

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042321\
 Data File : BG048871.D
 Acq On : 23 Apr 2021 20:12
 Operator : CG/JU
 Sample : M2107-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-30-0-2.0

Manual Integrations
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Quant Time: Apr 23 23:34:19 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	23422	20.00	ng	0.00
21) Naphthalene-d8	10.882	136	105439	20.00	ng	-0.01
39) Acenaphthene-d10	14.718	164	69838	20.00	ng	0.00
64) Phenanthrene-d10	17.474	188	153292	20.00	ng	# 0.00
76) Chrysene-d12	21.769	240	129605	20.00	ng	-0.01
86) Perylene-d12	25.095	264	127619	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	151182	107.96	ng	0.00
7) Phenol-d6	7.221	99	206840	104.42	ng	0.00
23) Nitrobenzene-d5	9.231	82	154783	65.72	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	85371	91.17	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	338225	69.94	ng	-0.01
79) Terphenyl-d14	20.083	244	473784	62.92	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.515	178	29450	3.70	ng	95
75) Fluoranthene	19.531	202	60235	5.99	ng	93
78) Pyrene	19.895	202	57276	6.39	ng	93
81) Benzo(a)anthracene	21.751	228	31182	3.52	ng	# 92
83) Chrysene	21.816	228	28494	3.38	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.925	276	20452m	2.18	ng	
88) Benzo(b)fluoranthene	24.037	252	40251	4.65	ng	# 93
90) Benzo(a)pyrene	24.930	252	28887	3.62	ng	# 94
92) Benzo(g,h,i)perylene	30.118	276	19307m	2.43	ng	

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

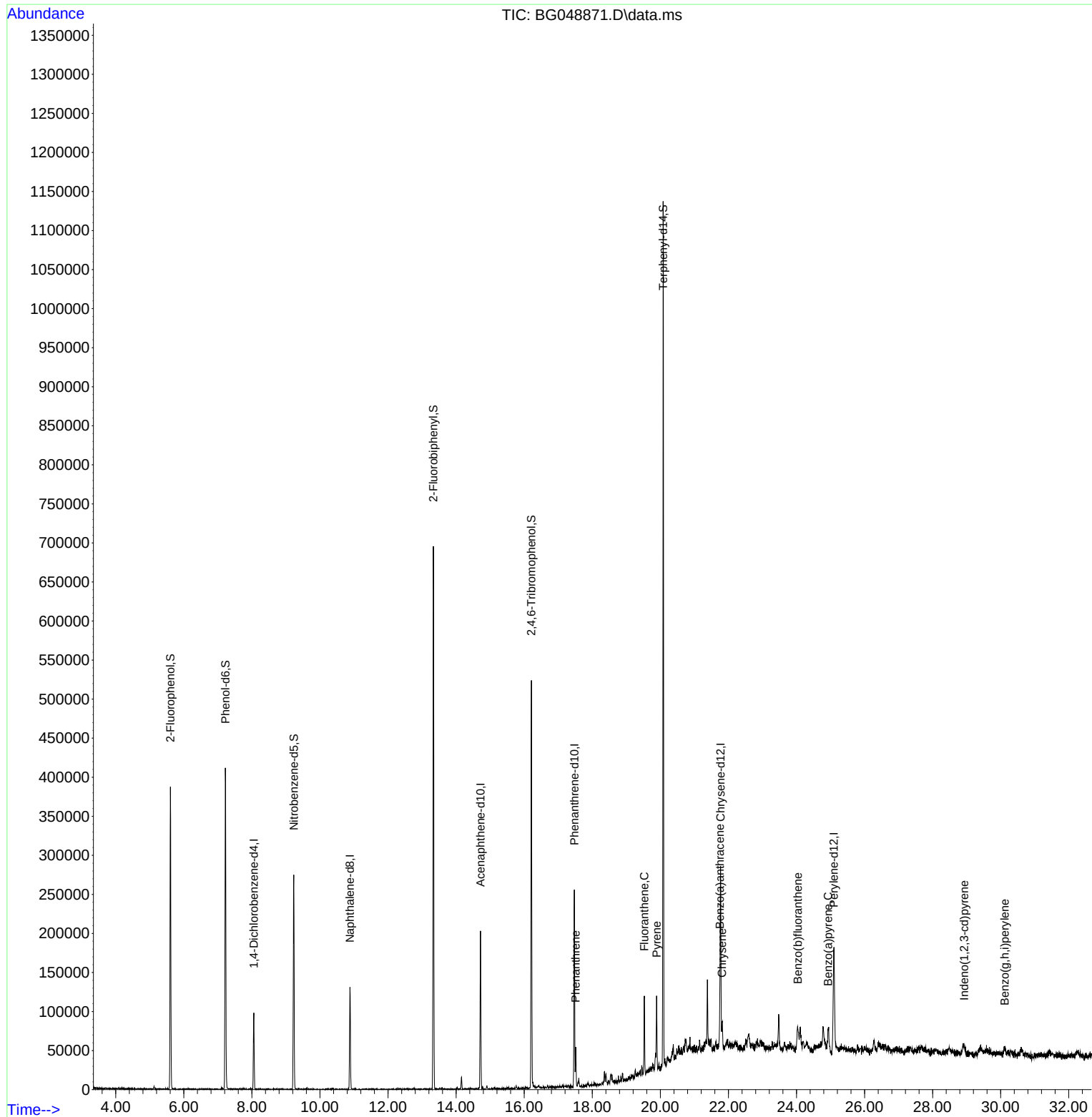
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Data File : BG048871.D
Acq On : 23 Apr 2021 20:12
Operator : CG/JU
Sample : M2107-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

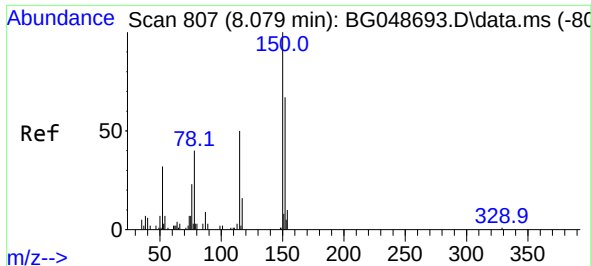
Instrument :
BNA_G
ClientSampleId :
SB-30-0-2.0

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Quant Time: Apr 23 23:34:19 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





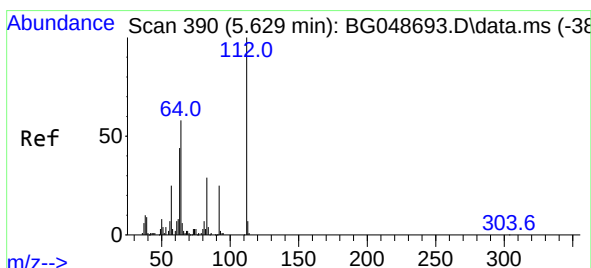
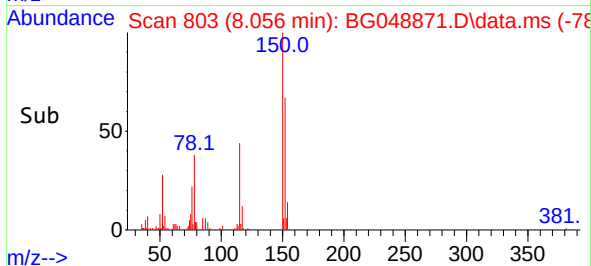
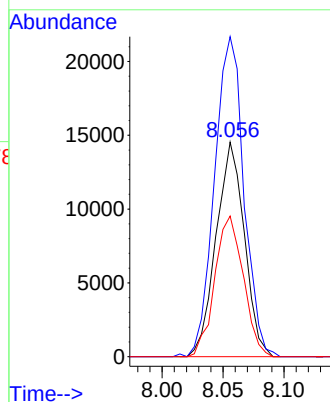
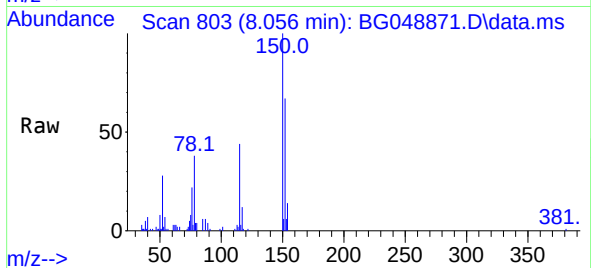
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.056 min Scan# 803
Delta R.T. -0.005 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

Tgt Ion:152 Resp: 23422
Ion Ratio Lower Upper
152 100
150 149.1 119.4 179.0
115 65.6 60.2 90.4

Instrument :
BNA_G
ClientSampleId :
SB-30-0-2.0

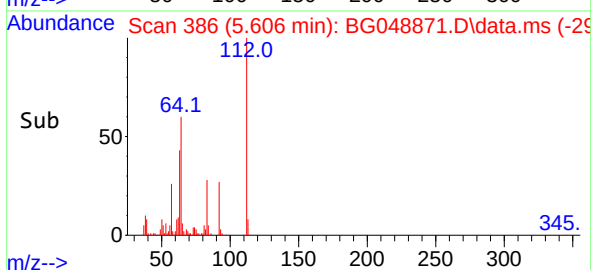
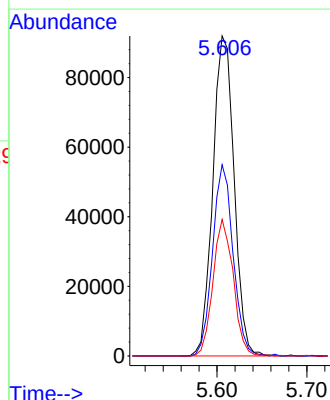
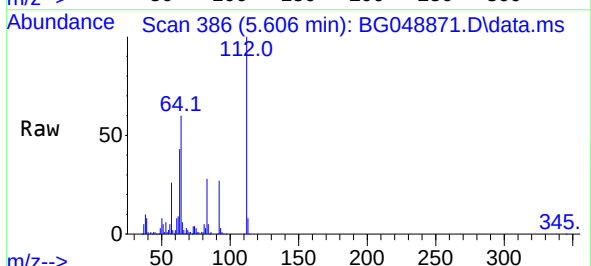
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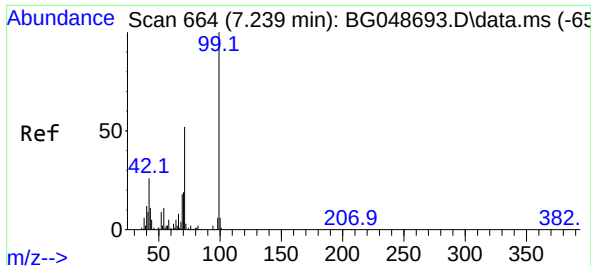
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#5
2-Fluorophenol
Concen: 107.96 ng
RT: 5.606 min Scan# 386
Delta R.T. 0.000 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

Tgt Ion:112 Resp: 151182
Ion Ratio Lower Upper
112 100
64 59.8 46.7 70.1
63 42.7 35.3 52.9





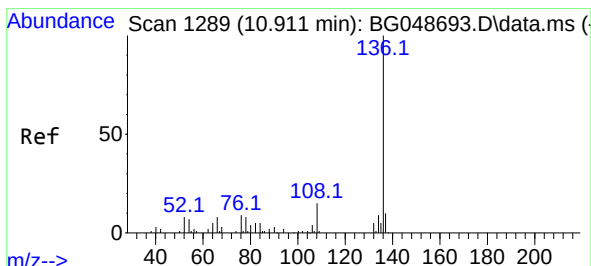
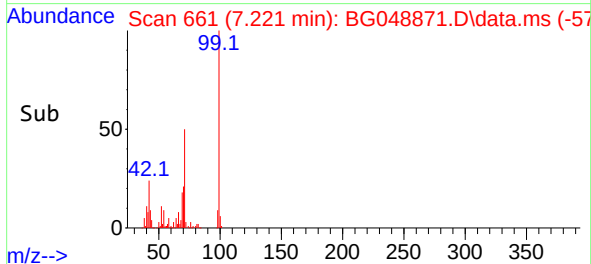
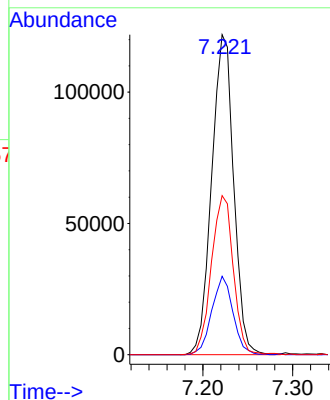
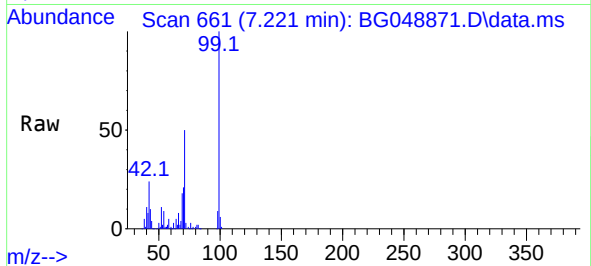
#7
Phenol-d6
Concen: 104.42 ng
RT: 7.221 min Scan# 661
Delta R.T. 0.000 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

Tgt Ion: 99 Resp: 206840
Ion Ratio Lower Upper
99 100
42 24.5 20.5 30.7
71 49.7 41.5 62.3

Instrument :
BNA_G
ClientSampled :
SB-30-0-2.0

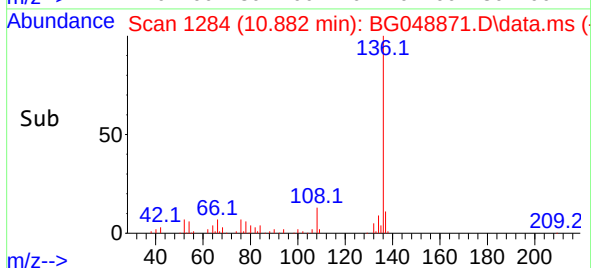
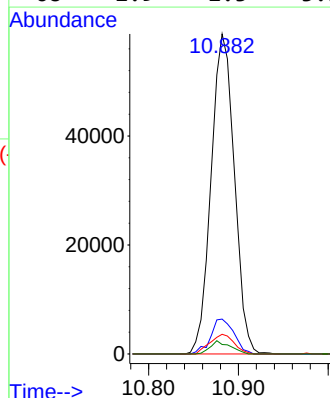
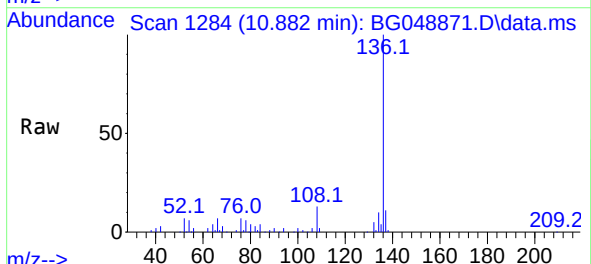
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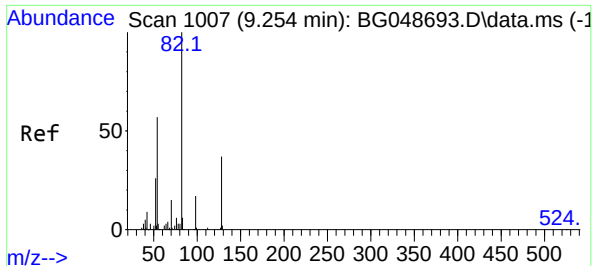
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.882 min Scan# 1284
Delta R.T. -0.011 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

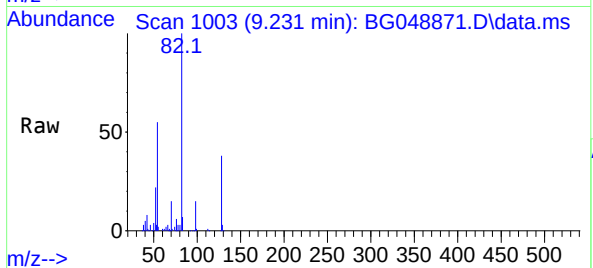
Tgt Ion: 136 Resp: 105439
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 6.2 5.5 8.3
68 2.9 2.3 3.5





#23
Nitrobenzene-d5
Concen: 65.72 ng
RT: 9.231 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

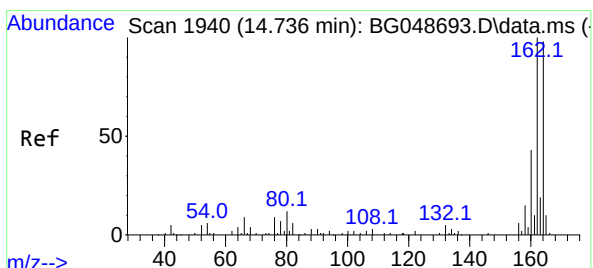
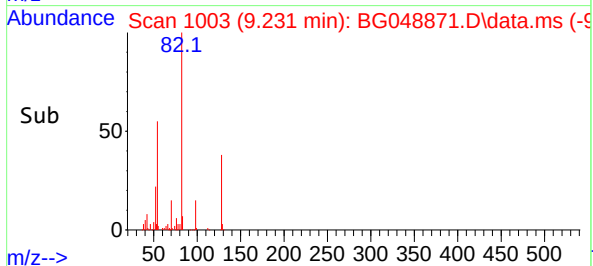
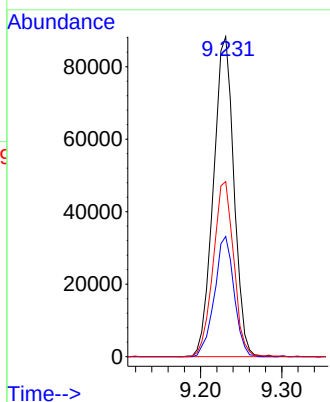
Instrument :
BNA_G
ClientSampled :
SB-30-0-2.0



Tgt Ion: 82 Resp: 154783
Ion Ratio Lower Upper
82 100
128 37.5 29.8 44.6
54 54.7 45.8 68.8

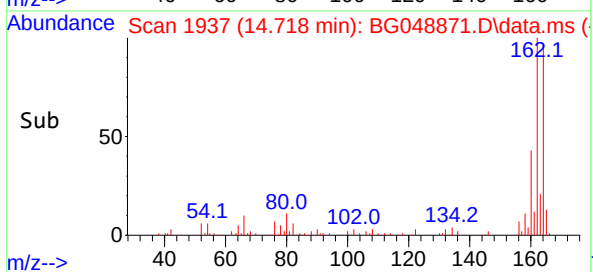
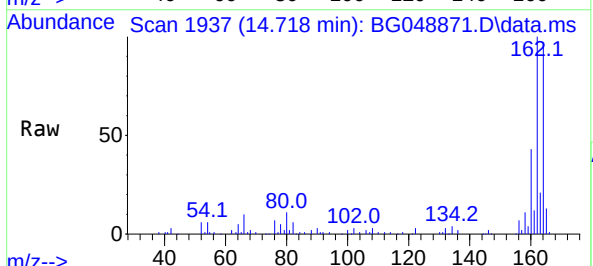
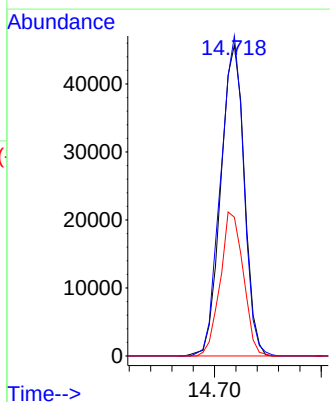
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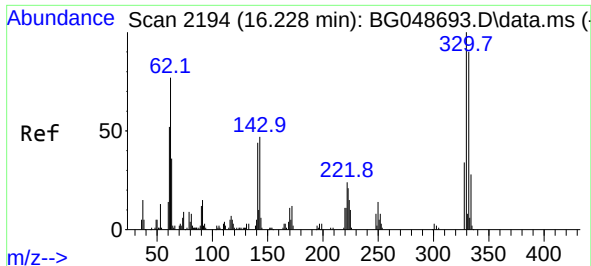
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.718 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

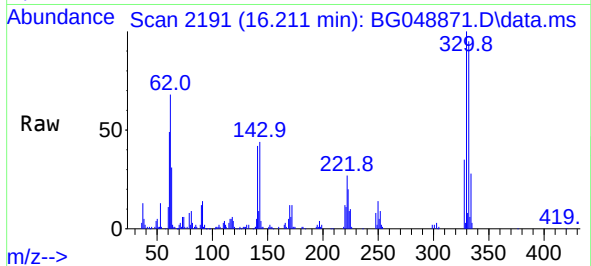
Tgt Ion: 164 Resp: 69838
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 44.6 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 91.17 ng
RT: 16.211 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

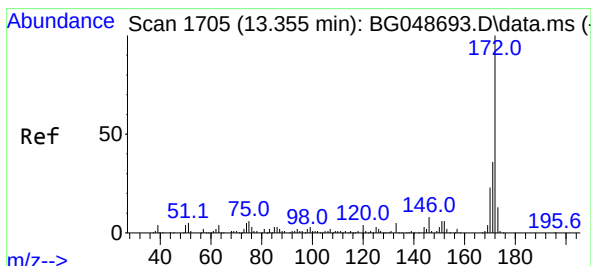
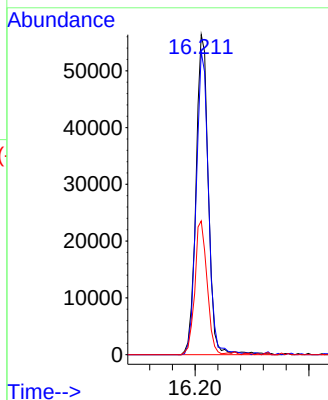
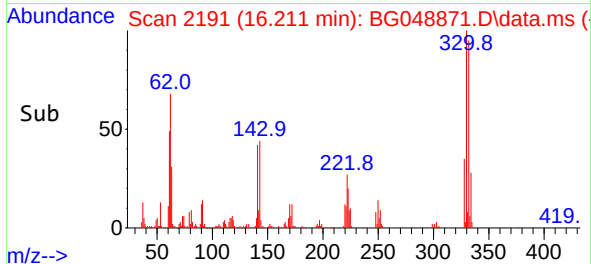
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ClientSampled :
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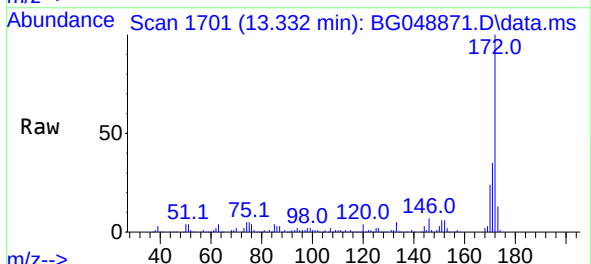
Tgt Ion:330 Resp: 85371
Ion Ratio Lower Upper
330 100
332 93.9 77.3 115.9
141 41.2 35.6 53.4

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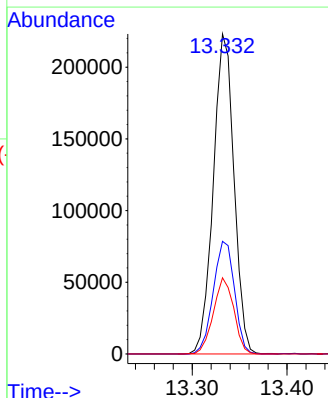
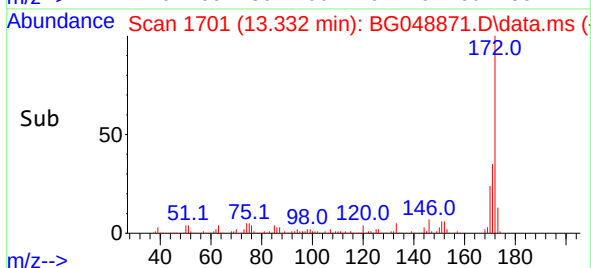
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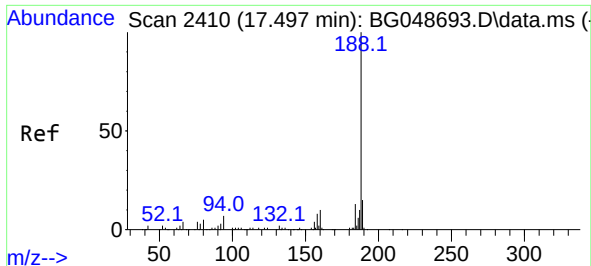


#45
2-Fluorobiphenyl
Concen: 69.94 ng
RT: 13.332 min Scan# 1701
Delta R.T. -0.011 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12



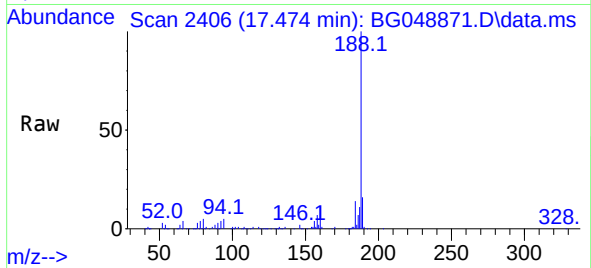
Tgt Ion:172 Resp: 338225
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.8 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.474 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

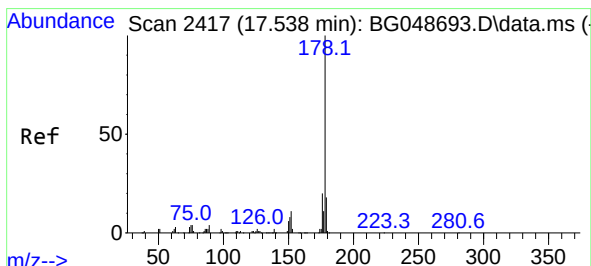
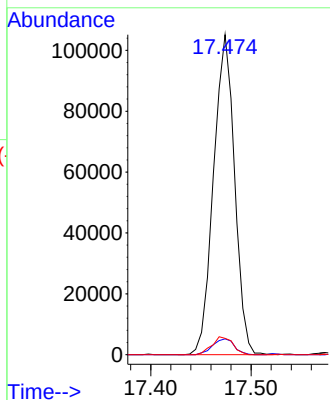
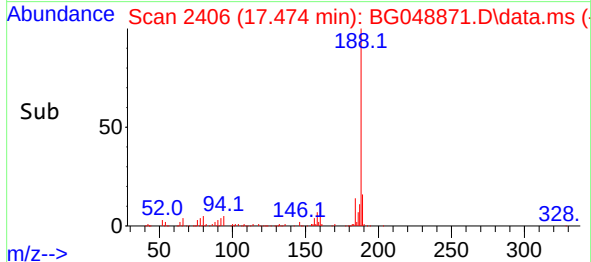
Instrument :
BNA_G
ClientSampleId :
SB-30-0-2.0



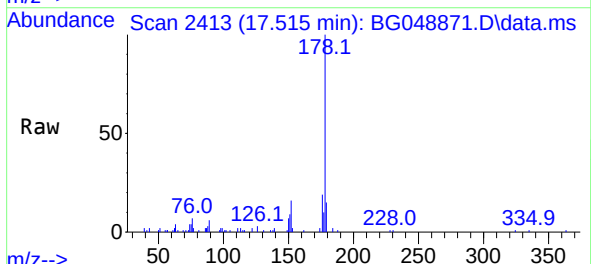
Tgt Ion:188 Resp: 153292
Ion Ratio Lower Upper
188 100
94 5.0 5.4 8.0#
80 5.1 3.7 5.5

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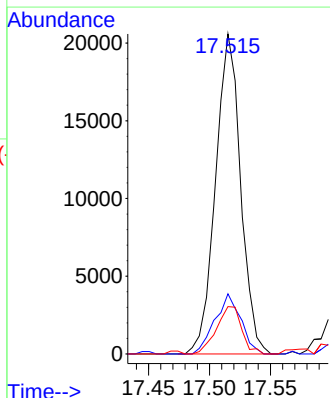
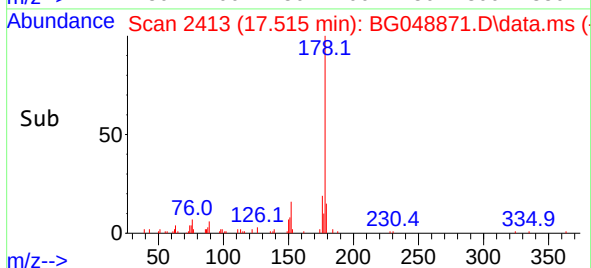
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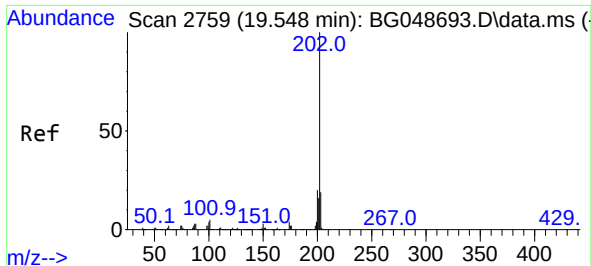


#71
Phenanthrene
Concen: 3.70 ng
RT: 17.515 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12



Tgt Ion:178 Resp: 29450
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 14.8 14.2 21.4





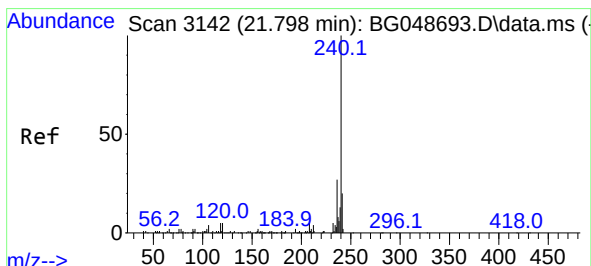
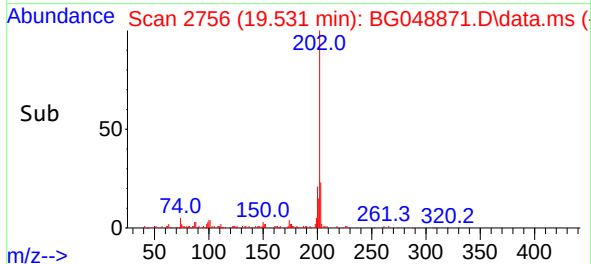
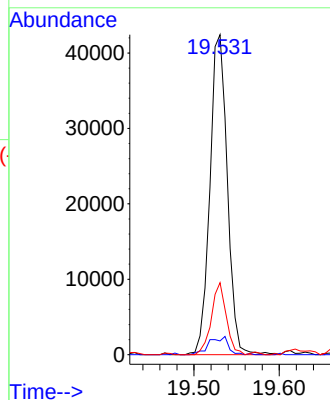
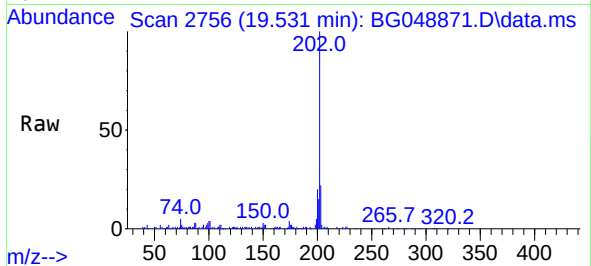
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Fluoranthene
Concen: 5.99 ng
RT: 19.531 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

Tgt Ion:202 Resp: 60235
Ion Ratio Lower Upper
202 100
101 4.3 0.0 24.7
203 22.5 0.0 38.5

Instrument :
BNA_G
ClientSampled :
SB-30-0-2.0

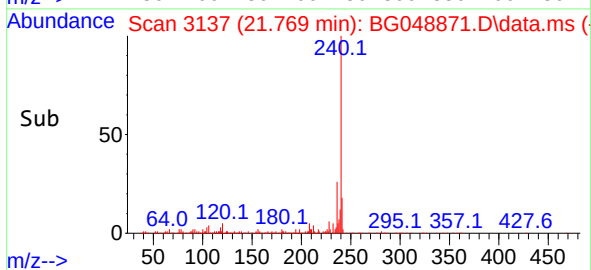
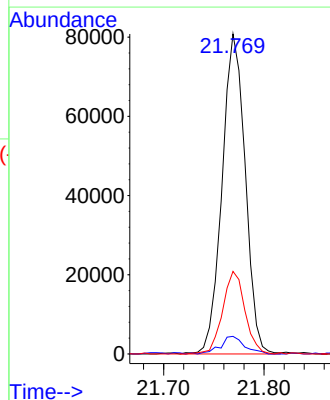
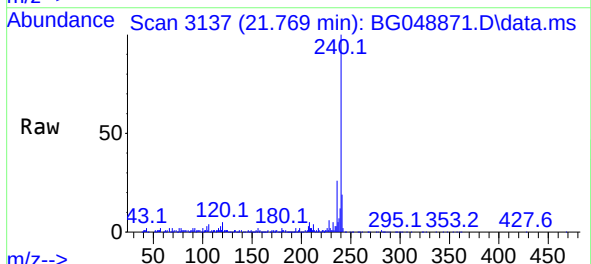
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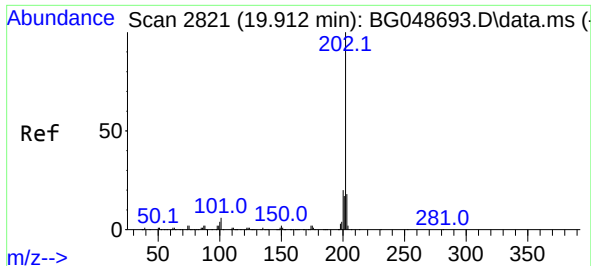
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.769 min Scan# 3137
Delta R.T. -0.011 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

Tgt Ion:240 Resp: 129605
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 25.8 21.8 32.6





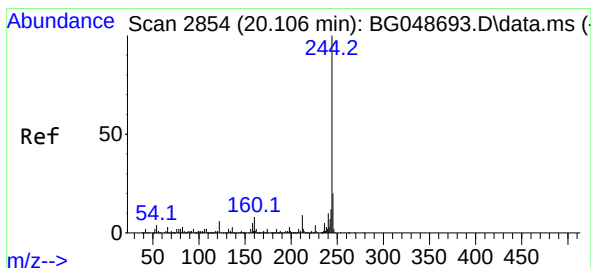
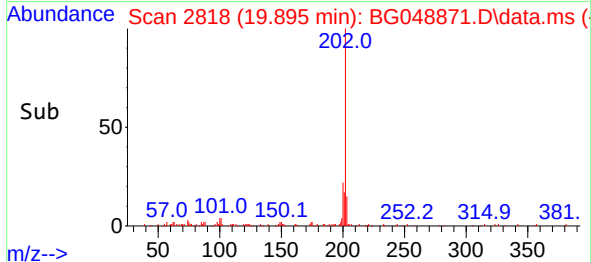
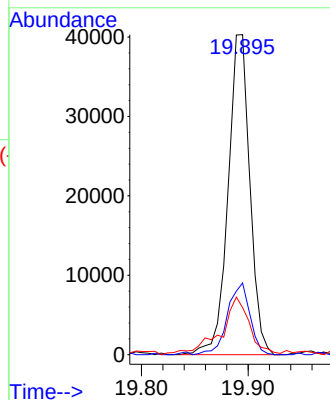
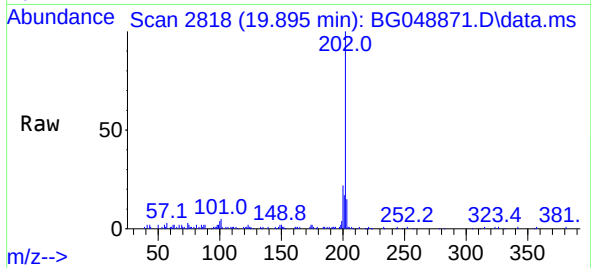
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Pyrene
Concen: 6.39 ng
RT: 19.895 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

Tgt Ion:	202	Resp:	57276
Ion Ratio	Lower	Upper	
202	100		
200	22.4	15.8	23.8
203	14.7	14.6	21.8

Instrument :
BNA_G
ClientSampleId :
SB-30-0-2.0

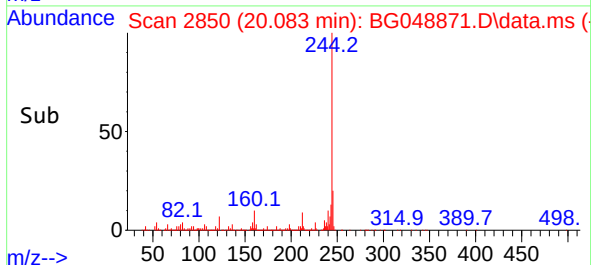
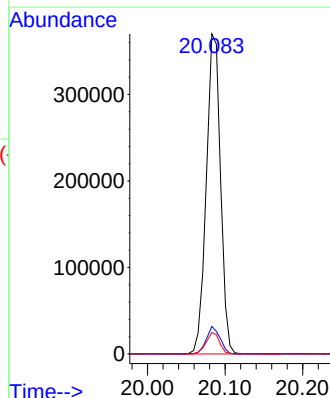
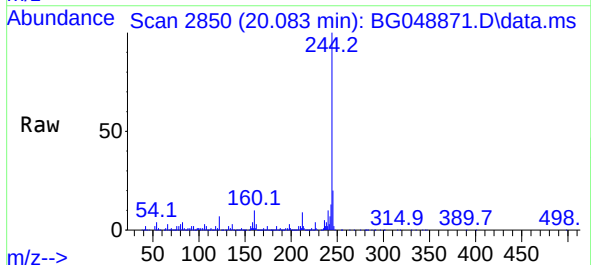
Manual Integrations
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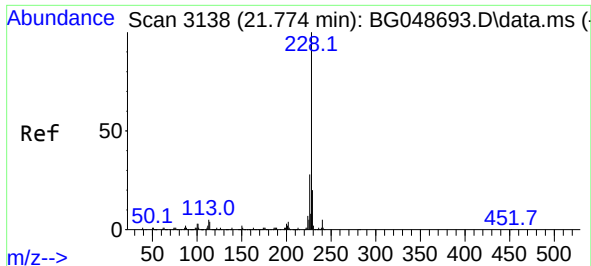
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#79
Terphenyl-d14
Concen: 62.92 ng
RT: 20.083 min Scan# 2850
Delta R.T. -0.011 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

Tgt Ion:	244	Resp:	473784
Ion Ratio	Lower	Upper	
244	100		
212	8.6	6.9	10.3
122	6.7	5.0	7.6





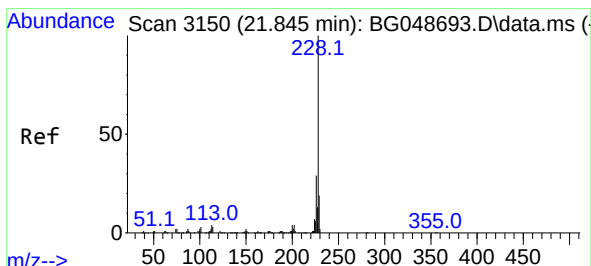
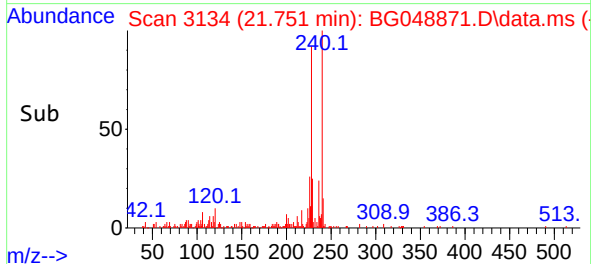
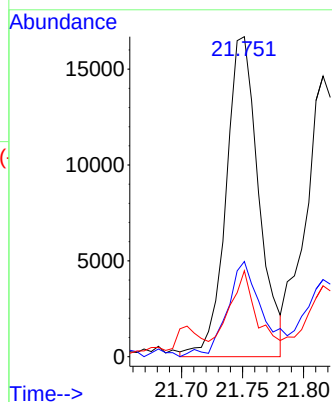
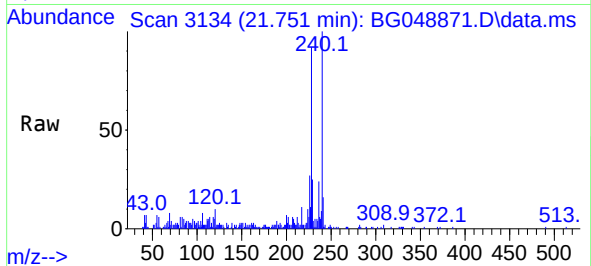
#81
Benzo(a)anthracene
Concen: 3.52 ng
RT: 21.751 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

Tgt Ion:	228	Resp:	31182
Ion Ratio	Lower	Upper	
228	100		
226	29.7	22.7	34.1
229	26.8	16.0	24.0#

Instrument :
BNA_G
ClientSampled :
SB-30-0-2.0

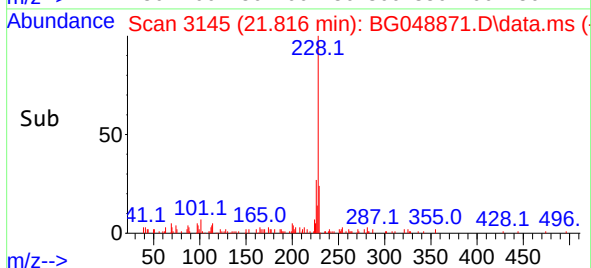
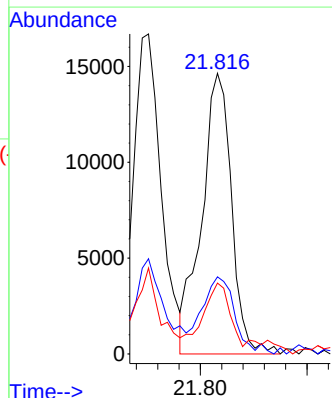
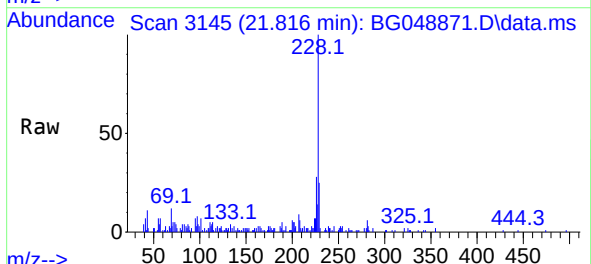
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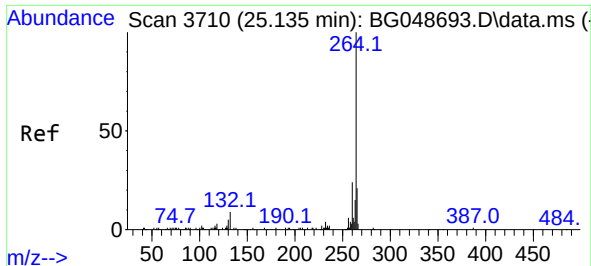
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#83
Chrysene
Concen: 3.38 ng
RT: 21.816 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

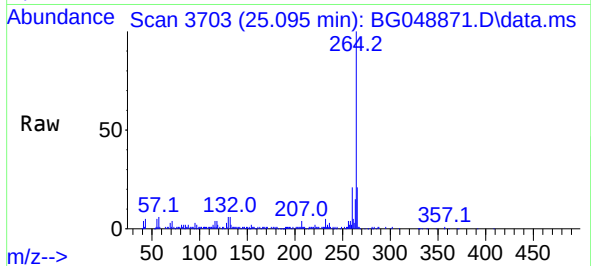
Tgt Ion:	228	Resp:	28494
Ion Ratio	Lower	Upper	
228	100		
226	27.5	23.1	34.7
229	25.2	15.3	22.9#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.095 min Scan# 3703
Delta R.T. -0.017 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

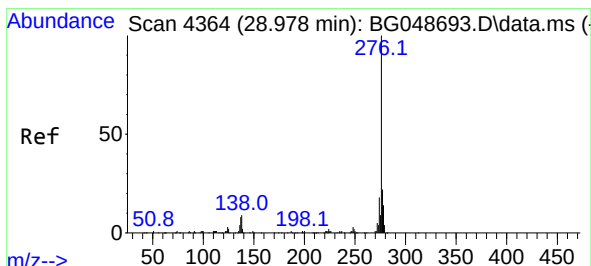
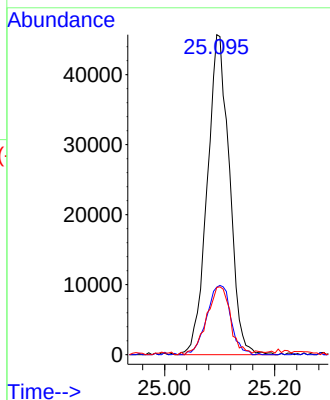
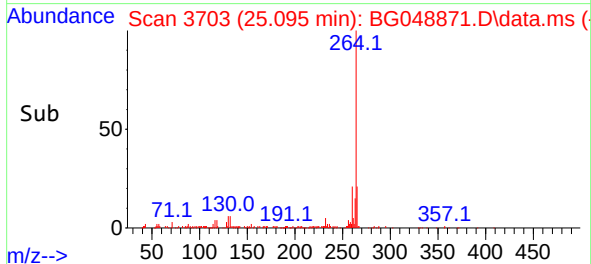
Instrument :
BNA_G
ClientSampled :
SB-30-0-2.0



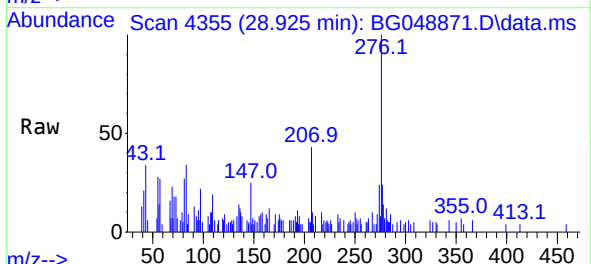
Tgt Ion:264 Resp: 127619
Ion Ratio Lower Upper
264 100
260 21.1 19.4 29.2
265 21.0 16.9 25.3

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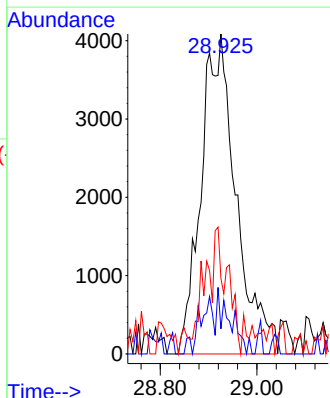
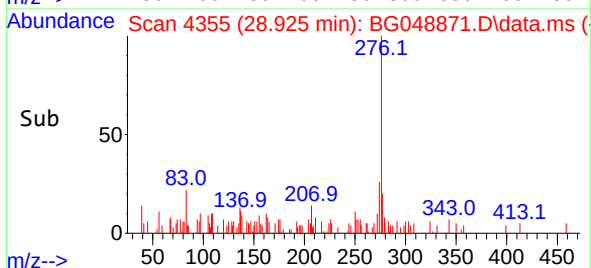
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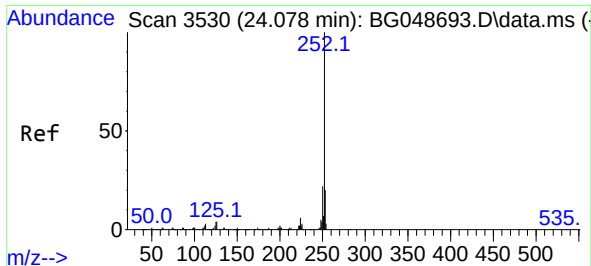


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.18 ng m
RT: 28.925 min Scan# 4355
Delta R.T. -0.011 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12



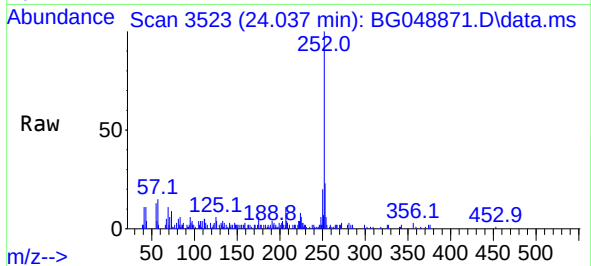
Tgt Ion:276 Resp: 20452
Ion Ratio Lower Upper
276 100
138 7.1 5.1 7.7
277 0.0 19.8 29.6#





#88
Benzo(b)fluoranthene
Concen: 4.65 ng
RT: 24.037 min Scan# 3523
Delta R.T. -0.011 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12

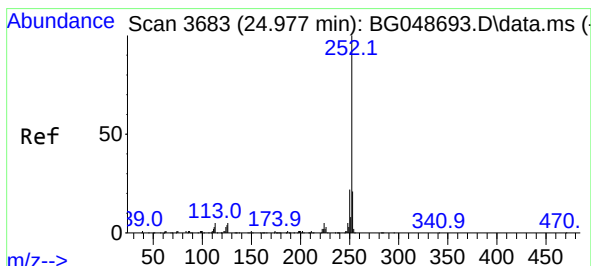
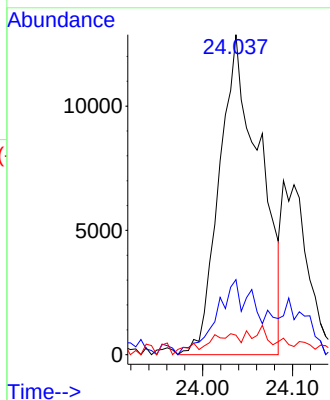
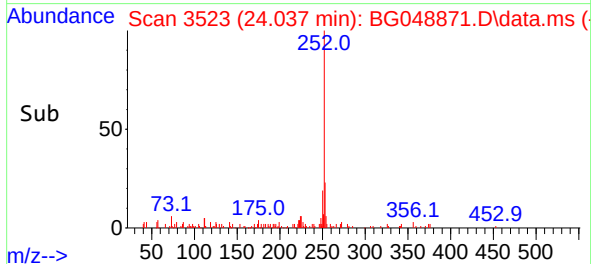
Instrument :
BNA_G
ClientSampled :
SB-30-0-2.0



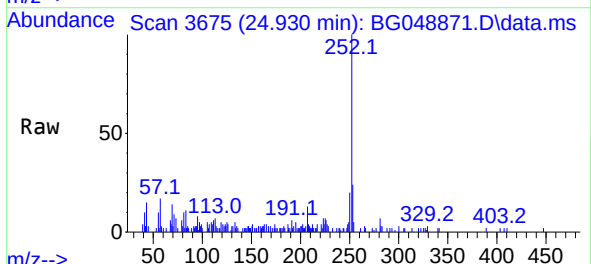
Tgt Ion:252 Resp: 40251
Ion Ratio Lower Upper
252 100
253 23.5 16.2 24.4
125 6.1 3.0 4.4#

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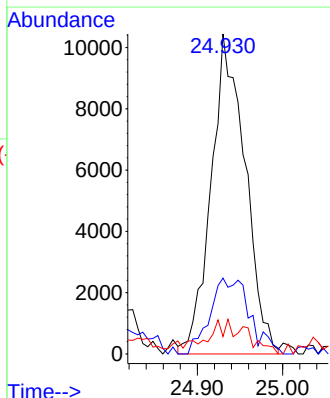
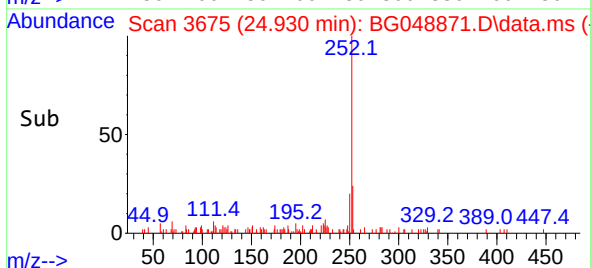
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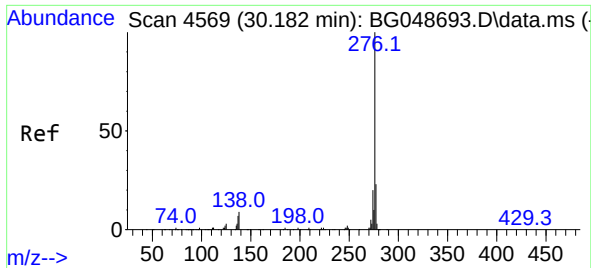


#90
Benzo(a)pyrene
Concen: 3.62 ng
RT: 24.930 min Scan# 3675
Delta R.T. -0.023 min
Lab File: BG048871.D
Acq: 23 Apr 2021 20:12



Tgt Ion:252 Resp: 28887
Ion Ratio Lower Upper
252 100
253 23.7 16.6 25.0
125 5.5 3.5 5.3#





#92
 Benzo(g,h,i)perylene
 Concen: 2.43 ng m
 RT: 30.118 min Scan# 4558
 Delta R.T. -0.011 min
 Lab File: BG048871.D
 Acq: 23 Apr 2021 20:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	17.8	18.4	27.6#
138	12.9	7.0	10.6#

Instrument :
 BNA_G
 ClientSampleId :
 SB-30-0-2.0

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