

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
 Data File : BG048407.D
 Acq On : 17 Mar 2021 21:10
 Operator : CG/JU
 Sample : M1692-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Mar 18 00:20:02 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	65801	20.00	ng	0.00
21) Naphthalene-d8	10.936	136	254230	20.00	ng	0.00
39) Acenaphthene-d10	14.755	164	185945	20.00	ng	0.00
64) Phenanthrene-d10	17.505	188	402825	20.00	ng	# 0.00
76) Chrysene-d12	21.800	240	377588	20.00	ng	# 0.00
86) Perylene-d12	25.143	264	389907	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	394959	103.10	ng	0.00
7) Phenol-d6	7.258	99	563288	99.80	ng	0.00
23) Nitrobenzene-d5	9.279	82	427279	74.68	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	273487	114.96	ng	0.00
45) 2-Fluorobiphenyl	13.380	172	839756	63.65	ng	0.00
79) Terphenyl-d14	20.113	244	1195926	61.21	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.287	94	12990	2.26	ng	# 40
71) Phenanthrene	17.546	178	93338	4.40	ng	93
75) Fluoranthene	19.555	202	243428	8.65	ng	95
78) Pyrene	19.914	202	223861	8.90	ng	97
81) Benzo(a)anthracene	21.776	228	143649	5.49	ng	99
83) Chrysene	21.847	228	134064	5.37	ng	99
87) Indeno(1,2,3-cd)pyrene	28.956	276	86779	2.90	ng	# 57
88) Benzo(b)fluoranthene	24.079	252	182585	6.72	ng	# 95
89) Benzo(k)fluoranthene	24.132	252	70574m	2.71	ng	
90) Benzo(a)pyrene	24.978	252	137990	5.51	ng	# 96
92) Benzo(g,h,i)perylene	30.166	276	73120	2.95	ng	# 90

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

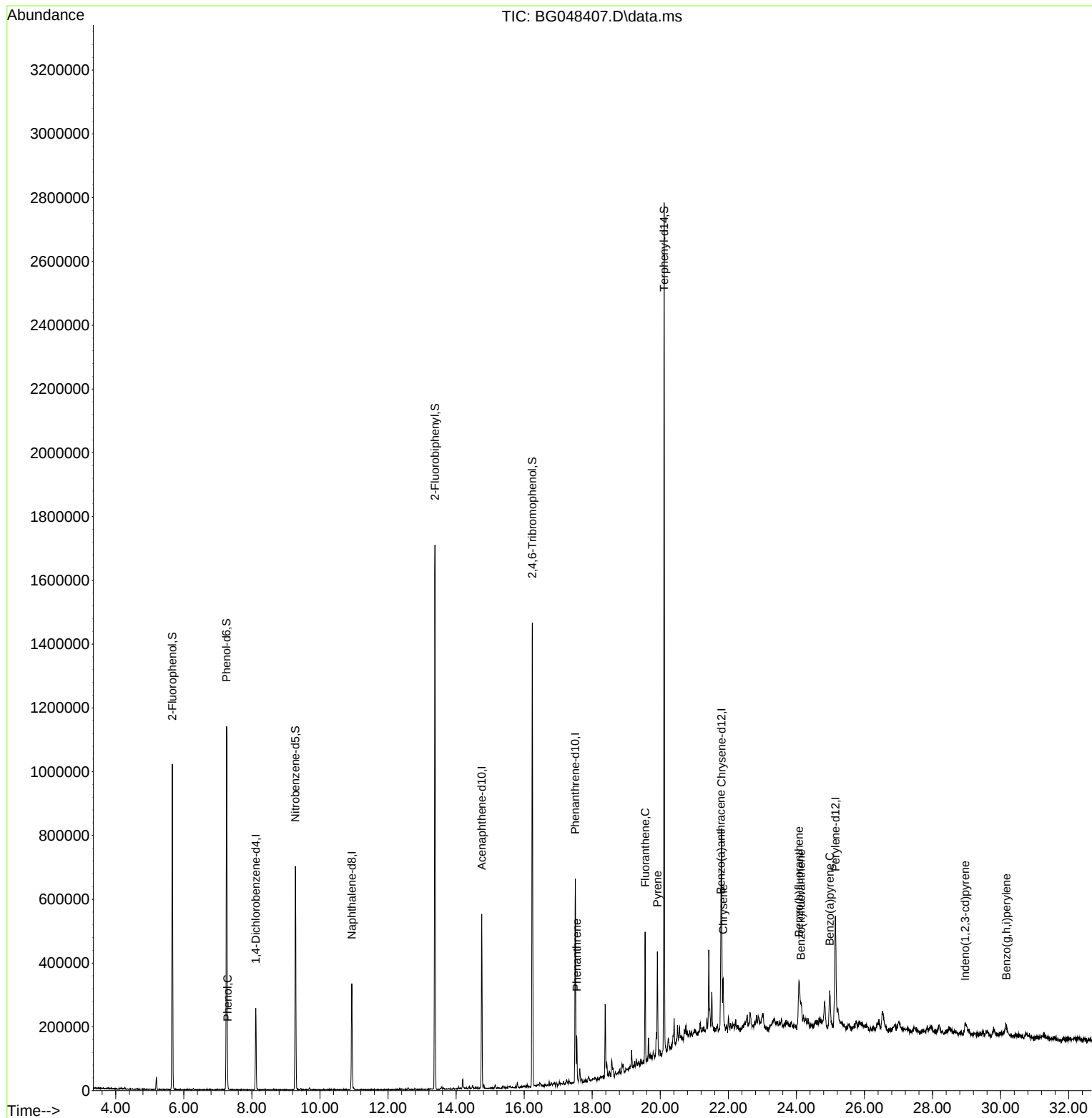
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Data File : BG048407.D
Acq On : 17 Mar 2021 21:10
Operator : CG/JU
Sample : M1692-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

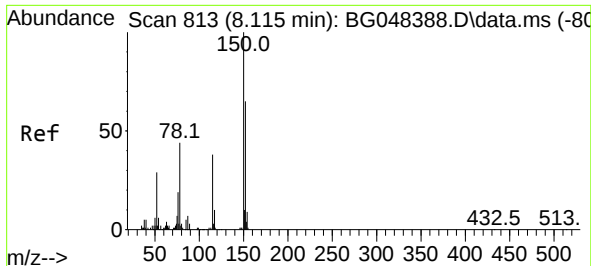
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
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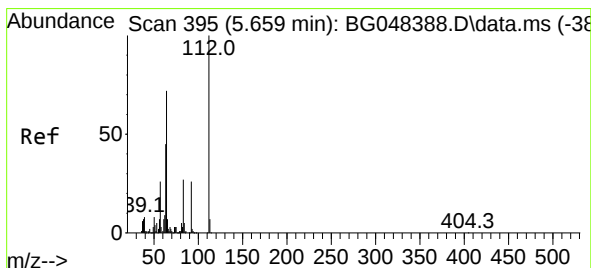
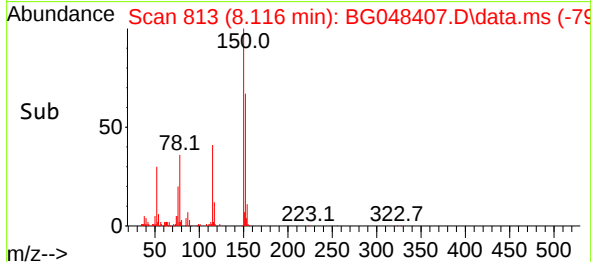
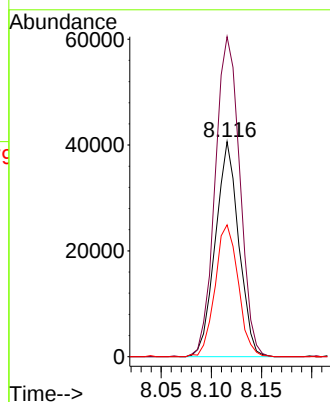
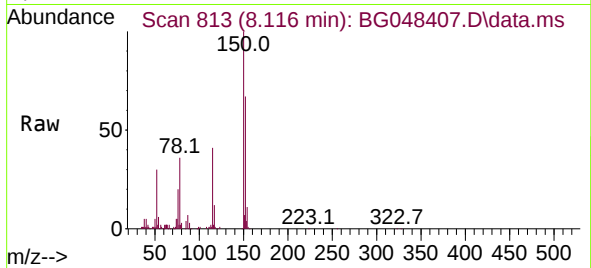
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.116 min Scan# 813
Delta R.T. 0.001 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

Tgt Ion:152 Resp: 65801
Ion Ratio Lower Upper
152 100
150 148.8 125.0 187.6
115 61.3 41.8 62.6

Instrument :
BNA_G
ClientSampleId :
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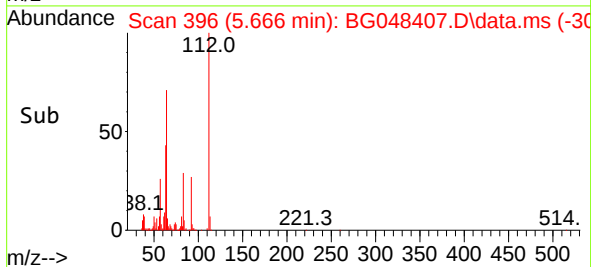
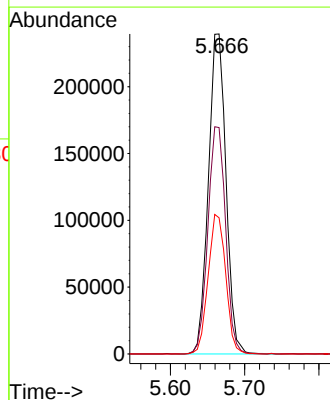
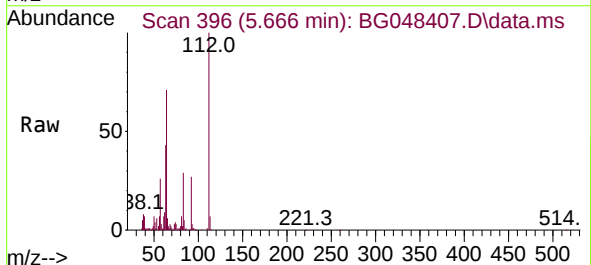
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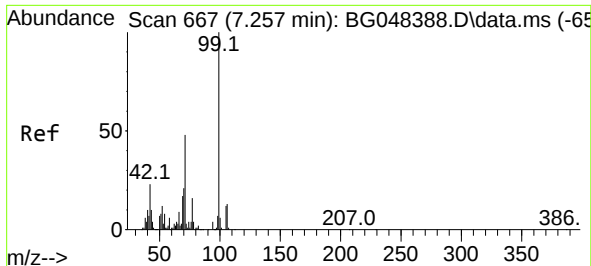
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#5
2-Fluorophenol
Concen: 103.10 ng
RT: 5.666 min Scan# 396
Delta R.T. 0.006 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

Tgt Ion:112 Resp: 394959
Ion Ratio Lower Upper
112 100
64 70.7 46.7 70.1#
63 42.5 22.8 34.2#





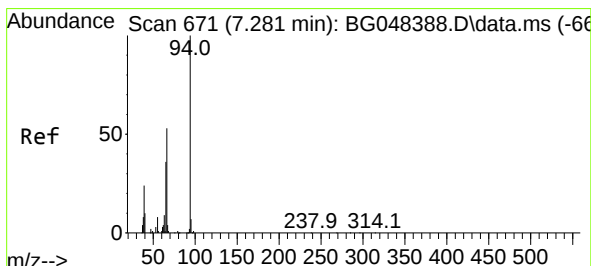
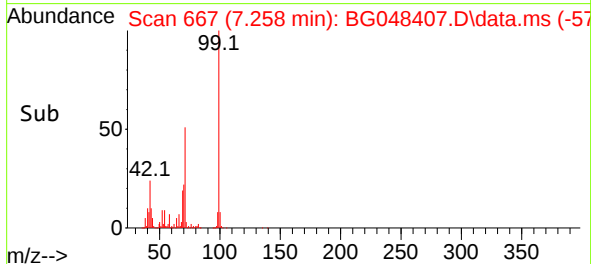
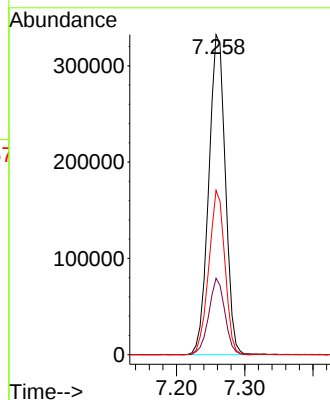
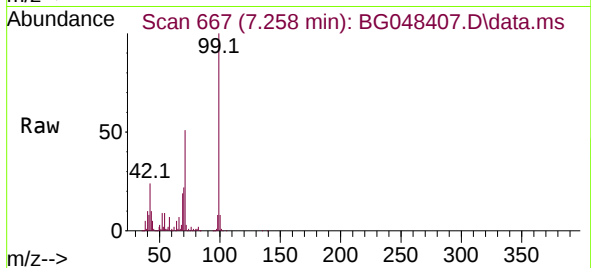
#7
Phenol-d6
Concen: 99.80 ng
RT: 7.258 min Scan# 667
Delta R.T. 0.000 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

Tgt Ion: 99 Resp: 563288
Ion Ratio Lower Upper
99 100
42 23.8 12.8 19.2#
71 51.4 24.6 36.8#

Instrument :
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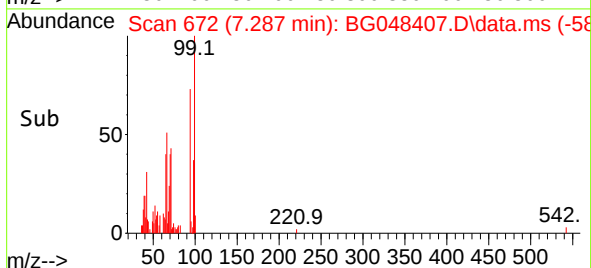
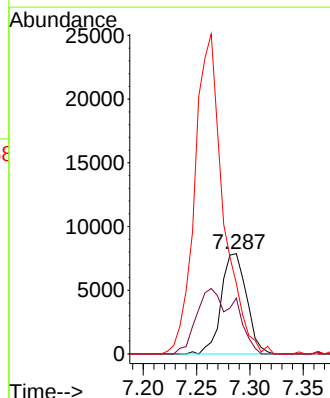
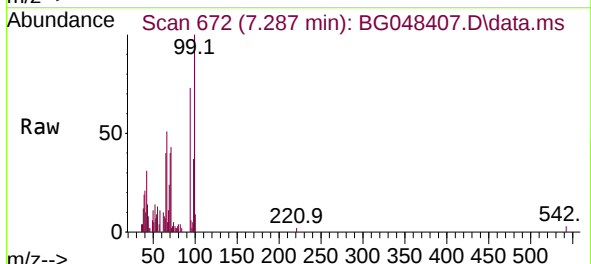
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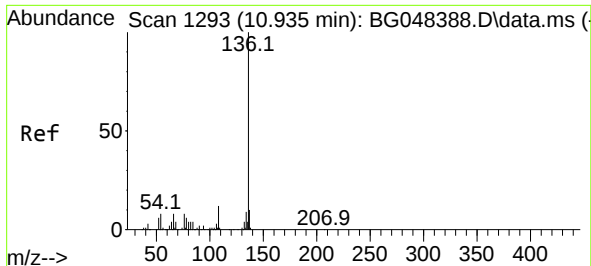
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#10
Phenol
Concen: 2.26 ng
RT: 7.287 min Scan# 672
Delta R.T. 0.006 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

Tgt Ion: 94 Resp: 12990
Ion Ratio Lower Upper
94 100
65 55.7 6.6 46.6#
66 70.1 13.9 53.9#





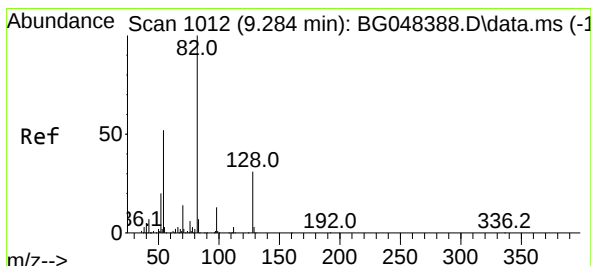
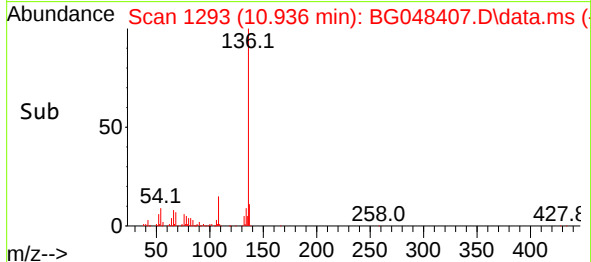
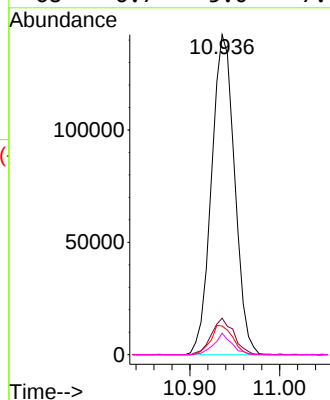
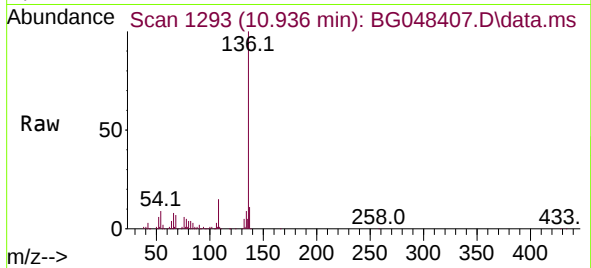
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.936 min Scan# 1293
Delta R.T. 0.001 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

Tgt Ion:	136	Resp:	254230
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	8.9	6.2	9.4
68	6.7	5.0	7.4

Instrument :
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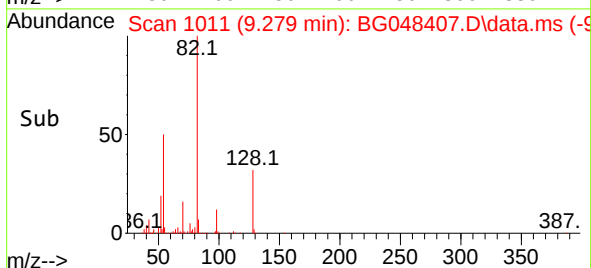
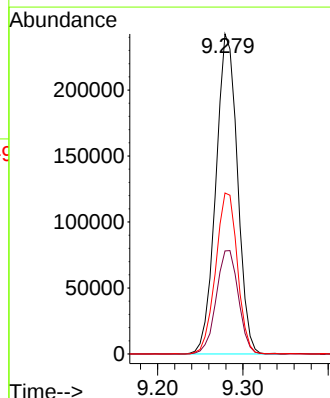
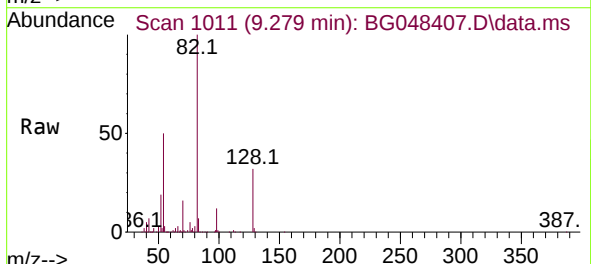
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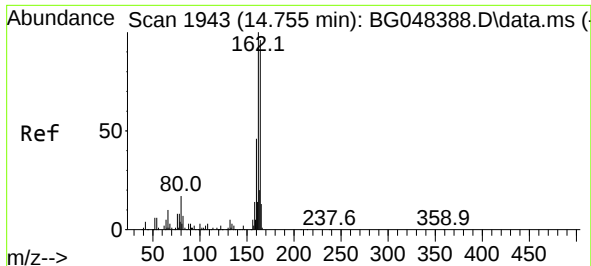
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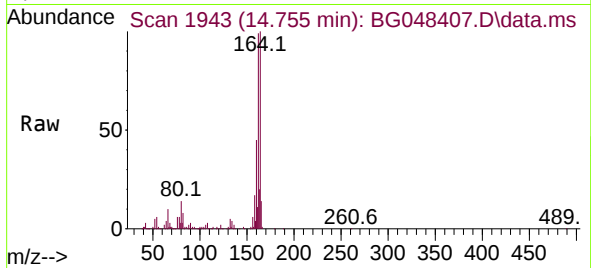
#23
Nitrobenzene-d5
Concen: 74.68 ng
RT: 9.279 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

Tgt Ion:	82	Resp:	427279
Ion Ratio	Lower	Upper	
82	100		
128	32.2	37.0	55.6#
54	50.3	39.0	58.4

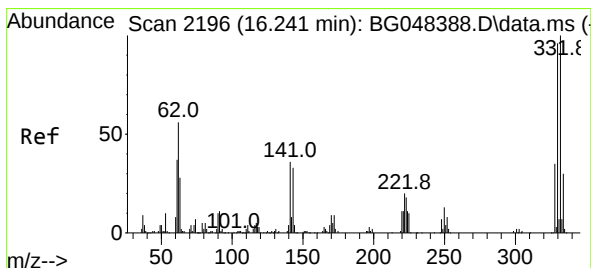
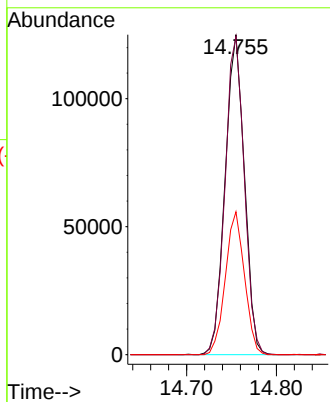
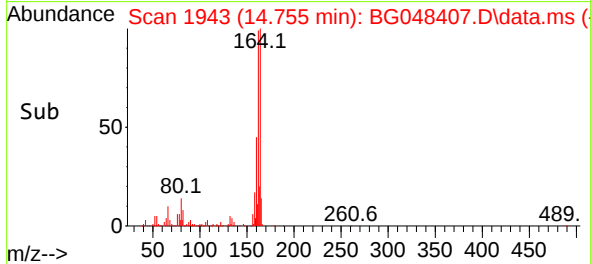




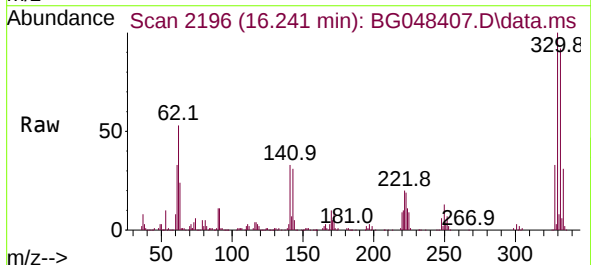
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.755 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10



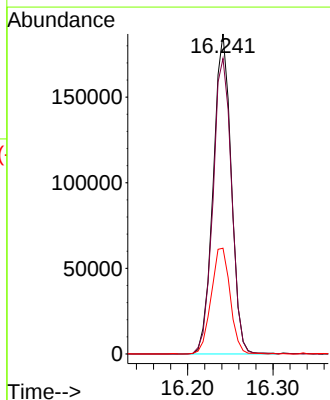
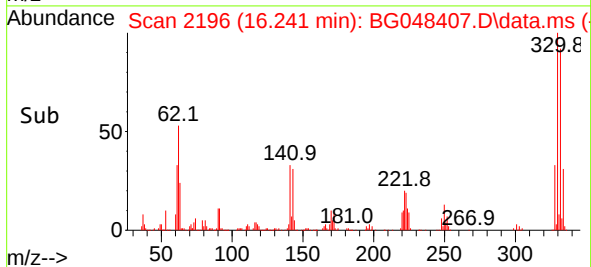
Tgt Ion:164 Resp: 185945
Ion Ratio Lower Upper
164 100
162 99.4 82.3 123.5
160 44.6 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 114.96 ng
RT: 16.241 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10



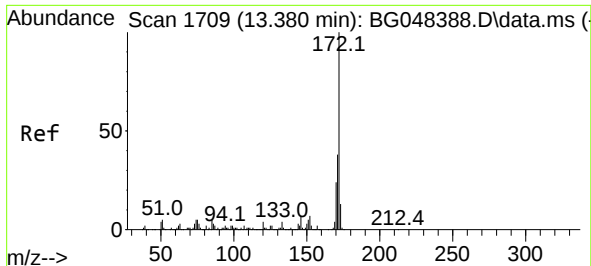
Tgt Ion:330 Resp: 273487
Ion Ratio Lower Upper
330 100
332 95.3 76.5 114.7
141 34.9 26.0 39.0



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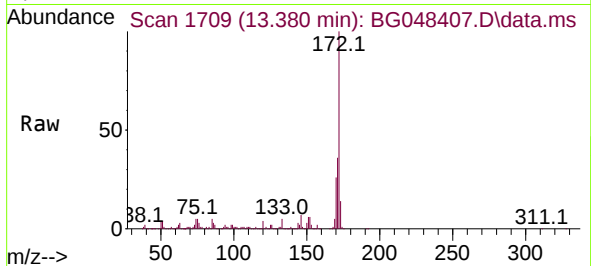
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#45
2-Fluorobiphenyl
Concen: 63.65 ng
RT: 13.380 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

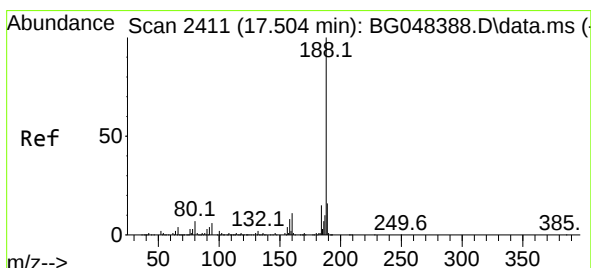
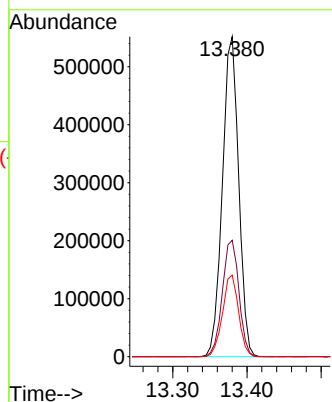
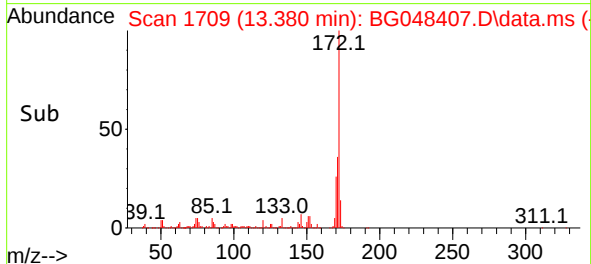
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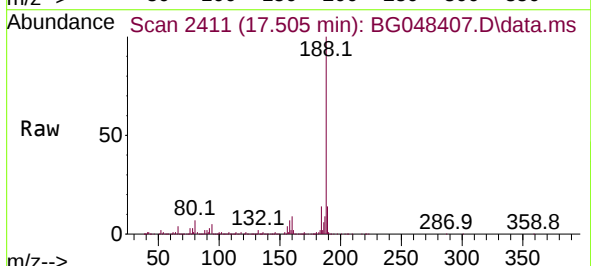
Tgt Ion:172 Resp: 839756
Ion Ratio Lower Upper
172 100
171 36.4 31.3 46.9
170 25.5 20.8 31.2

Manual Integrations
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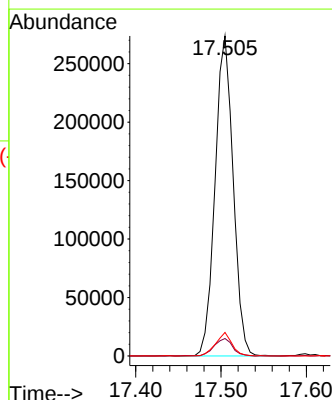
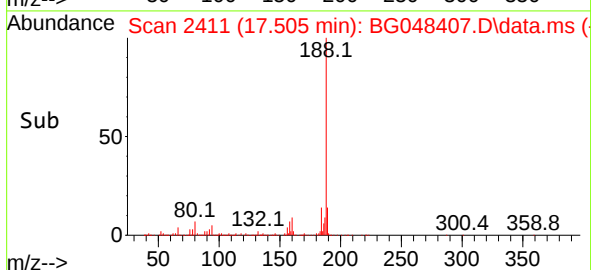
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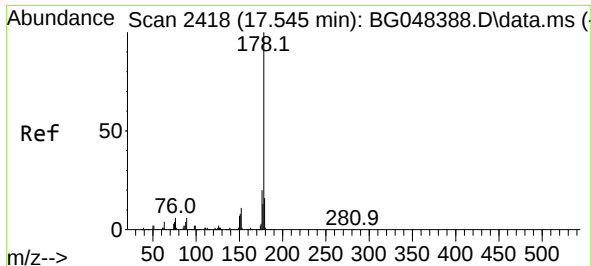


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.505 min Scan# 2411
Delta R.T. 0.001 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10



Tgt Ion:188 Resp: 402825
Ion Ratio Lower Upper
188 100
94 5.4 6.3 9.5#
80 7.3 7.0 10.6





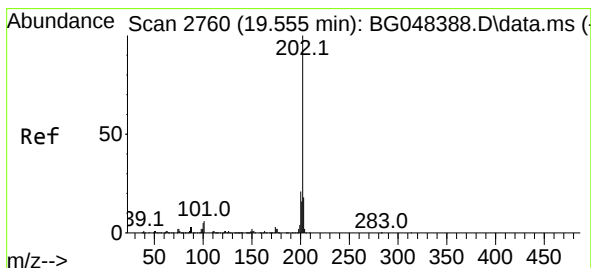
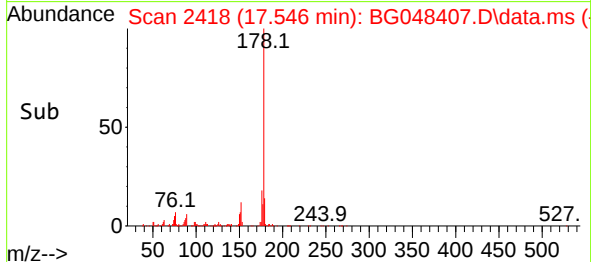
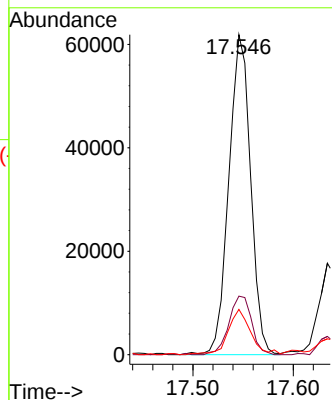
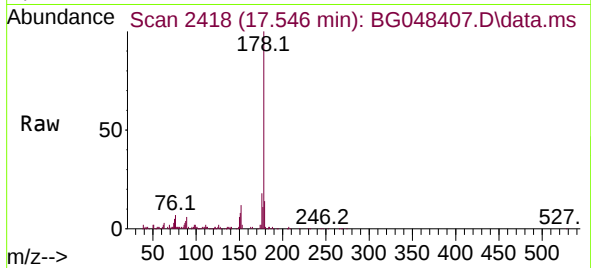
#71
Phenanthrene
Concen: 4.40 ng
RT: 17.546 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

Tgt Ion:178 Resp: 93338
Ion Ratio Lower Upper
178 100
176 18.3 16.7 25.1
179 14.1 14.0 21.0

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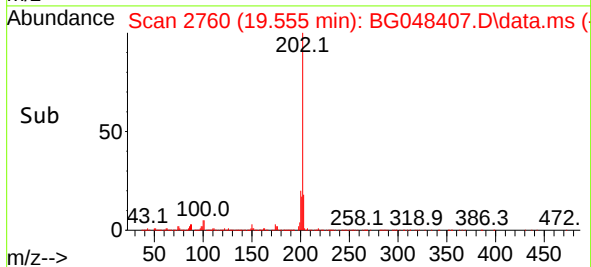
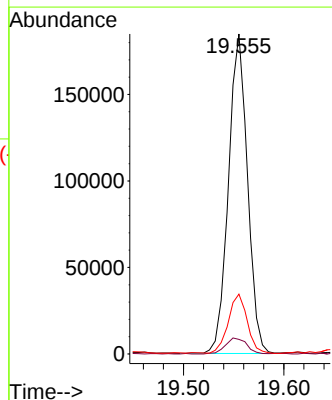
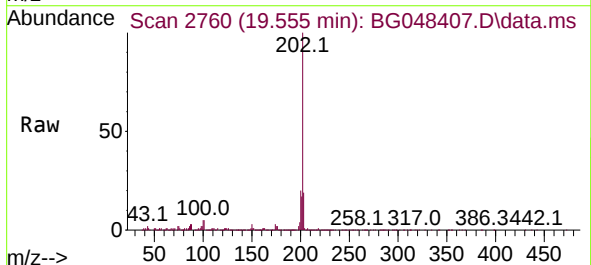
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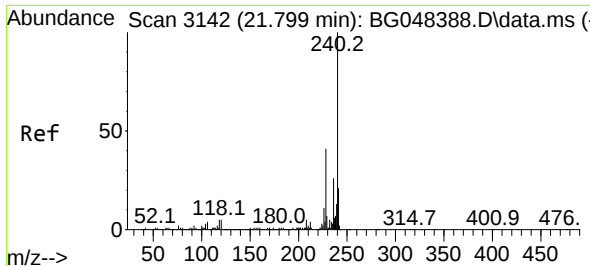
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#75
Fluoranthene
Concen: 8.65 ng
RT: 19.555 min Scan# 2760
Delta R.T. 0.000 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

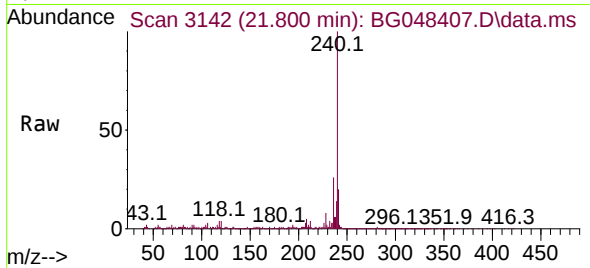
Tgt Ion:202 Resp: 243428
Ion Ratio Lower Upper
202 100
101 4.6 0.0 29.7
203 18.7 0.0 39.2





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.800 min Scan# 3142
Delta R.T. 0.001 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

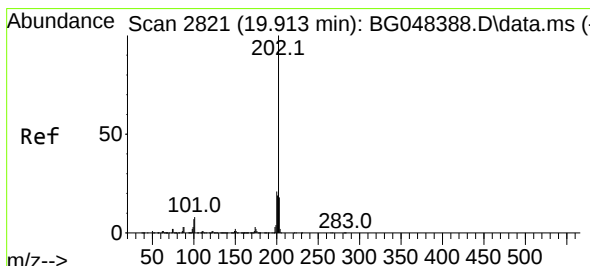
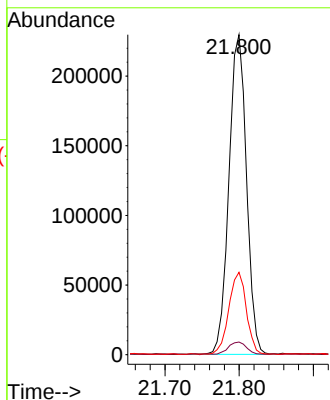
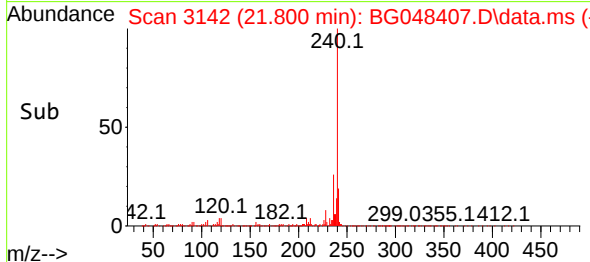
Instrument :
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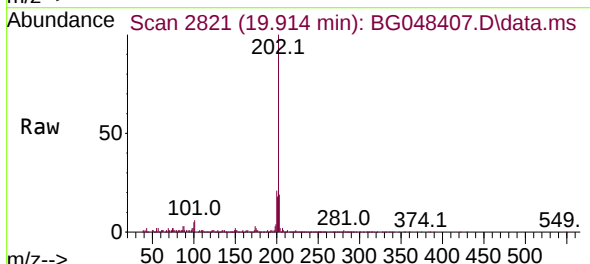
Tgt Ion:240 Resp: 377588
Ion Ratio Lower Upper
240 100
120 3.9 6.2 9.4#
236 25.8 20.5 30.7

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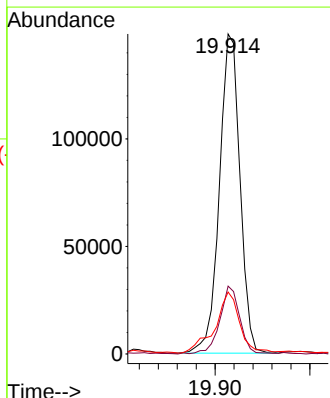
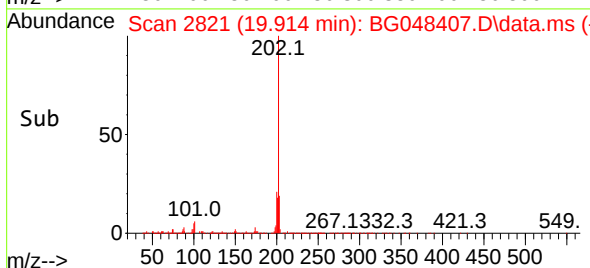
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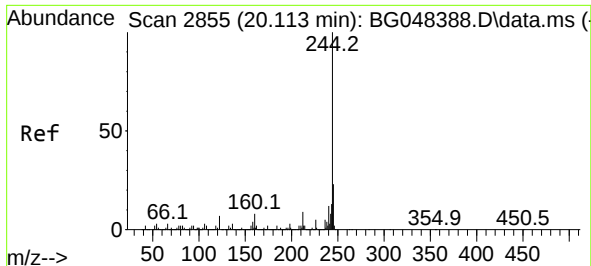


#78
Pyrene
Concen: 8.90 ng
RT: 19.914 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10



Tgt Ion:202 Resp: 223861
Ion Ratio Lower Upper
202 100
200 21.2 18.6 27.8
203 19.4 15.3 22.9





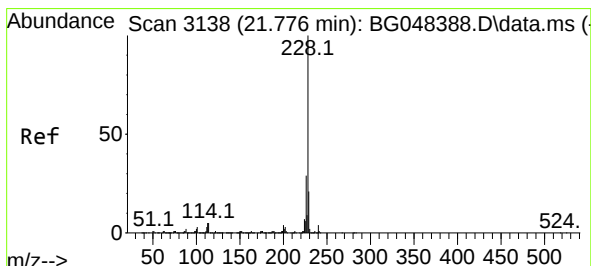
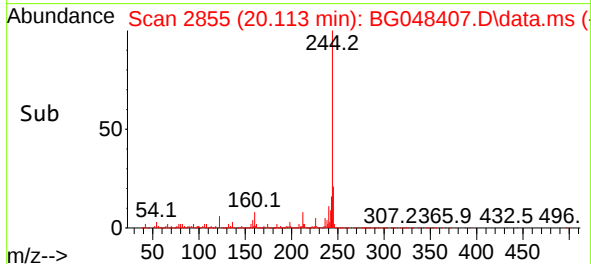
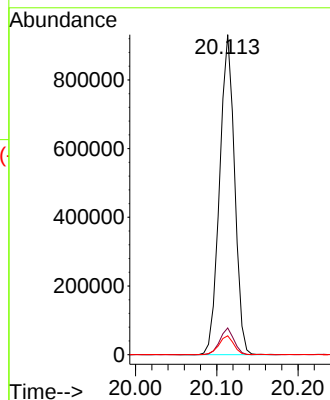
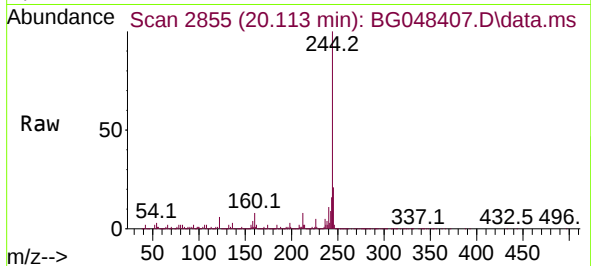
#79
Terphenyl-d14
Concen: 61.21 ng
RT: 20.113 min Scan# 2855
Delta R.T. 0.000 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

Tgt Ion:244 Resp: 1195926
Ion Ratio Lower Upper
244 100
212 8.4 6.7 10.1
122 5.9 7.8 11.6#

Instrument :
BNA_G
ClientSampleId :
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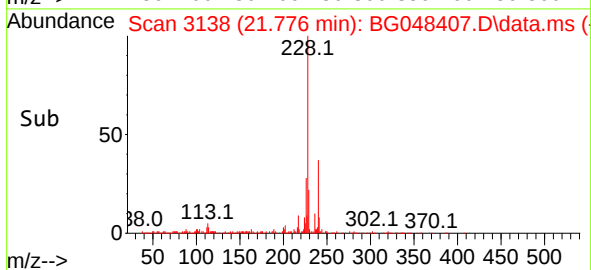
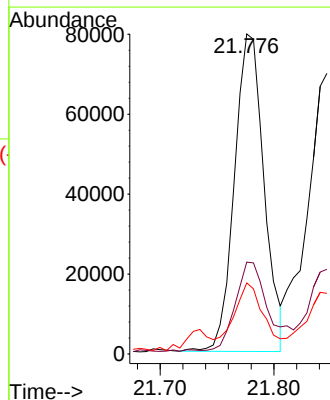
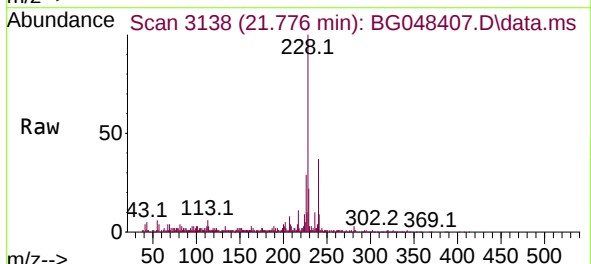
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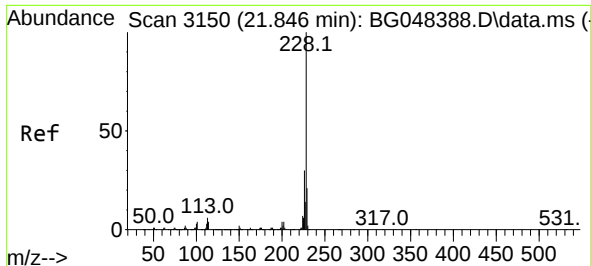
mohammad
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#81
Benzo(a)anthracene
Concen: 5.49 ng
RT: 21.776 min Scan# 3138
Delta R.T. 0.000 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

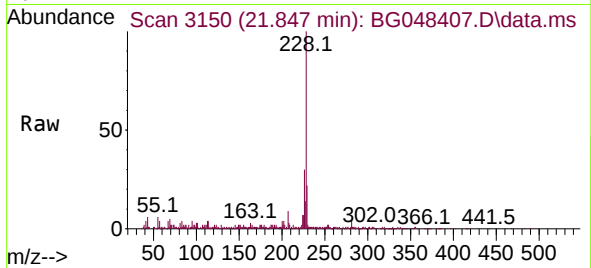
Tgt Ion:228 Resp: 143649
Ion Ratio Lower Upper
228 100
226 28.7 23.3 34.9
229 22.2 17.4 26.0





#83
Chrysene
Concen: 5.37 ng
RT: 21.847 min Scan# 3150
Delta R.T. 0.000 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10

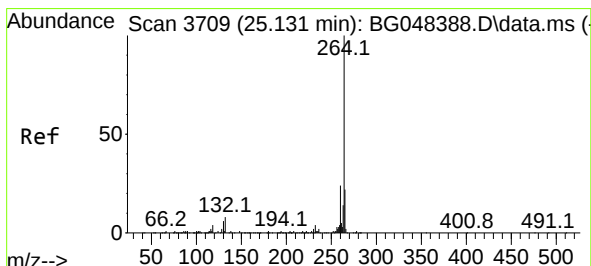
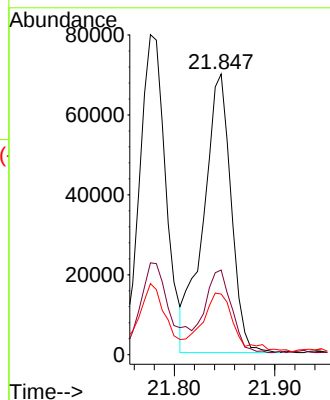
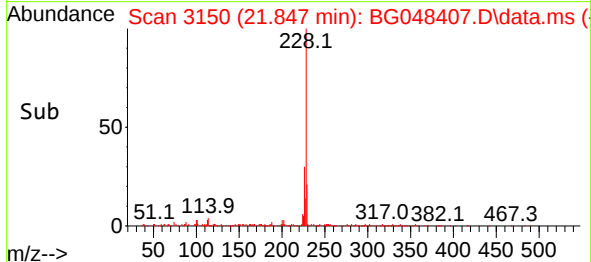
Instrument :
BNA_G
ClientSampleId :
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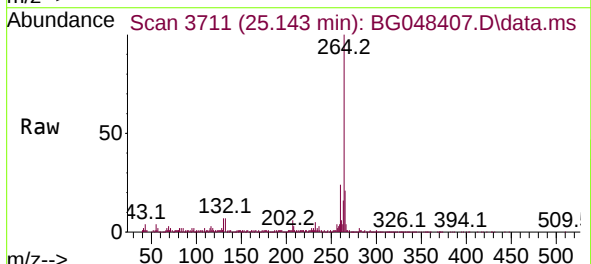
Tgt Ion:228 Resp: 134064
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.4
229 21.6 17.3 25.9

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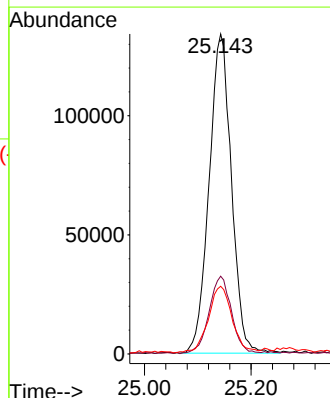
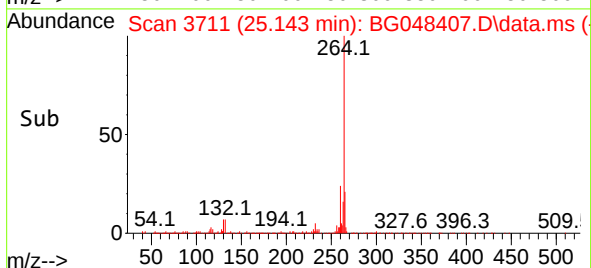
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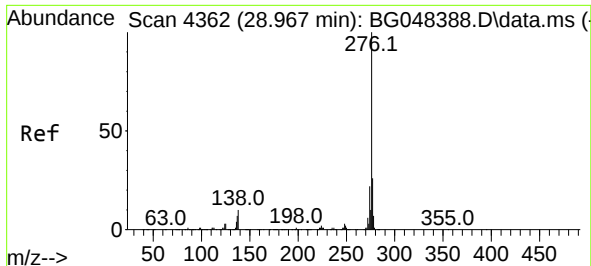


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.143 min Scan# 3711
Delta R.T. 0.012 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10



Tgt Ion:264 Resp: 389907
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.1 17.8 26.8





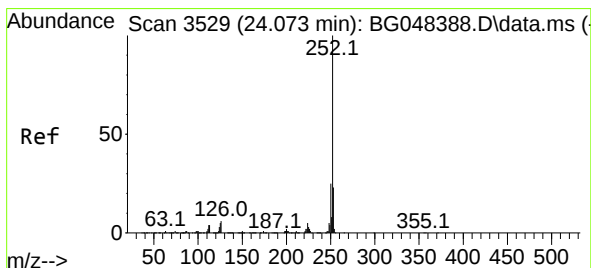
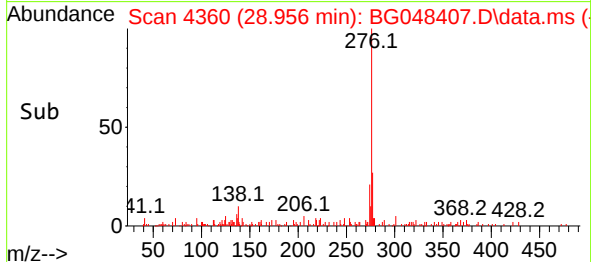
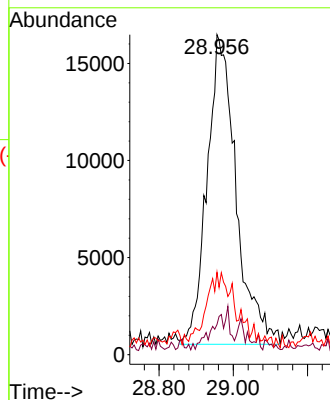
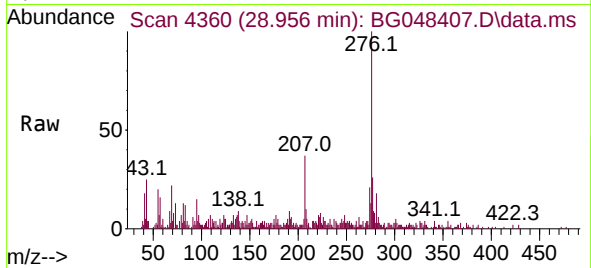
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.90 ng
 RT: 28.956 min Scan# 4360
 Delta R.T. -0.011 min
 Lab File: BG048407.D
 Acq: 17 Mar 2021 21:10

Tgt Ion:	276	Resp:	86779
Ion Ratio	Lower	Upper	
276	100		
138	4.9	16.2	24.2#
277	0.0	20.3	30.5#

Instrument :
 BNA_G
 ClientSampleId :
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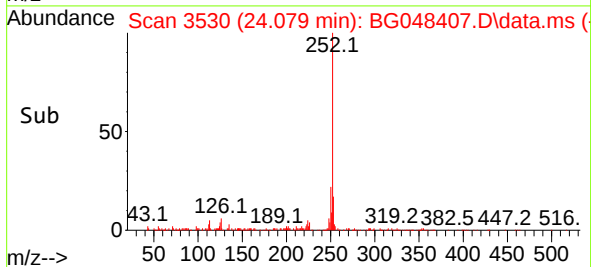
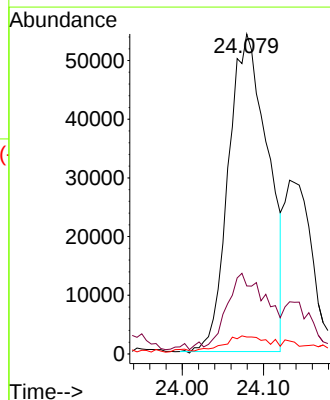
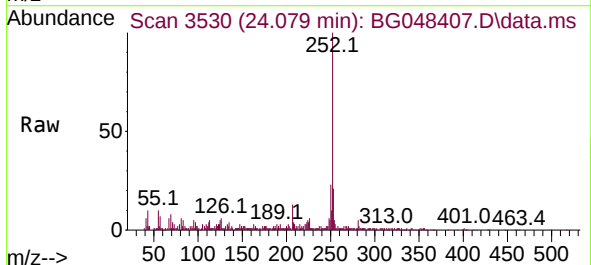
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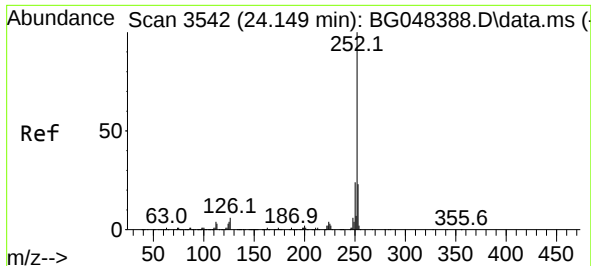
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#88
 Benzo(b)fluoranthene
 Concen: 6.72 ng
 RT: 24.079 min Scan# 3530
 Delta R.T. 0.006 min
 Lab File: BG048407.D
 Acq: 17 Mar 2021 21:10

Tgt Ion:	252	Resp:	182585
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.7	28.1
125	5.3	6.5	9.7#





#89

Benzo(k)fluoranthene

Concen: 2.71 ng m

RT: 24.132 min Scan# 3539

Delta R.T. -0.017 min

Lab File: BG048407.D

Acq: 17 Mar 2021 21:10

Tgt Ion:	252	Resp:	70574
Ion Ratio	Lower	Upper	
252	100		
253	30.0	18.6	27.8#
125	7.5	6.8	10.2

Instrument :

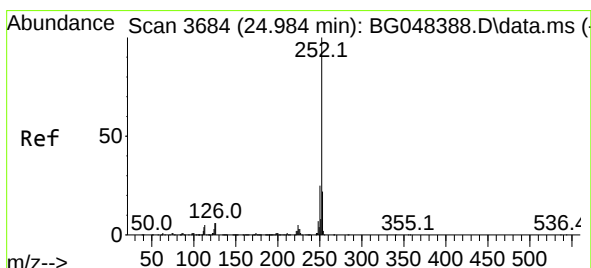
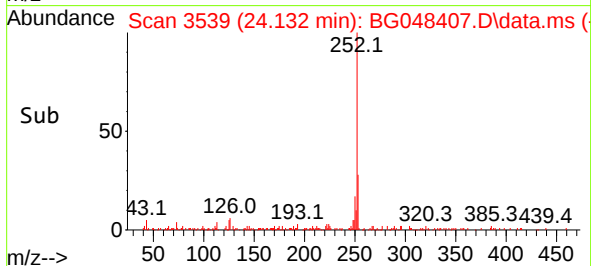
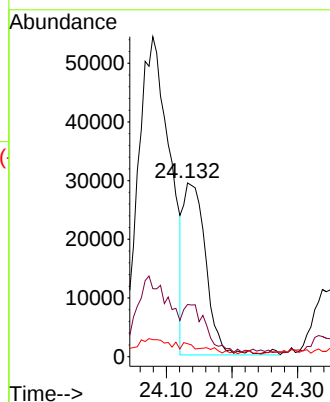
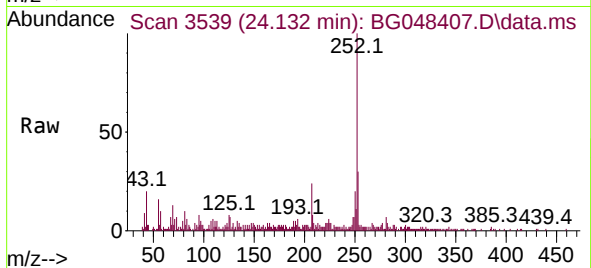
BNA_G

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 5.51 ng

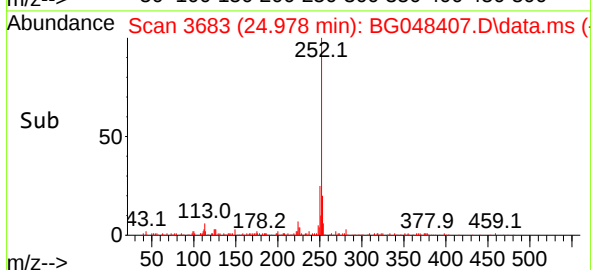
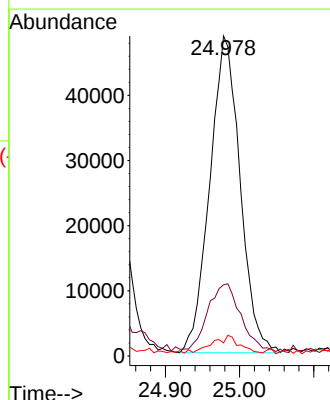
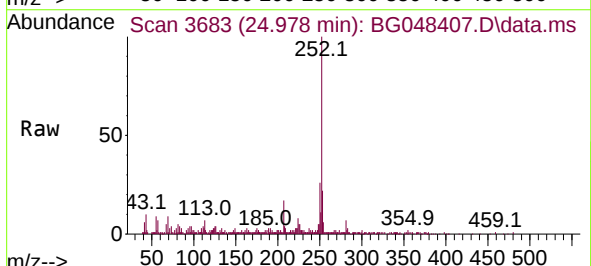
RT: 24.978 min Scan# 3683

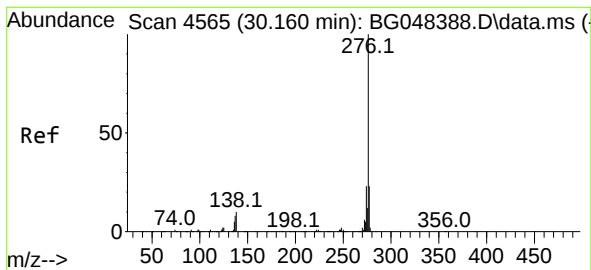
Delta R.T. -0.005 min

Lab File: BG048407.D

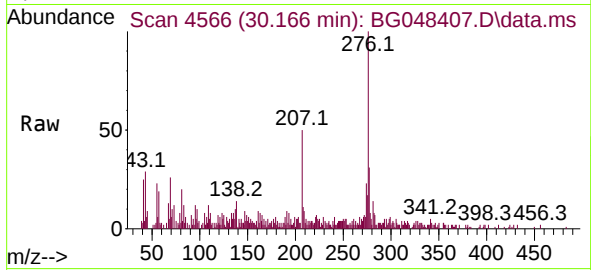
Acq: 17 Mar 2021 21:10

Tgt Ion:	252	Resp:	137990
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	4.1	7.0	10.4#

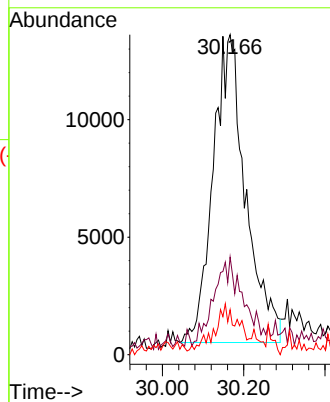
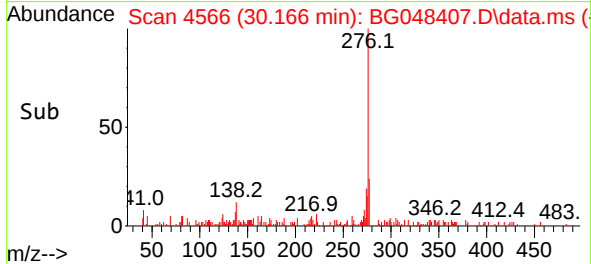




#92
Benzo(g,h,i)perylene
Concen: 2.95 ng
RT: 30.166 min Scan# 4566
Delta R.T. 0.006 min
Lab File: BG048407.D
Acq: 17 Mar 2021 21:10



Tgt Ion: 276 Resp: 73120
Ion Ratio Lower Upper
276 100
277 30.5 19.6 29.4#
138 14.0 13.4 20.2



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

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