

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
 Data File : BG047970.D
 Acq On : 22 Jan 2021 2:08
 Operator : CG/JU
 Sample : M1159-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BORE-2-ALT

Manual Integrations
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mohammad
 1/22/2021 11:55:30 AM

Quant Time: Jan 22 02:55:23 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	8.150	152	49477	20.00	ng	0.00
21) Naphthalene-d8	10.965	136	193618	20.00	ng	# 0.00
39) Acenaphthene-d10	14.766	164	141738	20.00	ng	0.00
64) Phenanthrene-d10	17.510	188	337508	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	348127	20.00	ng	# 0.00
86) Perylene-d12	25.101	264	363703	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	287802	94.87	ng	0.00
7) Phenol-d6	7.293	99	393901	86.01	ng	0.00
23) Nitrobenzene-d5	9.308	82	270673	61.47	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	202288	89.18	ng	0.00
45) 2-Fluorobiphenyl	13.397	172	519815	48.98	ng	0.00
79) Terphenyl-d14	20.113	244	754070	40.05	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.214	163	45390	3.68	ng	# 99
71) Phenanthrene	17.551	178	83823	4.59	ng	95
75) Fluoranthene	19.555	202	238025	9.80	ng	93
78) Pyrene	19.913	202	193027	8.20	ng	95
81) Benzo(a)anthracene	21.770	228	122015	5.07	ng	97
83) Chrysene	21.840	228	105753	4.59	ng	97
87) Indeno(1,2,3-cd)pyrene	28.867	276	56497	2.03	ng	# 90
88) Benzo(b)fluoranthene	24.049	252	135151	5.59	ng	# 97
89) Benzo(k)fluoranthene	24.114	252	47179m	2.01	ng	
90) Benzo(a)pyrene	24.943	252	94407m	4.14	ng	
92) Benzo(g,h,i)perylene	30.037	276	49886	2.25	ng	# 89

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

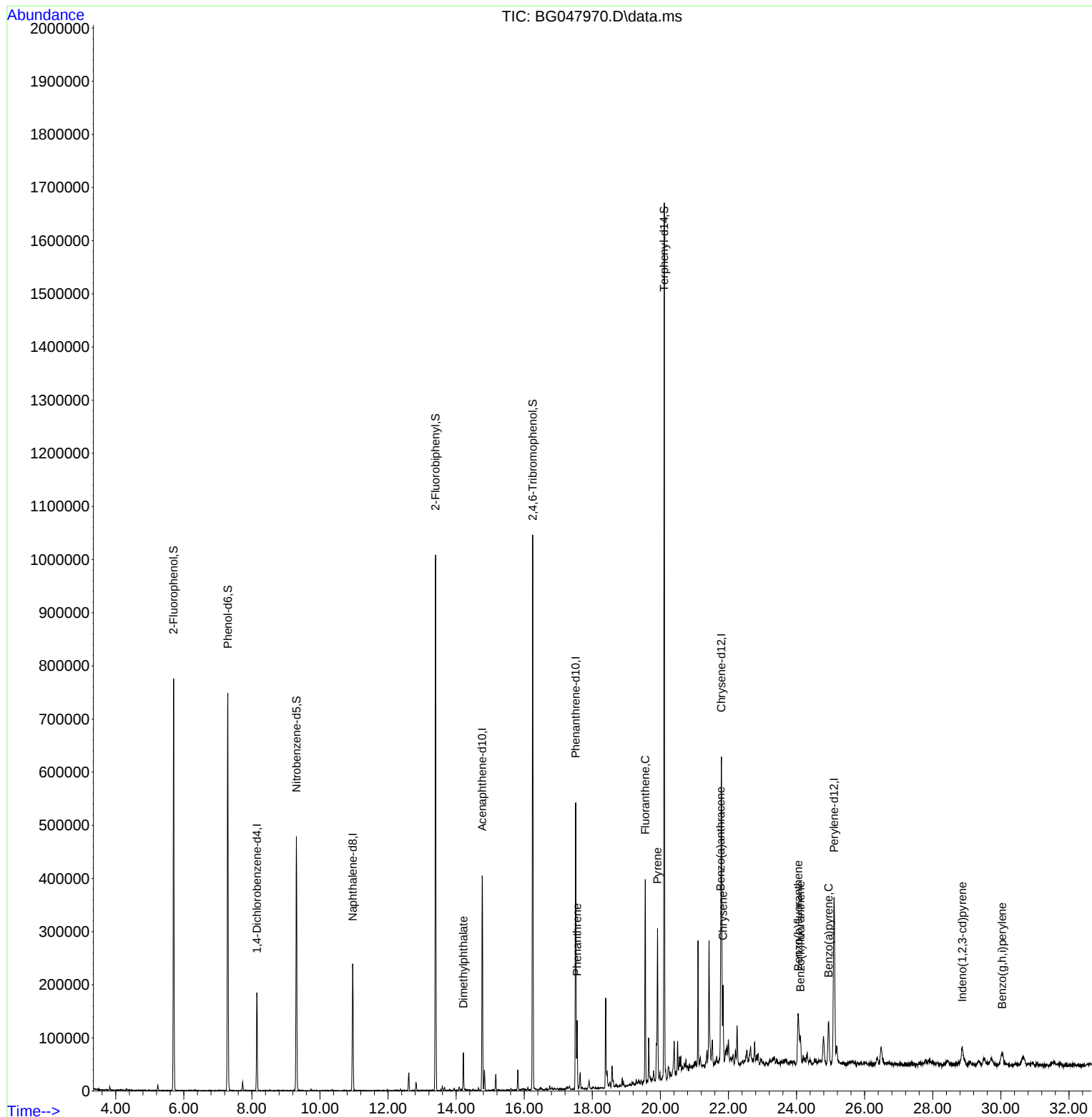
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012121\
Data File : BG047970.D
Acq On : 22 Jan 2021 2:08
Operator : CG/JU
Sample : M1159-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

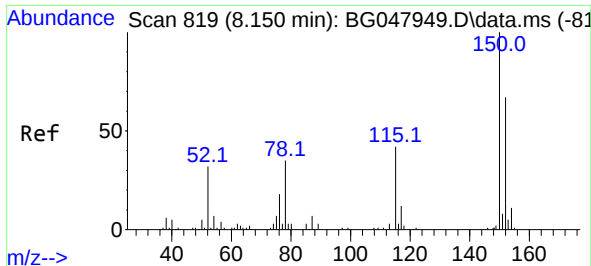
Instrument :
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ClientSampleId :
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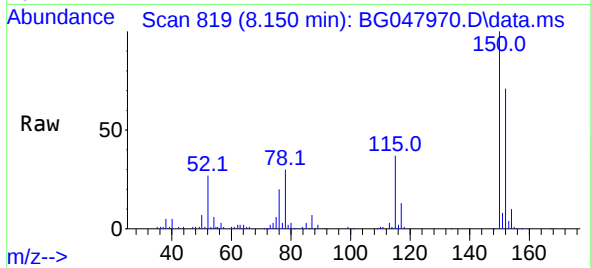
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Quant Time: Jan 22 02:55:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

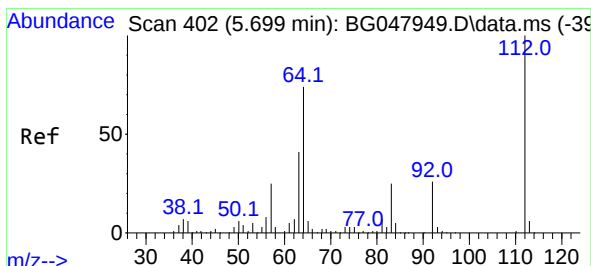
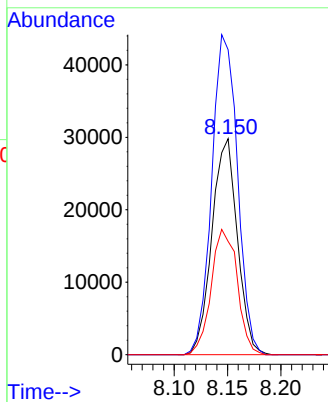
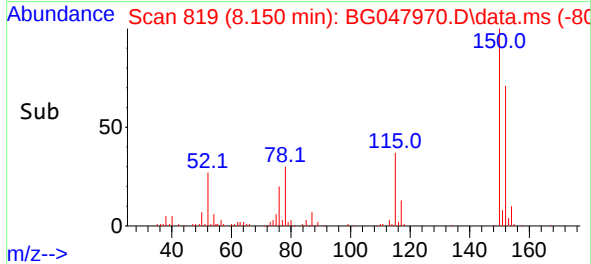




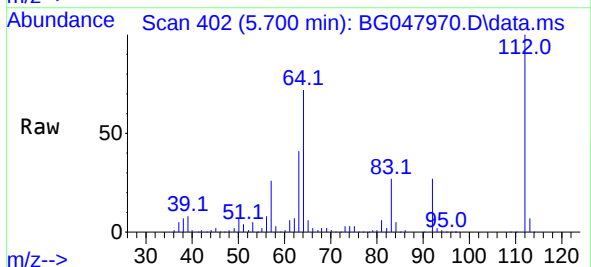
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.150 min Scan# 819
Delta R.T. 0.000 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08



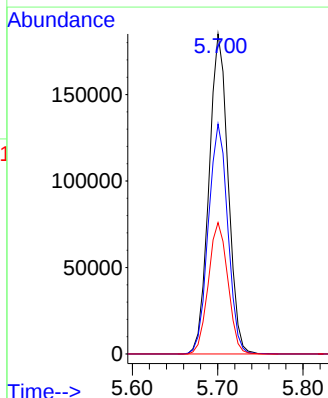
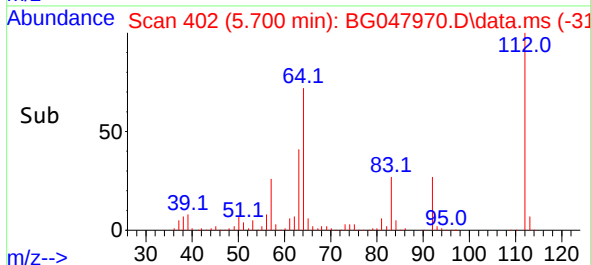
Tgt Ion:152 Resp: 49477
Ion Ratio Lower Upper
152 100
150 141.2 125.0 187.6
115 52.5 41.8 62.6



#5
2-Fluorophenol
Concen: 94.87 ng
RT: 5.700 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08



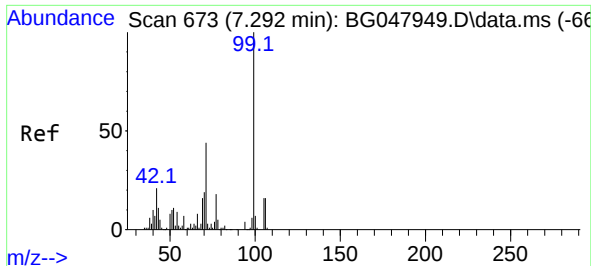
Tgt Ion:112 Resp: 287802
Ion Ratio Lower Upper
112 100
64 71.8 46.7 70.1#
63 41.1 22.8 34.2#



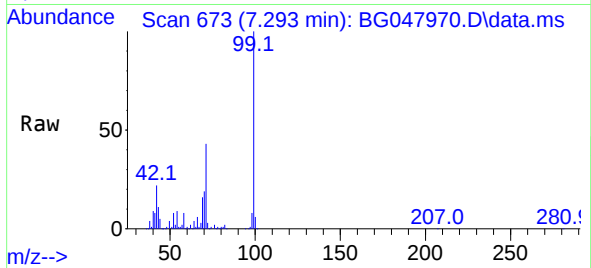
Instrument :
BNA_G
ClientSampleId :
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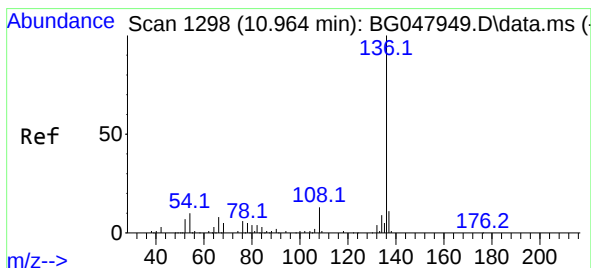
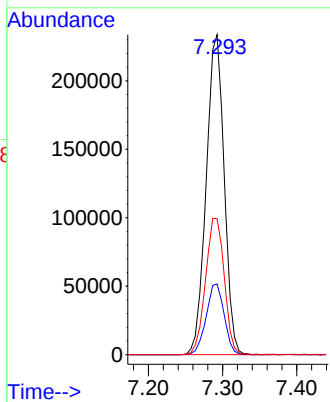
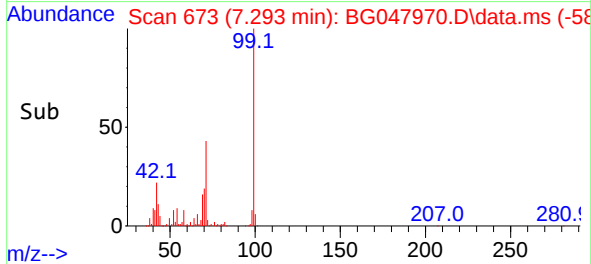
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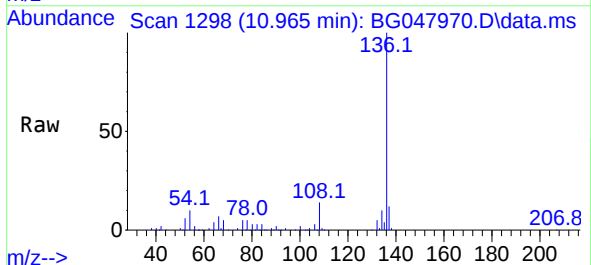
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Phenol-d6
Concen: 86.01 ng
RT: 7.293 min Scan# 673
Delta R.T. 0.001 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08



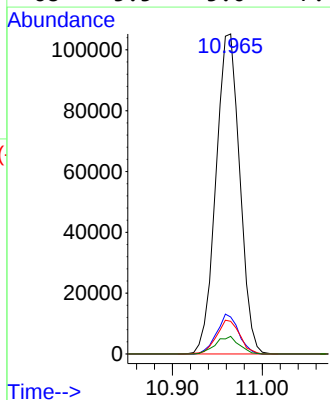
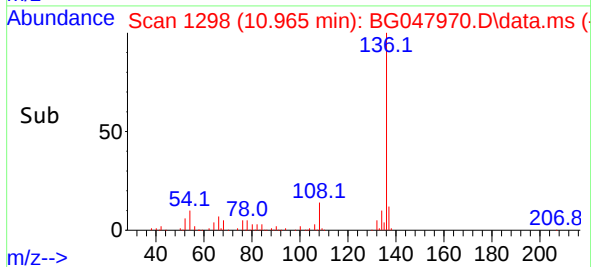
Tgt Ion: 99 Resp: 393901
Ion Ratio Lower Upper
99 100
42 22.1 12.8 19.2#
71 42.6 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.965 min Scan# 1298
Delta R.T. 0.001 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08



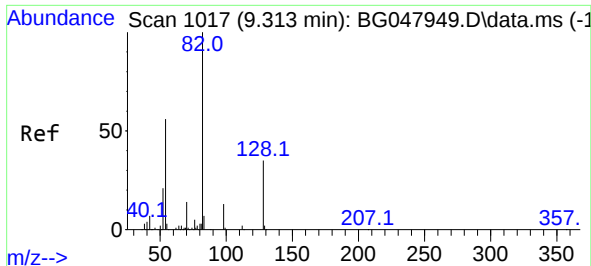
Tgt Ion: 136 Resp: 193618
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.2 6.2 9.4#
68 5.5 5.0 7.4



Instrument :
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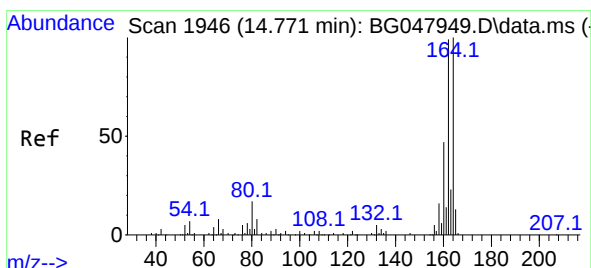
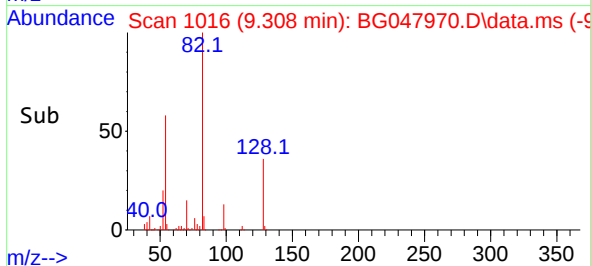
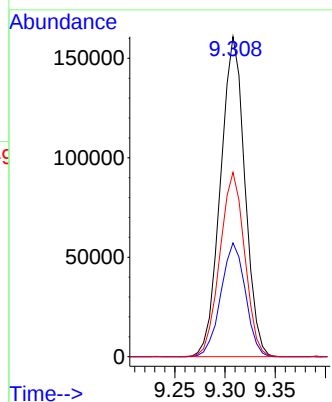
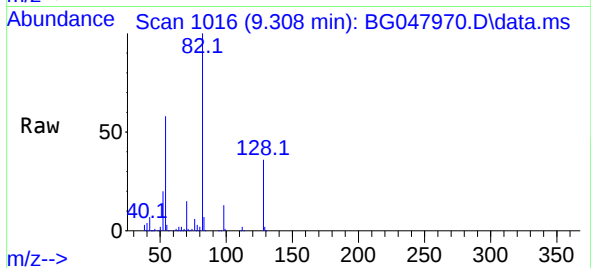
#23
Nitrobenzene-d5
Concen: 61.47 ng
RT: 9.308 min Scan# 1016
Delta R.T. -0.005 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08

Tgt Ion: 82 Resp: 270673
Ion Ratio Lower Upper
82 100
128 35.5 37.0 55.6#
54 57.6 39.0 58.4

Instrument :
BNA_G
ClientSampleId :
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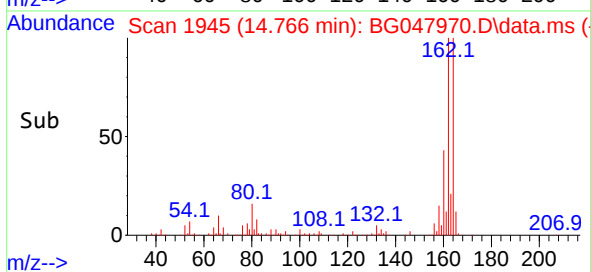
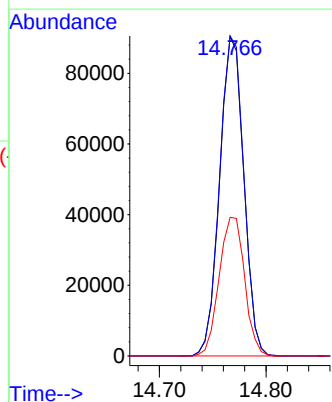
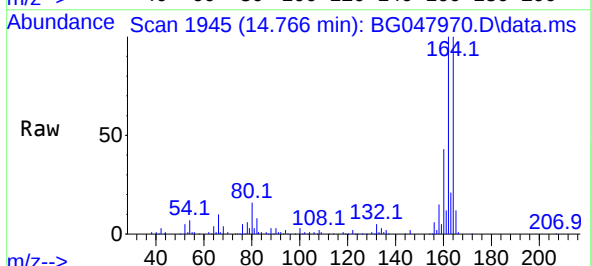
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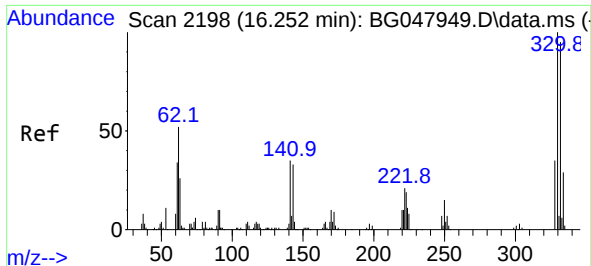
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.766 min Scan# 1945
Delta R.T. -0.005 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08

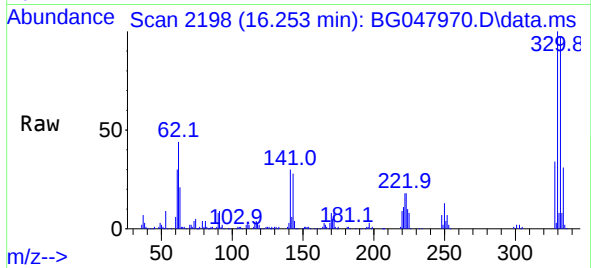
Tgt Ion: 164 Resp: 141738
Ion Ratio Lower Upper
164 100
162 100.2 82.3 123.5
160 43.4 35.3 52.9





#42
2,4,6-Tribromophenol
Concen: 89.18 ng
RT: 16.253 min Scan# 2198
Delta R.T. 0.001 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08

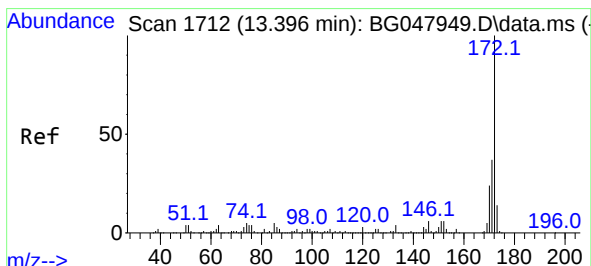
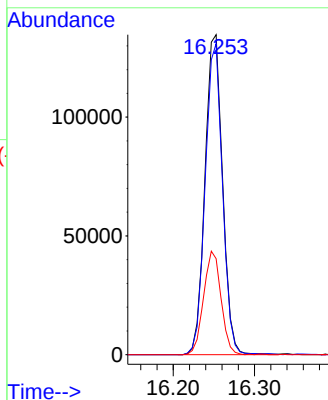
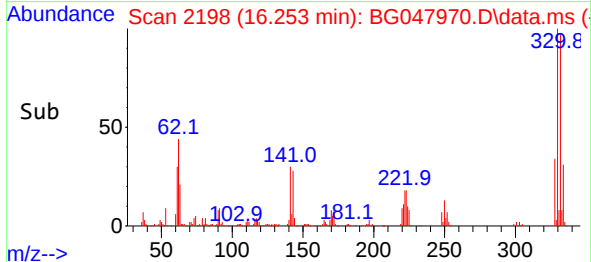
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ClientSampleId :
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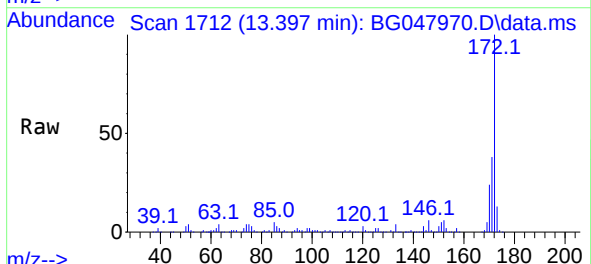
Tgt Ion:330 Resp: 202288
Ion Ratio Lower Upper
330 100
332 95.5 76.5 114.7
141 32.0 26.0 39.0

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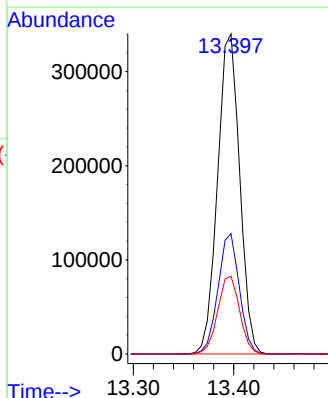
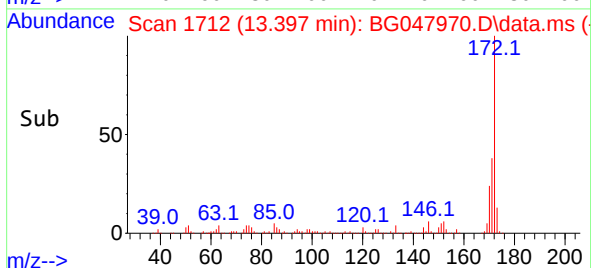
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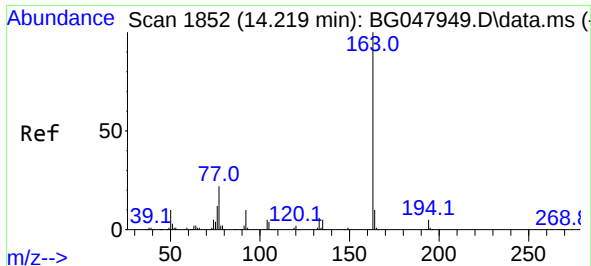


#45
2-Fluorobiphenyl
Concen: 48.98 ng
RT: 13.397 min Scan# 1712
Delta R.T. 0.001 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08



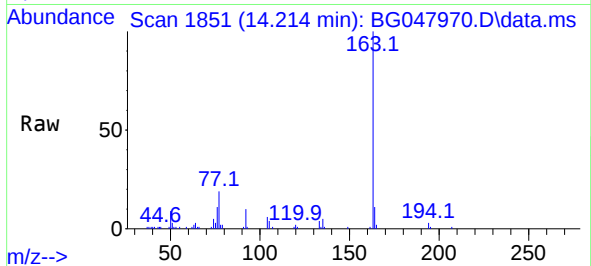
Tgt Ion:172 Resp: 519815
Ion Ratio Lower Upper
172 100
171 37.6 31.3 46.9
170 24.2 20.8 31.2





#50
Dimethylphthalate
Concen: 3.68 ng
RT: 14.214 min Scan# 1851
Delta R.T. -0.005 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08

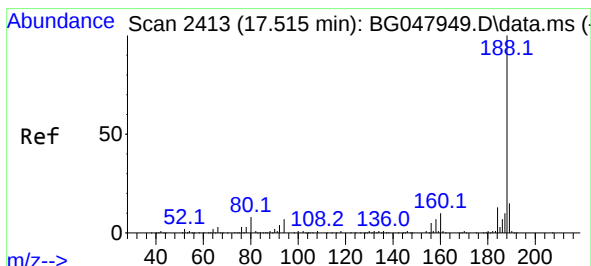
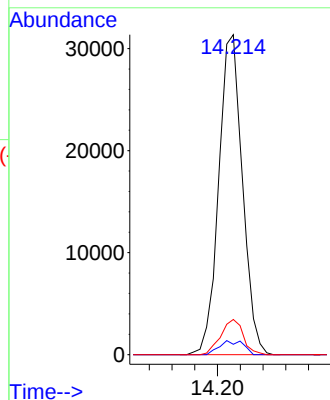
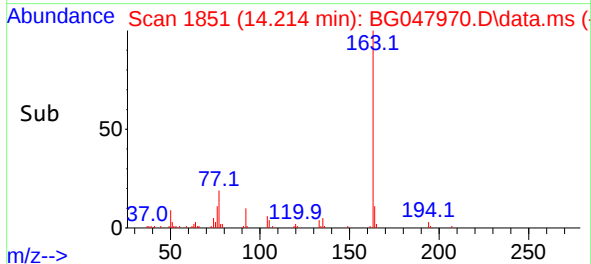
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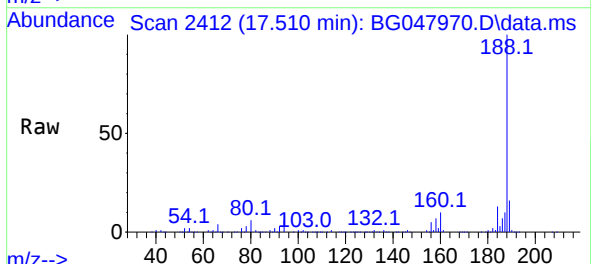
Tgt Ion:163 Resp: 45390
Ion Ratio Lower Upper
163 100
194 3.3 3.8 5.8#
164 11.0 8.8 13.2

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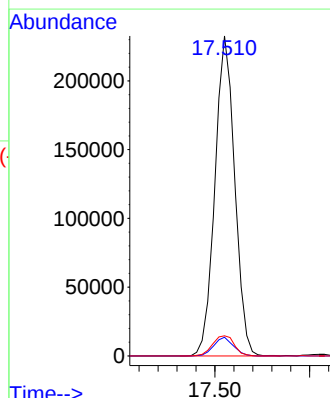
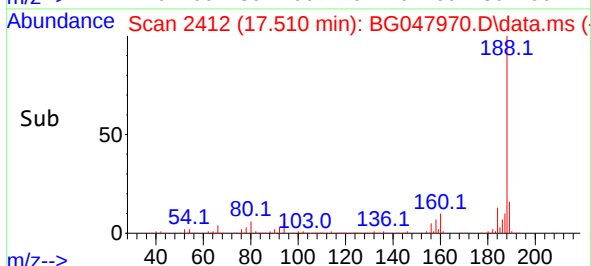
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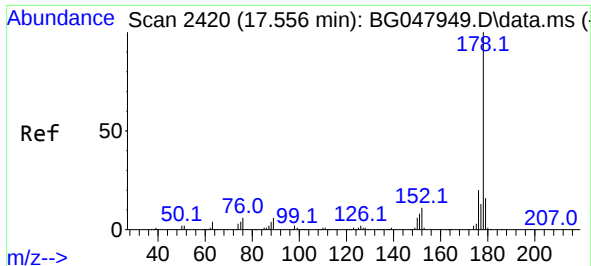


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.510 min Scan# 2412
Delta R.T. -0.005 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08



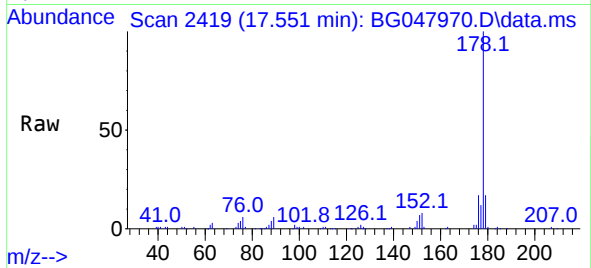
Tgt Ion:188 Resp: 337508
Ion Ratio Lower Upper
188 100
94 5.9 6.3 9.5#
80 6.3 7.0 10.6#





#71
Phenanthrene
Concen: 4.59 ng
RT: 17.551 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08

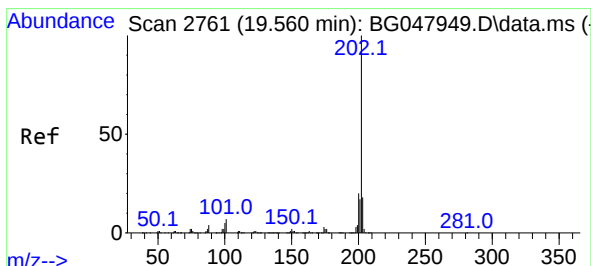
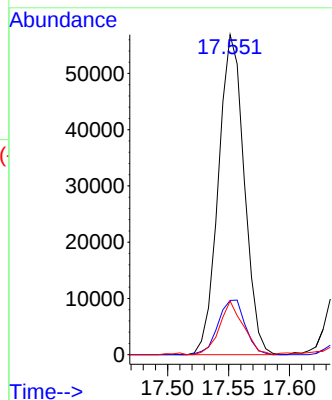
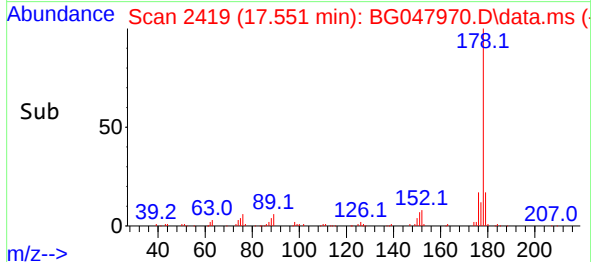
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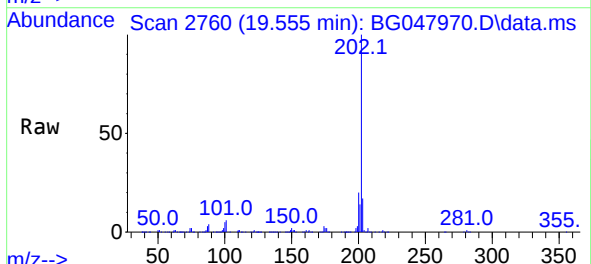
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Ion Ratio Lower Upper
178 100
176 16.9 16.7 25.1
179 16.7 14.0 21.0

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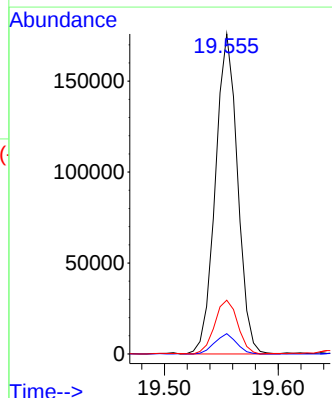
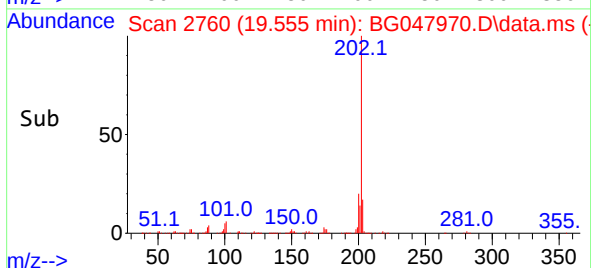
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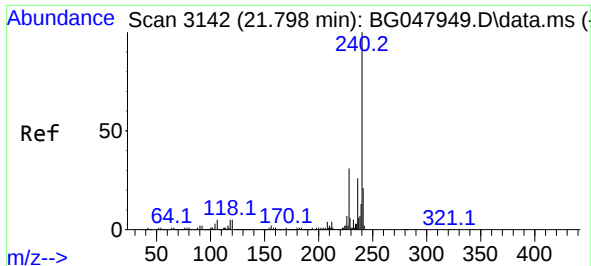


#75
Fluoranthene
Concen: 9.80 ng
RT: 19.555 min Scan# 2760
Delta R.T. -0.005 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08

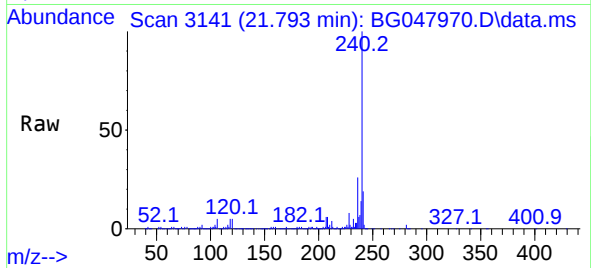


Tgt Ion:202 Resp: 238025
Ion Ratio Lower Upper
202 100
101 6.4 0.0 29.7
203 16.8 0.0 39.2

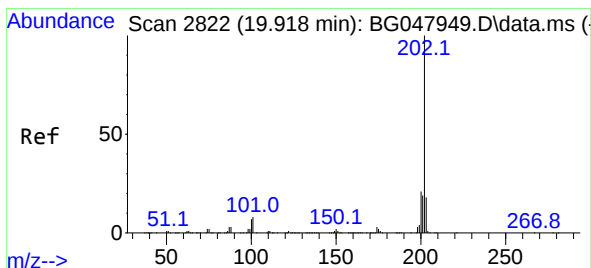
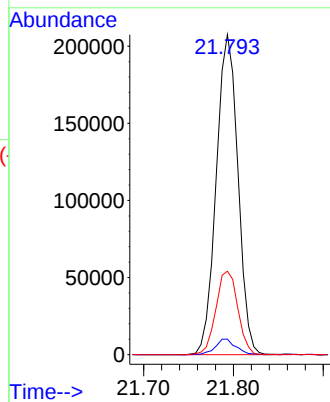
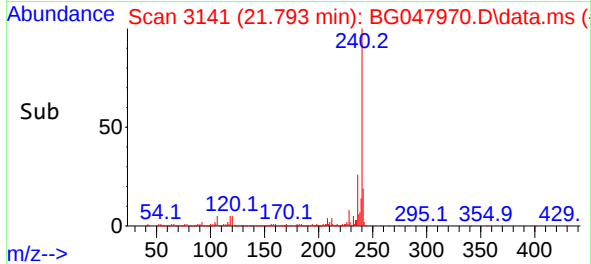




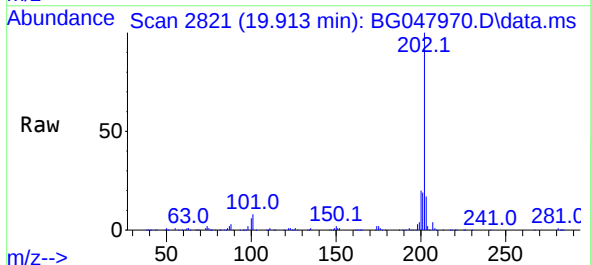
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08



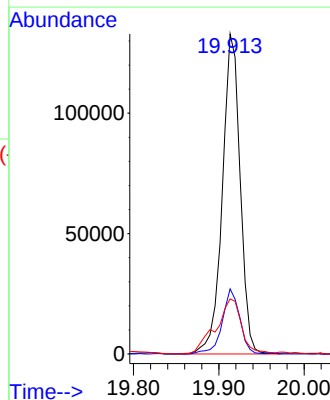
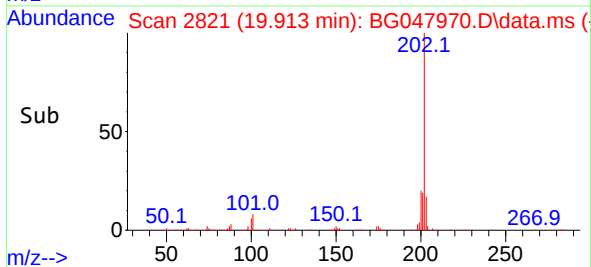
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Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 26.1 20.5 30.7



#78
Pyrene
Concen: 8.20 ng
RT: 19.913 min Scan# 2821
Delta R.T. -0.005 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08



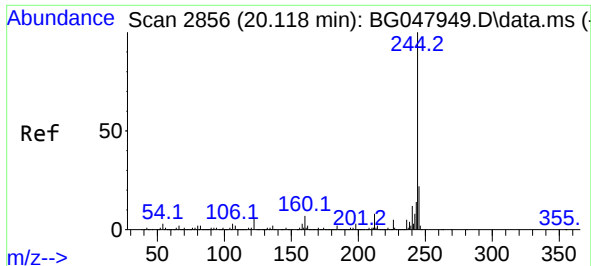
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Ion Ratio Lower Upper
202 100
200 20.4 18.6 27.8
203 17.2 15.3 22.9



Instrument :
BNA_G
ClientSampleId :
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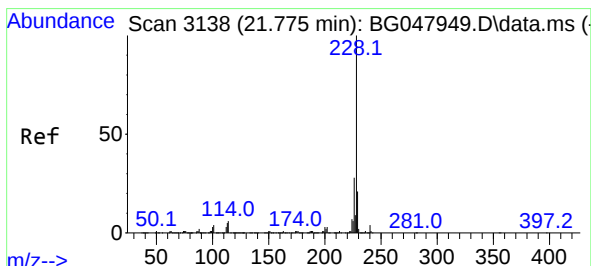
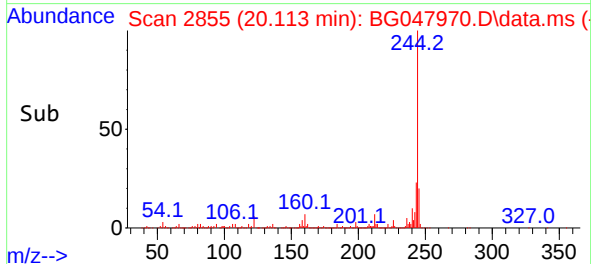
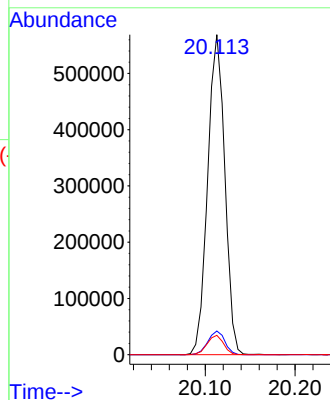
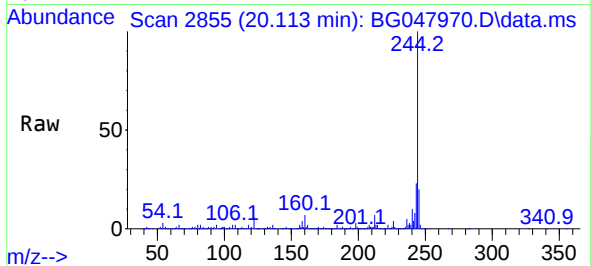
#79
Terphenyl-d14
Concen: 40.05 ng
RT: 20.113 min Scan# 2855
Delta R.T. -0.005 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08

Tgt Ion:244 Resp: 754070
Ion Ratio Lower Upper
244 100
212 7.4 6.7 10.1
122 6.0 7.8 11.6#

Instrument :
BNA_G
ClientSampleId :
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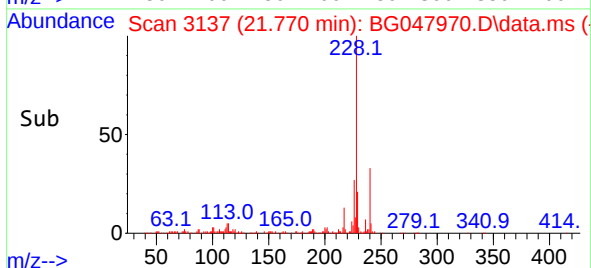
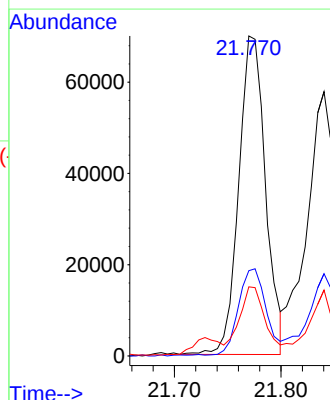
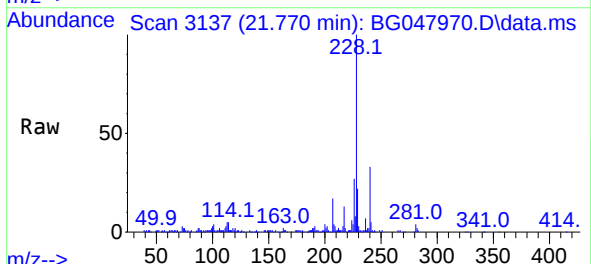
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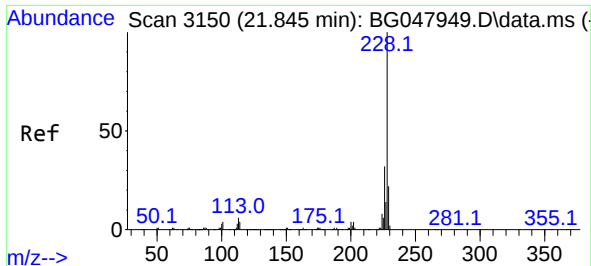
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#81
Benzo(a)anthracene
Concen: 5.07 ng
RT: 21.770 min Scan# 3137
Delta R.T. -0.005 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08

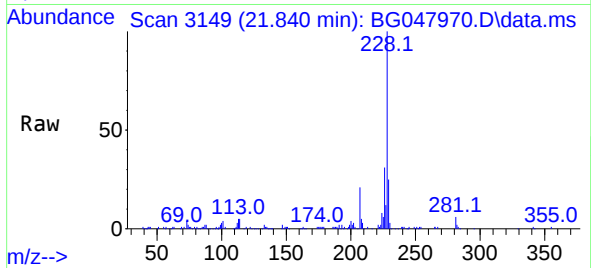
Tgt Ion:228 Resp: 122015
Ion Ratio Lower Upper
228 100
226 26.7 23.3 34.9
229 21.6 17.4 26.0





#83
Chrysene
Concen: 4.59 ng
RT: 21.840 min Scan# 3149
Delta R.T. -0.005 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08

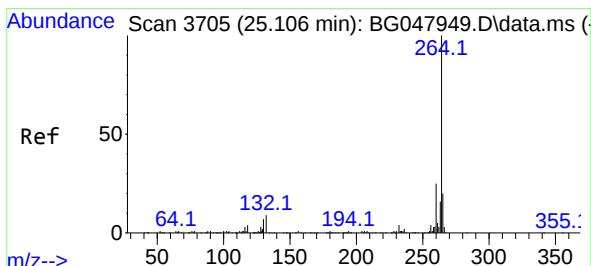
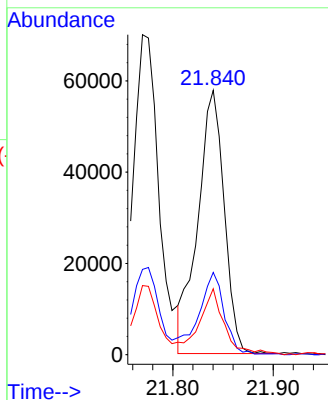
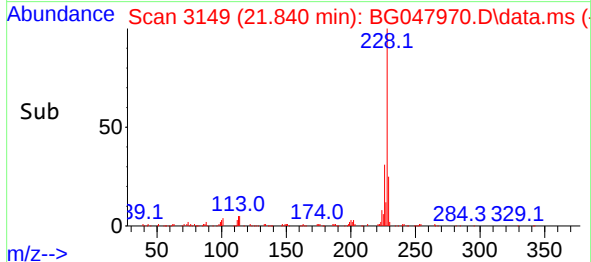
Instrument :
BNA_G
ClientSampleId :
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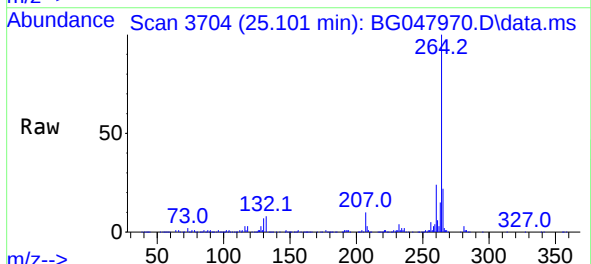
Tgt Ion:228 Resp: 105753
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.4
229 25.0 17.3 25.9

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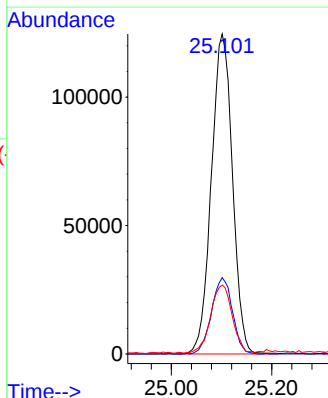
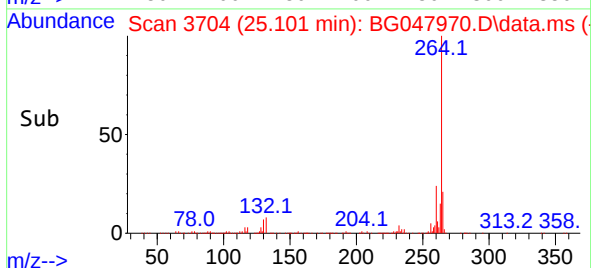
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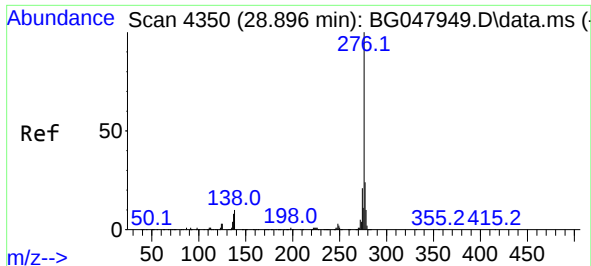


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.101 min Scan# 3704
Delta R.T. -0.005 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08



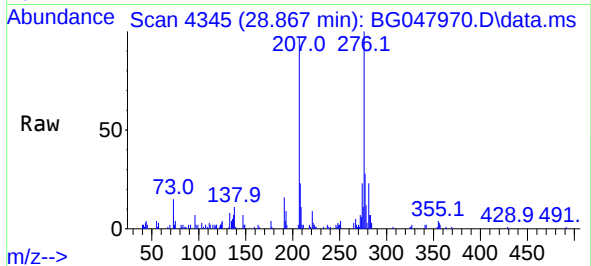
Tgt Ion:264 Resp: 363703
Ion Ratio Lower Upper
264 100
260 23.8 18.8 28.2
265 21.6 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.03 ng
RT: 28.867 min Scan# 4345
Delta R.T. -0.028 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08

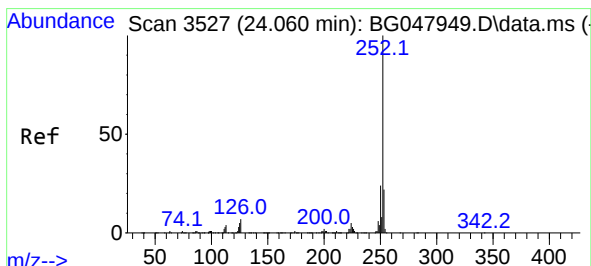
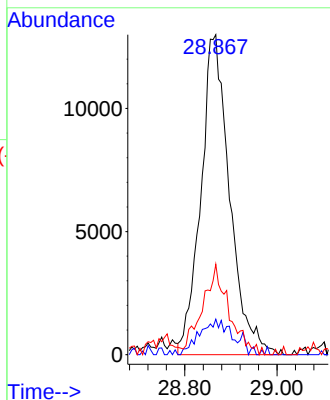
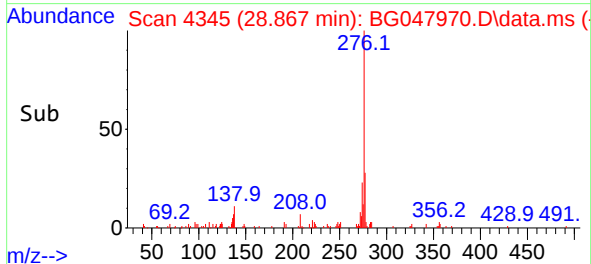
Instrument :
BNA_G
ClientSampleId :
BORE-2-ALT



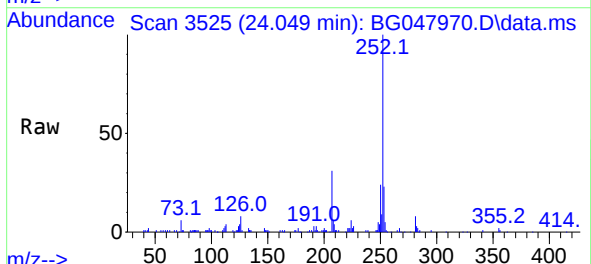
Tgt Ion:276 Resp: 56497
Ion Ratio Lower Upper
276 100
138 11.2 16.2 24.2#
277 26.2 20.3 30.5

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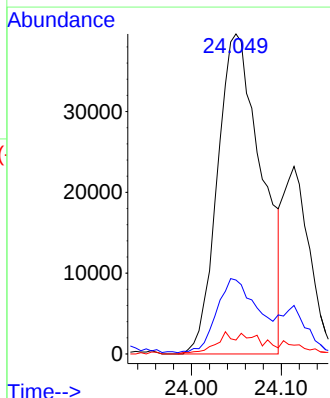
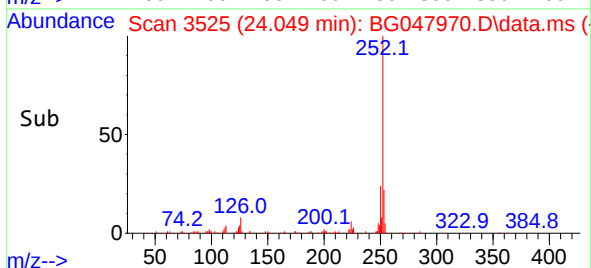
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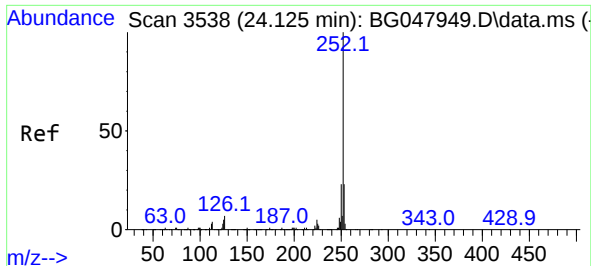


#88
Benzo(b)fluoranthene
Concen: 5.59 ng
RT: 24.049 min Scan# 3525
Delta R.T. -0.011 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08



Tgt Ion:252 Resp: 135151
Ion Ratio Lower Upper
252 100
253 23.1 18.7 28.1
125 4.4 6.5 9.7#





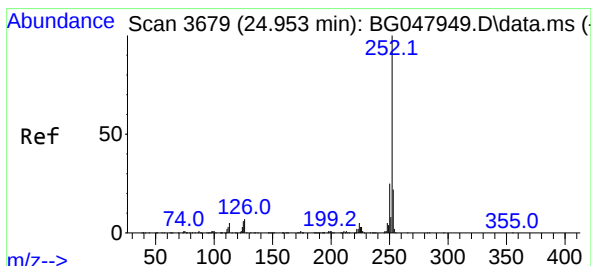
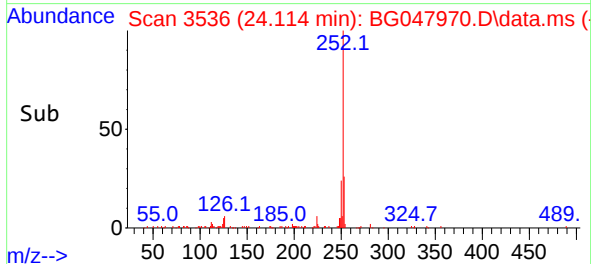
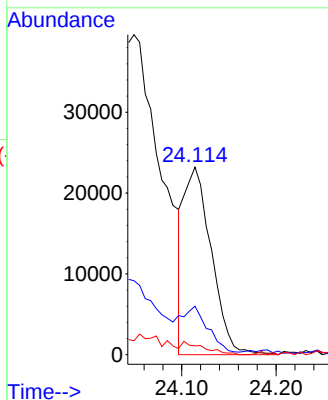
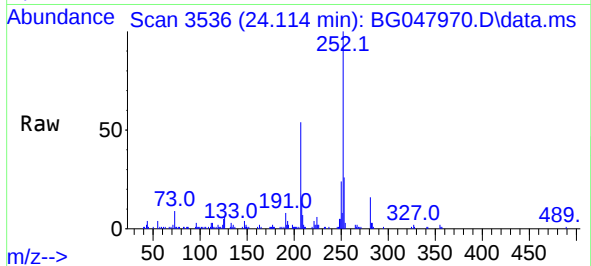
#89
Benzo(k)fluoranthene
Concen: 2.01 ng m
RT: 24.114 min Scan# 3536
Delta R.T. -0.011 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08

Tgt Ion:252 Resp: 47179
Ion Ratio Lower Upper
252 100
253 25.8 18.6 27.8
125 4.7 6.8 10.2#

Instrument :
BNA_G
ClientSampleId :
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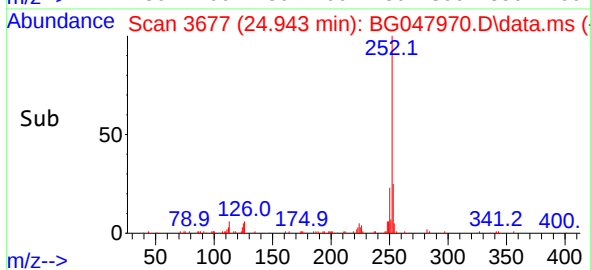
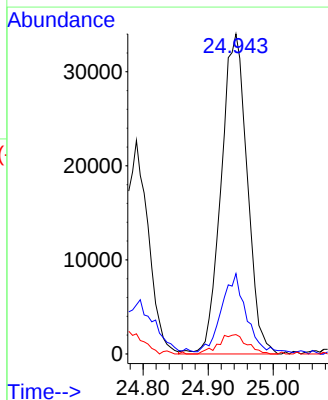
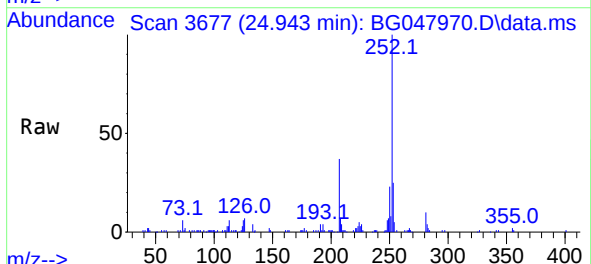
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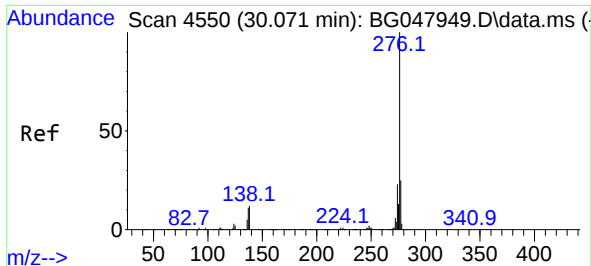
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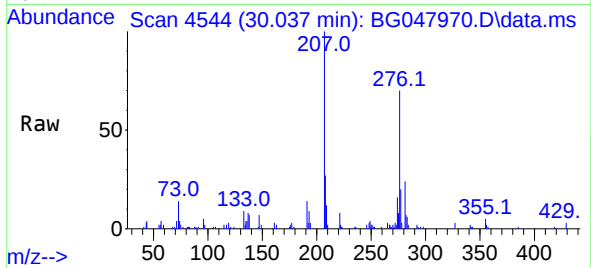
#90
Benzo(a)pyrene
Concen: 4.14 ng m
RT: 24.943 min Scan# 3677
Delta R.T. -0.011 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08

Tgt Ion:252 Resp: 94407
Ion Ratio Lower Upper
252 100
253 25.1 17.9 26.9
125 6.1 7.0 10.4#

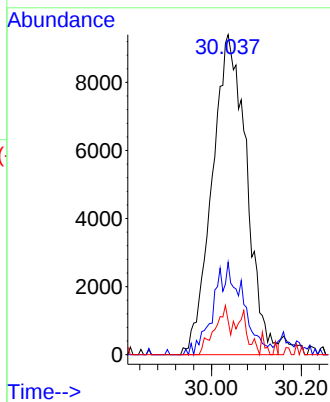
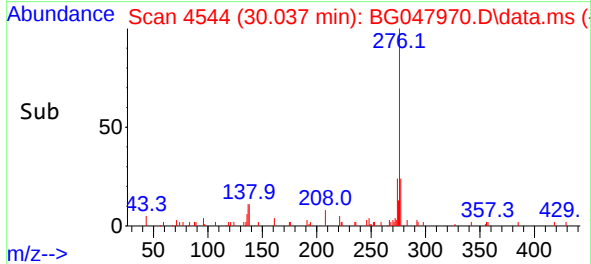




#92
Benzo(g,h,i)perylene
Concen: 2.25 ng
RT: 30.037 min Scan# 4544
Delta R.T. -0.034 min
Lab File: BG047970.D
Acq: 22 Jan 2021 2:08



Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.8	19.6	29.4
138	10.6	13.4	20.2



Instrument :
BNA_G
ClientSampleId :
BORE-2-ALT

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