

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
 Data File : BG047984.D
 Acq On : 22 Jan 2021 19:00
 Operator : CG/JU
 Sample : M1177-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PILE-1-(0.5-1.0)

Manual Integrations
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mohammad
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Quant Time: Jan 22 22:26:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 21 14:42:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.139	152	51919	20.00	ng	-0.01
21) Naphthalene-d8	10.953	136	199744	20.00	ng	#-0.01
39) Acenaphthene-d10	14.766	164	150621	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	365617	20.00	ng	#-0.01
76) Chrysene-d12	21.788	240	387195	20.00	ng	#-0.01
86) Perylene-d12	25.090	264	397132	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.695	112	304741	95.73	ng	0.00
7) Phenol-d6	7.287	99	425742	88.59	ng	0.00
23) Nitrobenzene-d5	9.302	82	295975	65.16	ng	-0.01
42) 2,4,6-Tribromophenol	16.247	330	221458	91.88	ng	0.00
45) 2-Fluorobiphenyl	13.392	172	631767	56.02	ng	0.00
79) Terphenyl-d14	20.107	244	1022650	48.83	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.310	94	13364	2.94	ng	73
71) Phenanthrene	17.545	178	168657	8.53	ng	95
75) Fluoranthene	19.549	202	243683	9.26	ng	97
78) Pyrene	19.907	202	328236	12.53	ng	95
81) Benzo(a)anthracene	21.764	228	153655	5.75	ng	96
83) Chrysene	21.829	228	180088	7.03	ng	99
87) Indeno(1,2,3-cd)pyrene	28.838	276	88965	2.93	ng	# 88
88) Benzo(b)fluoranthene	24.038	252	172047	6.51	ng	99
89) Benzo(k)fluoranthene	24.097	252	60133m	2.34	ng	
90) Benzo(a)pyrene	24.919	252	134203m	5.39	ng	
92) Benzo(g,h,i)perylene	30.001	276	96683	3.99	ng	# 93

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

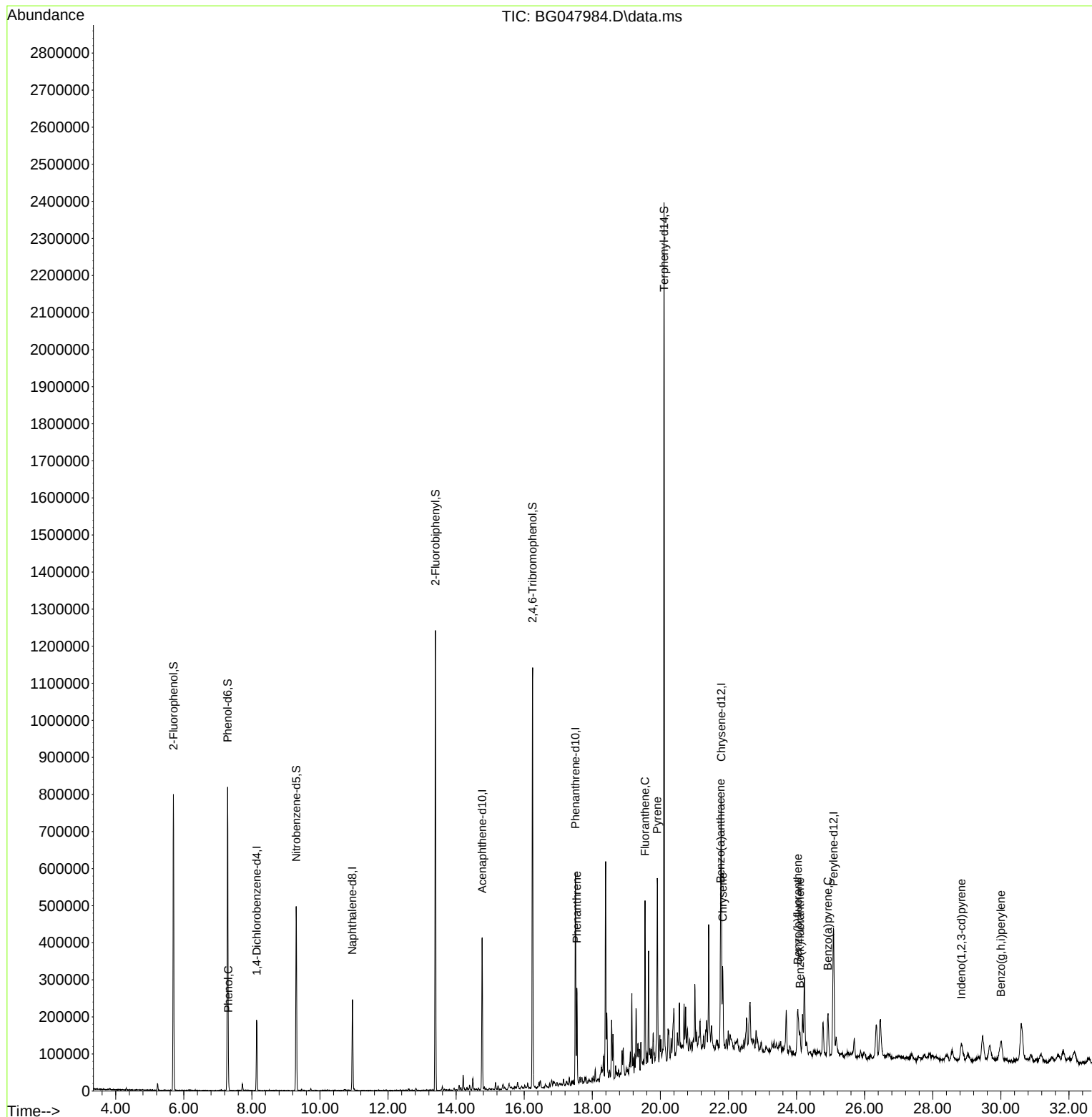
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047984.D
Acq On : 22 Jan 2021 19:00
Operator : CG/JU
Sample : M1177-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

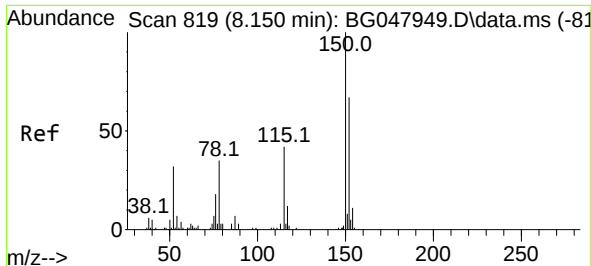
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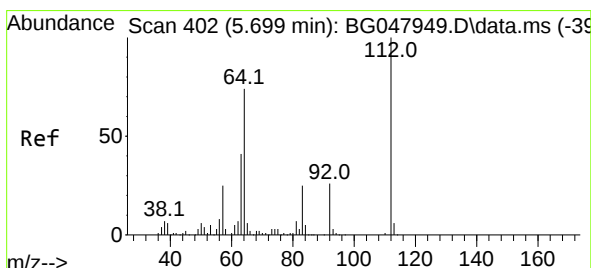
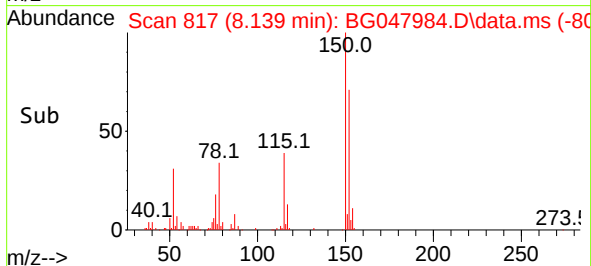
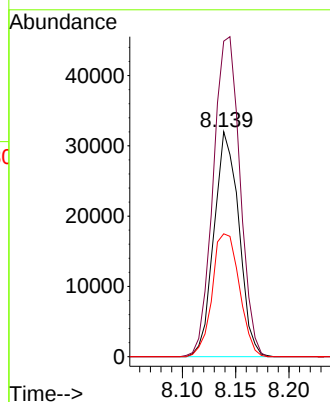
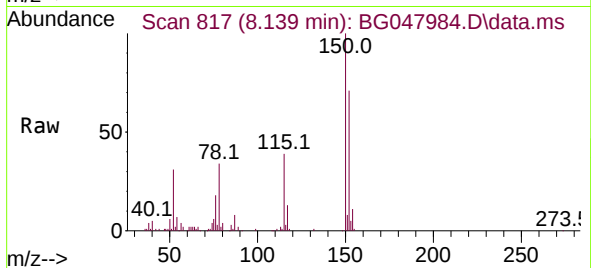
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.139 min Scan# 817
Delta R.T. -0.011 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00

Tgt Ion	Ratio	Lower	Upper
152	100		
150	140.2	125.0	187.6
115	54.6	41.8	62.6

Instrument :
BNA_G
ClientSampleId :
PILE-1-(0.5-1.0)

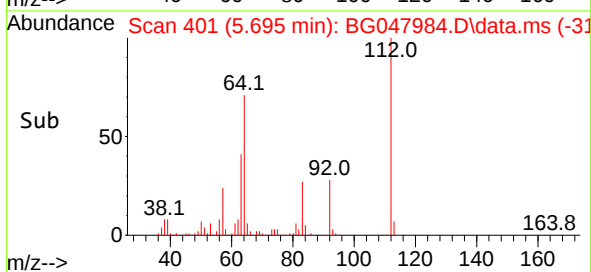
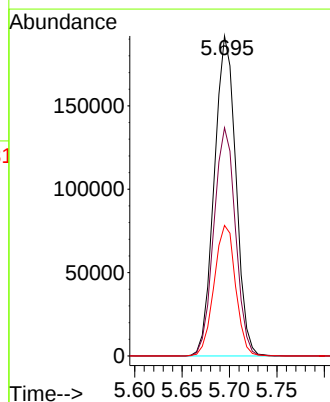
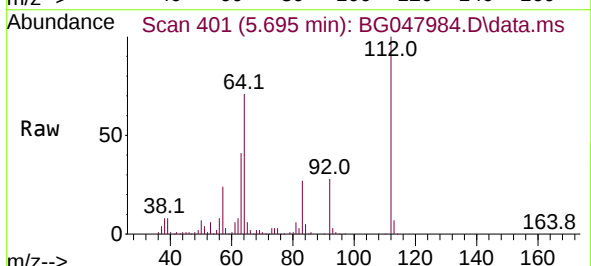
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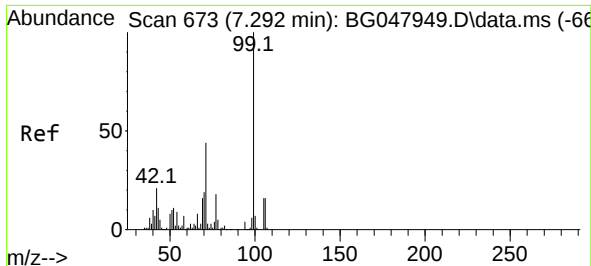
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#5
2-Fluorophenol
Concen: 95.73 ng
RT: 5.695 min Scan# 401
Delta R.T. -0.005 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	46.7	70.1#
63	40.8	22.8	34.2#





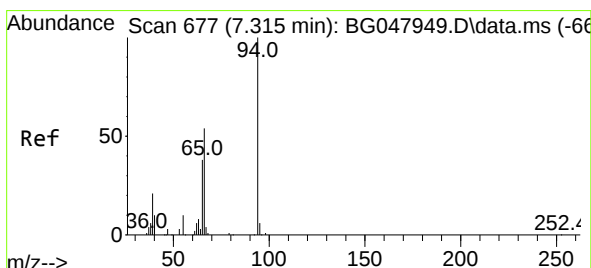
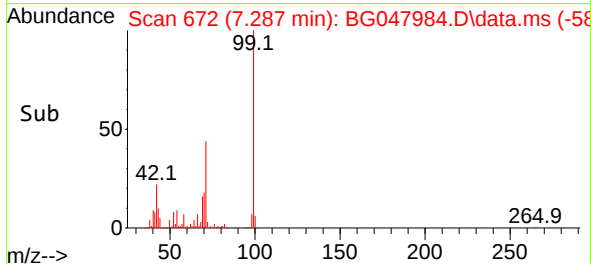
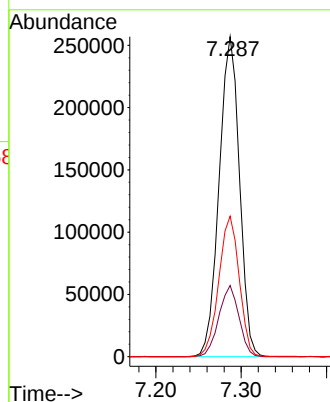
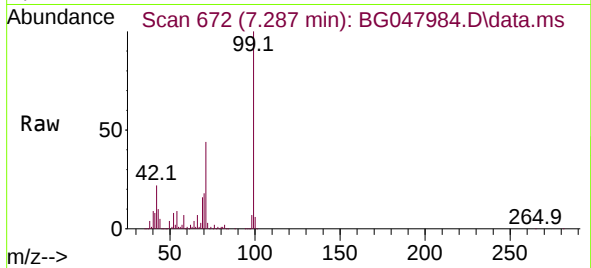
#7
Phenol-d6
Concen: 88.59 ng
RT: 7.287 min Scan# 672
Delta R.T. -0.005 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00

Tgt Ion	Ratio	Lower	Upper
99	100		
42	22.2	12.8	19.2#
71	43.9	24.6	36.8#

Instrument :
BNA_G
ClientSampleId :
PILE-1-(0.5-1.0)

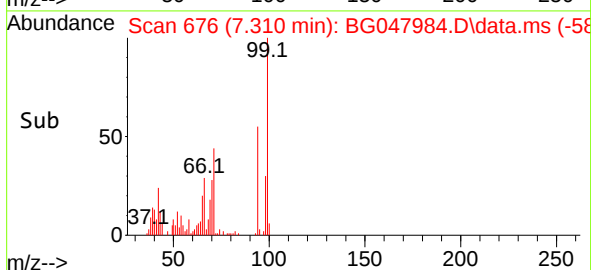
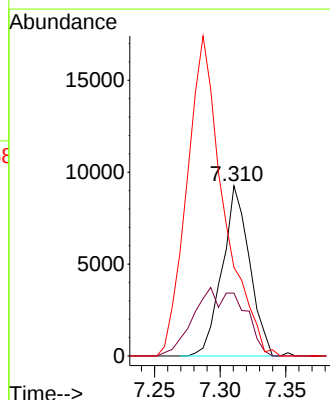
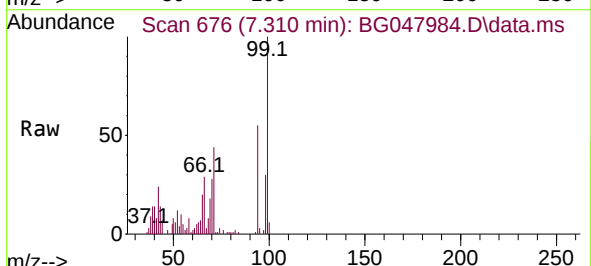
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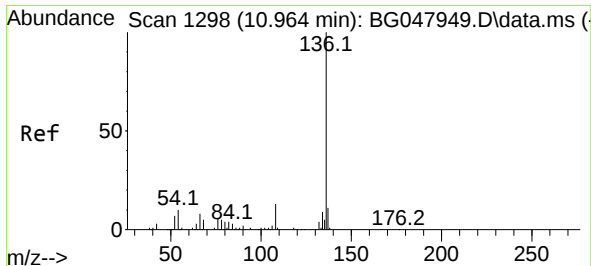
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#10
Phenol
Concen: 2.94 ng
RT: 7.310 min Scan# 676
Delta R.T. -0.005 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.0	6.6	46.6
66	52.0	13.9	53.9





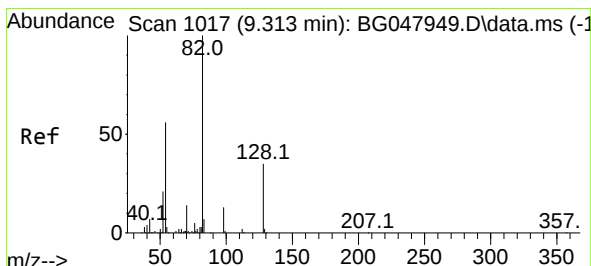
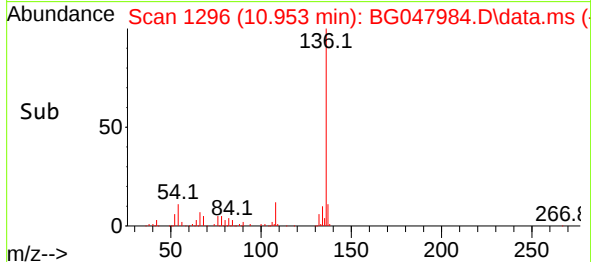
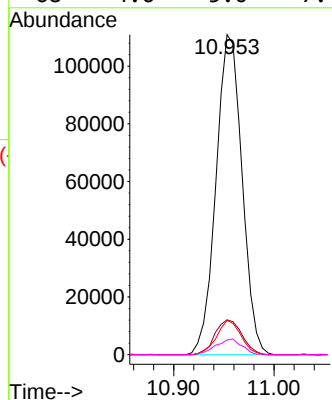
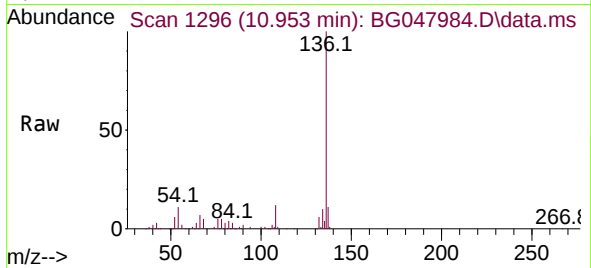
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.953 min Scan# 1296
Delta R.T. -0.011 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00

Tgt Ion:	136	Resp:	199744
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.1	13.7
54	10.7	6.2	9.4#
68	4.6	5.0	7.4#

Instrument :
BNA_G
ClientSampleId :
PILE-1-(0.5-1.0)

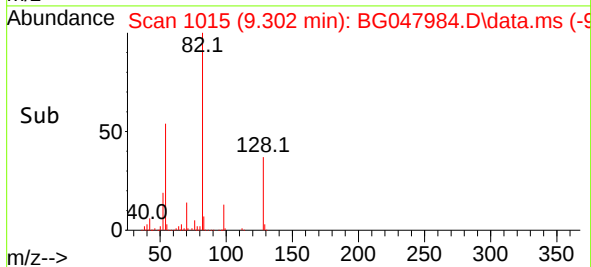
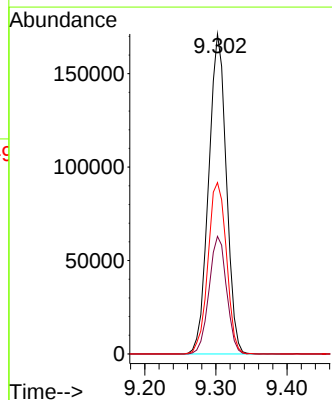
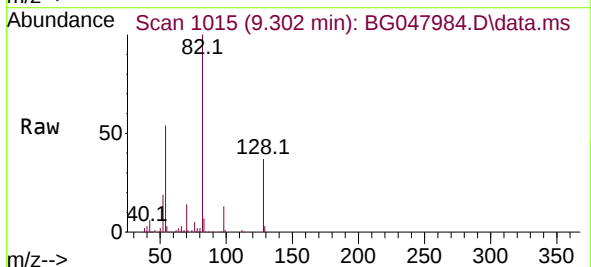
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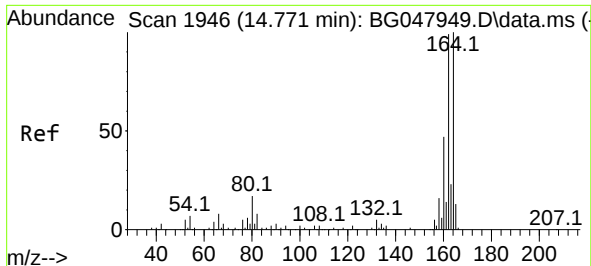
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#23
Nitrobenzene-d5
Concen: 65.16 ng
RT: 9.302 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00

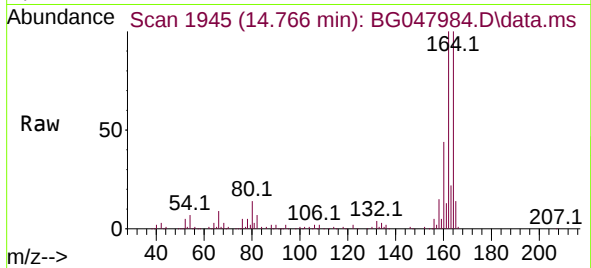
Tgt Ion:	82	Resp:	295975
Ion Ratio	Lower	Upper	
82	100		
128	36.7	37.0	55.6#
54	53.5	39.0	58.4





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.766 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00

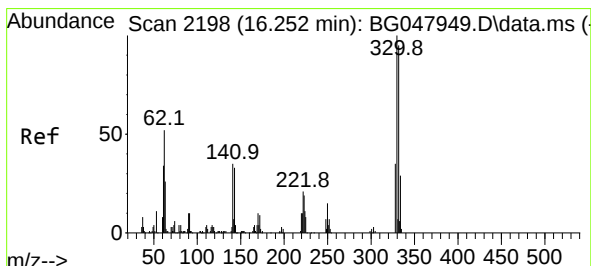
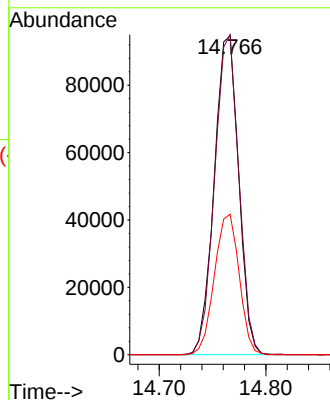
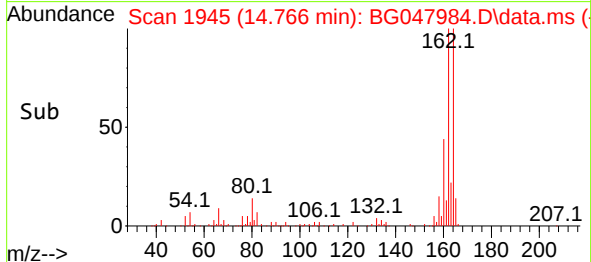
Instrument :
BNA_G
ClientSampleId :
PILE-1-(0.5-1.0)



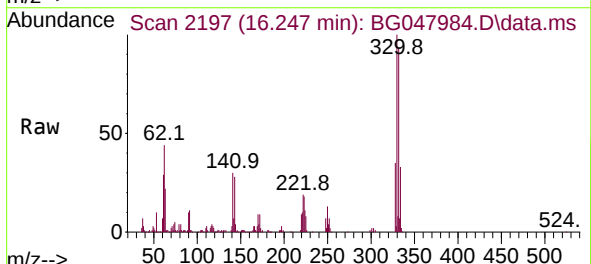
Tgt Ion:164 Resp: 150621
Ion Ratio Lower Upper
164 100
162 100.3 82.3 123.5
160 44.1 35.3 52.9

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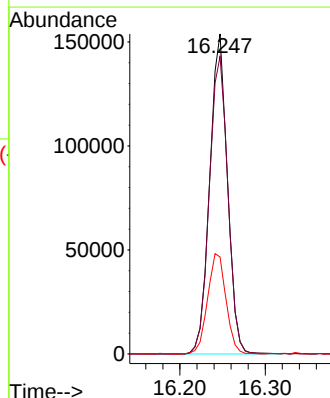
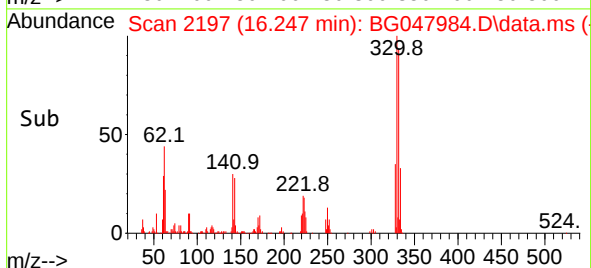
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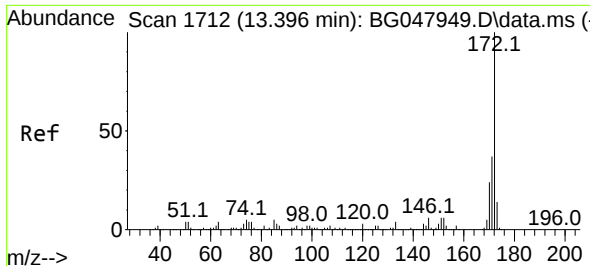


#42
2,4,6-Tribromophenol
Concen: 91.88 ng
RT: 16.247 min Scan# 2197
Delta R.T. -0.005 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00



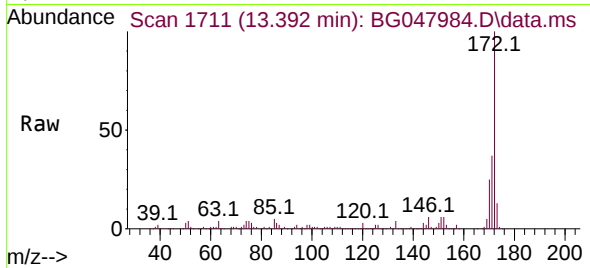
Tgt Ion:330 Resp: 221458
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 32.7 26.0 39.0





#45
2-Fluorobiphenyl
Concen: 56.02 ng
RT: 13.392 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00

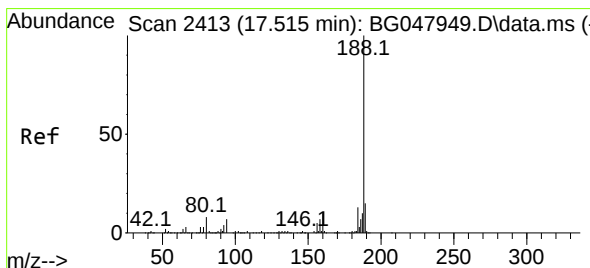
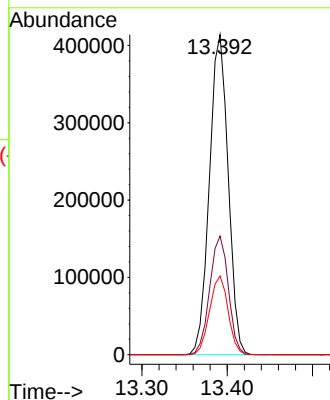
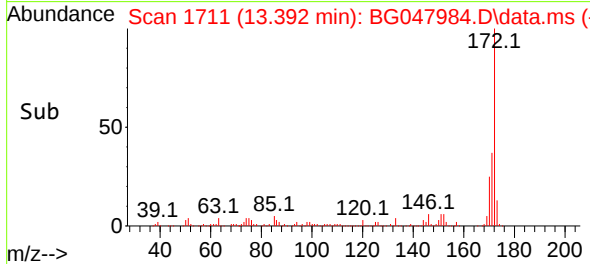
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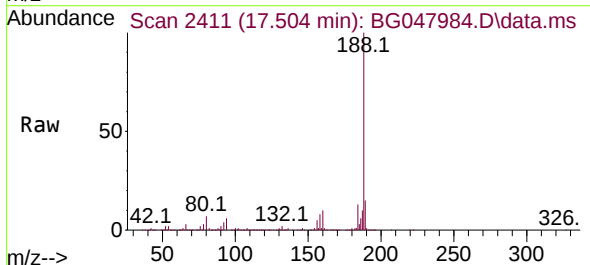
Tgt Ion:172 Resp: 631767
Ion Ratio Lower Upper
172 100
171 37.1 31.3 46.9
170 24.6 20.8 31.2

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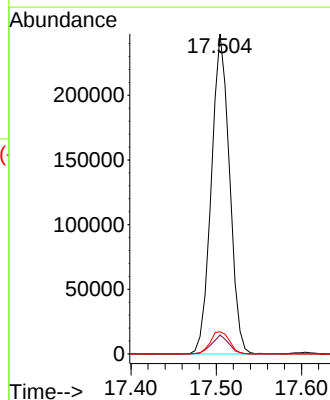
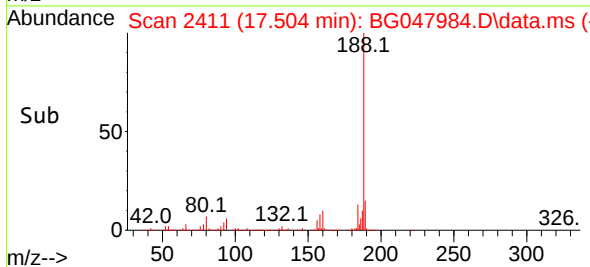
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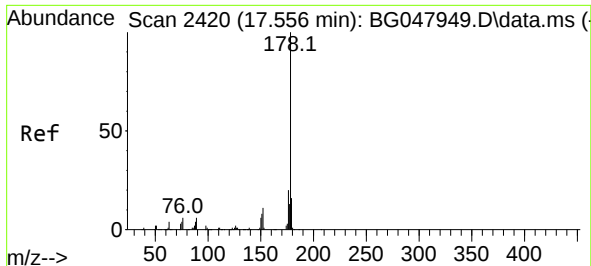


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.504 min Scan# 2411
Delta R.T. -0.011 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00



Tgt Ion:188 Resp: 365617
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 6.9 7.0 10.6#





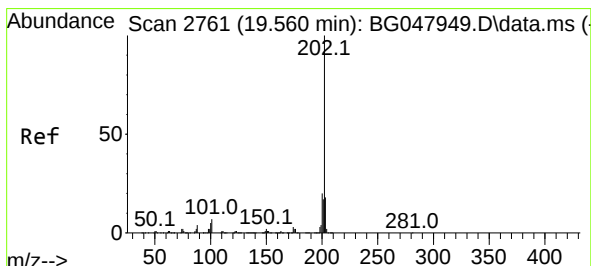
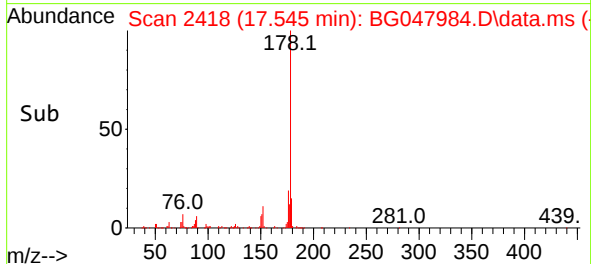
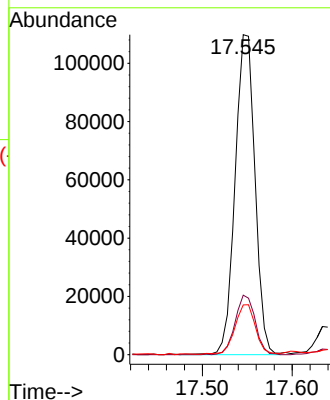
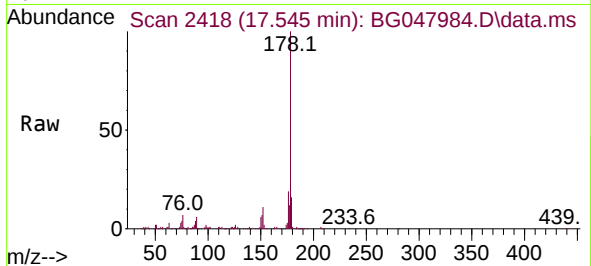
#71
Phenanthrene
Concen: 8.53 ng
RT: 17.545 min Scan# 2418
Delta R.T. -0.011 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00

Tgt Ion:178 Resp: 168657
Ion Ratio Lower Upper
178 100
176 18.6 16.7 25.1
179 15.5 14.0 21.0

Instrument :
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ClientSampleId :
PILE-1-(0.5-1.0)

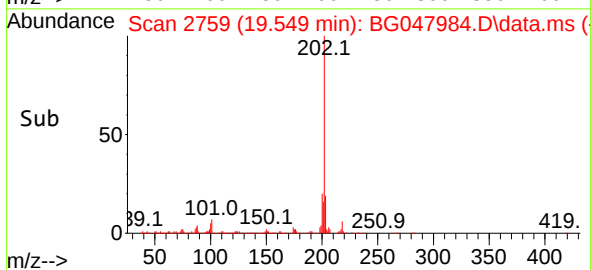
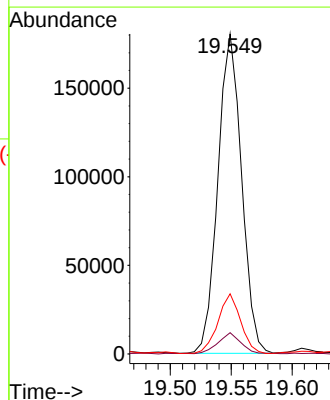
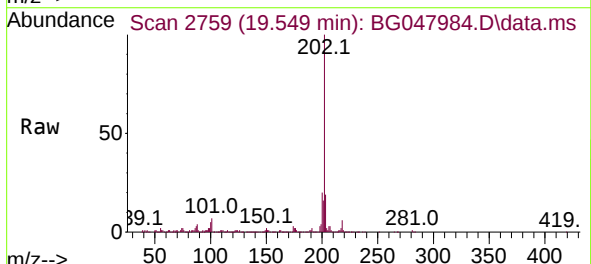
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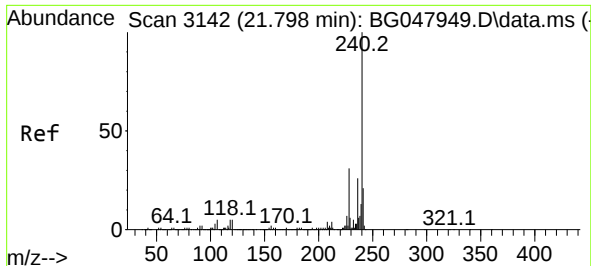
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#75
Fluoranthene
Concen: 9.26 ng
RT: 19.549 min Scan# 2759
Delta R.T. -0.011 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00

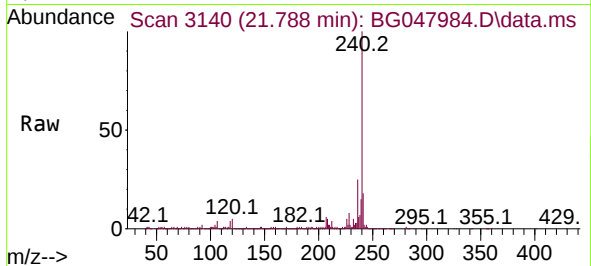
Tgt Ion:202 Resp: 243683
Ion Ratio Lower Upper
202 100
101 6.6 0.0 29.7
203 18.8 0.0 39.2





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.788 min Scan# 3140
Delta R.T. -0.011 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00

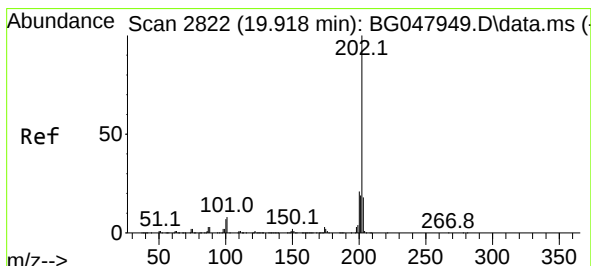
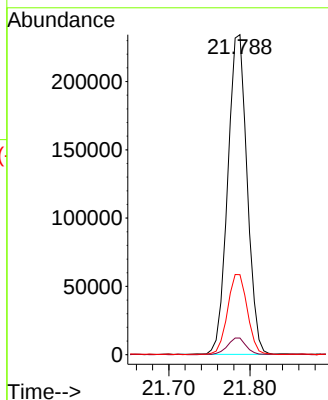
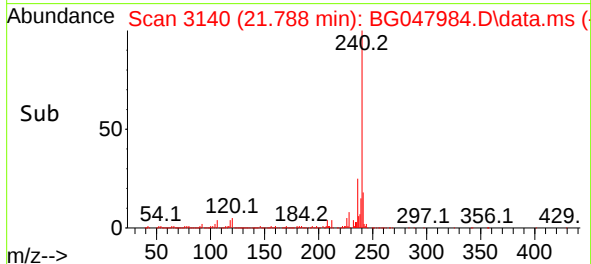
Instrument :
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PILE-1-(0.5-1.0)



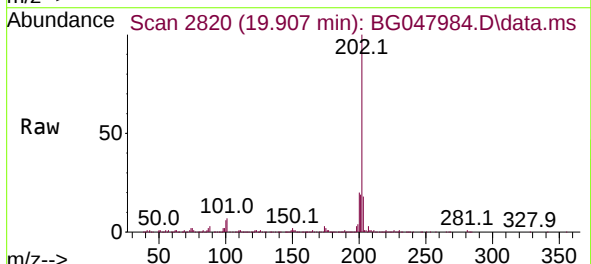
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Ion Ratio Lower Upper
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120 5.2 6.2 9.4#
236 25.0 20.5 30.7

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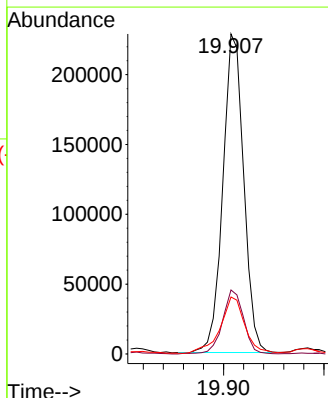
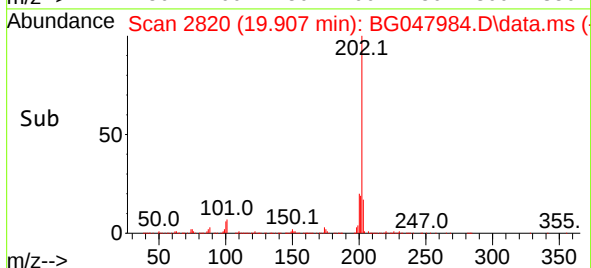
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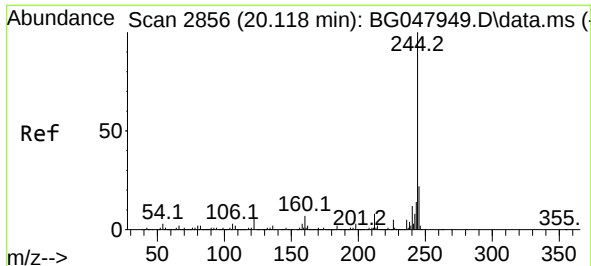


#78
Pyrene
Concen: 12.53 ng
RT: 19.907 min Scan# 2820
Delta R.T. -0.011 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00



Tgt Ion:202 Resp: 328236
Ion Ratio Lower Upper
202 100
200 20.0 18.6 27.8
203 17.8 15.3 22.9





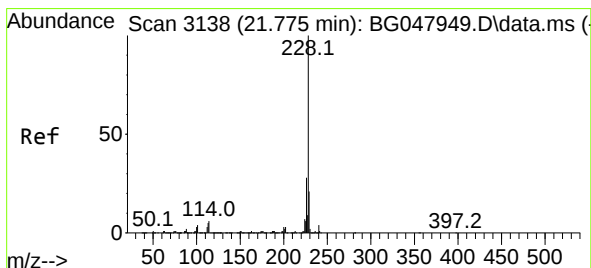
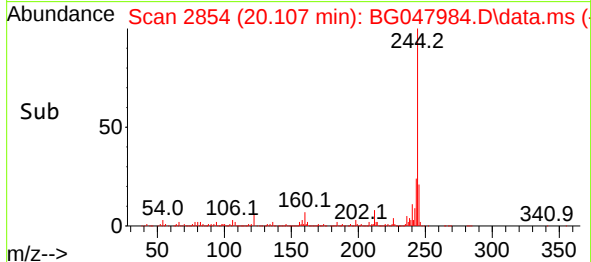
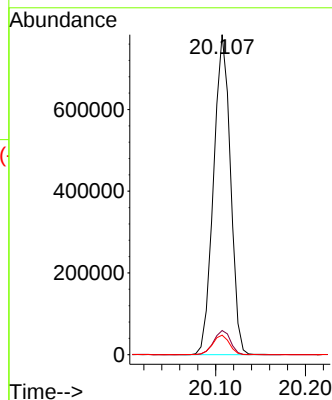
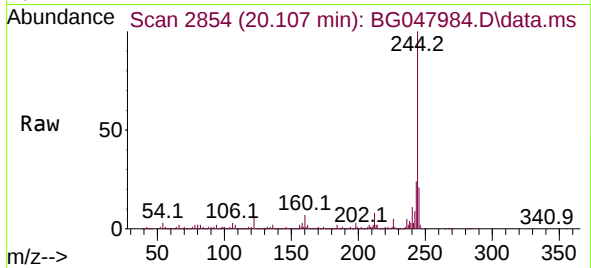
#79
 Terphenyl-d14
 Concen: 48.83 ng
 RT: 20.107 min Scan# 2854
 Delta R.T. -0.011 min
 Lab File: BG047984.D
 Acq: 22 Jan 2021 19:00

Tgt Ion:244 Resp: 1022650
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.7 10.1
 122 6.1 7.8 11.6#

Instrument :
 BNA_G
 ClientSampleId :
 PILE-1-(0.5-1.0)

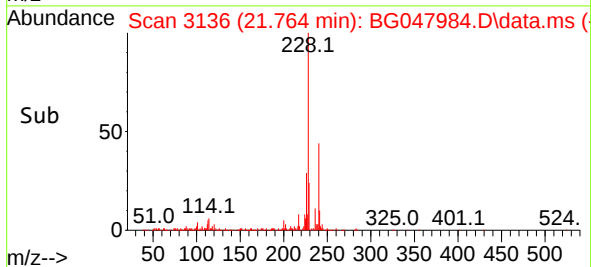
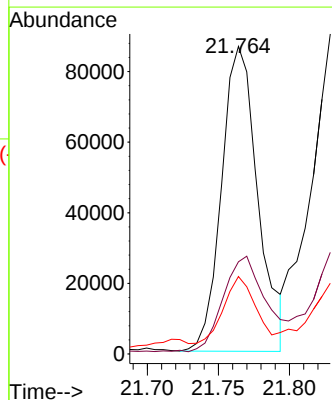
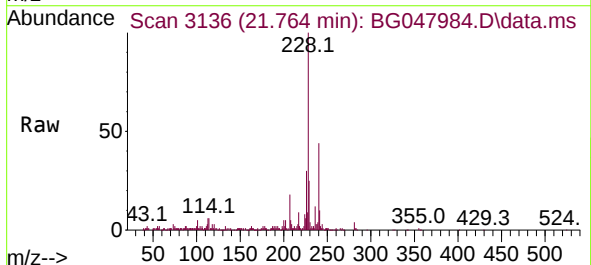
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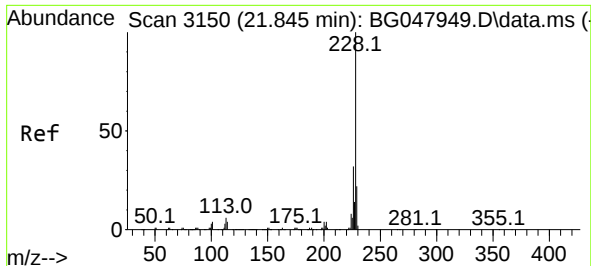
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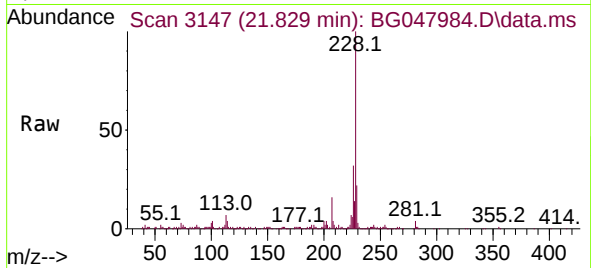
#81
 Benzo(a)anthracene
 Concen: 5.75 ng
 RT: 21.764 min Scan# 3136
 Delta R.T. -0.011 min
 Lab File: BG047984.D
 Acq: 22 Jan 2021 19:00

Tgt Ion:228 Resp: 153655
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.3 34.9
 229 25.2 17.4 26.0

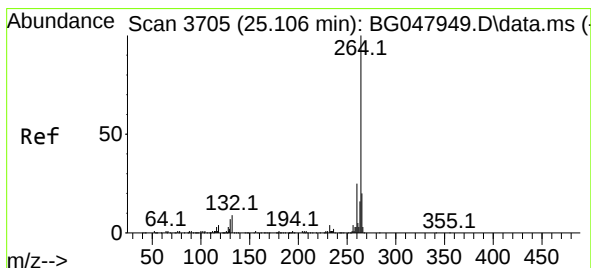
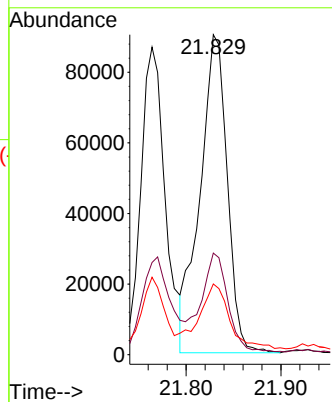
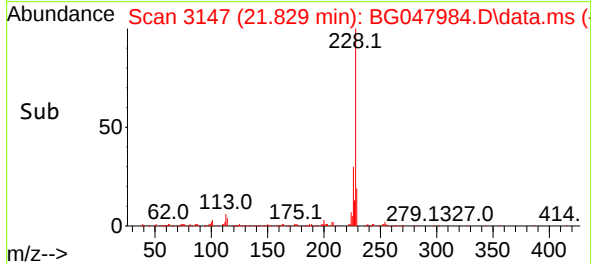




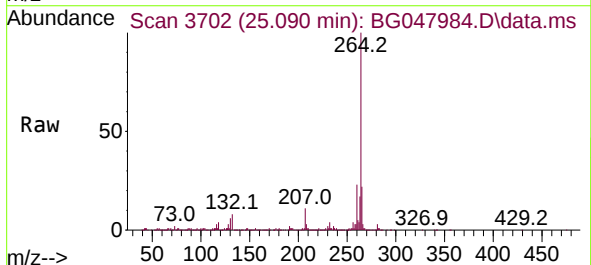
#83
Chrysene
Concen: 7.03 ng
RT: 21.829 min Scan# 3147
Delta R.T. -0.017 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00



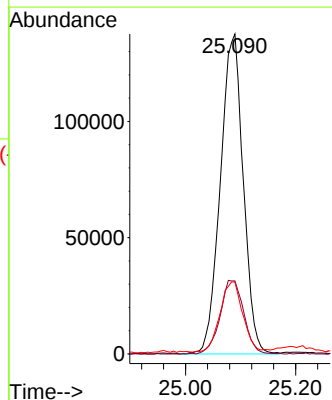
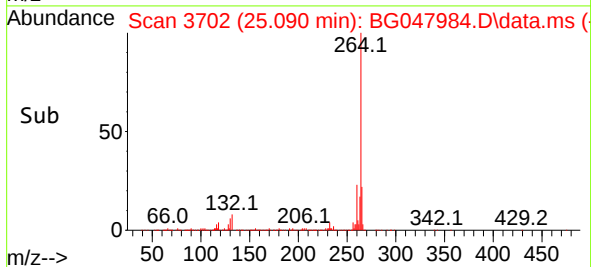
Tgt Ion:228 Resp: 180088
Ion Ratio Lower Upper
228 100
226 31.8 25.0 37.4
229 22.1 17.3 25.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.090 min Scan# 3702
Delta R.T. -0.017 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00



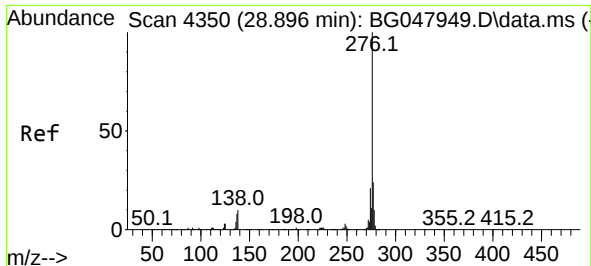
Tgt Ion:264 Resp: 397132
Ion Ratio Lower Upper
264 100
260 22.9 18.8 28.2
265 22.5 17.8 26.8



Instrument :
BNA_G
ClientSampleId :
PILE-1-(0.5-1.0)

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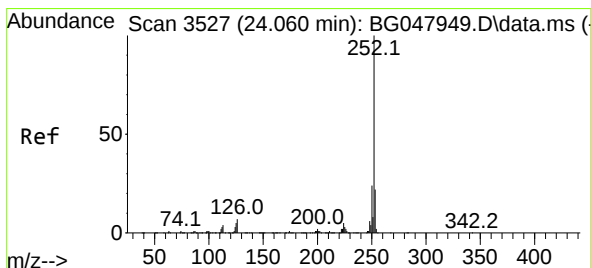
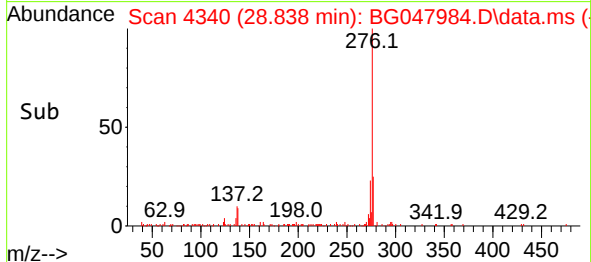
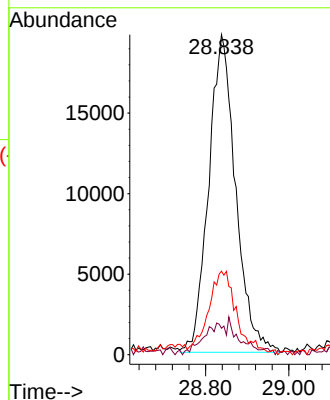
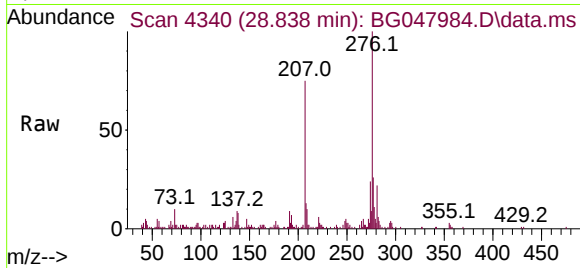
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.93 ng
 RT: 28.838 min Scan# 4340
 Delta R.T. -0.058 min
 Lab File: BG047984.D
 Acq: 22 Jan 2021 19:00

Tgt Ion: 276 Resp: 88965
 Ion Ratio Lower Upper
 276 100
 138 7.9 16.2 24.2#
 277 25.6 20.3 30.5

Instrument :
 BNA_G
 ClientSampleId :
 PILE-1-(0.5-1.0)

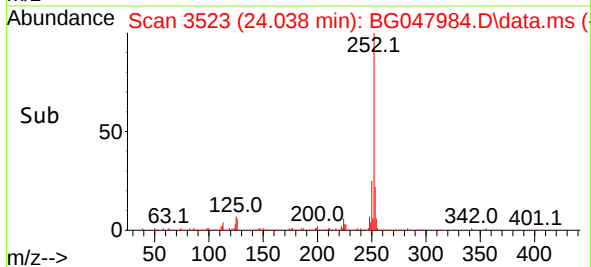
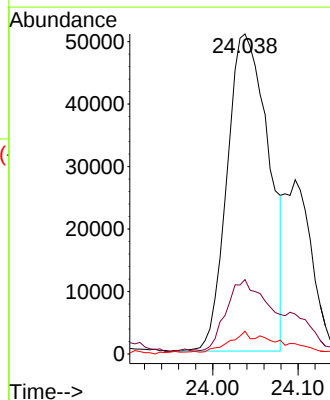
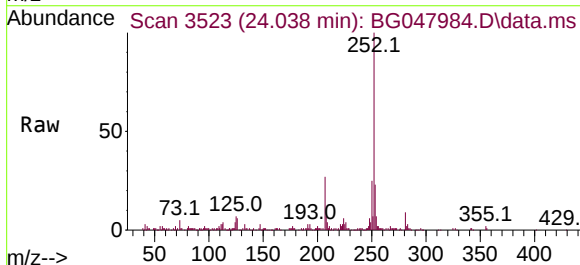
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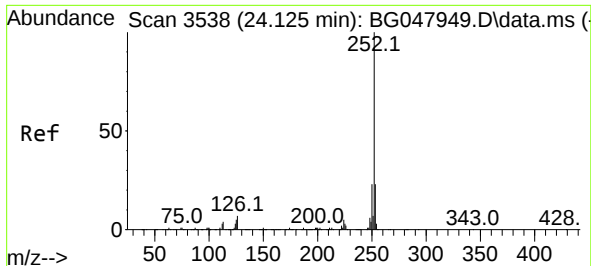
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#88
 Benzo(b)fluoranthene
 Concen: 6.51 ng
 RT: 24.038 min Scan# 3523
 Delta R.T. -0.022 min
 Lab File: BG047984.D
 Acq: 22 Jan 2021 19:00

Tgt Ion: 252 Resp: 172047
 Ion Ratio Lower Upper
 252 100
 253 23.2 18.7 28.1
 125 7.1 6.5 9.7





#89

Benzo(k)fluoranthene

Concen: 2.34 ng m

RT: 24.097 min Scan# 3533

Delta R.T. -0.028 min

Lab File: BG047984.D

Acq: 22 Jan 2021 19:00

Tgt Ion:252	Resp:	60133
Ion Ratio	Lower	Upper
252	100	
253	22.9	18.6 27.8
125	5.9	6.8 10.2#

Instrument :

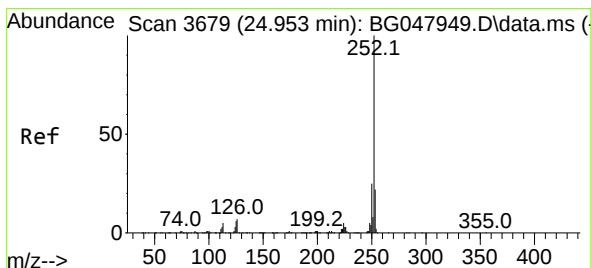
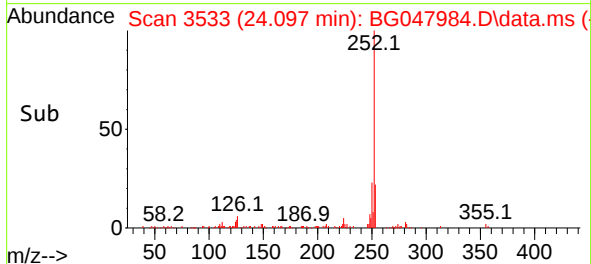
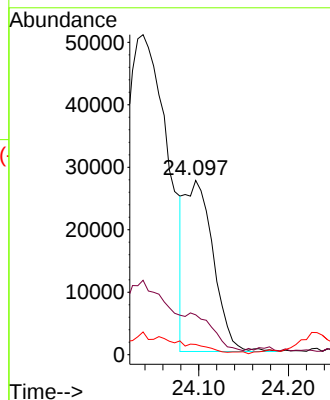
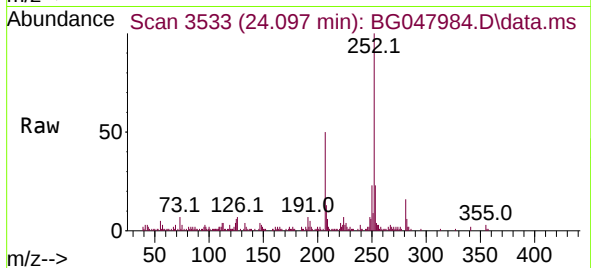
BNA_G

ClientSampleId :

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#90

Benzo(a)pyrene

Concen: 5.39 ng m

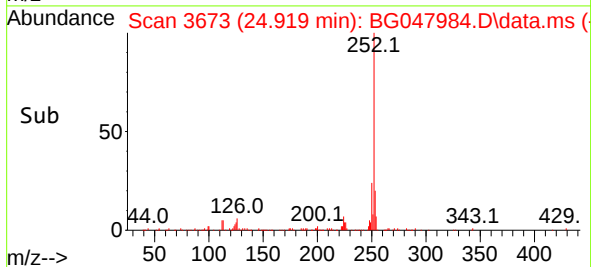
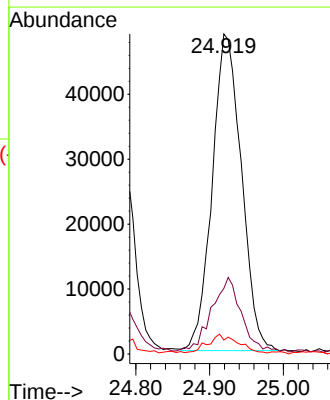
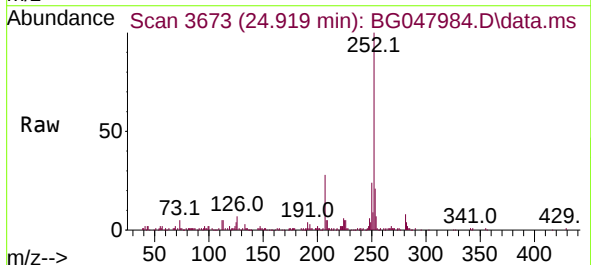
RT: 24.919 min Scan# 3673

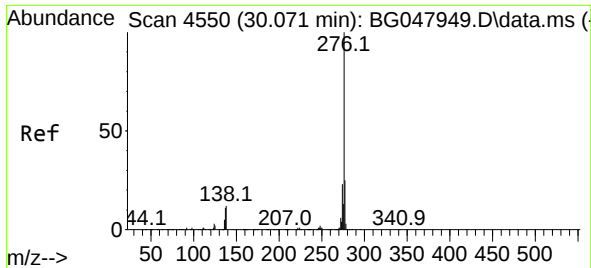
Delta R.T. -0.034 min

Lab File: BG047984.D

Acq: 22 Jan 2021 19:00

Tgt Ion:252	Resp:	134203
Ion Ratio	Lower	Upper
252	100	
253	20.5	17.9 26.9
125	4.3	7.0 10.4#





#92
Benzo(g,h,i)perylene
Concen: 3.99 ng
RT: 30.001 min Scan# 4538
Delta R.T. -0.069 min
Lab File: BG047984.D
Acq: 22 Jan 2021 19:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.8	19.6	29.4
138	12.9	13.4	20.2#

Instrument :
BNA_G
ClientSampleId :
PILE-1-(0.5-1.0)

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