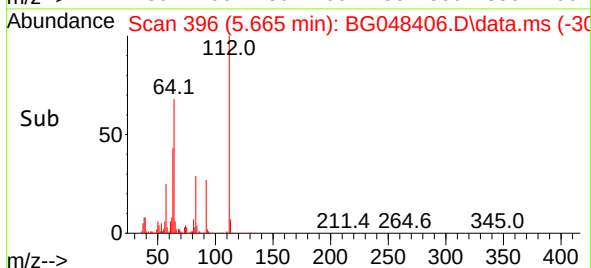
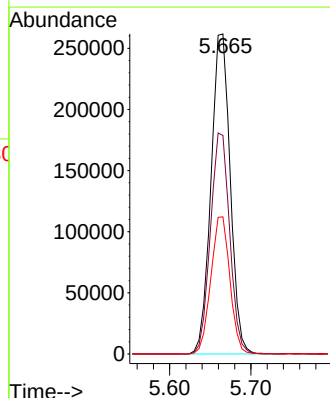
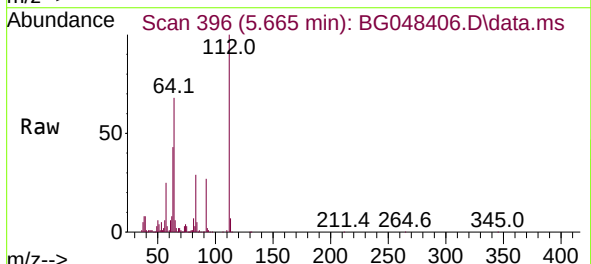
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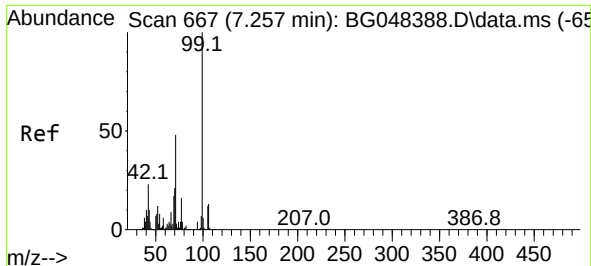
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#5
2-Fluorophenol
Concen: 104.47 ng
RT: 5.665 min Scan# 396
Delta R.T. 0.006 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

Tgt Ion:112 Resp: 430124
Ion Ratio Lower Upper
112 100
64 68.3 46.7 70.1
63 42.9 22.8 34.2#





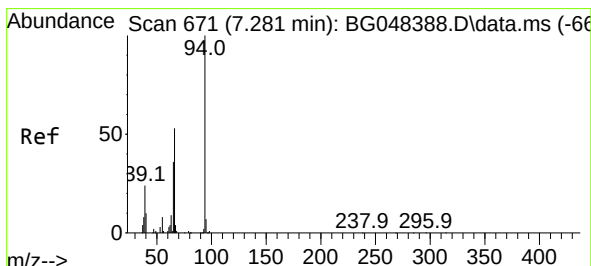
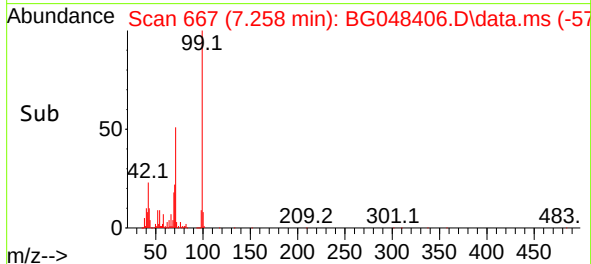
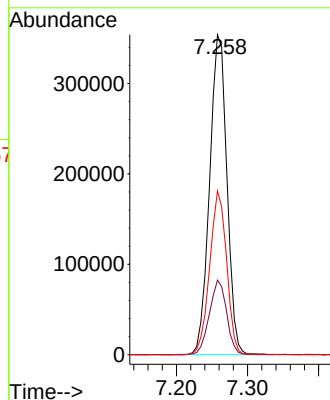
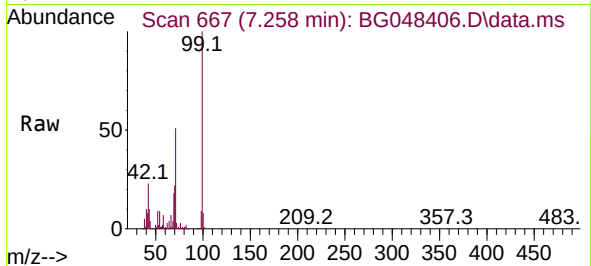
#7
Phenol-d6
Concen: 98.72 ng
RT: 7.258 min Scan# 667
Delta R.T. 0.000 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

Tgt Ion: 99 Resp: 598785
Ion Ratio Lower Upper
99 100
42 23.3 12.8 19.2#
71 51.2 24.6 36.8#

Instrument :
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ClientSampleId :
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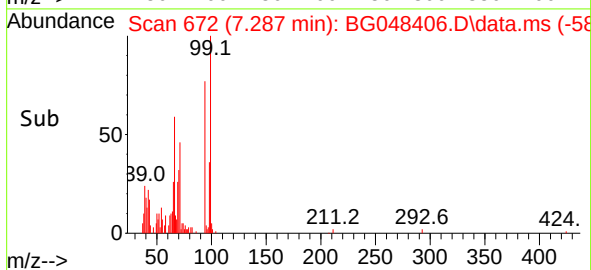
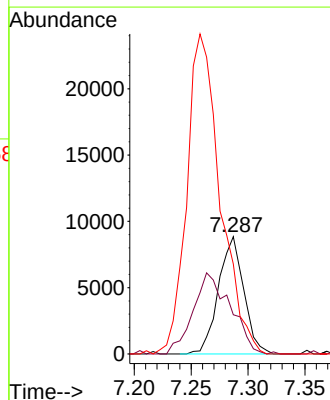
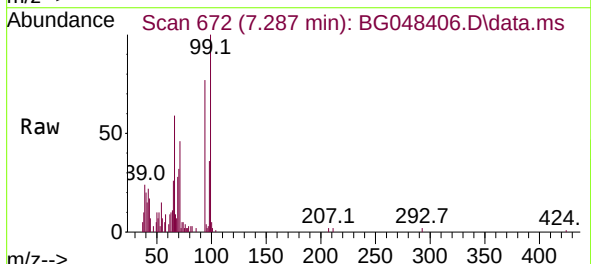
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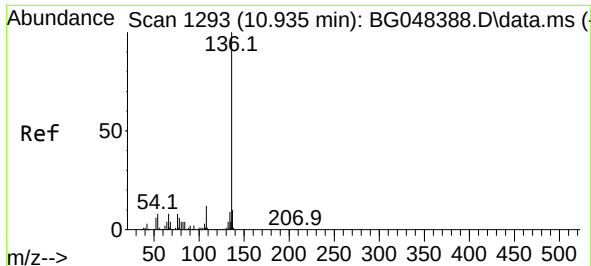
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#10
Phenol
Concen: 2.21 ng
RT: 7.287 min Scan# 672
Delta R.T. 0.006 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

Tgt Ion: 94 Resp: 13680
Ion Ratio Lower Upper
94 100
65 33.5 6.6 46.6
66 76.7 13.9 53.9#





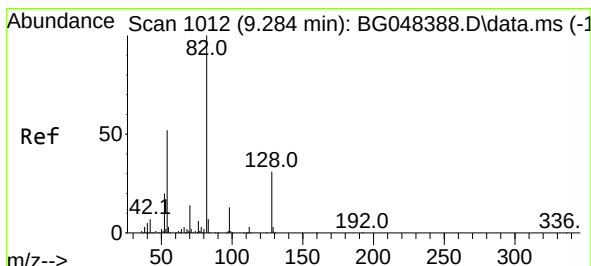
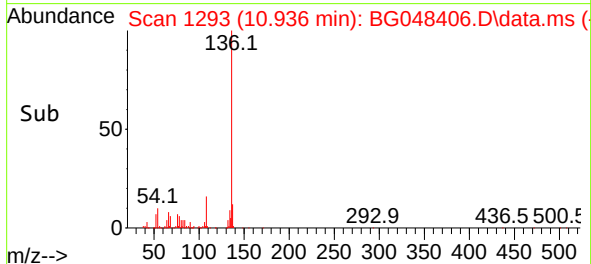
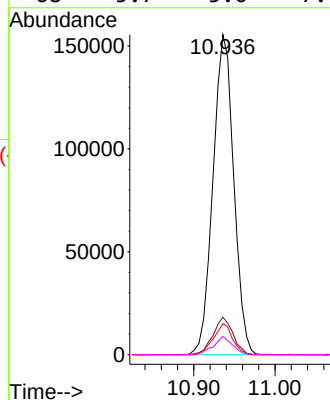
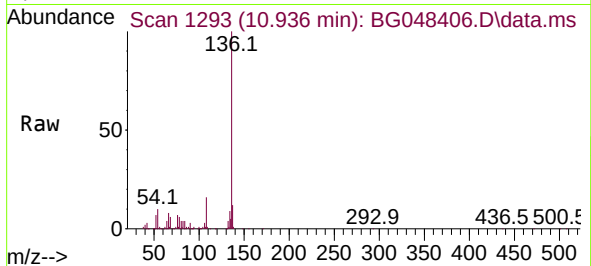
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.936 min Scan# 1293
Delta R.T. 0.001 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

Tgt Ion:	136	Resp:	275803
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.1	13.7
54	9.7	6.2	9.4#
68	5.7	5.0	7.4

Instrument :
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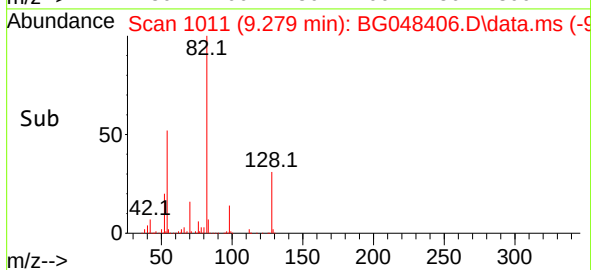
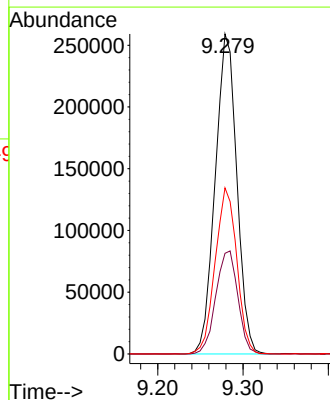
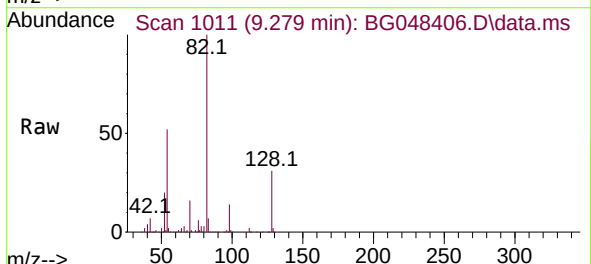
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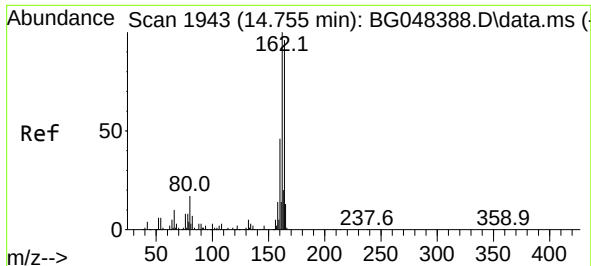
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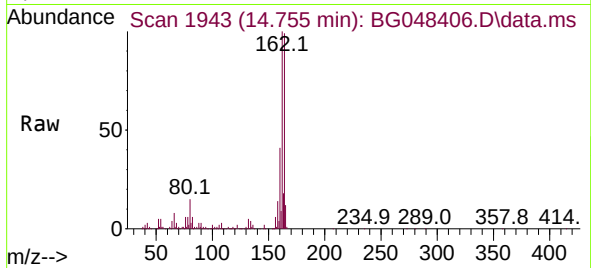
#23
Nitrobenzene-d5
Concen: 73.53 ng
RT: 9.279 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

Tgt Ion:	82	Resp:	456440
Ion Ratio	Lower	Upper	
82	100		
128	31.5	37.0	55.6#
54	51.9	39.0	58.4

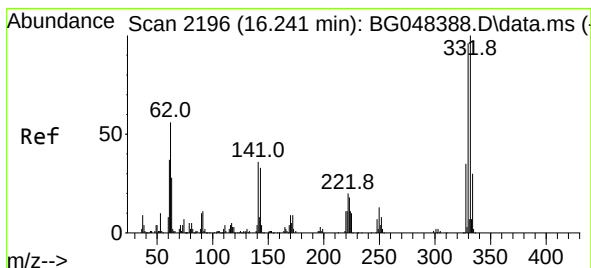
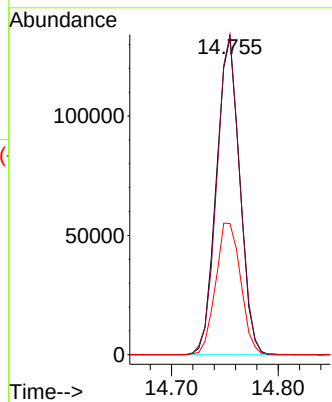
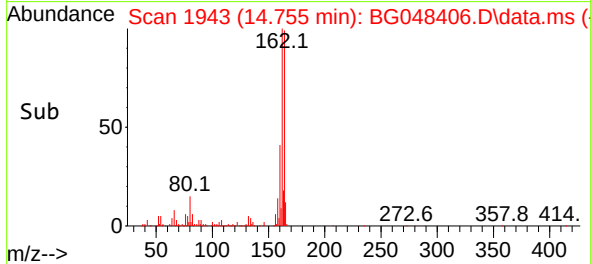




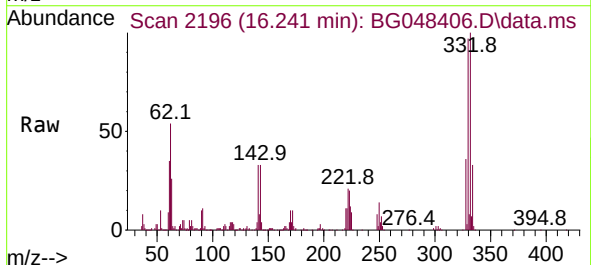
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.755 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30



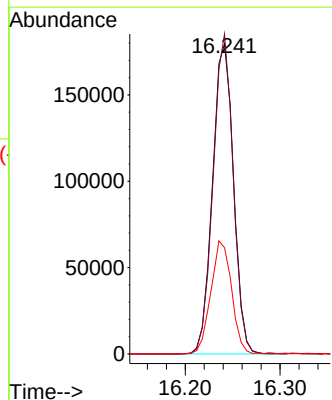
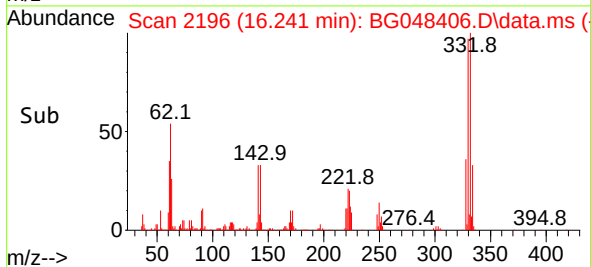
Tgt Ion:164 Resp: 201139
Ion Ratio Lower Upper
164 100
162 101.1 82.3 123.5
160 41.4 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 107.35 ng
RT: 16.241 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30



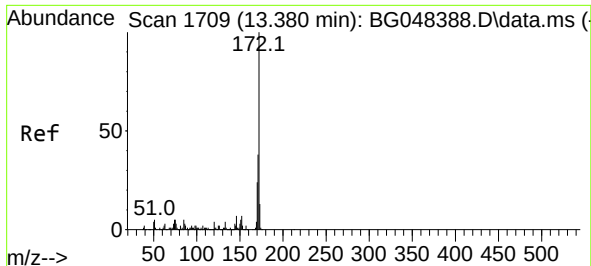
Tgt Ion:330 Resp: 276254
Ion Ratio Lower Upper
330 100
332 98.8 76.5 114.7
141 36.0 26.0 39.0



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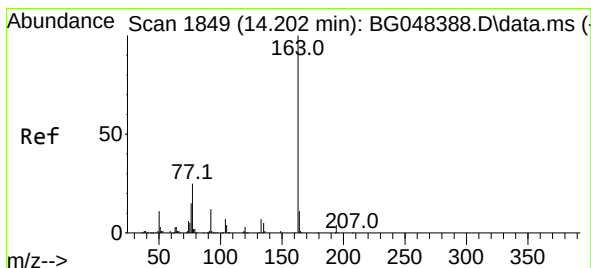
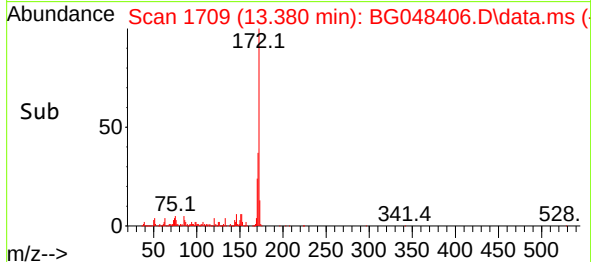
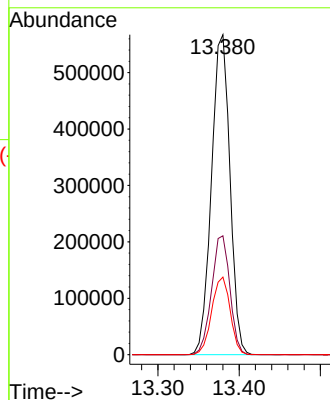
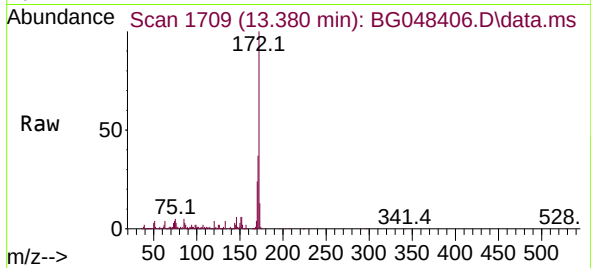
#45
2-Fluorobiphenyl
Concen: 62.73 ng
RT: 13.380 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

Tgt Ion:	172	Resp:	895305
Ion Ratio	Lower	Upper	
172	100		
171	37.2	31.3	46.9
170	24.3	20.8	31.2

Instrument :
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ClientSampleId :
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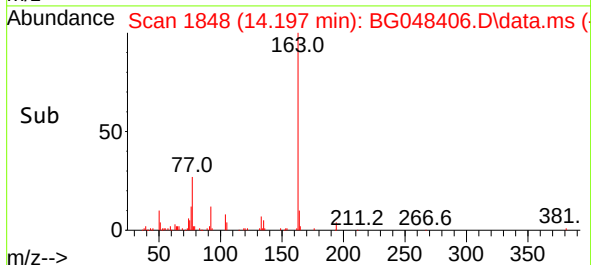
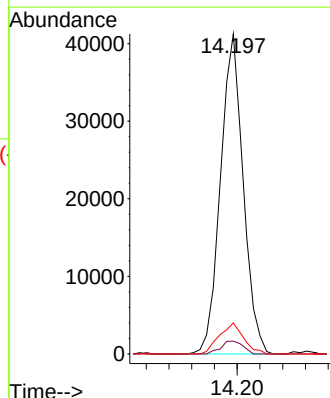
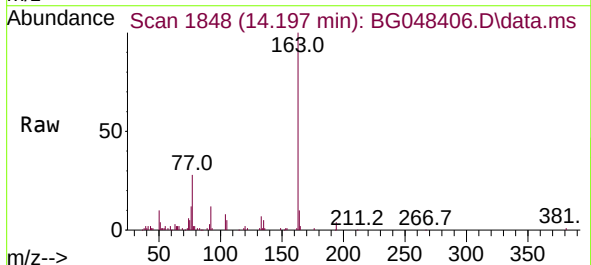
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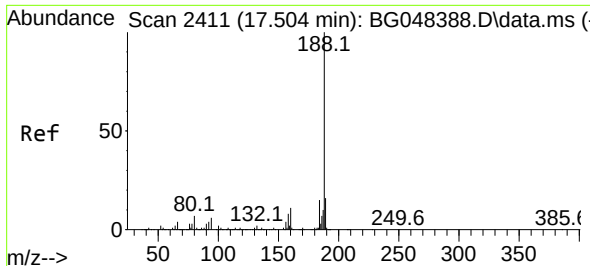
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#50
Dimethylphthalate
Concen: 3.70 ng
RT: 14.197 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

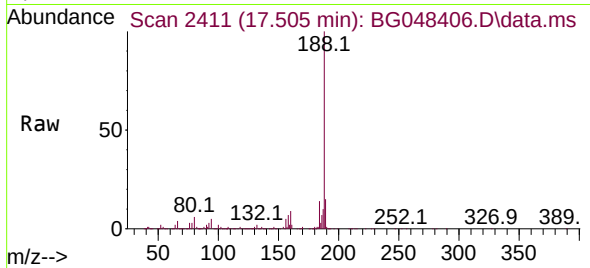
Tgt Ion:	163	Resp:	57255
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.8	5.8
164	9.7	8.8	13.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.505 min Scan# 2411
Delta R.T. 0.001 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

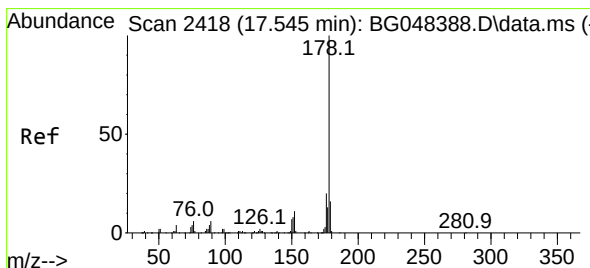
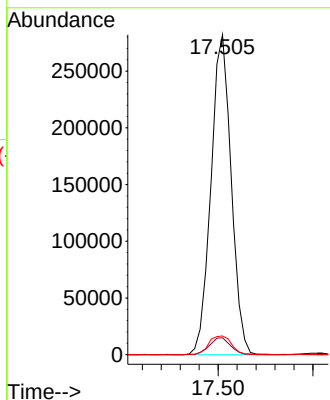
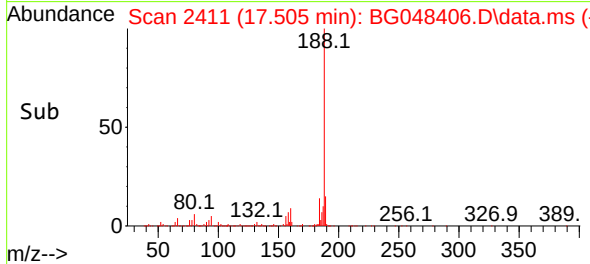
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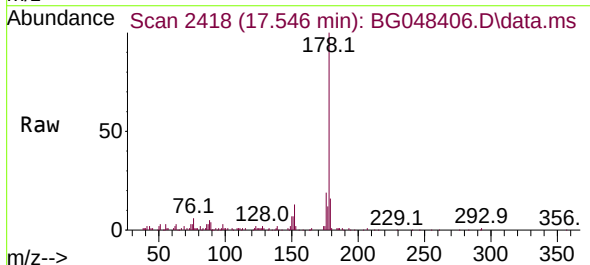
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Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 5.9 7.0 10.6#

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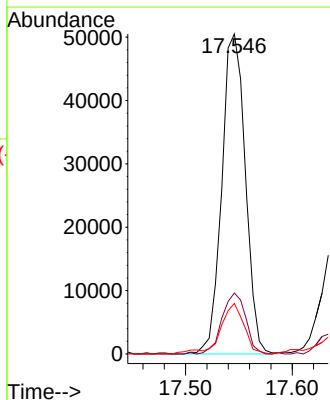
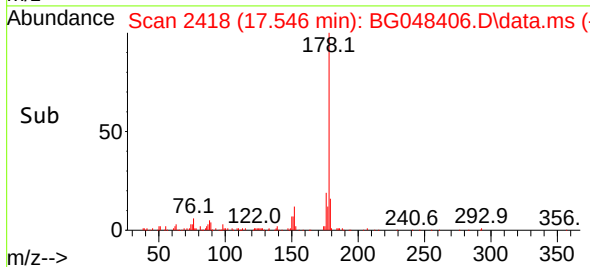
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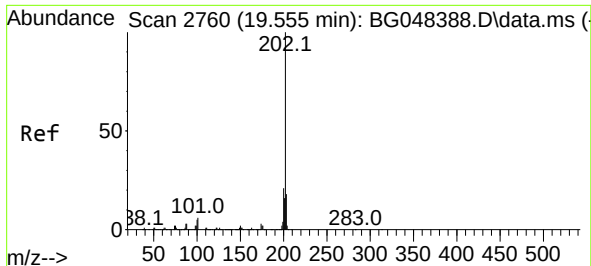


#71
Phenanthrene
Concen: 3.52 ng
RT: 17.546 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

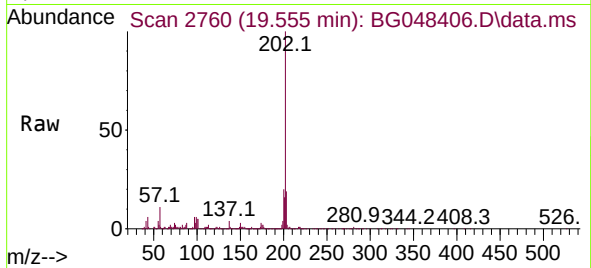


Tgt Ion:178 Resp: 77538
Ion Ratio Lower Upper
178 100
176 19.1 16.7 25.1
179 15.8 14.0 21.0

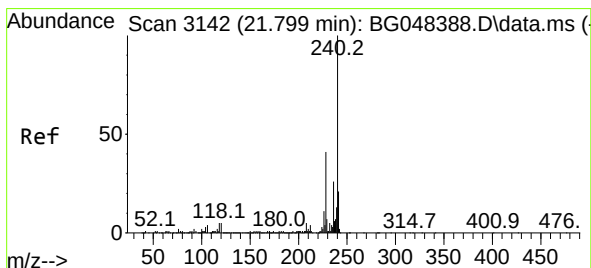
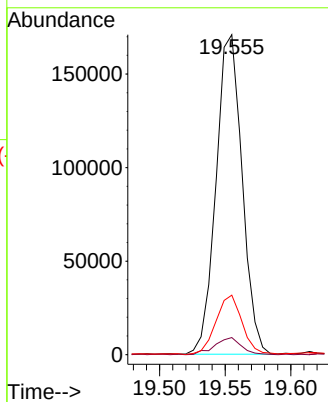
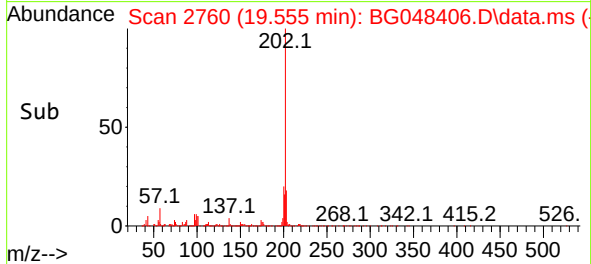




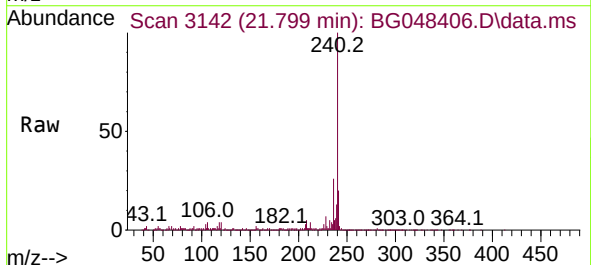
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Fluoranthene
Concen: 8.10 ng
RT: 19.555 min Scan# 2760
Delta R.T. 0.000 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30



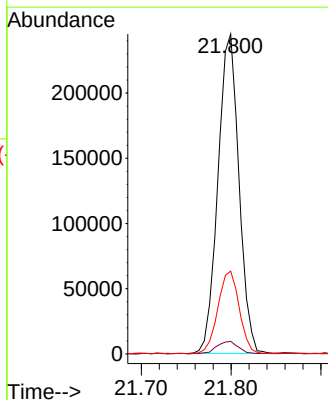
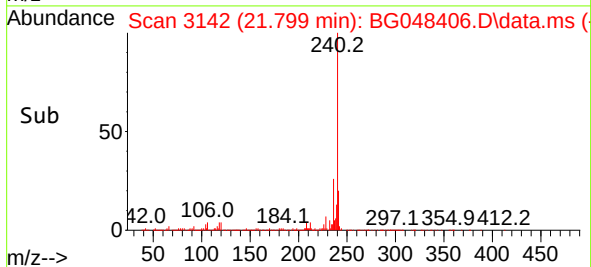
Tgt Ion:202 Resp: 236325
Ion Ratio Lower Upper
202 100
101 5.3 0.0 29.7
203 18.6 0.0 39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30



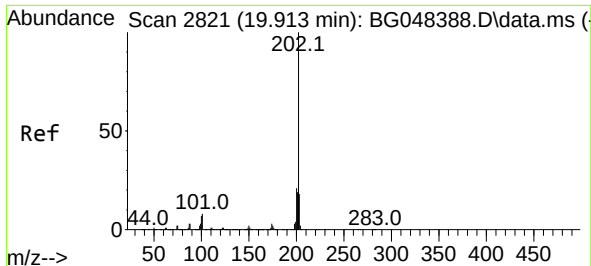
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Ion Ratio Lower Upper
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120 4.0 6.2 9.4#
236 25.9 20.5 30.7



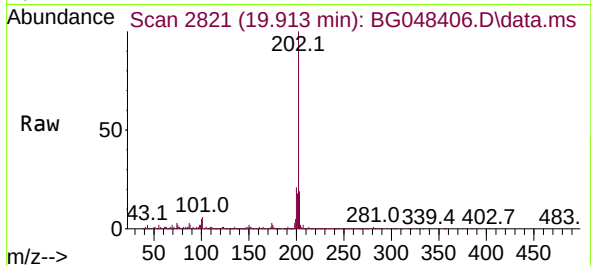
Instrument :
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ClientSampleId :
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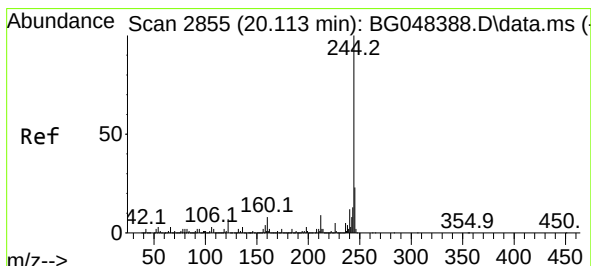
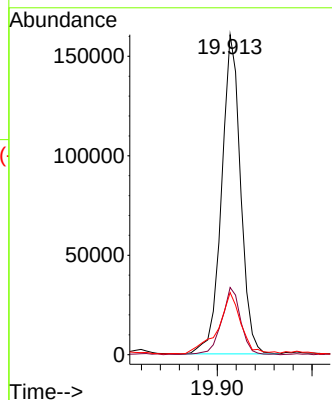
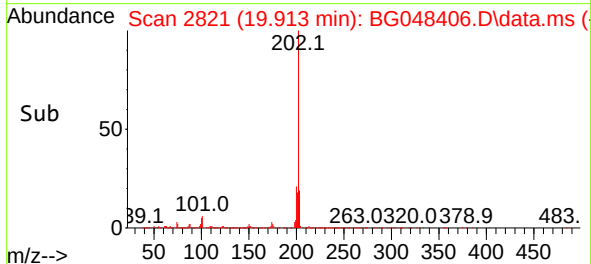
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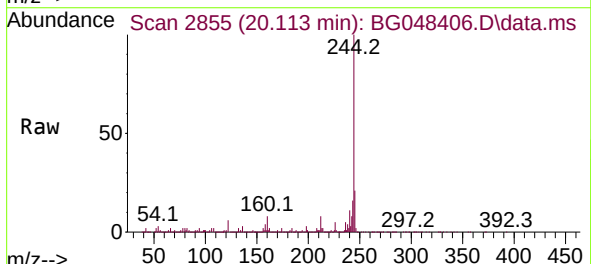
#78
Pyrene
Concen: 8.44 ng
RT: 19.913 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30



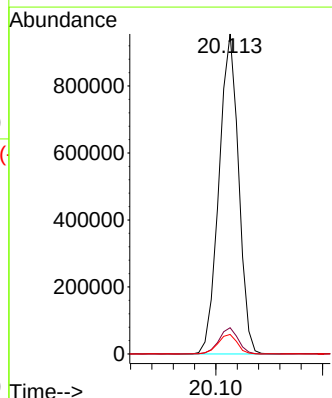
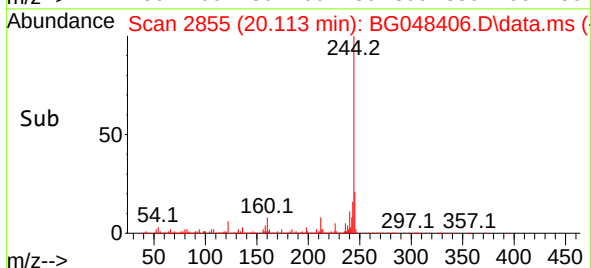
Tgt Ion:202 Resp: 223462
Ion Ratio Lower Upper
202 100
200 21.0 18.6 27.8
203 19.4 15.3 22.9



#79
Terphenyl-d14
Concen: 59.11 ng
RT: 20.113 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30



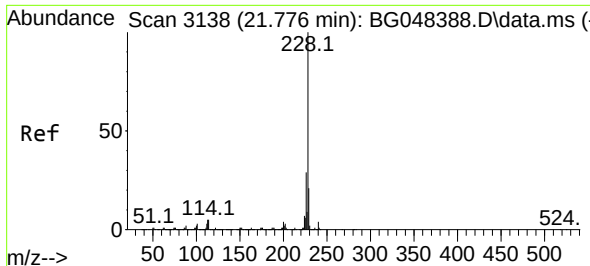
Tgt Ion:244 Resp: 1216630
Ion Ratio Lower Upper
244 100
212 8.2 6.7 10.1
122 6.1 7.8 11.6#



Instrument :
BNA_G
ClientSampleId :
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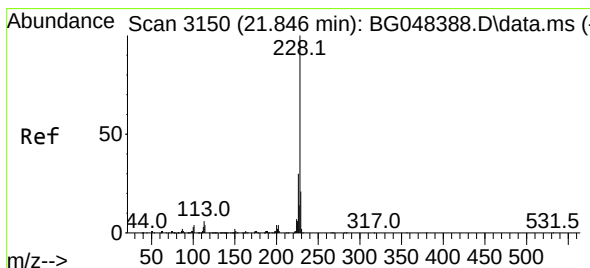
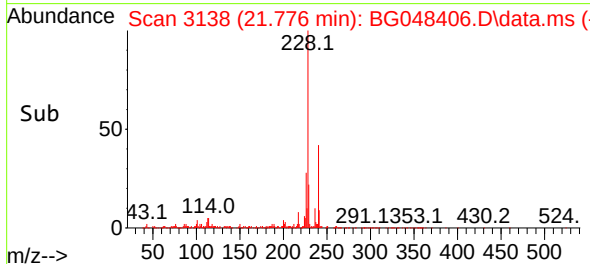
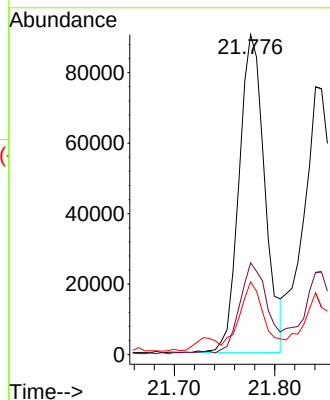
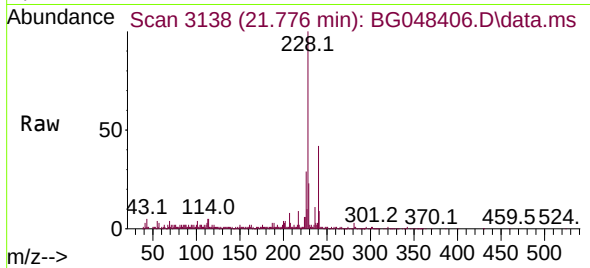
#81
Benzo(a)anthracene
Concen: 5.84 ng
RT: 21.776 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

Tgt Ion:228 Resp: 160901
Ion Ratio Lower Upper
228 100
226 28.7 23.3 34.9
229 22.8 17.4 26.0

Instrument :
BNA_G
ClientSampleId :
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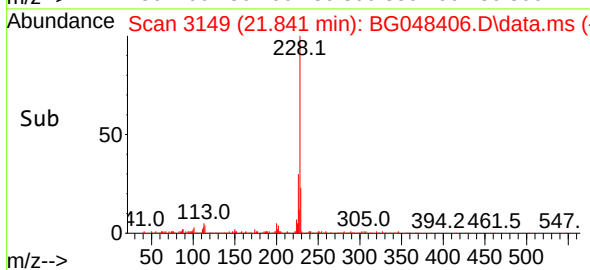
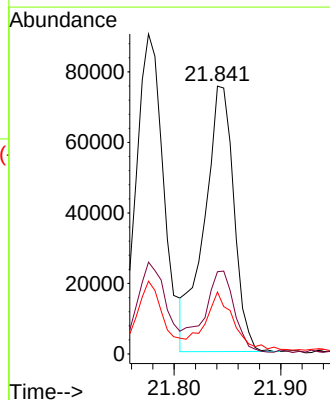
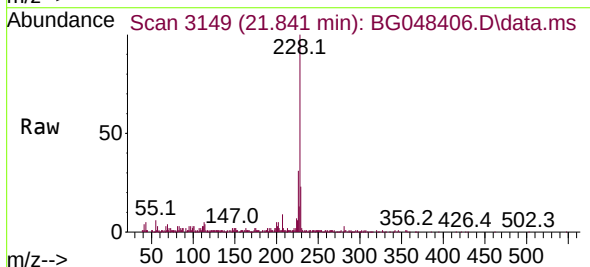
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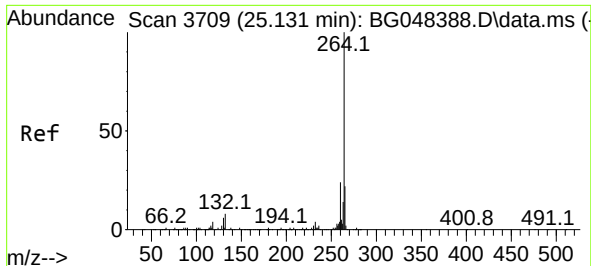
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#83
Chrysene
Concen: 5.52 ng
RT: 21.841 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

Tgt Ion:228 Resp: 145133
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.4
229 23.1 17.3 25.9





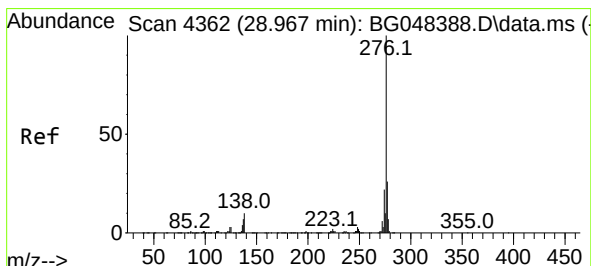
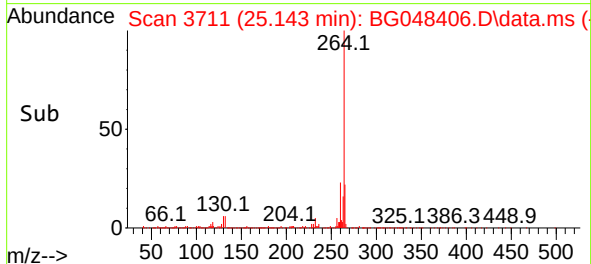
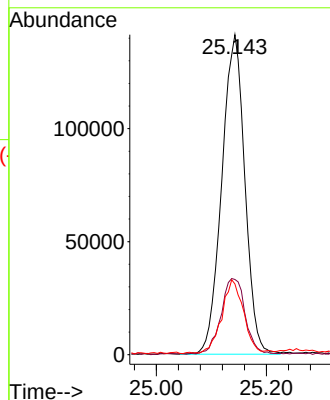
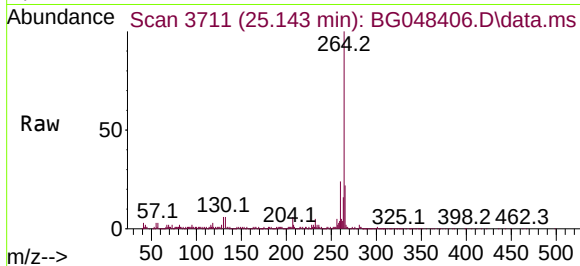
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.143 min Scan# 3711
Delta R.T. 0.012 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

Tgt Ion: 264 Resp: 411307
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 22.1 17.8 26.8

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-069-A

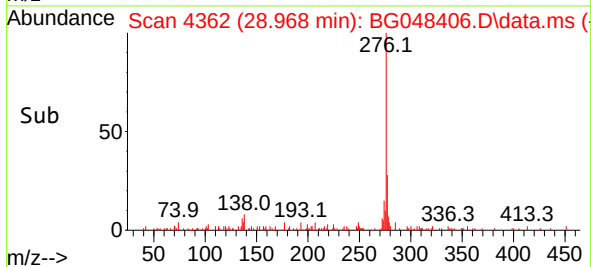
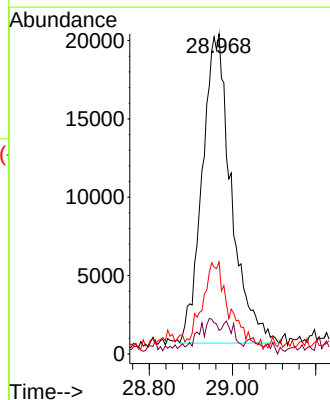
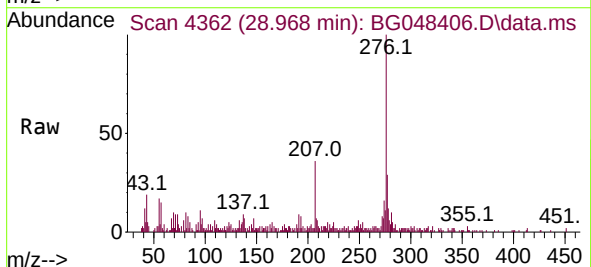
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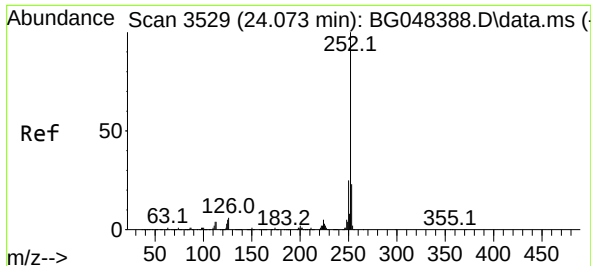
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.03 ng
RT: 28.968 min Scan# 4362
Delta R.T. 0.000 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

Tgt Ion: 276 Resp: 95598
Ion Ratio Lower Upper
276 100
138 3.0 16.2 24.2#
277 25.6 20.3 30.5





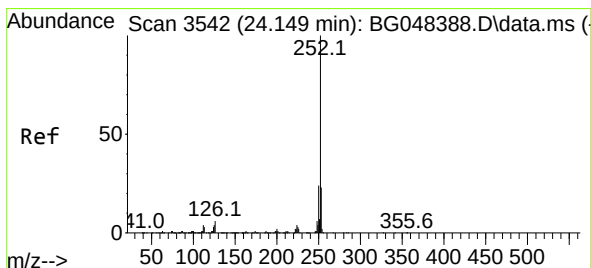
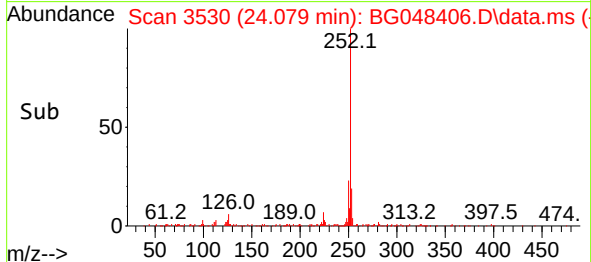
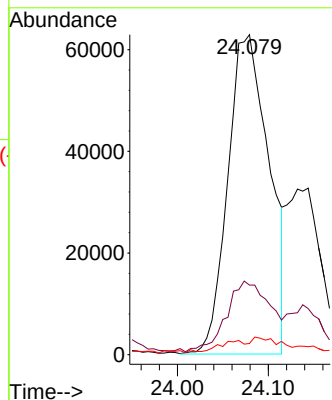
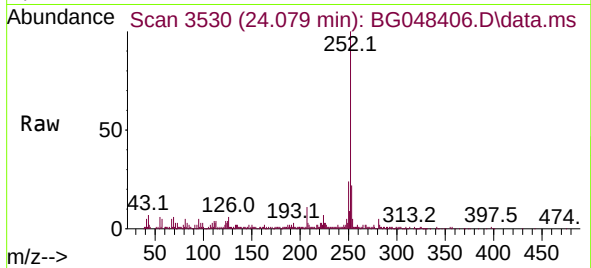
#88
Benzo(b)fluoranthene
Concen: 6.90 ng m
RT: 24.079 min Scan# 3530
Delta R.T. 0.006 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

Tgt Ion:252 Resp: 197953
Ion Ratio Lower Upper
252 100
253 21.7 18.7 28.1
125 3.5 6.5 9.7#

Instrument :
BNA_G
ClientSampleId :
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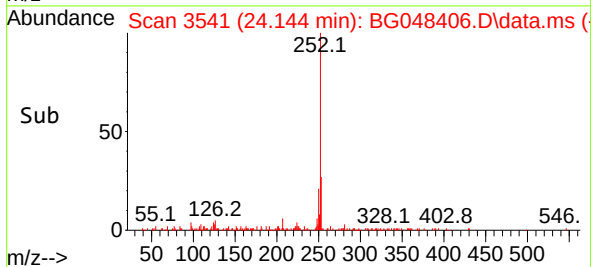
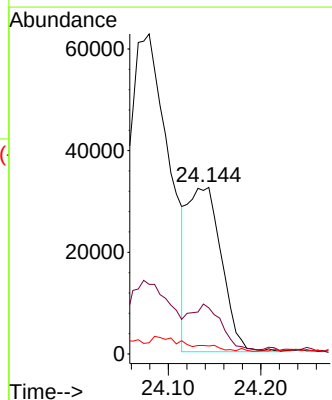
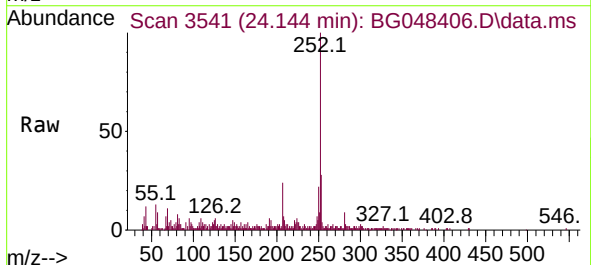
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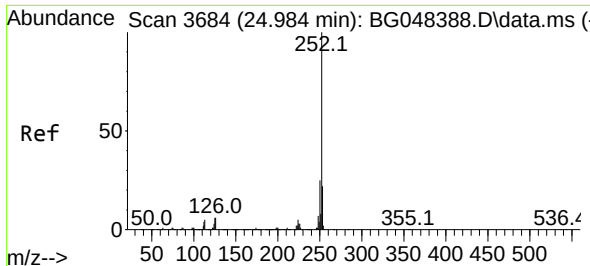
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#89
Benzo(k)fluoranthene
Concen: 3.00 ng m
RT: 24.144 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

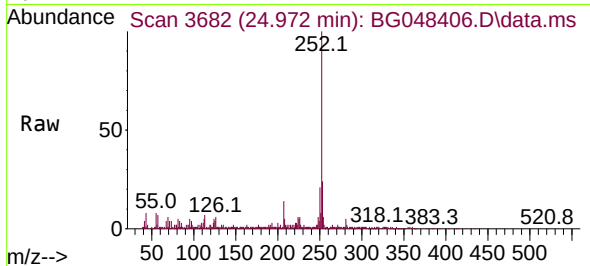
Tgt Ion:252 Resp: 82598
Ion Ratio Lower Upper
252 100
253 27.7 18.6 27.8
125 4.8 6.8 10.2#





#90
Benzo(a)pyrene
Concen: 5.75 ng m
RT: 24.972 min Scan# 3682
Delta R.T. -0.011 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30

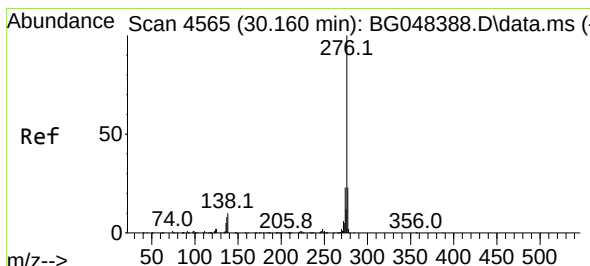
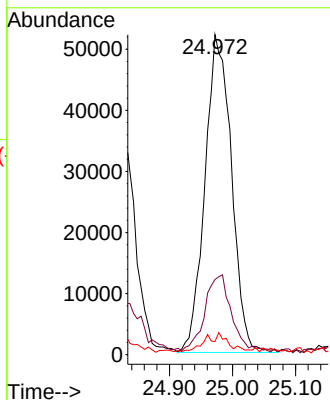
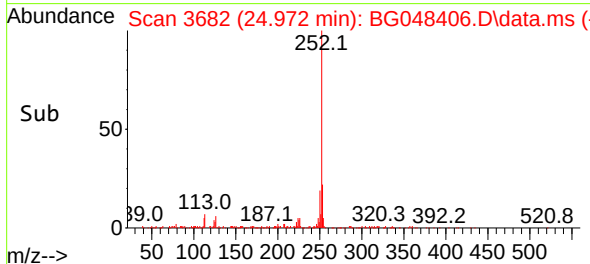
Instrument :
BNA_G
ClientSampleId :
FK-GF-02-069-A



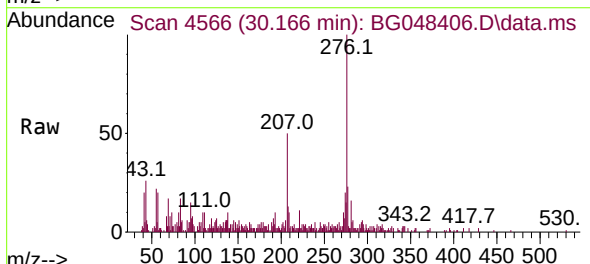
Tgt Ion:252 Resp: 152023
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 4.1 7.0 10.4#

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#92
Benzo(g,h,i)perylene
Concen: 3.30 ng
RT: 30.166 min Scan# 4566
Delta R.T. 0.006 min
Lab File: BG048406.D
Acq: 17 Mar 2021 20:30



Tgt Ion:276 Resp: 86123
Ion Ratio Lower Upper
276 100
277 23.1 19.6 29.4
138 10.5 13.4 20.2#

