

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048834.D
 Acq On : 22 Apr 2021 00:49
 Operator : CG/JU
 Sample : M2025-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 104-SB-2

Manual Integrations
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Quant Time: Apr 22 02:42:18 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	8.064	152	21961	20.00	ng	0.00
21) Naphthalene-d8	10.890	136	93181	20.00	ng	# 0.00
39) Acenaphthene-d10	14.721	164	62527	20.00	ng	0.00
64) Phenanthrene-d10	17.476	188	136226	20.00	ng	# 0.00
76) Chrysene-d12	21.783	240	121282	20.00	ng	0.00
86) Perylene-d12	25.109	264	122893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	147358	112.23	ng	0.00
7) Phenol-d6	7.224	99	193073	103.95	ng	0.00
23) Nitrobenzene-d5	9.233	82	145803	70.05	ng	0.00
42) 2,4,6-Tribromophenol	16.219	330	78529	93.67	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	292545	67.57	ng	0.00
79) Terphenyl-d14	20.091	244	385807	54.75	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.247	94	4658	2.55	ng	# 70
71) Phenanthrene	17.523	178	64059	9.06	ng	98
75) Fluoranthene	19.533	202	151301	16.92	ng	94
78) Pyrene	19.903	202	126081	15.03	ng	97
81) Benzo(a)anthracene	21.760	228	71563	8.63	ng	94
83) Chrysene	21.824	228	64908	8.22	ng	96
87) Indeno(1,2,3-cd)pyrene	28.934	276	42714	4.73	ng	# 93
88) Benzo(b)fluoranthene	24.051	252	86975	10.43	ng	# 97
89) Benzo(k)fluoranthene	24.110	252	33990m	4.34	ng	
90) Benzo(a)pyrene	24.950	252	64309	8.37	ng	# 91
92) Benzo(g,h,i)perylene	30.120	276	40913	5.35	ng	# 91

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

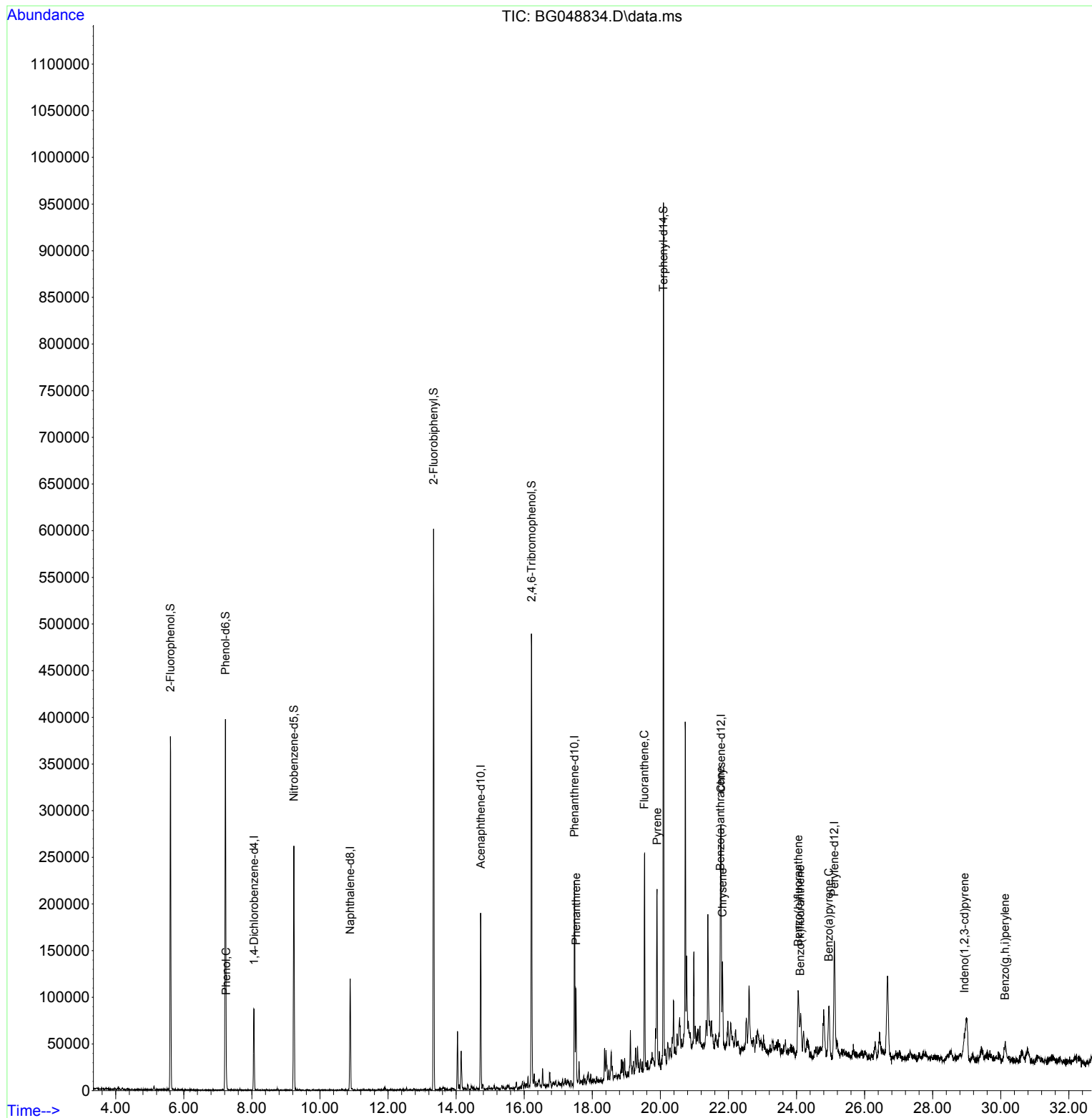
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048834.D
Acq On : 22 Apr 2021 00:49
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ALS Vial : 14 Sample Multiplier: 1

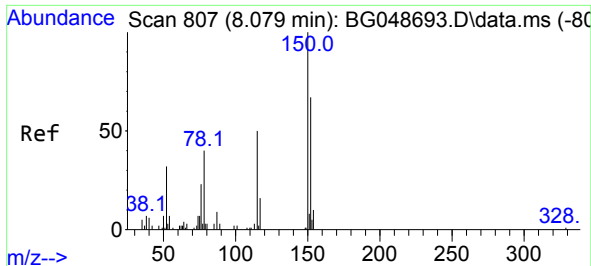
Instrument :
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ClientSampleId :
104-SB-2

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Quant Time: Apr 22 02:42:18 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





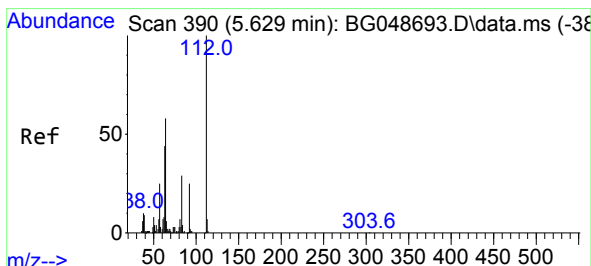
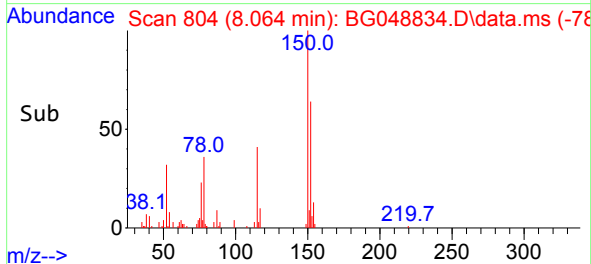
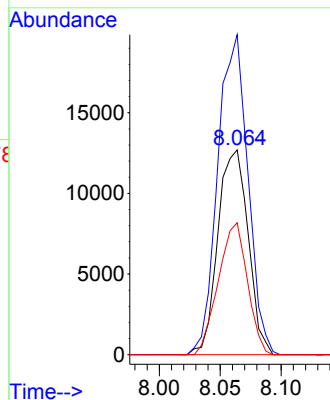
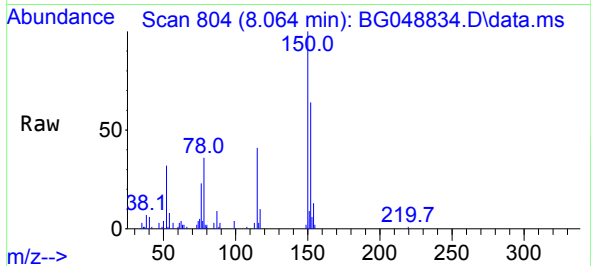
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.064 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

Tgt Ion:152 Resp: 21961
Ion Ratio Lower Upper
152 100
150 156.2 119.4 179.0
115 64.5 60.2 90.4

Instrument :
BNA_G
ClientSampled :
104-SB-2

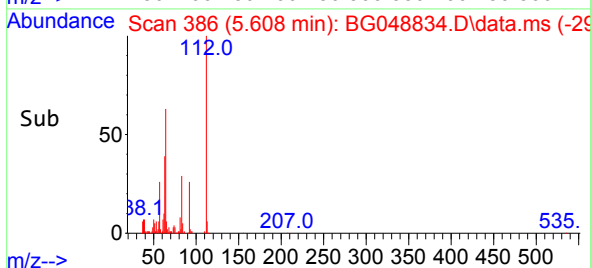
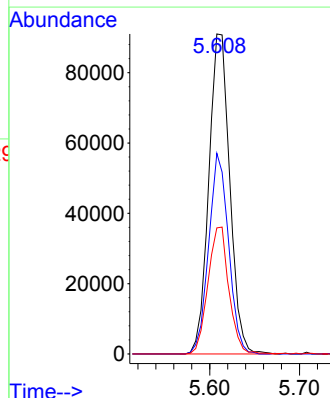
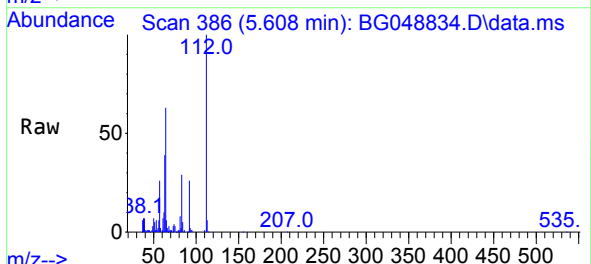
Manual Integrations
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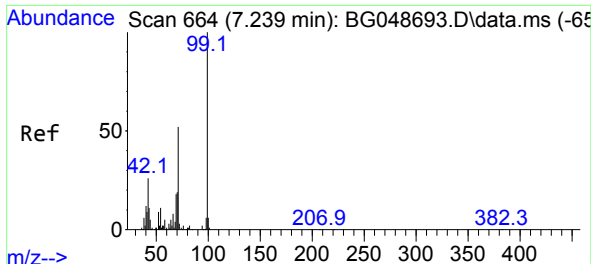
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#5
2-Fluorophenol
Concen: 112.23 ng
RT: 5.608 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

Tgt Ion:112 Resp: 147358
Ion Ratio Lower Upper
112 100
64 62.7 46.7 70.1
63 39.4 35.3 52.9





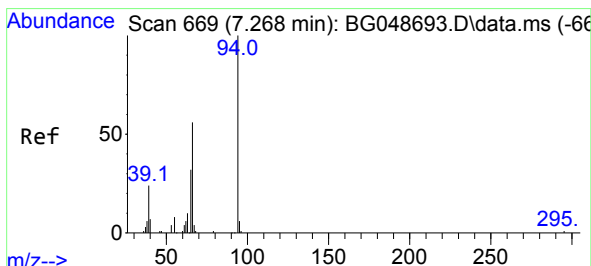
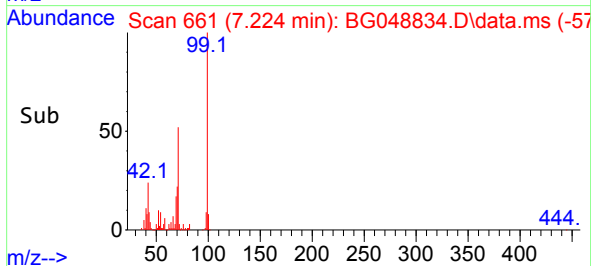
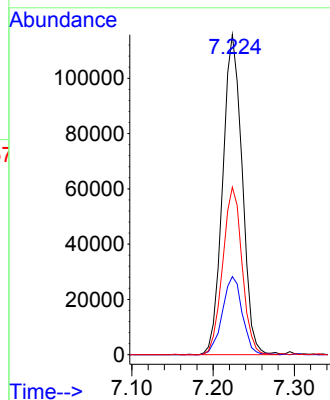
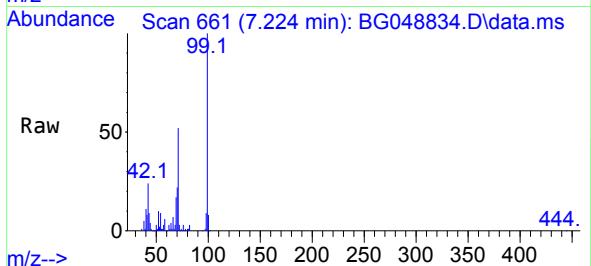
#7
Phenol-d6
Concen: 103.95 ng
RT: 7.224 min Scan# 661
Delta R.T. 0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

Tgt Ion: 99 Resp: 193073
Ion Ratio Lower Upper
99 100
42 24.4 20.5 30.7
71 52.3 41.5 62.3

Instrument :
BNA_G
ClientSampled :
104-SB-2

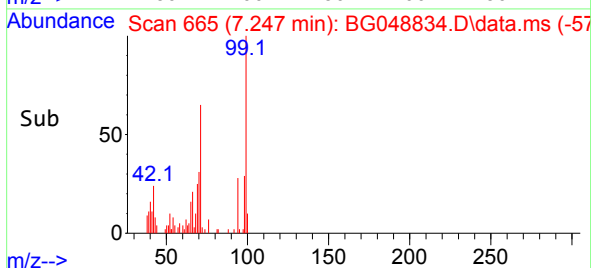
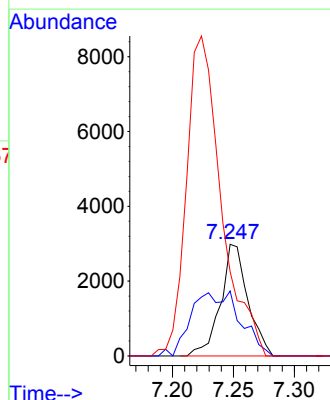
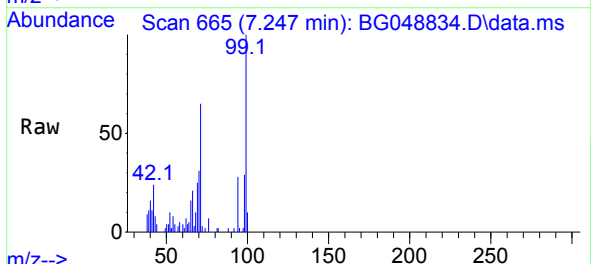
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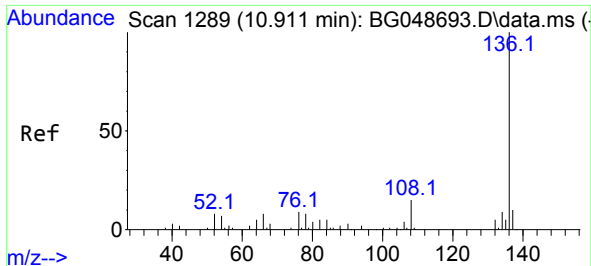
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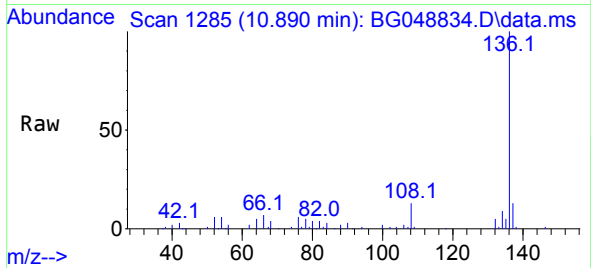
#10
Phenol
Concen: 2.55 ng
RT: 7.247 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

Tgt Ion: 94 Resp: 4658
Ion Ratio Lower Upper
94 100
65 58.2 12.9 52.9#
66 75.4 39.4 79.4

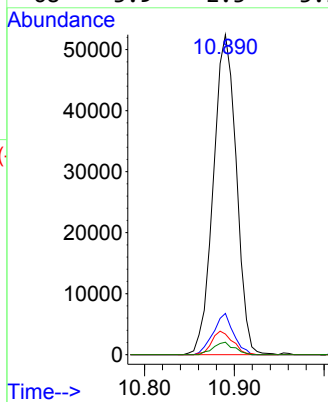
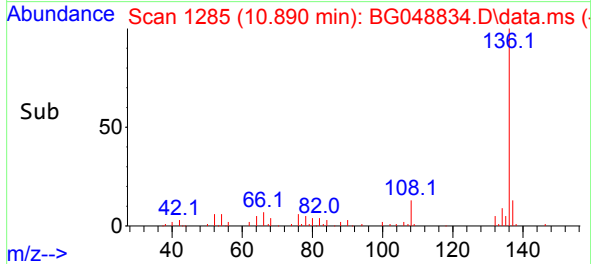




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.890 min Scan# 1285
Delta R.T. -0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49



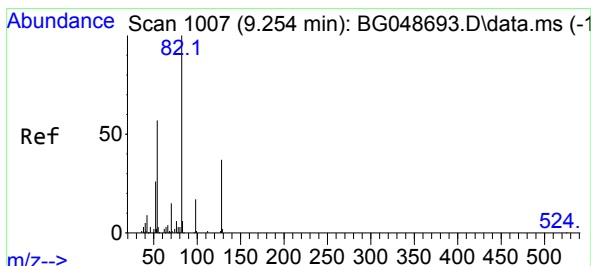
Tgt Ion:	136	Resp:	93181
Ion Ratio	Lower	Upper	
136	100		
137	12.9	8.2	12.2#
54	6.4	5.5	8.3
68	3.9	2.3	3.5#



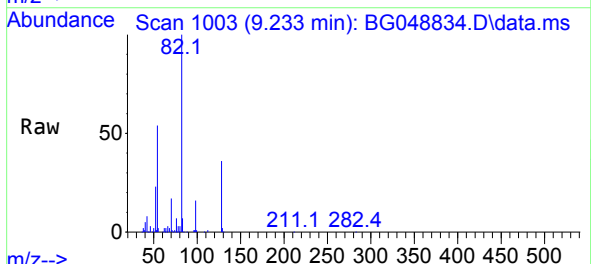
Instrument :
BNA_G
ClientSampleId :
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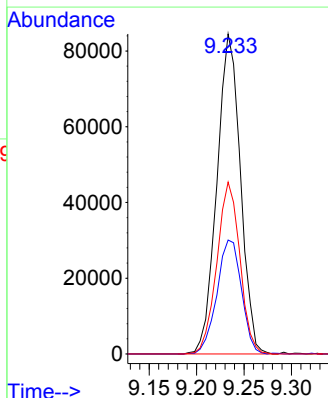
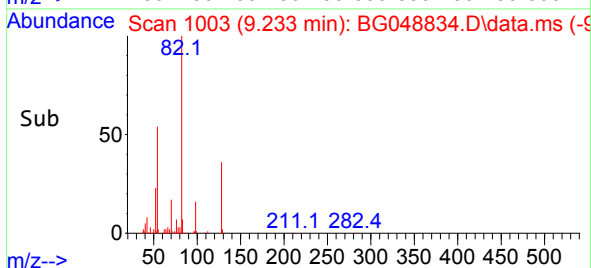
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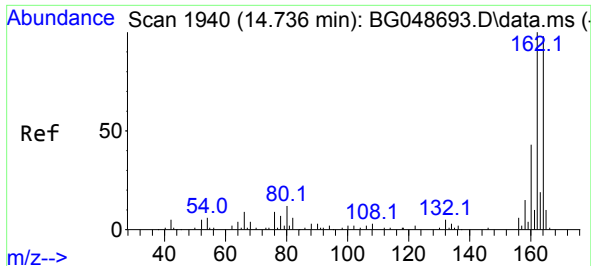


#23
Nitrobenzene-d5
Concen: 70.05 ng
RT: 9.233 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

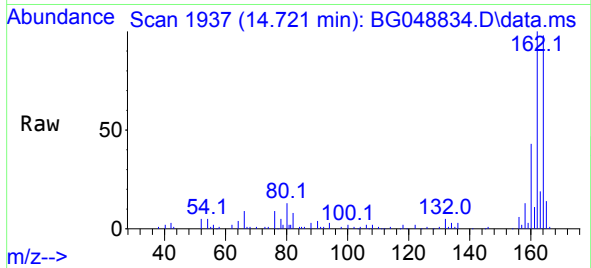


Tgt Ion:	82	Resp:	145803
Ion Ratio	Lower	Upper	
82	100		
128	35.6	29.8	44.6
54	53.7	45.8	68.8

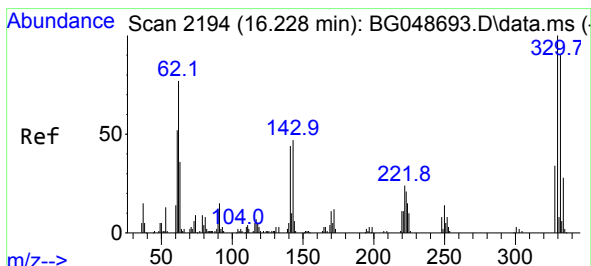
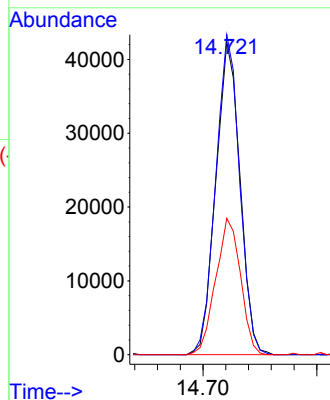
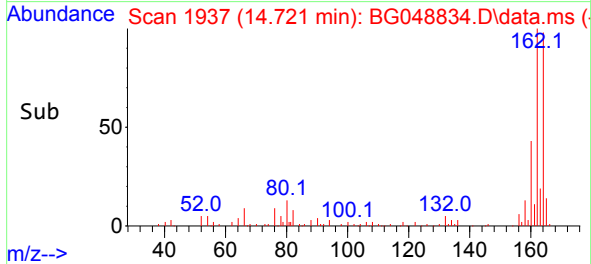




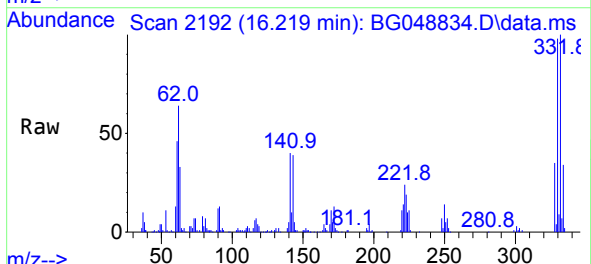
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.721 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49



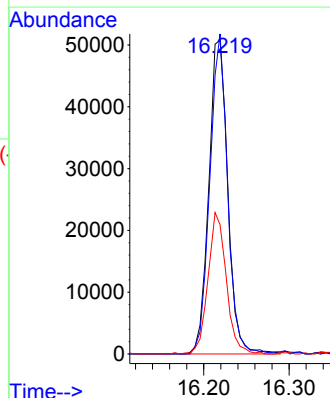
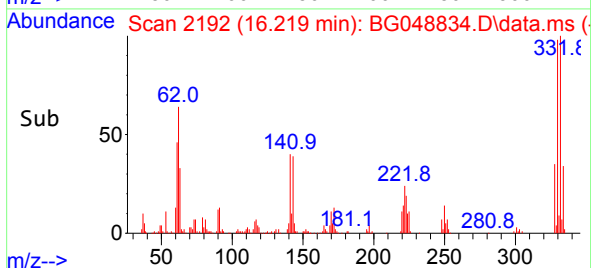
Tgt Ion:164 Resp: 62527
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 43.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 93.67 ng
RT: 16.219 min Scan# 2192
Delta R.T. 0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49



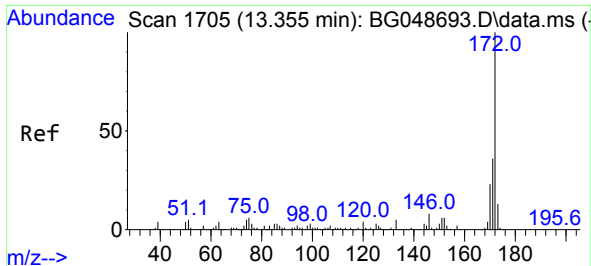
Tgt Ion:330 Resp: 78529
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 43.5 35.6 53.4



Instrument :
BNA_G
ClientSampleId :
104-SB-2

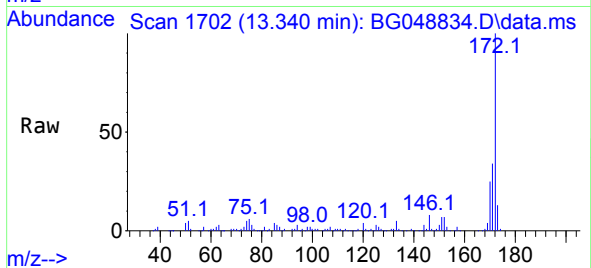
Manual Integrations
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#45
2-Fluorobiphenyl
Concen: 67.57 ng
RT: 13.340 min Scan# 1702
Delta R.T. -0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

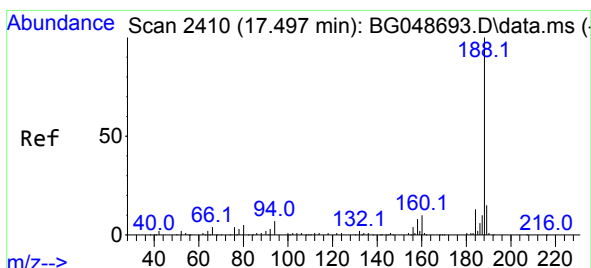
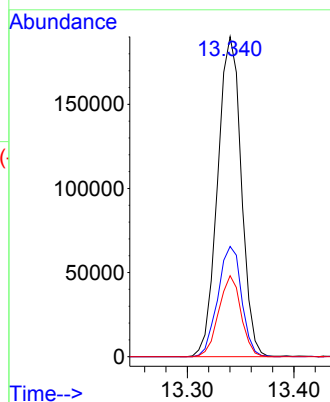
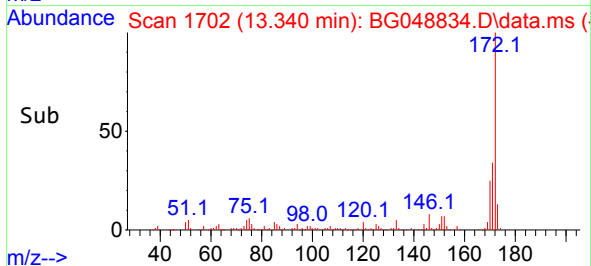
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BNA_G
ClientSampled :
104-SB-2



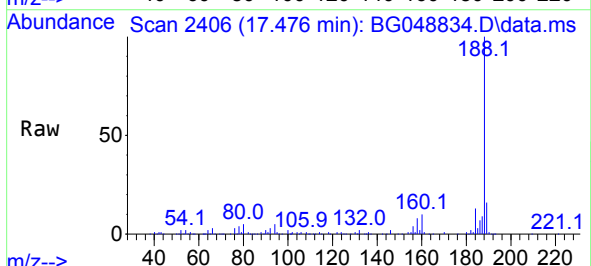
Tgt Ion:172 Resp: 292545
Ion Ratio Lower Upper
172 100
171 34.5 28.6 43.0
170 25.3 18.6 27.8

Manual Integrations
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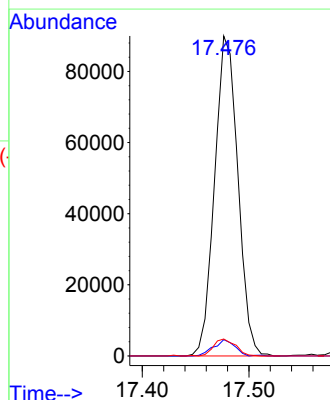
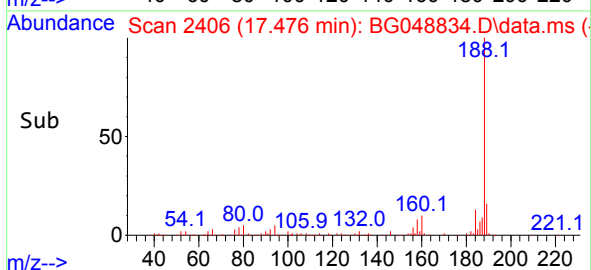
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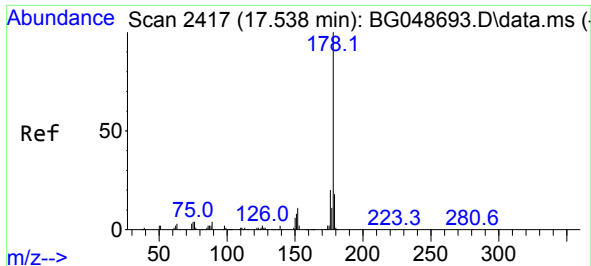


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.476 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49



Tgt Ion:188 Resp: 136226
Ion Ratio Lower Upper
188 100
94 5.1 5.4 8.0#
80 5.3 3.7 5.5





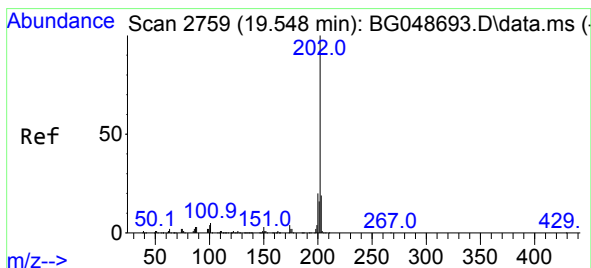
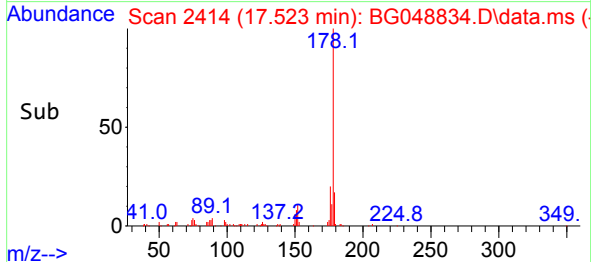
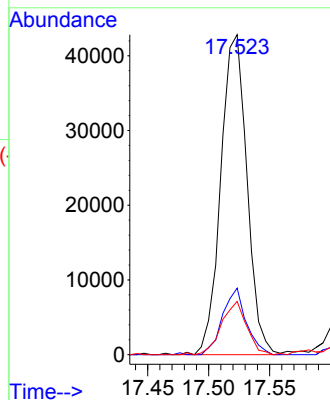
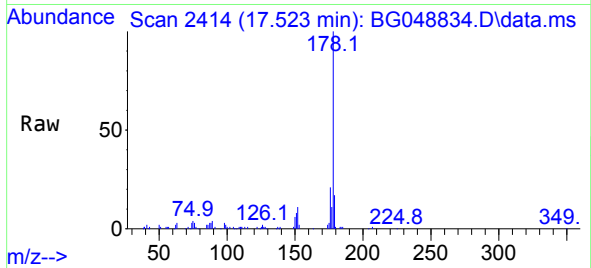
#71
Phenanthrene
Concen: 9.06 ng
RT: 17.523 min Scan# 2414
Delta R.T. 0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

Tgt Ion:178 Resp: 64059
Ion Ratio Lower Upper
178 100
176 20.8 16.0 24.0
179 16.6 14.2 21.4

Instrument :
BNA_G
ClientSampled :
104-SB-2

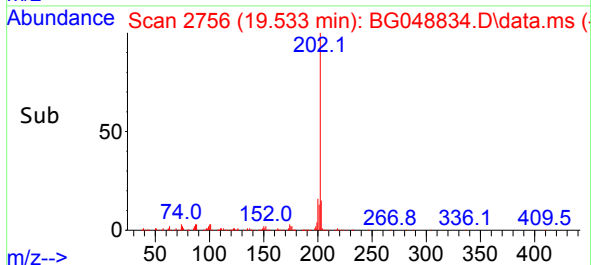
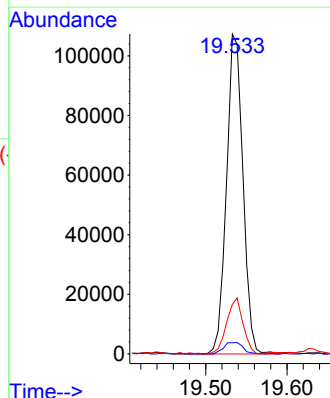
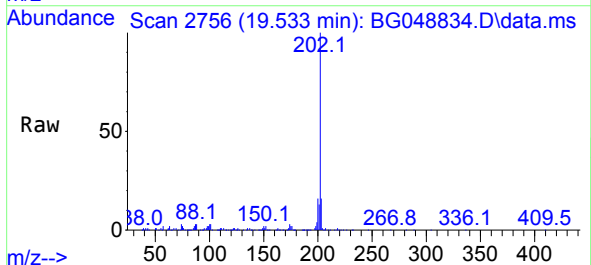
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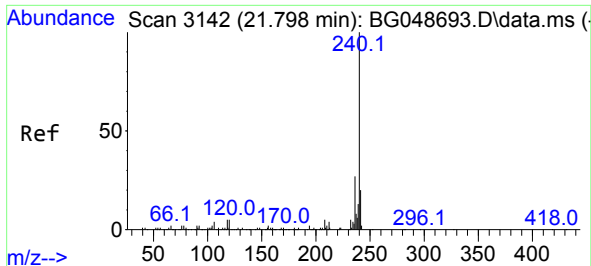
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#75
Fluoranthene
Concen: 16.92 ng
RT: 19.533 min Scan# 2756
Delta R.T. -0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

Tgt Ion:202 Resp: 151301
Ion Ratio Lower Upper
202 100
101 3.5 0.0 24.7
203 15.5 0.0 38.5





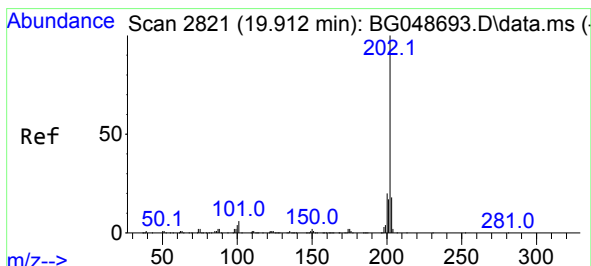
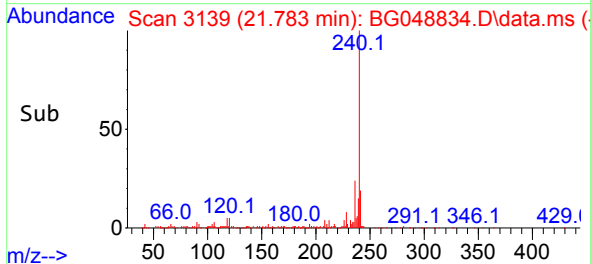
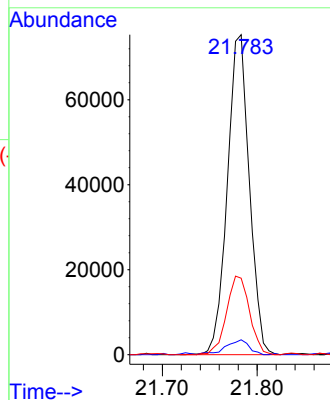
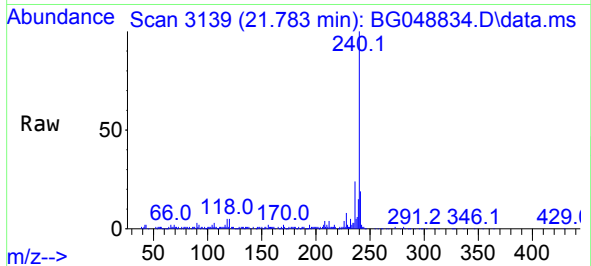
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.783 min Scan# 3139
Delta R.T. 0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

Tgt Ion:240 Resp: 121282
Ion Ratio Lower Upper
240 100
120 4.6 4.2 6.2
236 23.9 21.8 32.6

Instrument :
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ClientSampleId :
104-SB-2

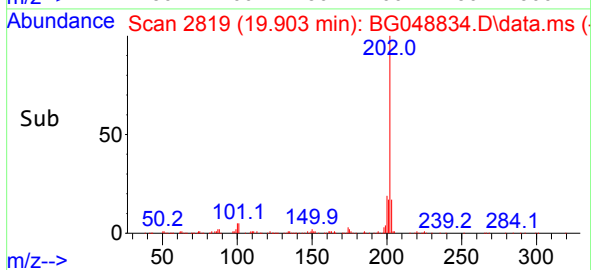
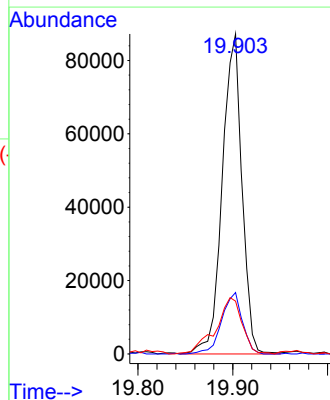
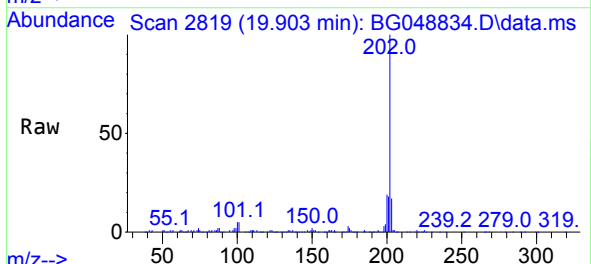
Manual Integrations
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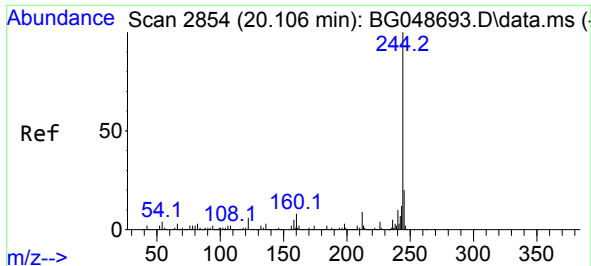
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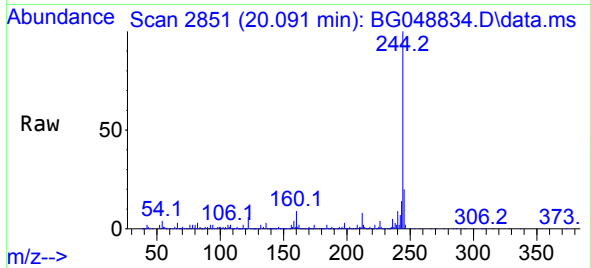
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Pyrene
Concen: 15.03 ng
RT: 19.903 min Scan# 2819
Delta R.T. 0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

Tgt Ion:202 Resp: 126081
Ion Ratio Lower Upper
202 100
200 19.2 15.8 23.8
203 16.5 14.6 21.8

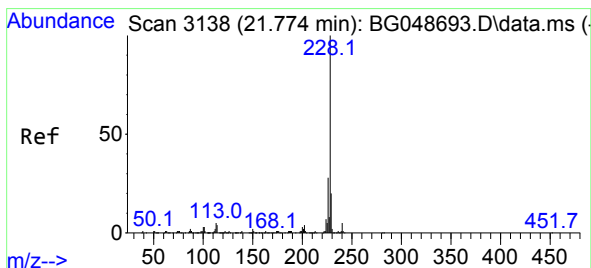
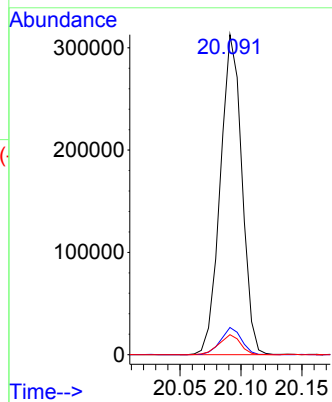
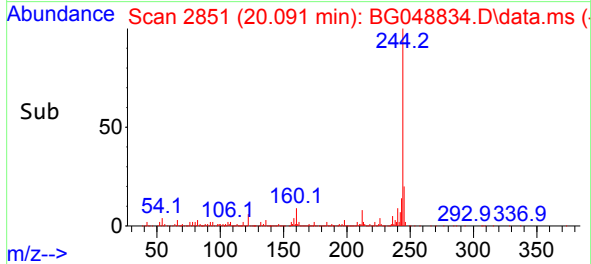




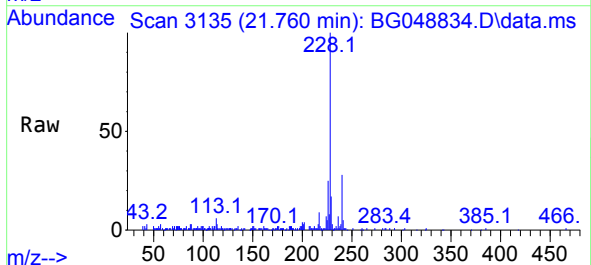
#79
Terphenyl-d14
Concen: 54.75 ng
RT: 20.091 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49



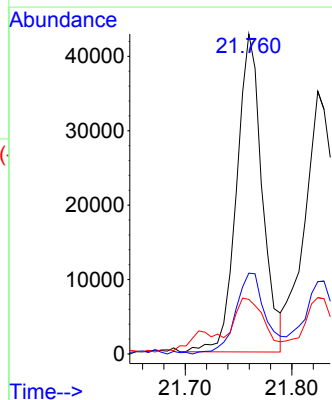
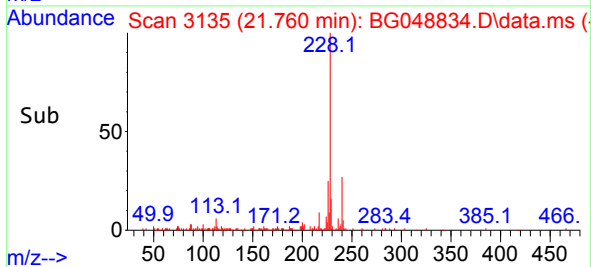
Tgt Ion:244 Resp: 385807
Ion Ratio Lower Upper
244 100
212 8.5 6.9 10.3
122 6.3 5.0 7.6



#81
Benzo(a)anthracene
Concen: 8.63 ng
RT: 21.760 min Scan# 3135
Delta R.T. 0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49



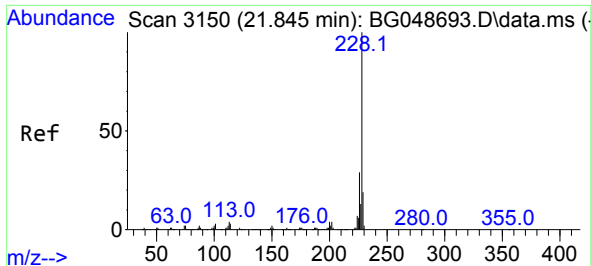
Tgt Ion:228 Resp: 71563
Ion Ratio Lower Upper
228 100
226 25.2 22.7 34.1
229 17.1 16.0 24.0



Instrument :
BNA_G
ClientSampleId :
104-SB-2

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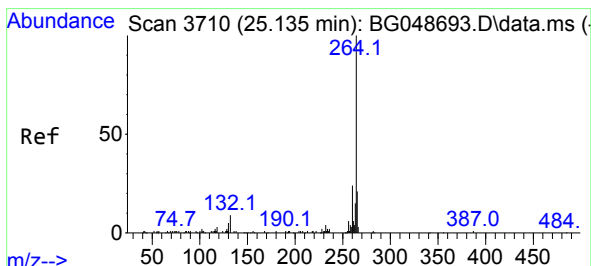
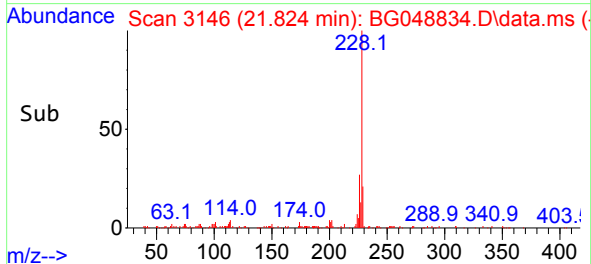
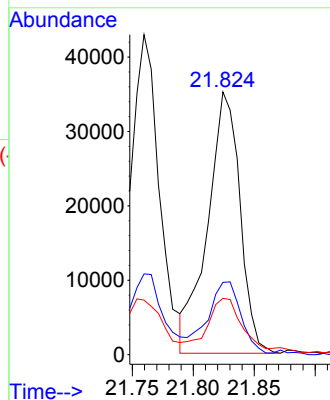
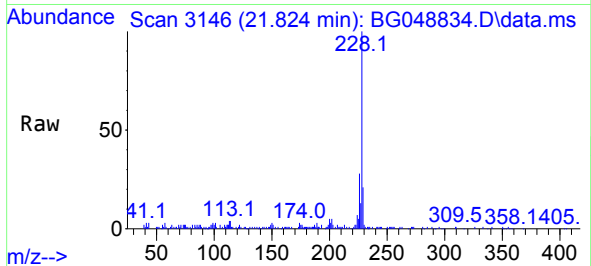
#83
Chrysene
Concen: 8.22 ng
RT: 21.824 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

Tgt Ion: 228 Resp: 64908
Ion Ratio Lower Upper
228 100
226 27.6 23.1 34.7
229 21.5 15.3 22.9

Instrument :
BNA_G
ClientSampled :
104-SB-2

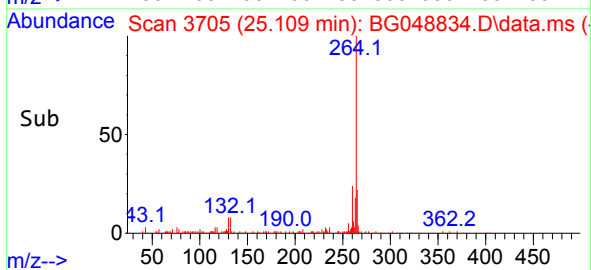
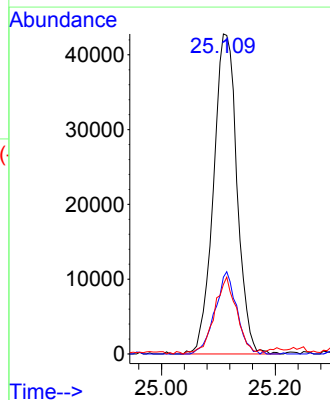
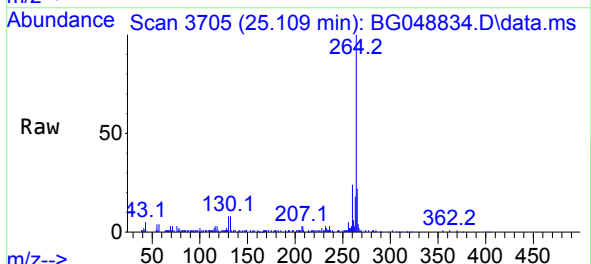
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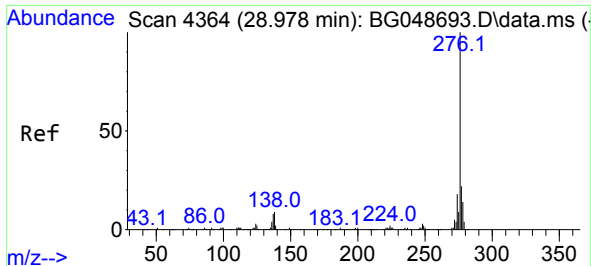
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.109 min Scan# 3705
Delta R.T. -0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

Tgt Ion: 264 Resp: 122893
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.7 16.9 25.3





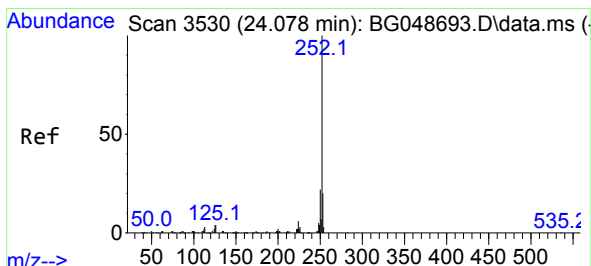
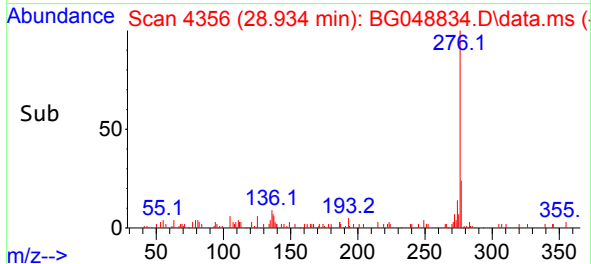
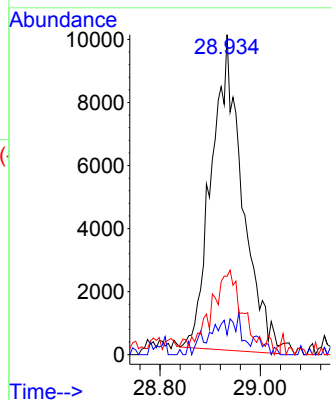
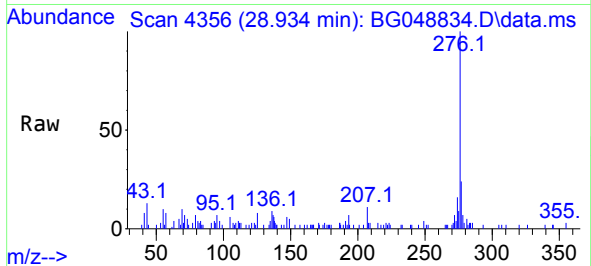
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.73 ng
RT: 28.934 min Scan# 4356
Delta R.T. -0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

Tgt Ion: 276 Resp: 42714
Ion Ratio Lower Upper
276 100
138 2.6 5.1 7.7#
277 27.5 19.8 29.6

Instrument :
BNA_G
ClientSampled :
104-SB-2

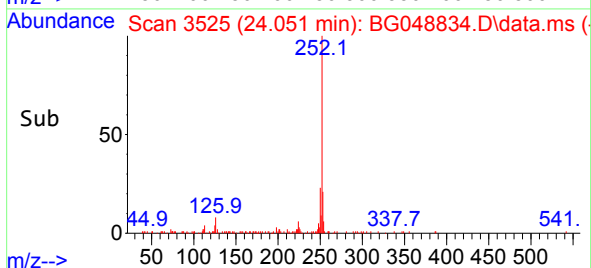
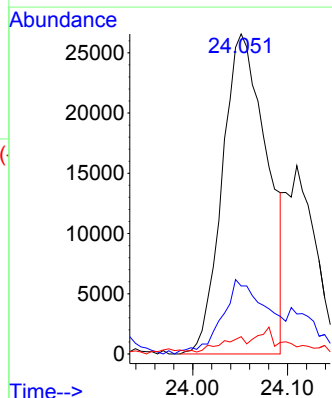
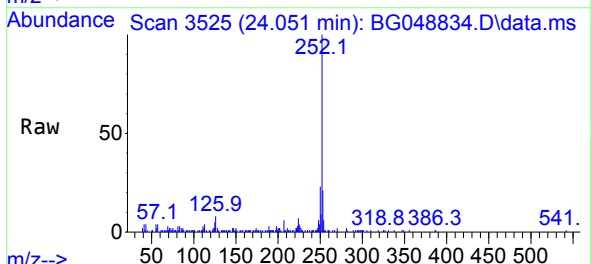
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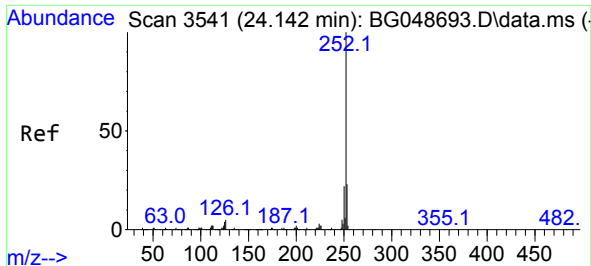
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#88
Benzo(b)fluoranthene
Concen: 10.43 ng
RT: 24.051 min Scan# 3525
Delta R.T. 0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

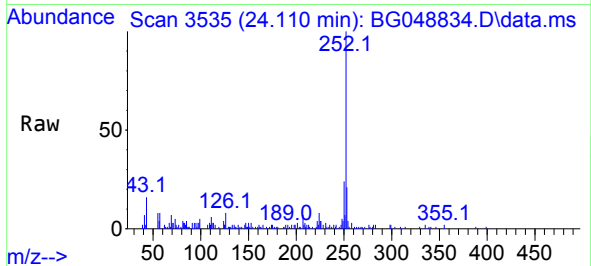
Tgt Ion: 252 Resp: 86975
Ion Ratio Lower Upper
252 100
253 21.2 16.2 24.4
125 5.4 3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 4.34 ng m
RT: 24.110 min Scan# 3535
Delta R.T. -0.009 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

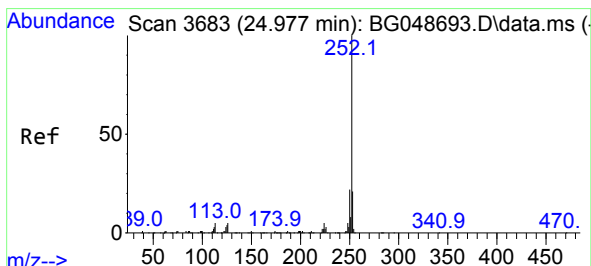
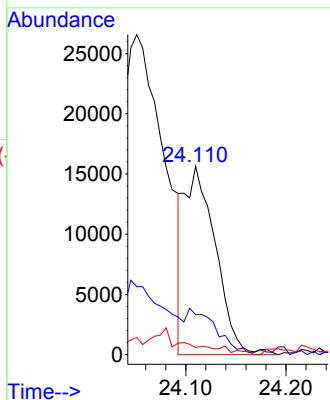
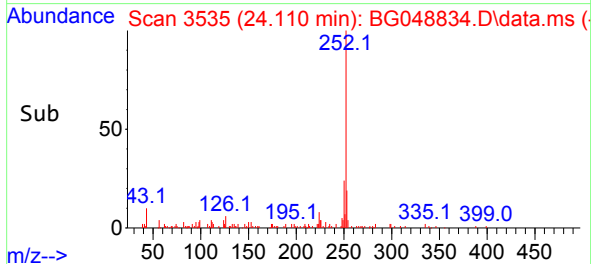
Instrument :
BNA_G
ClientSampleId :
104-SB-2



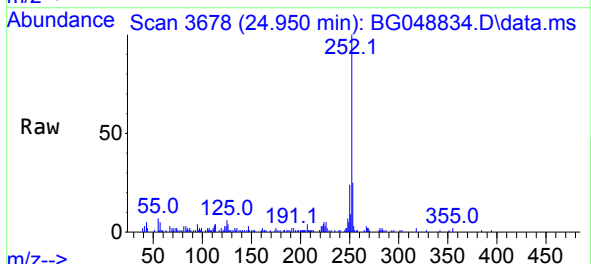
Tgt Ion:252 Resp: 33990
Ion Ratio Lower Upper
252 100
253 21.2 18.0 27.0
125 2.0 3.1 4.7#

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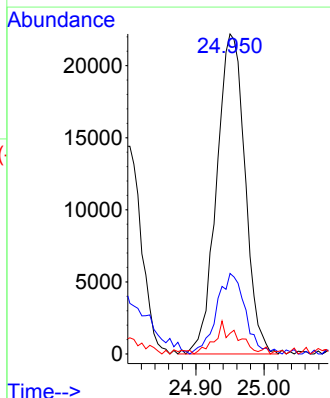
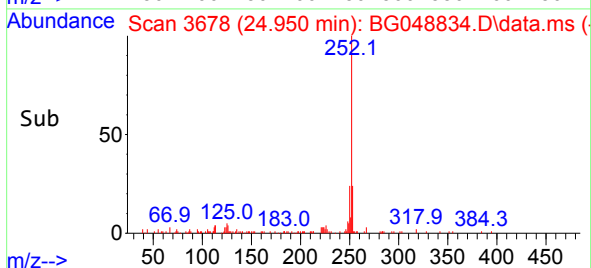
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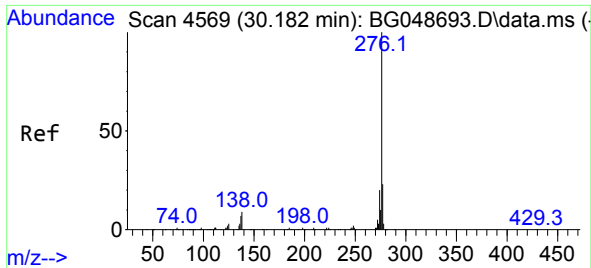


#90
Benzo(a)pyrene
Concen: 8.37 ng
RT: 24.950 min Scan# 3678
Delta R.T. -0.003 min
Lab File: BG048834.D
Acq: 22 Apr 2021 00:49

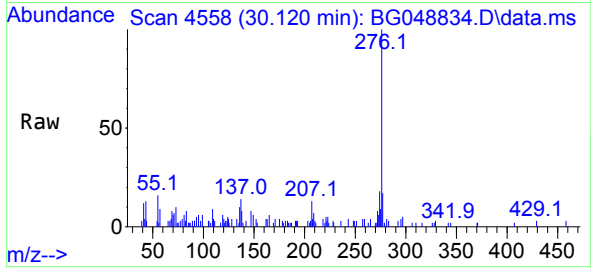


Tgt Ion:252 Resp: 64309
Ion Ratio Lower Upper
252 100
253 25.1 16.6 25.0#
125 6.5 3.5 5.3#

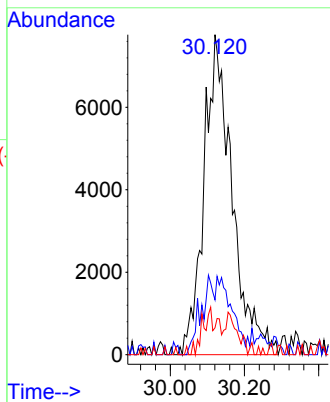
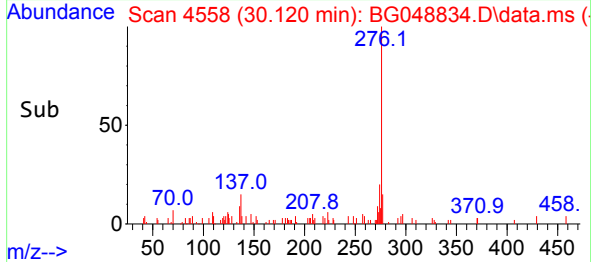




#92
 Benzo(g,h,i)perylene
 Concen: 5.35 ng
 RT: 30.120 min Scan# 4558
 Delta R.T. -0.009 min
 Lab File: BG048834.D
 Acq: 22 Apr 2021 00:49



Tgt Ion	Ratio	Lower	Upper
276	100		
277	17.2	18.4	27.6#
138	8.4	7.0	10.6



Instrument :
 BNA_G
 ClientSampleId :
 104-SB-2

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