

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048868.D
 Acq On : 23 Apr 2021 18:11
 Operator : CG/JU
 Sample : M2089-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-02-072-B

Manual Integrations
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Quant Time: Apr 23 23:32:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	27502	20.00	ng	0.00
21) Naphthalene-d8	10.882	136	113838	20.00	ng	#-0.01
39) Acenaphthene-d10	14.718	164	74327	20.00	ng	0.00
64) Phenanthrene-d10	17.474	188	154286	20.00	ng	# 0.00
76) Chrysene-d12	21.769	240	134591	20.00	ng	-0.01
86) Perylene-d12	25.100	264	135984	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	178934	108.82	ng	0.00
7) Phenol-d6	7.221	99	232446	99.94	ng	0.00
23) Nitrobenzene-d5	9.231	82	174720	68.71	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	85219	85.51	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	346831	67.39	ng	-0.01
79) Terphenyl-d14	20.083	244	460698	58.91	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	14.154	163	14100	2.53	ng	# 91
71) Phenanthrene	17.515	178	83467	10.42	ng	97
72) Anthracene	17.603	178	19963	2.52	ng	94
75) Fluoranthene	19.530	202	110646	10.93	ng	97
78) Pyrene	19.889	202	110664	11.88	ng	95
81) Benzo(a)anthracene	21.751	228	55084	5.99	ng	95
83) Chrysene	21.822	228	48918	5.58	ng	94
87) Indeno(1,2,3-cd)pyrene	28.925	276	26721	2.68	ng	# 97
88) Benzo(b)fluoranthene	24.031	252	55062	5.97	ng	# 90
89) Benzo(k)fluoranthene	24.102	252	21753m	2.51	ng	
90) Benzo(a)pyrene	24.936	252	44990	5.29	ng	# 95
92) Benzo(g,h,i)perylene	30.118	276	27021	3.20	ng	# 92

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

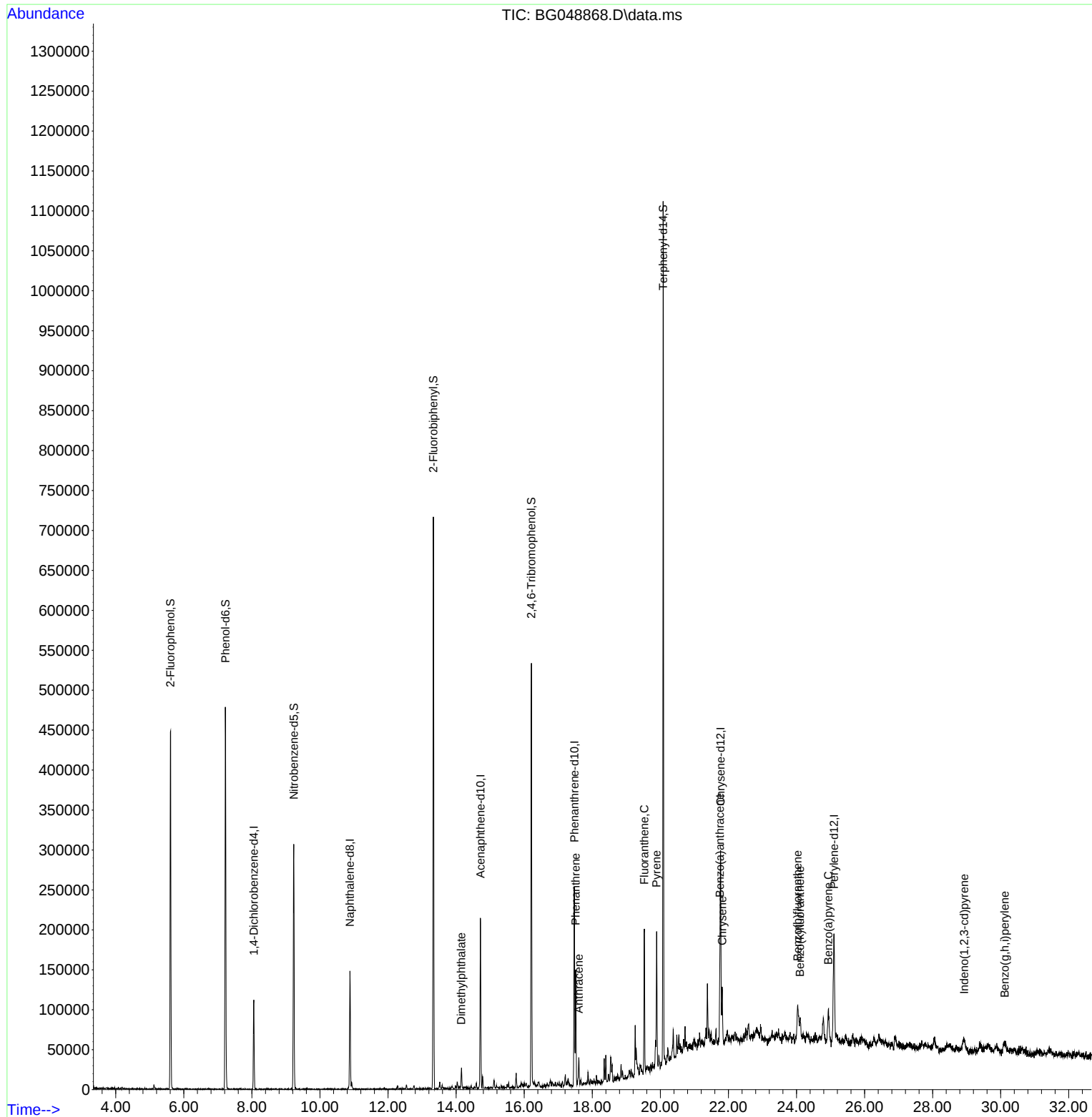
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
Data File : BG048868.D
Acq On : 23 Apr 2021 18:11
Operator : CG/JU
Sample : M2089-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

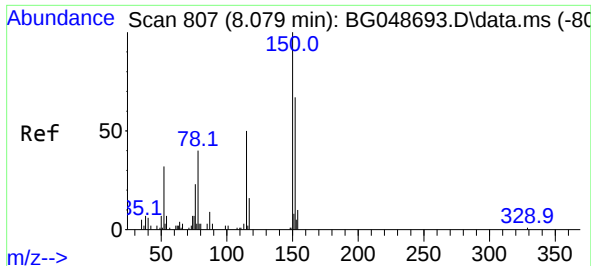
Instrument :
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Quant Time: Apr 23 23:32:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 17:33:30 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. -0.005 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

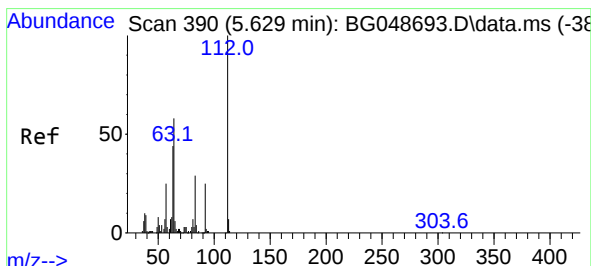
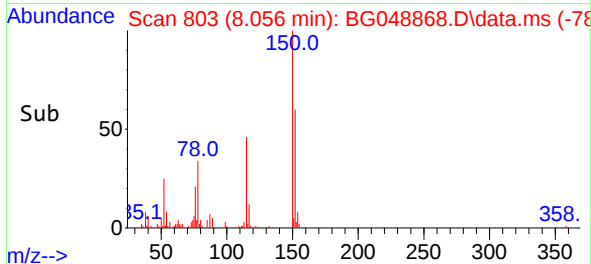
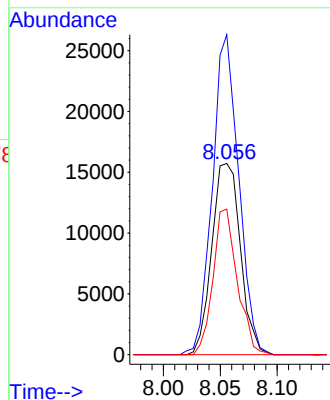
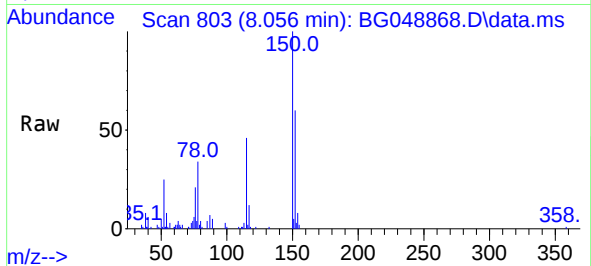
Tgt Ion:152 Resp: 27502

Ion	Ratio	Lower	Upper
152	100		
150	167.4	119.4	179.0
115	76.2	60.2	90.4

Instrument :
BNA_G
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FK-GF-02-072-B

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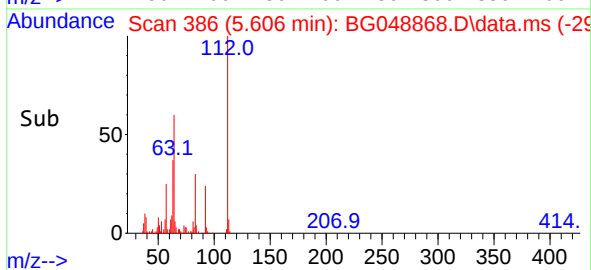
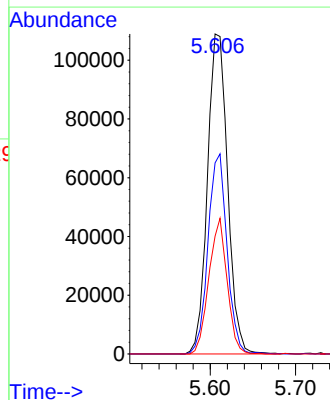
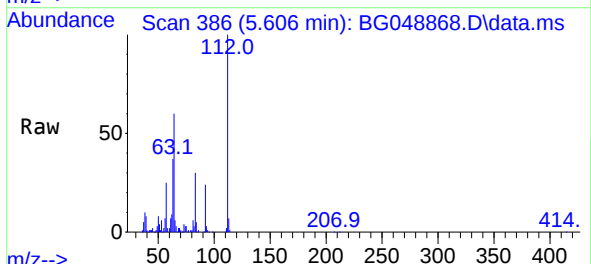
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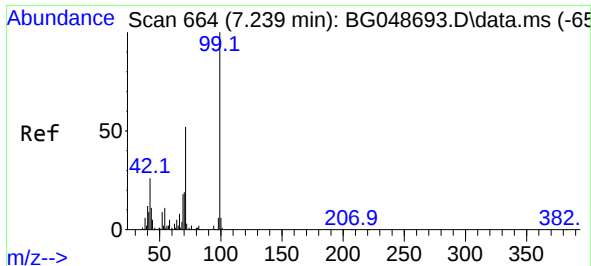


#5
2-Fluorophenol
Concen: 108.82 ng
RT: 5.606 min Scan# 386
Delta R.T. 0.000 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

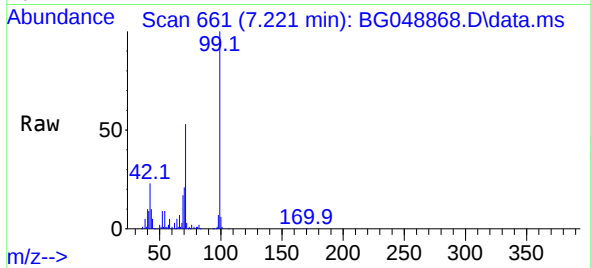
Tgt Ion:112 Resp: 178934

Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.7	70.1
63	36.8	35.3	52.9

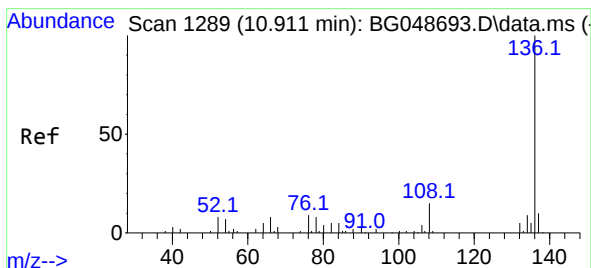
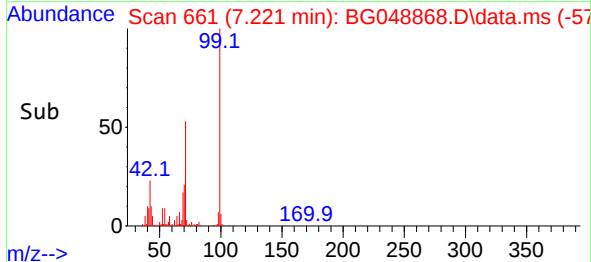
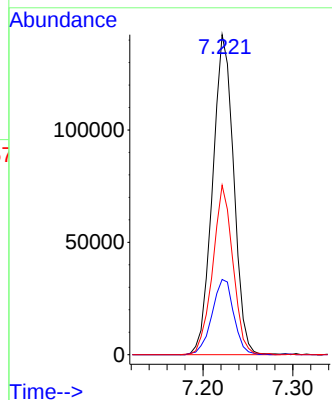




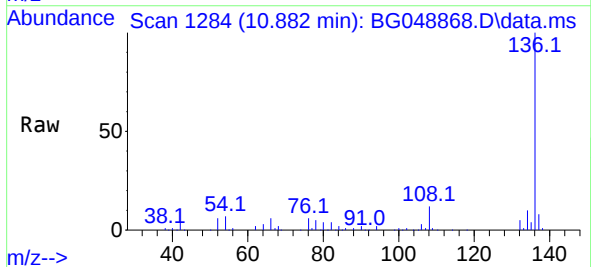
#7
Phenol-d6
Concen: 99.94 ng
RT: 7.221 min Scan# 661
Delta R.T. 0.000 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11



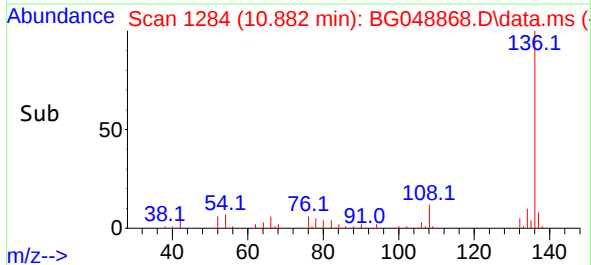
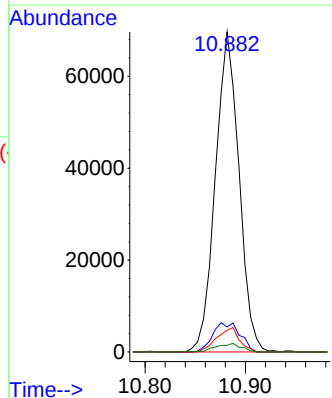
Tgt Ion: 99 Resp: 232446
Ion Ratio Lower Upper
99 100
42 23.5 20.5 30.7
71 53.0 41.5 62.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.882 min Scan# 1284
Delta R.T. -0.011 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11



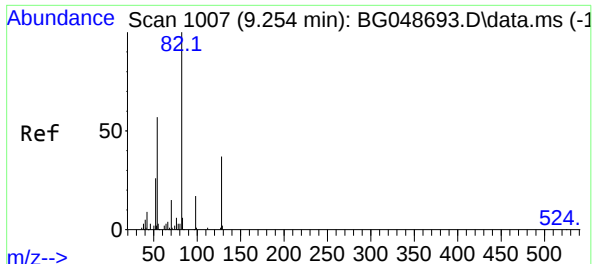
Tgt Ion: 136 Resp: 113838
Ion Ratio Lower Upper
136 100
137 7.8 8.2 12.2#
54 6.8 5.5 8.3
68 2.4 2.3 3.5



Instrument :
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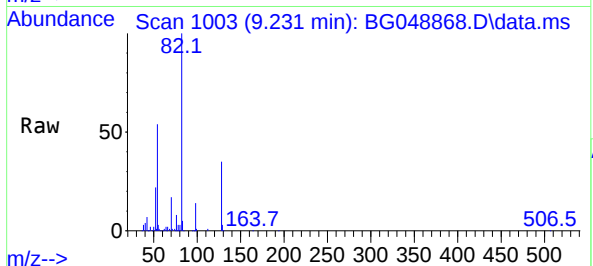
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#23
Nitrobenzene-d5
Concen: 68.71 ng
RT: 9.231 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

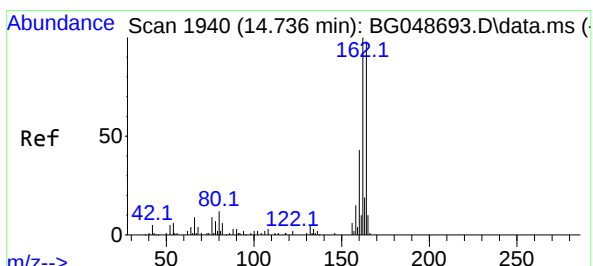
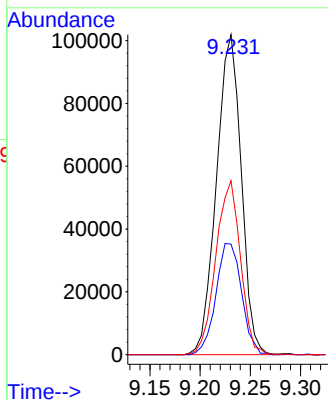
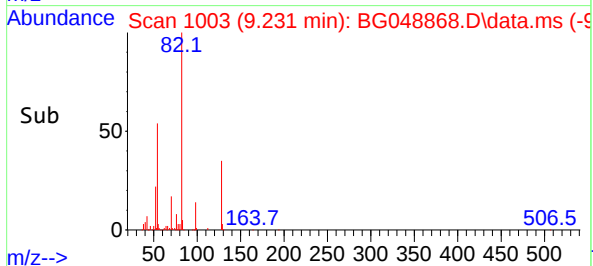
Instrument :
BNA_G
ClientSampleId :
FK-GF-02-072-B



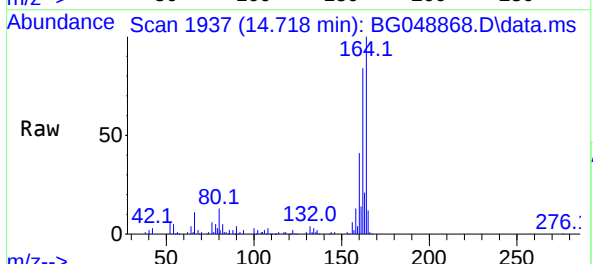
Tgt Ion: 82 Resp: 174720
Ion Ratio Lower Upper
82 100
128 34.6 29.8 44.6
54 54.3 45.8 68.8

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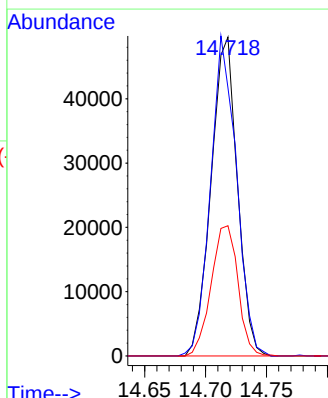
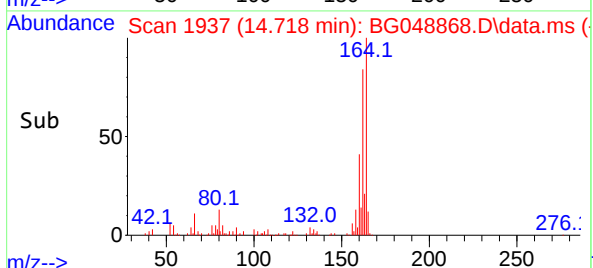
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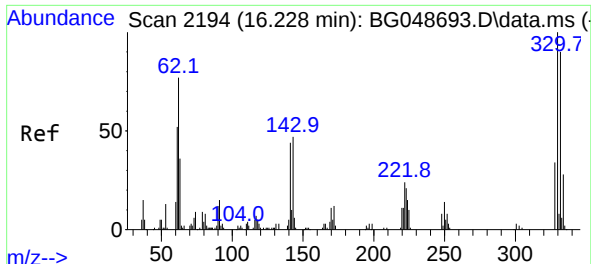


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.718 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11



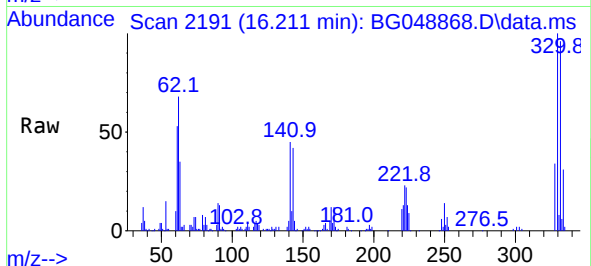
Tgt Ion: 164 Resp: 74327
Ion Ratio Lower Upper
164 100
162 84.1 81.4 122.0
160 40.9 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 85.51 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

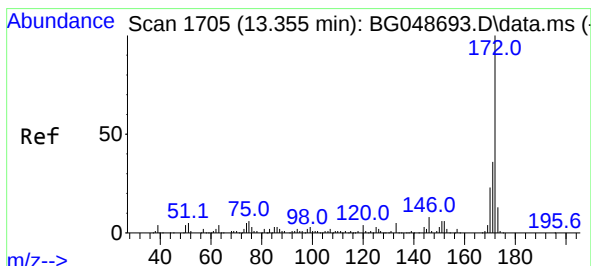
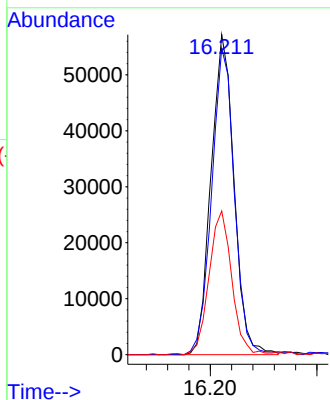
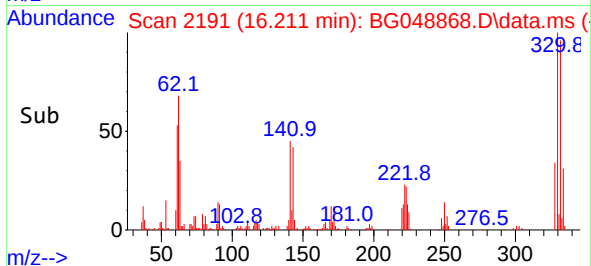
Instrument :
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ClientSampleId :
FK-GF-02-072-B



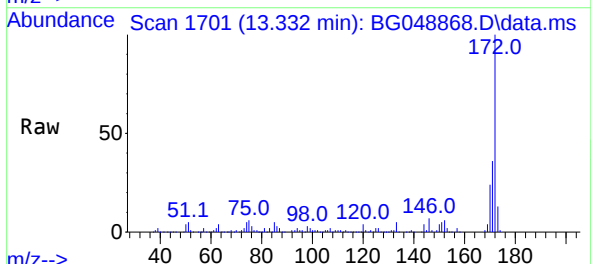
Tgt Ion:330 Resp: 85219
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 44.6 35.6 53.4

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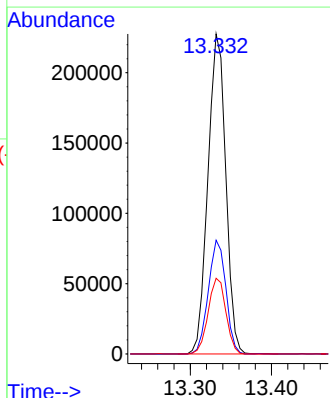
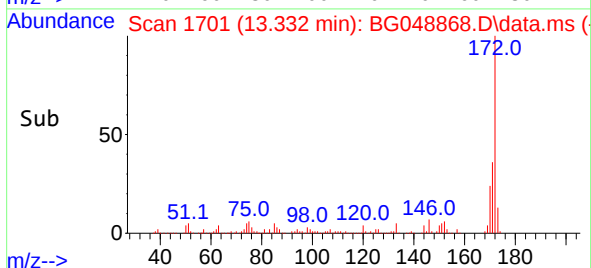
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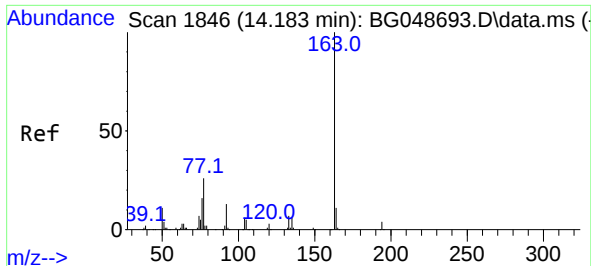


#45
2-Fluorobiphenyl
Concen: 67.39 ng
RT: 13.332 min Scan# 1701
Delta R.T. -0.011 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

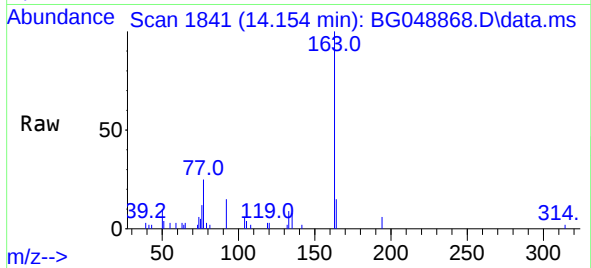


Tgt Ion:172 Resp: 346831
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.6 18.6 27.8

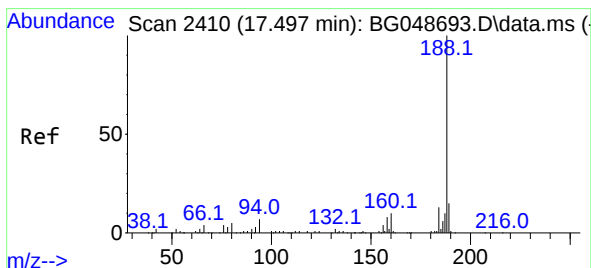
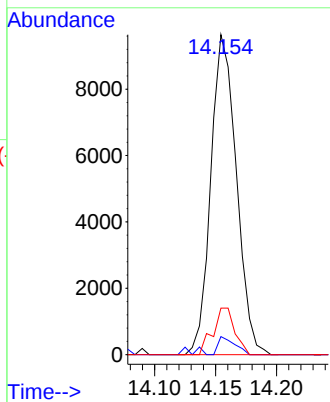
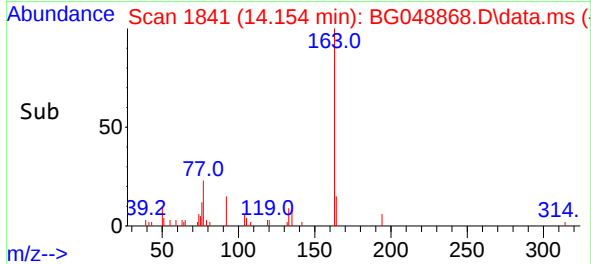




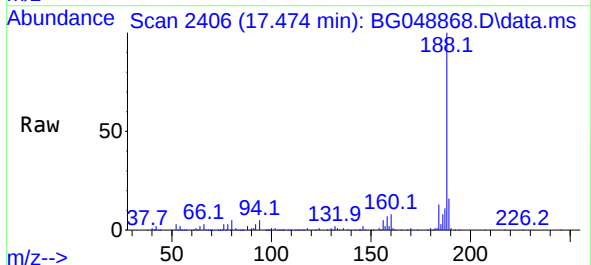
#50
Dimethylphthalate
Concen: 2.53 ng
RT: 14.154 min Scan# 1841
Delta R.T. -0.017 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11



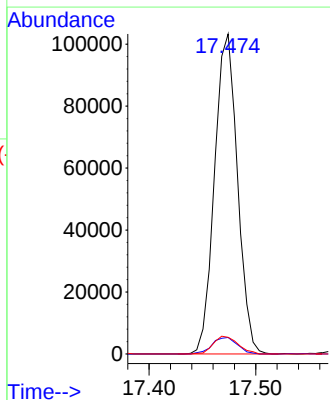
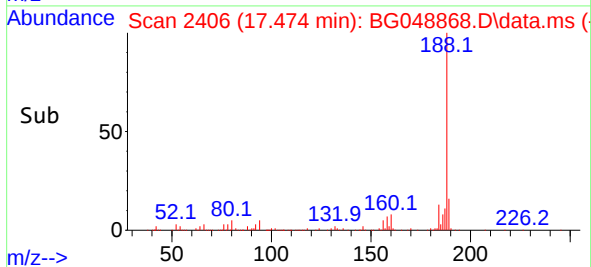
Tgt Ion:163 Resp: 14100
Ion Ratio Lower Upper
163 100
194 5.7 3.0 4.6#
164 14.5 8.6 12.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11



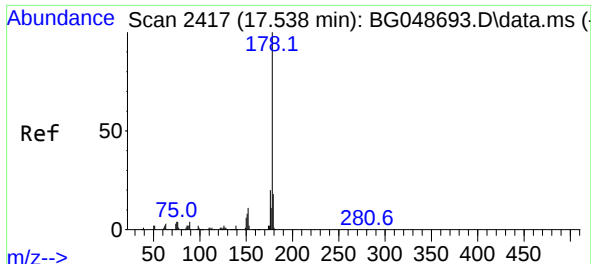
Tgt Ion:188 Resp: 154286
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 5.2 3.7 5.5



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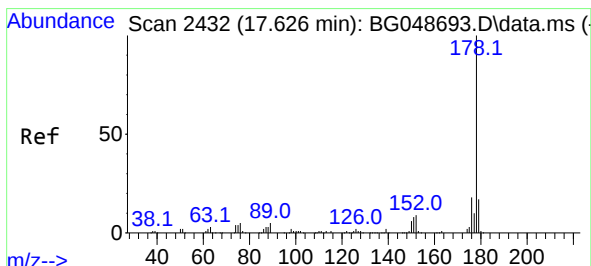
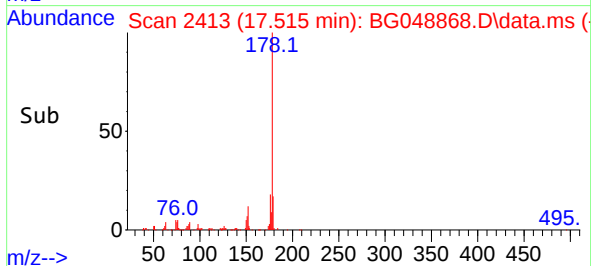
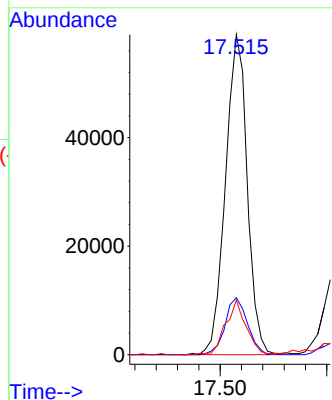
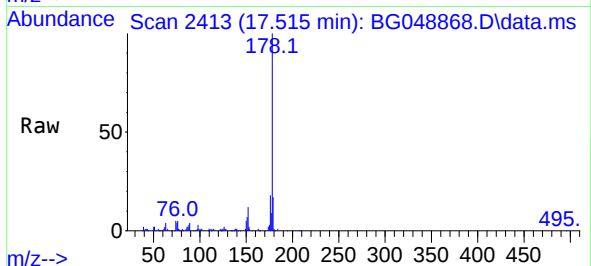
#71
Phenanthrene
Concen: 10.42 ng
RT: 17.515 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

Tgt Ion:178 Resp: 83467
Ion Ratio Lower Upper
178 100
176 17.8 16.0 24.0
179 17.0 14.2 21.4

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-072-B

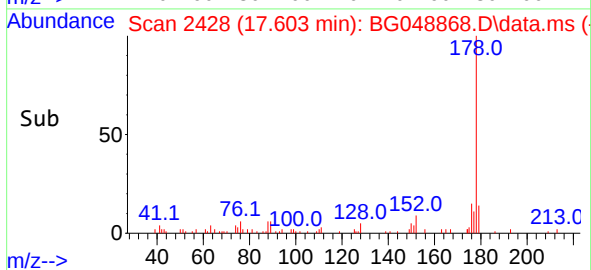
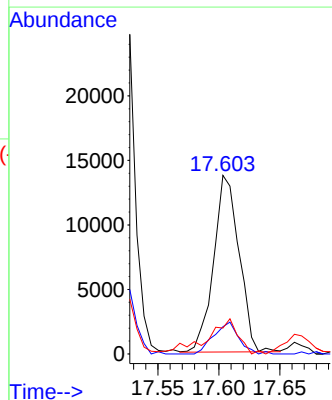
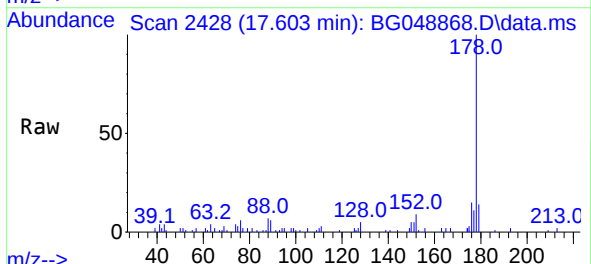
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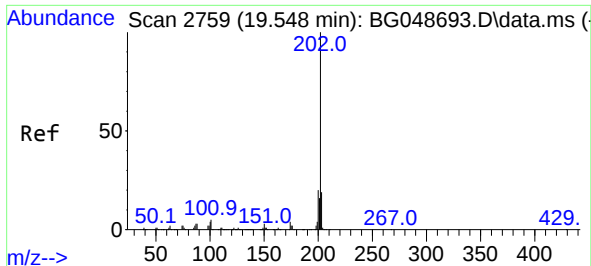
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#72
Anthracene
Concen: 2.52 ng
RT: 17.603 min Scan# 2428
Delta R.T. -0.011 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

Tgt Ion:178 Resp: 19963
Ion Ratio Lower Upper
178 100
176 15.2 14.6 21.8
179 14.5 13.4 20.0





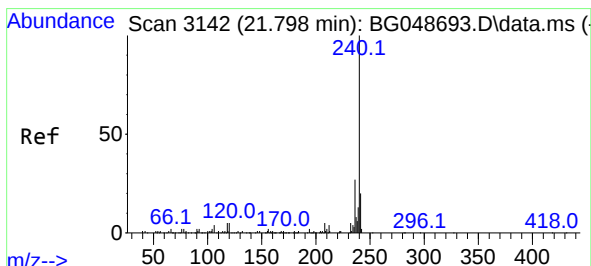
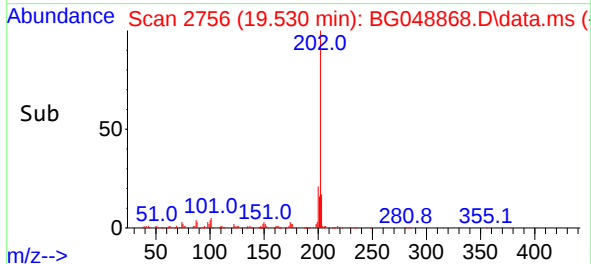
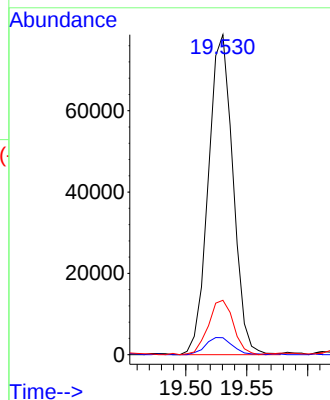
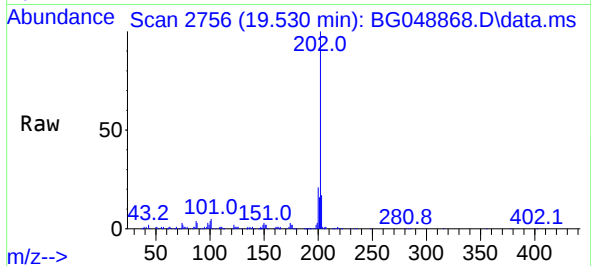
#75
Fluoranthene
Concen: 10.93 ng
RT: 19.530 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

Tgt Ion:202 Resp: 110646
Ion Ratio Lower Upper
202 100
101 5.3 0.0 24.7
203 17.0 0.0 38.5

Instrument :
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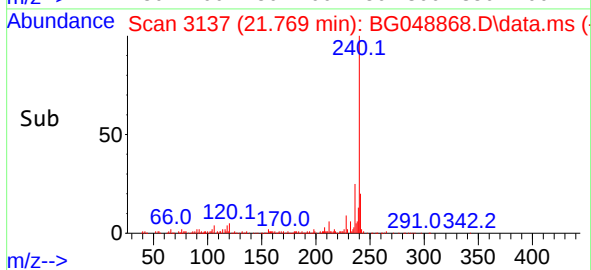
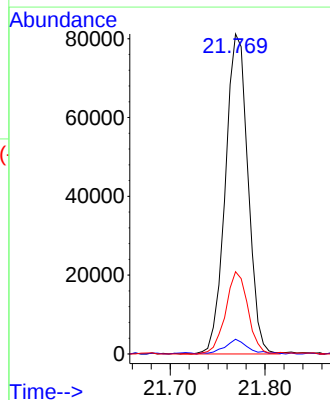
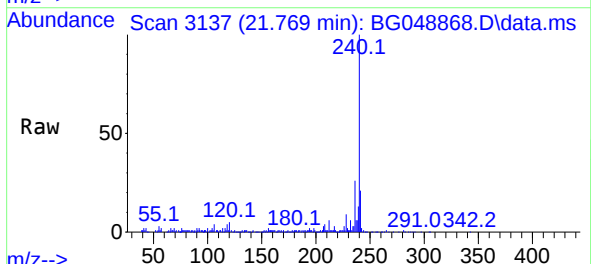
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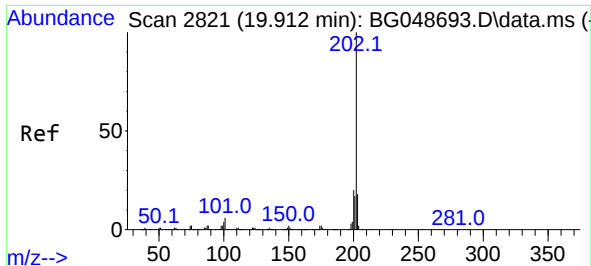
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.769 min Scan# 3137
Delta R.T. -0.011 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

Tgt Ion:240 Resp: 134591
Ion Ratio Lower Upper
240 100
120 4.6 4.2 6.2
236 25.7 21.8 32.6





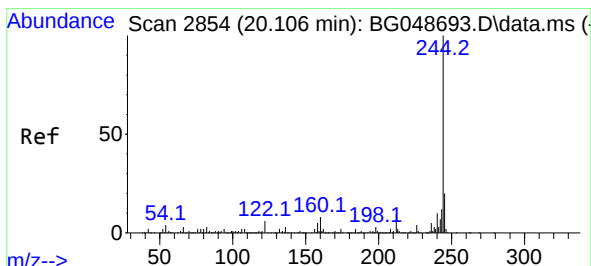
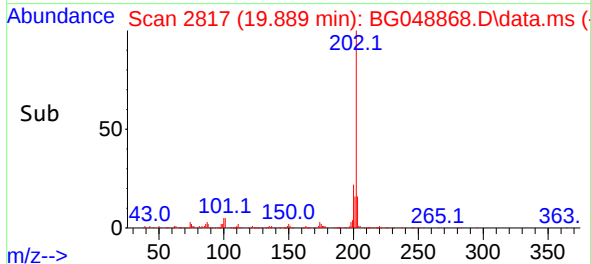
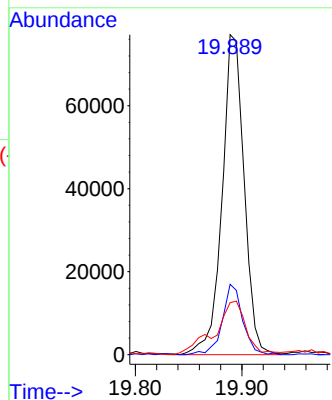
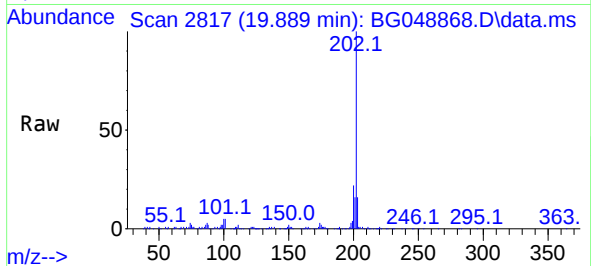
#78
Pyrene
Concen: 11.88 ng
RT: 19.889 min Scan# 2817
Delta R.T. -0.011 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

Tgt Ion:	202	Resp:	110664
Ion Ratio	Lower	Upper	
202	100		
200	22.0	15.8	23.8
203	16.2	14.6	21.8

Instrument :
BNA_G
ClientSampleId :
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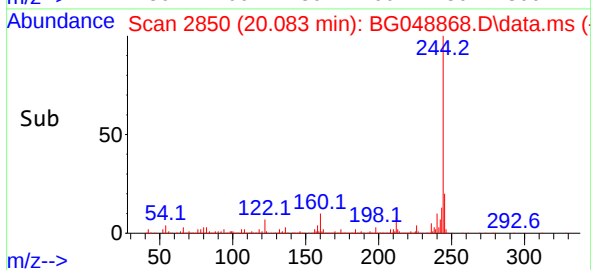
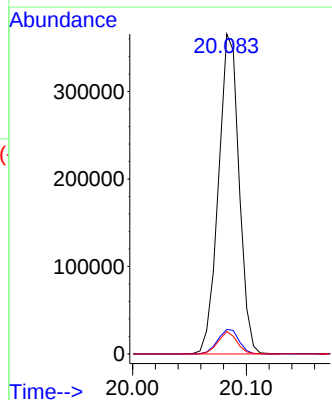
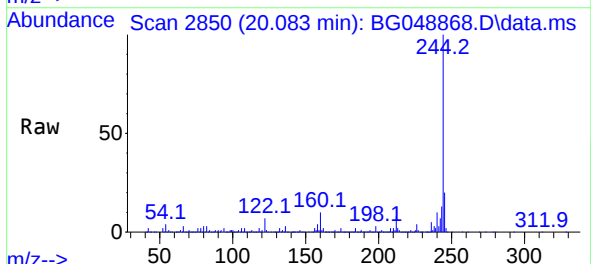
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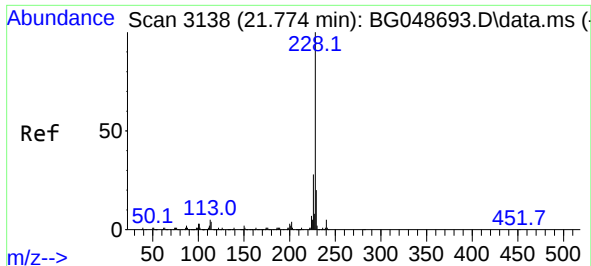
mohammad
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#79
Terphenyl-d14
Concen: 58.91 ng
RT: 20.083 min Scan# 2850
Delta R.T. -0.011 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

Tgt Ion:	244	Resp:	460698
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.9	10.3
122	7.0	5.0	7.6





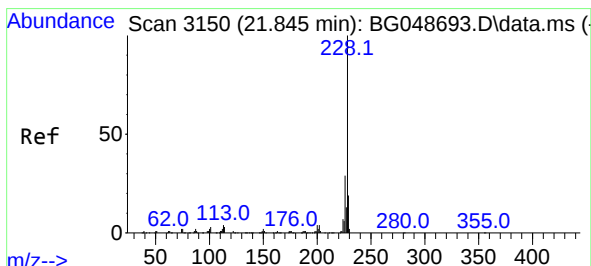
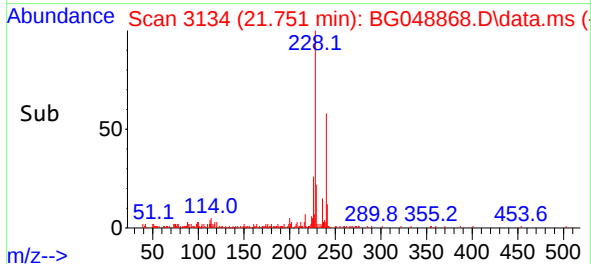
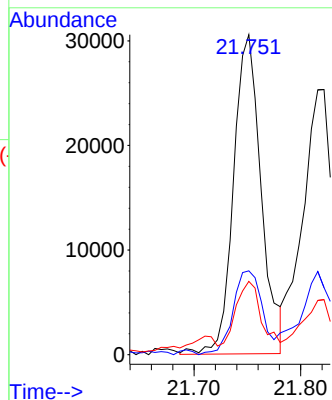
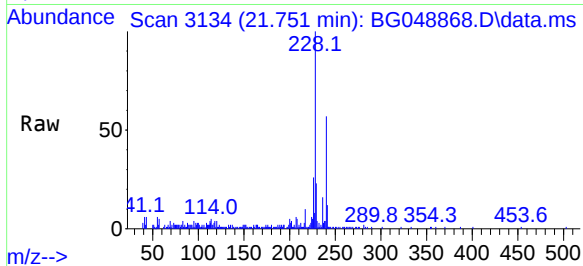
#81
Benzo(a)anthracene
Concen: 5.99 ng
RT: 21.751 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

Tgt Ion:	228	Resp:	55084
Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.7	34.1
229	22.9	16.0	24.0

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-072-B

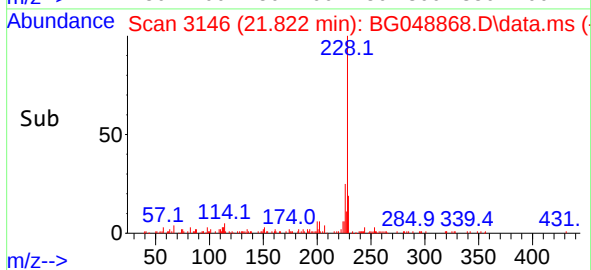
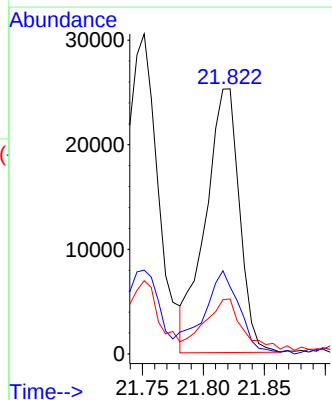
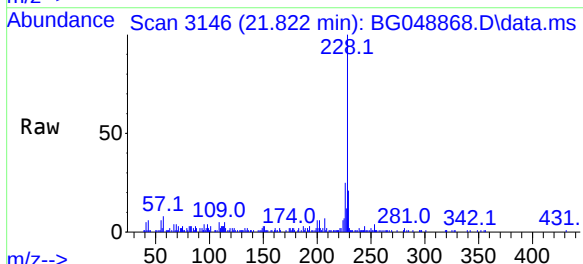
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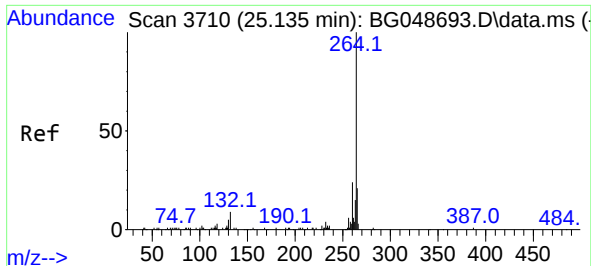
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#83
Chrysene
Concen: 5.58 ng
RT: 21.822 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

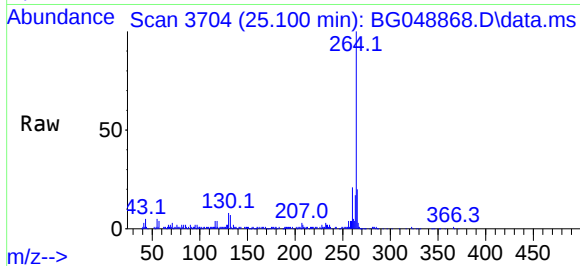
Tgt Ion:	228	Resp:	48918
Ion	Ratio	Lower	Upper
228	100		
226	25.3	23.1	34.7
229	20.8	15.3	22.9





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.100 min Scan# 3704
 Delta R.T. -0.011 min
 Lab File: BG048868.D
 Acq: 23 Apr 2021 18:11

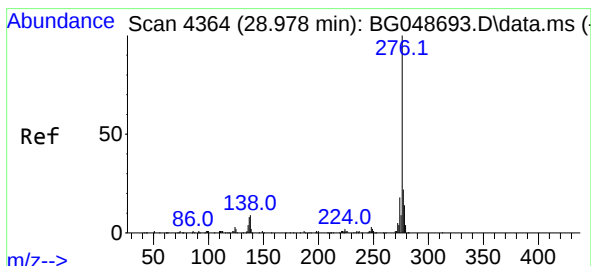
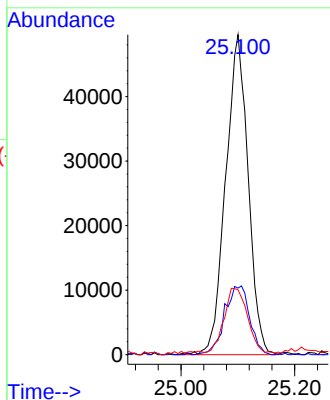
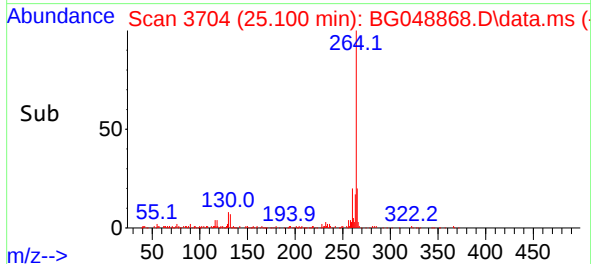
Instrument :
 BNA_G
 ClientSampleId :
 FK-GF-02-072-B



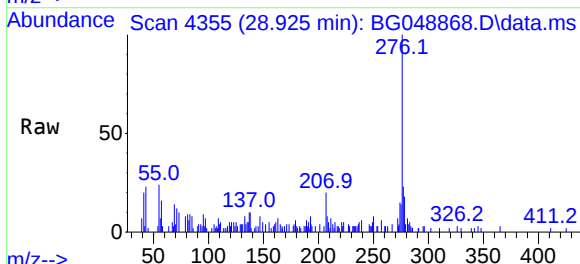
Tgt Ion:264 Resp: 135984
 Ion Ratio Lower Upper
 264 100
 260 20.8 19.4 29.2
 265 20.3 16.9 25.3

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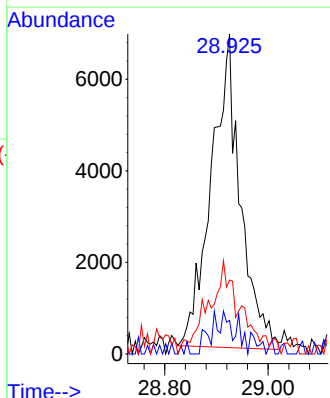
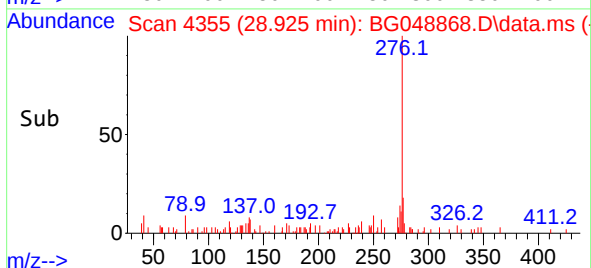
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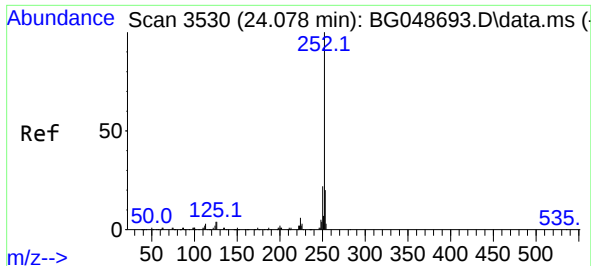


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.68 ng
 RT: 28.925 min Scan# 4355
 Delta R.T. -0.011 min
 Lab File: BG048868.D
 Acq: 23 Apr 2021 18:11



Tgt Ion:276 Resp: 26721
 Ion Ratio Lower Upper
 276 100
 138 3.5 5.1 7.7#
 277 25.3 19.8 29.6





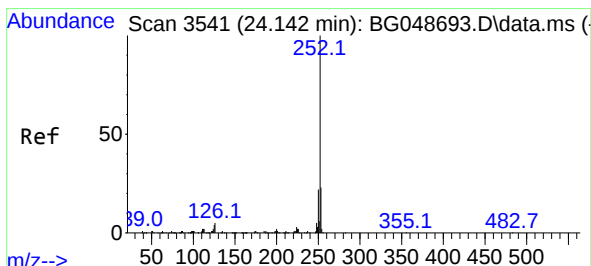
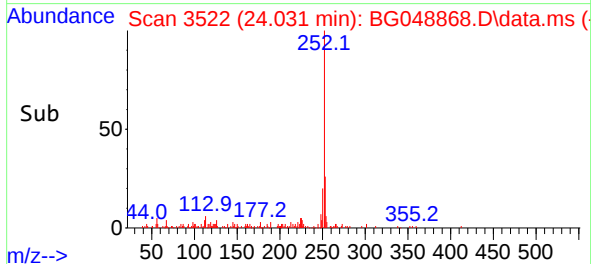
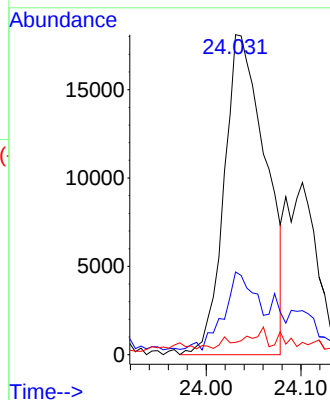
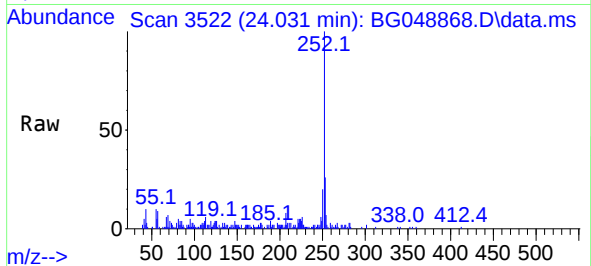
#88
Benzo(b)fluoranthene
Concen: 5.97 ng
RT: 24.031 min Scan# 3522
Delta R.T. -0.017 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	16.2	24.4#
125	3.8	3.0	4.4

Instrument :
BNA_G
ClientSampleId :
FK-GF-02-072-B

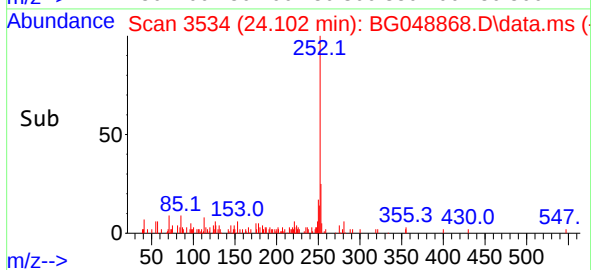
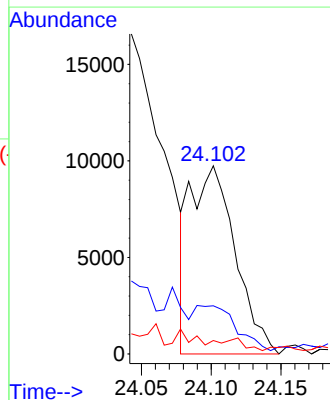
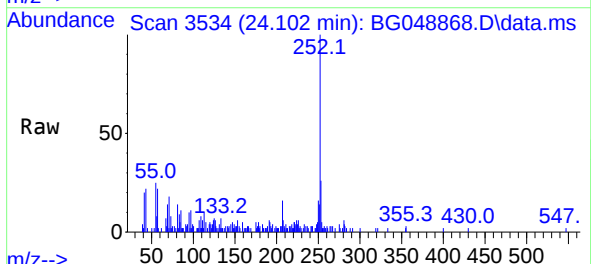
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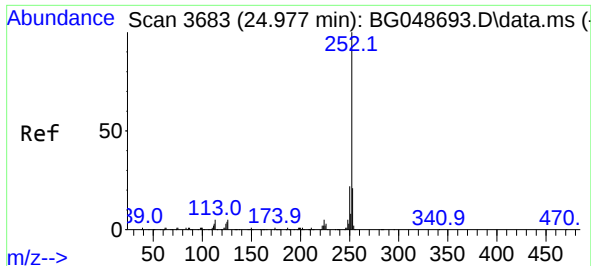
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#89
Benzo(k)fluoranthene
Concen: 2.51 ng m
RT: 24.102 min Scan# 3534
Delta R.T. -0.017 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

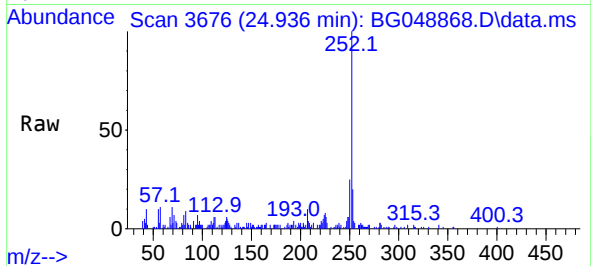
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.0	27.0
125	7.2	3.1	4.7#





#90
Benzo(a)pyrene
Concen: 5.29 ng
RT: 24.936 min Scan# 3676
Delta R.T. -0.017 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11

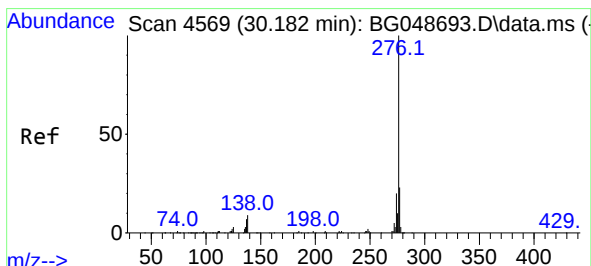
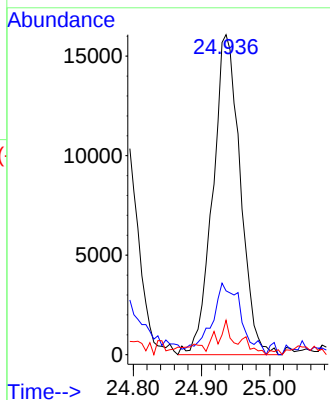
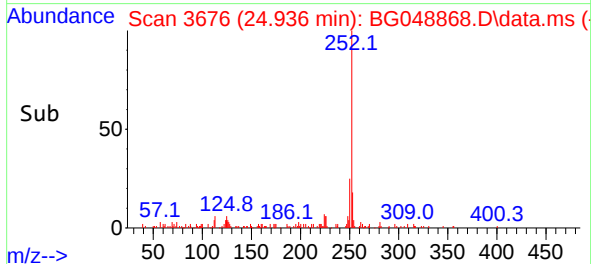
Instrument :
BNA_G
ClientSampleId :
FK-GF-02-072-B



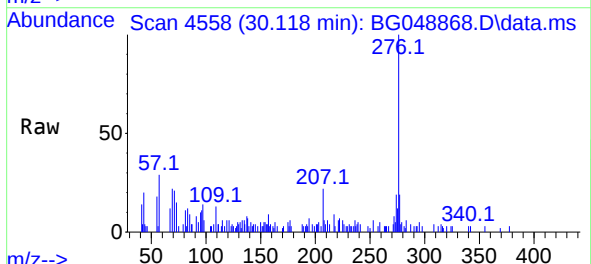
Tgt Ion:252 Resp: 44990
Ion Ratio Lower Upper
252 100
253 19.9 16.6 25.0
125 10.7 3.5 5.3#

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#92
Benzo(g,h,i)perylene
Concen: 3.20 ng
RT: 30.118 min Scan# 4558
Delta R.T. -0.011 min
Lab File: BG048868.D
Acq: 23 Apr 2021 18:11



Tgt Ion:276 Resp: 27021
Ion Ratio Lower Upper
276 100
277 18.6 18.4 27.6
138 7.0 7.0 10.6#

