

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
 Data File : BG048708.D
 Acq On : 15 Apr 2021 14:20
 Operator : CG/JU
 Sample : M2019-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 149TH-ST-E1-101

Manual Integrations
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Quant Time: Apr 15 15:48:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 15 10:59:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	27763	20.00	ng	0.00
21) Naphthalene-d8	10.907	136	118013	20.00	ng	0.00
39) Acenaphthene-d10	14.738	164	71931	20.00	ng	0.00
64) Phenanthrene-d10	17.494	188	146619	20.00	ng	# 0.00
76) Chrysene-d12	21.794	240	133298	20.00	ng	0.00
86) Perylene-d12	25.144	264	134690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	182163	109.74	ng	0.00
7) Phenol-d6	7.241	99	233594	99.49	ng	0.00
23) Nitrobenzene-d5	9.256	82	178727	67.80	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	89783	93.09	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	366869	73.65	ng	0.00
79) Terphenyl-d14	20.102	244	473775	61.17	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.180	163	14050	2.60	ng	98
52) Acenaphthene	14.803	154	10204	2.54	ng	# 69
71) Phenanthrene	17.535	178	199690	26.24	ng	98
72) Anthracene	17.623	178	48900	6.49	ng	98
75) Fluoranthene	19.550	202	411385	42.75	ng	99
78) Pyrene	19.914	202	363842	39.45	ng	98
81) Benzo(a)anthracene	21.777	228	211962	23.27	ng	97
83) Chrysene	21.842	228	179926	20.74	ng	98
87) Indeno(1,2,3-cd)pyrene	28.986	276	126068	12.74	ng	97
88) Benzo(b)fluoranthene	24.086	252	253577	27.75	ng	# 93
89) Benzo(k)fluoranthene	24.145	252	84844m	9.87	ng	
90) Benzo(a)pyrene	24.985	252	194472	23.10	ng	97
91) Dibenzo(a,h)anthracene	29.051	278	36519m	4.30	ng	
92) Benzo(g,h,i)perylene	30.191	276	115987	13.85	ng	# 93

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

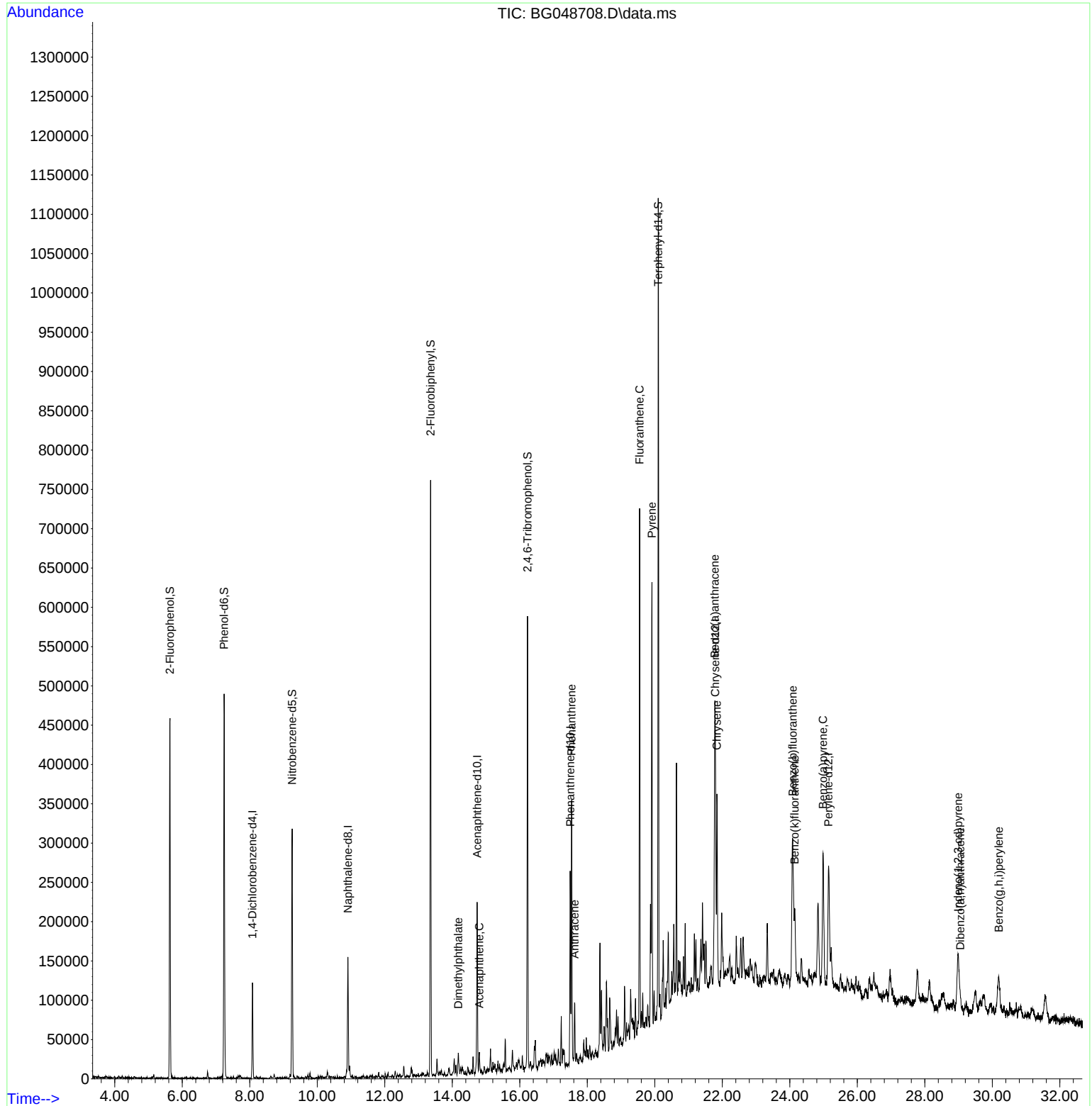
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048708.D
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ALS Vial : 9 Sample Multiplier: 1

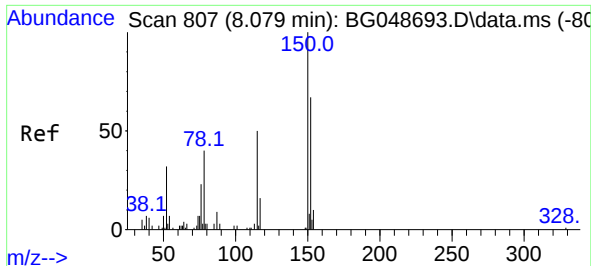
Instrument :
BNA_G
ClientSampled :
149TH-ST-E1-101

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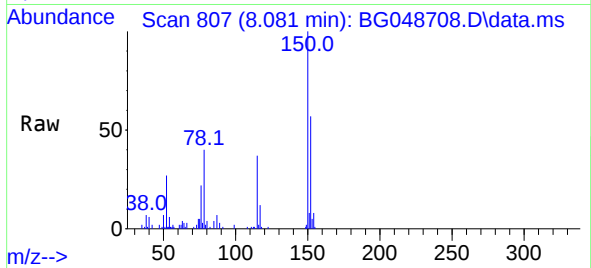
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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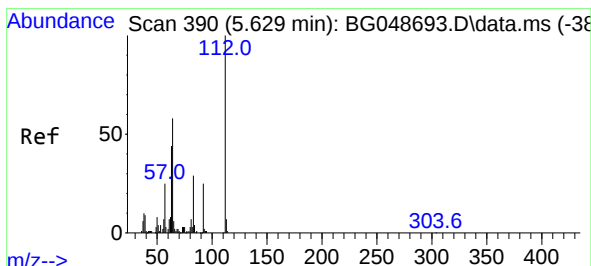
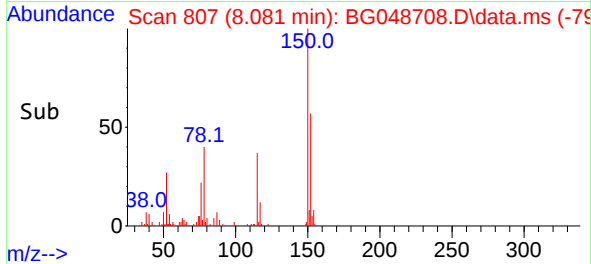
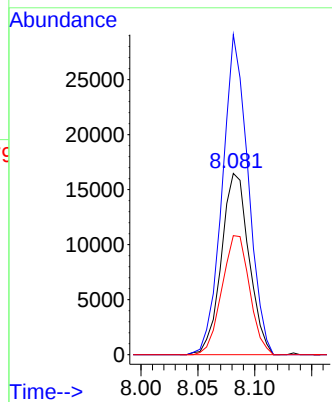




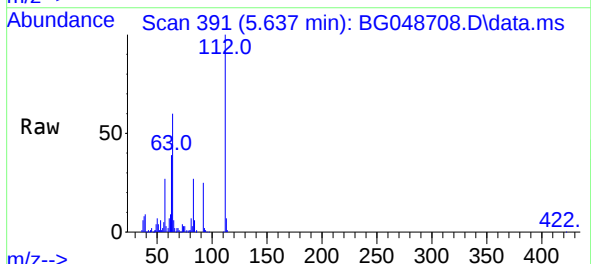
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.081 min Scan# 807
Delta R.T. -0.006 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



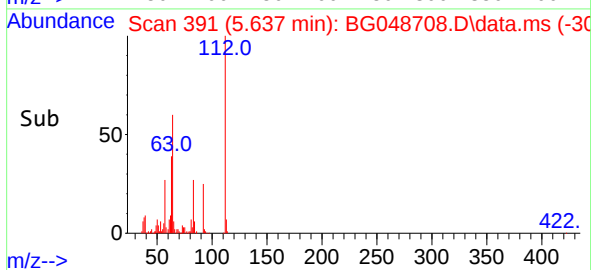
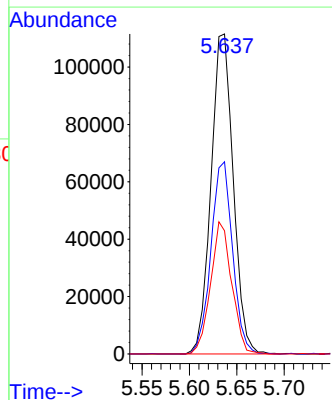
Tgt Ion:	152	Resp:	27763
Ion Ratio	Lower	Upper	
152	100		
150	176.5	119.4	179.0
115	65.6	60.2	90.4



#5
2-Fluorophenol
Concen: 109.74 ng
RT: 5.637 min Scan# 391
Delta R.T. 0.006 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



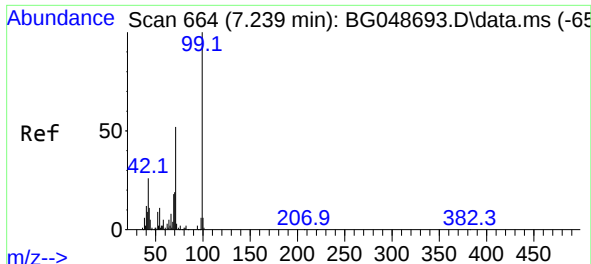
Tgt Ion:	112	Resp:	182163
Ion Ratio	Lower	Upper	
112	100		
64	60.1	46.7	70.1
63	38.5	35.3	52.9



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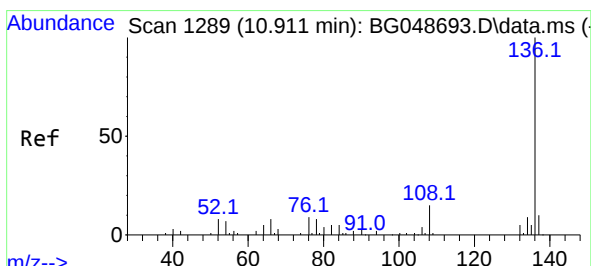
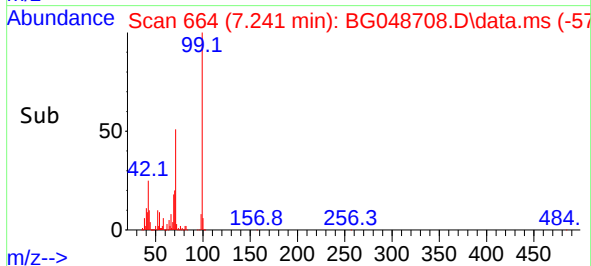
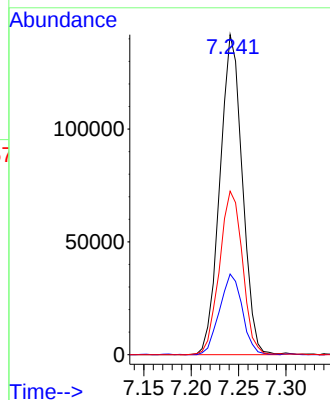
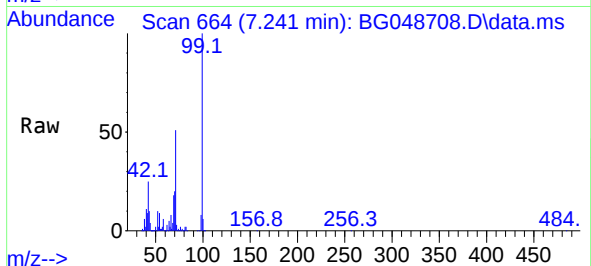
#7
Phenol-d6
Concen: 99.49 ng
RT: 7.241 min Scan# 664
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion: 99 Resp: 233594
Ion Ratio Lower Upper
99 100
42 25.2 20.5 30.7
71 51.1 41.5 62.3

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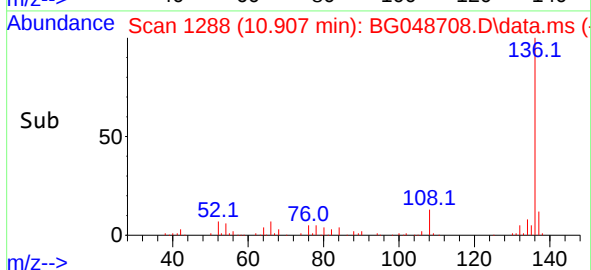
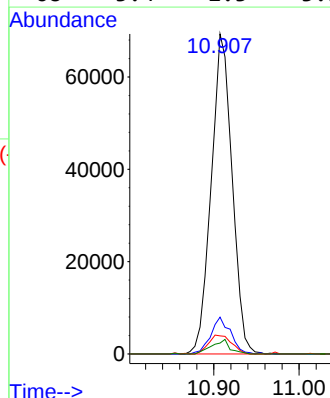
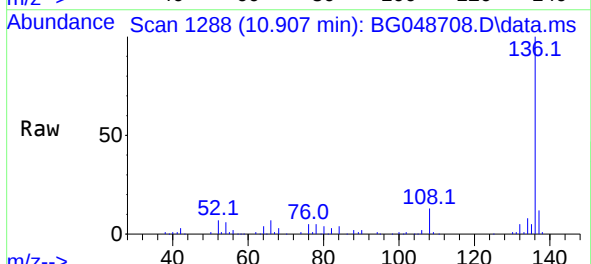
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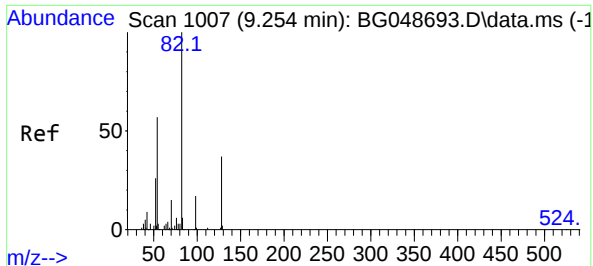
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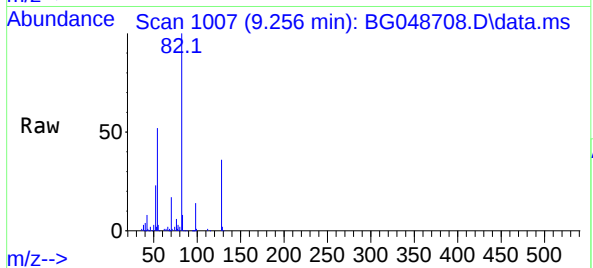
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.907 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion: 136 Resp: 118013
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 5.7 5.5 8.3
68 3.4 2.3 3.5

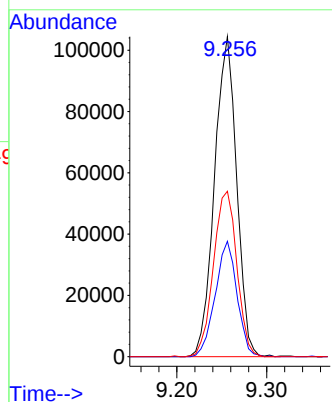




#23
Nitrobenzene-d5
Concen: 67.80 ng
RT: 9.256 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



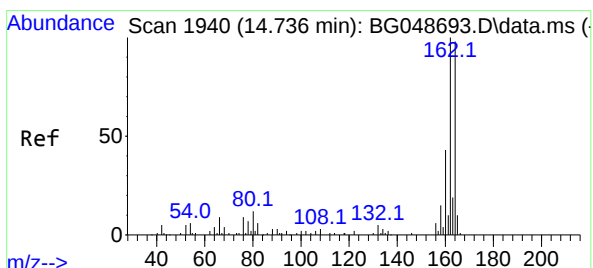
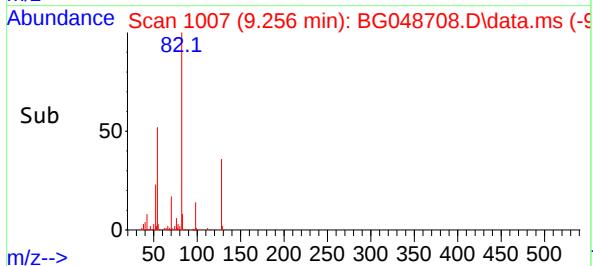
Tgt Ion: 82 Resp: 178727
Ion Ratio Lower Upper
82 100
128 36.1 29.8 44.6
54 51.7 45.8 68.8



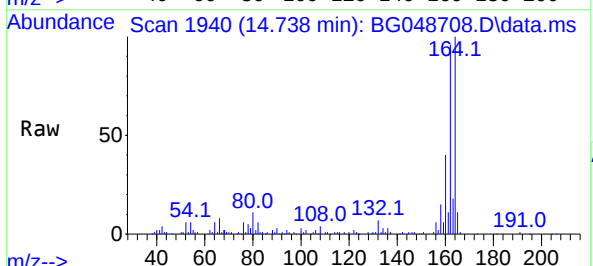
Instrument :
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ClientSampleId :
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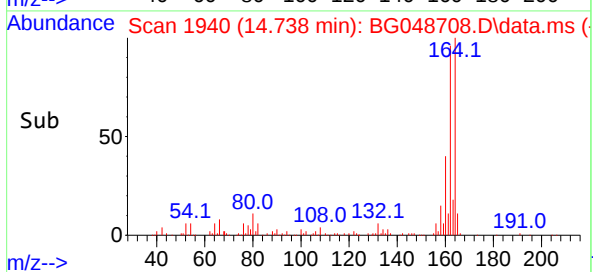
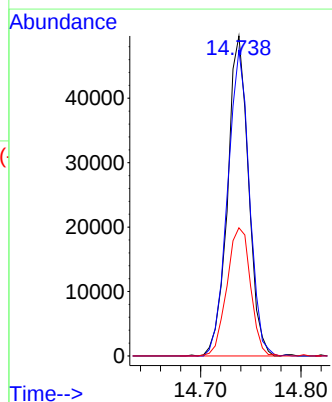
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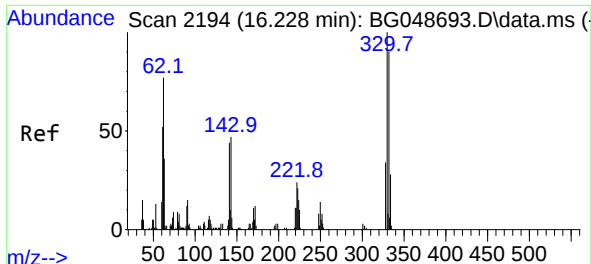


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.738 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

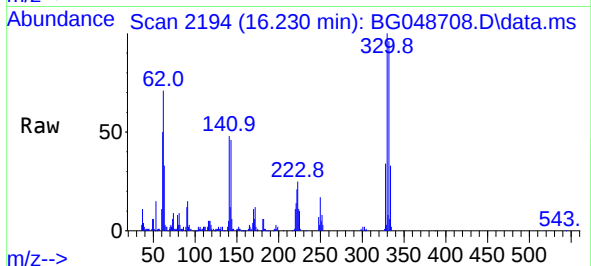


Tgt Ion: 164 Resp: 71931
Ion Ratio Lower Upper
164 100
162 95.6 81.4 122.0
160 40.1 34.9 52.3

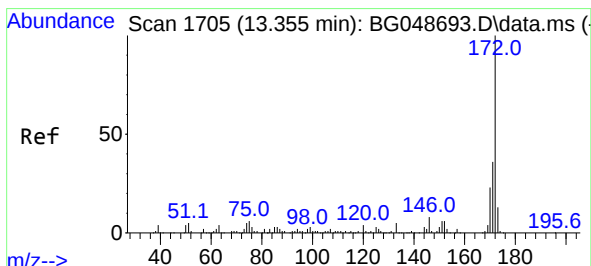
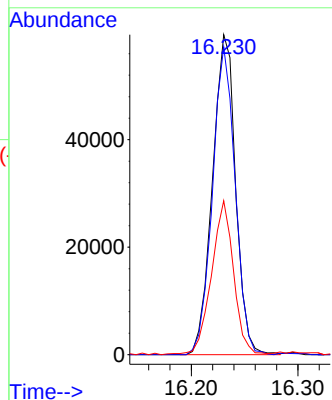
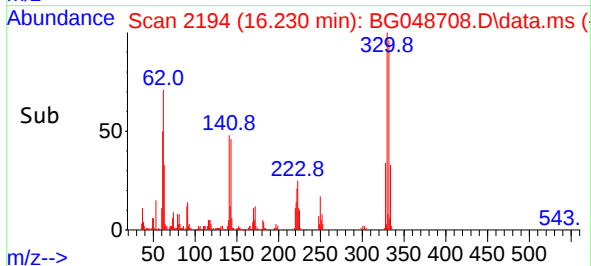




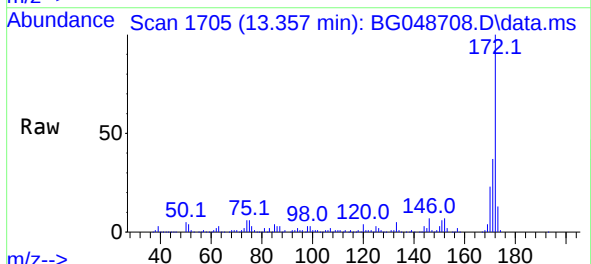
#42
2,4,6-Tribromophenol
Concen: 93.09 ng
RT: 16.230 min Scan# 2194
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



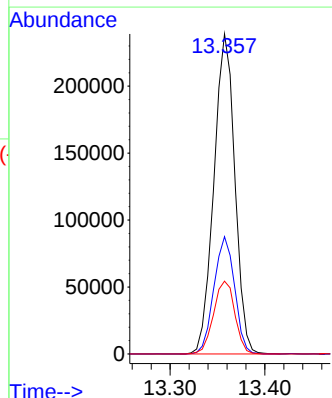
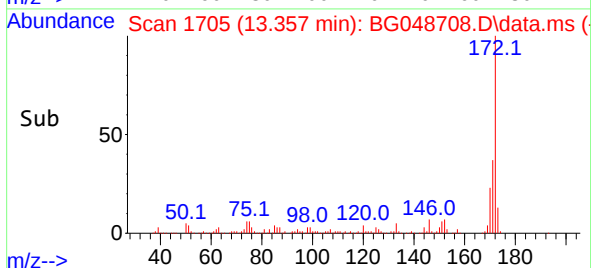
Tgt Ion:330 Resp: 89783
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 46.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 73.65 ng
RT: 13.357 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



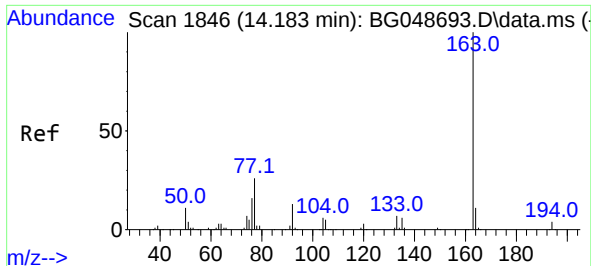
Tgt Ion:172 Resp: 366869
Ion Ratio Lower Upper
172 100
171 36.6 28.6 43.0
170 22.8 18.6 27.8



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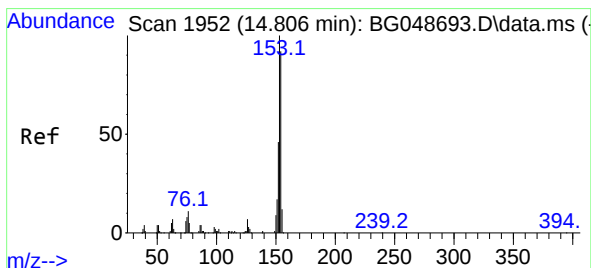
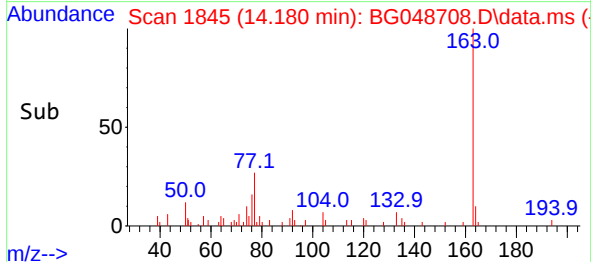
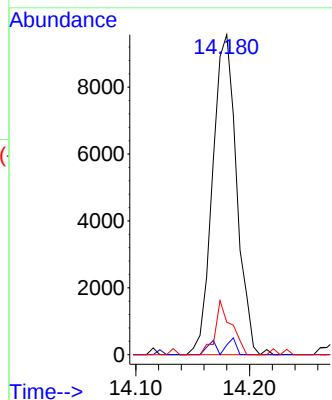
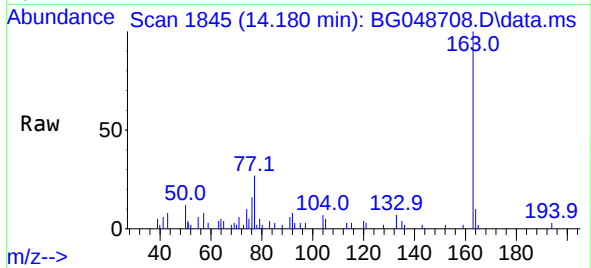
#50
Dimethylphthalate
Concen: 2.60 ng
RT: 14.180 min Scan# 1845
Delta R.T. -0.006 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion:	163	Resp:	14050
Ion Ratio	Lower	Upper	
163	100		
194	3.1	3.0	4.6
164	10.1	8.6	12.8

Instrument :
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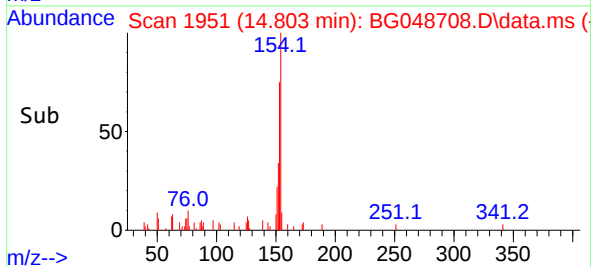
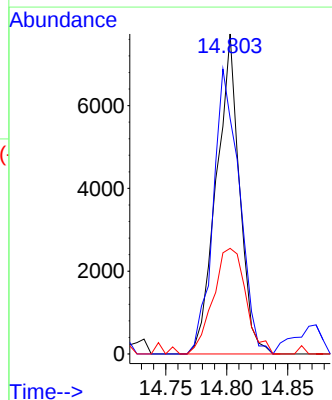
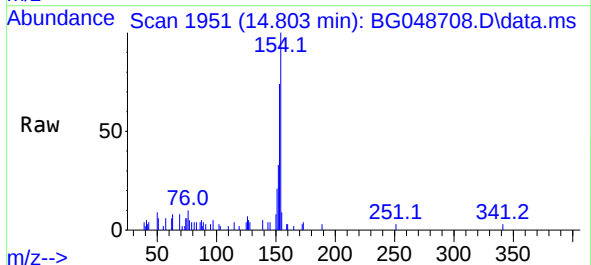
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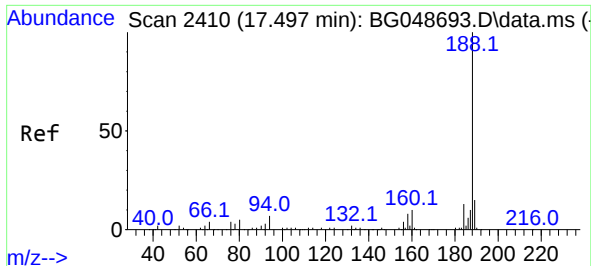
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#52
Acenaphthene
Concen: 2.54 ng
RT: 14.803 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

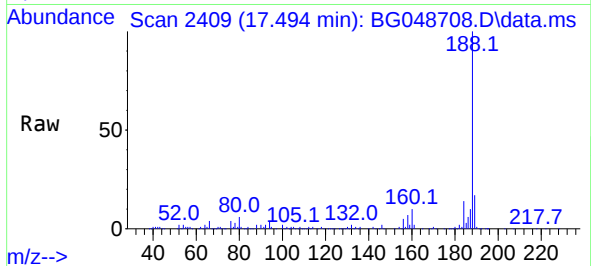
Tgt Ion:	154	Resp:	10204
Ion Ratio	Lower	Upper	
154	100		
153	73.6	87.0	130.4#
152	33.0	40.1	60.1#





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.494 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

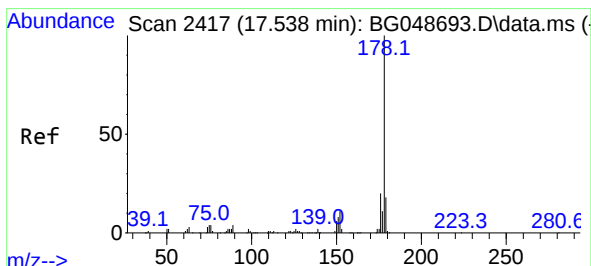
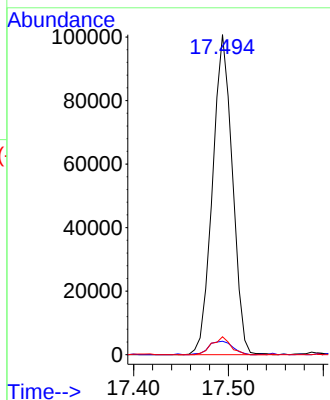
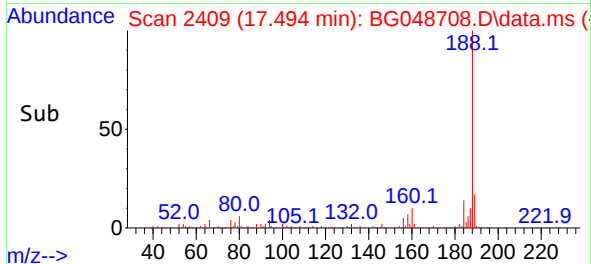
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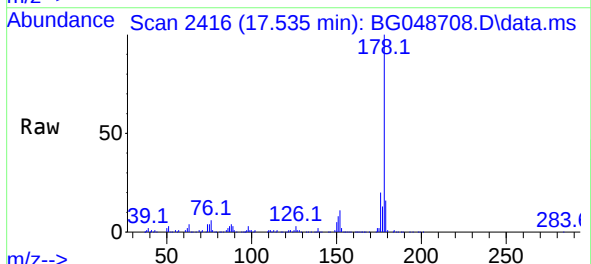
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Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 5.6 3.7 5.5#

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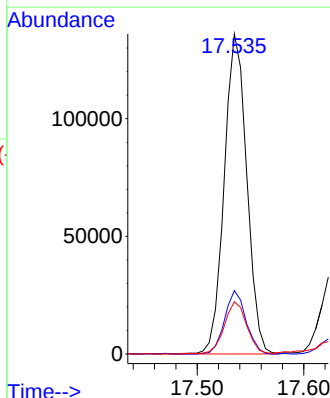
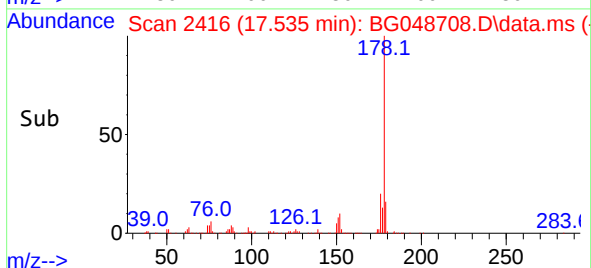
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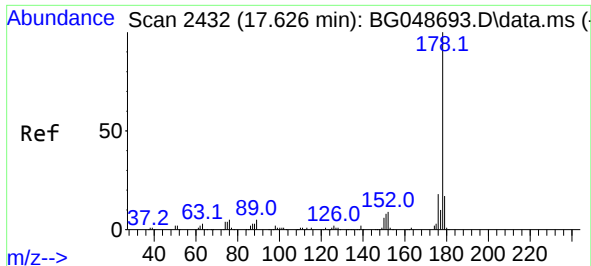


#71
Phenanthrene
Concen: 26.24 ng
RT: 17.535 min Scan# 2416
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

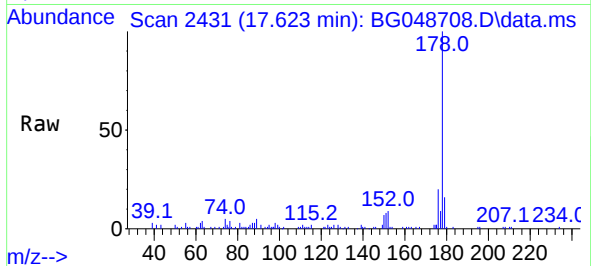


Tgt Ion:178 Resp: 199690
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.3 14.2 21.4

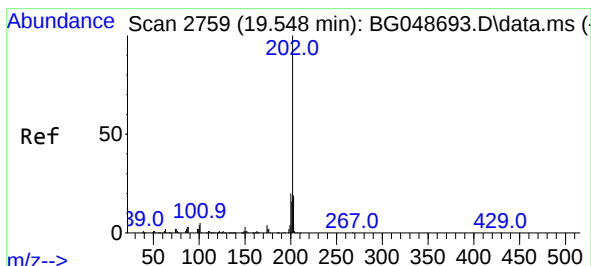
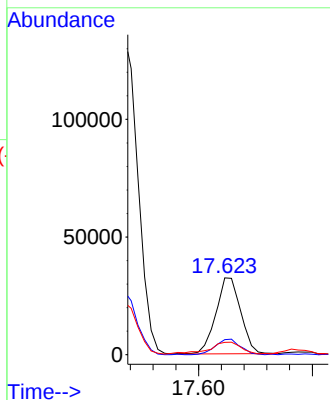
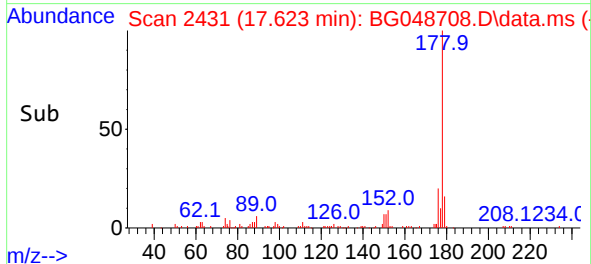




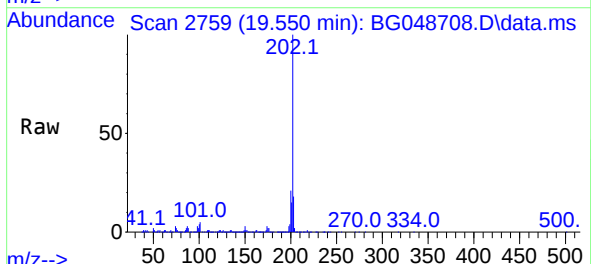
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 Anthracene
 Concen: 6.49 ng
 RT: 17.623 min Scan# 2431
 Delta R.T. -0.006 min
 Lab File: BG048708.D
 Acq: 15 Apr 2021 14:20



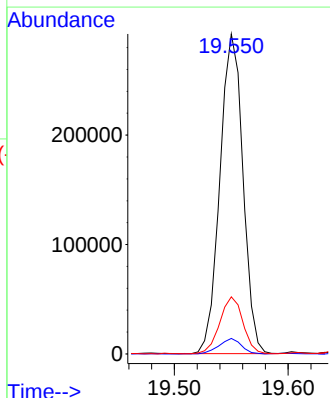
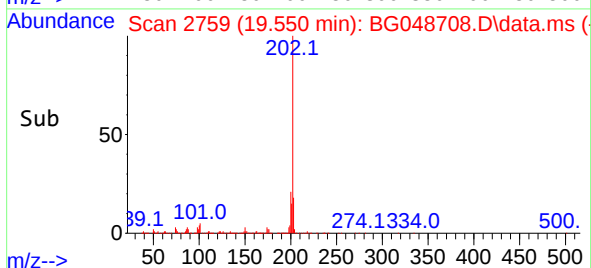
Tgt Ion:178 Resp: 48900
 Ion Ratio Lower Upper
 178 100
 176 19.7 14.6 21.8
 179 16.1 13.4 20.0



#75
 Fluoranthene
 Concen: 42.75 ng
 RT: 19.550 min Scan# 2759
 Delta R.T. -0.000 min
 Lab File: BG048708.D
 Acq: 15 Apr 2021 14:20



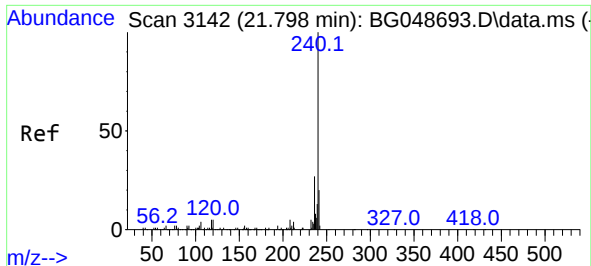
Tgt Ion:202 Resp: 411385
 Ion Ratio Lower Upper
 202 100
 101 4.9 0.0 24.7
 203 17.8 0.0 38.5



Instrument :
 BNA_G
 ClientSampleId :
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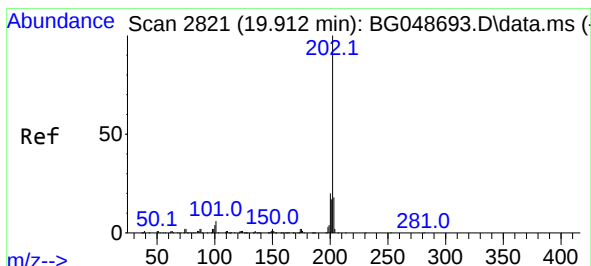
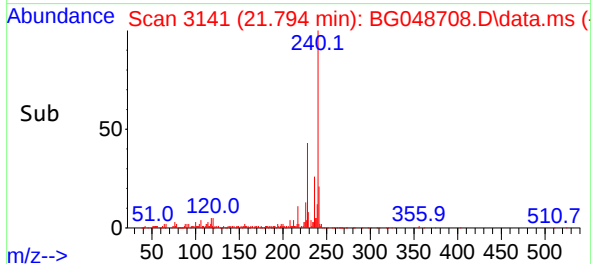
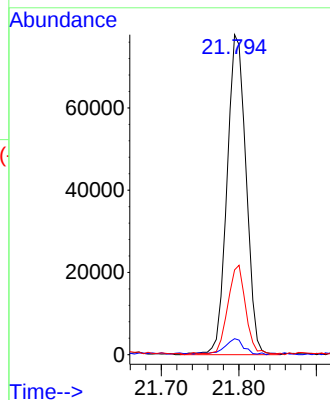
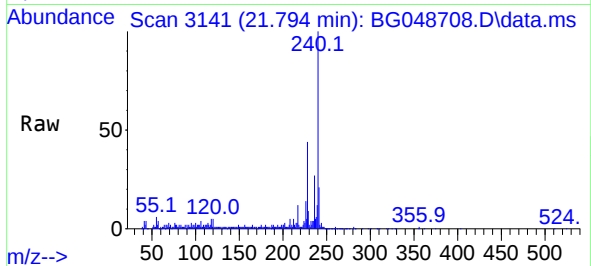
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.794 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BG048708.D
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Tgt Ion:240 Resp: 133298
Ion Ratio Lower Upper
240 100
120 5.0 4.2 6.2
236 26.5 21.8 32.6

Instrument :
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ClientSampleId :
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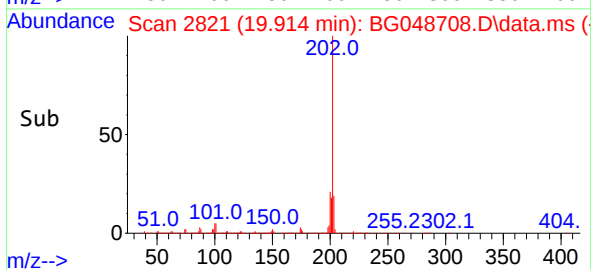
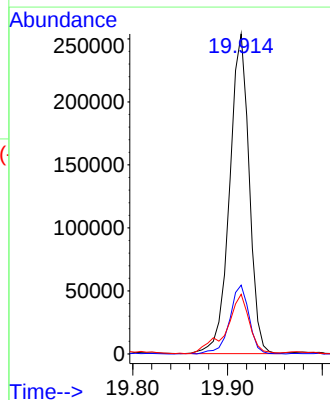
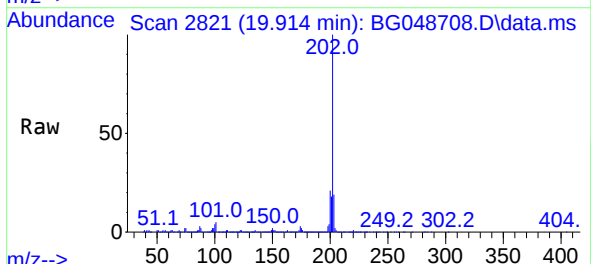
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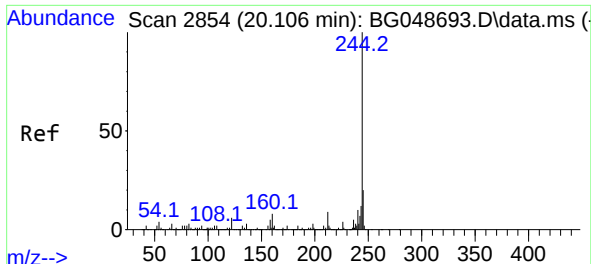
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#78
Pyrene
Concen: 39.45 ng
RT: 19.914 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion:202 Resp: 363842
Ion Ratio Lower Upper
202 100
200 21.5 15.8 23.8
203 18.7 14.6 21.8





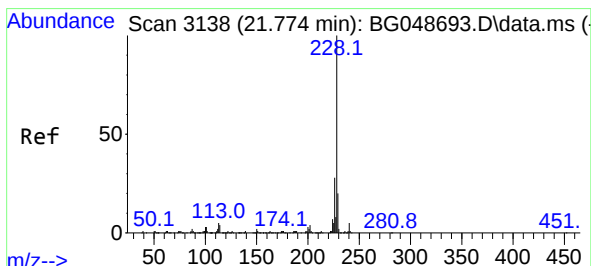
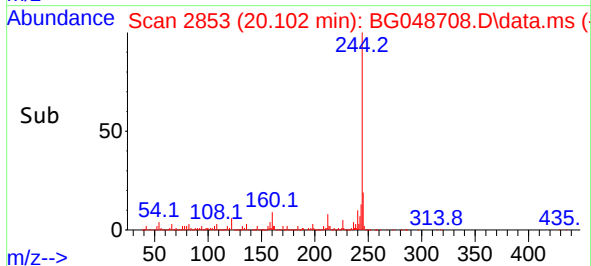
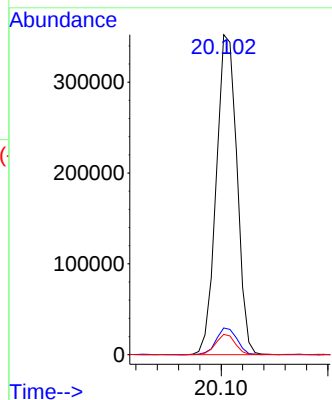
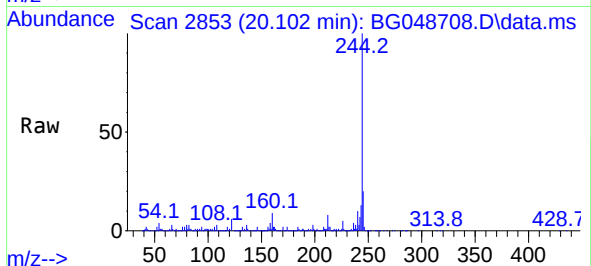
#79
Terphenyl-d14
Concen: 61.17 ng
RT: 20.102 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion:	244	Resp:	473775
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.9	10.3
122	6.3	5.0	7.6

Instrument :
BNA_G
ClientSampleId :
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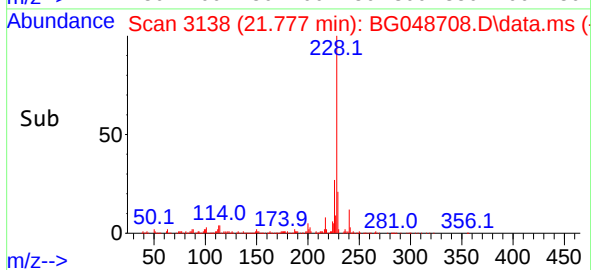
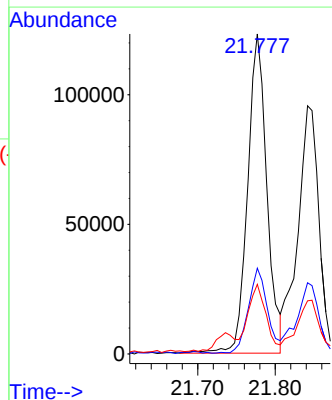
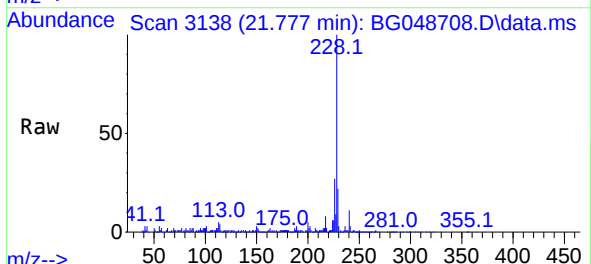
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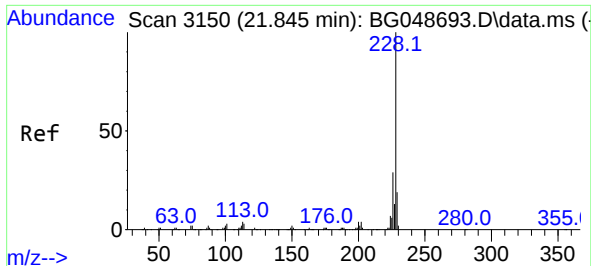
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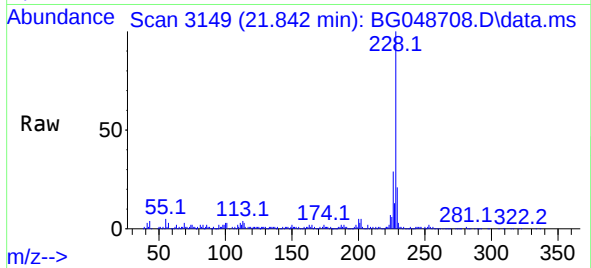
#81
Benzo(a)anthracene
Concen: 23.27 ng
RT: 21.777 min Scan# 3138
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion:	228	Resp:	211962
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.7	34.1
229	21.8	16.0	24.0

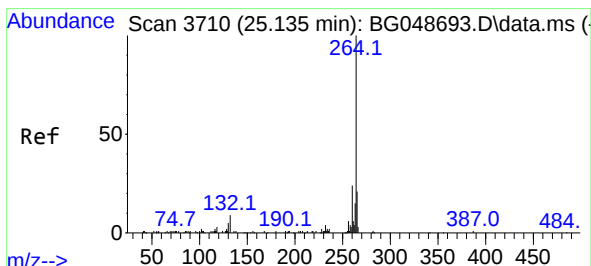
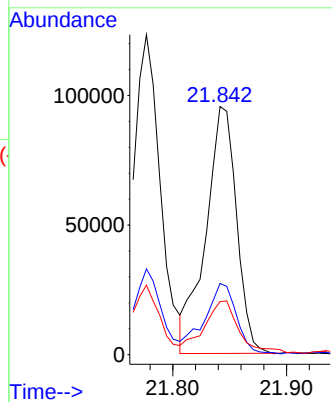
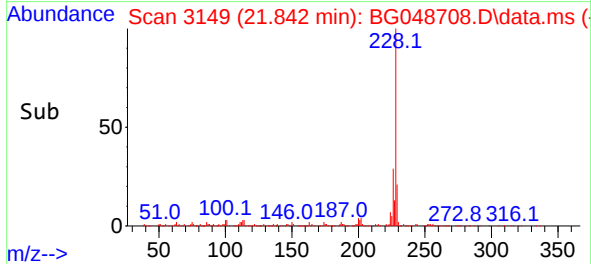




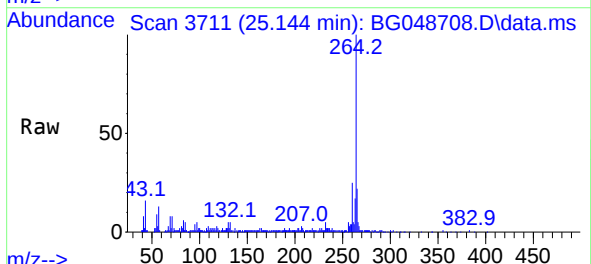
#83
Chrysene
Concen: 20.74 ng
RT: 21.842 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



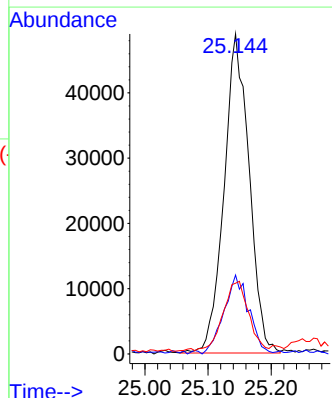
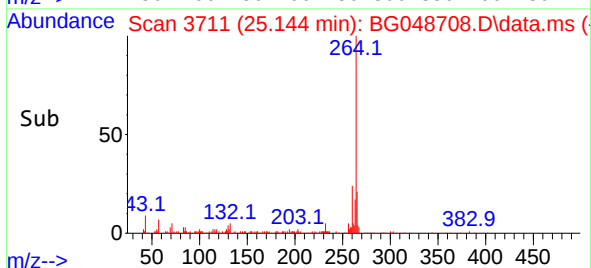
Tgt Ion:228 Resp: 179926
Ion Ratio Lower Upper
228 100
226 28.7 23.1 34.7
229 21.4 15.3 22.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.144 min Scan# 3711
Delta R.T. 0.006 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



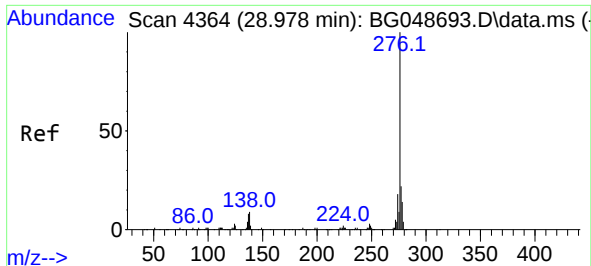
Tgt Ion:264 Resp: 134690
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 22.1 16.9 25.3



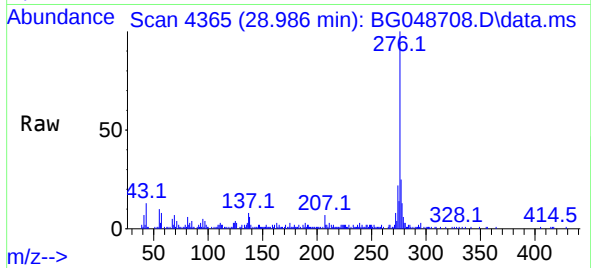
Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

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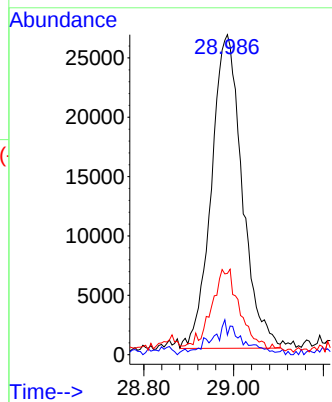
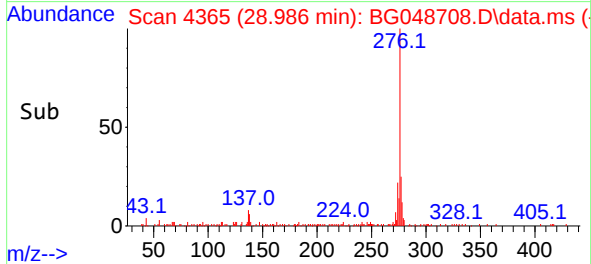
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#87
Indeno(1,2,3-cd)pyrene
Concen: 12.74 ng
RT: 28.986 min Scan# 4365
Delta R.T. 0.017 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



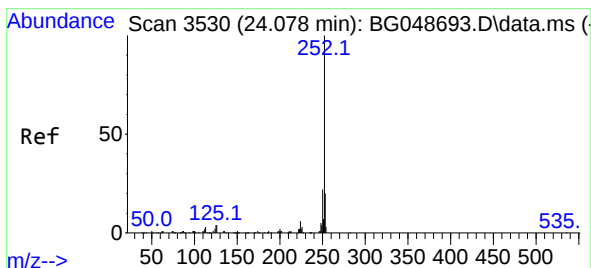
Tgt Ion: 276 Resp: 126068
Ion Ratio Lower Upper
276 100
138 7.0 5.1 7.7
277 23.3 19.8 29.6



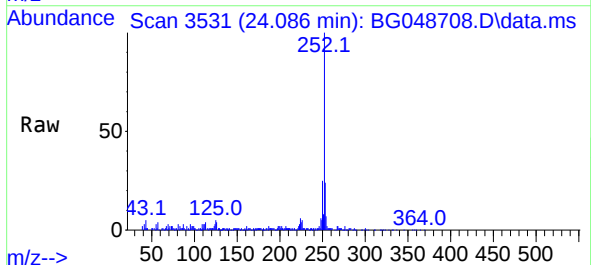
Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101

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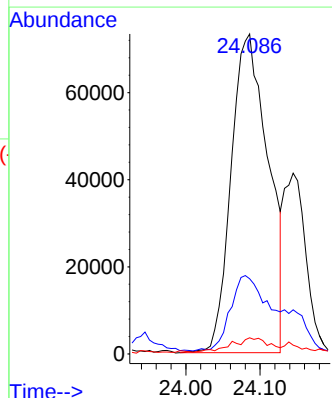
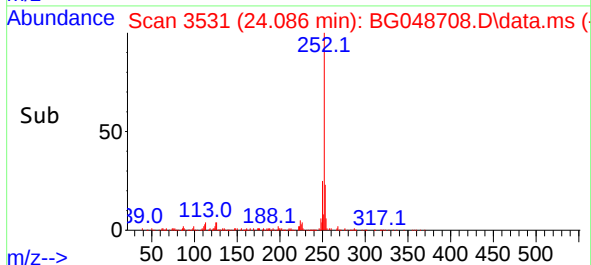
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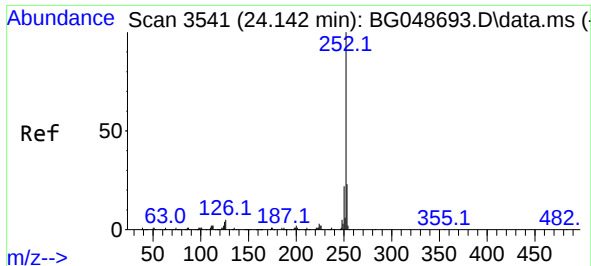


#88
Benzo(b)fluoranthene
Concen: 27.75 ng
RT: 24.086 min Scan# 3531
Delta R.T. 0.011 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



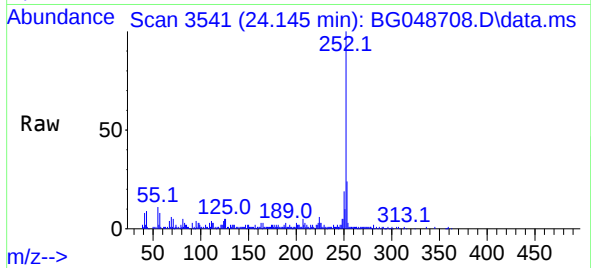
Tgt Ion: 252 Resp: 253577
Ion Ratio Lower Upper
252 100
253 23.5 16.2 24.4
125 5.1 3.0 4.4#





#89
Benzo(k)fluoranthene
Concen: 9.87 ng m
RT: 24.145 min Scan# 3541
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

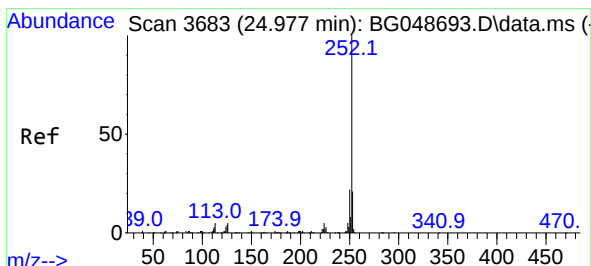
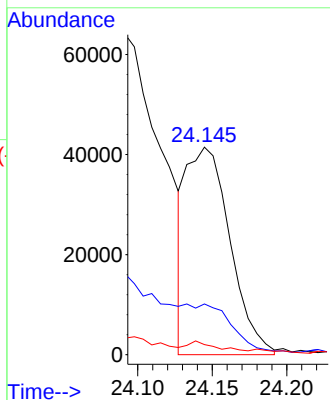
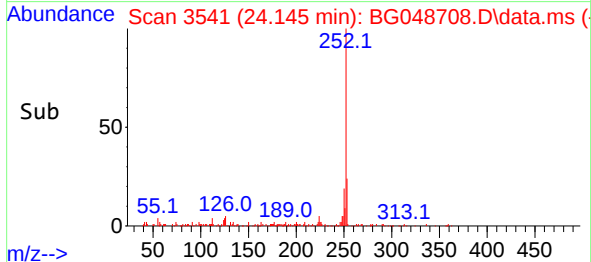
Instrument :
BNA_G
ClientSampleId :
149TH-ST-E1-101



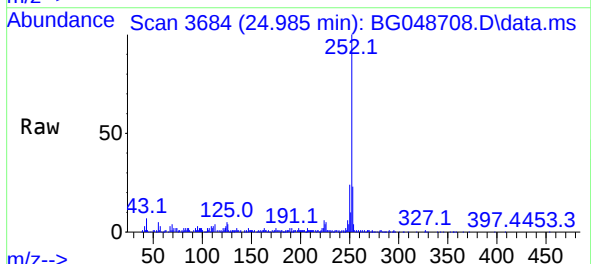
Tgt Ion:252 Resp: 84844
Ion Ratio Lower Upper
252 100
253 24.5 18.0 27.0
125 4.9 3.1 4.7#

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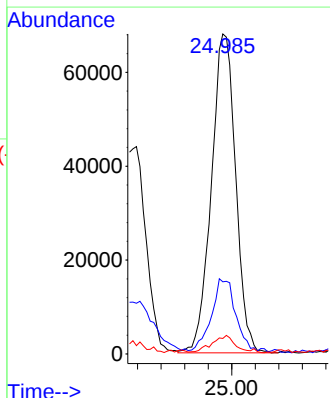
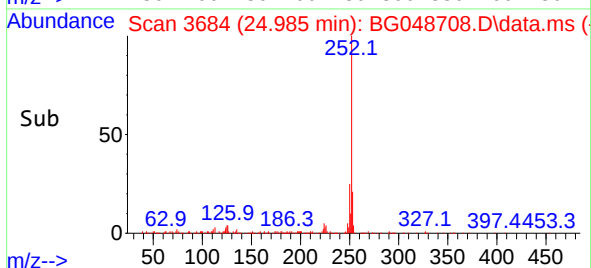
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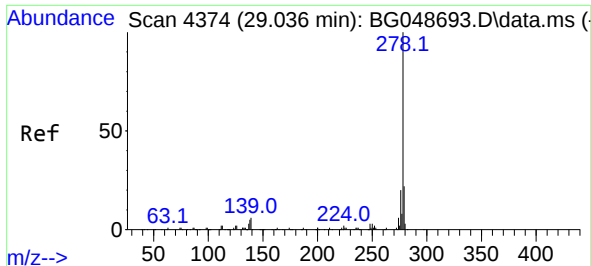


#90
Benzo(a)pyrene
Concen: 23.10 ng
RT: 24.985 min Scan# 3684
Delta R.T. 0.006 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20



Tgt Ion:252 Resp: 194472
Ion Ratio Lower Upper
252 100
253 22.6 16.6 25.0
125 4.9 3.5 5.3





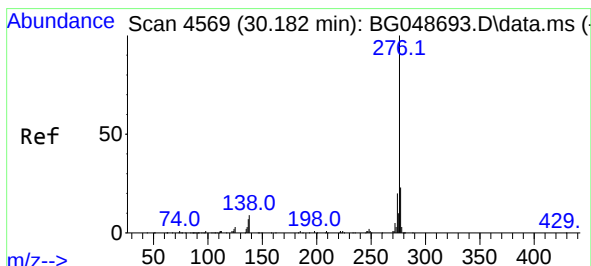
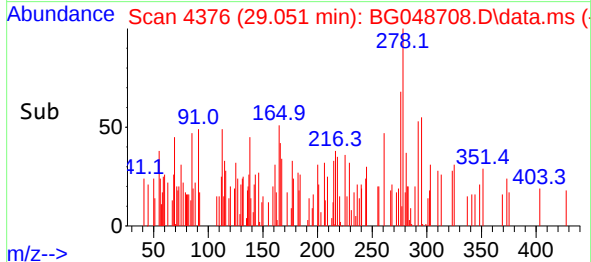
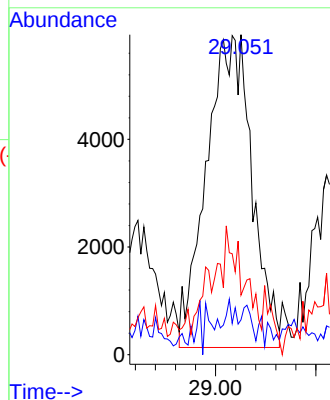
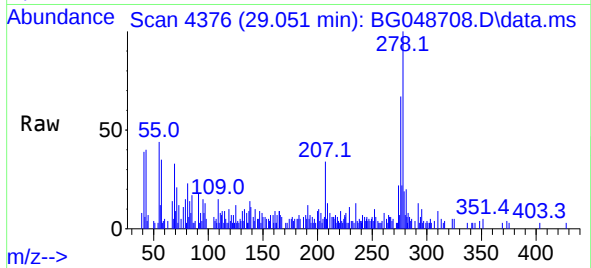
#91
Dibenzo(a,h)anthracene
Concen: 4.30 ng m
RT: 29.051 min Scan# 4376
Delta R.T. -0.000 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion:278 Resp: 36519
Ion Ratio Lower Upper
278 100
139 10.9 4.6 6.8#
279 18.6 17.9 26.9

Instrument :
BNA_G
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 13.85 ng
RT: 30.191 min Scan# 4570
Delta R.T. 0.011 min
Lab File: BG048708.D
Acq: 15 Apr 2021 14:20

Tgt Ion:276 Resp: 115987
Ion Ratio Lower Upper
276 100
277 26.4 18.4 27.6
138 6.9 7.0 10.6#

