

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
 Data File : BG048557.D
 Acq On : 1 Apr 2021 23:51
 Operator : CG/JU
 Sample : M1886-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-124037

Manual Integrations
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Quant Time: Apr 02 03:05:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 01 11:19:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	22302	20.00	ng	0.00
21) Naphthalene-d8	10.920	136	88901	20.00	ng	# 0.00
39) Acenaphthene-d10	14.745	164	60587	20.00	ng	0.00
64) Phenanthrene-d10	17.501	188	141598	20.00	ng	0.00
76) Chrysene-d12	21.796	240	150942	20.00	ng	# 0.00
86) Perylene-d12	25.139	264	154268	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	171936	136.11	ng	0.00
7) Phenol-d6	7.248	99	212330	115.90	ng	0.00
23) Nitrobenzene-d5	9.264	82	155425	84.64	ng	0.00
42) 2,4,6-Tribromophenol	16.238	330	100389	126.05	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	268242	65.81	ng	-0.02
79) Terphenyl-d14	20.110	244	415505	50.34	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.272	94	3980	2.17	ng	# 78
31) Naphthalene	10.973	128	18616	4.07	ng	98
50) Dimethylphthalate	14.187	163	16527	3.68	ng	# 93
52) Acenaphthene	14.810	154	52400	13.70	ng	94
55) Dibenzofuran	15.145	168	36710	6.57	ng	96
58) Fluorene	15.797	166	47683	10.20	ng	95
71) Phenanthrene	17.542	178	317066	43.14	ng	99
72) Anthracene	17.630	178	41487	5.66	ng	96
73) Carbazole	17.901	167	14507	2.09	ng	99
75) Fluoranthene	19.557	202	459218	50.39	ng	96
78) Pyrene	19.916	202	341312	32.89	ng	99
81) Benzo(a)anthracene	21.778	228	96754	9.59	ng	98
83) Chrysene	21.843	228	93662	9.73	ng	95
88) Benzo(b)fluoranthene	24.076	252	88054m	8.79	ng	
89) Benzo(k)fluoranthene	24.128	252	26040m	2.70	ng	
90) Benzo(a)pyrene	24.969	252	41041	4.44	ng	97

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

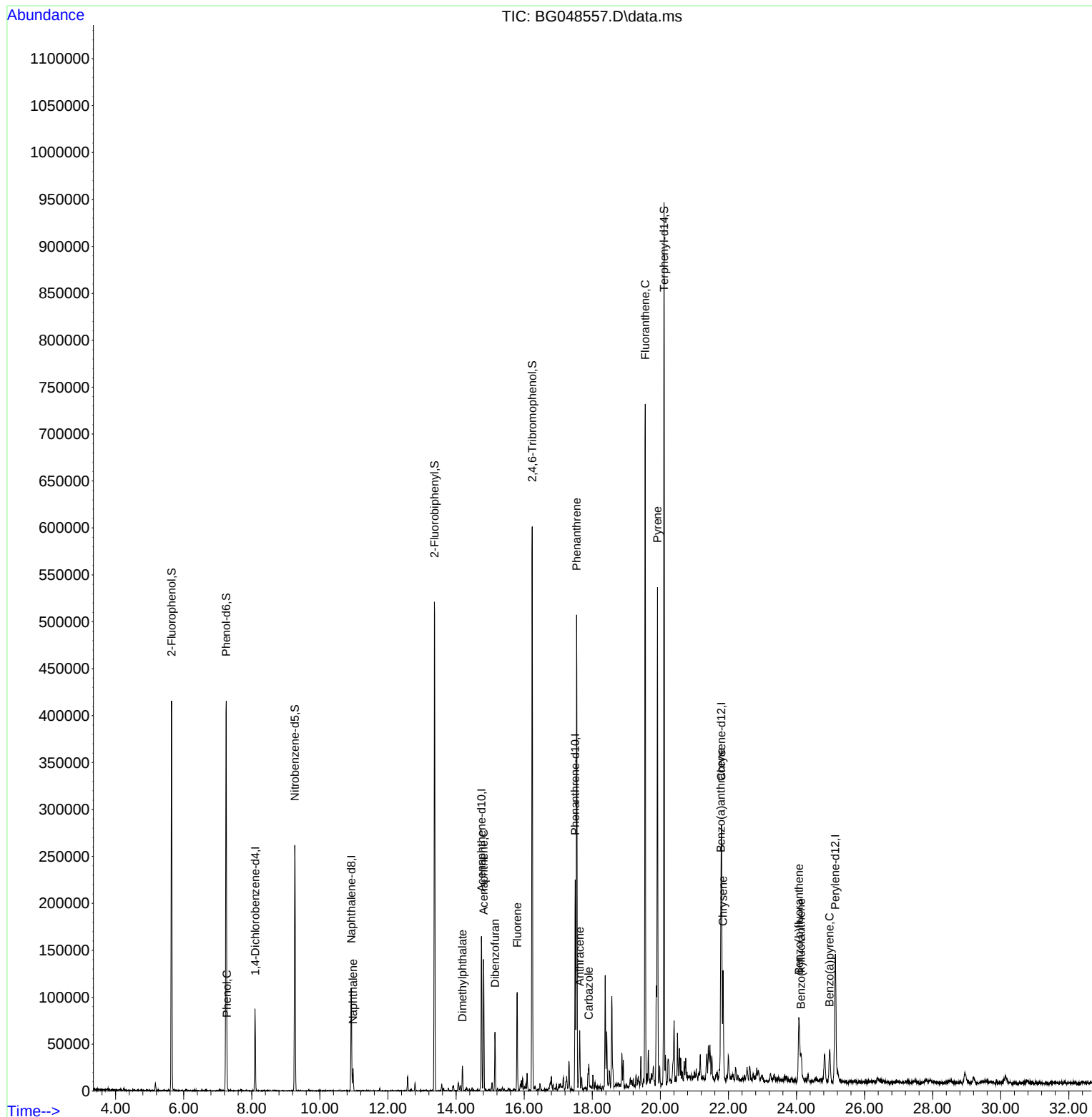
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
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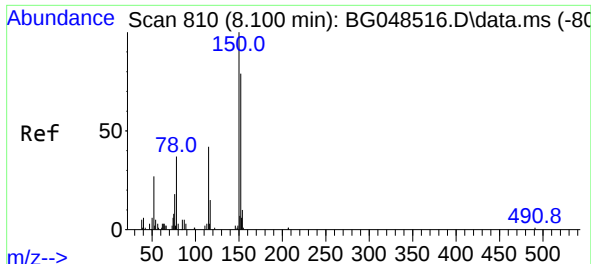
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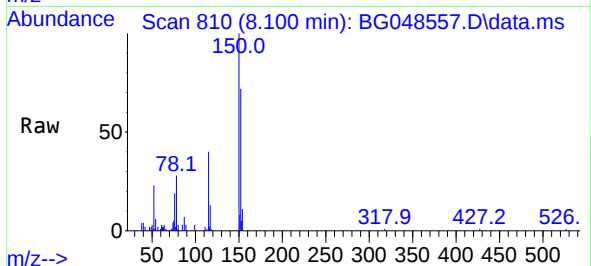
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
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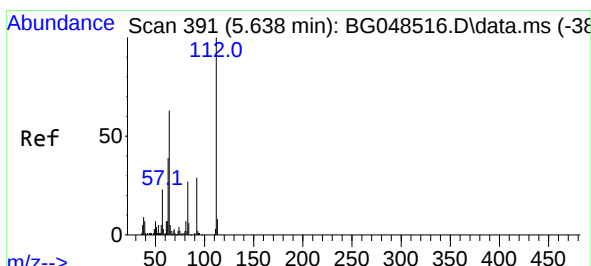
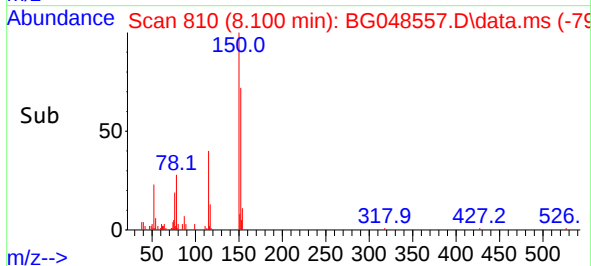
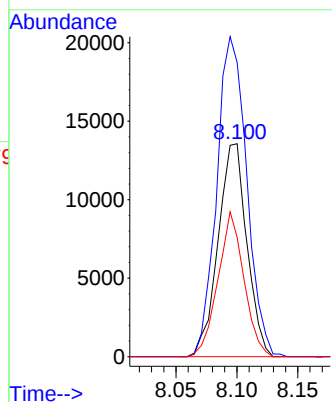




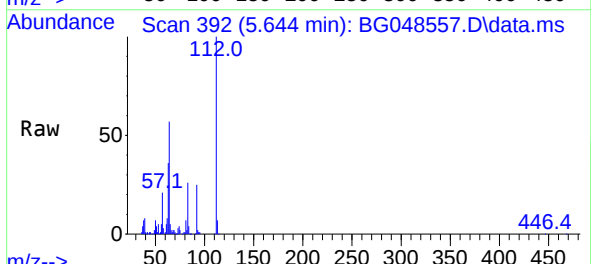
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.100 min Scan# 810
Delta R.T. -0.004 min
Lab File: BG048557.D
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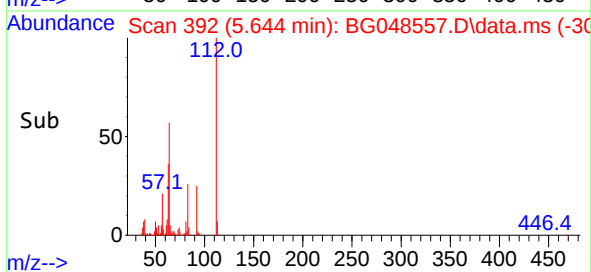
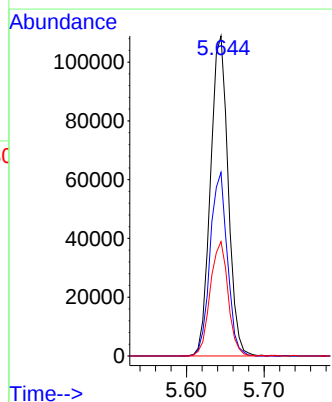
Tgt Ion:	152	Resp:	22302
Ion Ratio	Lower	Upper	
152	100		
150	138.2	101.3	151.9
115	55.9	42.3	63.5



#5
2-Fluorophenol
Concen: 136.11 ng
RT: 5.644 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51



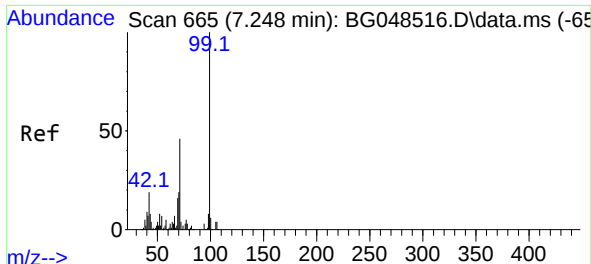
Tgt Ion:	112	Resp:	171936
Ion Ratio	Lower	Upper	
112	100		
64	57.4	50.4	75.6
63	35.8	31.4	47.2



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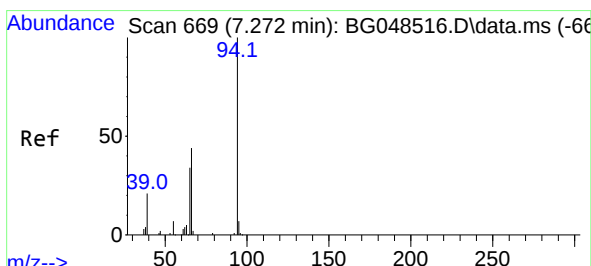
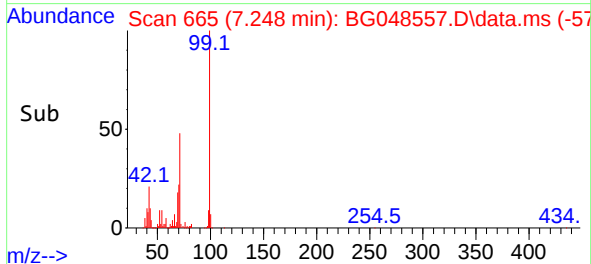
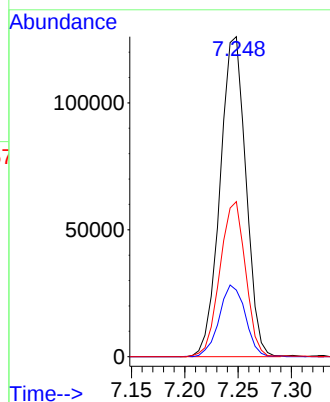
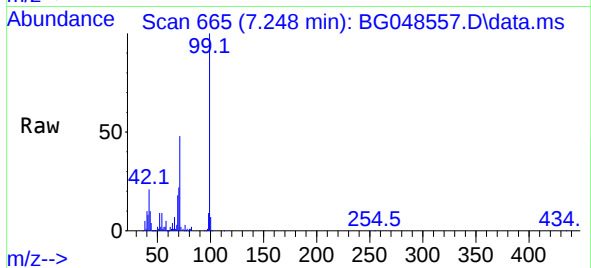
#7
Phenol-d6
Concen: 115.90 ng
RT: 7.248 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG048557.D
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Tgt Ion:	99	Resp:	212330
Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.5	23.3
71	48.5	36.6	54.8

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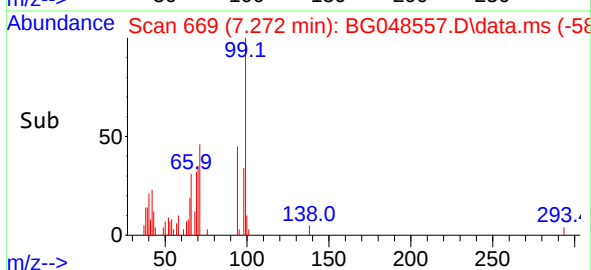
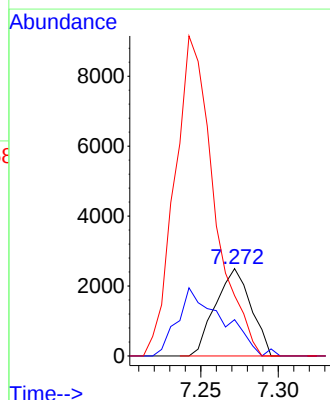
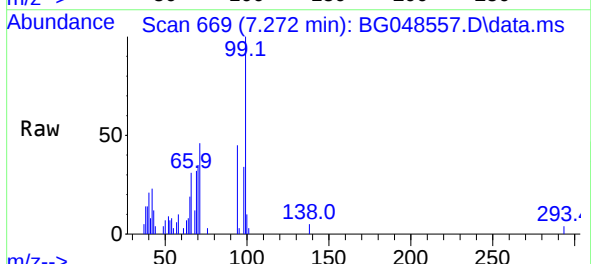
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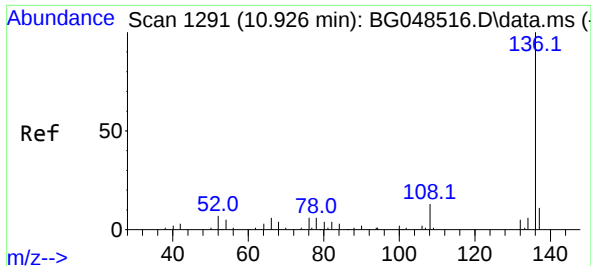
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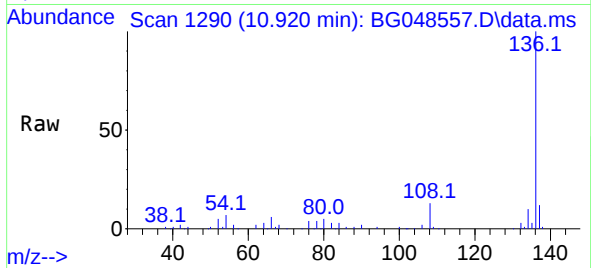
#10
Phenol
Concen: 2.17 ng
RT: 7.272 min Scan# 669
Delta R.T. -0.009 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51

Tgt Ion:	94	Resp:	3980
Ion	Ratio	Lower	Upper
94	100		
65	41.6	15.1	55.1
66	69.0	28.9	68.9#

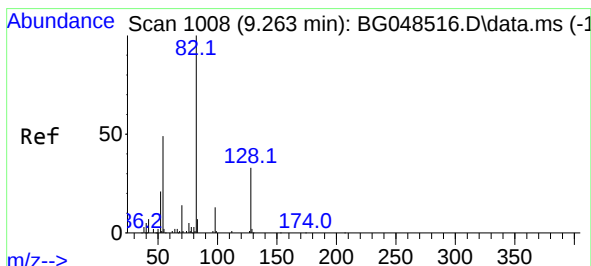
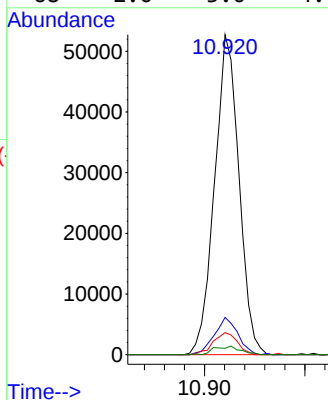
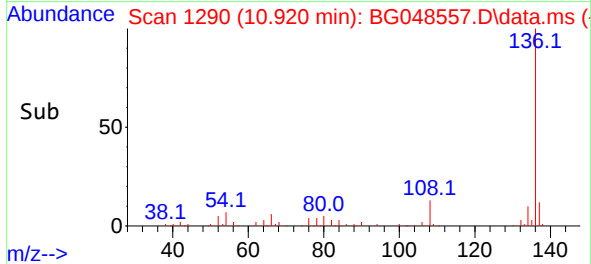




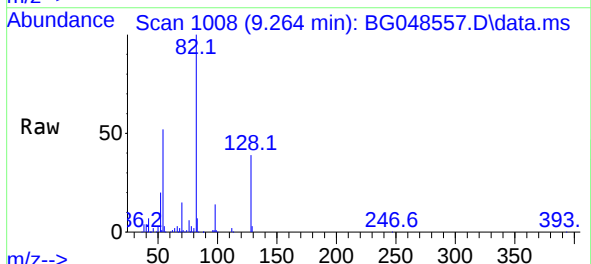
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.920 min Scan# 1290
Delta R.T. -0.009 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51



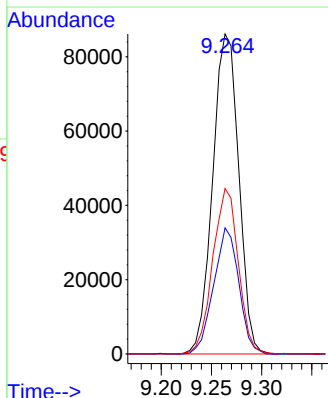
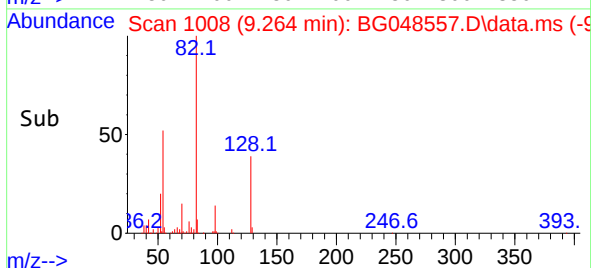
Tgt Ion:	136	Resp:	88901
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.6	12.8
54	6.9	4.2	6.4#
68	2.0	3.0	4.4#



#23
Nitrobenzene-d5
Concen: 84.64 ng
RT: 9.264 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51



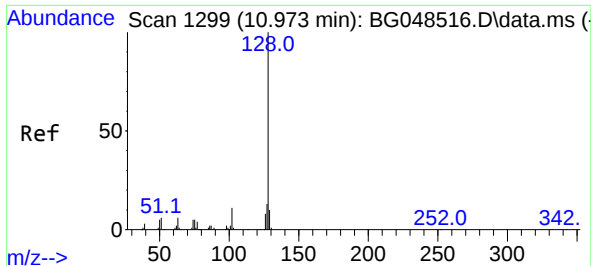
Tgt Ion:	82	Resp:	155425
Ion Ratio	Lower	Upper	
82	100		
128	39.4	26.2	39.4#
54	51.7	38.9	58.3



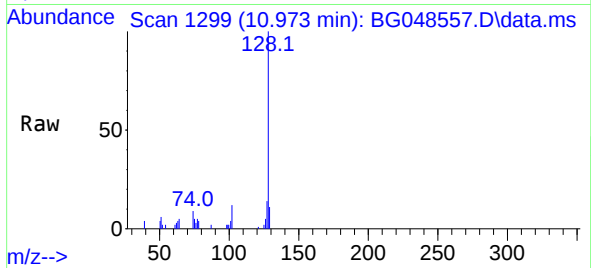
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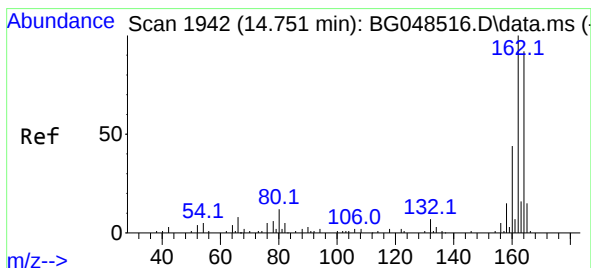
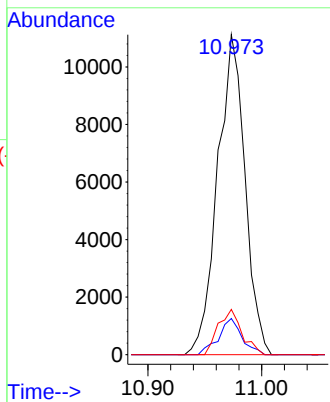
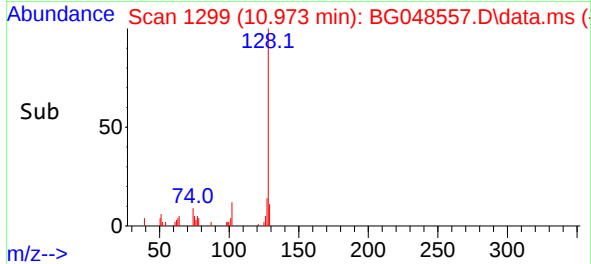
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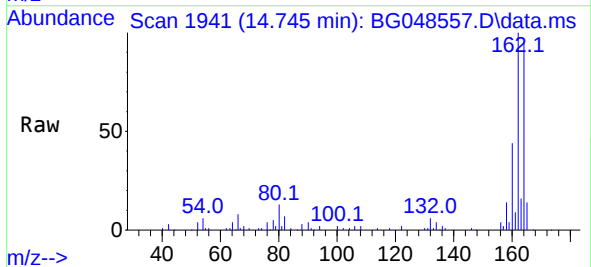
#31
Naphthalene
Concen: 4.07 ng
RT: 10.973 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51



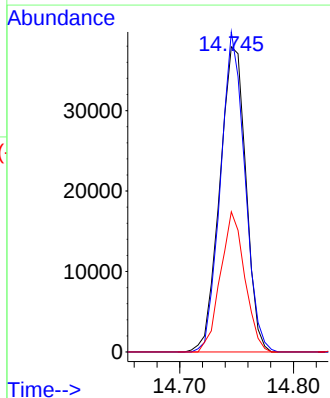
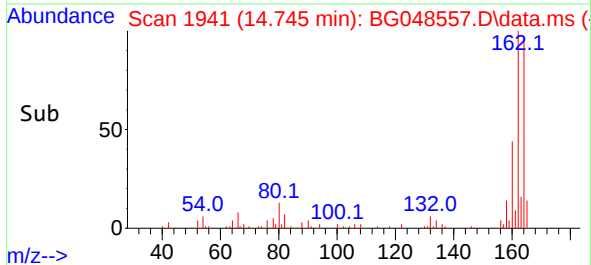
Tgt Ion:128 Resp: 18616
Ion Ratio Lower Upper
128 100
129 11.3 8.2 12.2
127 14.2 10.6 16.0



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.745 min Scan# 1941
Delta R.T. -0.009 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51



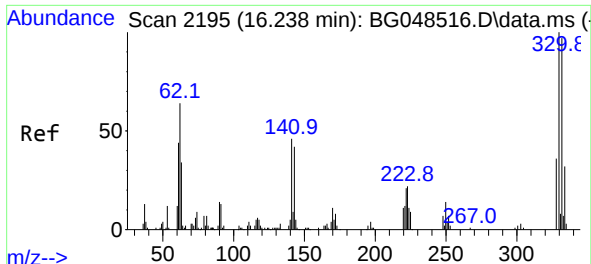
Tgt Ion:164 Resp: 60587
Ion Ratio Lower Upper
164 100
162 104.9 87.0 130.6
160 45.9 38.4 57.6



Instrument :
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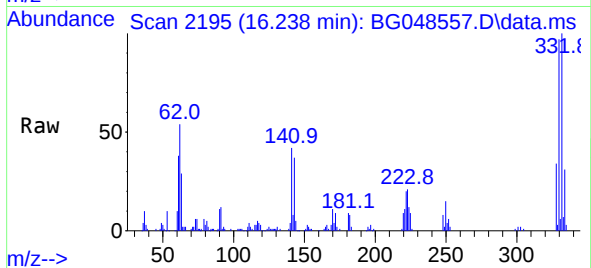
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#42
2,4,6-Tribromophenol
Concen: 126.05 ng
RT: 16.238 min Scan# 2195
Delta R.T. -0.009 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51

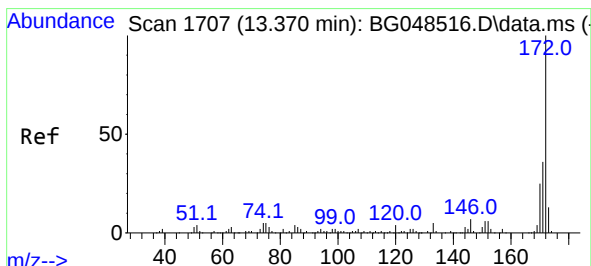
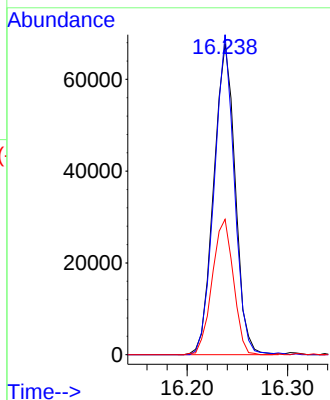
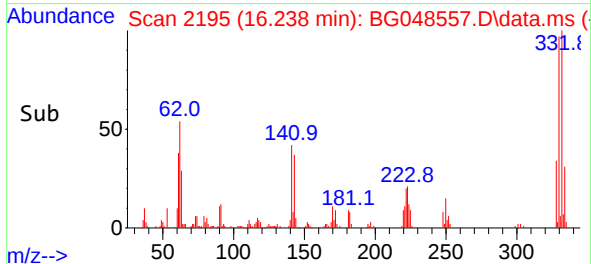
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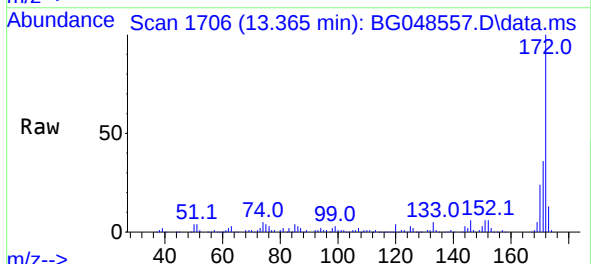
Tgt Ion:330 Resp: 100389
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 43.1 34.6 52.0

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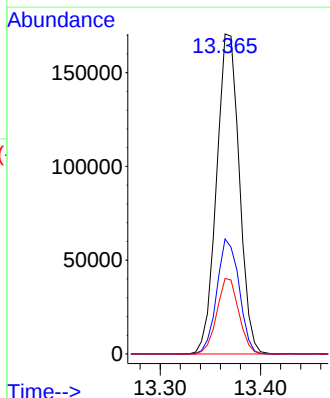
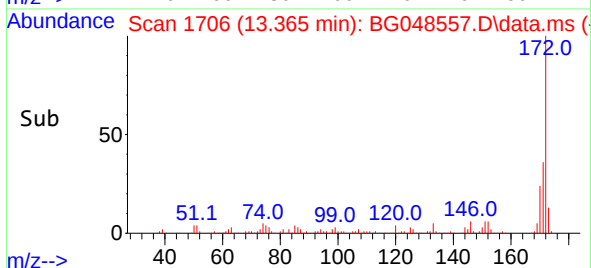
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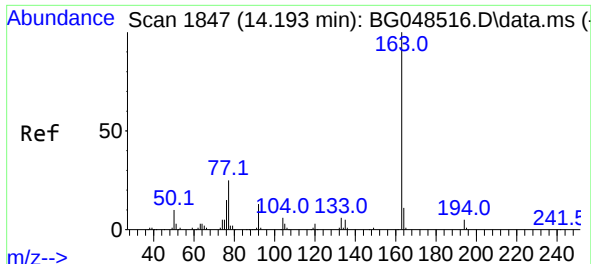


#45
2-Fluorobiphenyl
Concen: 65.81 ng
RT: 13.365 min Scan# 1706
Delta R.T. -0.015 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51



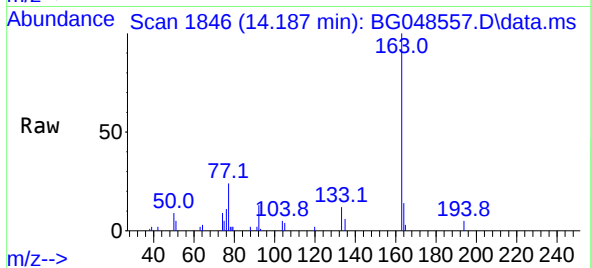
Tgt Ion:172 Resp: 268242
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.6 19.8 29.6





#50
Dimethylphthalate
Concen: 3.68 ng
RT: 14.187 min Scan# 1846
Delta R.T. -0.015 min
Lab File: BG048557.D
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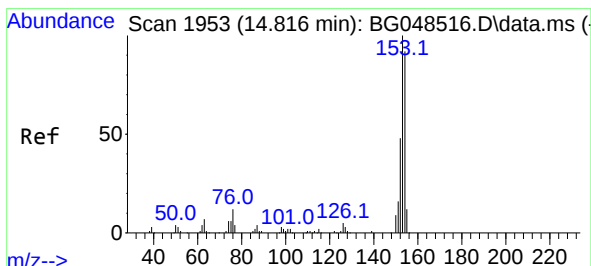
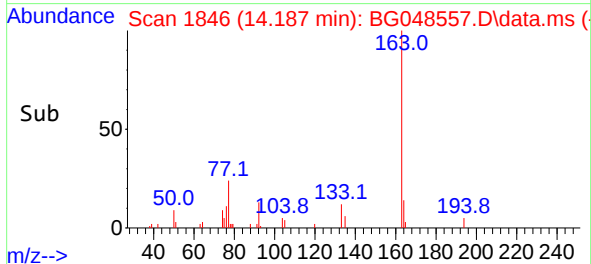
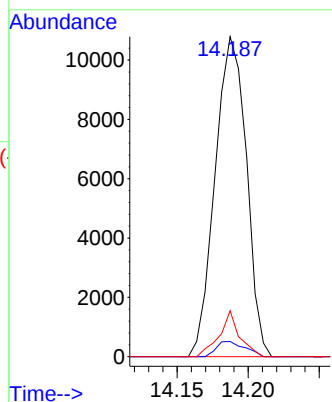
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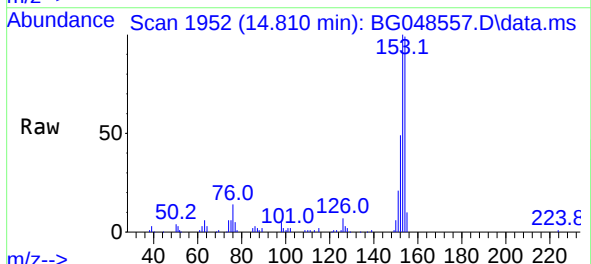
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Ion Ratio Lower Upper
163 100
194 4.8 4.1 6.1
164 14.4 8.6 12.8#

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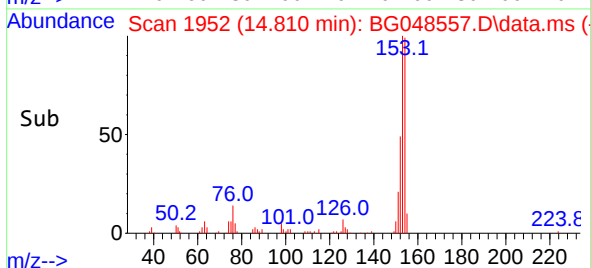
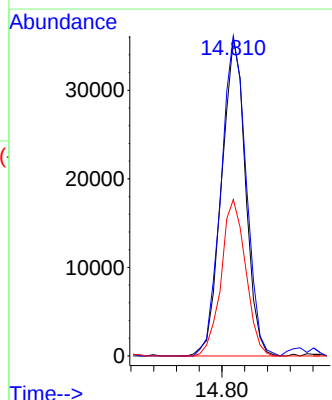
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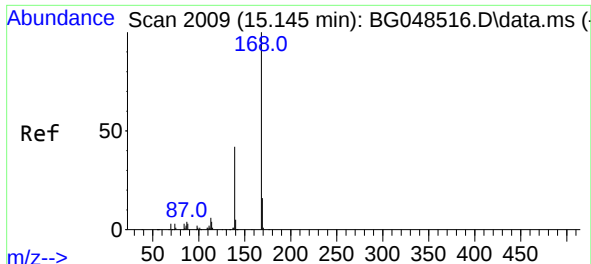


#52
Acenaphthene
Concen: 13.70 ng
RT: 14.810 min Scan# 1952
Delta R.T. -0.009 min
Lab File: BG048557.D
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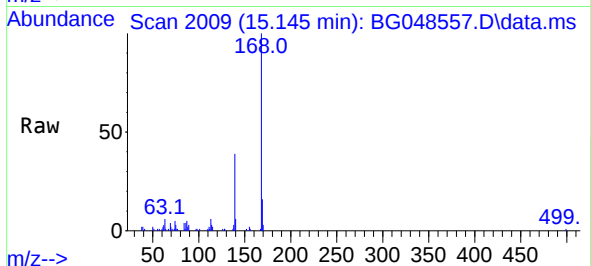


Tgt Ion:154 Resp: 52400
Ion Ratio Lower Upper
154 100
153 100.7 86.6 129.8
152 49.3 41.5 62.3

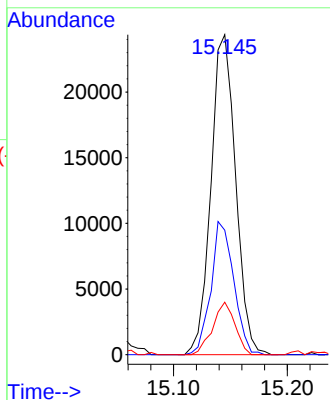
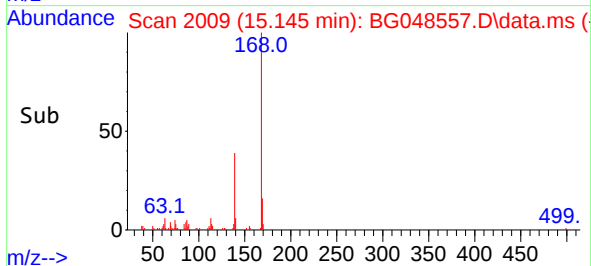




#55
Dibenzenofuran
Concen: 6.57 ng
RT: 15.145 min Scan# 2009
Delta R.T. -0.009 min
Lab File: BG048557.D
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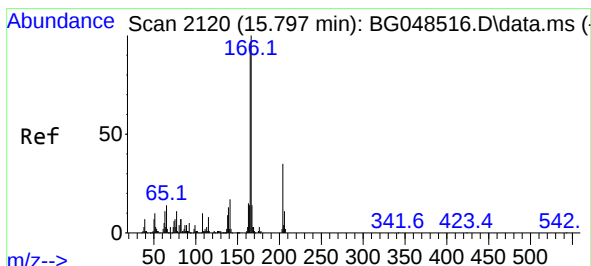
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Ion Ratio Lower Upper
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169 16.4 12.5 18.7



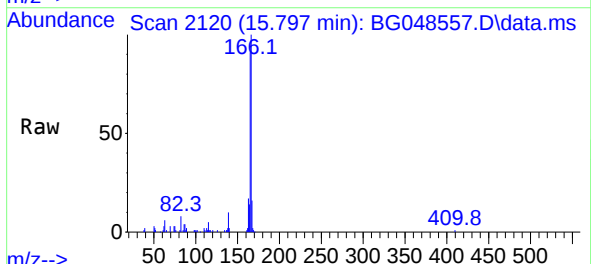
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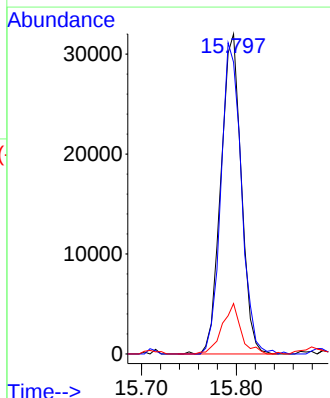
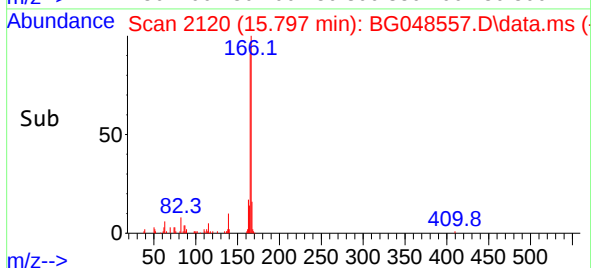
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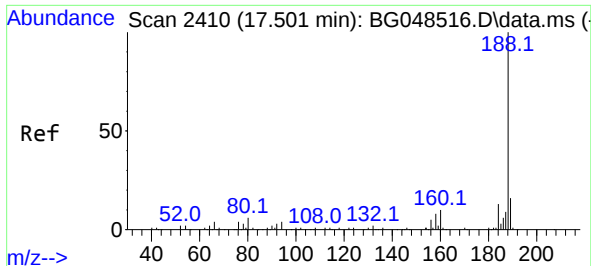


#58
Fluorene
Concen: 10.20 ng
RT: 15.797 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51



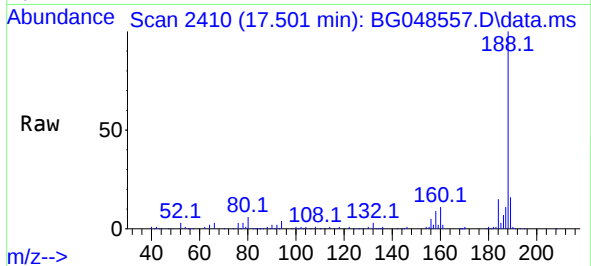
Tgt Ion:166 Resp: 47683
Ion Ratio Lower Upper
166 100
165 91.2 76.8 115.2
167 15.7 11.1 16.7





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.501 min Scan# 2410
Delta R.T. -0.003 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51

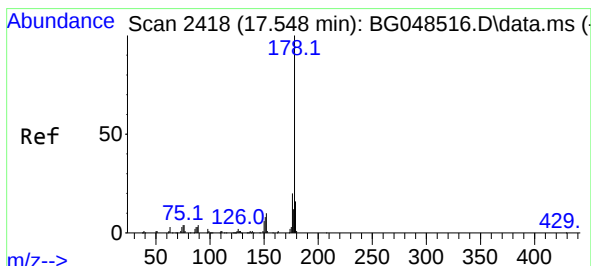
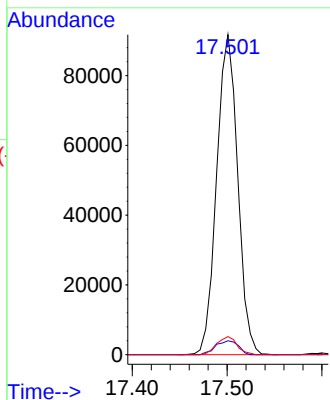
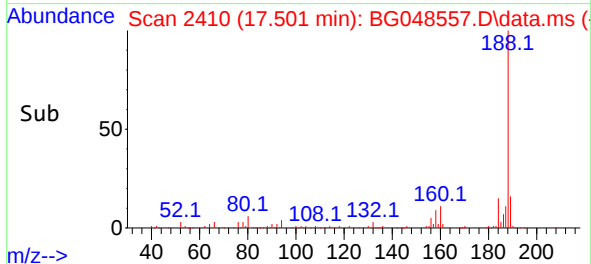
Instrument :
BNA_G
ClientSampleId :
RO-124037



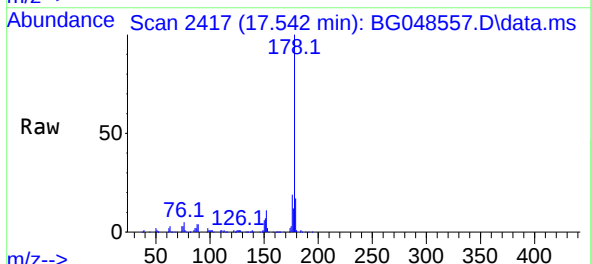
Tgt Ion:188 Resp: 141598
Ion Ratio Lower Upper
188 100
94 4.4 3.0 4.6
80 5.7 4.5 6.7

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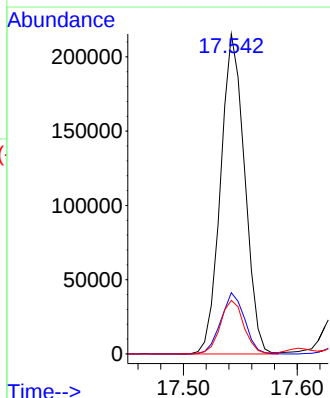
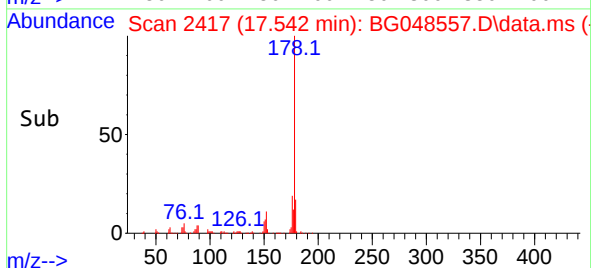
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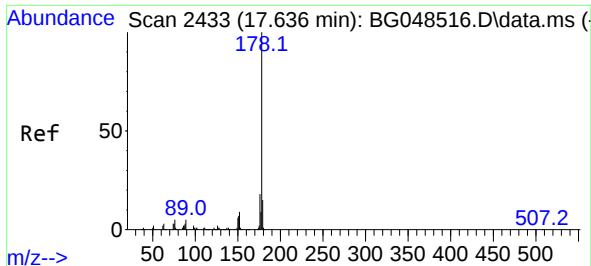


#71
Phenanthrene
Concen: 43.14 ng
RT: 17.542 min Scan# 2417
Delta R.T. -0.009 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51



Tgt Ion:178 Resp: 317066
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 16.8 12.9 19.3





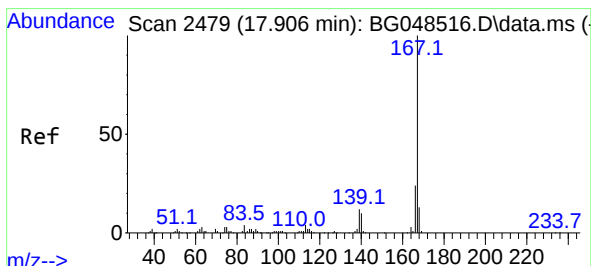
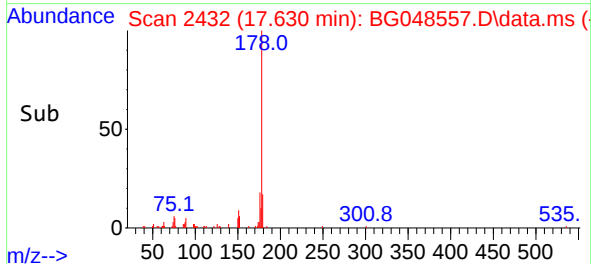
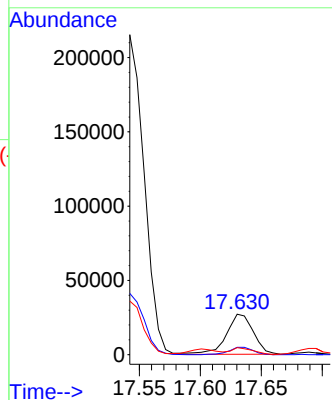
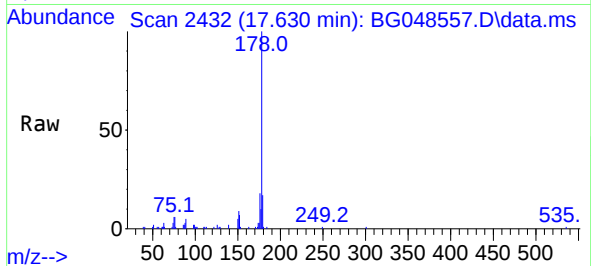
#72
 Anthracene
 Concen: 5.66 ng
 RT: 17.630 min Scan# 2432
 Delta R.T. -0.009 min
 Lab File: BG048557.D
 Acq: 1 Apr 2021 23:51

Tgt Ion:	178	Resp:	41487
Ion Ratio	Lower	Upper	
178	100		
176	18.3	14.1	21.1
179	17.4	11.9	17.9

Instrument :
 BNA_G
 ClientSampleId :
 RO-124037

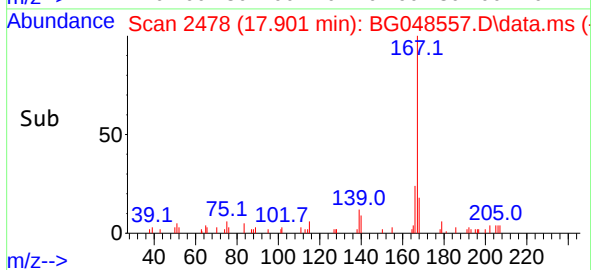
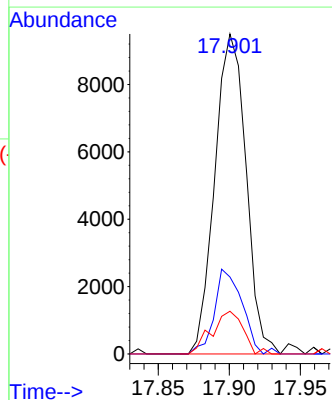
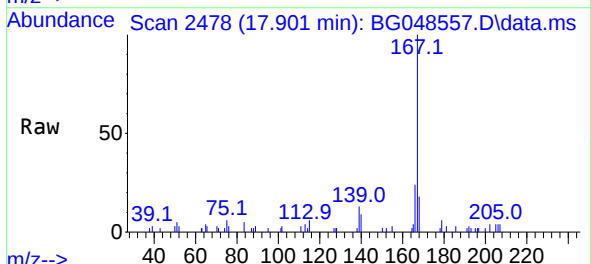
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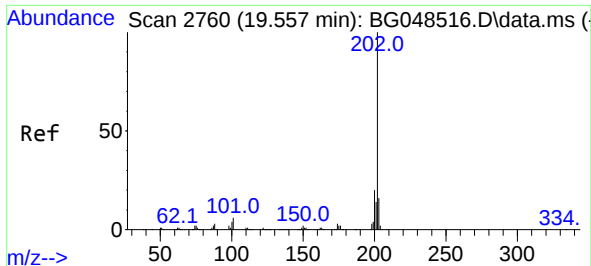
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#73
 Carbazole
 Concen: 2.09 ng
 RT: 17.901 min Scan# 2478
 Delta R.T. -0.009 min
 Lab File: BG048557.D
 Acq: 1 Apr 2021 23:51

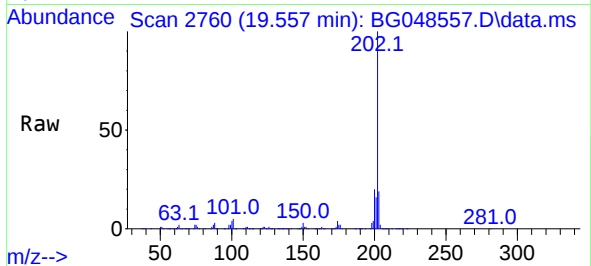
Tgt Ion:	167	Resp:	14507
Ion Ratio	Lower	Upper	
167	100		
166	24.0	19.0	28.6
139	13.4	10.0	15.0





#75
Fluoranthene
Concen: 50.39 ng
RT: 19.557 min Scan# 2760
Delta R.T. -0.003 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51

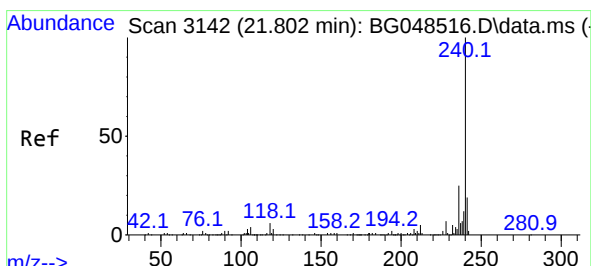
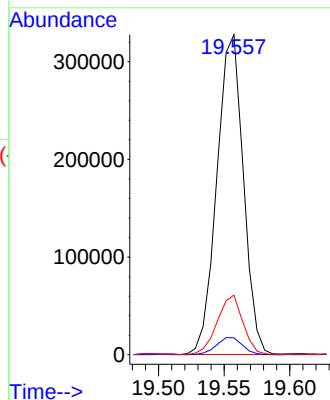
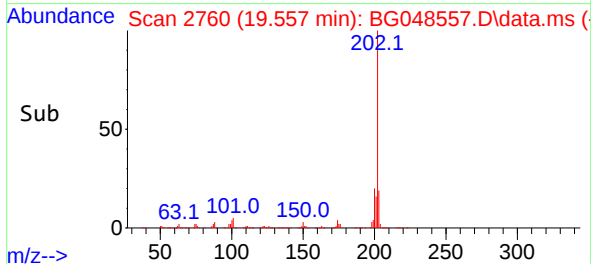
Instrument :
BNA_G
ClientSampleId :
RO-124037



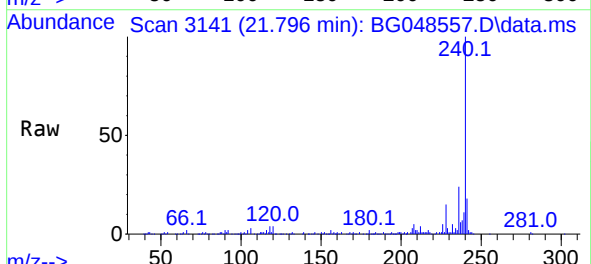
Tgt Ion:202 Resp: 459218
Ion Ratio Lower Upper
202 100
101 5.3 0.0 25.8
203 18.6 0.0 36.4

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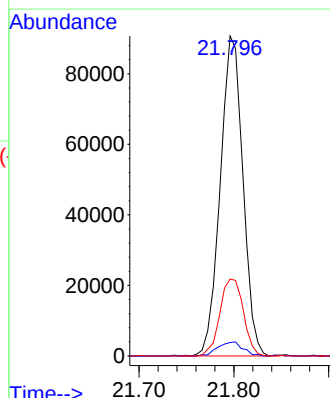
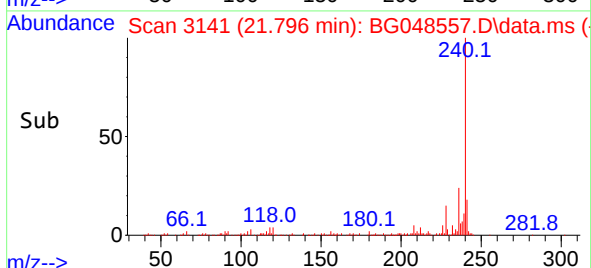
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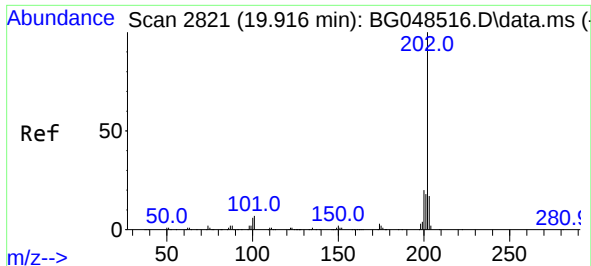


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.796 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51

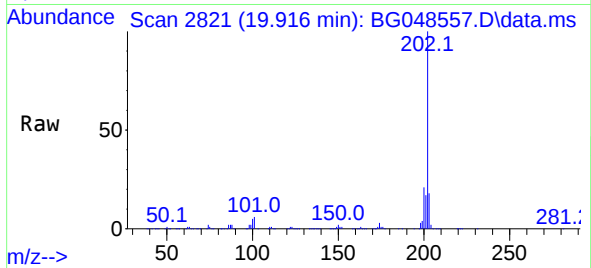


Tgt Ion:240 Resp: 150942
Ion Ratio Lower Upper
240 100
120 4.2 2.6 3.8#
236 24.0 19.8 29.6

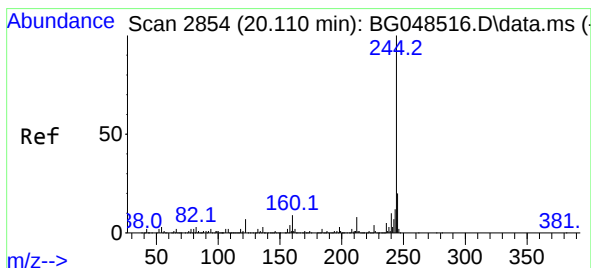
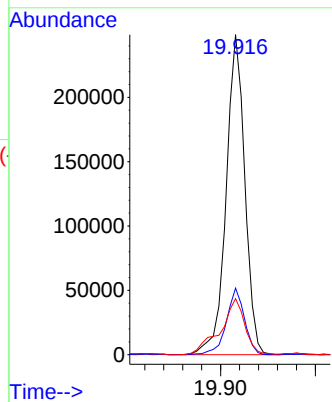
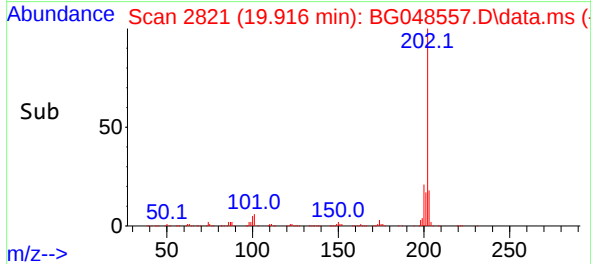




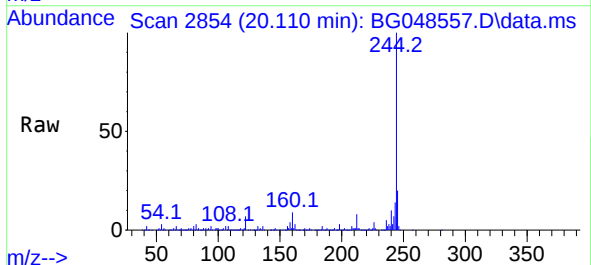
#78
Pyrene
Concen: 32.89 ng
RT: 19.916 min Scan# 2821
Delta R.T. -0.003 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51



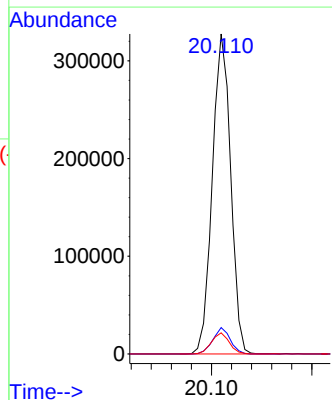
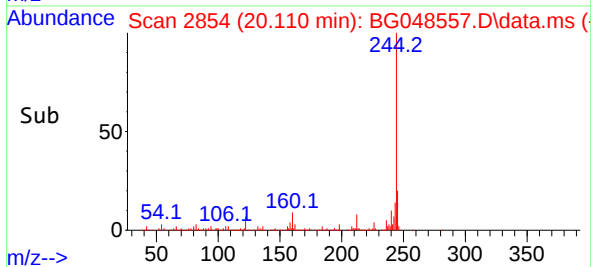
Tgt Ion:202 Resp: 341312
Ion Ratio Lower Upper
202 100
200 20.8 16.1 24.1
203 17.5 13.6 20.4



#79
Terphenyl-d14
Concen: 50.34 ng
RT: 20.110 min Scan# 2854
Delta R.T. -0.003 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51



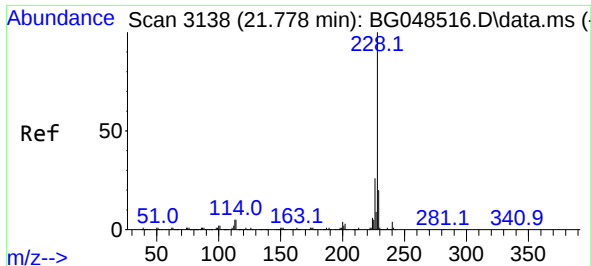
Tgt Ion:244 Resp: 415505
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 6.6 5.8 8.6



Instrument :
BNA_G
ClientSampleId :
RO-124037

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#81
Benzo(a)anthracene
Concen: 9.59 ng
RT: 21.778 min Scan# 3138
Delta R.T. -0.003 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51

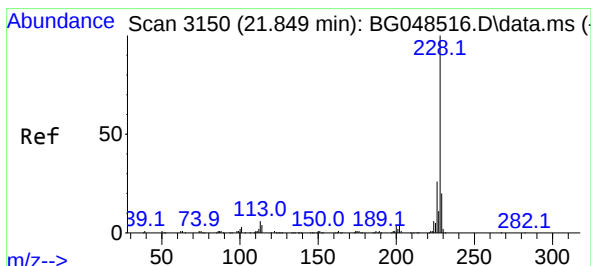
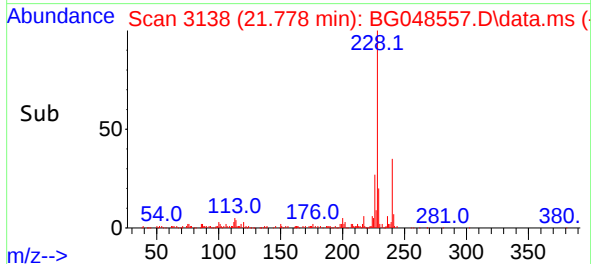
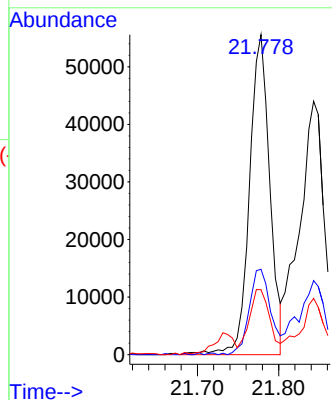
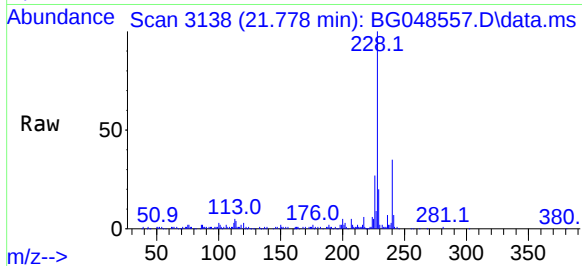
Tgt Ion:228 Resp: 96754

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.6	30.8
229	20.3	15.8	23.8

Instrument :
BNA_G
ClientSampleId :
RO-124037

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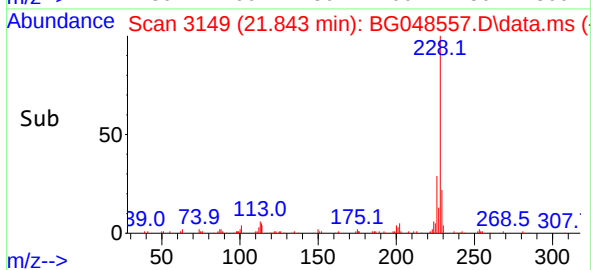
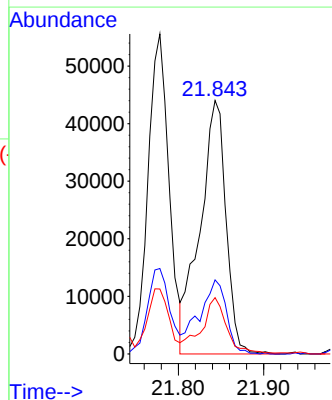
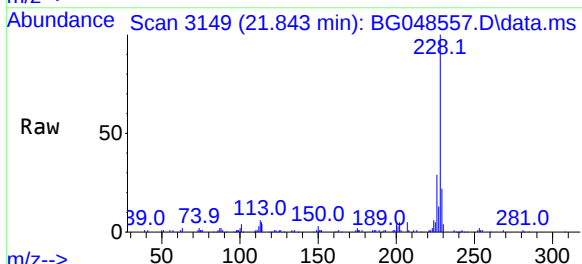
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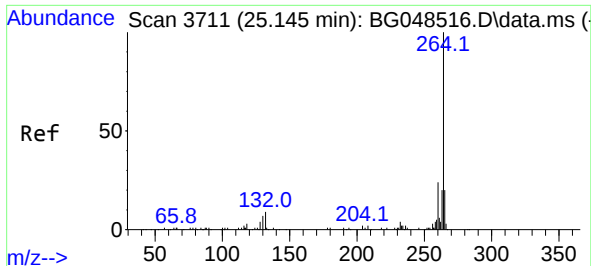


#83
Chrysene
Concen: 9.73 ng
RT: 21.843 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51

Tgt Ion:228 Resp: 93662

Ion	Ratio	Lower	Upper
228	100		
226	29.2	20.6	31.0
229	22.2	16.3	24.5





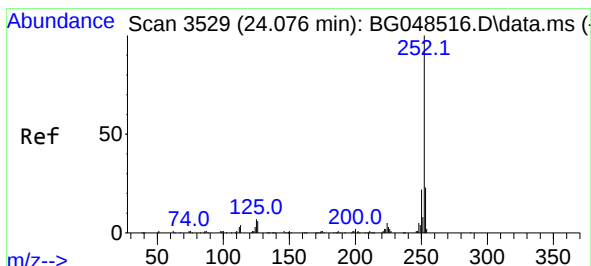
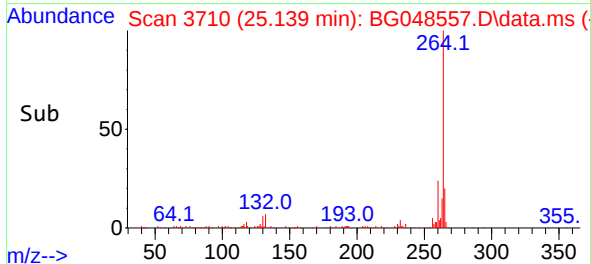
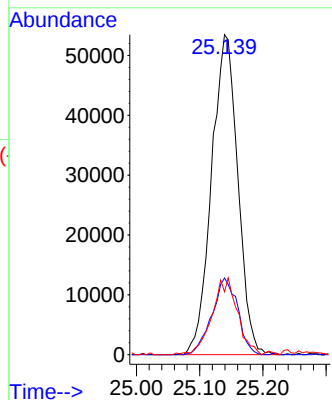
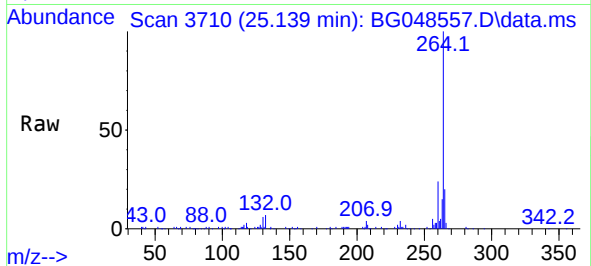
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.139 min Scan# 3710
Delta R.T. -0.009 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51

Tgt Ion:264 Resp: 154268
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 19.7 16.1 24.1

Instrument :
BNA_G
ClientSampleId :
RO-124037

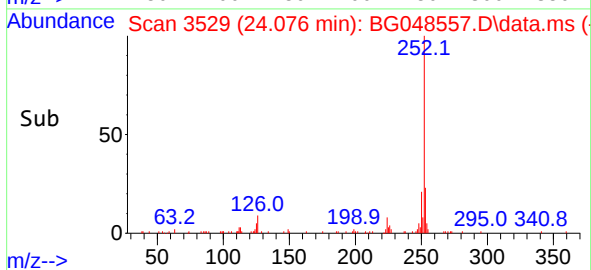
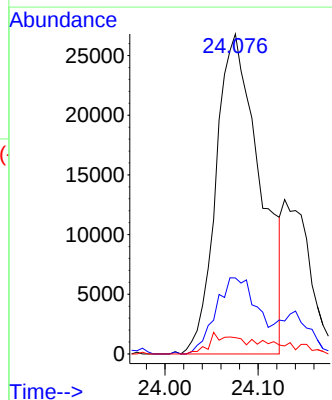
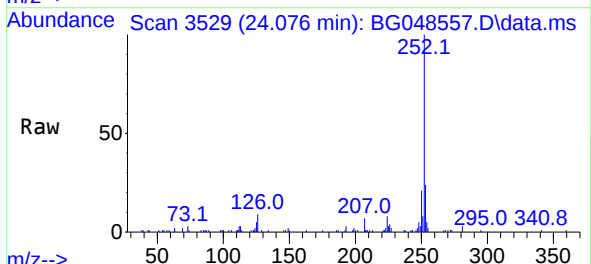
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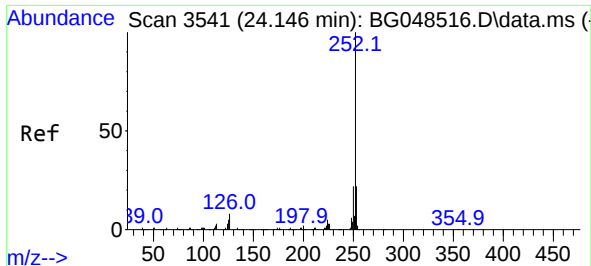
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#88
Benzo(b)fluoranthene
Concen: 8.79 ng m
RT: 24.076 min Scan# 3529
Delta R.T. -0.009 min
Lab File: BG048557.D
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Tgt Ion:252 Resp: 88054
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.4
125 5.1 5.3 7.9#





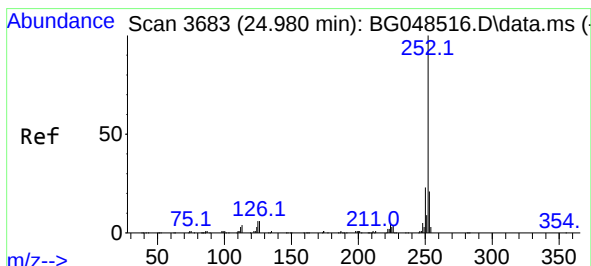
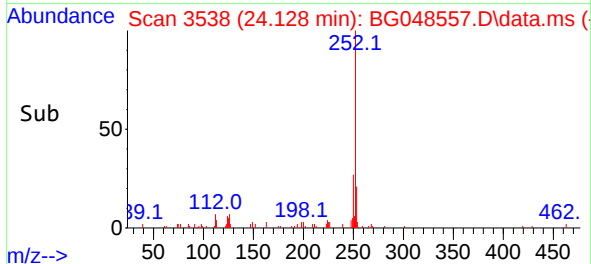
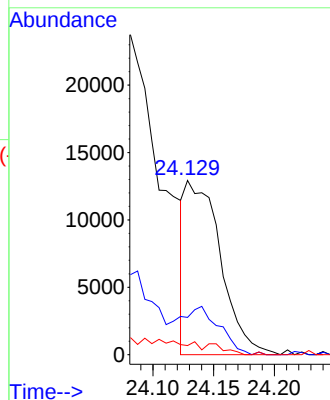
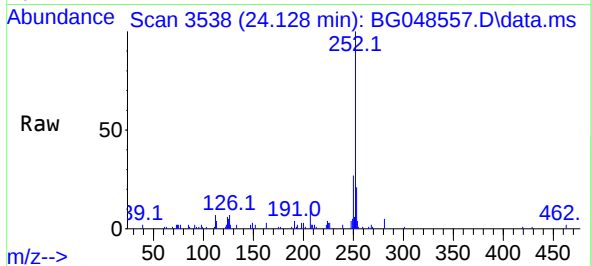
#89
Benzo(k)fluoranthene
Concen: 2.70 ng m
RT: 24.128 min Scan# 3538
Delta R.T. -0.027 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51

Tgt Ion:	252	Resp:	26040
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.9	26.9
125	5.2	3.9	5.9

Instrument :
BNA_G
ClientSampleId :
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#90
Benzo(a)pyrene
Concen: 4.44 ng
RT: 24.969 min Scan# 3681
Delta R.T. -0.021 min
Lab File: BG048557.D
Acq: 1 Apr 2021 23:51

Tgt Ion:	252	Resp:	41041
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.1	25.7
125	6.4	4.4	6.6

