

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
 Data File : BG048405.D
 Acq On : 17 Mar 2021 19:49
 Operator : CG/JU
 Sample : M1691-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-02-068-B

Manual Integrations
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Quant Time: Mar 18 00:19:32 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	8.115	152	65981	20.00	ng	0.00
21) Naphthalene-d8	10.935	136	261240	20.00	ng	0.00
39) Acenaphthene-d10	14.754	164	192786	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	411341	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	393696	20.00	ng	# 0.00
86) Perylene-d12	25.136	264	407741	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	410798	106.94	ng	0.00
7) Phenol-d6	7.257	99	587514	103.81	ng	0.00
23) Nitrobenzene-d5	9.284	82	438845	74.64	ng	0.00
42) 2,4,6-Tribromophenol	16.240	330	283327	114.87	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	881153	64.41	ng	0.00
79) Terphenyl-d14	20.112	244	1272622	62.47	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.280	94	19880	3.44	ng	# 60
71) Phenanthrene	17.545	178	74735m	3.45	ng	
75) Fluoranthene	19.554	202	260925	9.08	ng	95
78) Pyrene	19.913	202	237243	9.05	ng	96
81) Benzo(a)anthracene	21.775	228	162985	5.97	ng	97
83) Chrysene	21.846	228	149155	5.73	ng	96
87) Indeno(1,2,3-cd)pyrene	28.949	276	114328	3.65	ng	# 70
88) Benzo(b)fluoranthene	24.072	252	229929m	8.09	ng	
89) Benzo(k)fluoranthene	24.143	252	78935m	2.89	ng	
90) Benzo(a)pyrene	24.977	252	169768	6.48	ng	# 92
92) Benzo(g,h,i)perylene	30.142	276	108199	4.18	ng	# 90

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

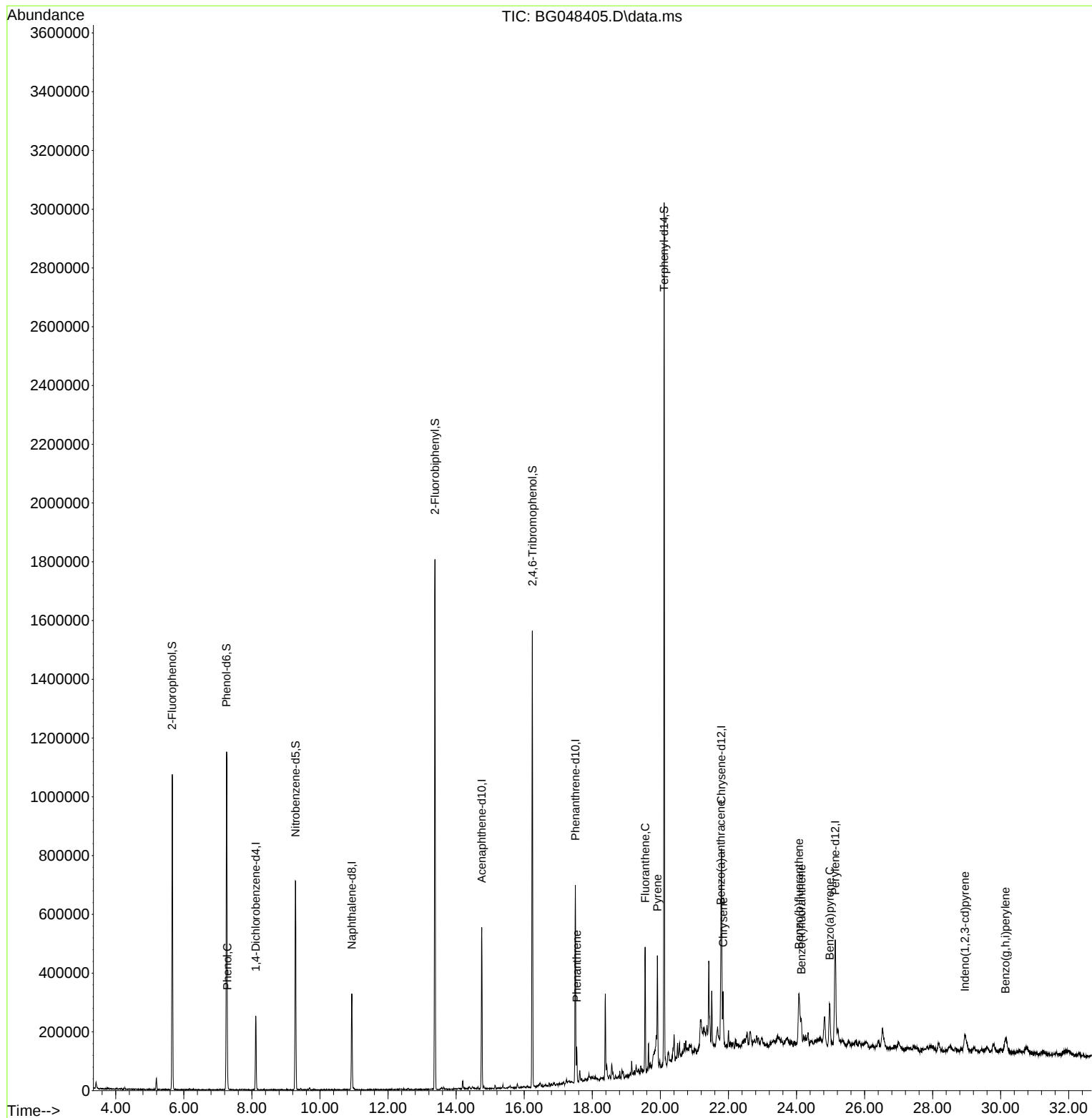
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048405.D
Acq On : 17 Mar 2021 19:49
Operator : CG/JU
Sample : M1691-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

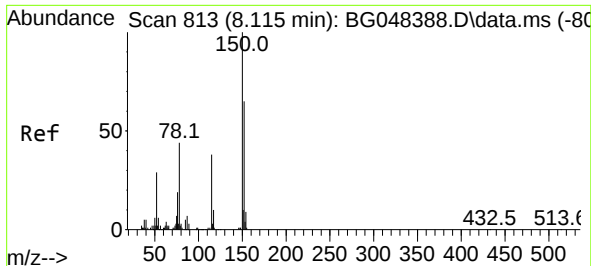
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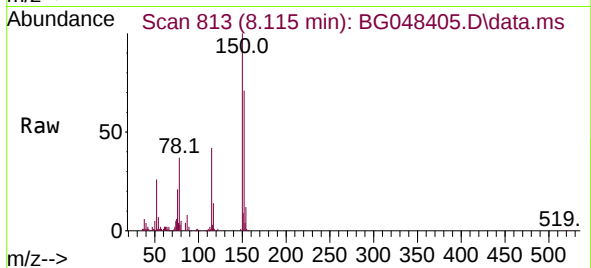
Quant Time: Mar 18 00:19:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 16:05:10 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.115 min Scan# 813
Delta R.T. -0.000 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

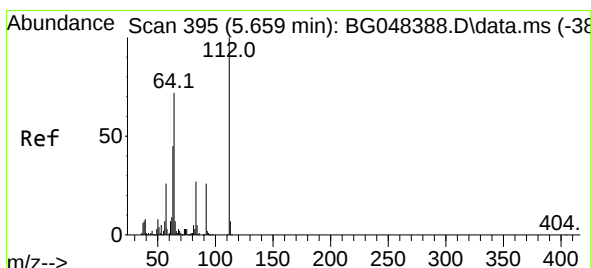
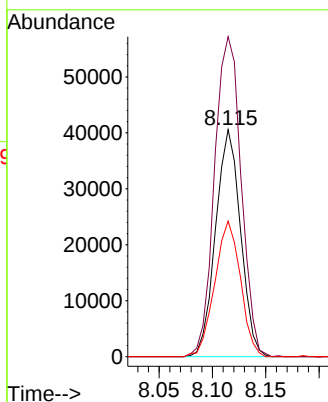
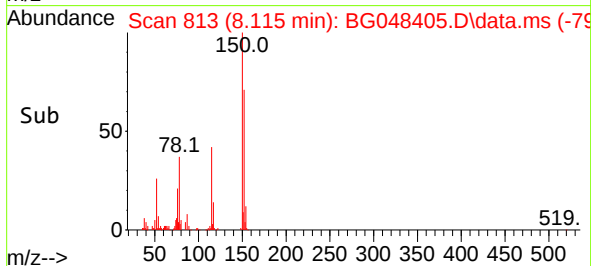
Instrument :
BNA_G
ClientSampleId :
FK-GF-02-068-B



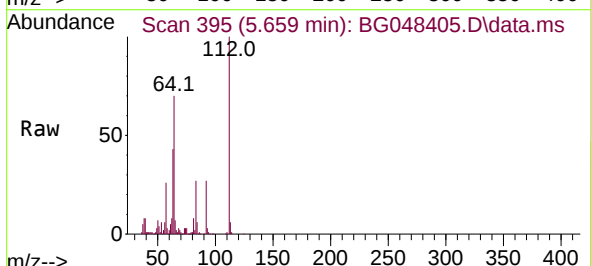
Tgt Ion:152 Resp: 65981
Ion Ratio Lower Upper
152 100
150 140.9 125.0 187.6
115 59.7 41.8 62.6

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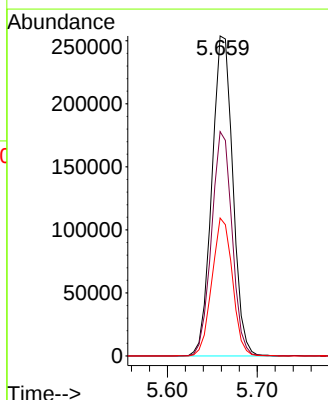
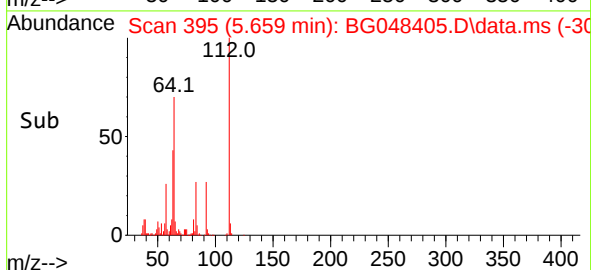
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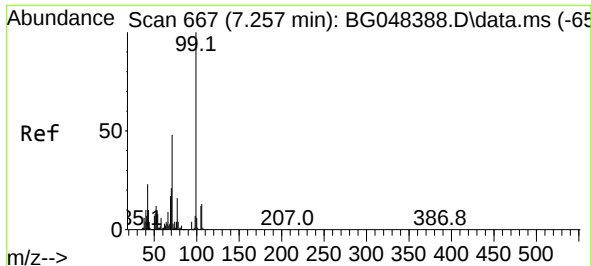


#5
2-Fluorophenol
Concen: 106.94 ng
RT: 5.659 min Scan# 395
Delta R.T. -0.001 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49



Tgt Ion:112 Resp: 410798
Ion Ratio Lower Upper
112 100
64 70.1 46.7 70.1#
63 43.1 22.8 34.2#





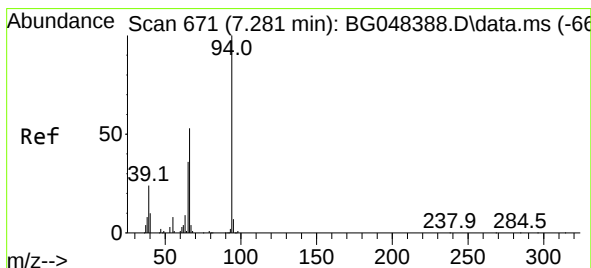
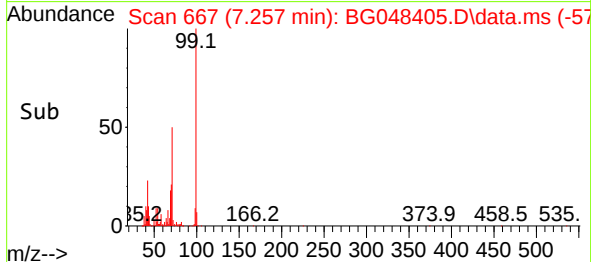
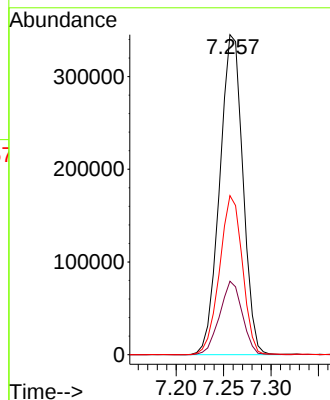
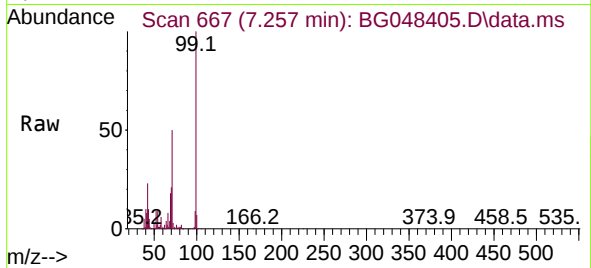
#7
Phenol-d6
Concen: 103.81 ng
RT: 7.257 min Scan# 667
Delta R.T. -0.001 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

Tgt Ion: 99 Resp: 587514
Ion Ratio Lower Upper
99 100
42 23.0 12.8 19.2#
71 49.7 24.6 36.8#

Instrument :
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ClientSampleId :
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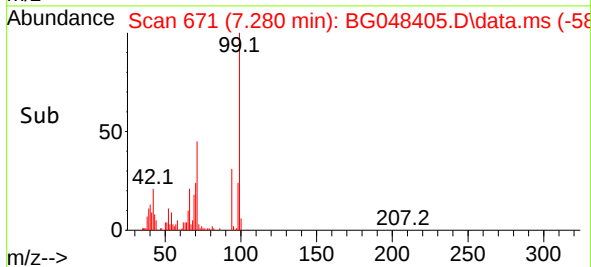
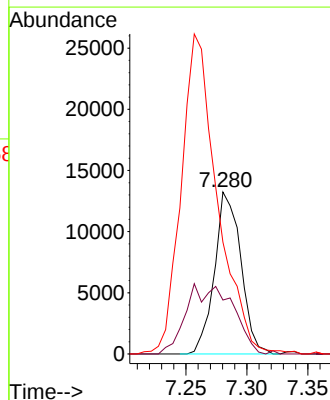
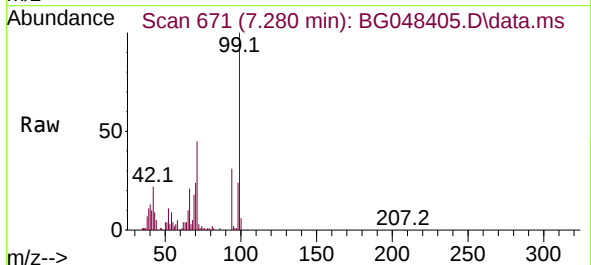
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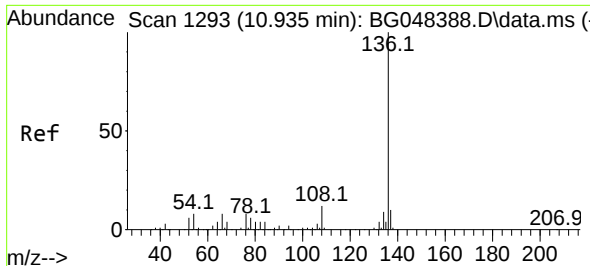
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#10
Phenol
Concen: 3.44 ng
RT: 7.280 min Scan# 671
Delta R.T. -0.001 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

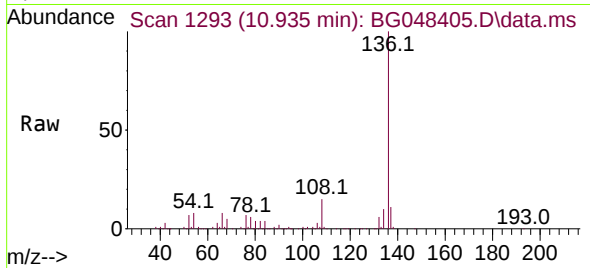
Tgt Ion: 94 Resp: 19880
Ion Ratio Lower Upper
94 100
65 33.3 6.6 46.6
66 69.1 13.9 53.9#





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.935 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

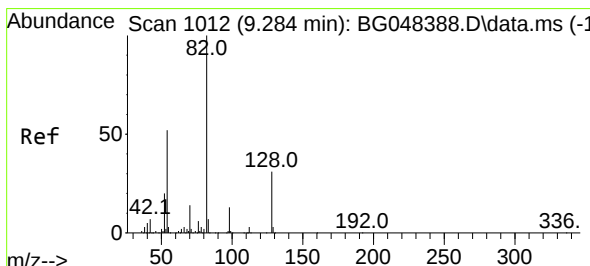
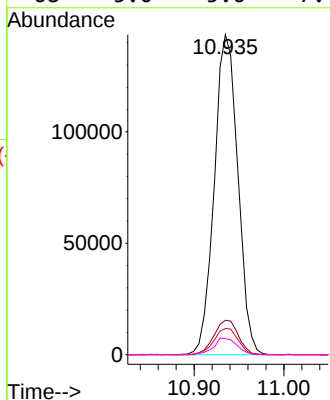
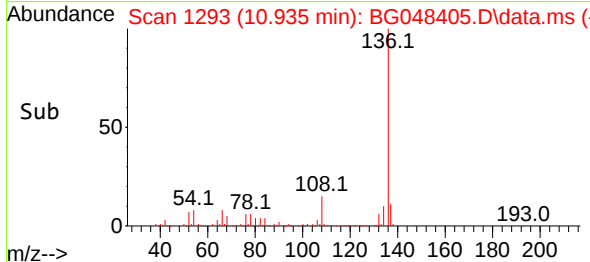
Instrument :
BNA_G
ClientSampleId :
FK-GF-02-068-B



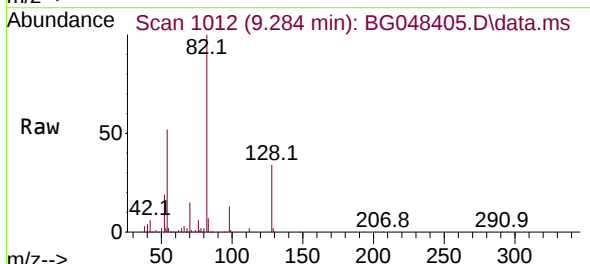
Tgt Ion:	136	Resp:	261240
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	8.2	6.2	9.4
68	5.0	5.0	7.4

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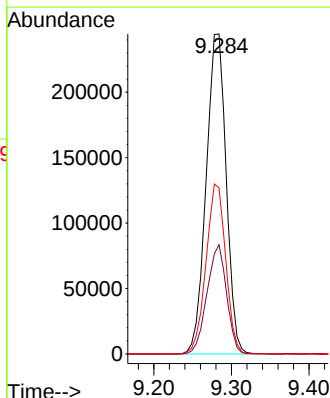
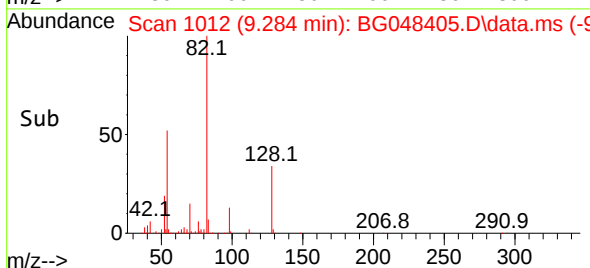
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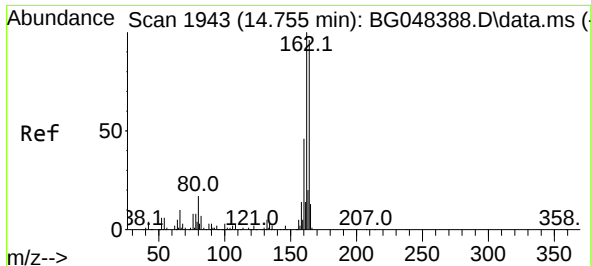


#23
Nitrobenzene-d5
Concen: 74.64 ng
RT: 9.284 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49



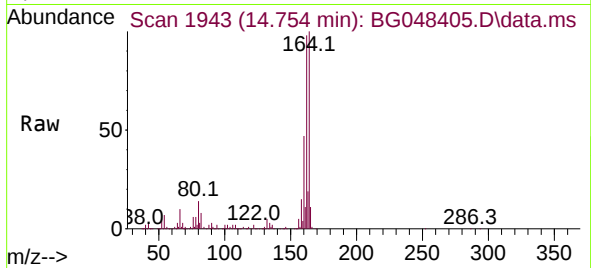
Tgt Ion:	82	Resp:	438845
Ion Ratio	Lower	Upper	
82	100		
128	34.1	37.0	55.6#
54	51.9	39.0	58.4





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.754 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

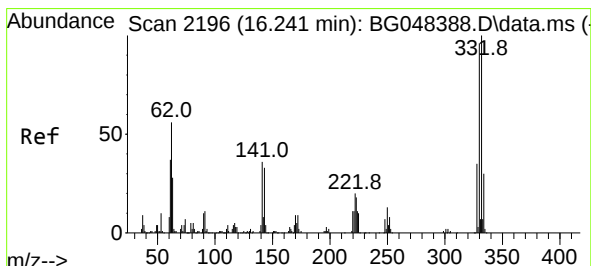
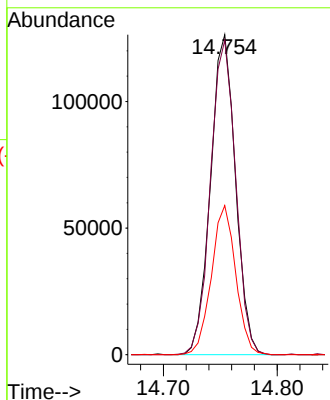
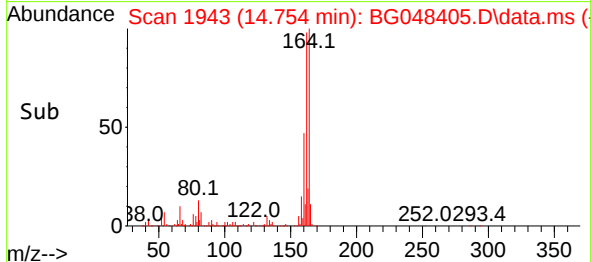
Instrument :
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FK-GF-02-068-B



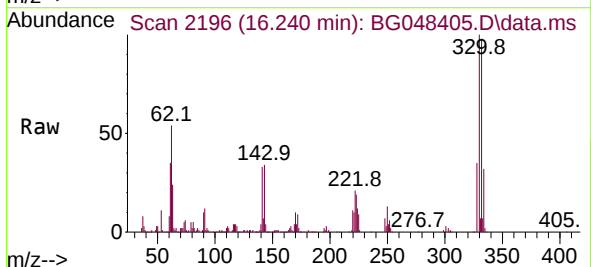
Tgt Ion:164 Resp: 192786
Ion Ratio Lower Upper
164 100
162 98.3 82.3 123.5
160 46.6 35.3 52.9

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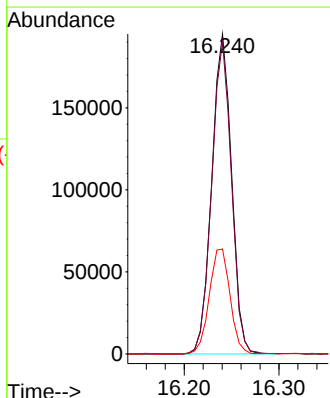
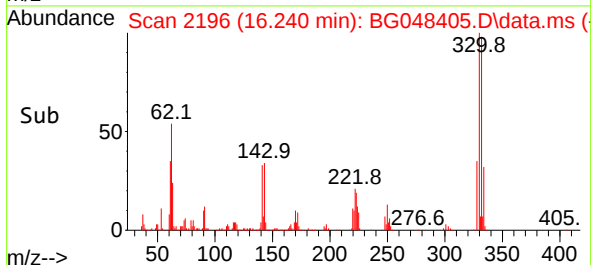
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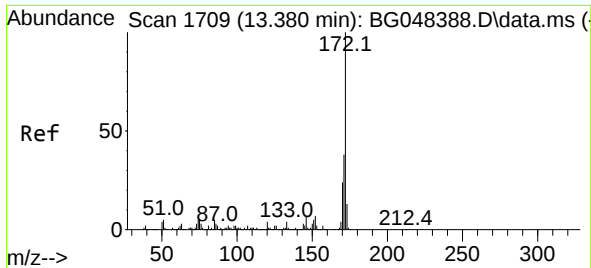


#42
2,4,6-Tribromophenol
Concen: 114.87 ng
RT: 16.240 min Scan# 2196
Delta R.T. -0.001 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49



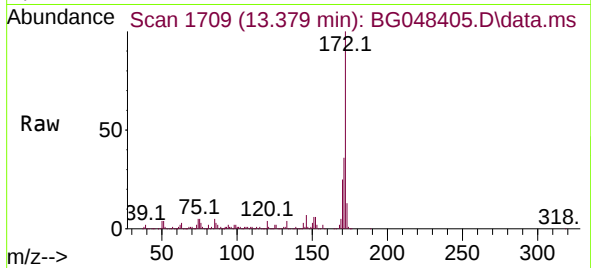
Tgt Ion:330 Resp: 283327
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 34.4 26.0 39.0





#45
2-Fluorobiphenyl
Concen: 64.41 ng
RT: 13.379 min Scan# 1709
Delta R.T. -0.001 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

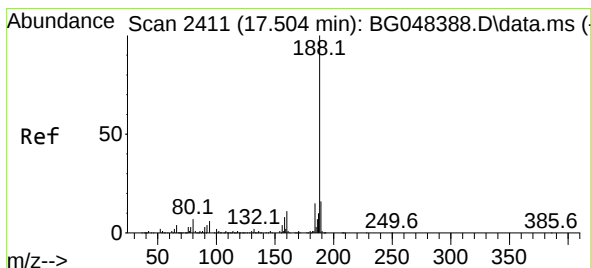
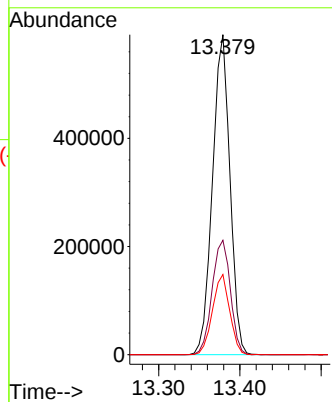
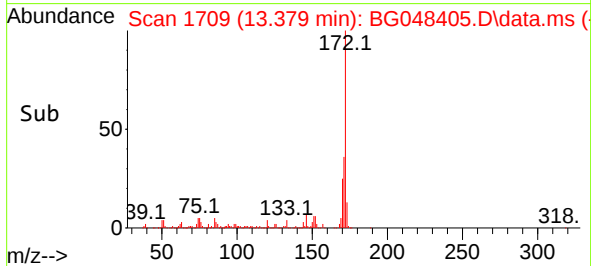
Instrument :
BNA_G
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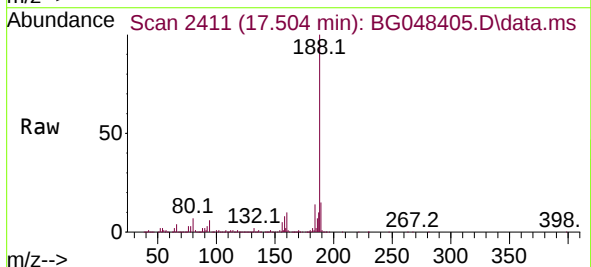
Tgt Ion:172 Resp: 881153
Ion Ratio Lower Upper
172 100
171 35.8 31.3 46.9
170 25.1 20.8 31.2

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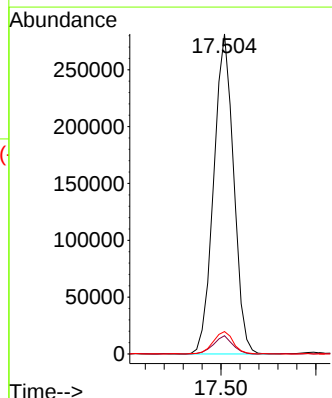
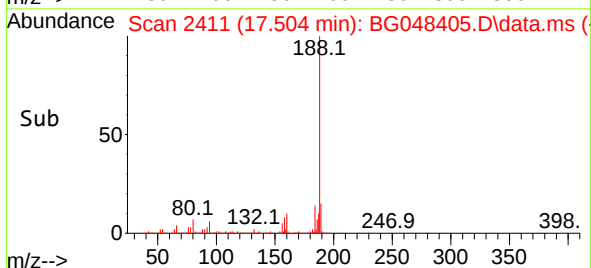
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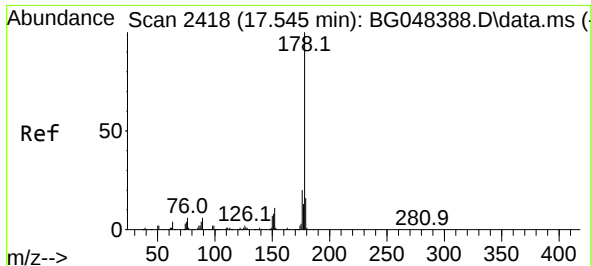


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.504 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49



Tgt Ion:188 Resp: 411341
Ion Ratio Lower Upper
188 100
94 5.7 6.3 9.5#
80 7.0 7.0 10.6#





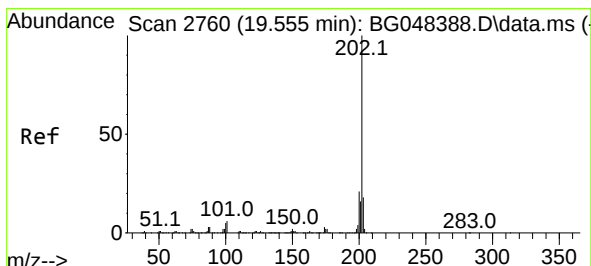
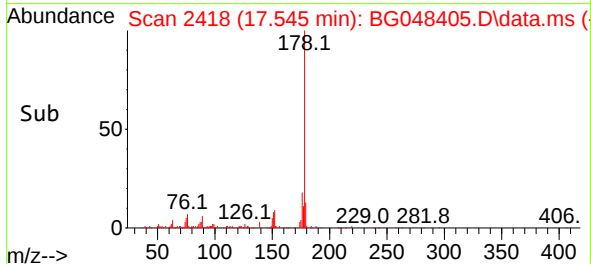
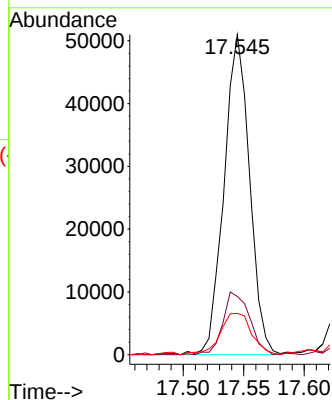
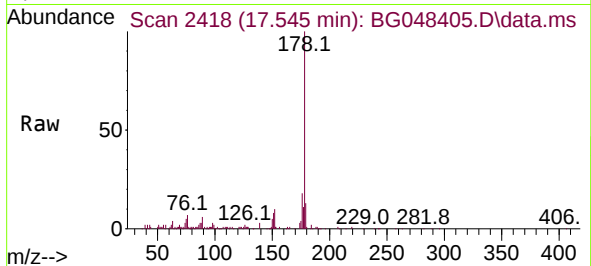
#71
Phenanthrene
Concen: 3.45 ng m
RT: 17.545 min Scan# 2418
Delta R.T. -0.001 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

Tgt Ion:178 Resp: 74735
Ion Ratio Lower Upper
178 100
176 18.2 16.7 25.1
179 12.9 14.0 21.0#

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-068-B

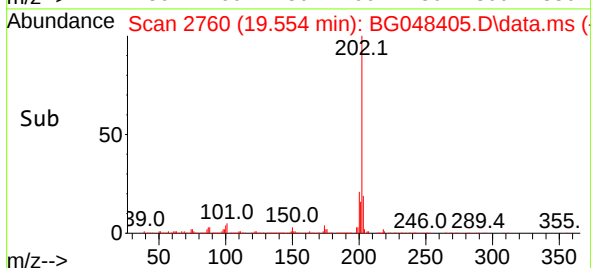
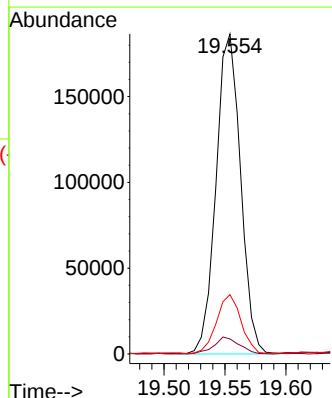
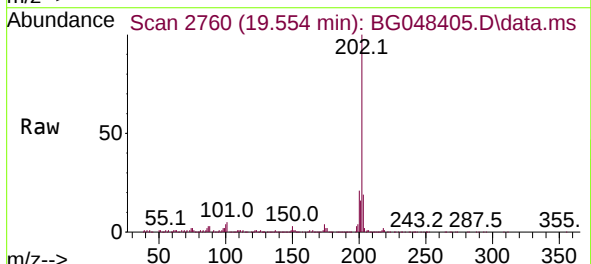
Manual Integrations
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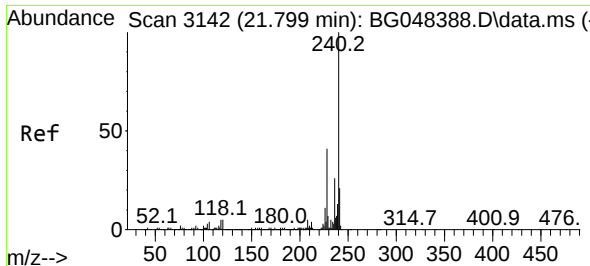
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#75
Fluoranthene
Concen: 9.08 ng
RT: 19.554 min Scan# 2760
Delta R.T. -0.001 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

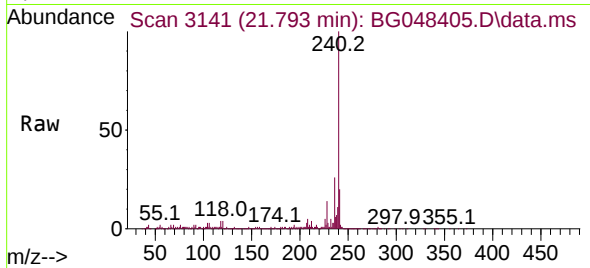
Tgt Ion:202 Resp: 260925
Ion Ratio Lower Upper
202 100
101 4.7 0.0 29.7
203 18.6 0.0 39.2





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

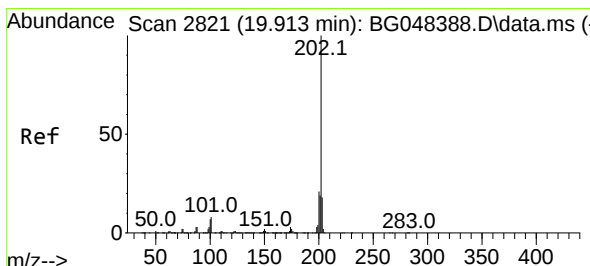
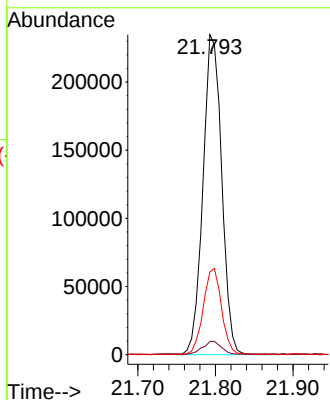
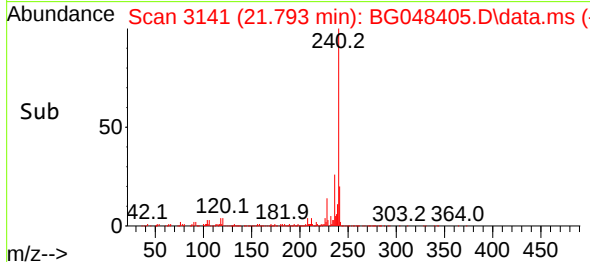
Instrument :
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FK-GF-02-068-B



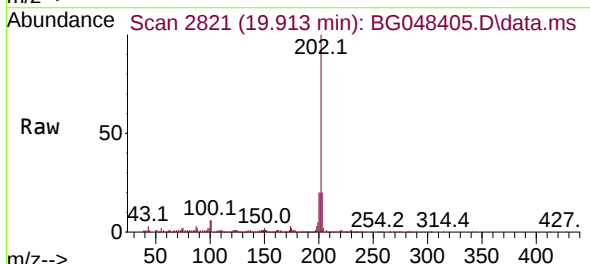
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Ion Ratio Lower Upper
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120 4.1 6.2 9.4#
236 25.9 20.5 30.7

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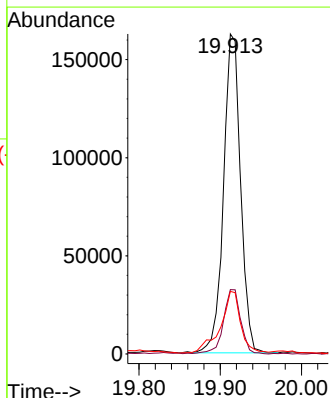
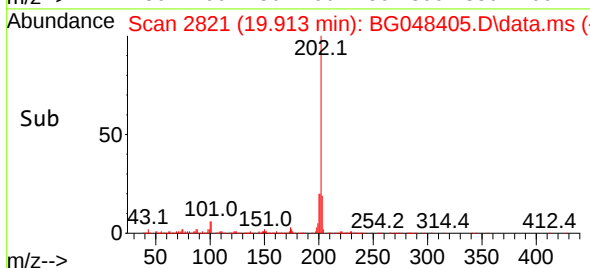
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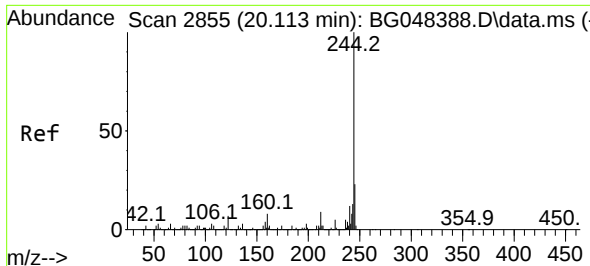


#78
Pyrene
Concen: 9.05 ng
RT: 19.913 min Scan# 2821
Delta R.T. -0.001 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49



Tgt Ion:202 Resp: 237243
Ion Ratio Lower Upper
202 100
200 20.1 18.6 27.8
203 19.5 15.3 22.9





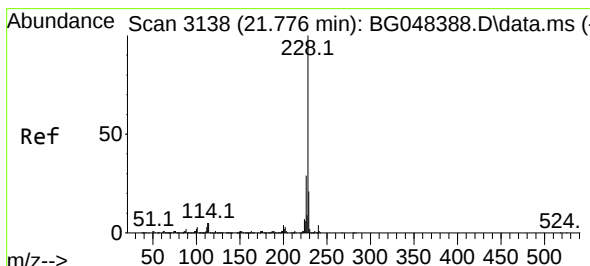
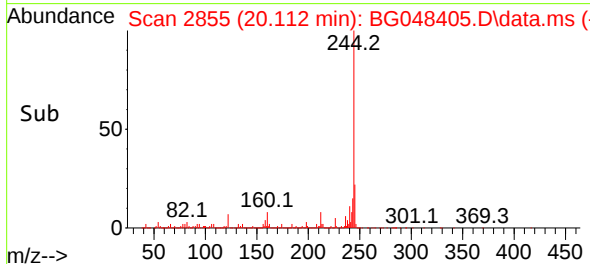
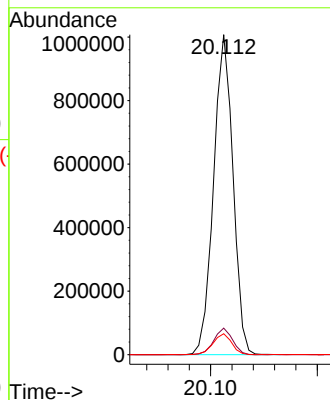
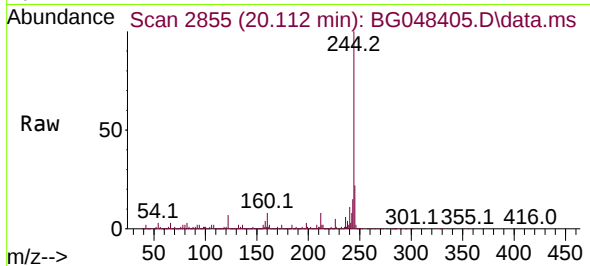
#79
Terphenyl-d14
Concen: 62.47 ng
RT: 20.112 min Scan# 2855
Delta R.T. -0.001 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

Tgt Ion:244 Resp: 1272622
Ion Ratio Lower Upper
244 100
212 8.3 6.7 10.1
122 6.5 7.8 11.6#

Instrument :
BNA_G
ClientSampleId :
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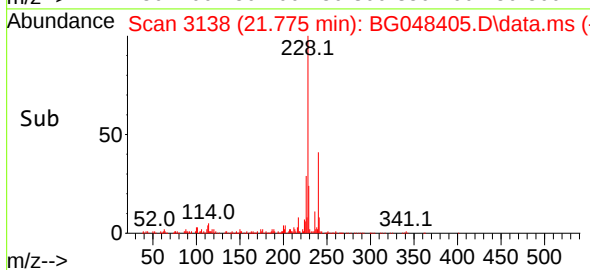
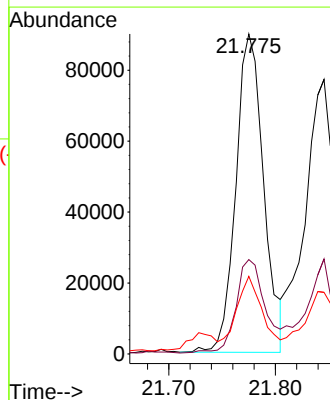
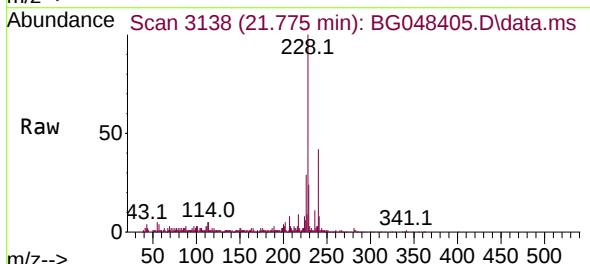
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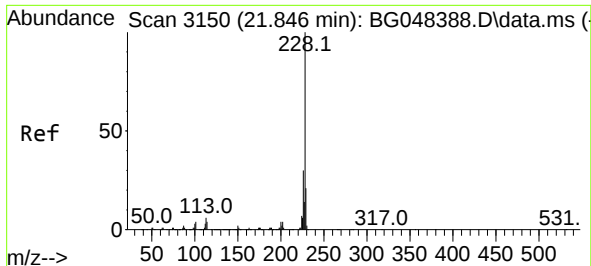
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#81
Benzo(a)anthracene
Concen: 5.97 ng
RT: 21.775 min Scan# 3138
Delta R.T. -0.001 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

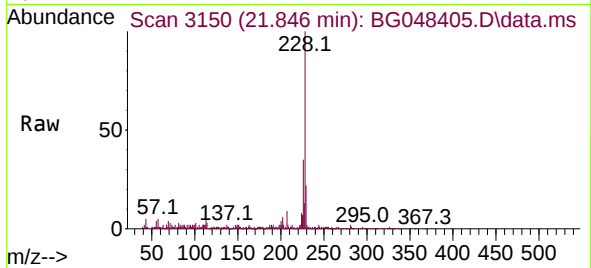
Tgt Ion:228 Resp: 162985
Ion Ratio Lower Upper
228 100
226 29.5 23.3 34.9
229 24.2 17.4 26.0





#83
Chrysene
Concen: 5.73 ng
RT: 21.846 min Scan# 3150
Delta R.T. -0.001 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

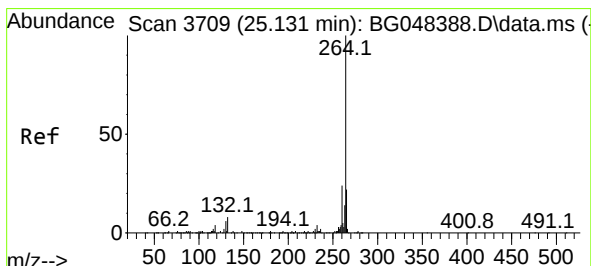
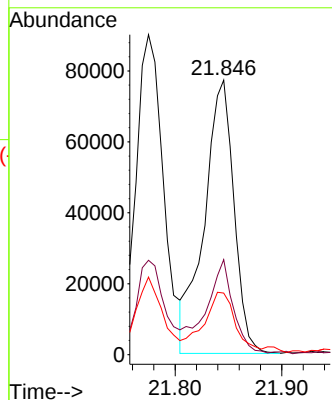
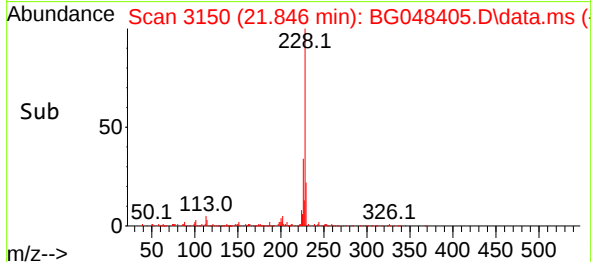
Instrument :
BNA_G
ClientSampleId :
FK-GF-02-068-B



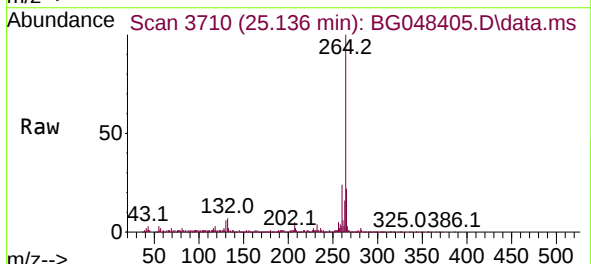
Tgt Ion:228 Resp: 149155
Ion Ratio Lower Upper
228 100
226 34.6 25.0 37.4
229 22.4 17.3 25.9

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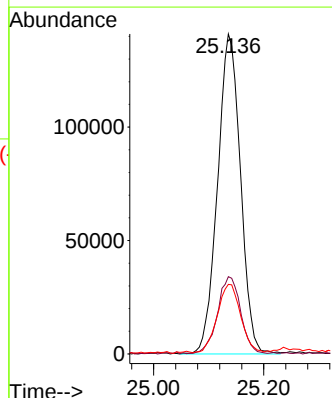
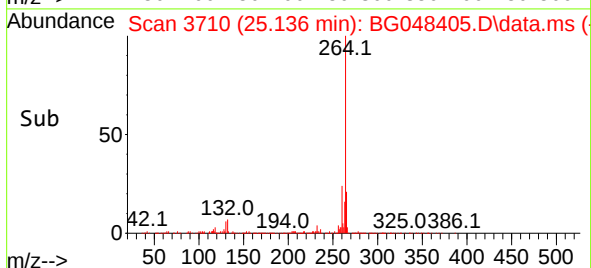
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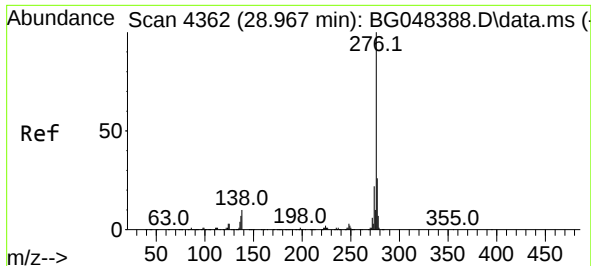


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.136 min Scan# 3710
Delta R.T. 0.005 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49



Tgt Ion:264 Resp: 407741
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.8 17.8 26.8





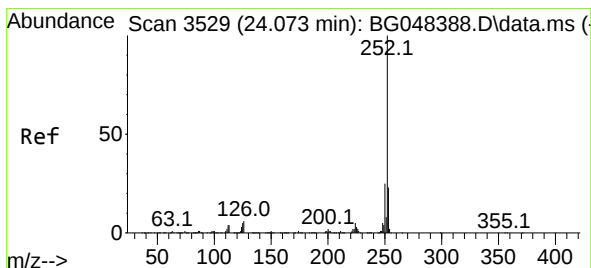
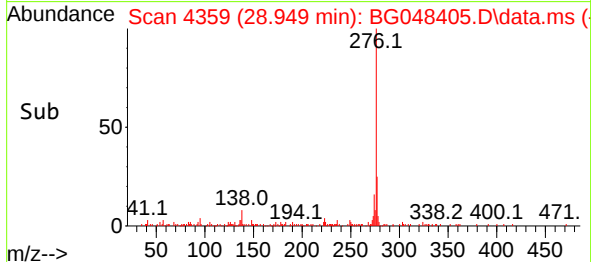
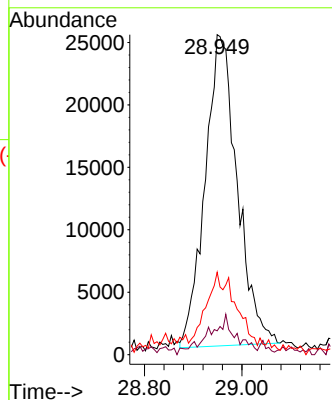
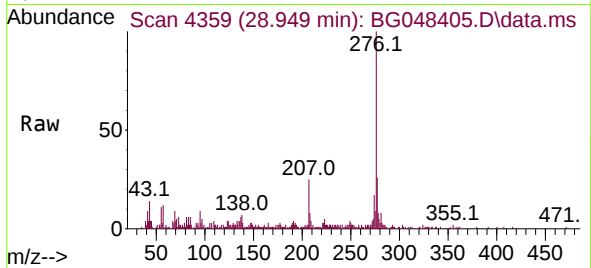
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.65 ng
 RT: 28.949 min Scan# 4359
 Delta R.T. -0.018 min
 Lab File: BG048405.D
 Acq: 17 Mar 2021 19:49

Tgt Ion: 276 Resp: 114328
 Ion Ratio Lower Upper
 276 100
 138 5.0 16.2 24.2#
 277 11.0 20.3 30.5#

Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-02-068-B

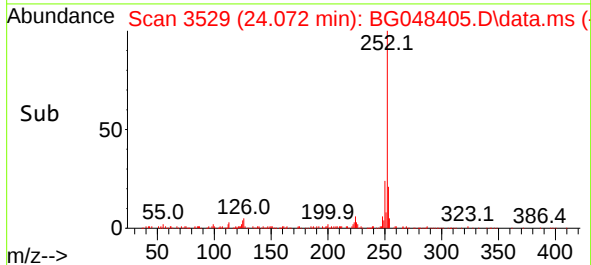
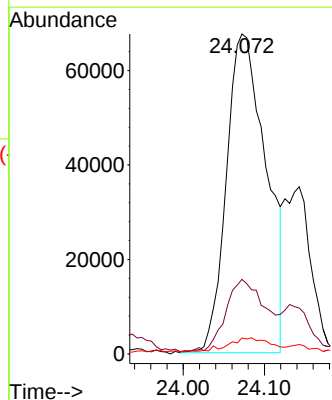
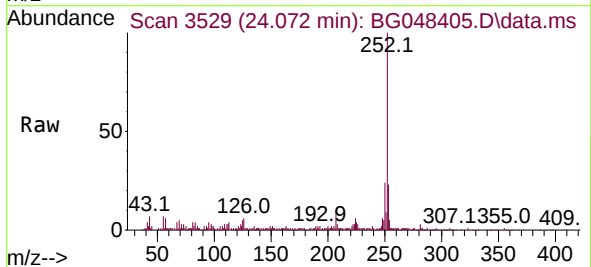
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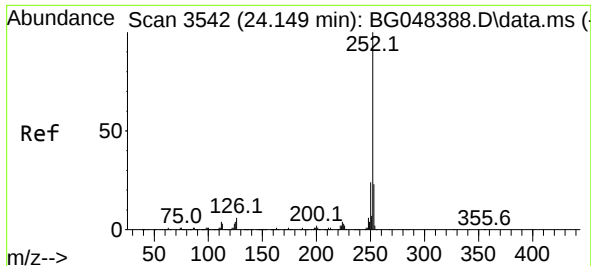
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#88
 Benzo(b)fluoranthene
 Concen: 8.09 ng m
 RT: 24.072 min Scan# 3529
 Delta R.T. -0.001 min
 Lab File: BG048405.D
 Acq: 17 Mar 2021 19:49

Tgt Ion: 252 Resp: 229929
 Ion Ratio Lower Upper
 252 100
 253 23.3 18.7 28.1
 125 5.0 6.5 9.7#





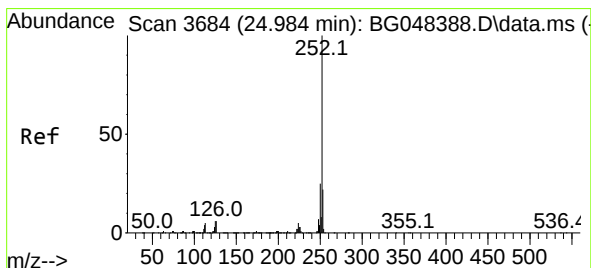
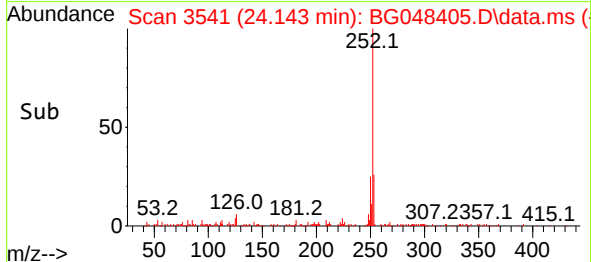
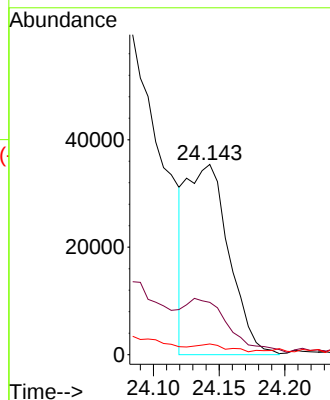
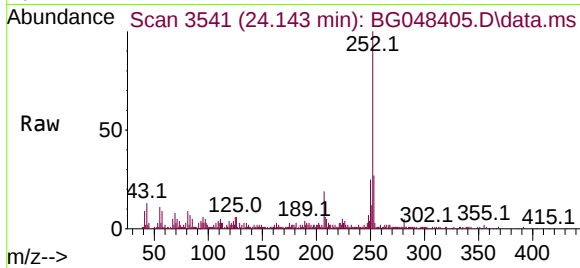
#89
Benzo(k)fluoranthene
Concen: 2.89 ng m
RT: 24.143 min Scan# 3541
Delta R.T. -0.007 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.6	27.8
125	5.7	6.8	10.2#

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-068-B

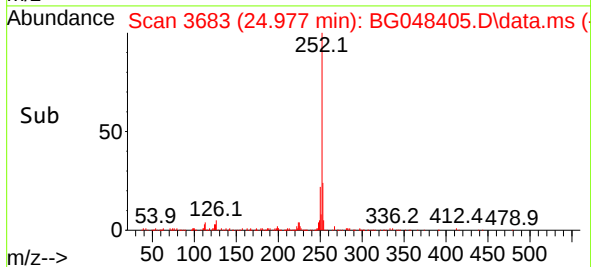
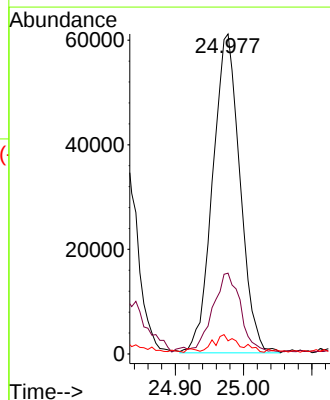
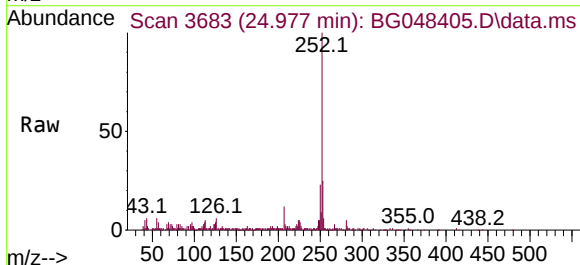
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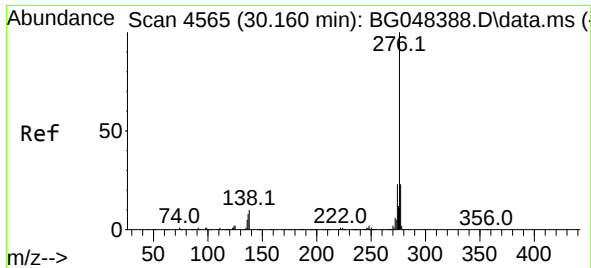
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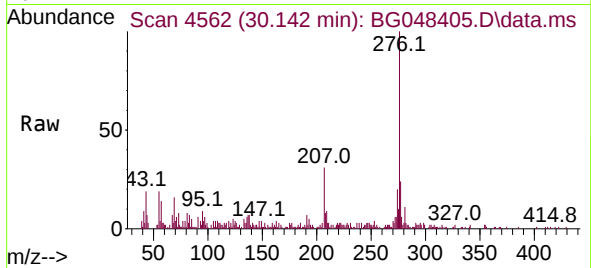
#90
Benzo(a)pyrene
Concen: 6.48 ng
RT: 24.977 min Scan# 3683
Delta R.T. -0.007 min
Lab File: BG048405.D
Acq: 17 Mar 2021 19:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	4.1	7.0	10.4#

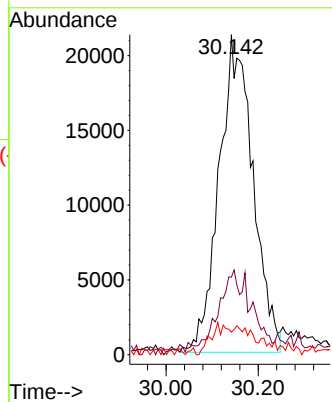
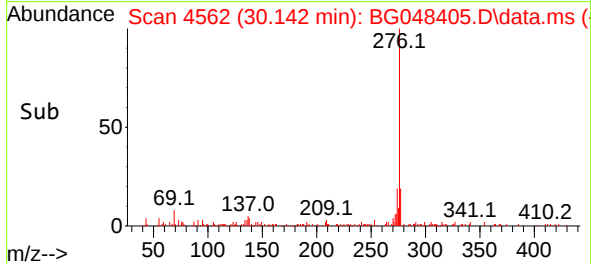




#92
 Benzo(g,h,i)perylene
 Concen: 4.18 ng
 RT: 30.142 min Scan# 4562
 Delta R.T. -0.018 min
 Lab File: BG048405.D
 Acq: 17 Mar 2021 19:49



Tgt Ion: 276 Resp: 108199
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.6 29.4
 138 7.0 13.4 20.2#



Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-02-068-B

Manual Integrations
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