

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030521\
 Data File : BG048348.D
 Acq On : 5 Mar 2021 21:48
 Operator : CG/JU
 Sample : M1566-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VEOLIA-72-11977

Manual Integrations
 APPROVED

mohammad
 3/8/2021 9:34:44 AM

Quant Time: Mar 06 01:02:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 16:23:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	35185	20.00	ng	#-0.01
21) Naphthalene-d8	10.884	136	141060	20.00	ng	0.00
39) Acenaphthene-d10	14.703	164	108659	20.00	ng	0.00
64) Phenanthrene-d10	17.447	188	240187	20.00	ng	-0.01
76) Chrysene-d12	21.718	240	248535	20.00	ng	#-0.01
86) Perylene-d12	24.985	264	250308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	218817	105.86	ng	0.00
7) Phenol-d6	7.282	99	308978	98.39	ng	0.00
23) Nitrobenzene-d5	9.245	82	249623	74.86	ng	0.00
42) 2,4,6-Tribromophenol	16.201	330	149487	86.01	ng	0.00
45) 2-Fluorobiphenyl	13.322	172	521111	67.24	ng	0.00
79) Terphenyl-d14	20.050	244	815607	59.97	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.306	94	8456	2.66	ng	# 10
71) Phenanthrene	17.494	178	88611	6.79	ng	100
73) Carbazole	17.870	167	26048	2.13	ng	97
75) Fluoranthene	19.497	202	252624	14.88	ng	95
78) Pyrene	19.856	202	175952	10.14	ng	96
81) Benzo(a)anthracene	21.701	228	74711	4.31	ng	97
83) Chrysene	21.765	228	126613	7.64	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	142933	16.74	ng	95
87) Indeno(1,2,3-cd)pyrene	28.681	276	49443	2.61	ng	# 70
88) Benzo(b)fluoranthene	23.939	252	139067m	8.04	ng	
89) Benzo(k)fluoranthene	24.004	252	52619m	3.19	ng	
90) Benzo(a)pyrene	24.821	252	63347m	3.95	ng	
92) Benzo(g,h,i)perylene	29.850	276	45559	2.90	ng	# 92

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

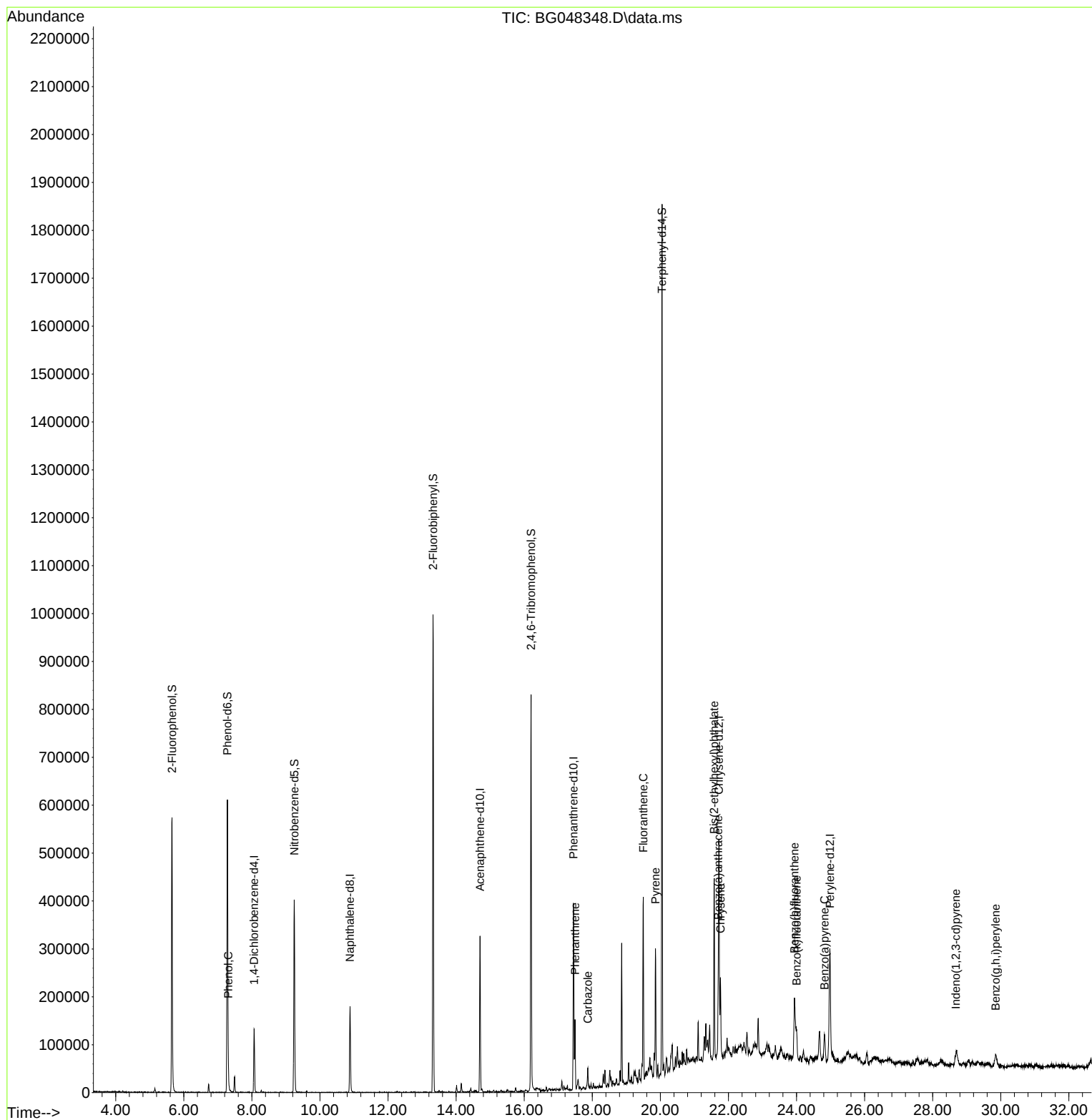
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Data File : BG048348.D
Acq On : 5 Mar 2021 21:48
Operator : CG/JU
Sample : M1566-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

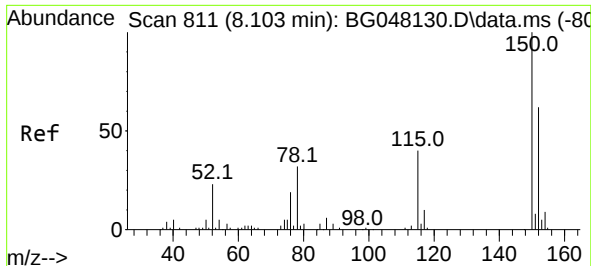
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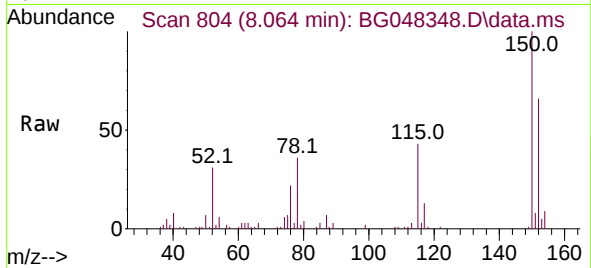
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
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QLast Update : Fri Mar 05 16:23:55 2021
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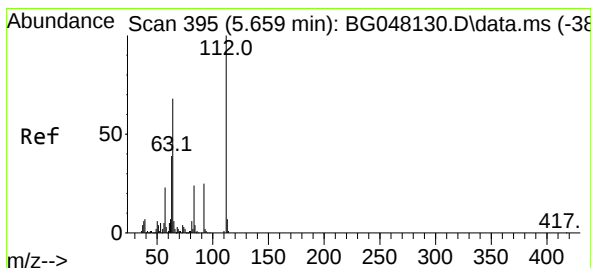
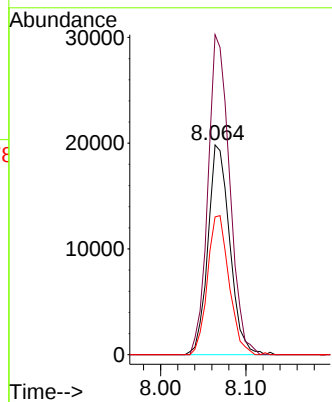
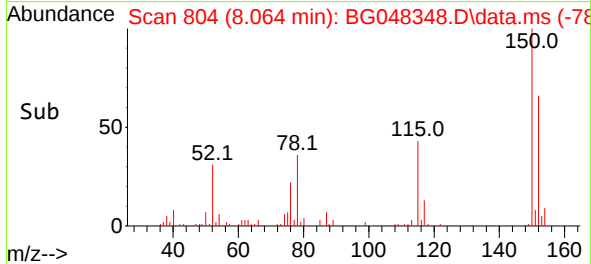




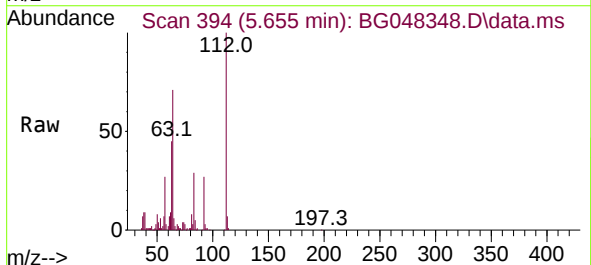
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.064 min Scan# 804
Delta R.T. -0.010 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48



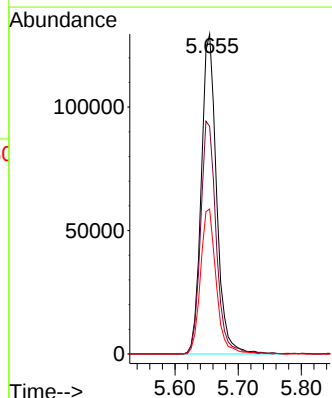
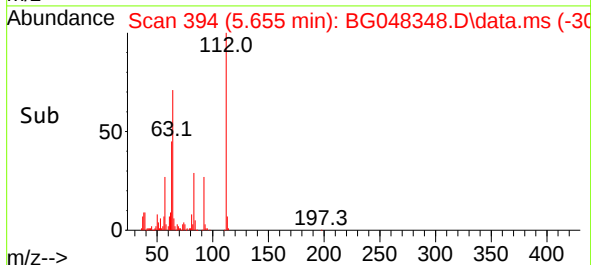
Tgt Ion:152 Resp: 35185
Ion Ratio Lower Upper
152 100
150 152.5 125.0 187.6
115 65.7 41.8 62.6#



#5
2-Fluorophenol
Concen: 105.86 ng
RT: 5.655 min Scan# 394
Delta R.T. 0.002 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48



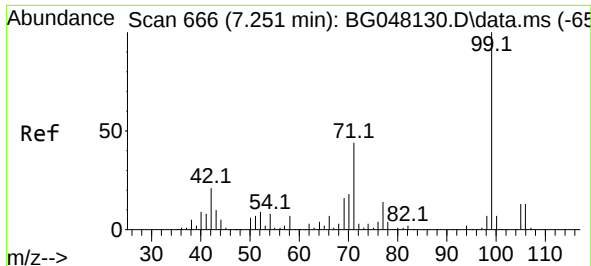
Tgt Ion:112 Resp: 218817
Ion Ratio Lower Upper
112 100
64 71.1 46.7 70.1#
63 45.3 22.8 34.2#



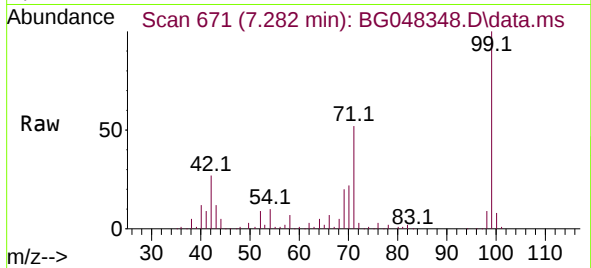
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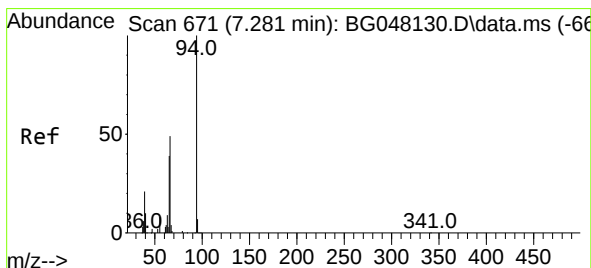
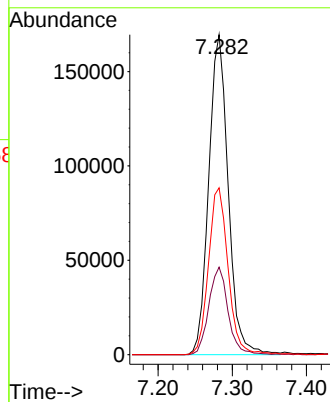
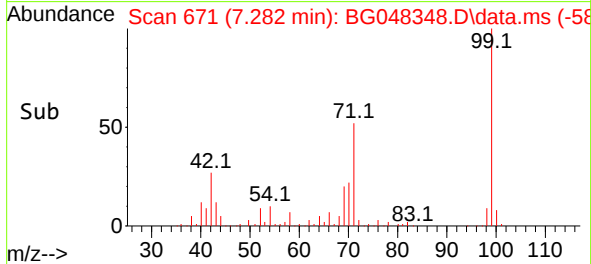
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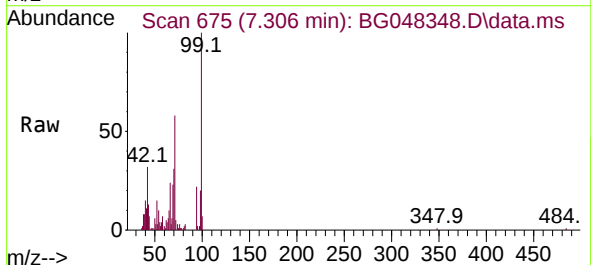
#7
Phenol-d6
Concen: 98.39 ng
RT: 7.282 min Scan# 671
Delta R.T. -0.004 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48



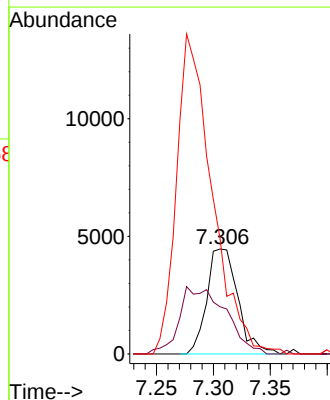
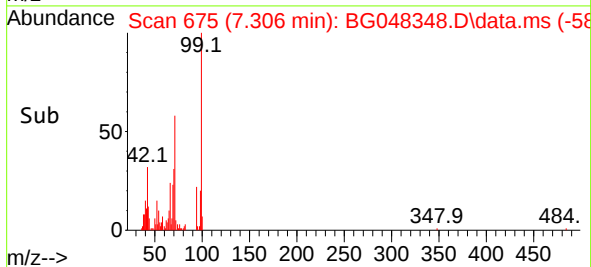
Tgt Ion: 99 Resp: 308978
Ion Ratio Lower Upper
99 100
42 27.3 12.8 19.2#
71 52.1 24.6 36.8#



#10
Phenol
Concen: 2.66 ng
RT: 7.306 min Scan# 675
Delta R.T. -0.004 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48



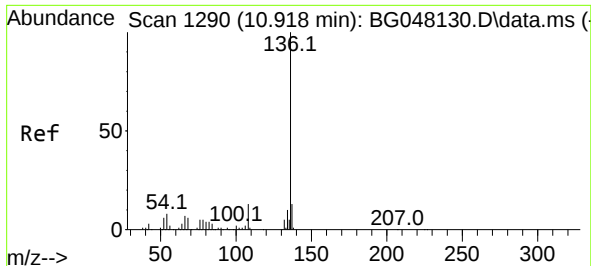
Tgt Ion: 94 Resp: 8456
Ion Ratio Lower Upper
94 100
65 44.9 6.6 46.6
66 110.0 13.9 53.9#



Instrument :
BNA_G
ClientSampleId :
VEOLIA-72-11977

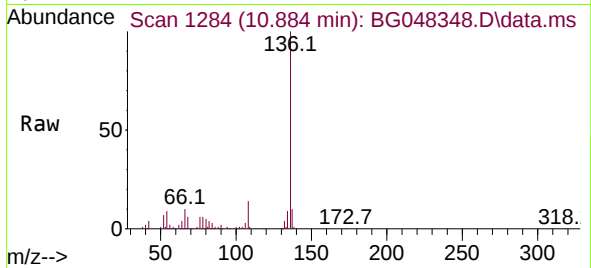
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.884 min Scan# 1284
Delta R.T. -0.004 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

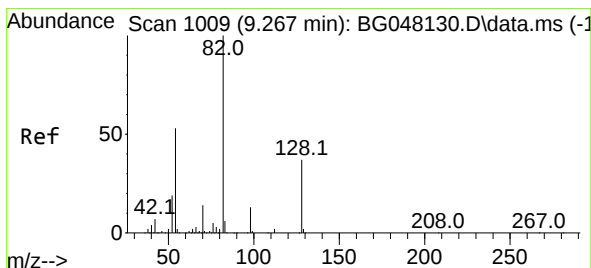
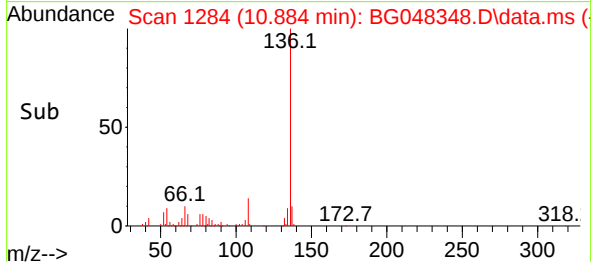
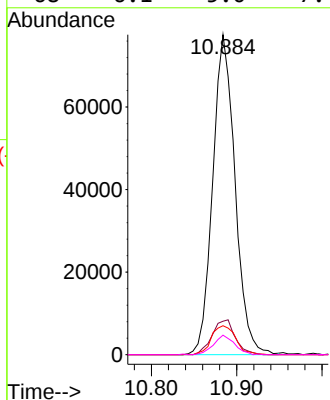
Instrument :
BNA_G
ClientSampleId :
VEOLIA-72-11977



Tgt Ion:136 Resp: 141060
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 9.1 6.2 9.4
68 6.1 5.0 7.4

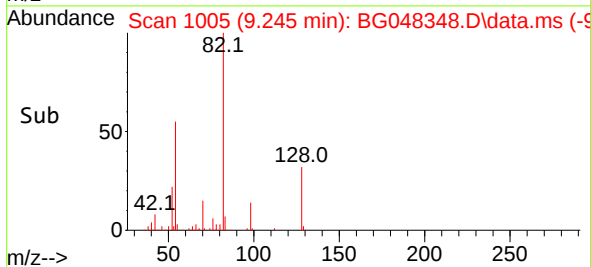
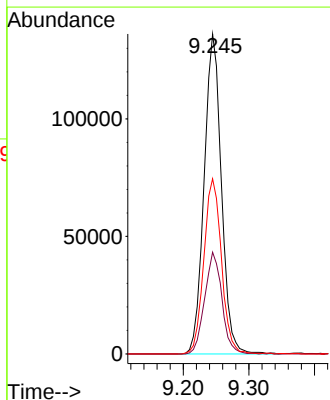
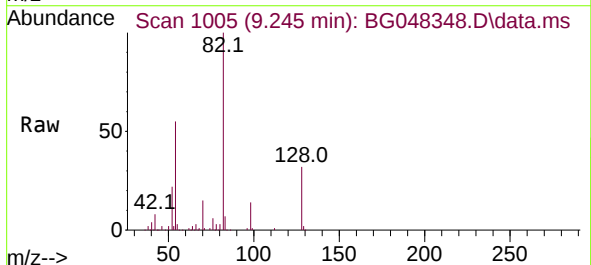
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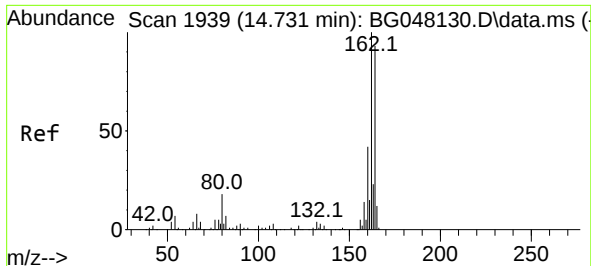
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#23
Nitrobenzene-d5
Concen: 74.86 ng
RT: 9.245 min Scan# 1005
Delta R.T. -0.004 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

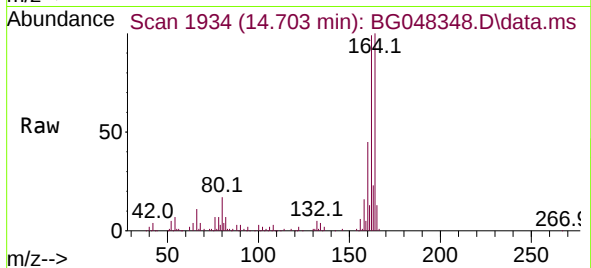
Tgt Ion: 82 Resp: 249623
Ion Ratio Lower Upper
82 100
128 31.8 37.0 55.6#
54 54.8 39.0 58.4





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.703 min Scan# 1934
Delta R.T. -0.004 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

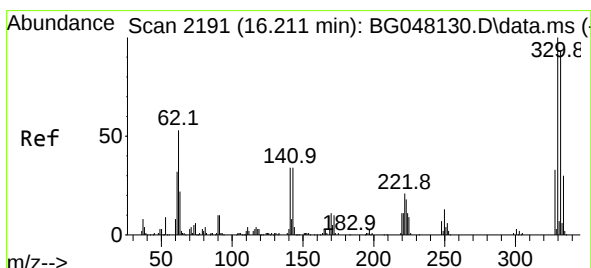
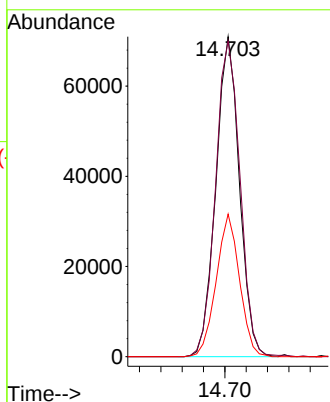
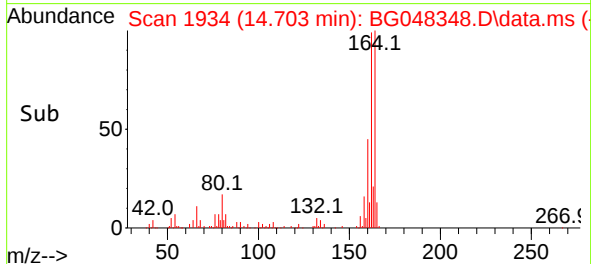
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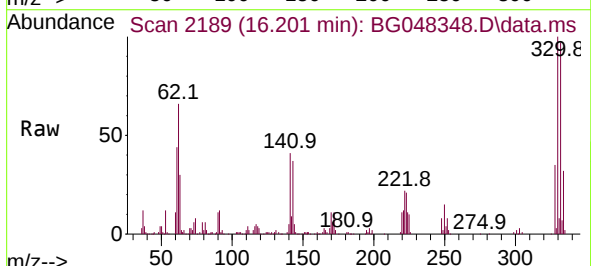
Tgt Ion:164 Resp: 108659
Ion Ratio Lower Upper
164 100
162 98.6 82.3 123.5
160 44.5 35.3 52.9

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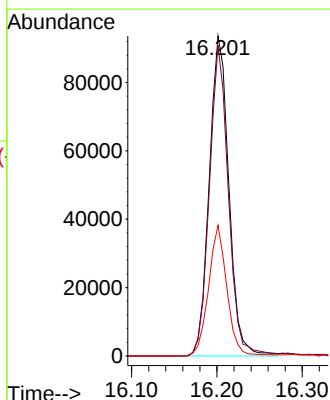
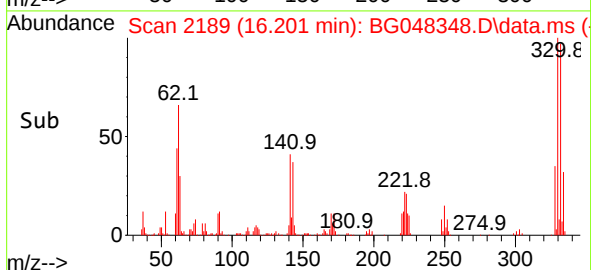
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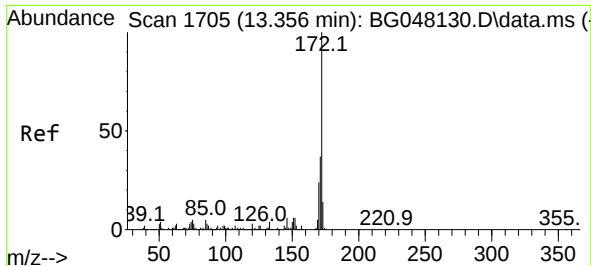


#42
2,4,6-Tribromophenol
Concen: 86.01 ng
RT: 16.201 min Scan# 2189
Delta R.T. -0.004 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48



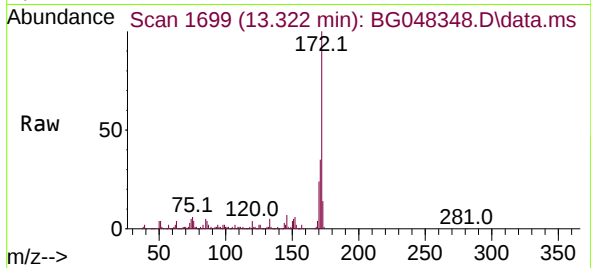
Tgt Ion:330 Resp: 149487
Ion Ratio Lower Upper
330 100
332 94.7 76.5 114.7
141 38.3 26.0 39.0





#45
2-Fluorobiphenyl
Concen: 67.24 ng
RT: 13.322 min Scan# 1699
Delta R.T. -0.004 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

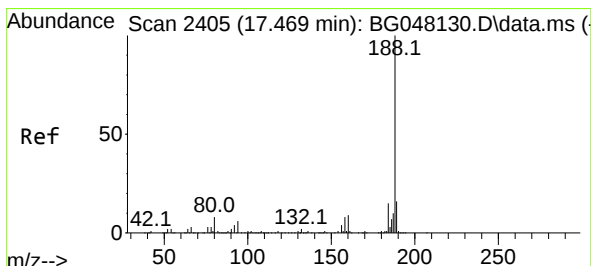
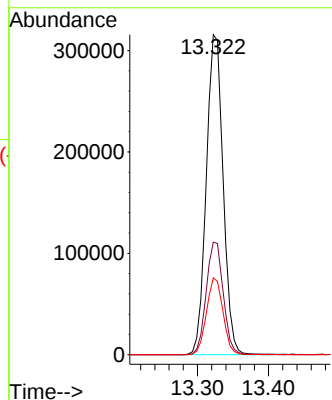
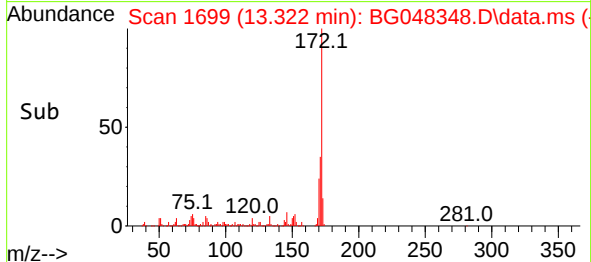
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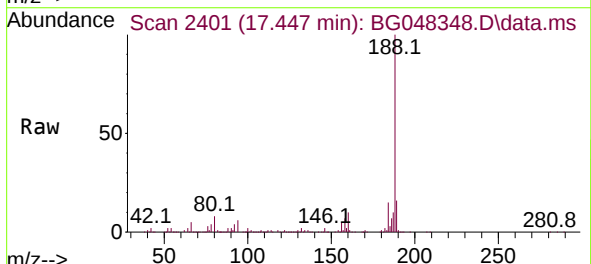
Tgt Ion:172 Resp: 521111
Ion Ratio Lower Upper
172 100
171 35.2 31.3 46.9
170 24.0 20.8 31.2

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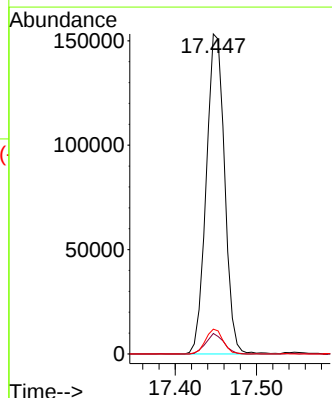
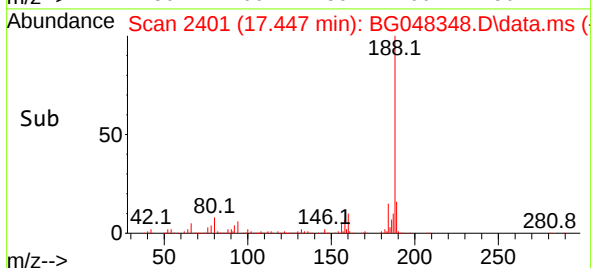
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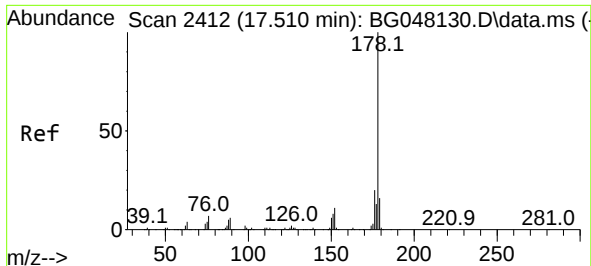


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.447 min Scan# 2401
Delta R.T. -0.010 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48



Tgt Ion:188 Resp: 240187
Ion Ratio Lower Upper
188 100
94 6.4 6.3 9.5
80 7.8 7.0 10.6





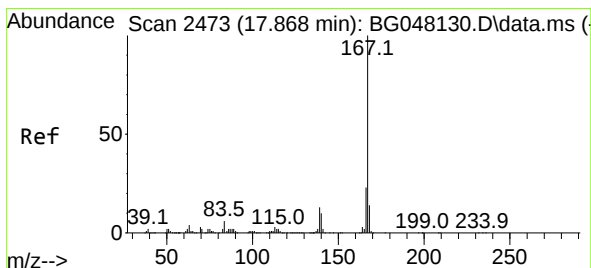
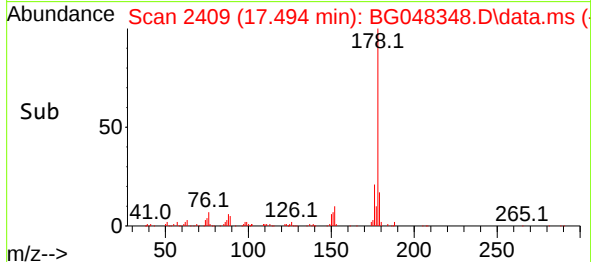
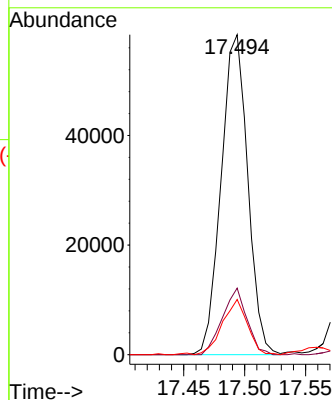
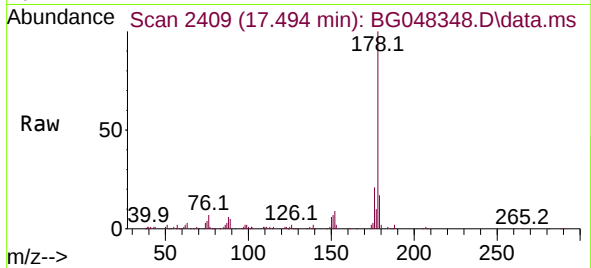
#71
Phenanthrene
Concen: 6.79 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.004 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

Tgt Ion:178 Resp: 88611
Ion Ratio Lower Upper
178 100
176 20.8 16.7 25.1
179 17.2 14.0 21.0

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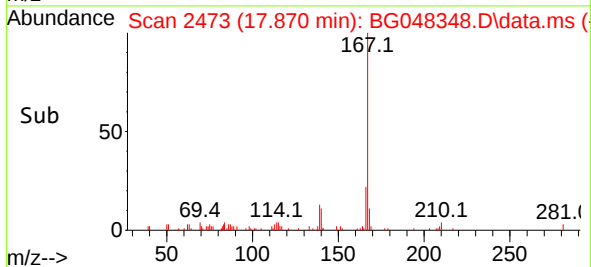
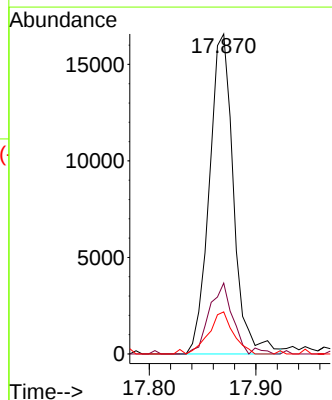
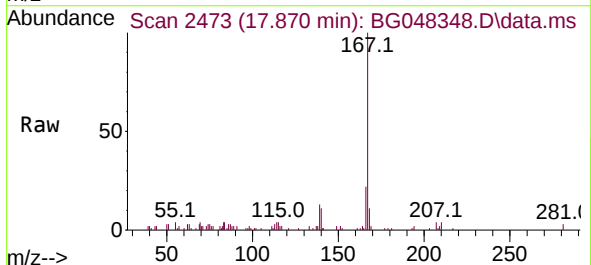
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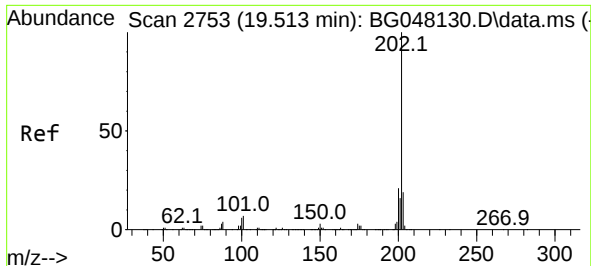
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#73
Carbazole
Concen: 2.13 ng
RT: 17.870 min Scan# 2473
Delta R.T. -0.004 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

Tgt Ion:167 Resp: 26048
Ion Ratio Lower Upper
167 100
166 22.2 18.7 28.1
139 13.1 9.6 14.4





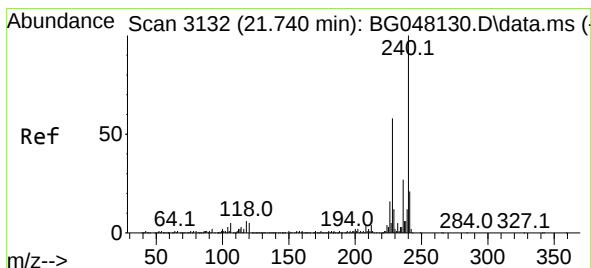
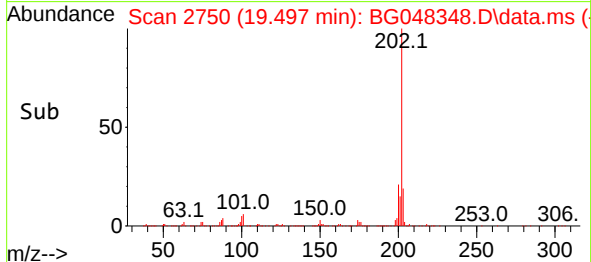
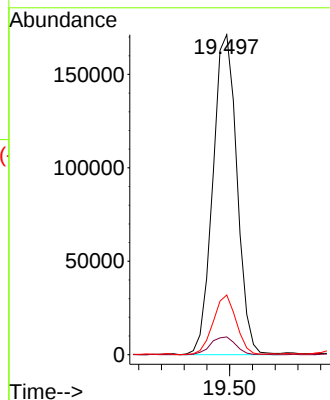
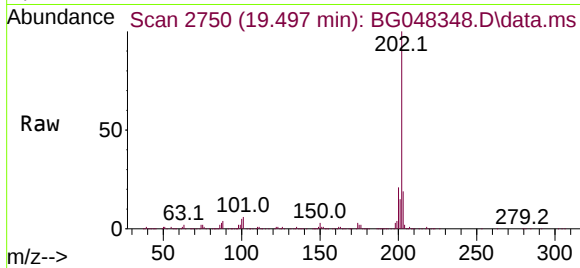
#75
Fluoranthene
Concen: 14.88 ng
RT: 19.497 min Scan# 2750
Delta R.T. -0.004 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.5	0.0	29.7
203	18.6	0.0	39.2

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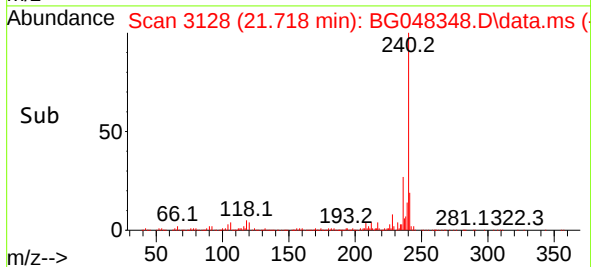
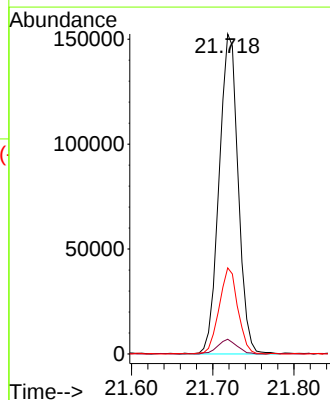
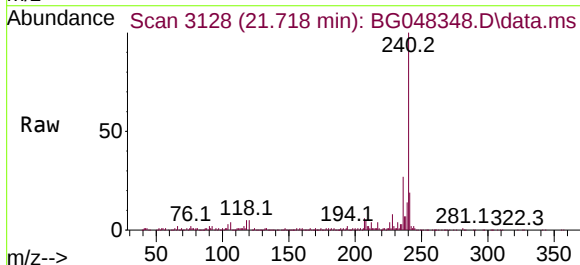
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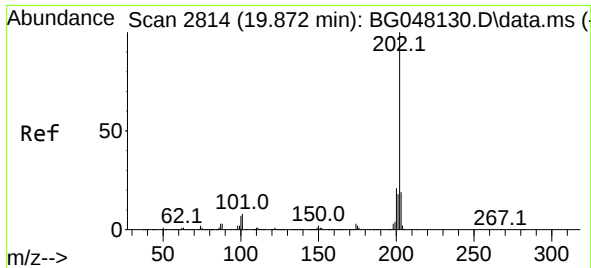
mohammad
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.718 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

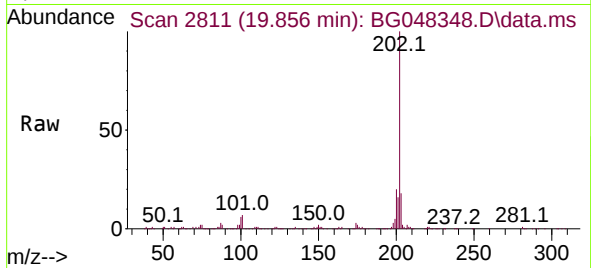
Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.2	9.4
236	26.9	20.5	30.7





#78
 Pyrene
 Concen: 10.14 ng
 RT: 19.856 min Scan# 2811
 Delta R.T. -0.004 min
 Lab File: BG048348.D
 Acq: 5 Mar 2021 21:48

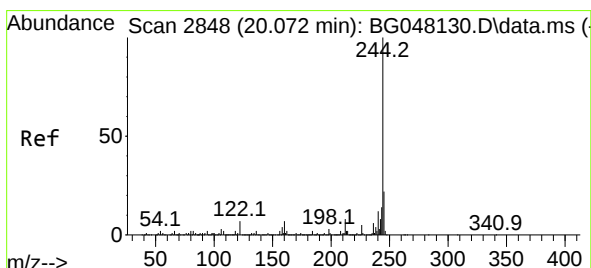
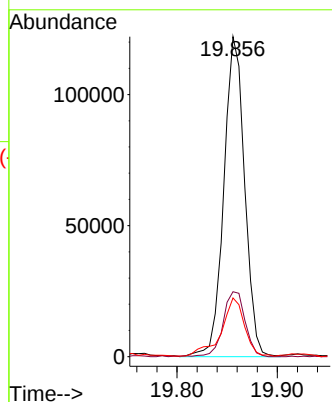
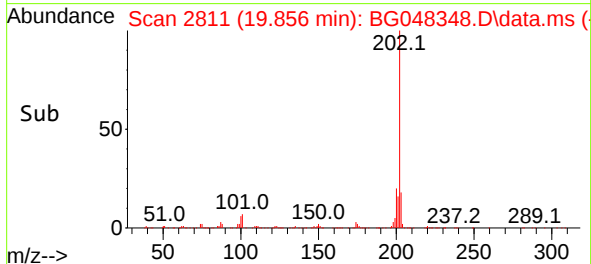
Instrument :
 BNA_G
 ClientSampleId :
 VEOLIA-72-11977



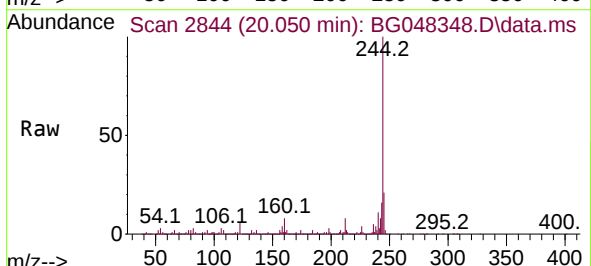
Tgt Ion:202 Resp: 175952
 Ion Ratio Lower Upper
 202 100
 200 20.3 18.6 27.8
 203 18.3 15.3 22.9

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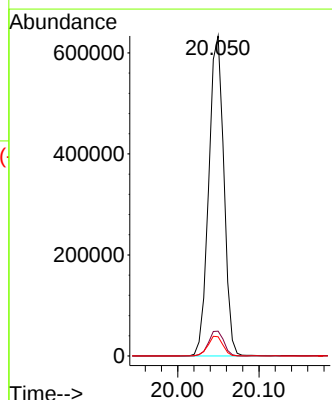
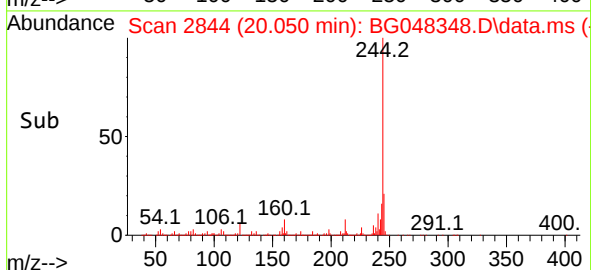
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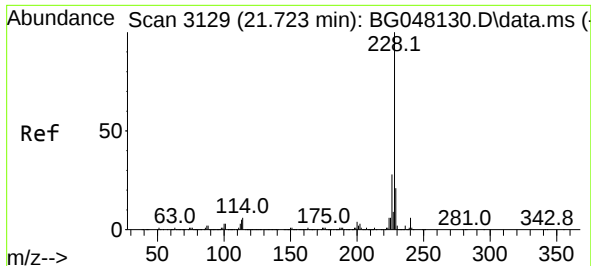


#79
 Terphenyl-d14
 Concen: 59.97 ng
 RT: 20.050 min Scan# 2844
 Delta R.T. -0.004 min
 Lab File: BG048348.D
 Acq: 5 Mar 2021 21:48



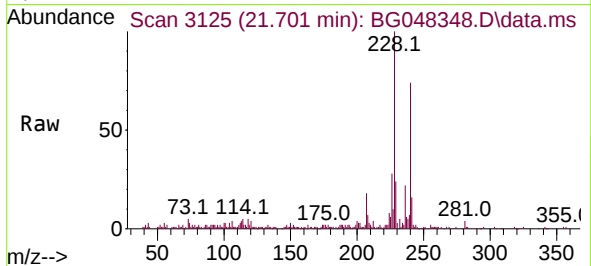
Tgt Ion:244 Resp: 815607
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.7 10.1
 122 6.0 7.8 11.6#





#81
Benzo(a)anthracene
Concen: 4.31 ng
RT: 21.701 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

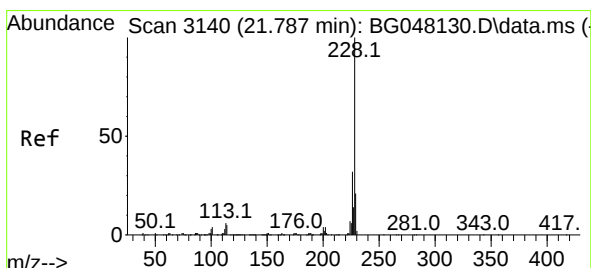
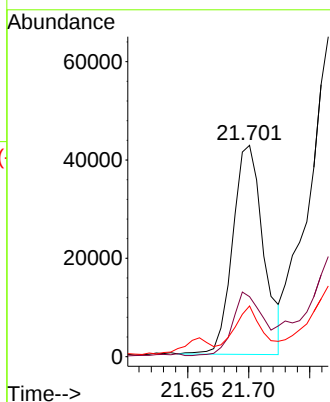
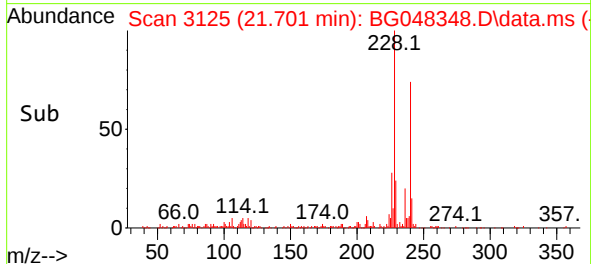
Instrument :
BNA_G
ClientSampleId :
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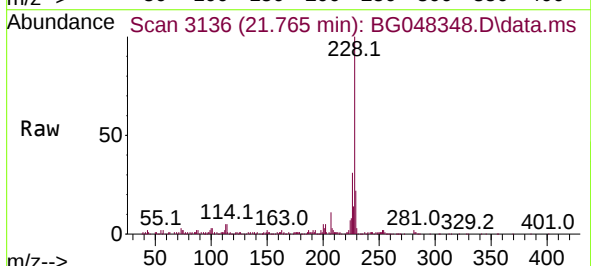
Tgt Ion:228 Resp: 74711
Ion Ratio Lower Upper
228 100
226 28.4 23.3 34.9
229 24.0 17.4 26.0

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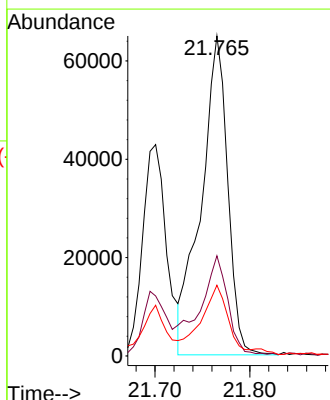
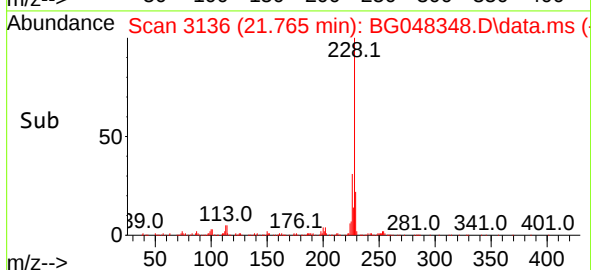
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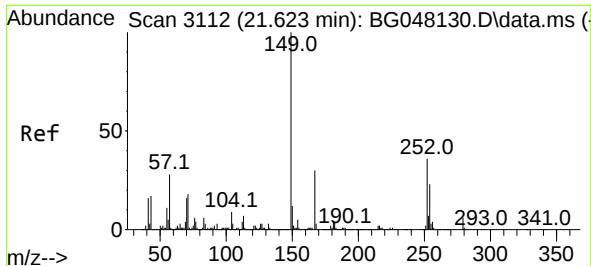


#83
Chrysene
Concen: 7.64 ng
RT: 21.765 min Scan# 3136
Delta R.T. -0.010 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48



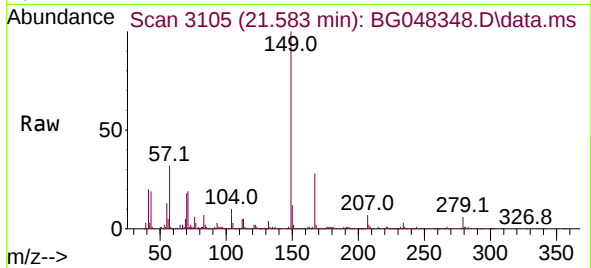
Tgt Ion:228 Resp: 126613
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.4
229 22.1 17.3 25.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 16.74 ng
RT: 21.583 min Scan# 3105
Delta R.T. 0.002 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

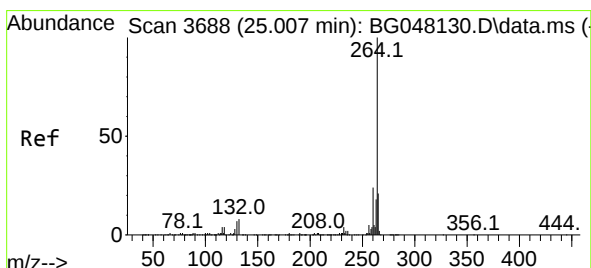
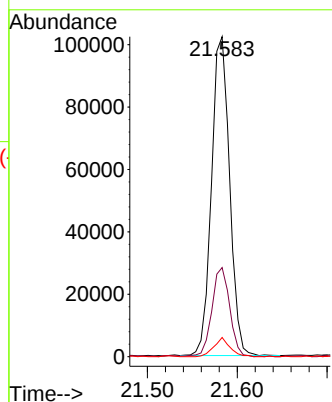
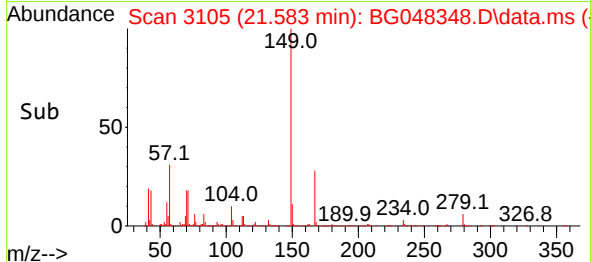
Instrument :
BNA_G
ClientSampleId :
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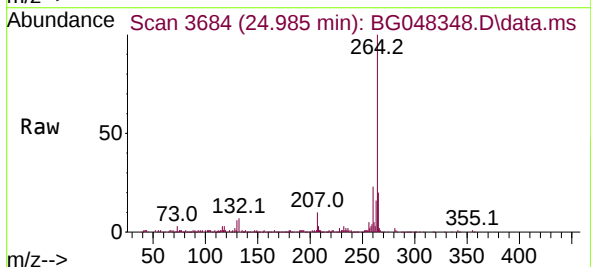
Tgt Ion:149 Resp: 142933
Ion Ratio Lower Upper
149 100
167 27.8 24.8 37.2
279 6.0 4.6 7.0

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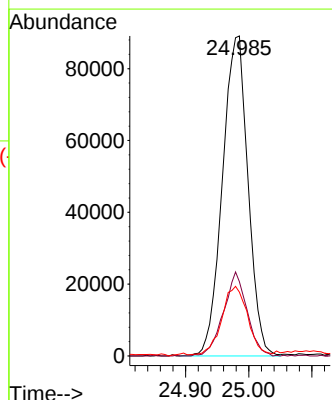
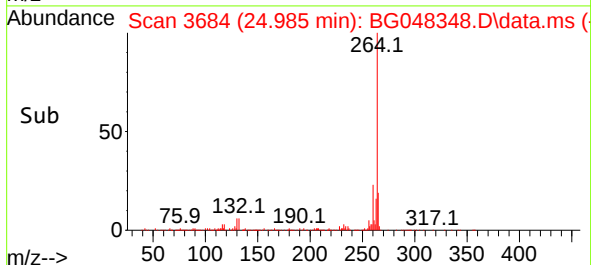
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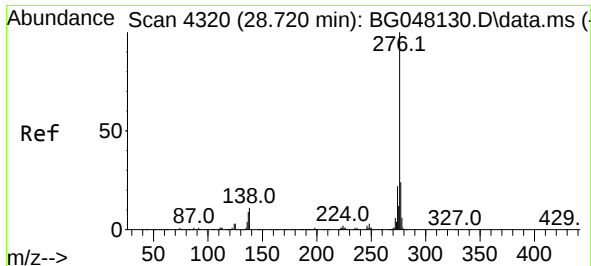


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.985 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48



Tgt Ion:264 Resp: 250308
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 20.0 17.8 26.8





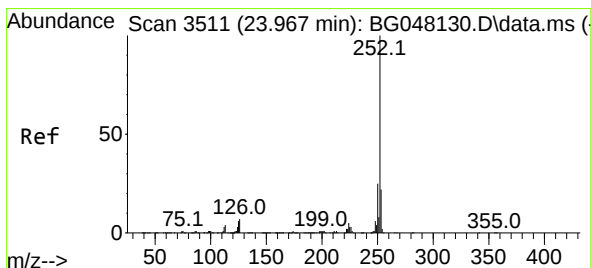
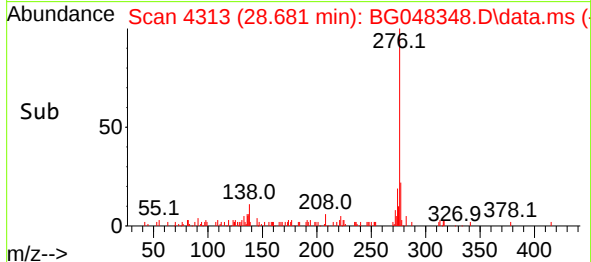
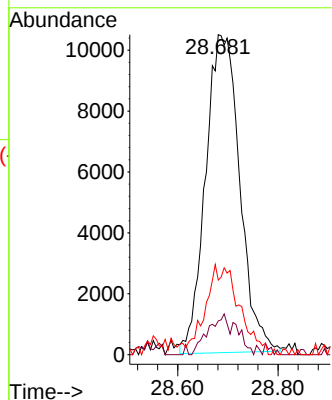
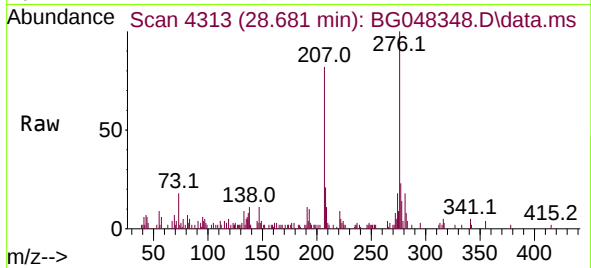
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.61 ng
RT: 28.681 min Scan# 4313
Delta R.T. -0.034 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

Tgt Ion: 276 Resp: 49443
Ion Ratio Lower Upper
276 100
138 7.5 16.2 24.2#
277 9.7 20.3 30.5#

Instrument :
BNA_G
ClientSampleId :
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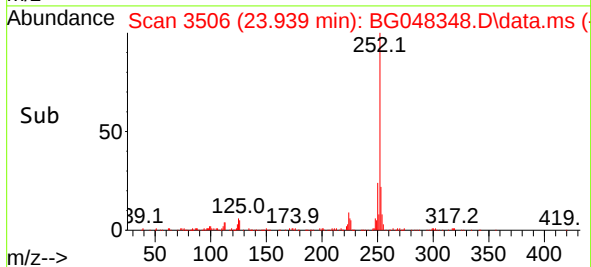
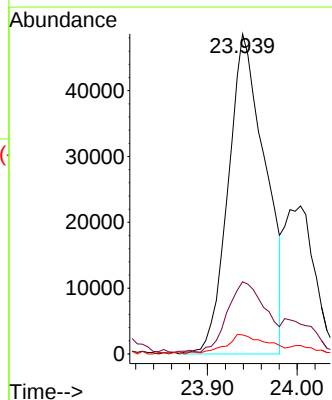
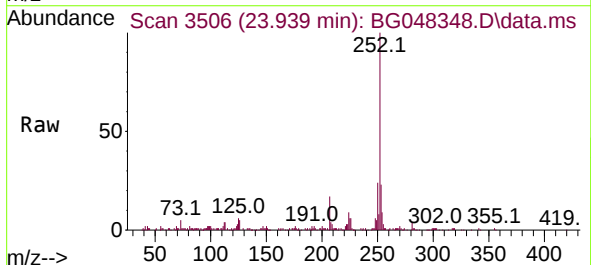
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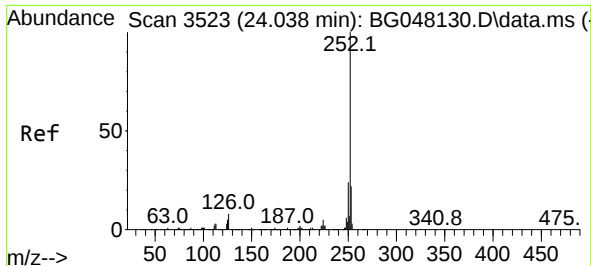
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#88
Benzo(b)fluoranthene
Concen: 8.04 ng m
RT: 23.939 min Scan# 3506
Delta R.T. -0.010 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

Tgt Ion: 252 Resp: 139067
Ion Ratio Lower Upper
252 100
253 22.5 18.7 28.1
125 5.9 6.5 9.7#





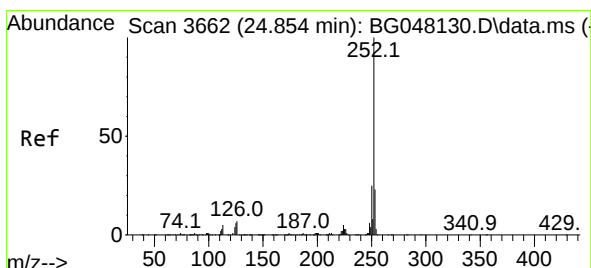
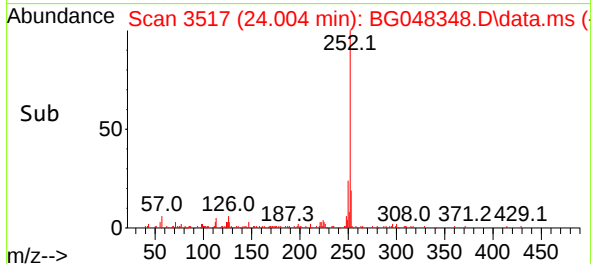
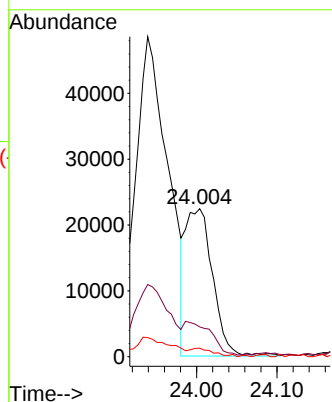
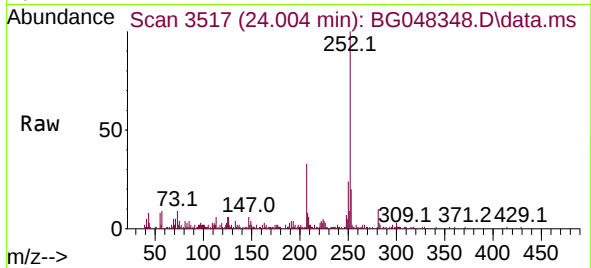
#89
Benzo(k)fluoranthene
Concen: 3.19 ng m
RT: 24.004 min Scan# 3517
Delta R.T. -0.016 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

Instrument :
BNA_G
ClientSampleId :
VEOLIA-72-11977

Tgt Ion:252 Resp: 52619
Ion Ratio Lower Upper
252 100
253 20.1 18.6 27.8
125 5.8 6.8 10.2#

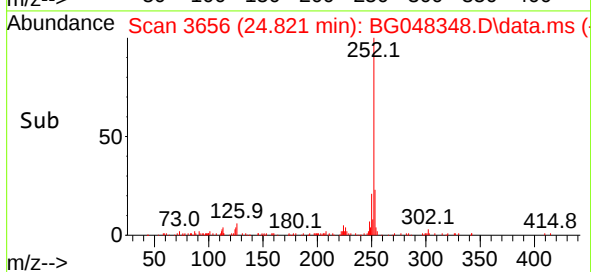
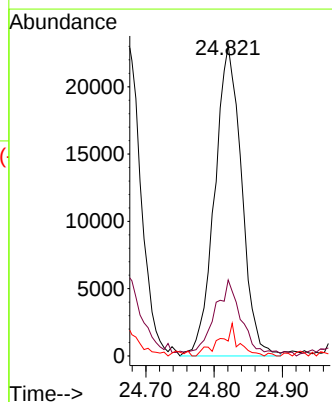
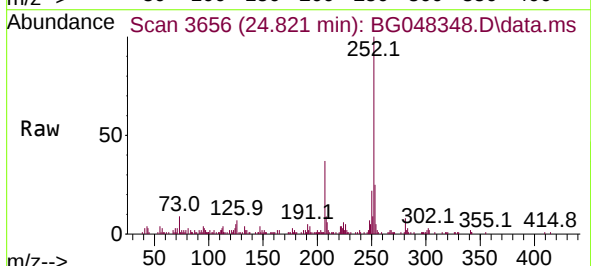
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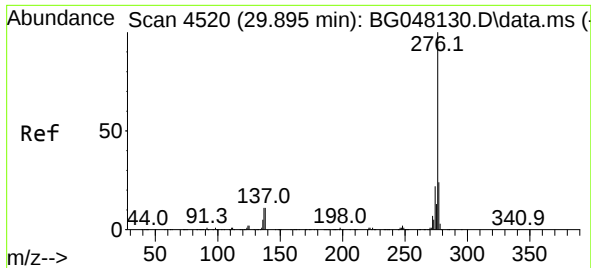
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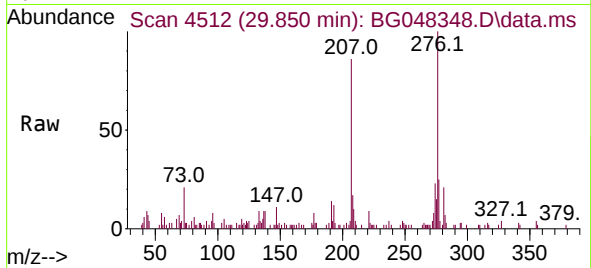
#90
Benzo(a)pyrene
Concen: 3.95 ng m
RT: 24.821 min Scan# 3656
Delta R.T. -0.010 min
Lab File: BG048348.D
Acq: 5 Mar 2021 21:48

Tgt Ion:252 Resp: 63347
Ion Ratio Lower Upper
252 100
253 24.5 17.9 26.9
125 4.8 7.0 10.4#



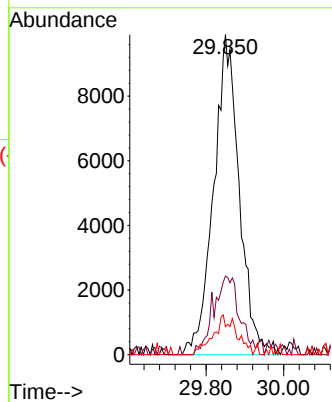
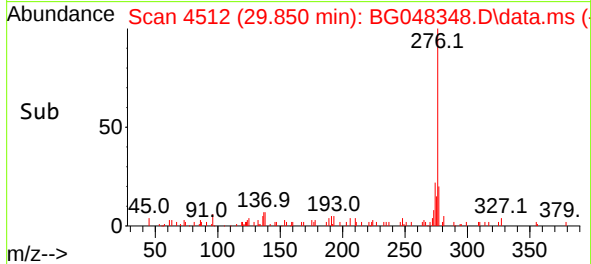


#92
 Benzo(g,h,i)perylene
 Concen: 2.90 ng
 RT: 29.850 min Scan# 4512
 Delta R.T. -0.040 min
 Lab File: BG048348.D
 Acq: 5 Mar 2021 21:48



Tgt Ion: 276 Resp: 45559

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	8.8	13.4	20.2#



Instrument :
 BNA_G
 ClientSampleId :
 VEOLIA-72-11977

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