

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048827.D
 Acq On : 21 Apr 2021 20:06
 Operator : CG/JU
 Sample : M1982-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Manual Integrations
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mohammad
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Quant Time: Apr 22 01:01:28 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	8.063	152	30179	20.00	ng	0.00
21) Naphthalene-d8	10.889	136	125375	20.00	ng	0.00
39) Acenaphthene-d10	14.720	164	84667	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	197865	20.00	ng	# 0.00
76) Chrysene-d12	21.776	240	178067	20.00	ng	# 0.00
86) Perylene-d12	25.102	264	175187	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.613	112	155105	85.96	ng	0.00
7) Phenol-d6	7.223	99	202114	79.19	ng	0.00
23) Nitrobenzene-d5	9.232	82	155669	55.59	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	85718	75.51	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	323679	55.21	ng	0.00
79) Terphenyl-d14	20.090	244	501813	48.50	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.246	94	5301	2.11	ng	91
50) Dimethylphthalate	14.168	163	14040	2.21	ng	97
75) Fluoranthene	19.532	202	58911	4.54	ng	96
78) Pyrene	19.896	202	55065	4.47	ng	97
81) Benzo(a)anthracene	21.753	228	33907	2.79	ng	97
83) Chrysene	21.817	228	36351m	3.14	ng	
88) Benzo(b)fluoranthene	24.044	252	54925	4.62	ng	# 91
89) Benzo(k)fluoranthene	24.097	252	22588	2.02	ng	# 98
90) Benzo(a)pyrene	24.937	252	39133	3.57	ng	# 95
92) Benzo(g,h,i)perylene	30.108	276	33218	3.05	ng	# 83

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

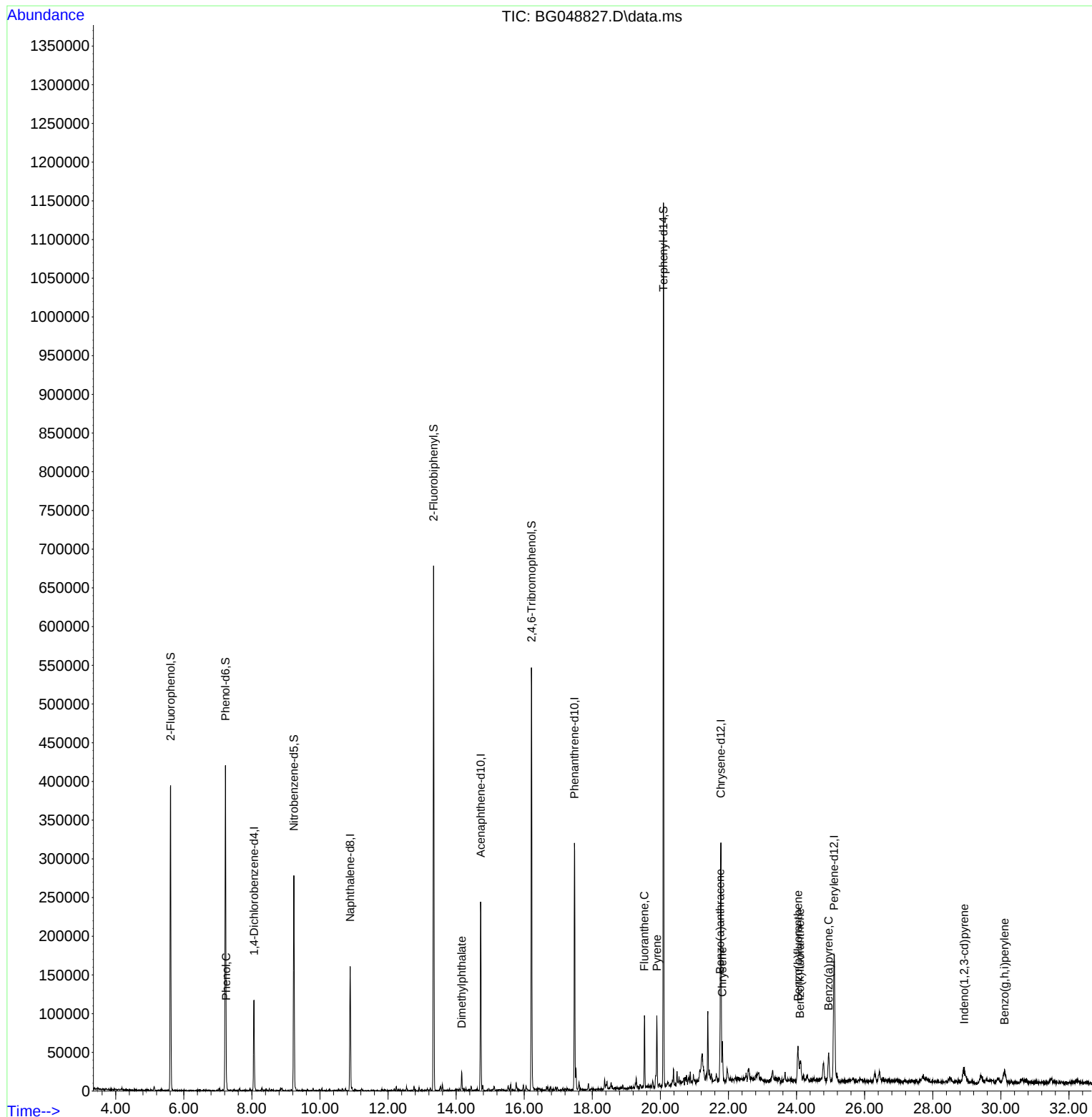
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048827.D
Acq On : 21 Apr 2021 20:06
Operator : CG/JU
Sample : M1982-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

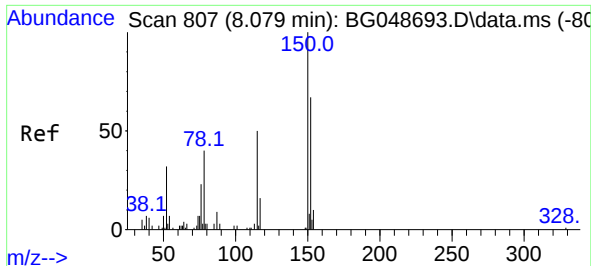
Instrument :
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ClientSampleId :
WC-1

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Quant Time: Apr 22 01:01:28 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





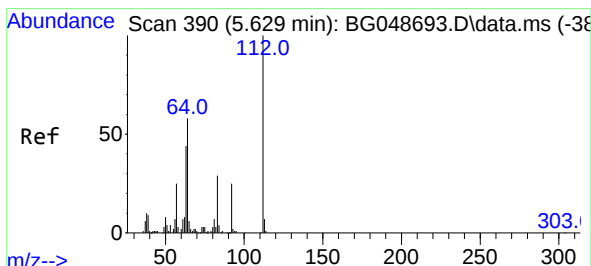
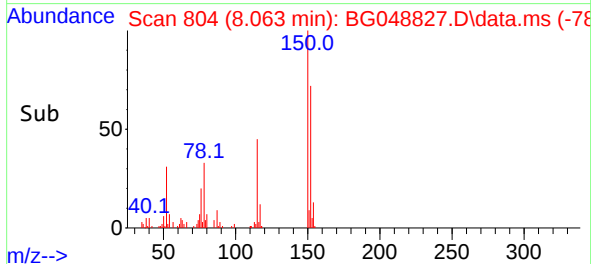
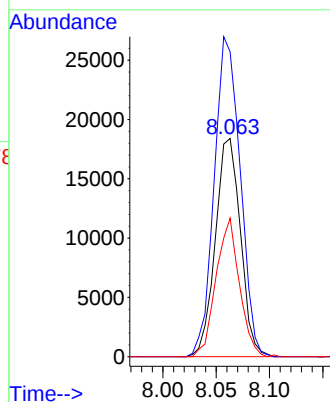
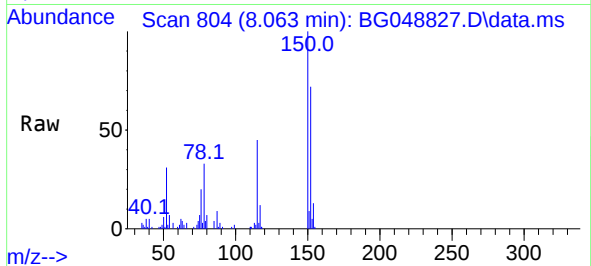
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.063 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:152 Resp: 30179
Ion Ratio Lower Upper
152 100
150 139.7 119.4 179.0
115 63.5 60.2 90.4

Instrument :
BNA_G
ClientSampled :
WC-1

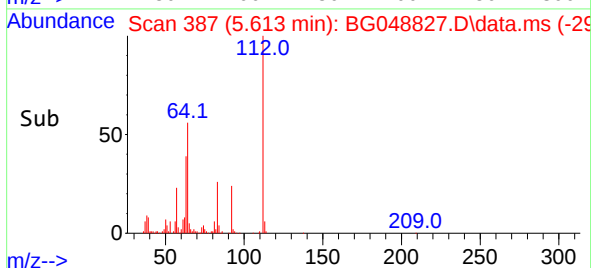
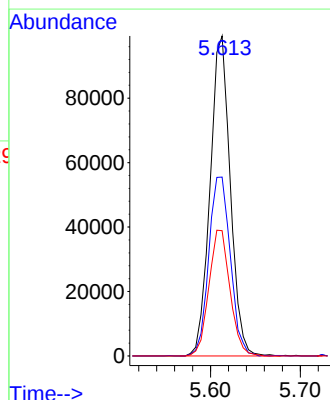
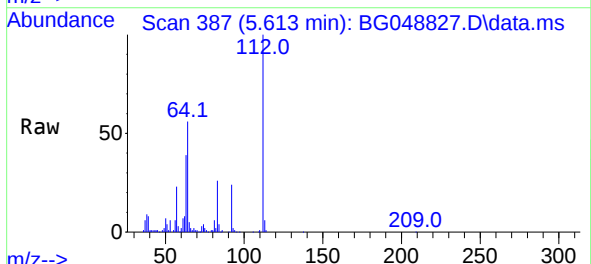
Manual Integrations
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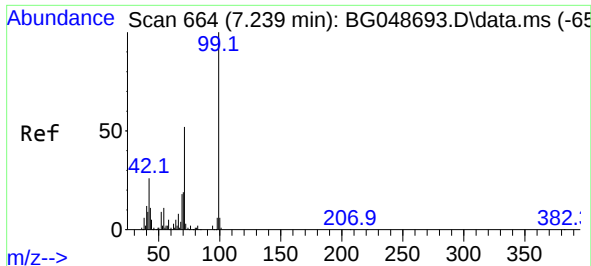
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#5
2-Fluorophenol
Concen: 85.96 ng
RT: 5.613 min Scan# 387
Delta R.T. 0.008 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:112 Resp: 155105
Ion Ratio Lower Upper
112 100
64 55.9 46.7 70.1
63 39.2 35.3 52.9





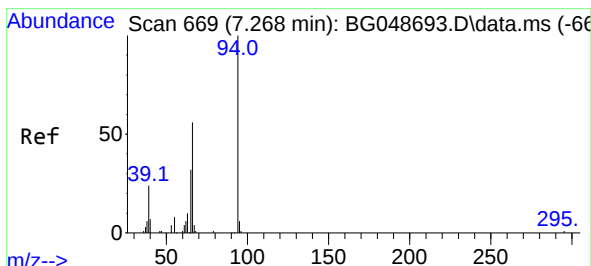
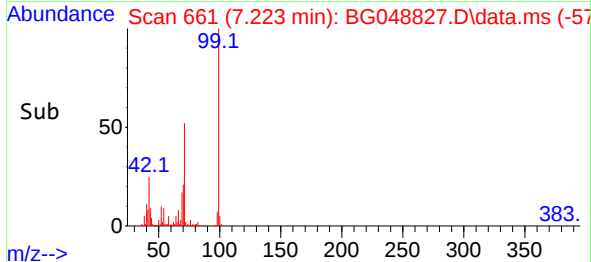
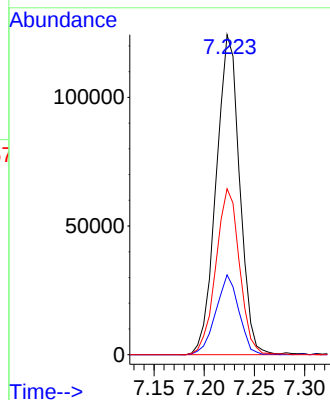
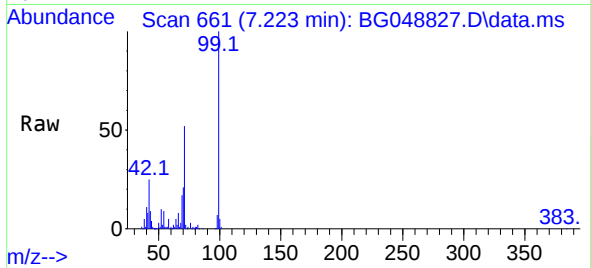
#7
Phenol-d6
Concen: 79.19 ng
RT: 7.223 min Scan# 661
Delta R.T. 0.002 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion: 99 Resp: 202114
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 51.9 41.5 62.3

Instrument :
BNA_G
ClientSampled :
WC-1

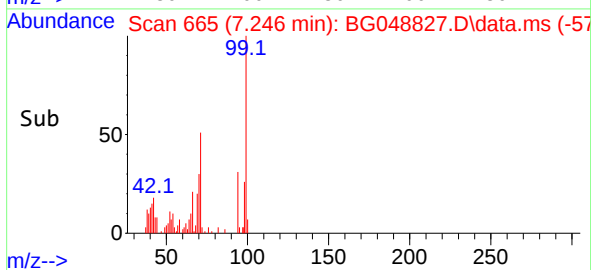
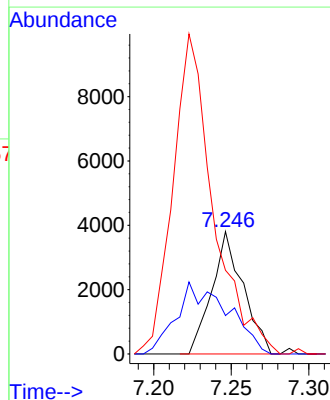
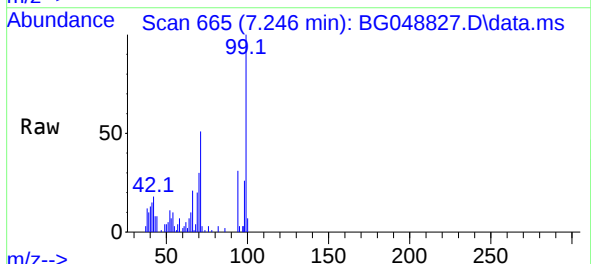
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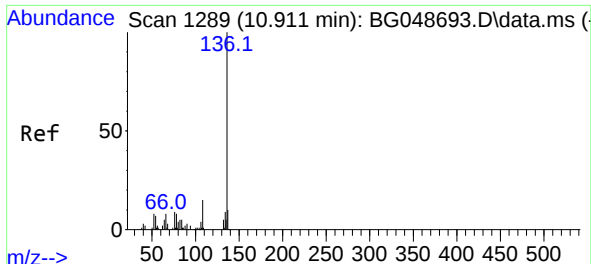
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#10
Phenol
Concen: 2.11 ng
RT: 7.246 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion: 94 Resp: 5301
Ion Ratio Lower Upper
94 100
65 31.4 12.9 52.9
66 68.4 39.4 79.4





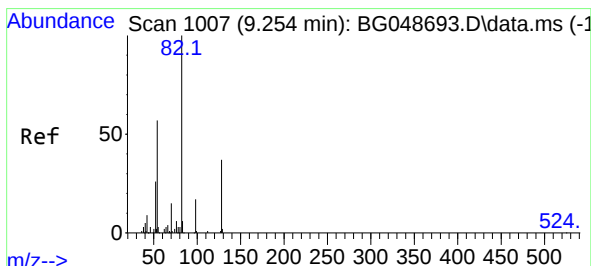
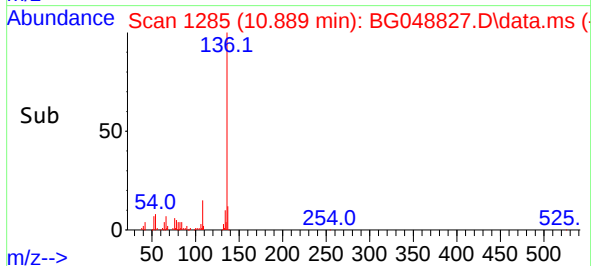
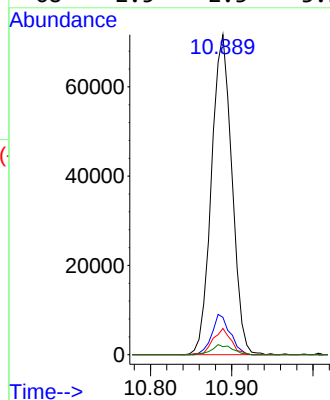
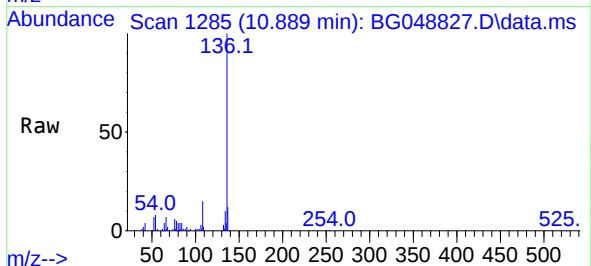
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.889 min Scan# 1285
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:	136	Resp:	125375
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.2	12.2
54	8.2	5.5	8.3
68	2.5	2.3	3.5

Instrument :
BNA_G
ClientSampled :
WC-1

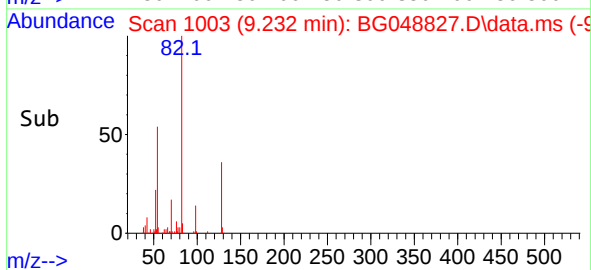
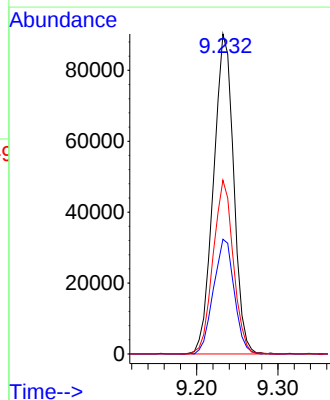
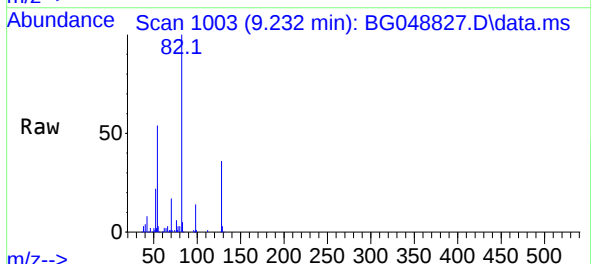
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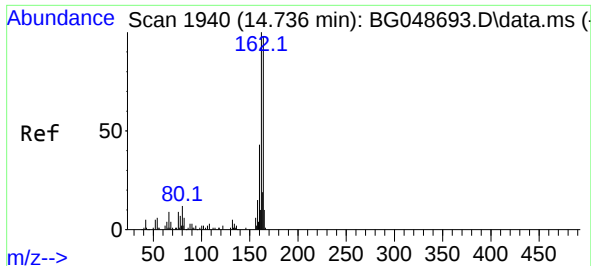
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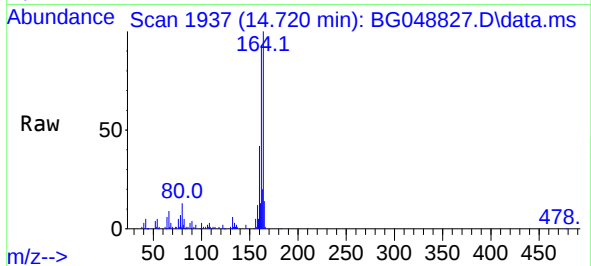
#23
Nitrobenzene-d5
Concen: 55.59 ng
RT: 9.232 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:	82	Resp:	155669
Ion Ratio	Lower	Upper	
82	100		
128	35.9	29.8	44.6
54	54.3	45.8	68.8

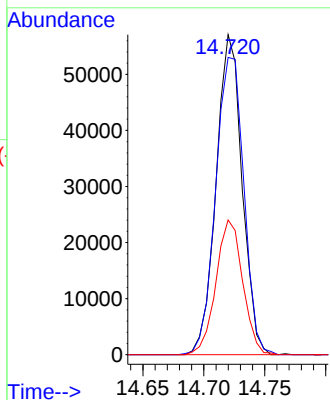
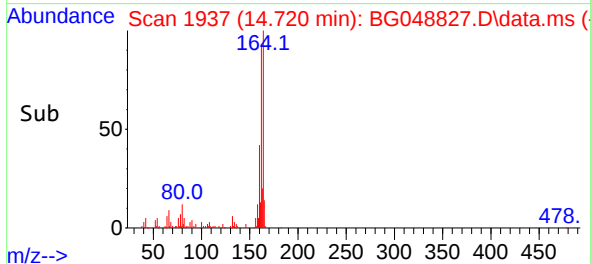




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.720 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06



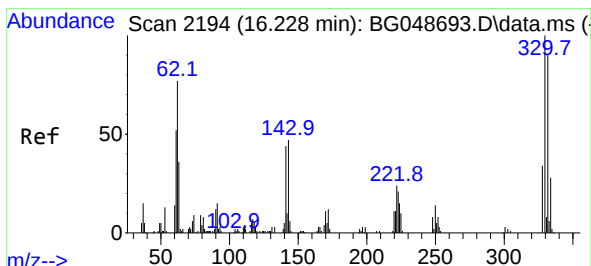
Tgt Ion:164 Resp: 84667
Ion Ratio Lower Upper
164 100
162 92.9 81.4 122.0
160 42.1 34.9 52.3



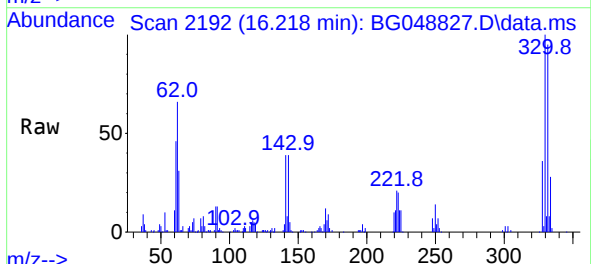
Instrument :
BNA_G
ClientSampleId :
WC-1

Manual Integrations
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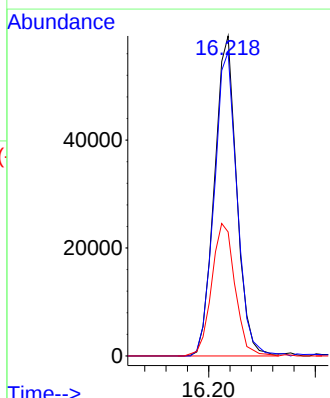
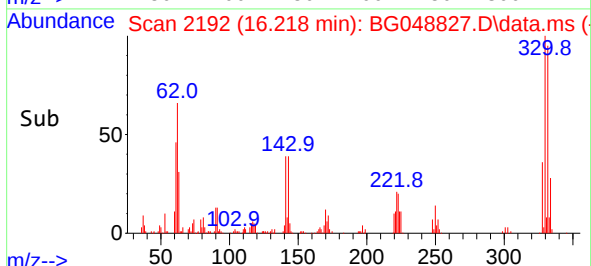
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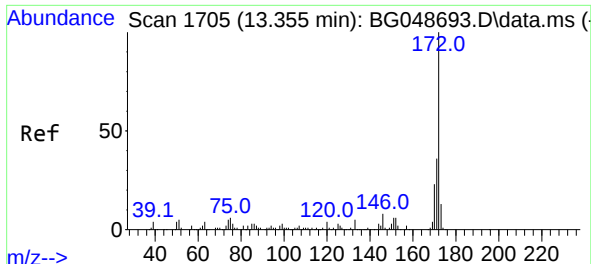


#42
2,4,6-Tribromophenol
Concen: 75.51 ng
RT: 16.218 min Scan# 2192
Delta R.T. 0.002 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06



Tgt Ion:330 Resp: 85718
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 43.5 35.6 53.4





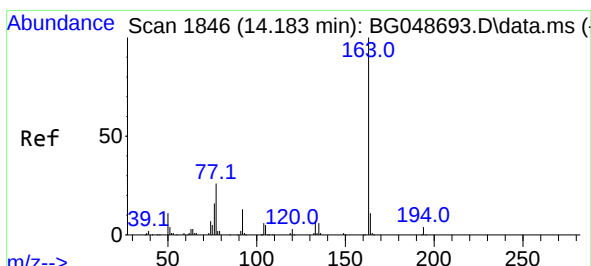
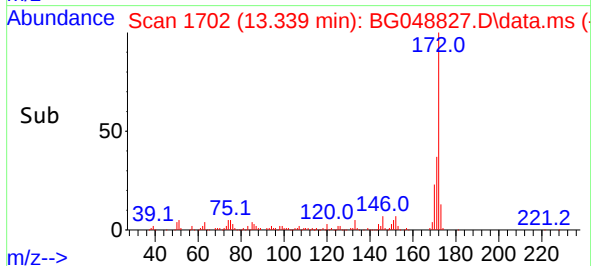
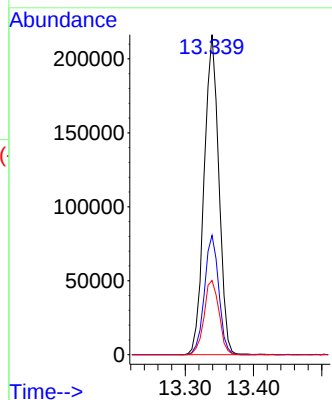
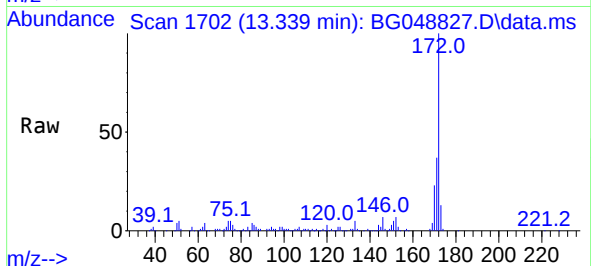
#45
2-Fluorobiphenyl
Concen: 55.21 ng
RT: 13.339 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:	172	Resp:	323679
Ion Ratio	Lower	Upper	
172	100		
171	37.3	28.6	43.0
170	23.2	18.6	27.8

Instrument :
BNA_G
ClientSampled :
WC-1

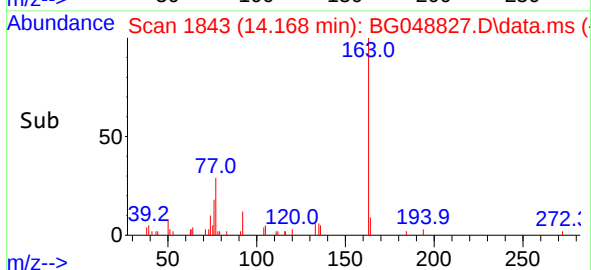
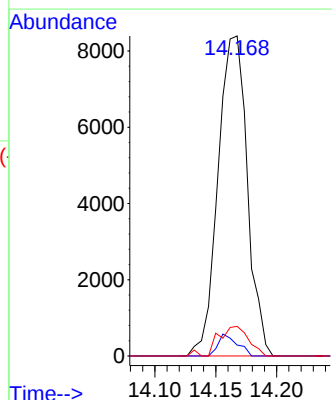
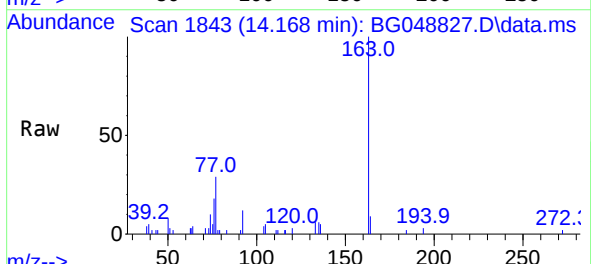
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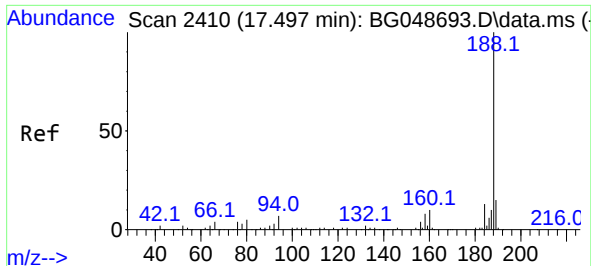
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#50
Dimethylphthalate
Concen: 2.21 ng
RT: 14.168 min Scan# 1843
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

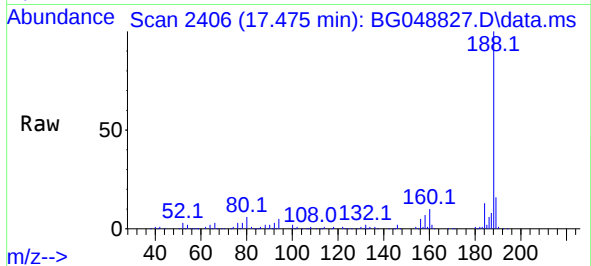
Tgt Ion:	163	Resp:	14040
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.0	4.6
164	9.3	8.6	12.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.475 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

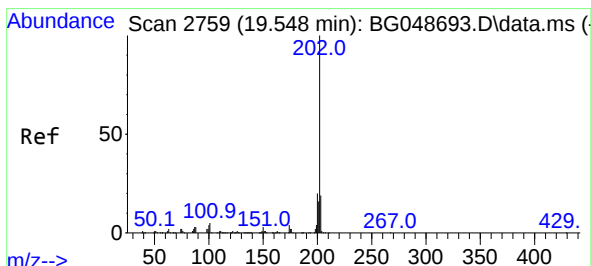
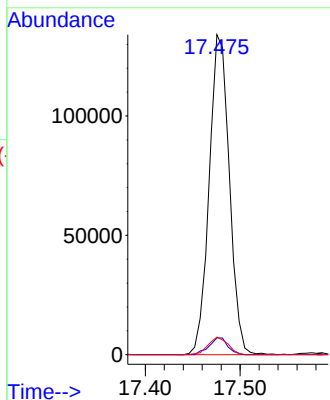
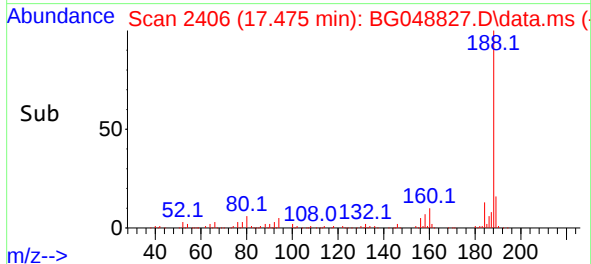
Instrument :
BNA_G
ClientSampled :
WC-1



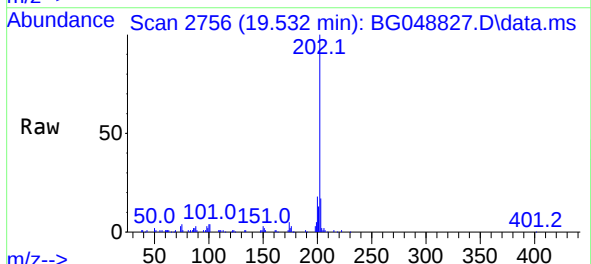
Tgt Ion:188 Resp: 197865
Ion Ratio Lower Upper
188 100
94 5.2 5.4 8.0#
80 5.5 3.7 5.5#

Manual Integrations
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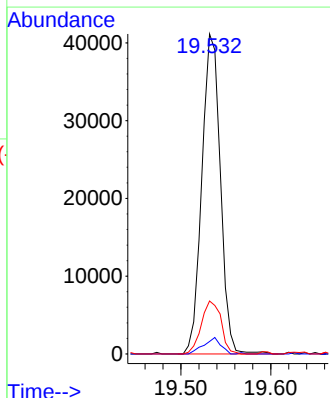
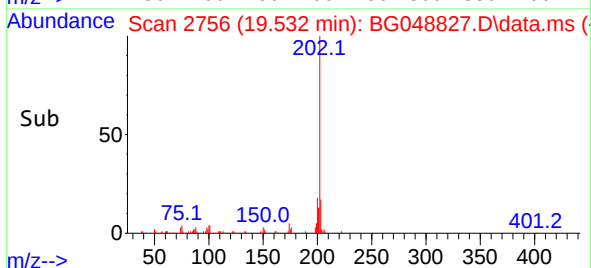
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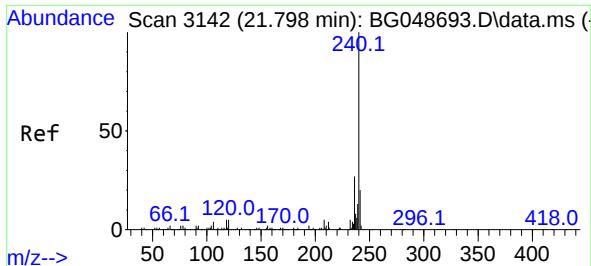


#75
Fluoranthene
Concen: 4.54 ng
RT: 19.532 min Scan# 2756
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06



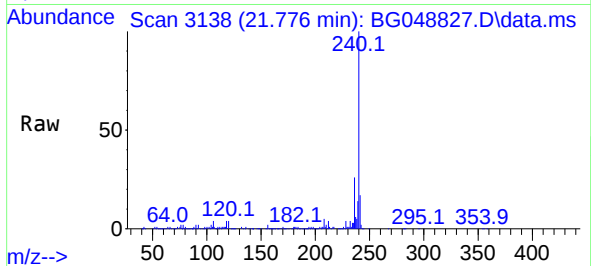
Tgt Ion:202 Resp: 58911
Ion Ratio Lower Upper
202 100
101 3.9 0.0 24.7
203 16.6 0.0 38.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.776 min Scan# 3138
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

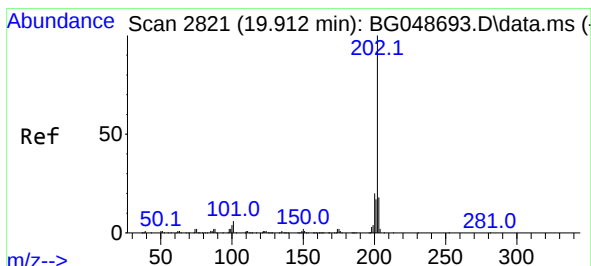
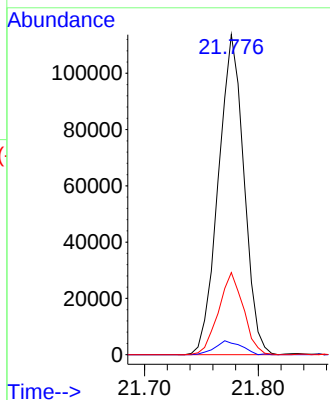
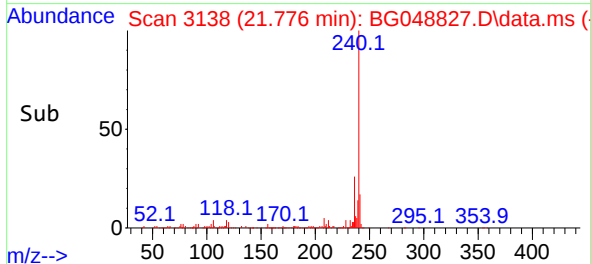
Instrument :
BNA_G
ClientSampled :
WC-1



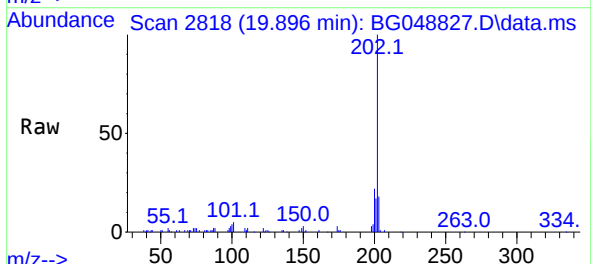
Tgt Ion:240 Resp: 178067
Ion Ratio Lower Upper
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120 3.6 4.2 6.2#
236 25.7 21.8 32.6

Manual Integrations
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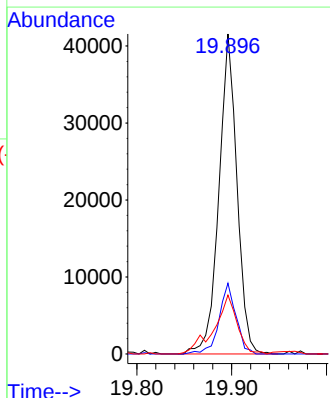
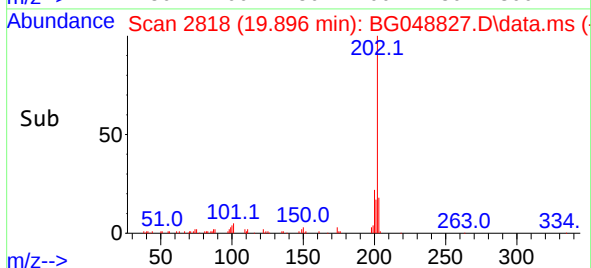
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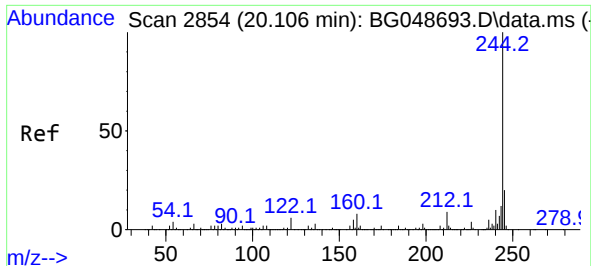


#78
Pyrene
Concen: 4.47 ng
RT: 19.896 min Scan# 2818
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

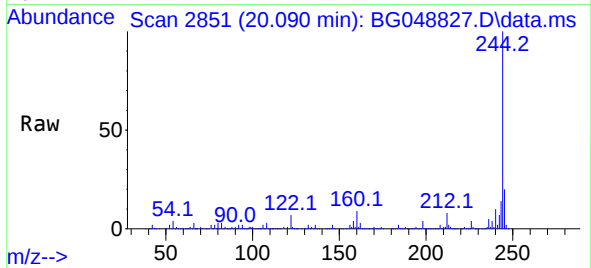


Tgt Ion:202 Resp: 55065
Ion Ratio Lower Upper
202 100
200 22.1 15.8 23.8
203 18.4 14.6 21.8

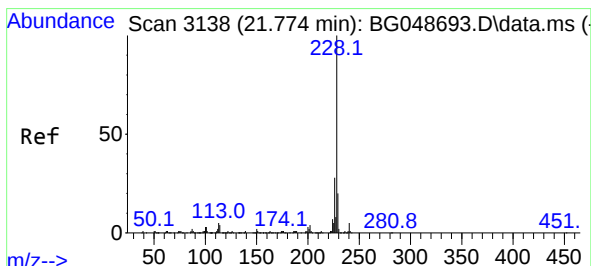
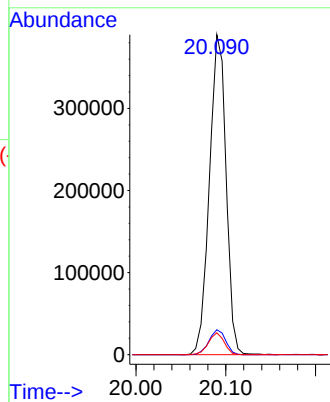
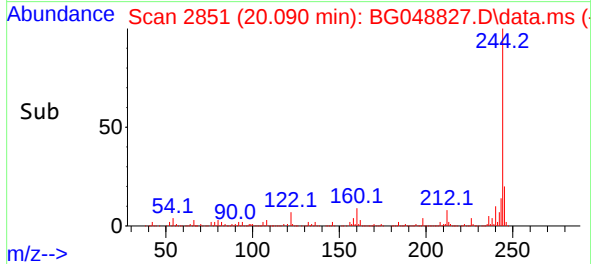




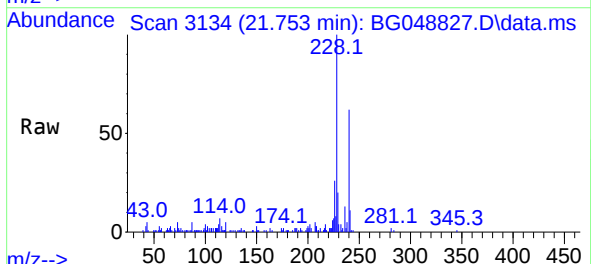
#79
Terphenyl-d14
Concen: 48.50 ng
RT: 20.090 min Scan# 2851
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06



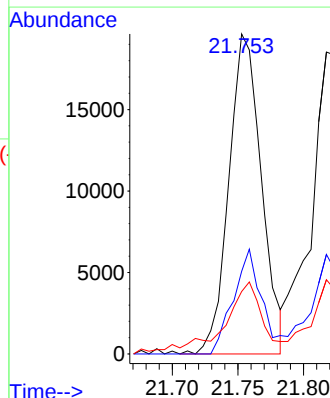
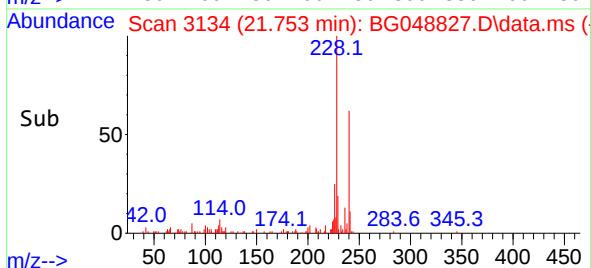
Tgt Ion:244 Resp: 501813
Ion Ratio Lower Upper
244 100
212 7.8 6.9 10.3
122 6.9 5.0 7.6



#81
Benzo(a)anthracene
Concen: 2.79 ng
RT: 21.753 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06



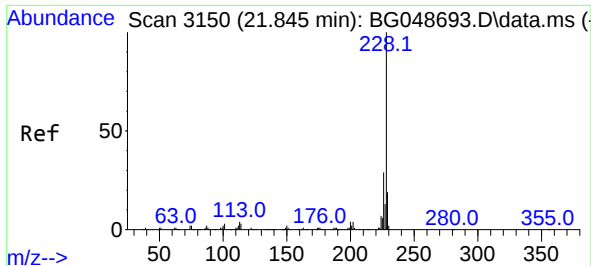
Tgt Ion:228 Resp: 33907
Ion Ratio Lower Upper
228 100
226 25.8 22.7 34.1
229 19.5 16.0 24.0



Instrument :
BNA_G
ClientSampled :
WC-1

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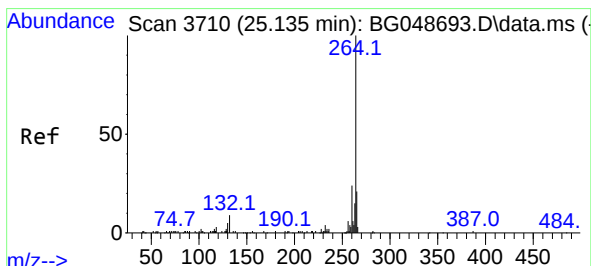
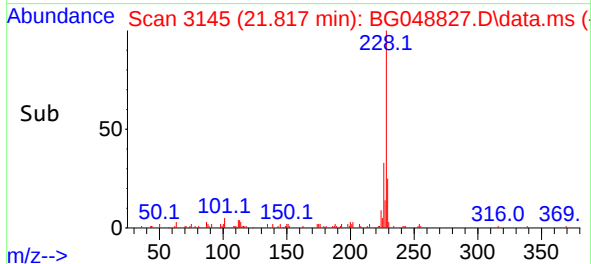
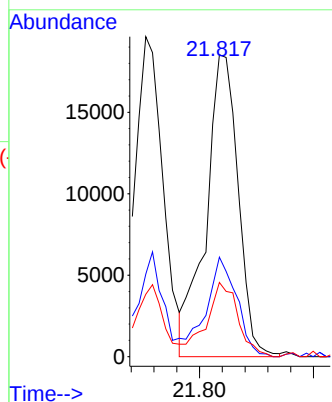
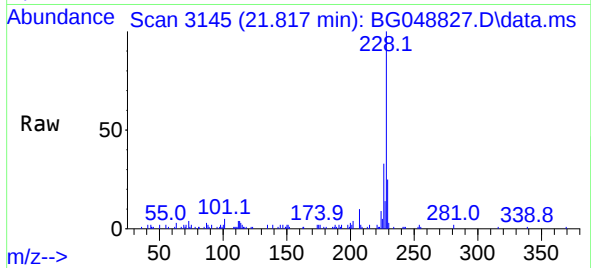
#83
Chrysene
Concen: 3.14 ng m
RT: 21.817 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:	228	Resp:	36351
Ion Ratio	Lower	Upper	
228	100		
226	33.0	23.1	34.7
229	24.6	15.3	22.9#

Instrument :
BNA_G
ClientSampled :
WC-1

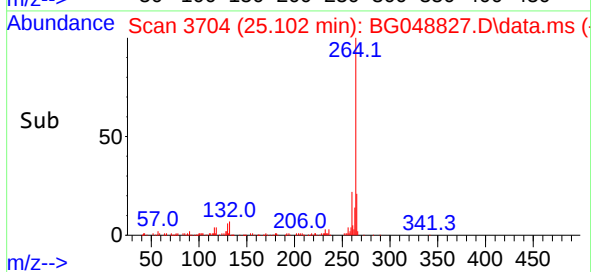
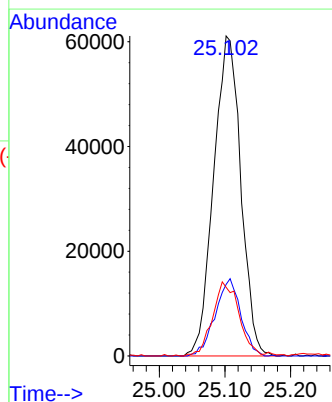
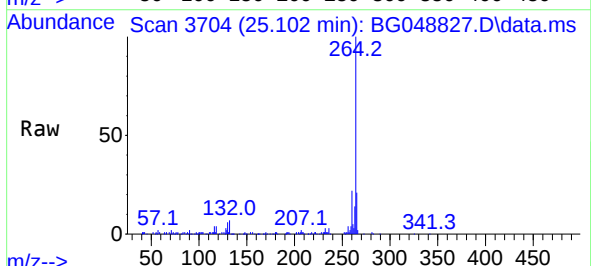
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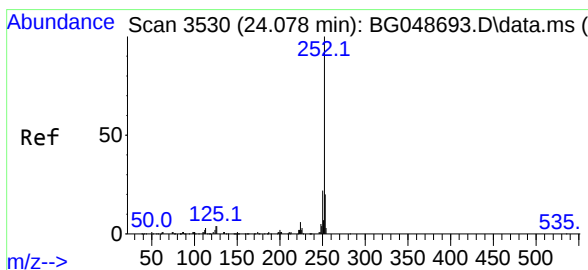
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.102 min Scan# 3704
Delta R.T. -0.010 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:	264	Resp:	175187
Ion Ratio	Lower	Upper	
264	100		
260	22.3	19.4	29.2
265	21.4	16.9	25.3





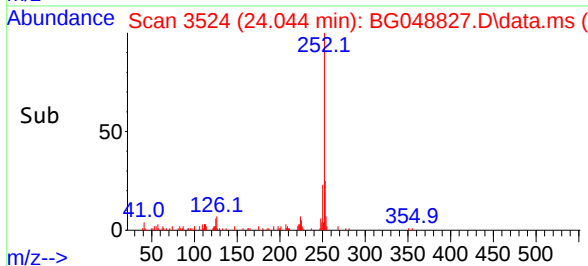
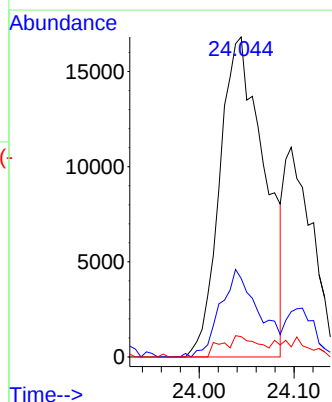
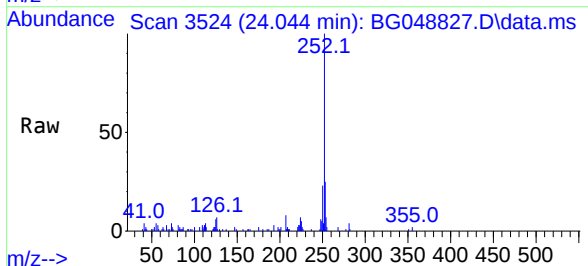
#88
Benzo(b)fluoranthene
Concen: 4.62 ng
RT: 24.044 min Scan# 3524
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Instrument :
BNA_G
ClientSampleId :
WC-1

Tgt Ion:252 Resp: 54925
Ion Ratio Lower Upper
252 100
253 24.5 16.2 24.4#
125 6.4 3.0 4.4#

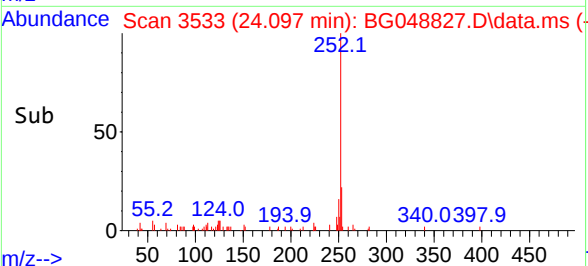
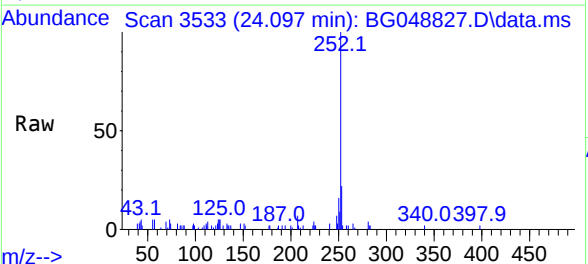
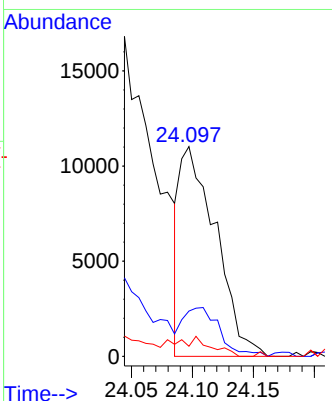
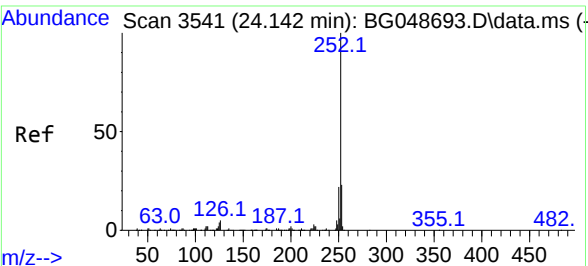
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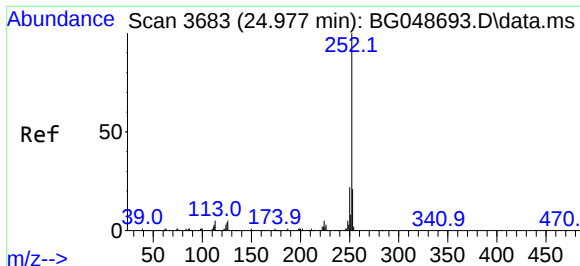
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#89
Benzo(k)fluoranthene
Concen: 2.02 ng
RT: 24.097 min Scan# 3533
Delta R.T. -0.022 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:252 Resp: 22588
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 4.8 3.1 4.7#





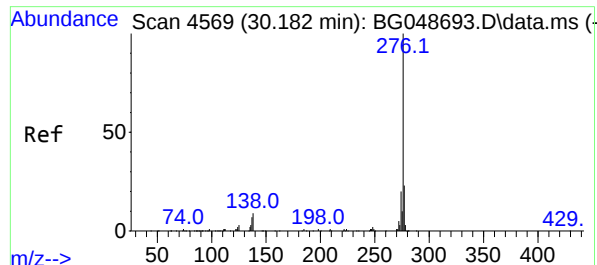
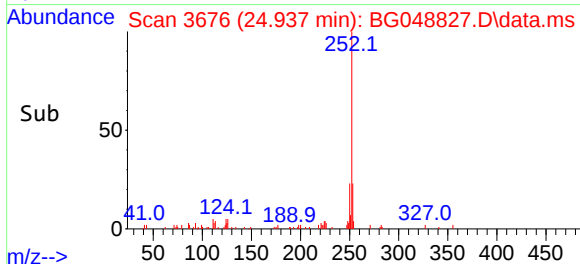
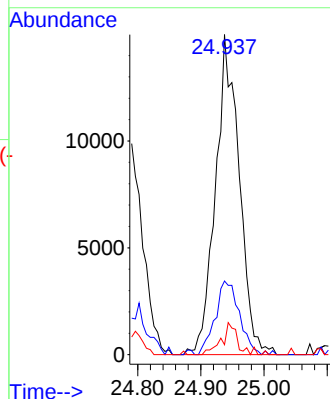
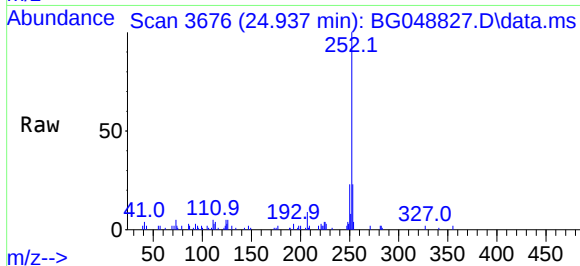
#90
Benzo(a)pyrene
Concen: 3.57 ng
RT: 24.937 min Scan# 3676
Delta R.T. -0.016 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion: 252 Resp: 39133
Ion Ratio Lower Upper
252 100
253 23.0 16.6 25.0
125 3.1 3.5 5.3#

Instrument :
BNA_G
ClientSampleId :
WC-1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.05 ng
RT: 30.108 min Scan# 4556
Delta R.T. -0.022 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion: 276 Resp: 33218
Ion Ratio Lower Upper
276 100
277 33.4 18.4 27.6#
138 6.6 7.0 10.6#

