

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030321\
 Data File : BG048318.D
 Acq On : 3 Mar 2021 18:18
 Operator : CG/JU
 Sample : M1537-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-01-030221

Manual Integrations
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Quant Time: Mar 03 23:57:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 16:40:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	33867	20.00	ng	0.00
21) Naphthalene-d8	10.926	136	131808	20.00	ng	# 0.00
39) Acenaphthene-d10	14.733	164	99604	20.00	ng	0.00
64) Phenanthrene-d10	17.483	188	252769	20.00	ng	# 0.00
76) Chrysene-d12	21.766	240	282912	20.00	ng	# 0.00
86) Perylene-d12	25.057	264	283669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	325129	163.41	ng	0.00
7) Phenol-d6	7.313	99	453173	149.92	ng	0.00
23) Nitrobenzene-d5	9.281	82	333198	106.93	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	249789	156.79	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	682819	96.11	ng	0.00
79) Terphenyl-d14	20.086	244	1243241	80.30	ng	0.00
Target Compounds						
10) Phenol	7.336	94	9285	3.04	ng	# 17
50) Dimethylphthalate	14.187	163	20396	2.45	ng	98
71) Phenanthrene	17.530	178	52820	3.85	ng	# 93
75) Fluoranthene	19.534	202	101525	5.68	ng	93
78) Pyrene	19.892	202	90297m	4.57	ng	
81) Benzo(a)anthracene	21.743	228	50839	2.58	ng	98
83) Chrysene	21.813	228	53370	2.83	ng	97
88) Benzo(b)fluoranthene	24.011	252	58625	2.99	ng	96
90) Benzo(a)pyrene	24.898	252	48005m	2.64	ng	

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

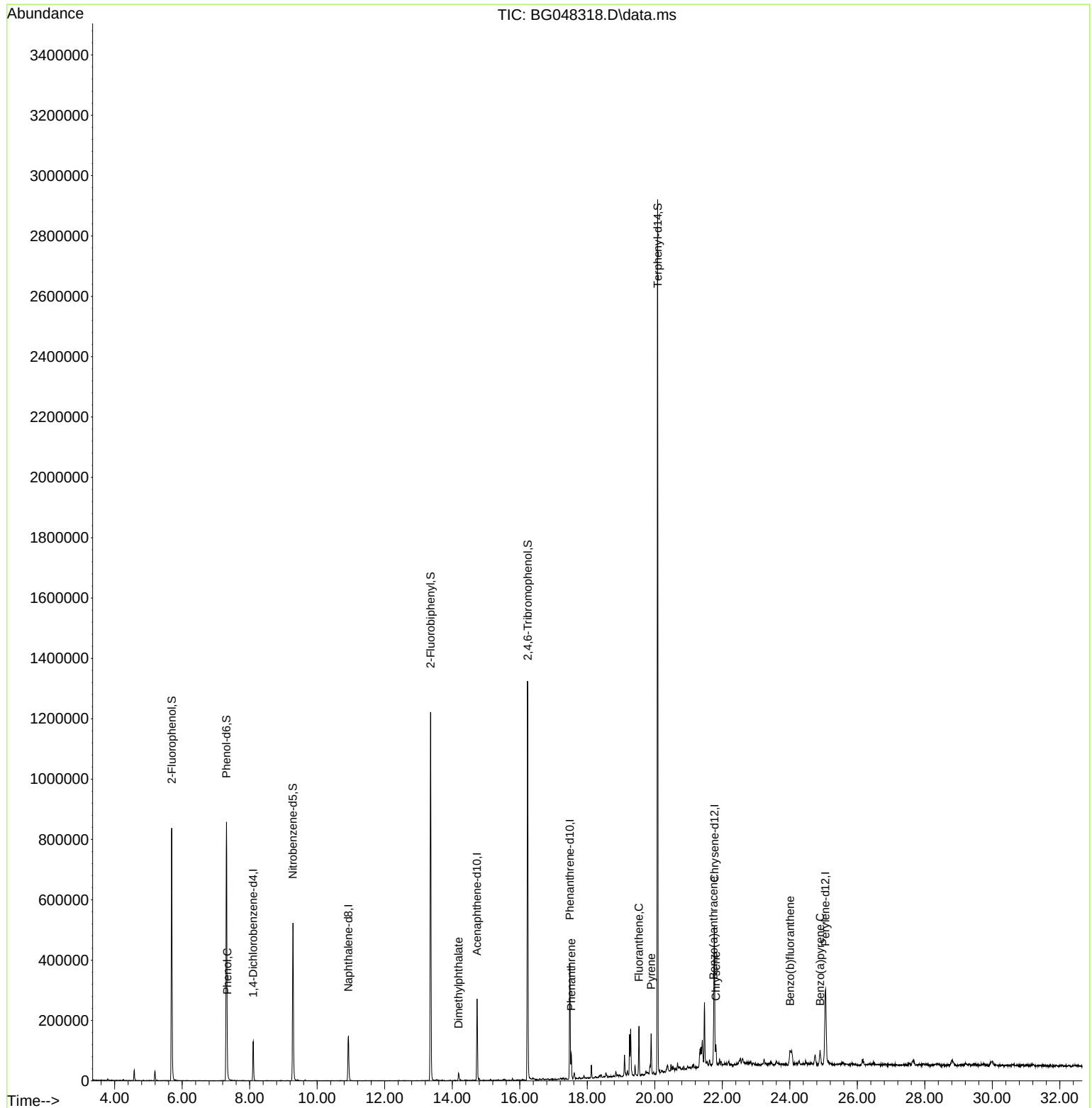
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030321\
Data File : BG048318.D
Acq On : 3 Mar 2021 18:18
Operator : CG/JU
Sample : M1537-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

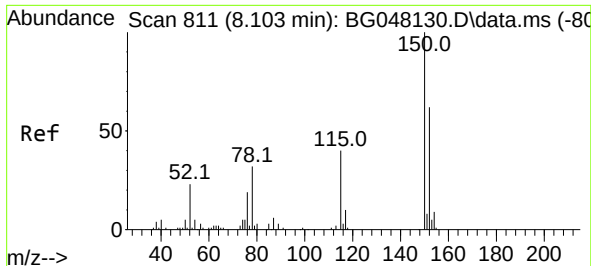
Instrument :
BNA_G
ClientSampleId :
BU-01-030221

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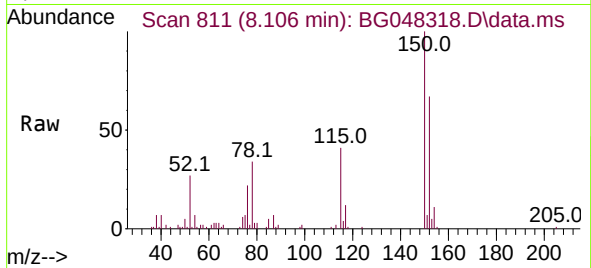
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Quant Time: Mar 03 23:57:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 16:40:27 2021
Response via : Initial Calibration

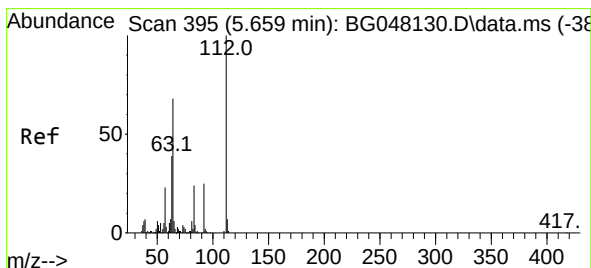
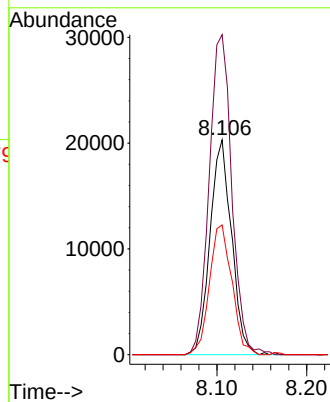
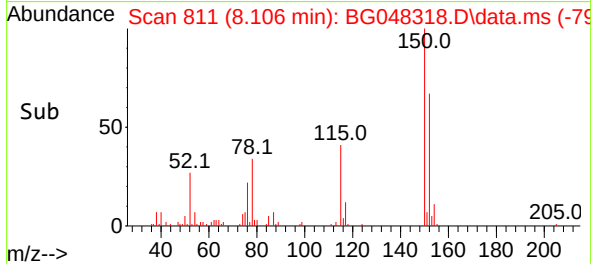




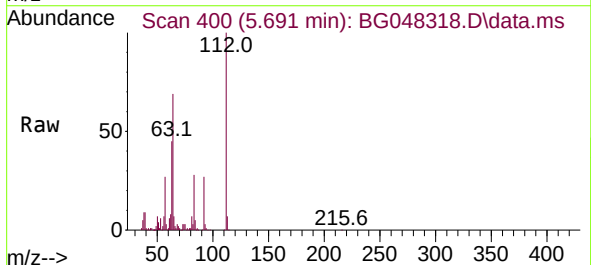
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.106 min Scan# 811
Delta R.T. 0.004 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18



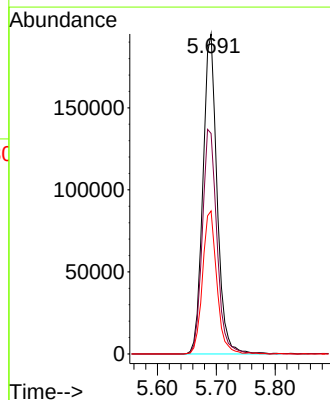
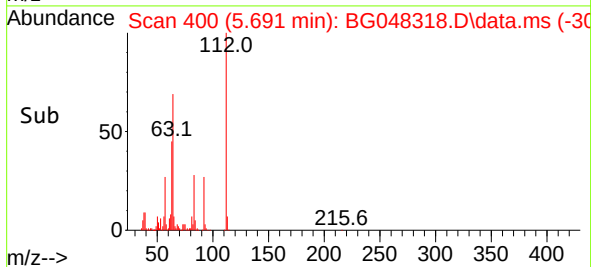
Tgt Ion:152 Resp: 33867
Ion Ratio Lower Upper
152 100
150 148.9 125.0 187.6
115 60.3 41.8 62.6



#5
2-Fluorophenol
Concen: 163.41 ng
RT: 5.691 min Scan# 400
Delta R.T. 0.004 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18



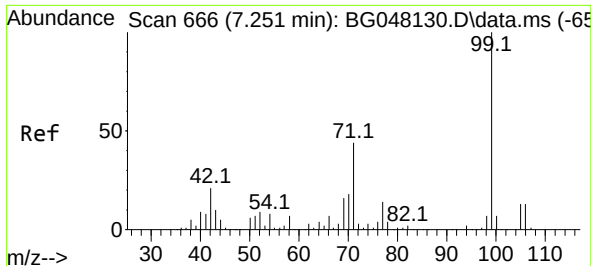
Tgt Ion:112 Resp: 325129
Ion Ratio Lower Upper
112 100
64 68.9 46.7 70.1
63 44.7 22.8 34.2#



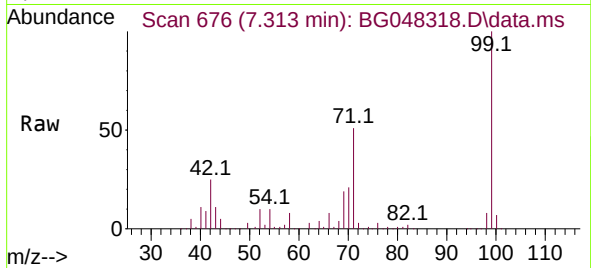
Instrument :
BNA_G
ClientSampleId :
BU-01-030221

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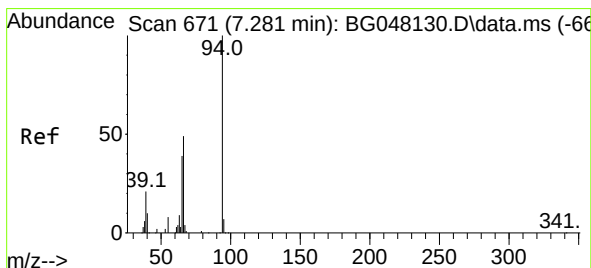
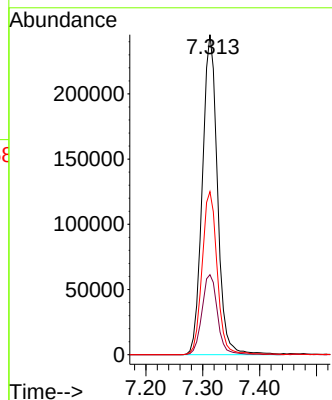
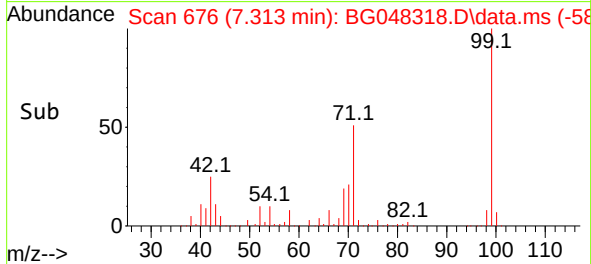
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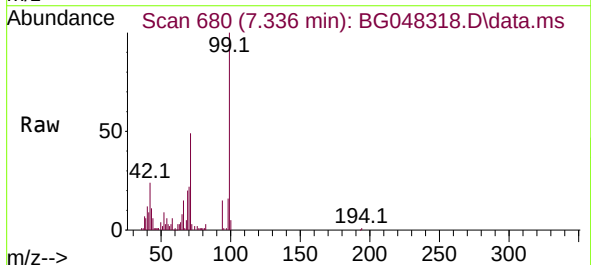
#7
Phenol-d6
Concen: 149.92 ng
RT: 7.313 min Scan# 676
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18



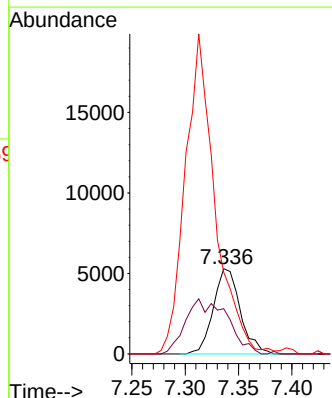
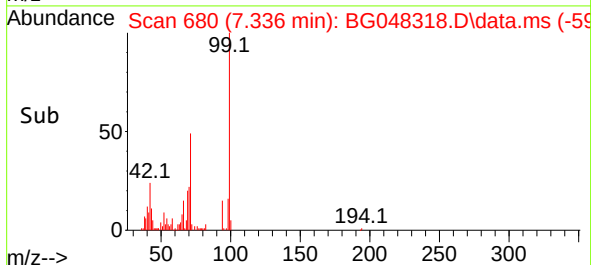
Tgt Ion: 99 Resp: 453173
Ion Ratio Lower Upper
99 100
42 25.0 12.8 19.2#
71 50.9 24.6 36.8#



#10
Phenol
Concen: 3.04 ng
RT: 7.336 min Scan# 680
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18



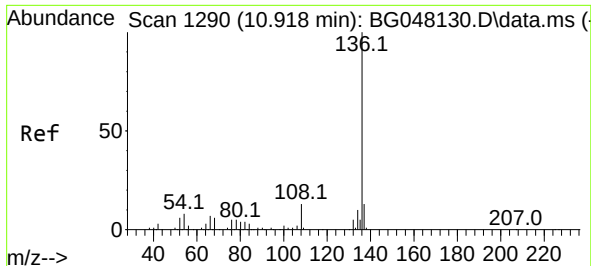
Tgt Ion: 94 Resp: 9285
Ion Ratio Lower Upper
94 100
65 53.1 6.6 46.6#
66 95.8 13.9 53.9#



Instrument :
BNA_G
ClientSampleId :
BU-01-030221

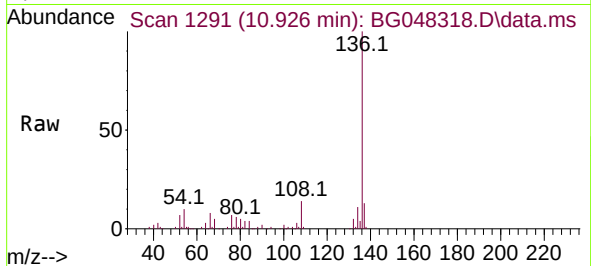
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.926 min Scan# 1291
Delta R.T. 0.004 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

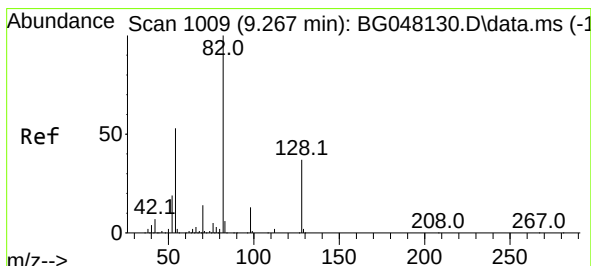
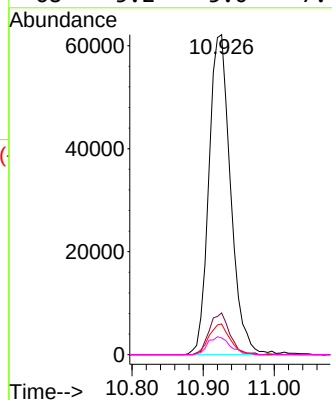
Instrument :
BNA_G
ClientSampleId :
BU-01-030221



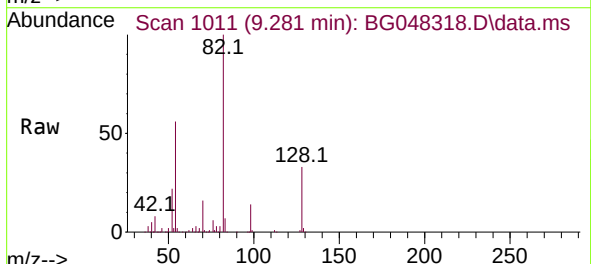
Tgt Ion:	136	Resp:	131808
Ion Ratio	Lower	Upper	
136	100		
137	13.1	9.1	13.7
54	9.6	6.2	9.4#
68	5.2	5.0	7.4

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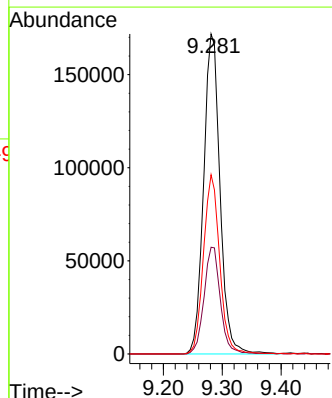
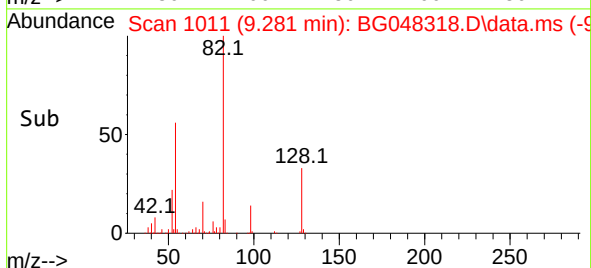
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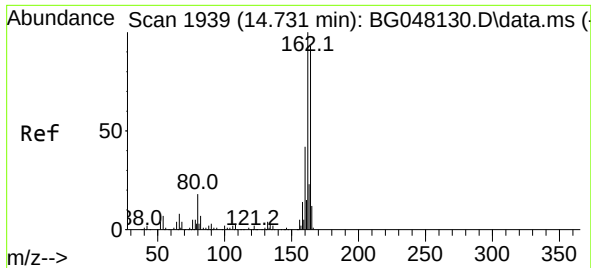


#23
Nitrobenzene-d5
Concen: 106.93 ng
RT: 9.281 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18



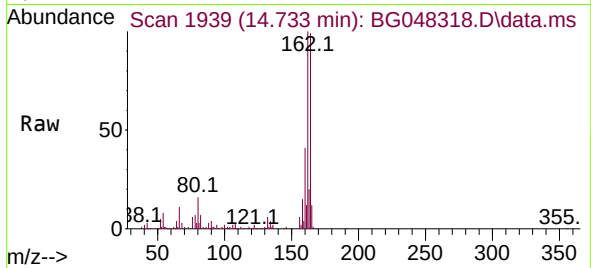
Tgt Ion:	82	Resp:	333198
Ion Ratio	Lower	Upper	
82	100		
128	33.4	37.0	55.6#
54	56.0	39.0	58.4





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.733 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

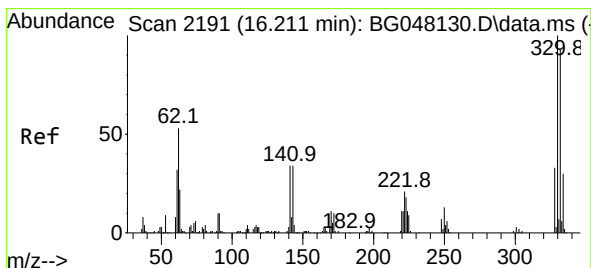
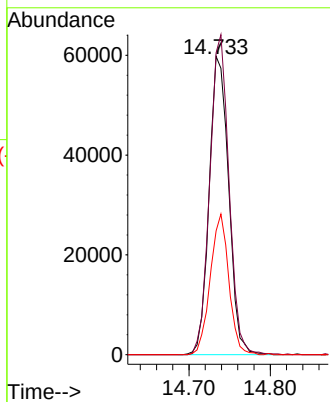
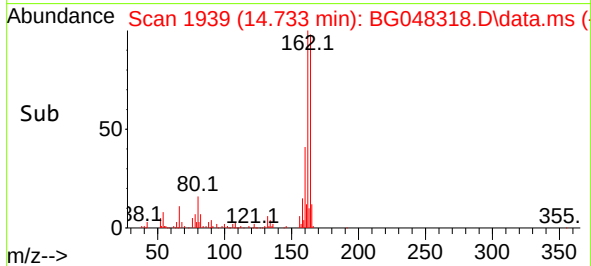
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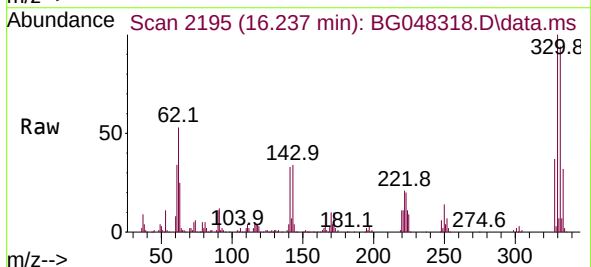
Tgt Ion:164	Resp:	99604
Ion Ratio	Lower	Upper
164	100	
162	101.2	82.3 123.5
160	41.5	35.3 52.9

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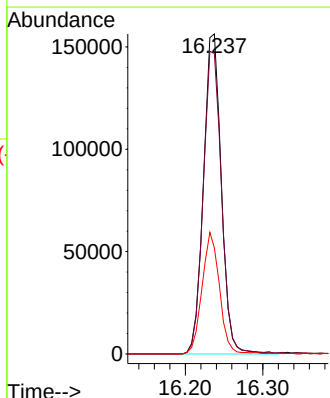
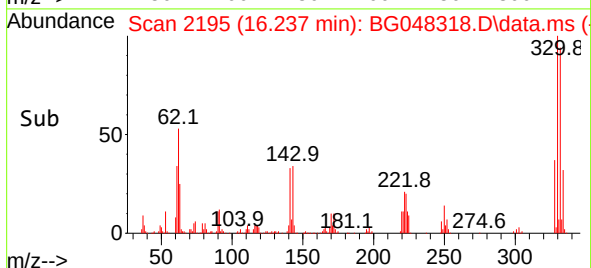
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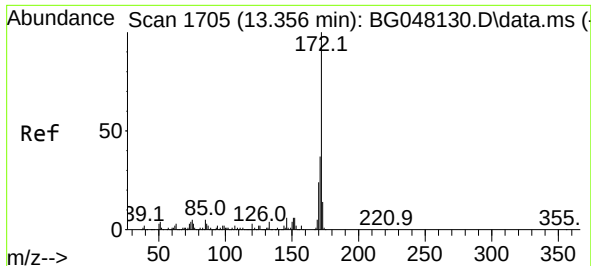


#42
2,4,6-Tribromophenol
Concen: 156.79 ng
RT: 16.237 min Scan# 2195
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18



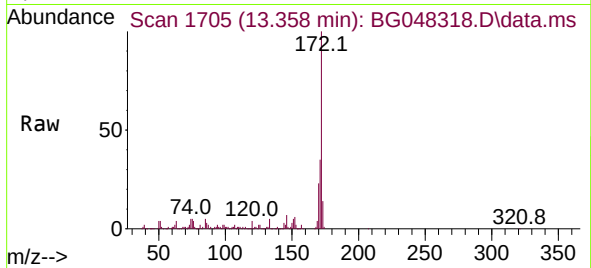
Tgt Ion:330	Resp:	249789
Ion Ratio	Lower	Upper
330	100	
332	97.0	76.5 114.7
141	37.2	26.0 39.0



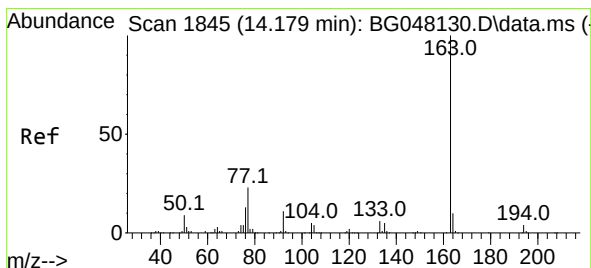
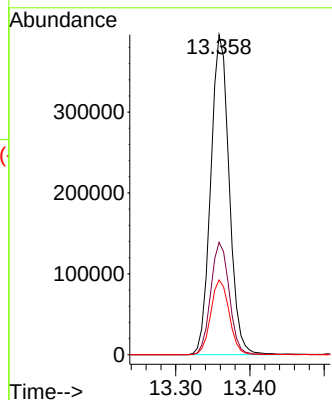
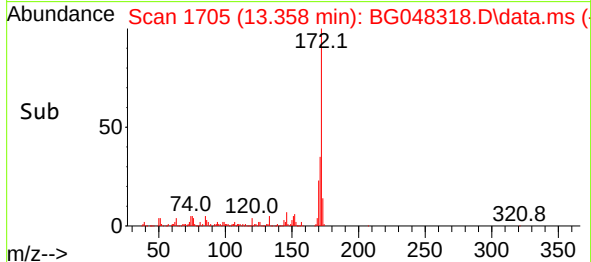


#45
2-Fluorobiphenyl
Concen: 96.11 ng
RT: 13.358 min Scan# 1705
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

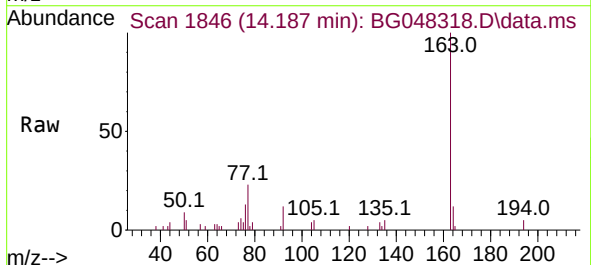
Instrument :
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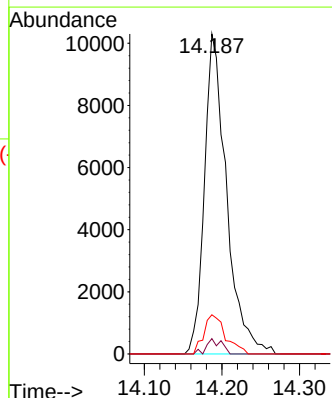
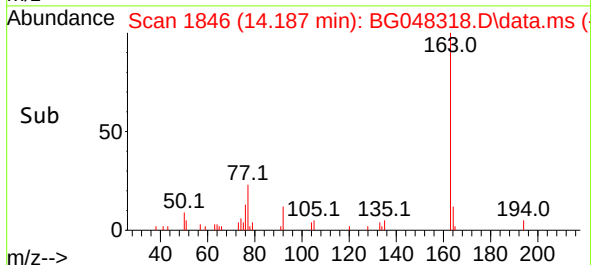
Tgt Ion:172 Resp: 682819
Ion Ratio Lower Upper
172 100
171 35.1 31.3 46.9
170 23.4 20.8 31.2

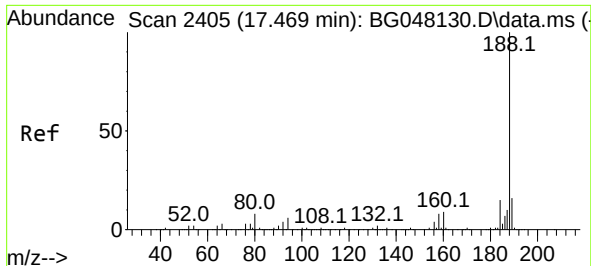


#50
Dimethylphthalate
Concen: 2.45 ng
RT: 14.187 min Scan# 1846
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18



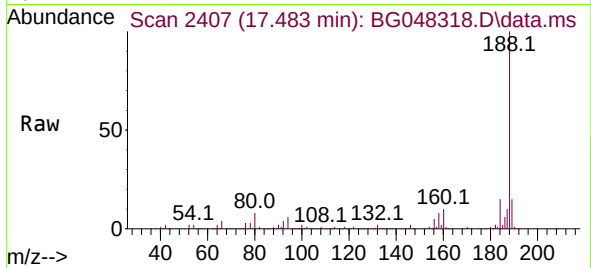
Tgt Ion:163 Resp: 20396
Ion Ratio Lower Upper
163 100
194 4.8 3.8 5.8
164 12.3 8.8 13.2





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.483 min Scan# 2407
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

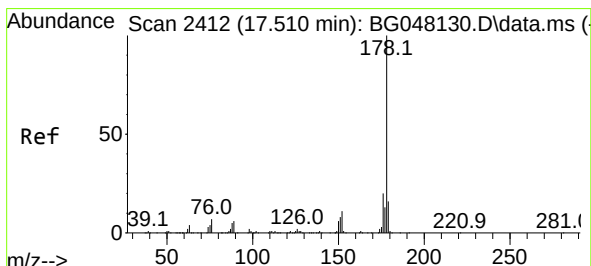
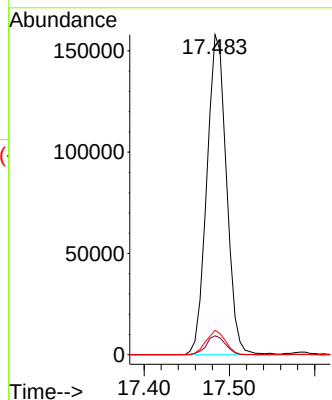
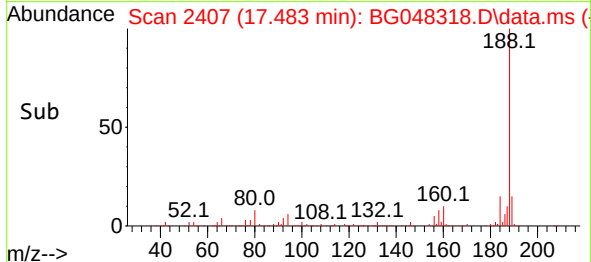
Instrument :
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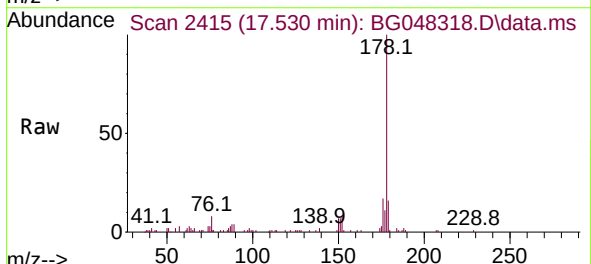
Tgt Ion:188 Resp: 252769
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 7.6 7.0 10.6

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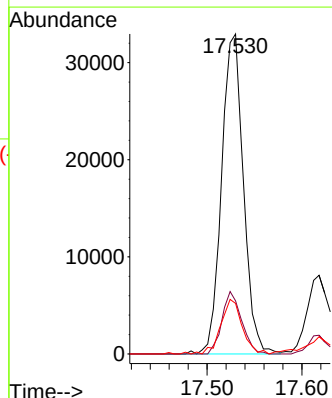
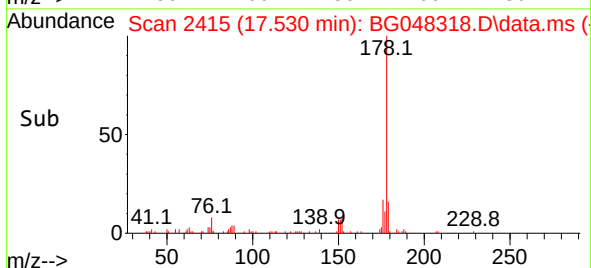
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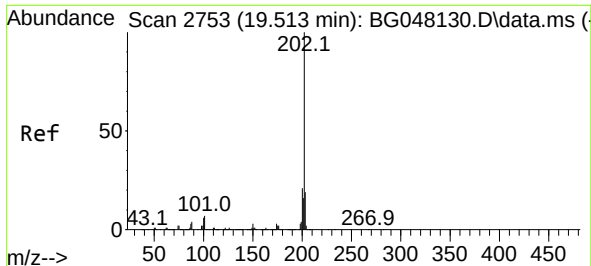


#71
Phenanthrene
Concen: 3.85 ng
RT: 17.530 min Scan# 2415
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

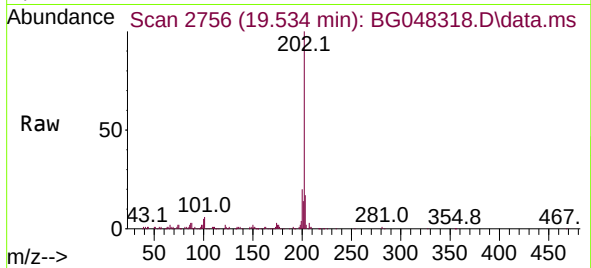


Tgt Ion:178 Resp: 52820
Ion Ratio Lower Upper
178 100
176 16.6 16.7 25.1#
179 15.8 14.0 21.0

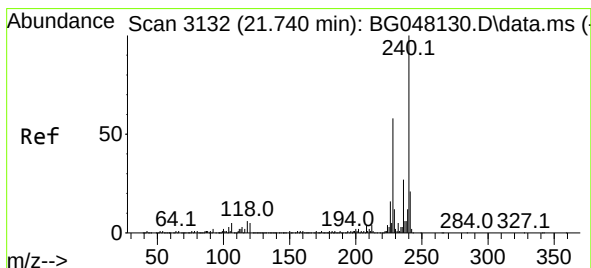
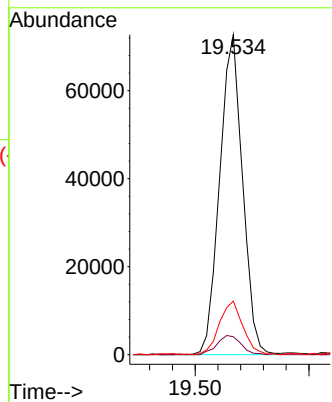
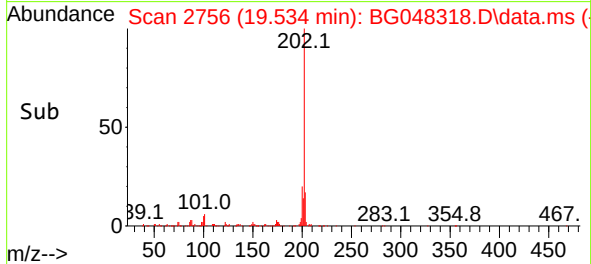




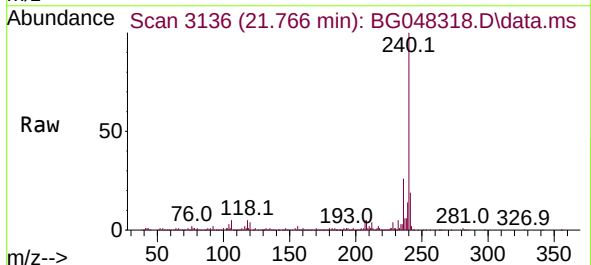
#75
Fluoranthene
Concen: 5.68 ng
RT: 19.534 min Scan# 2756
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18



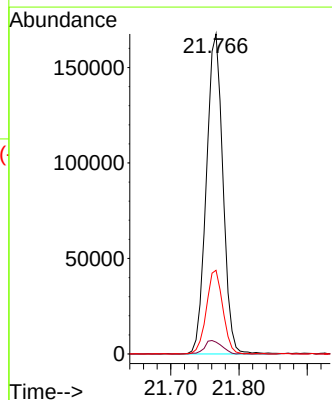
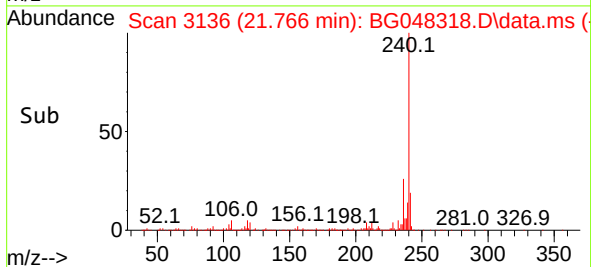
Tgt Ion:	202	Resp:	101525
Ion Ratio	Lower	Upper	
202	100		
101	5.6	0.0	29.7
203	16.8	0.0	39.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.766 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18



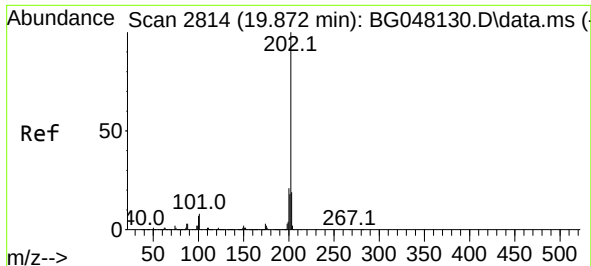
Tgt Ion:	240	Resp:	282912
Ion Ratio	Lower	Upper	
240	100		
120	3.7	6.2	9.4#
236	26.2	20.5	30.7



Instrument :
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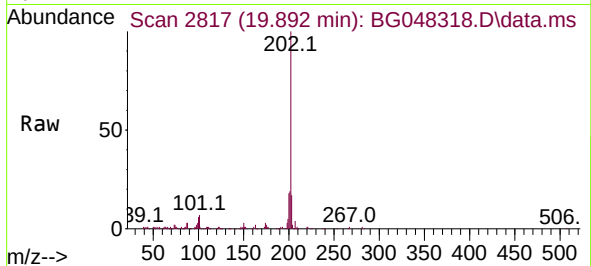
Manual Integrations
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#78
Pyrene
Concen: 4.57 ng m
RT: 19.892 min Scan# 2817
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

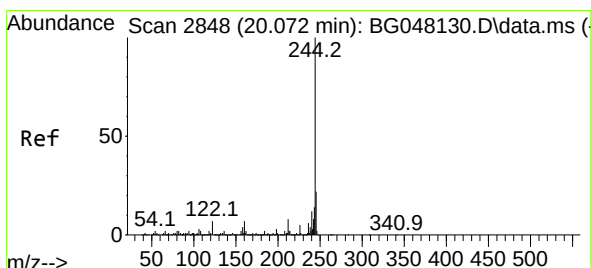
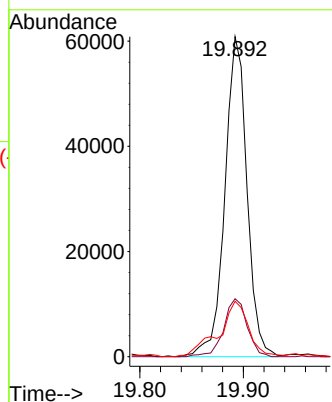
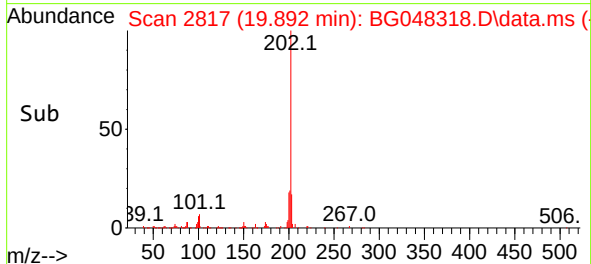
Instrument :
BNA_G
ClientSampleId :
BU-01-030221



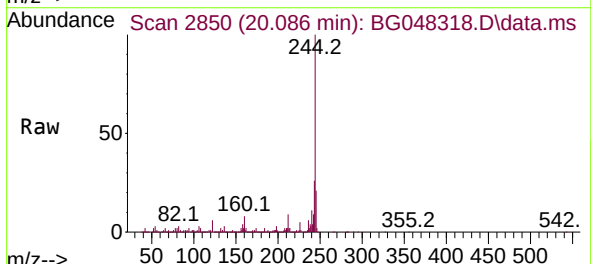
Tgt Ion:202 Resp: 90297
Ion Ratio Lower Upper
202 100
200 18.1 18.6 27.8#
203 17.3 15.3 22.9

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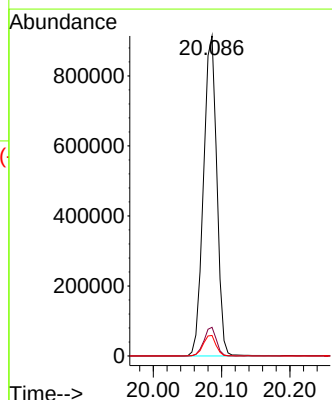
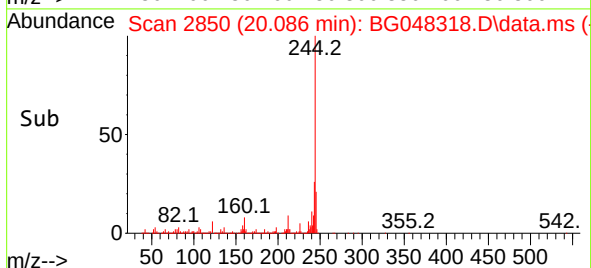
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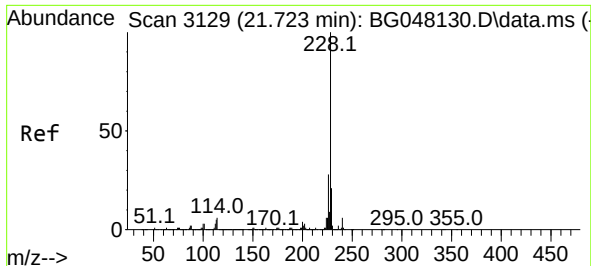


#79
Terphenyl-d14
Concen: 80.30 ng
RT: 20.086 min Scan# 2850
Delta R.T. 0.004 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18



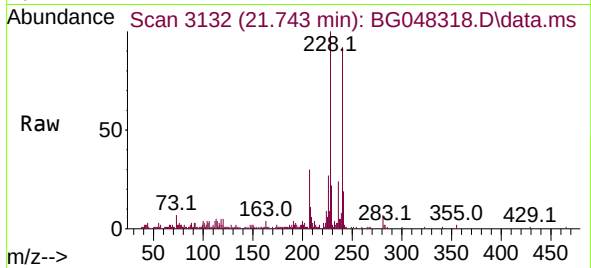
Tgt Ion:244 Resp: 1243241
Ion Ratio Lower Upper
244 100
212 8.9 6.7 10.1
122 6.4 7.8 11.6#





#81
Benzo(a)anthracene
Concen: 2.58 ng
RT: 21.743 min Scan# 3132
Delta R.T. -0.008 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

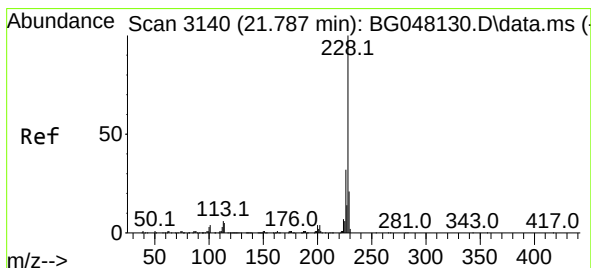
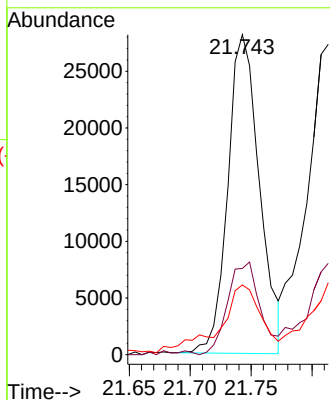
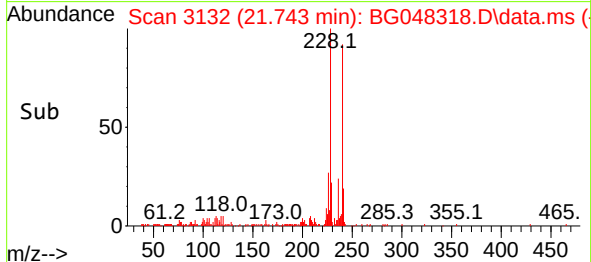
Instrument :
BNA_G
ClientSampleId :
BU-01-030221



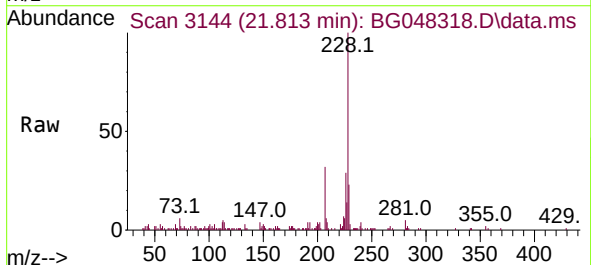
Tgt Ion:228 Resp: 50839
Ion Ratio Lower Upper
228 100
226 27.0 23.3 34.9
229 21.8 17.4 26.0

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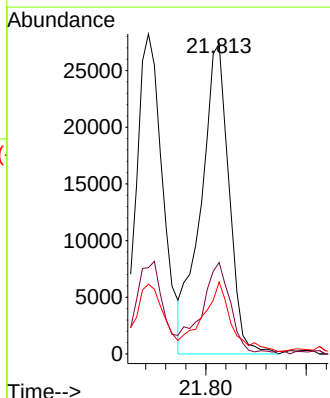
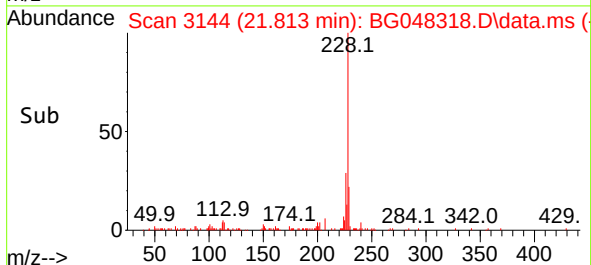
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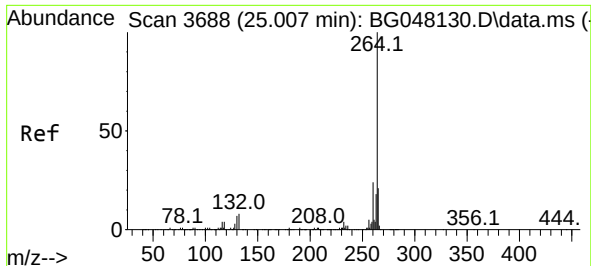


#83
Chrysene
Concen: 2.83 ng
RT: 21.813 min Scan# 3144
Delta R.T. -0.002 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18



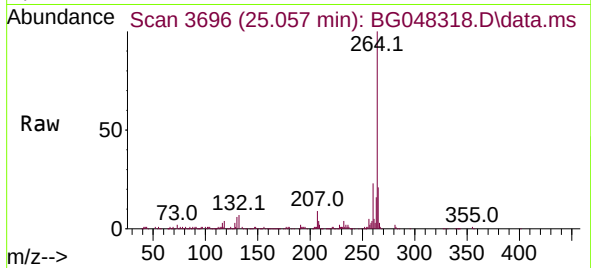
Tgt Ion:228 Resp: 53370
Ion Ratio Lower Upper
228 100
226 29.4 25.0 37.4
229 23.2 17.3 25.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.057 min Scan# 3696
Delta R.T. -0.008 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

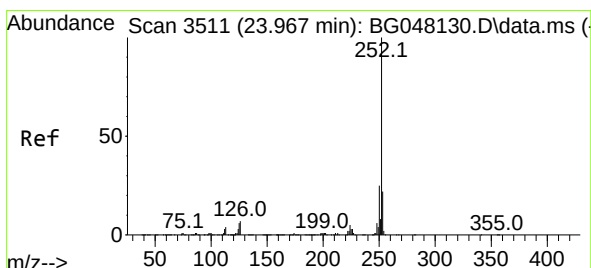
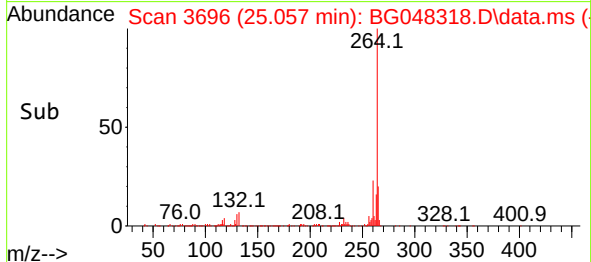
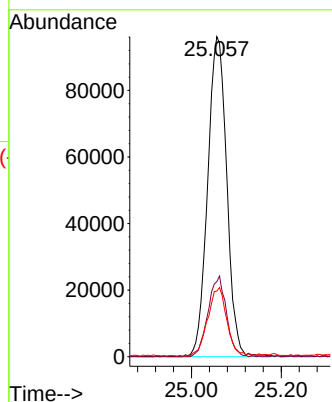
Instrument :
BNA_G
ClientSampleId :
BU-01-030221



Tgt Ion:	264	Resp:	283669
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.8	28.2
265	20.5	17.8	26.8

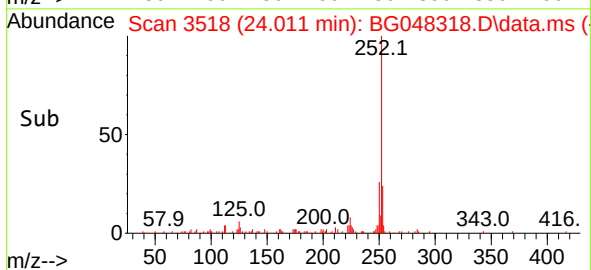
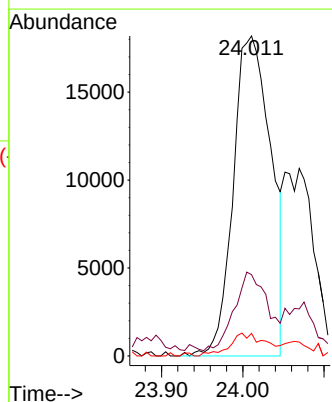
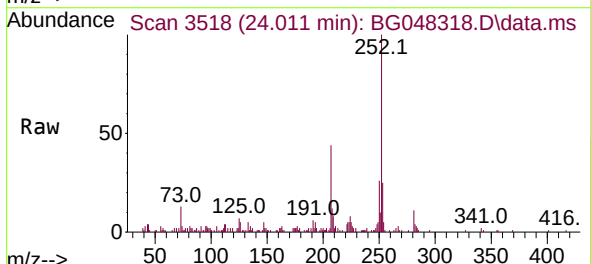
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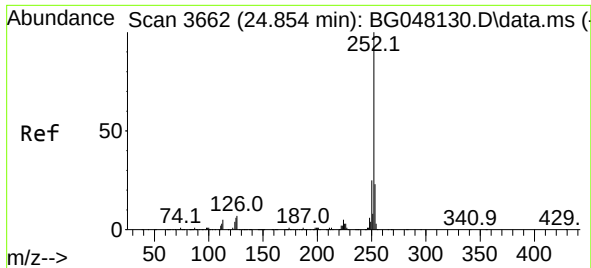
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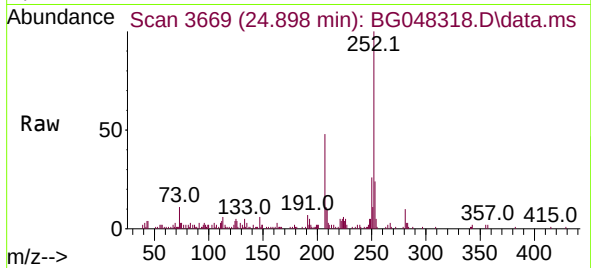
#88
Benzo(b)fluoranthene
Concen: 2.99 ng
RT: 24.011 min Scan# 3518
Delta R.T. -0.008 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18

Tgt Ion:	252	Resp:	58625
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.7	28.1
125	7.0	6.5	9.7

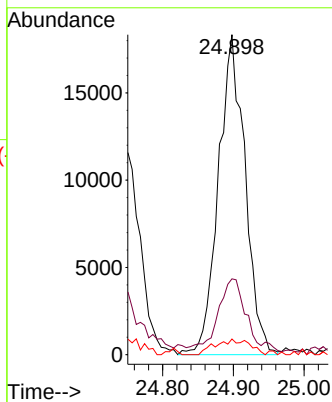
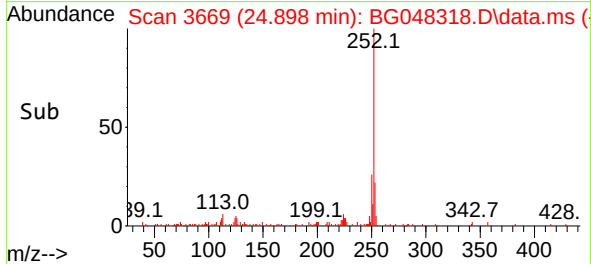




#90
Benzo(a)pyrene
Concen: 2.64 ng m
RT: 24.898 min Scan# 3669
Delta R.T. -0.014 min
Lab File: BG048318.D
Acq: 3 Mar 2021 18:18



Tgt Ion:252 Resp: 48005
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 4.9 7.0 10.4#



Instrument :
BNA_G
ClientSampleId :
BU-01-030221

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