

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
 Data File : BG048717.D
 Acq On : 15 Apr 2021 20:26
 Operator : CG/JU
 Sample : M1998-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4C

Manual Integrations
 APPROVED

mohammad
 4/16/2021 11:28:32 AM

Quant Time: Apr 16 00:35:12 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	8.088	152	26443	20.00	ng	0.00
21) Naphthalene-d8	10.914	136	111725	20.00	ng	0.00
39) Acenaphthene-d10	14.739	164	64990	20.00	ng	0.00
64) Phenanthrene-d10	17.500	188	129813	20.00	ng	# 0.00
76) Chrysene-d12	21.801	240	124484	20.00	ng	0.00
86) Perylene-d12	25.156	264	125518	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	56617	35.81	ng	0.00
7) Phenol-d6	7.248	99	154122	68.92	ng	0.00
23) Nitrobenzene-d5	9.257	82	137497	55.10	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	2283	2.62	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	245628	54.58	ng	0.00
79) Terphenyl-d14	20.109	244	307750	42.55	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.277	94	79416	36.11	ng	96
71) Phenanthrene	17.541	178	21576	3.20	ng	# 91
75) Fluoranthene	19.557	202	38152	4.48	ng	94
78) Pyrene	19.921	202	41126	4.78	ng	96
81) Benzo(a)anthracene	21.783	228	21587m	2.54	ng	
83) Chrysene	21.854	228	21817	2.69	ng	96
84) Bis(2-ethylhexyl)phtha...	21.672	149	44752	9.49	ng	94
88) Benzo(b)fluoranthene	24.092	252	25574	3.00	ng	# 77
90) Benzo(a)pyrene	24.997	252	18183	2.32	ng	# 76

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

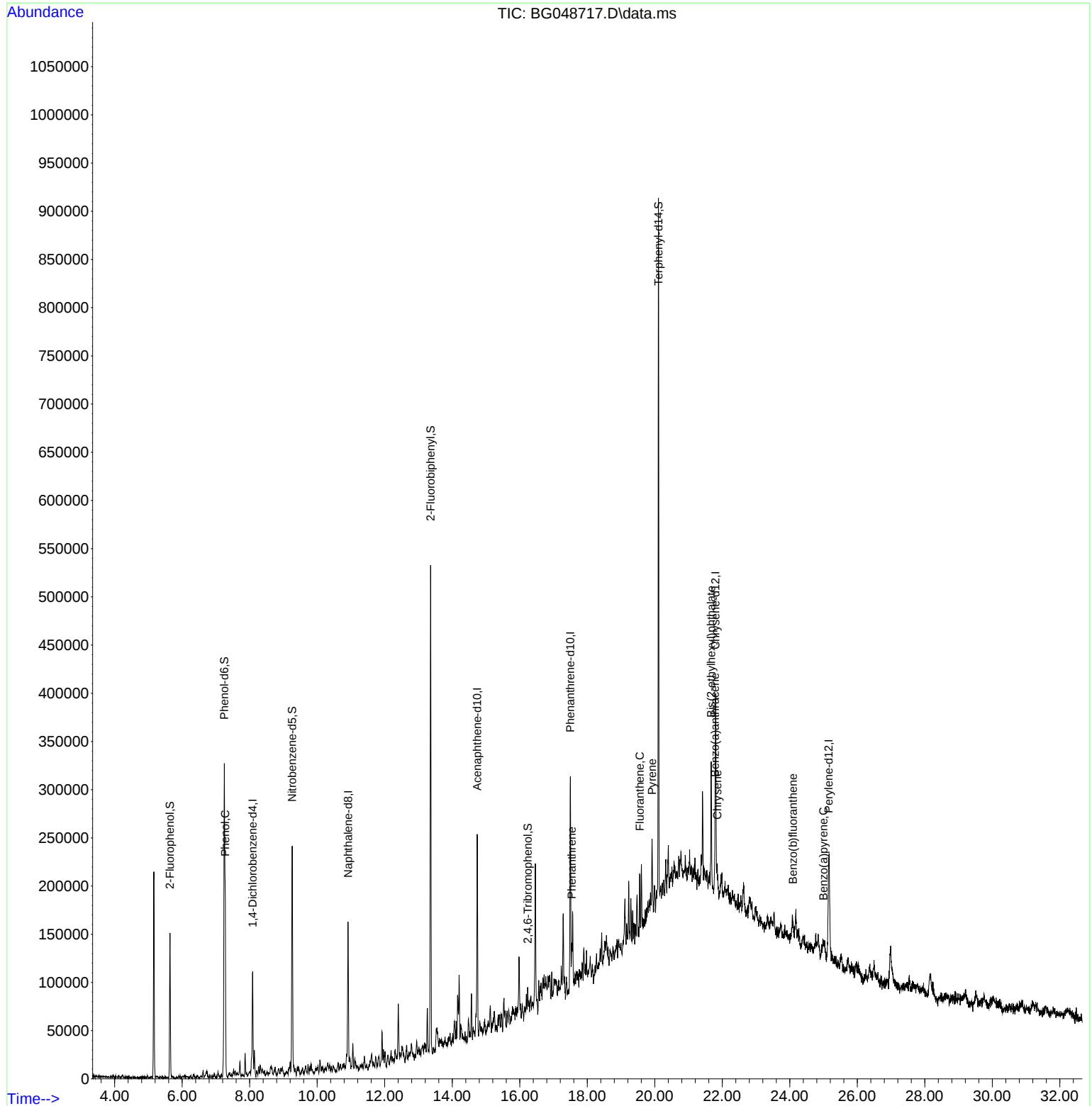
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041521\
Data File : BG048717.D
Acq On : 15 Apr 2021 20:26
Operator : CG/JU
Sample : M1998-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

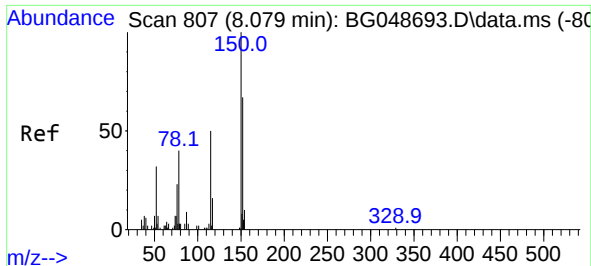
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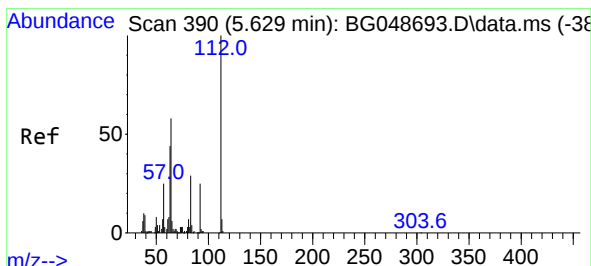
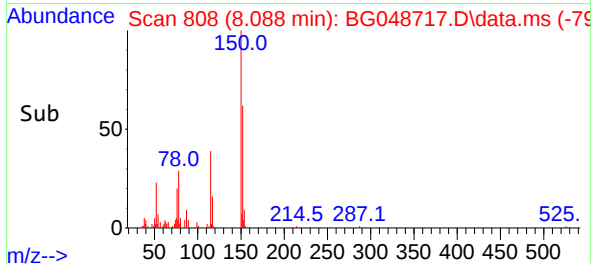
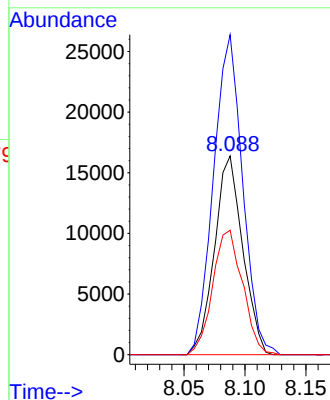
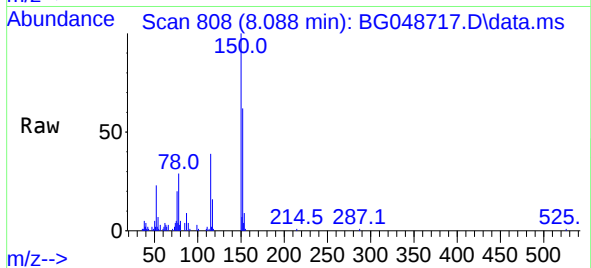
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.088 min Scan# 808
Delta R.T. 0.001 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26

Tgt Ion:	152	Resp:	26443
Ion Ratio	Lower	Upper	
152	100		
150	161.1	119.4	179.0
115	62.6	60.2	90.4

Instrument :
BNA_G
ClientSampleId :
SB-4C

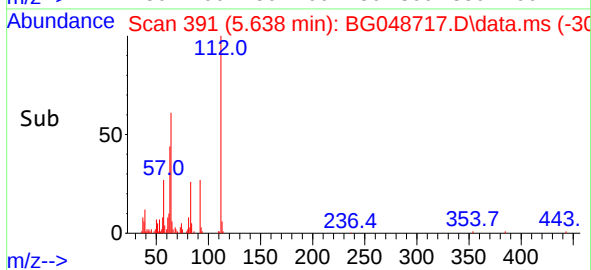
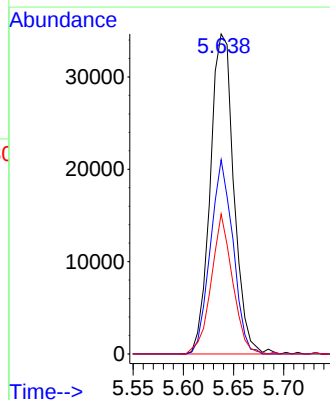
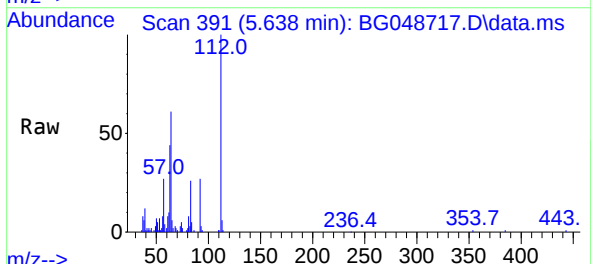
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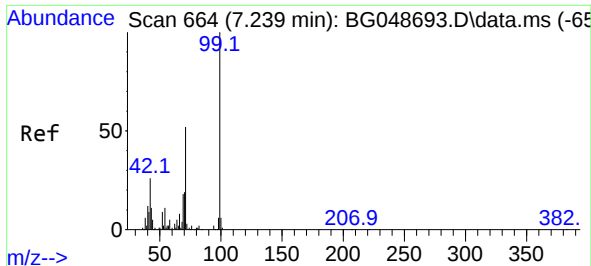
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#5
2-Fluorophenol
Concen: 35.81 ng
RT: 5.638 min Scan# 391
Delta R.T. 0.006 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26

Tgt Ion:	112	Resp:	56617
Ion Ratio	Lower	Upper	
112	100		
64	60.7	46.7	70.1
63	43.7	35.3	52.9





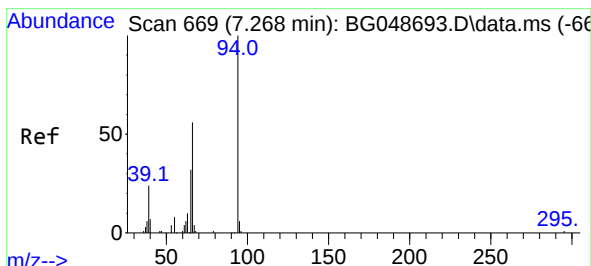
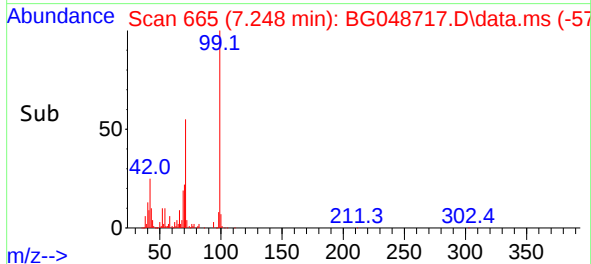
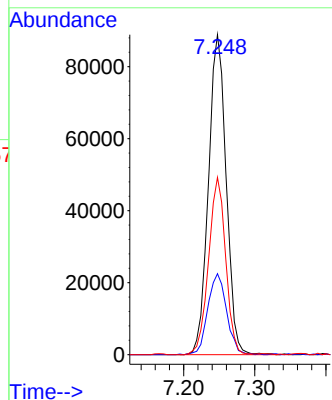
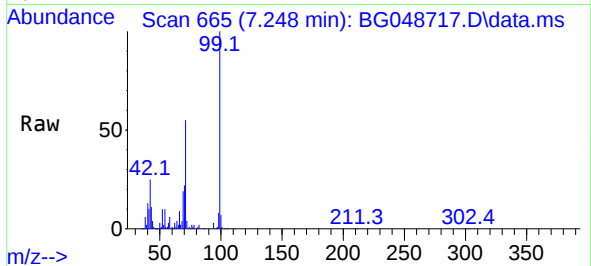
#7
Phenol-d6
Concen: 68.92 ng
RT: 7.248 min Scan# 665
Delta R.T. 0.006 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26

Tgt Ion: 99 Resp: 154122
Ion Ratio Lower Upper
99 100
42 25.3 20.5 30.7
71 55.4 41.5 62.3

Instrument :
BNA_G
ClientSampleId :
SB-4C

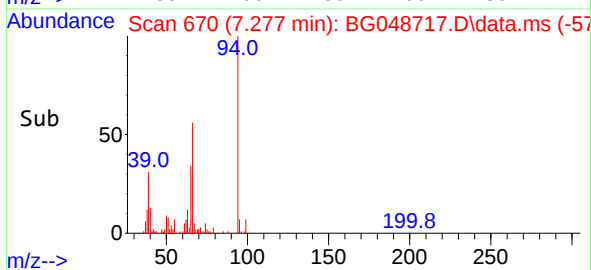
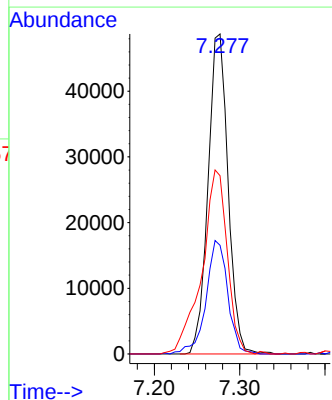
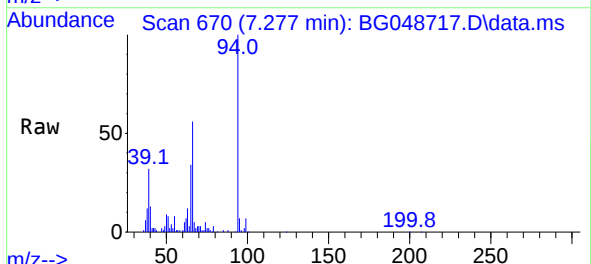
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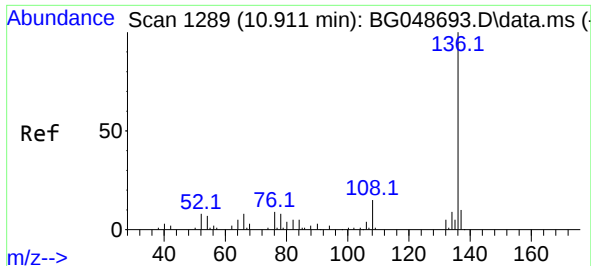
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#10
Phenol
Concen: 36.11 ng
RT: 7.277 min Scan# 670
Delta R.T. 0.012 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26

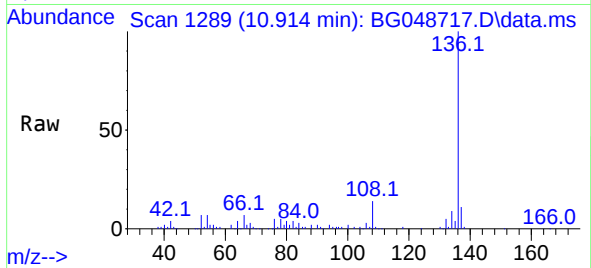
Tgt Ion: 94 Resp: 79416
Ion Ratio Lower Upper
94 100
65 33.9 12.9 52.9
66 55.7 39.4 79.4





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26

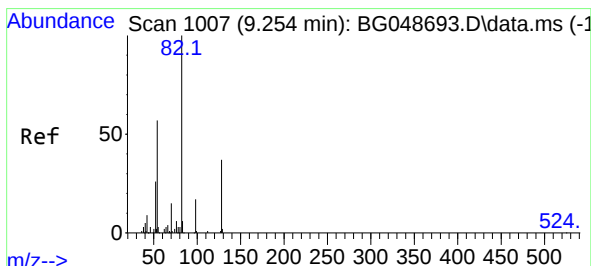
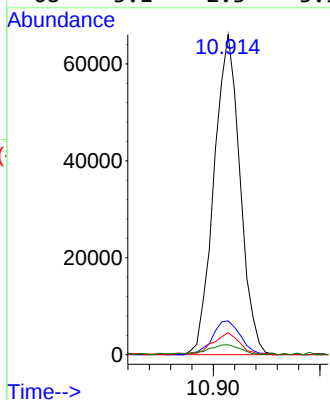
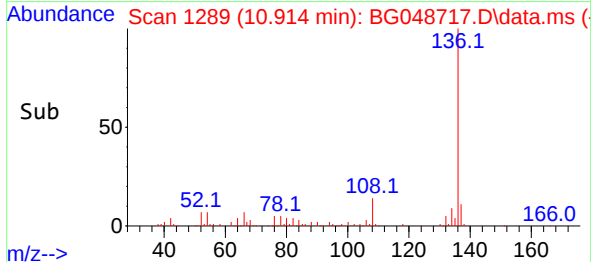
Instrument :
BNA_G
ClientSampled :
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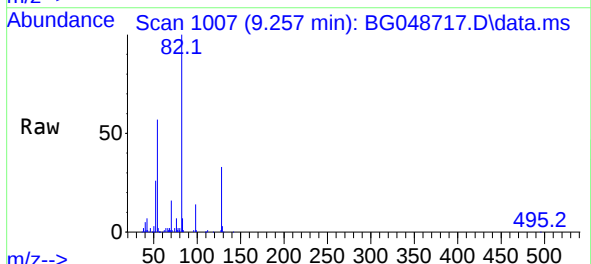
Tgt Ion:	136	Resp:	111725
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.2	12.2
54	6.8	5.5	8.3
68	3.1	2.3	3.5

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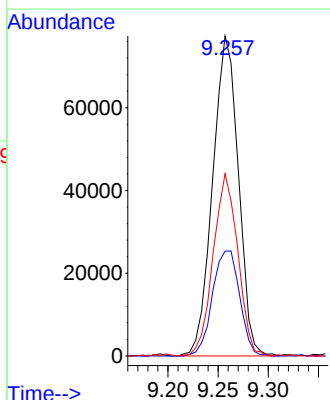
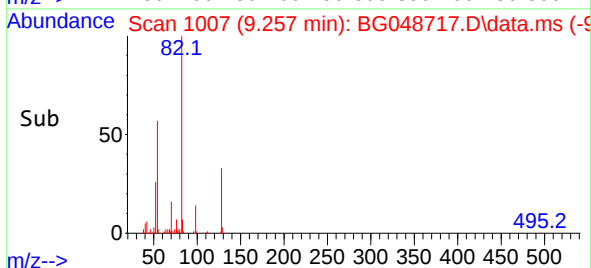
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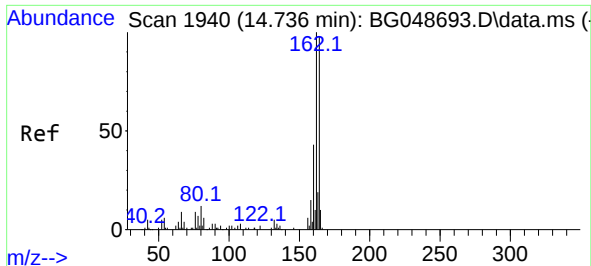


#23
Nitrobenzene-d5
Concen: 55.10 ng
RT: 9.257 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26



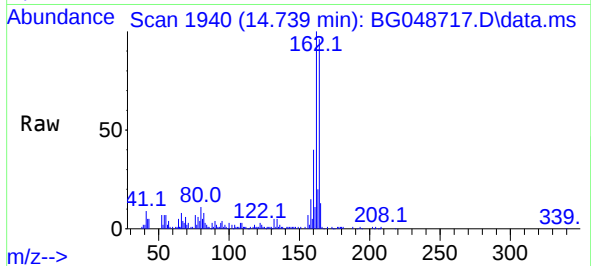
Tgt Ion:	82	Resp:	137497
Ion Ratio	Lower	Upper	
82	100		
128	32.7	29.8	44.6
54	57.0	45.8	68.8





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.739 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26

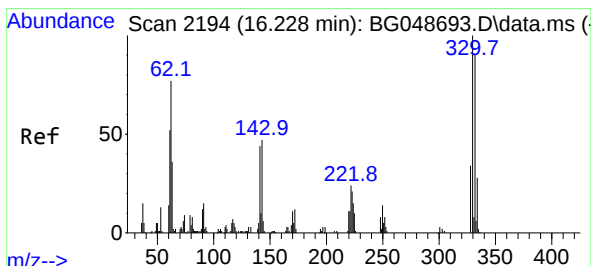
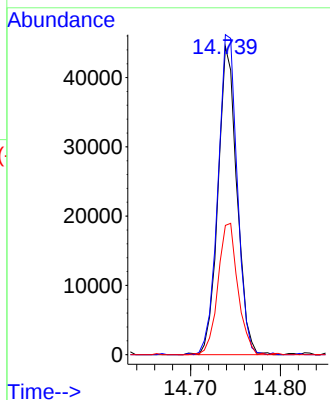
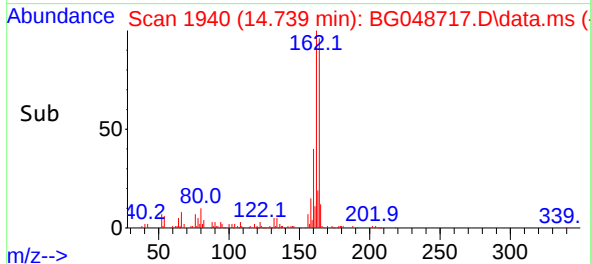
Instrument :
BNA_G
ClientSampleId :
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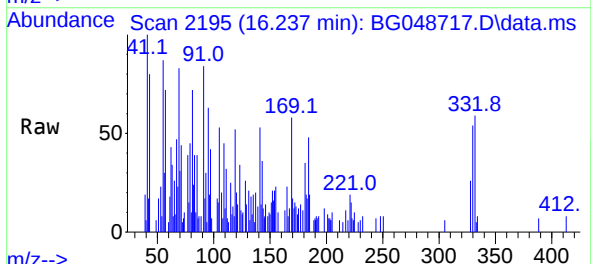
Tgt Ion:164 Resp: 64990
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 42.0 34.9 52.3

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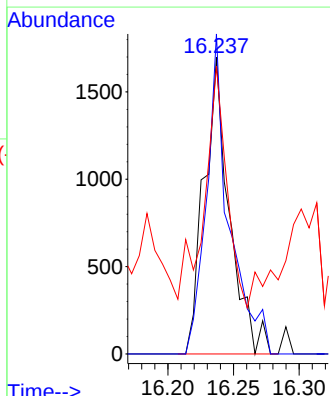
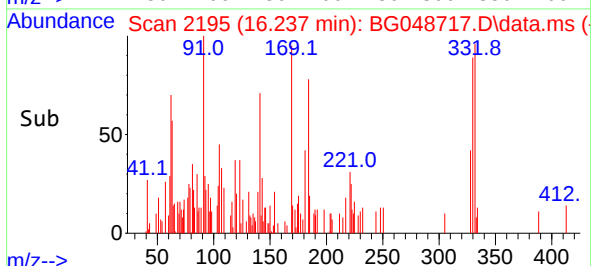
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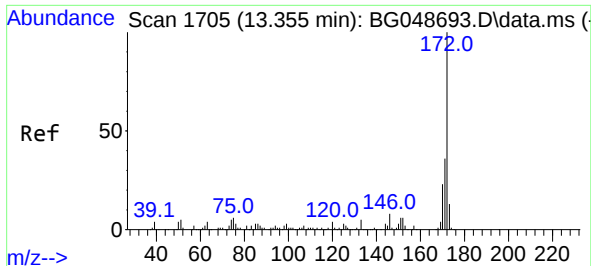


#42
2,4,6-Tribromophenol
Concen: 2.62 ng
RT: 16.237 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26



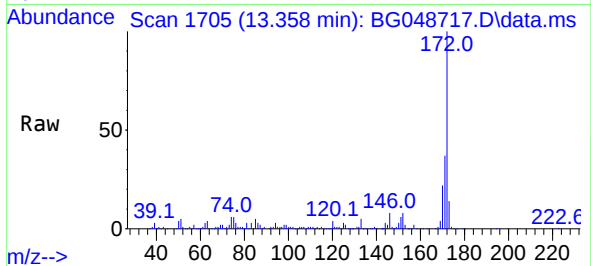
Tgt Ion:330 Resp: 2283
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 71.5 35.6 53.4#





#45
2-Fluorobiphenyl
Concen: 54.58 ng
RT: 13.358 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26

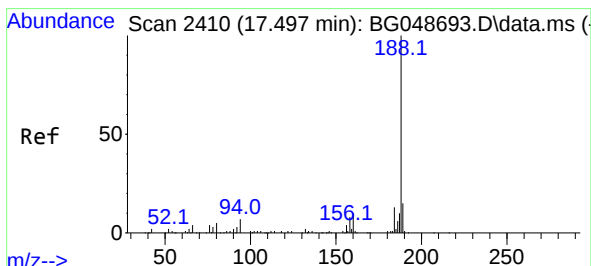
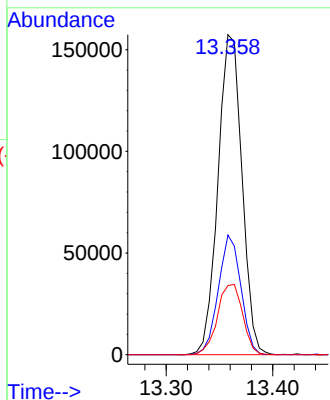
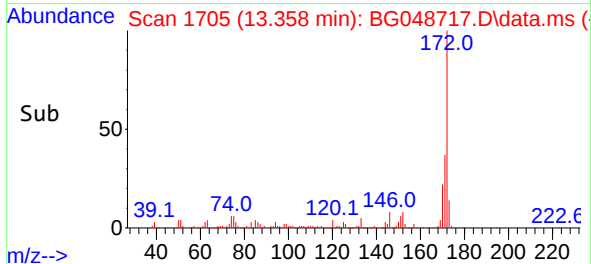
Instrument :
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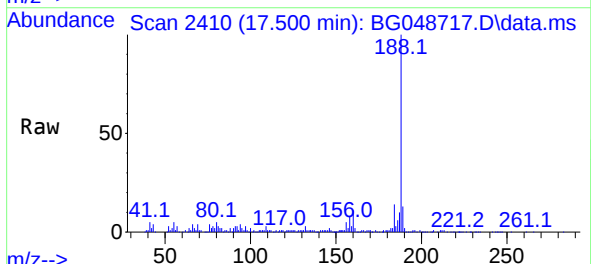
Tgt Ion:172 Resp: 245628
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 21.6 18.6 27.8

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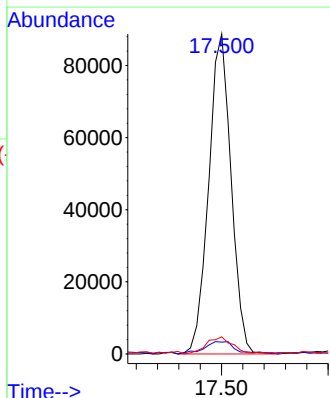
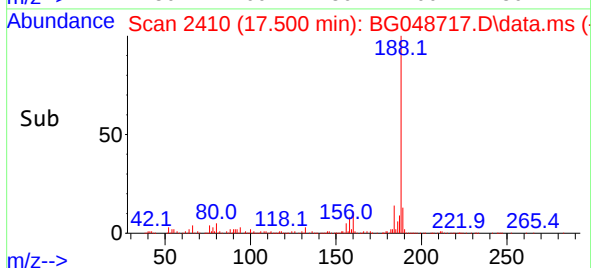
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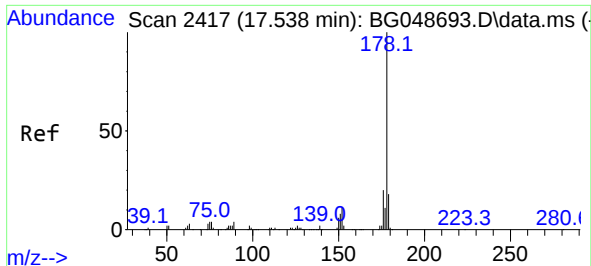


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.500 min Scan# 2410
Delta R.T. 0.006 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26



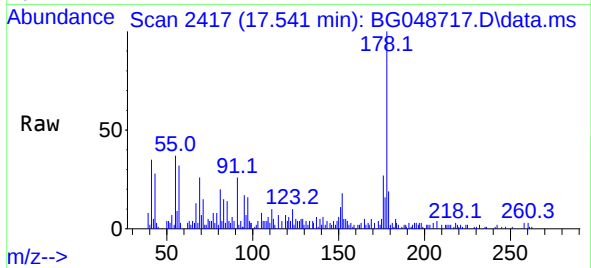
Tgt Ion:188 Resp: 129813
Ion Ratio Lower Upper
188 100
94 3.7 5.4 8.0#
80 5.4 3.7 5.5





#71
Phenanthrene
Concen: 3.20 ng
RT: 17.541 min Scan# 2417
Delta R.T. 0.006 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26

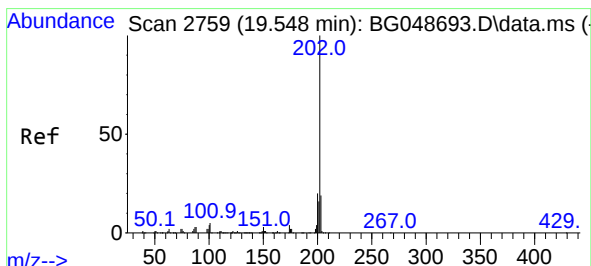
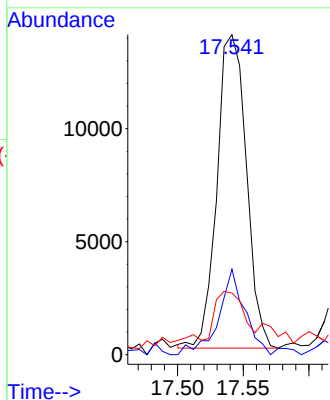
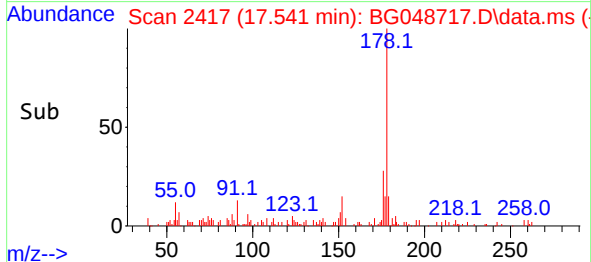
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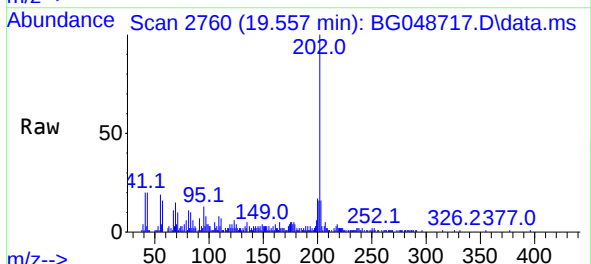
Tgt Ion:178 Resp: 21576
Ion Ratio Lower Upper
178 100
176 26.7 16.0 24.0#
179 19.2 14.2 21.4

Manual Integrations
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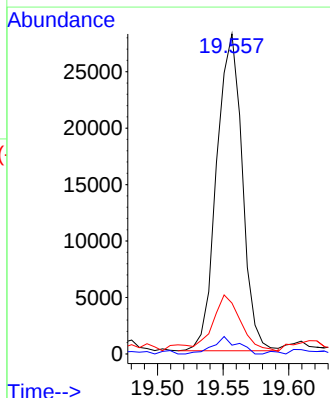
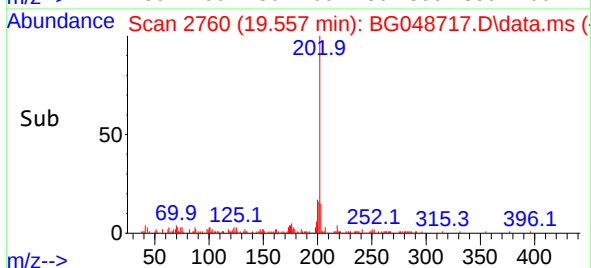
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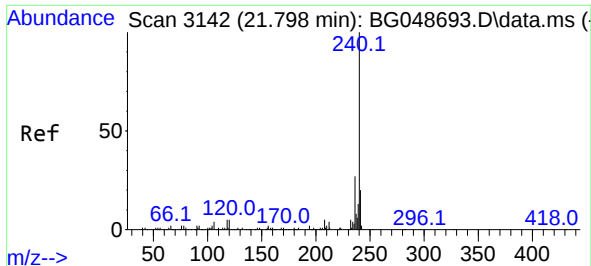


#75
Fluoranthene
Concen: 4.48 ng
RT: 19.557 min Scan# 2760
Delta R.T. 0.006 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26



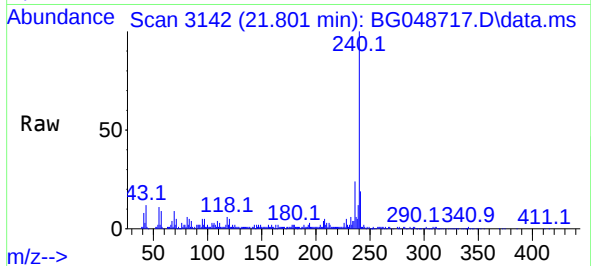
Tgt Ion:202 Resp: 38152
Ion Ratio Lower Upper
202 100
101 2.8 0.0 24.7
203 15.9 0.0 38.5





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.801 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26

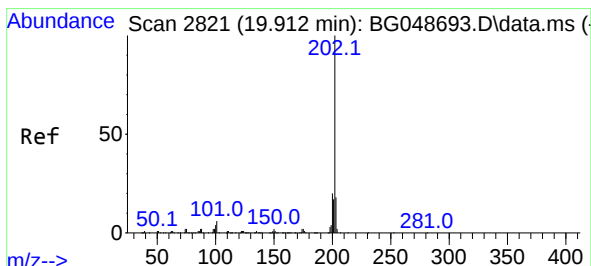
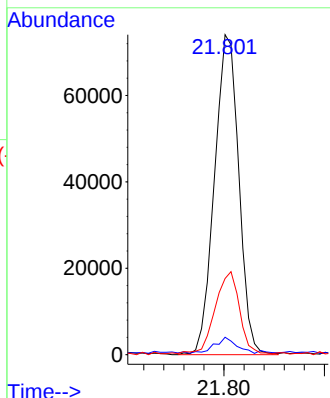
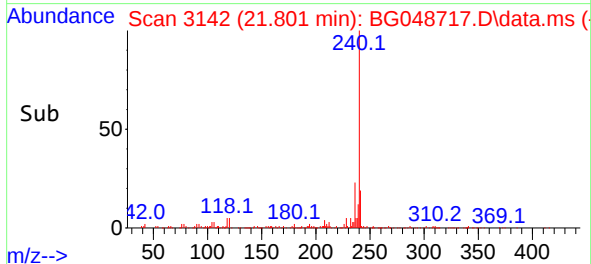
Instrument :
BNA_G
ClientSampled :
SB-4C



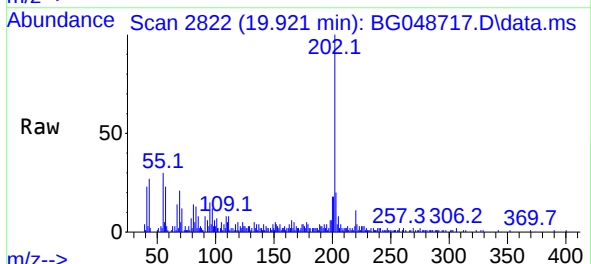
Tgt Ion:240 Resp: 124484
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 23.8 21.8 32.6

Manual Integrations
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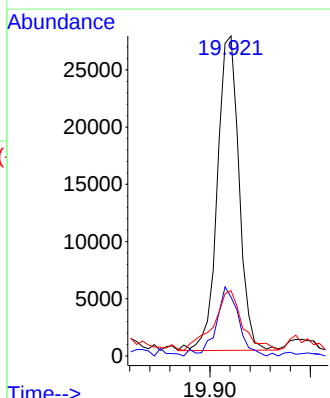
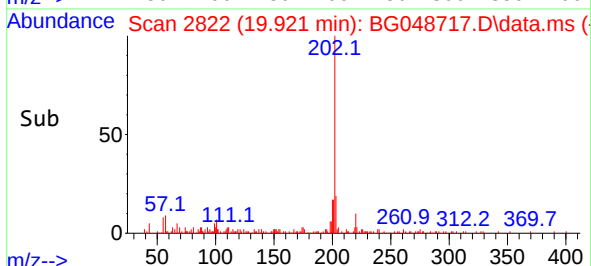
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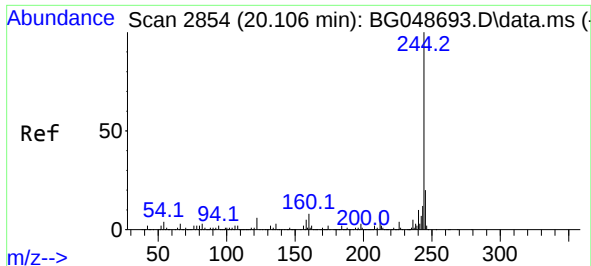


#78
Pyrene
Concen: 4.78 ng
RT: 19.921 min Scan# 2822
Delta R.T. 0.006 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26



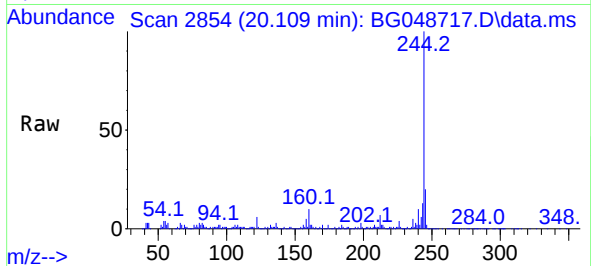
Tgt Ion:202 Resp: 41126
Ion Ratio Lower Upper
202 100
200 18.4 15.8 23.8
203 20.4 14.6 21.8





#79
 Terphenyl-d14
 Concen: 42.55 ng
 RT: 20.109 min Scan# 2854
 Delta R.T. 0.000 min
 Lab File: BG048717.D
 Acq: 15 Apr 2021 20:26

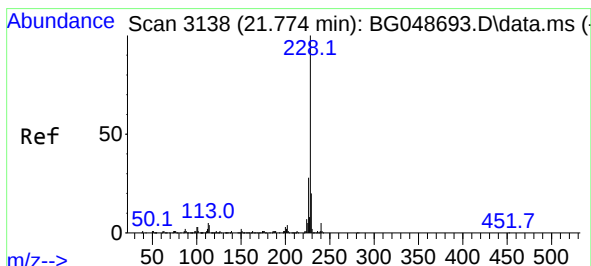
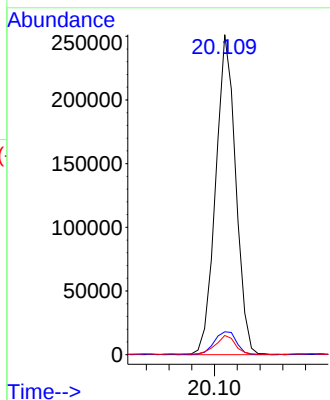
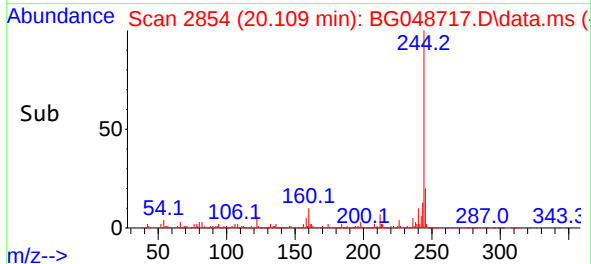
Instrument :
 BNA_G
 ClientSampled :
 SB-4C



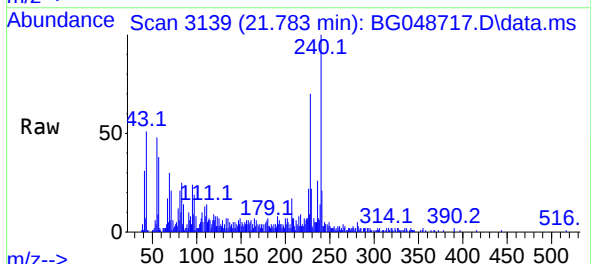
Tgt Ion:244 Resp: 307750
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.9 10.3
 122 6.0 5.0 7.6

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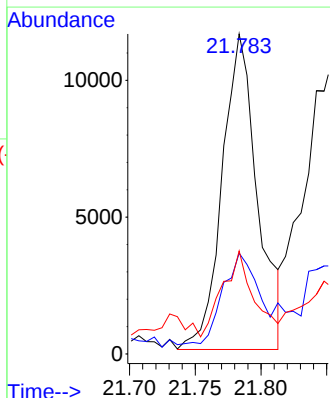
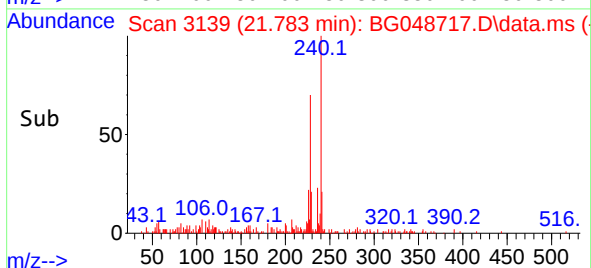
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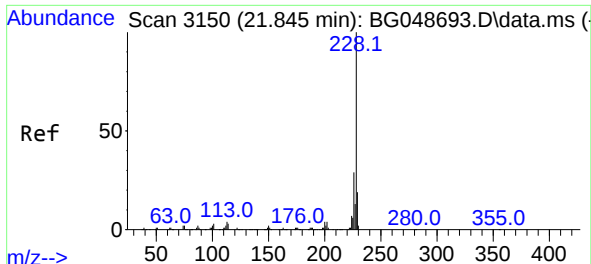


#81
 Benzo(a)anthracene
 Concen: 2.54 ng m
 RT: 21.783 min Scan# 3139
 Delta R.T. 0.006 min
 Lab File: BG048717.D
 Acq: 15 Apr 2021 20:26



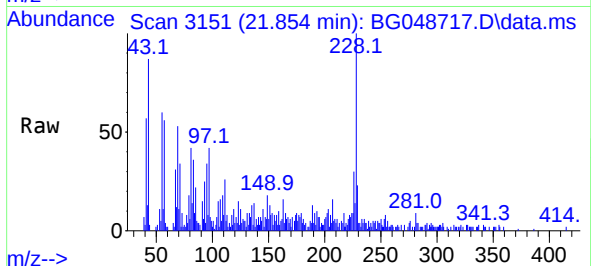
Tgt Ion:228 Resp: 21587
 Ion Ratio Lower Upper
 228 100
 226 31.5 22.7 34.1
 229 32.2 16.0 24.0#





#83
Chrysene
Concen: 2.69 ng
RT: 21.854 min Scan# 3151
Delta R.T. 0.012 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26

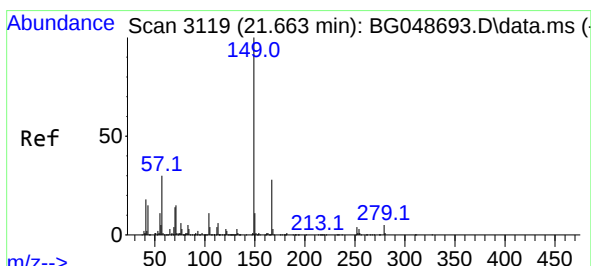
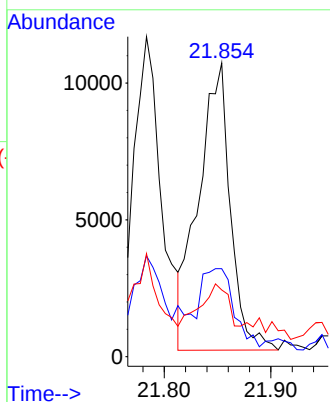
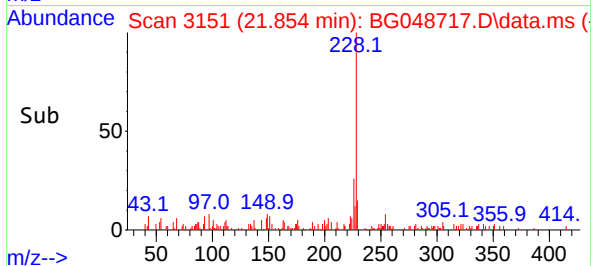
Instrument :
BNA_G
ClientSampled :
SB-4C



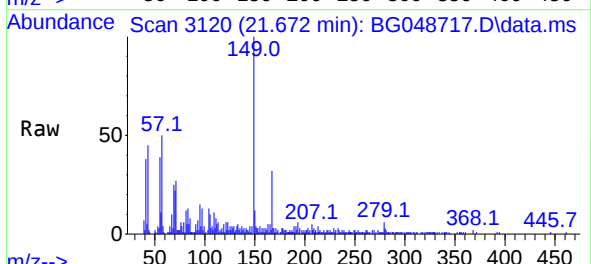
Tgt Ion:228 Resp: 21817
Ion Ratio Lower Upper
228 100
226 30.0 23.1 34.7
229 22.7 15.3 22.9

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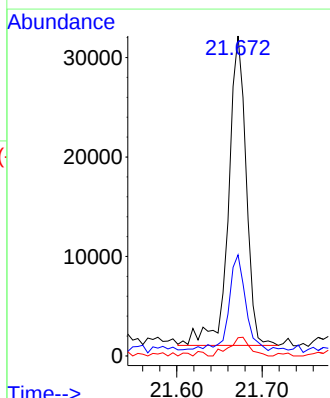
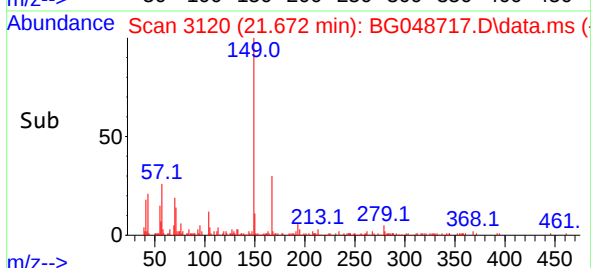
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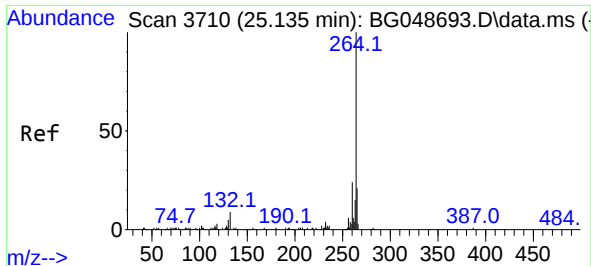


#84
Bis(2-ethylhexyl)phthalate
Concen: 9.49 ng
RT: 21.672 min Scan# 3120
Delta R.T. 0.006 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26



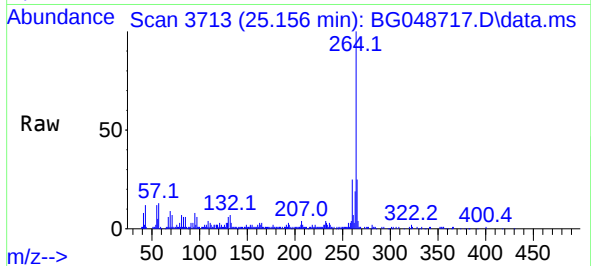
Tgt Ion:149 Resp: 44752
Ion Ratio Lower Upper
149 100
167 31.6 22.3 33.5
279 5.7 3.8 5.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.156 min Scan# 3713
Delta R.T. 0.018 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26

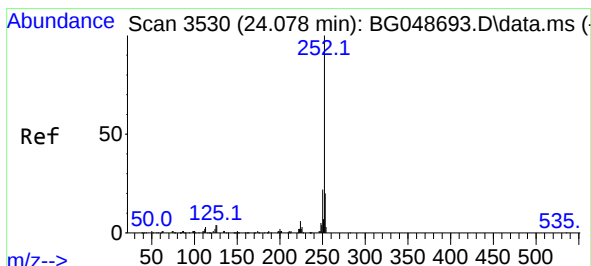
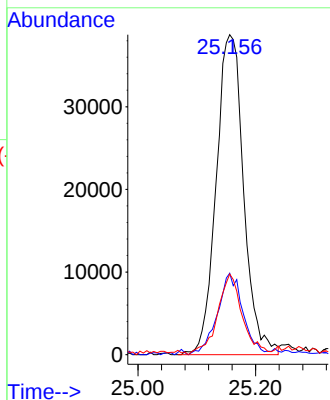
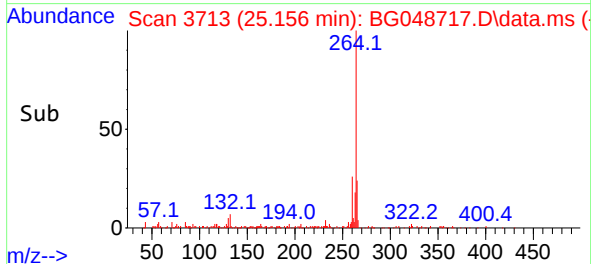
Instrument :
BNA_G
ClientSampled :
SB-4C



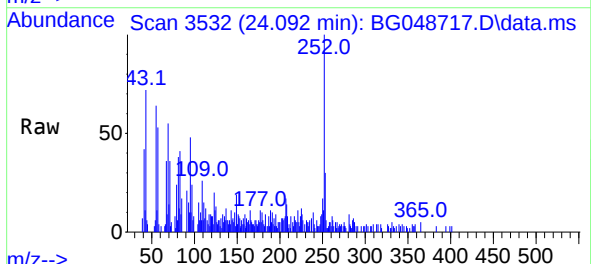
Tgt Ion:264 Resp: 125518
Ion Ratio Lower Upper
264 100
260 25.5 19.4 29.2
265 25.2 16.9 25.3

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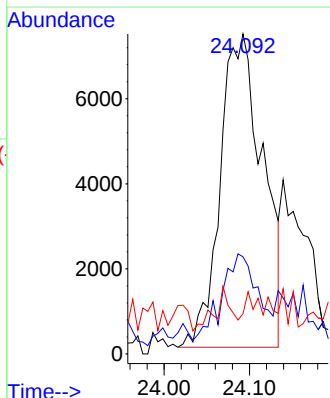
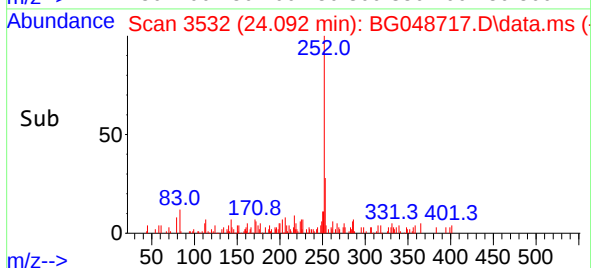
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4/16/2021 11:28:32 AM

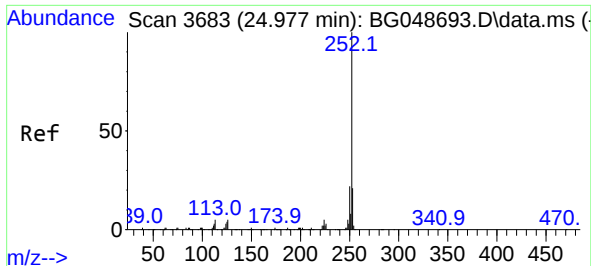


#88
Benzo(b)fluoranthene
Concen: 3.00 ng
RT: 24.092 min Scan# 3532
Delta R.T. 0.018 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26



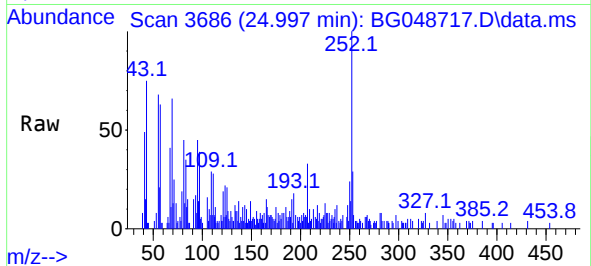
Tgt Ion:252 Resp: 25574
Ion Ratio Lower Upper
252 100
253 30.3 16.2 24.4#
125 12.6 3.0 4.4#





#90
Benzo(a)pyrene
Concen: 2.32 ng
RT: 24.997 min Scan# 3686
Delta R.T. 0.018 min
Lab File: BG048717.D
Acq: 15 Apr 2021 20:26

Instrument :
BNA_G
ClientSampled :
SB-4C



Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.4	16.6	25.0#
125	21.0	3.5	5.3#

Manual Integrations
APPROVED

mohammad
4/16/2021 11:28:32 AM

