

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047971.D
 Acq On : 22 Jan 2021 2:48
 Operator : CG/JU
 Sample : M1152-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-EF-01-017-ABCD

Manual Integrations
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Quant Time: Jan 22 03:24:21 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	8.143	152	55781	20.00	ng	0.00
21) Naphthalene-d8	10.963	136	219021	20.00	ng	0.00
39) Acenaphthene-d10	14.771	164	156067	20.00	ng	0.00
64) Phenanthrene-d10	17.509	188	356030	20.00	ng	# 0.00
76) Chrysene-d12	21.792	240	362864	20.00	ng	# 0.00
86) Perylene-d12	25.094	264	374132	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	299035	87.43	ng	0.00
7) Phenol-d6	7.291	99	416863	80.74	ng	0.00
23) Nitrobenzene-d5	9.306	82	286098	57.44	ng	0.00
42) 2,4,6-Tribromophenol	16.251	330	209213	83.77	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	656076	56.14	ng	0.00
79) Terphenyl-d14	20.111	244	967983	49.32	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	14.212	163	52575	3.88	ng	97
75) Fluoranthene	19.553	202	106002	4.14	ng	94
78) Pyrene	19.912	202	100336	4.09	ng	94
81) Benzo(a)anthracene	21.774	228	66985	2.67	ng	99
83) Chrysene	21.839	228	61364	2.56	ng	97
88) Benzo(b)fluoranthene	24.048	252	93114m	3.74	ng	
90) Benzo(a)pyrene	24.941	252	64129m	2.73	ng	
92) Benzo(g,h,i)perylene	30.035	276	53092	2.33	ng	97

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

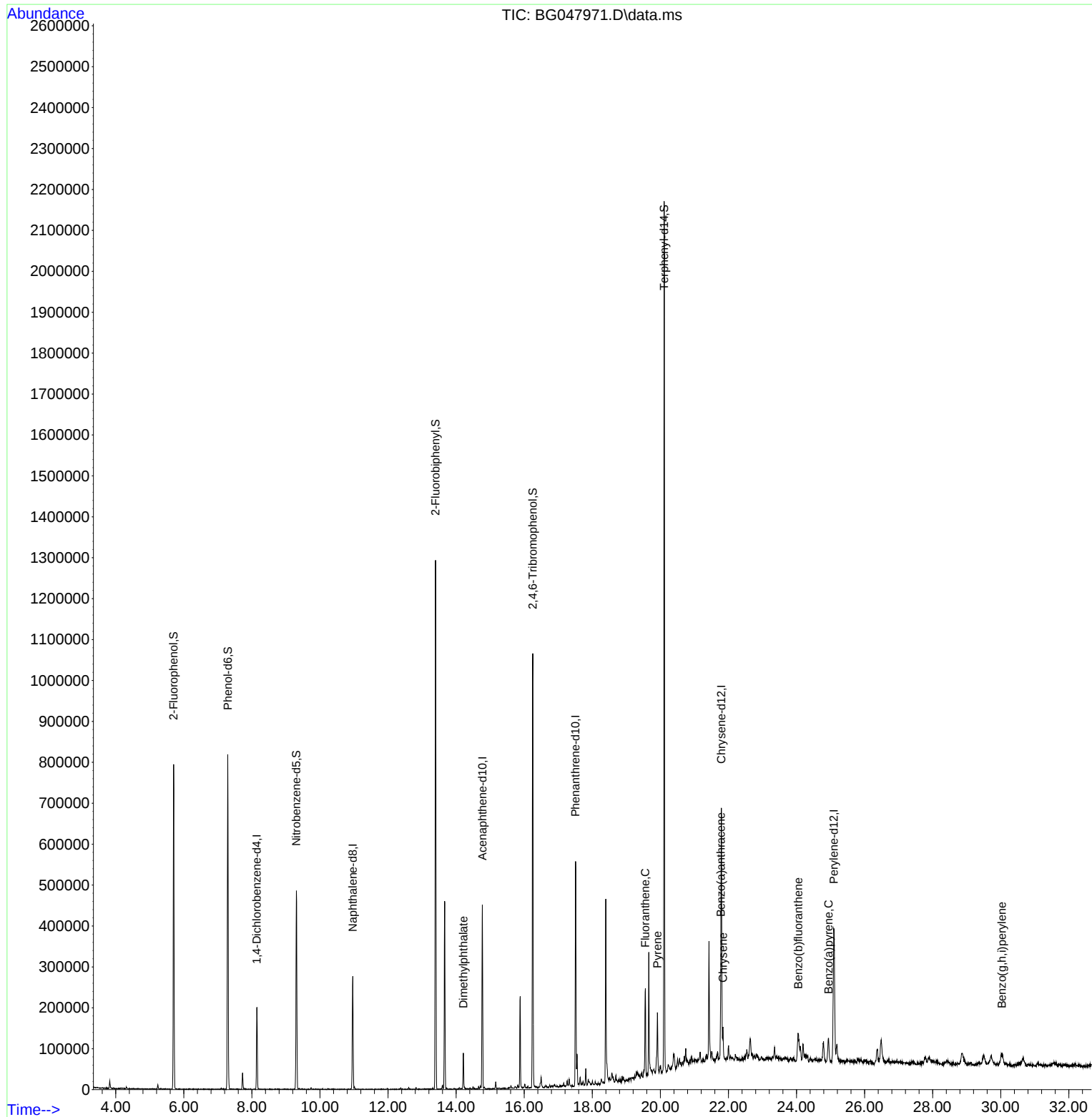
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Data File : BG047971.D
Acq On : 22 Jan 2021 2:48
Operator : CG/JU
Sample : M1152-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

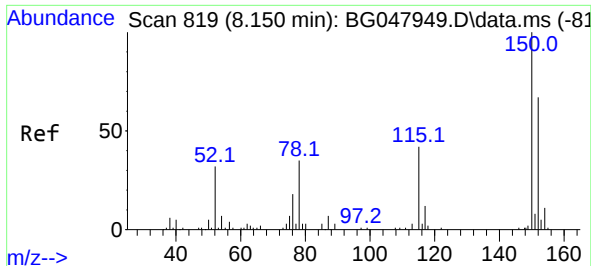
Instrument :
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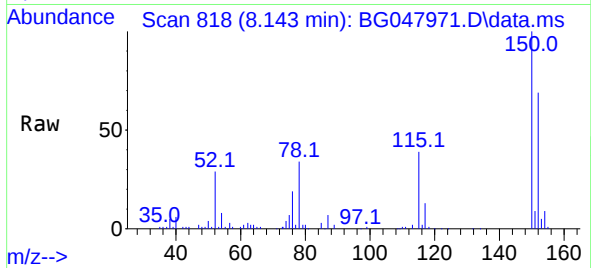
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
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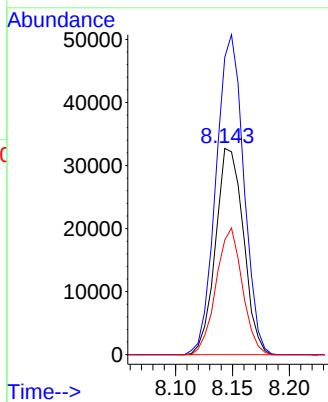
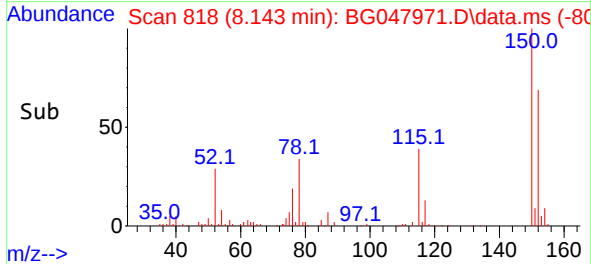




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.143 min Scan# 818
Delta R.T. -0.007 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48



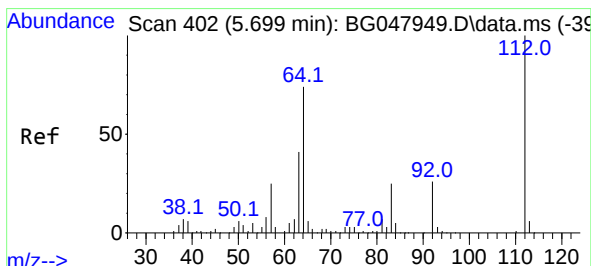
Tgt Ion:152 Resp: 55781
Ion Ratio Lower Upper
152 100
150 144.1 125.0 187.6
115 55.6 41.8 62.6



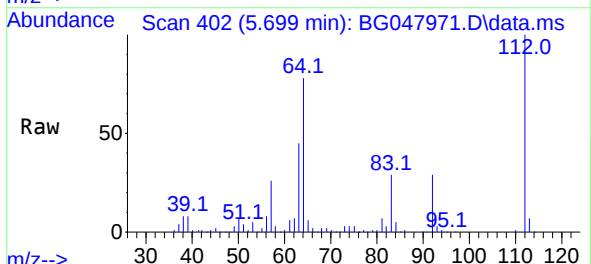
Instrument :
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ClientSampleId :
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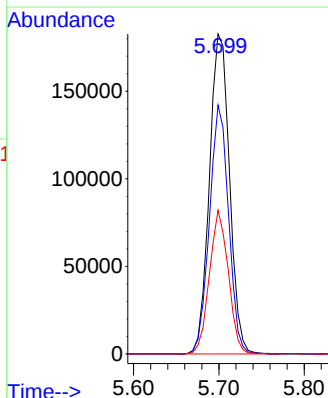
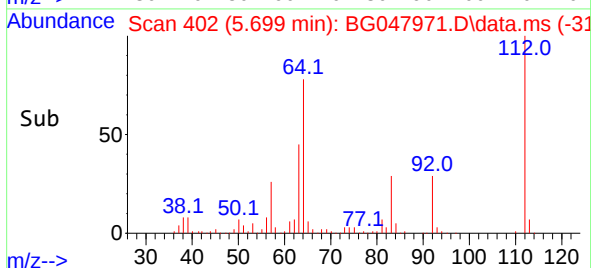
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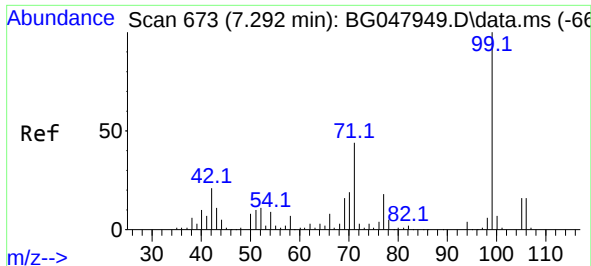


#5
2-Fluorophenol
Concen: 87.43 ng
RT: 5.699 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

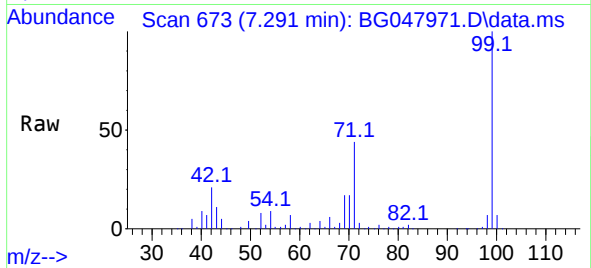


Tgt Ion:112 Resp: 299035
Ion Ratio Lower Upper
112 100
64 77.8 46.7 70.1#
63 44.9 22.8 34.2#

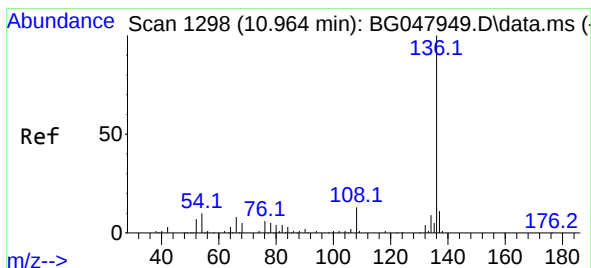
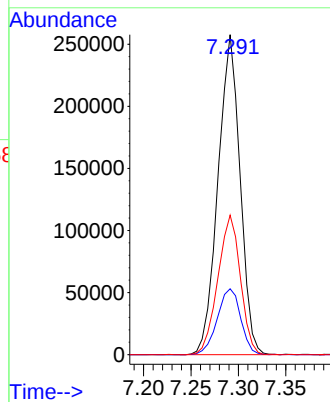
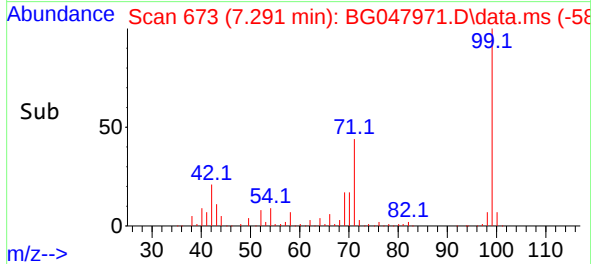




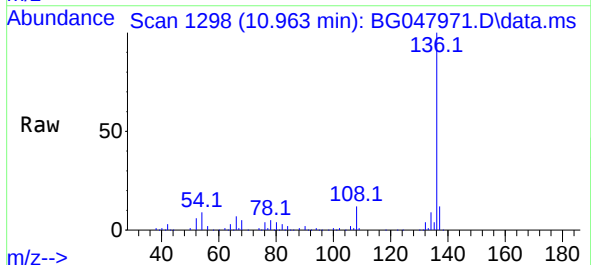
#7
Phenol-d6
Concen: 80.74 ng
RT: 7.291 min Scan# 673
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48



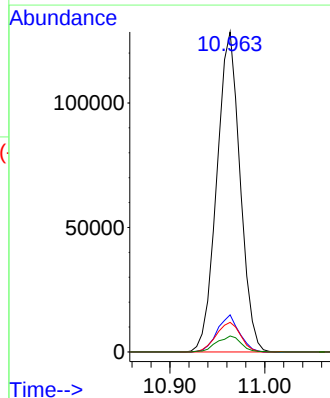
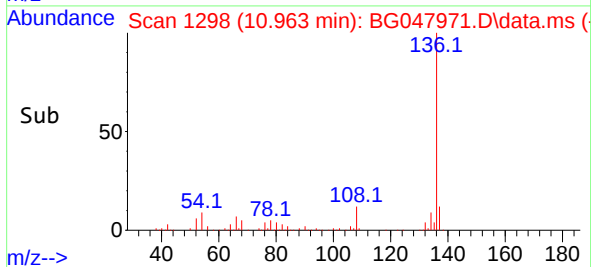
Tgt Ion: 99 Resp: 416863
Ion Ratio Lower Upper
99 100
42 20.6 12.8 19.2#
71 43.6 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.963 min Scan# 1298
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48



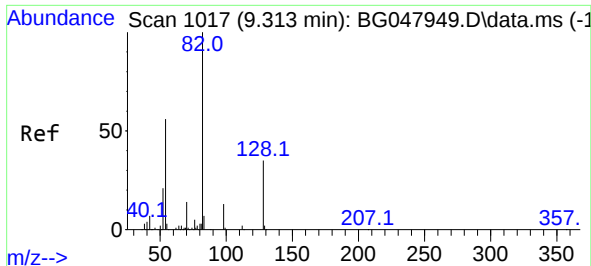
Tgt Ion: 136 Resp: 219021
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 9.3 6.2 9.4
68 5.0 5.0 7.4



Instrument :
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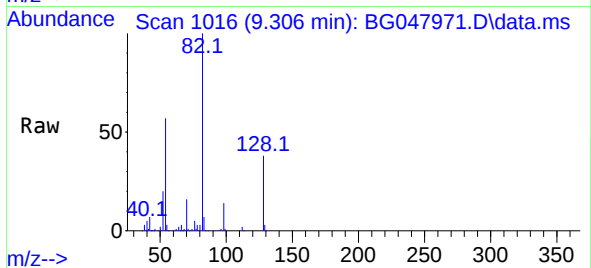
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#23
Nitrobenzene-d5
Concen: 57.44 ng
RT: 9.306 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

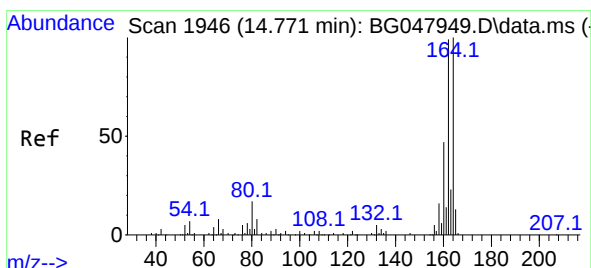
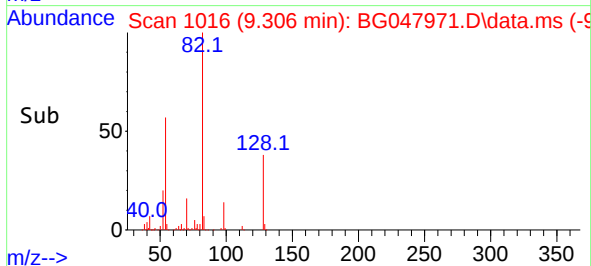
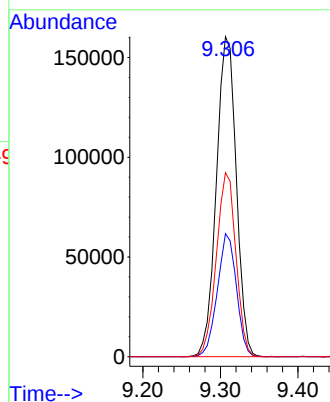
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 82 Resp: 286098
Ion Ratio Lower Upper
82 100
128 38.5 37.0 55.6
54 57.5 39.0 58.4

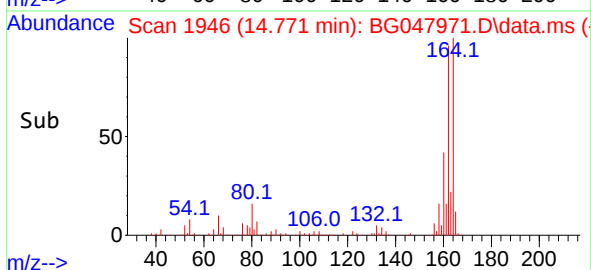
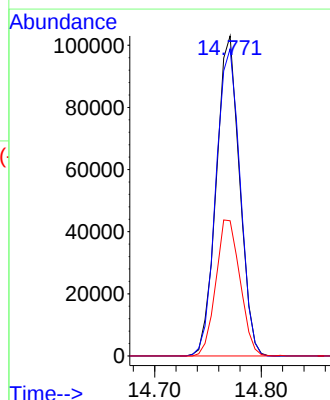
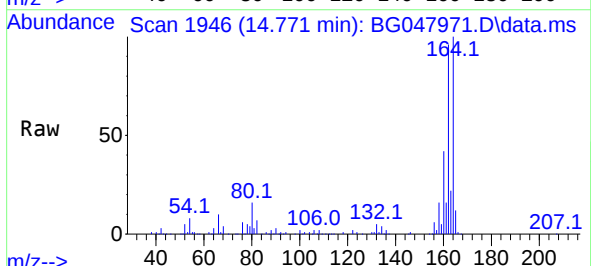
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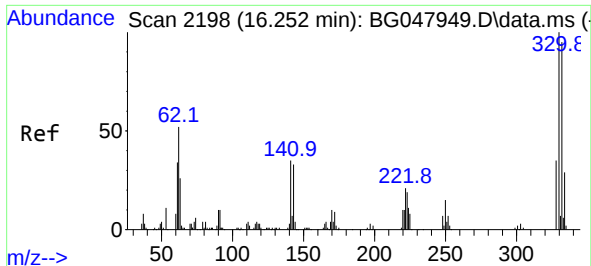
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.771 min Scan# 1946
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

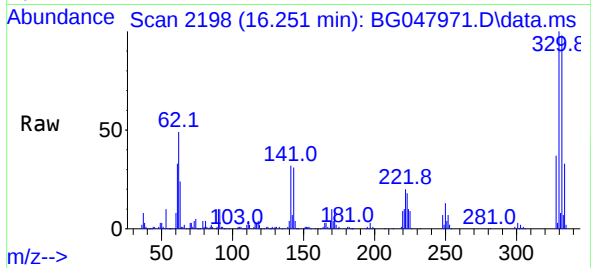
Tgt Ion: 164 Resp: 156067
Ion Ratio Lower Upper
164 100
162 96.0 82.3 123.5
160 42.2 35.3 52.9





#42
2,4,6-Tribromophenol
Concen: 83.77 ng
RT: 16.251 min Scan# 2198
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

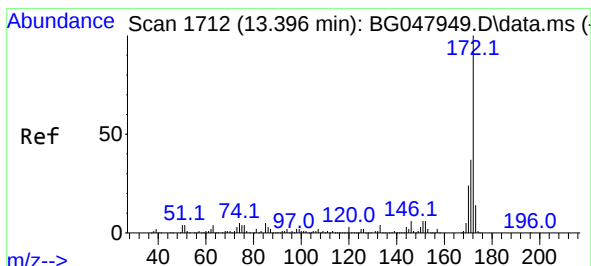
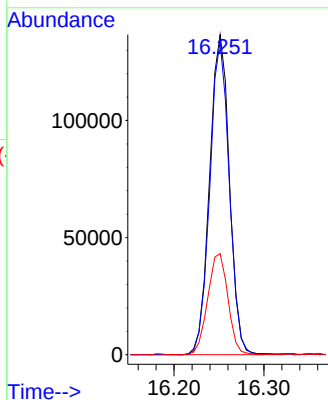
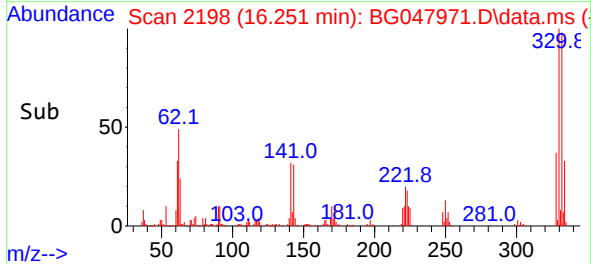
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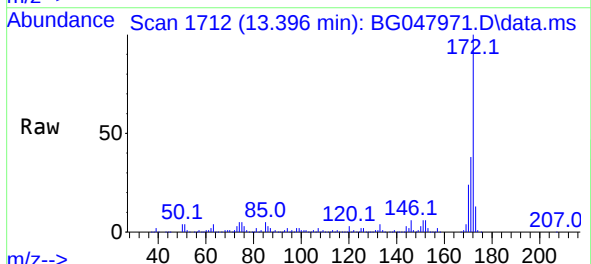
Tgt Ion:330 Resp: 209213
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 32.2 26.0 39.0

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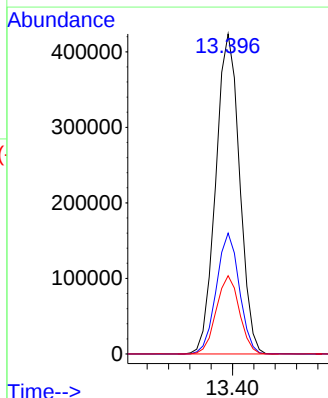
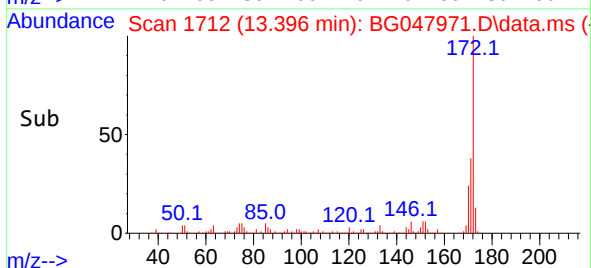
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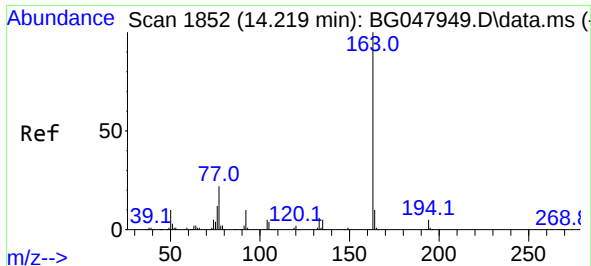


#45
2-Fluorobiphenyl
Concen: 56.14 ng
RT: 13.396 min Scan# 1712
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48



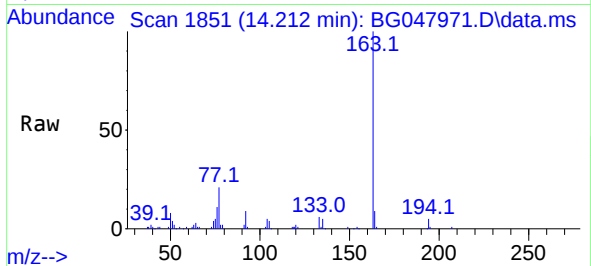
Tgt Ion:172 Resp: 656076
Ion Ratio Lower Upper
172 100
171 37.8 31.3 46.9
170 24.4 20.8 31.2





#50
Dimethylphthalate
Concen: 3.88 ng
RT: 14.212 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

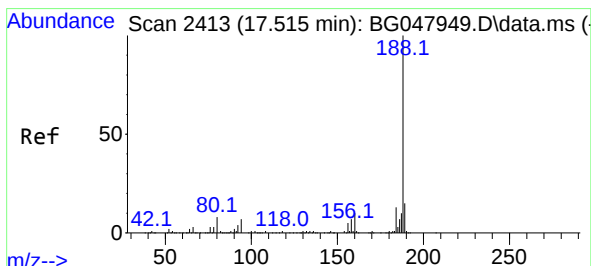
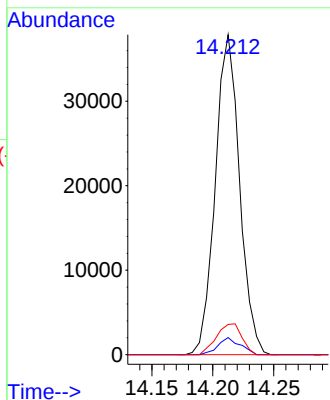
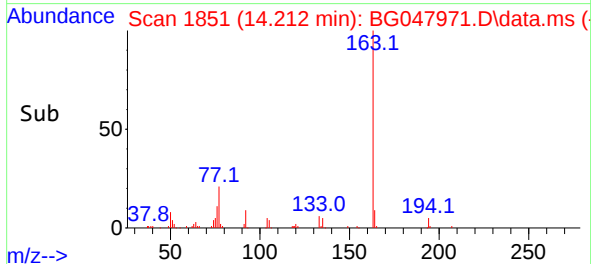
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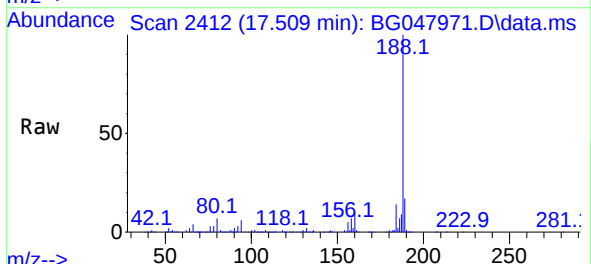
Tgt Ion:163 Resp: 52575
Ion Ratio Lower Upper
163 100
194 5.3 3.8 5.8
164 9.5 8.8 13.2

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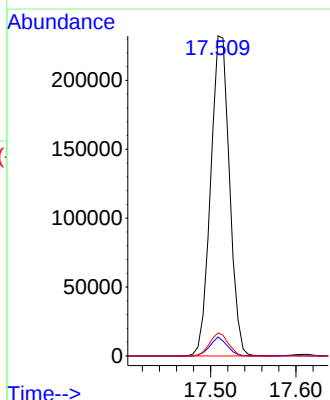
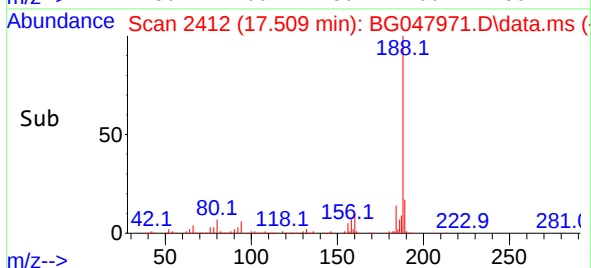
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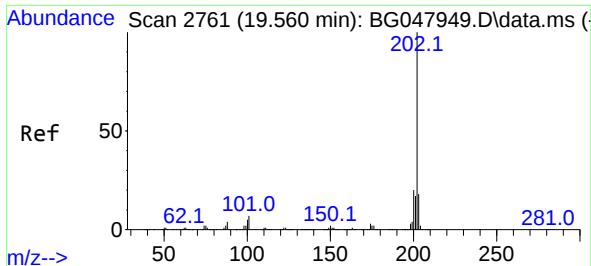


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.509 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48



Tgt Ion:188 Resp: 356030
Ion Ratio Lower Upper
188 100
94 6.0 6.3 9.5#
80 7.2 7.0 10.6





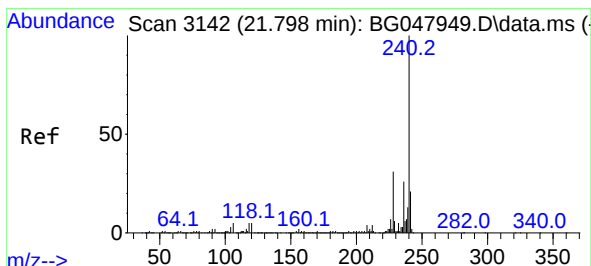
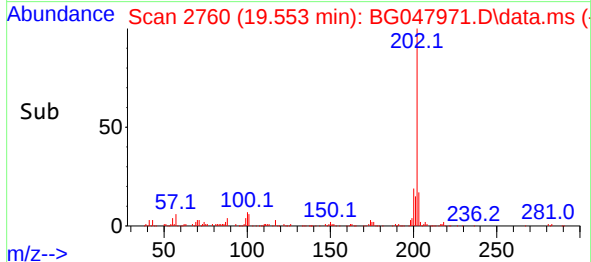
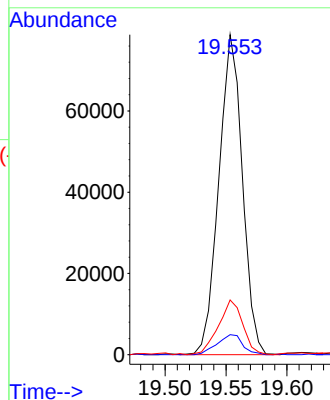
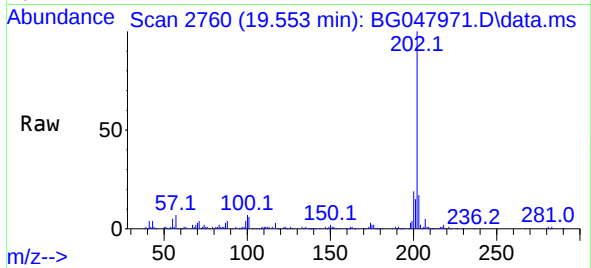
#75
Fluoranthene
Concen: 4.14 ng
RT: 19.553 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion:202 Resp: 106002
Ion Ratio Lower Upper
202 100
101 6.3 0.0 29.7
203 17.1 0.0 39.2

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FK-EF-01-017-ABCD

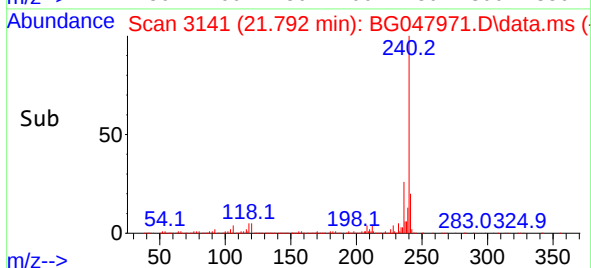
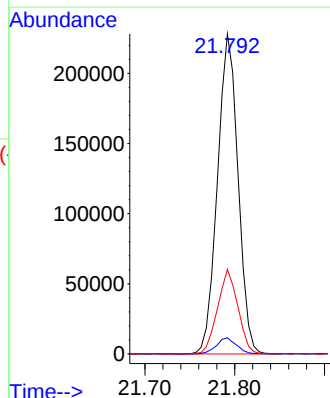
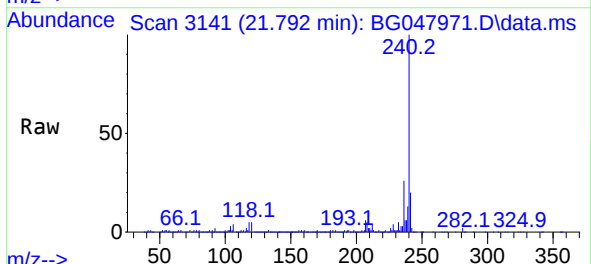
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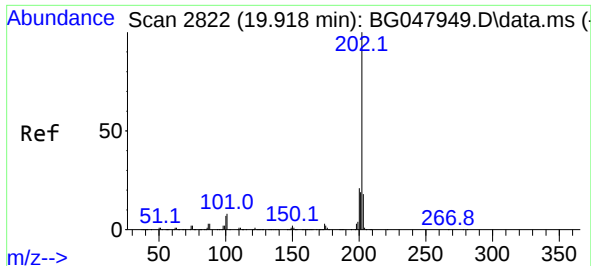
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.792 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion:240 Resp: 362864
Ion Ratio Lower Upper
240 100
120 5.1 6.2 9.4#
236 26.5 20.5 30.7





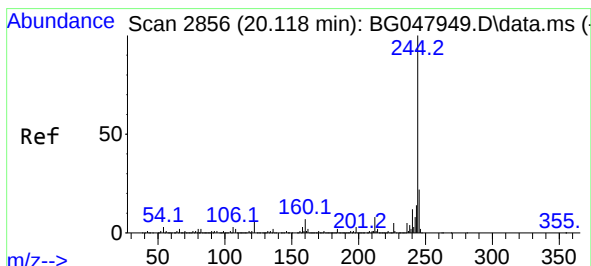
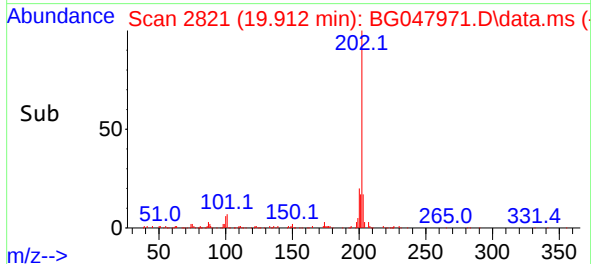
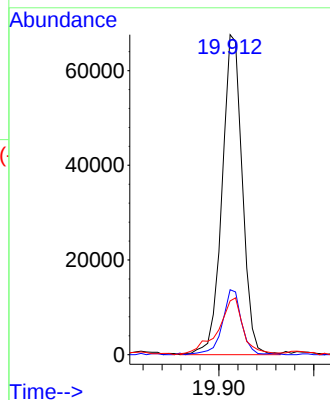
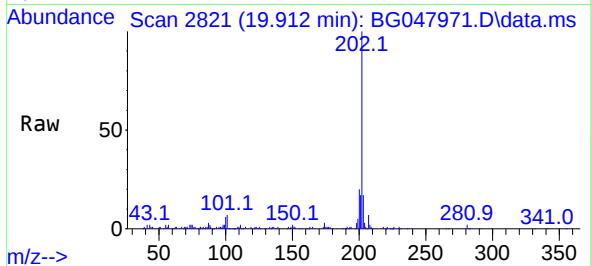
#78
Pyrene
Concen: 4.09 ng
RT: 19.912 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion:202	Resp:	100336
Ion Ratio	Lower	Upper
202	100	
200	20.3	18.6 27.8
203	16.8	15.3 22.9

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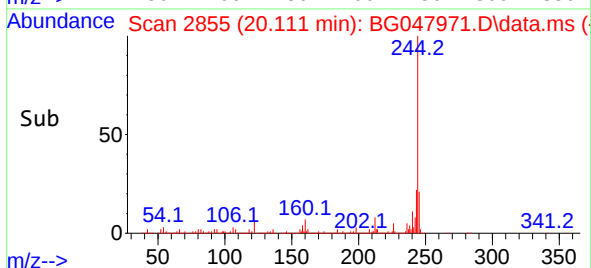
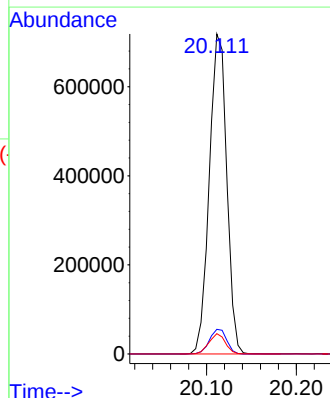
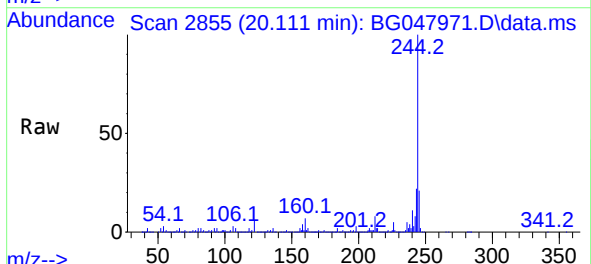
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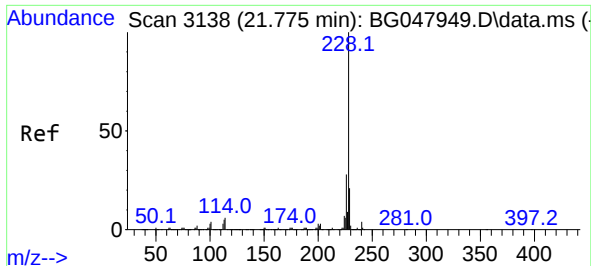
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#79
Terphenyl-d14
Concen: 49.32 ng
RT: 20.111 min Scan# 2855
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion:244	Resp:	967983
Ion Ratio	Lower	Upper
244	100	
212	7.7	6.7 10.1
122	6.4	7.8 11.6#





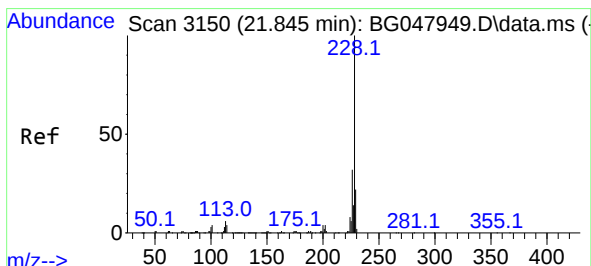
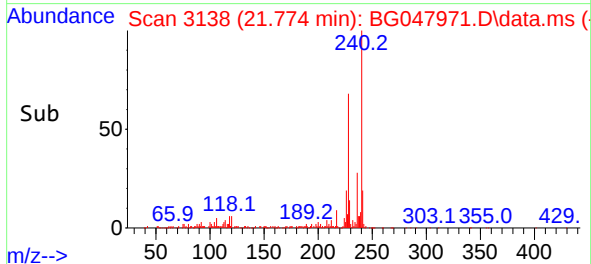
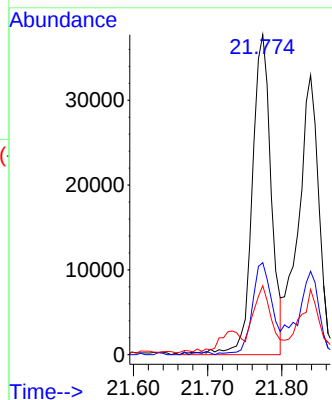
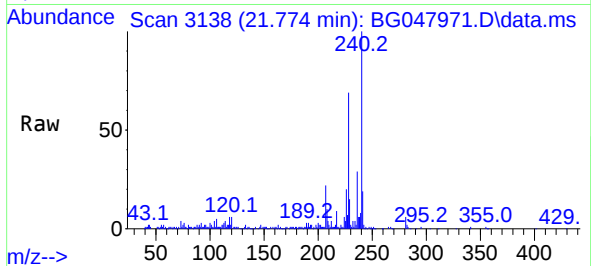
#81
Benzo(a)anthracene
Concen: 2.67 ng
RT: 21.774 min Scan# 3138
Delta R.T. -0.001 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion:228 Resp: 66985
Ion Ratio Lower Upper
228 100
226 28.7 23.3 34.9
229 21.5 17.4 26.0

Instrument :
BNA_G
ClientSampleId :
FK-EF-01-017-ABCD

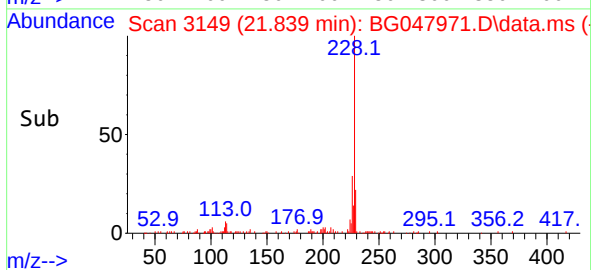
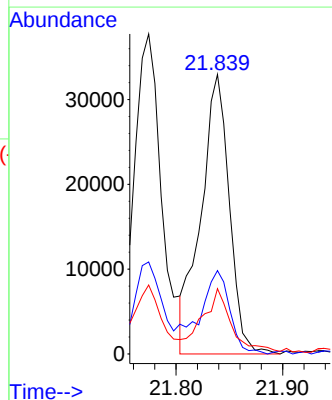
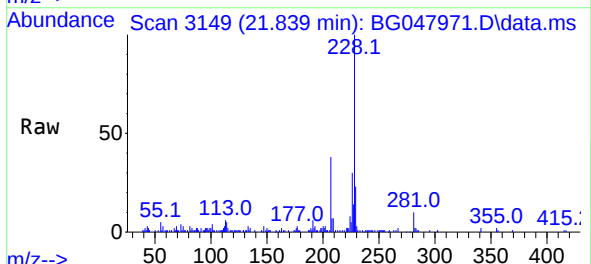
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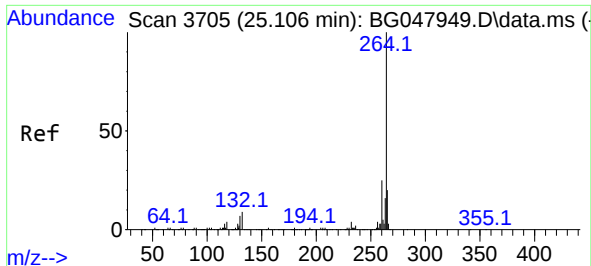
mohammad
1/22/2021 11:55:33 AM



#83
Chrysene
Concen: 2.56 ng
RT: 21.839 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion:228 Resp: 61364
Ion Ratio Lower Upper
228 100
226 29.8 25.0 37.4
229 23.4 17.3 25.9





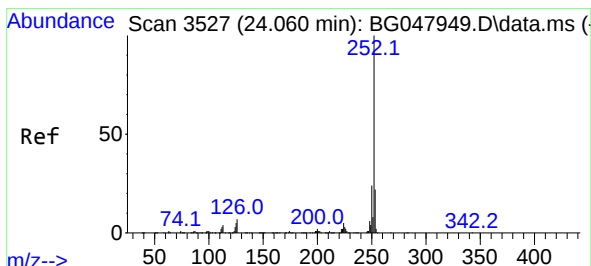
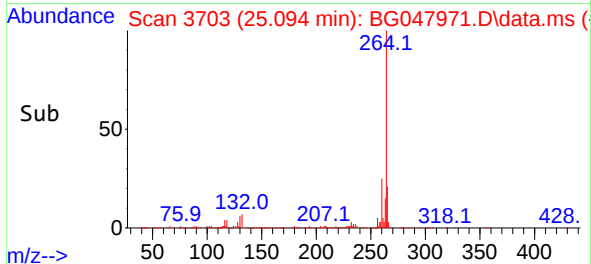
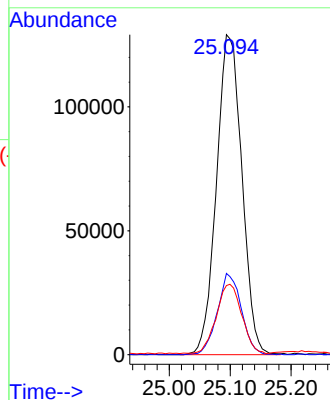
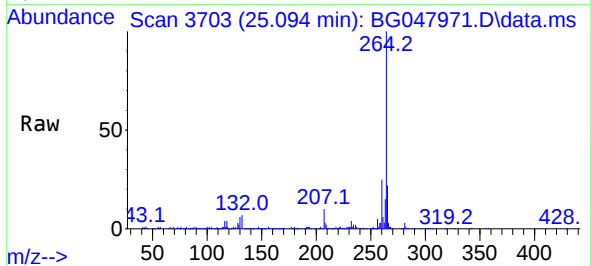
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.094 min Scan# 3703
Delta R.T. -0.012 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

Tgt Ion:	264	Resp:	374132
Ion Ratio	Lower	Upper	
264	100		
260	25.4	18.8	28.2
265	21.6	17.8	26.8

Instrument :
BNA_G
ClientSampleId :
FK-EF-01-017-ABCD

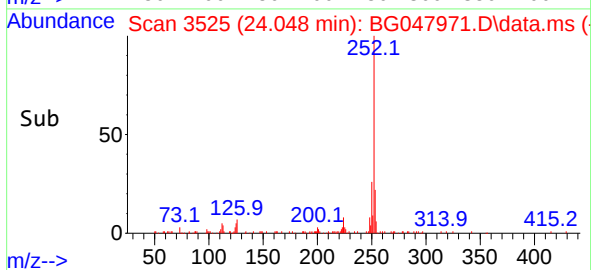
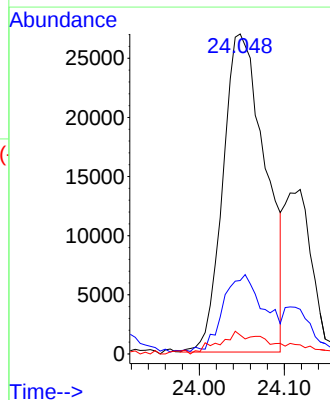
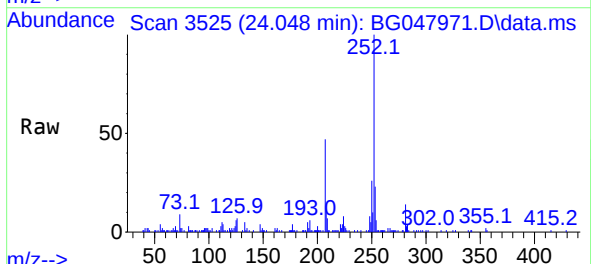
Manual Integrations
APPROVED

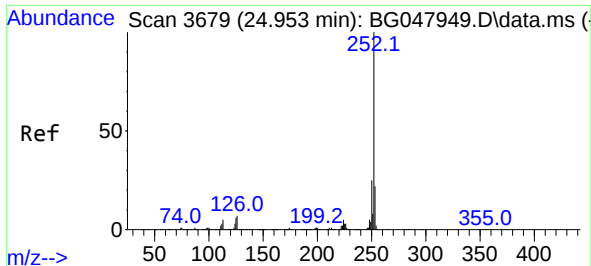
mohammad
1/22/2021 11:55:33 AM



#88
Benzo(b)fluoranthene
Concen: 3.74 ng m
RT: 24.048 min Scan# 3525
Delta R.T. -0.012 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

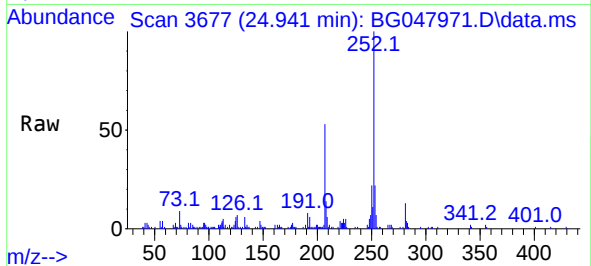
Tgt Ion:	252	Resp:	93114
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.7	28.1
125	5.9	6.5	9.7#





#90
Benzo(a)pyrene
Concen: 2.73 ng m
RT: 24.941 min Scan# 3677
Delta R.T. -0.012 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48

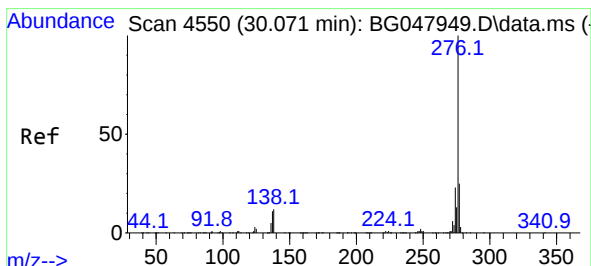
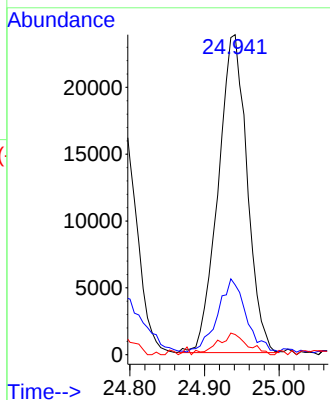
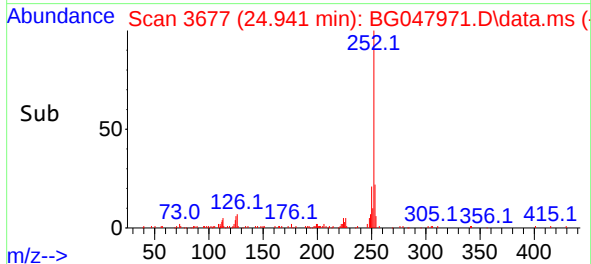
Instrument :
BNA_G
ClientSampleId :
FK-EF-01-017-ABCD



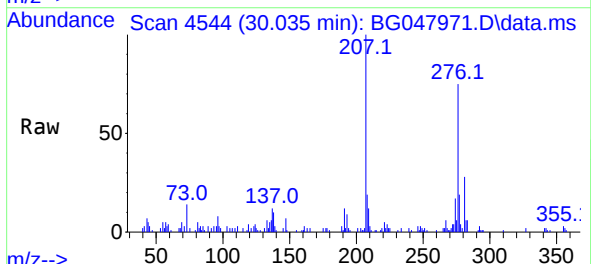
Tgt Ion:252 Resp: 64129
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 6.3 7.0 10.4#

Manual Integrations
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mohammad
1/22/2021 11:55:33 AM



#92
Benzo(g,h,i)perylene
Concen: 2.33 ng
RT: 30.035 min Scan# 4544
Delta R.T. -0.036 min
Lab File: BG047971.D
Acq: 22 Jan 2021 2:48



Tgt Ion:276 Resp: 53092
Ion Ratio Lower Upper
276 100
277 24.7 19.6 29.4
138 13.7 13.4 20.2

