

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
 Data File : BG050721.D
 Acq On : 25 Oct 2021 22:12
 Operator : CG/JU
 Sample : M4309-01RE 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 L-1RE

Manual Integrations
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mohammad
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Quant Time: Oct 26 02:16:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.250	152	49490	20.000	ng	0.00
21) Naphthalene-d8	11.076	136	203661	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	124838	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	245926	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	207382	20.000	ng	# 0.00
86) Perylene-d12	25.336	264	206307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	18389	5.557	ng	0.00
7) Phenol-d6	7.392	99	92274	19.259	ng	0.00
23) Nitrobenzene-d5	9.419	82	77602	15.773	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	2003	1.682	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	141334	17.039	ng	-0.01
79) Terphenyl-d14	20.200	244	185351	17.418	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.656	178	58090	4.482	ng	98
75) Fluoranthene	19.654	202	117038	7.347	ng	94
78) Pyrene	20.018	202	101318	6.886	ng	98
81) Benzo(a)anthracene	21.893	228	43604	3.178	ng	# 93
83) Chrysene	21.963	228	49650	3.847	ng	# 89
88) Benzo(b)fluoranthene	24.237	252	67197	5.318	ng	# 82
90) Benzo(a)pyrene	25.177	252	40129	3.736	ng	# 81
92) Benzo(g,h,i)perylene	30.488	276	24747m	2.126	ng	

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

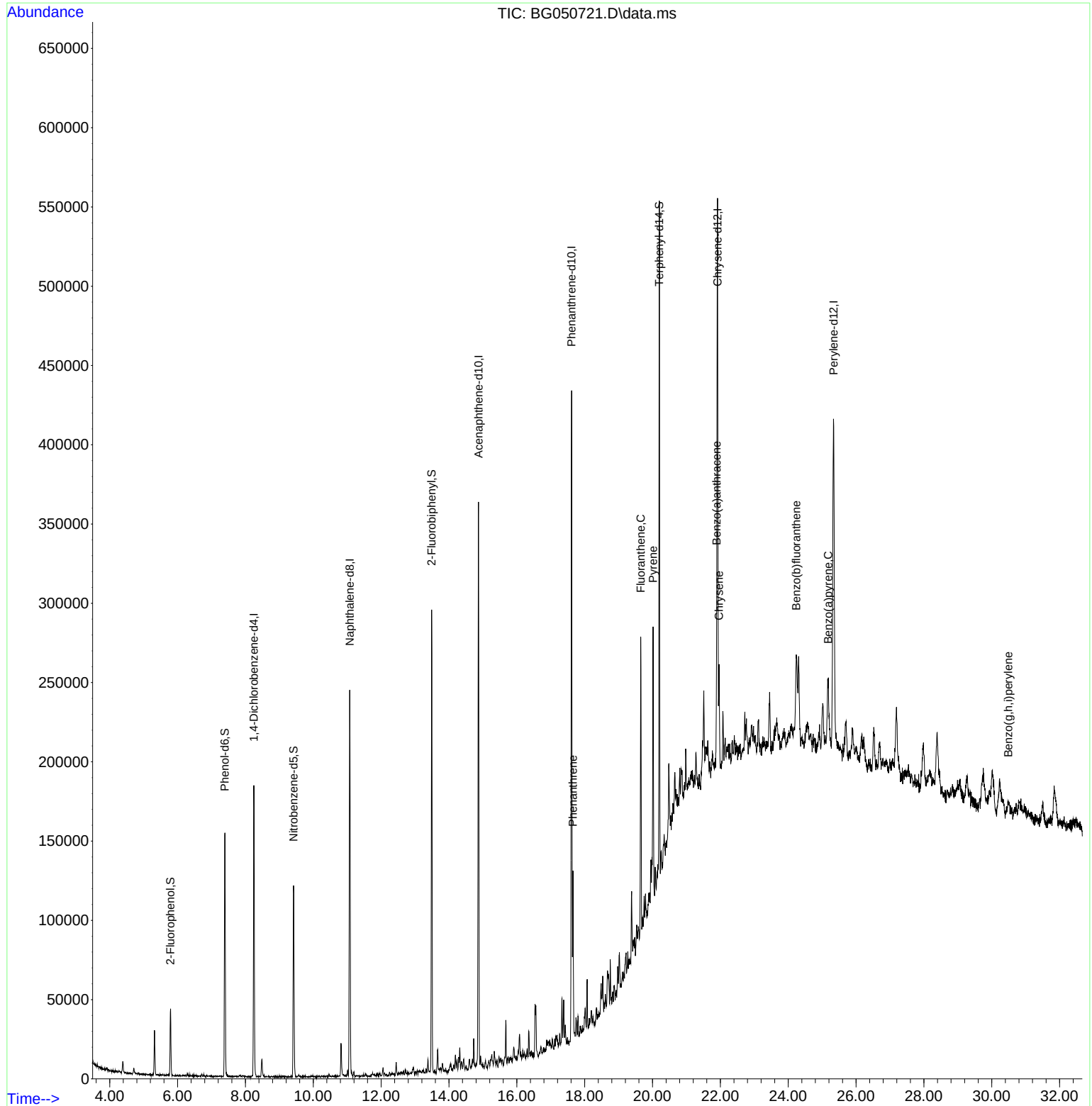
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
Data File : BG050721.D
Acq On : 25 Oct 2021 22:12
Operator : CG/JU
Sample : M4309-01RE 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

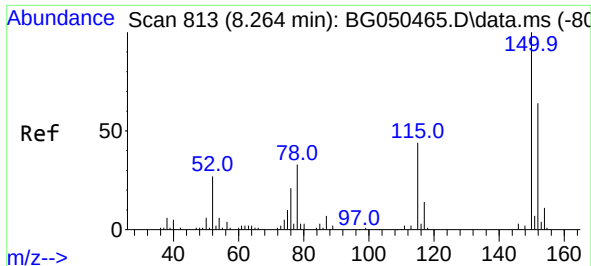
Instrument :
BNA_G
ClientSampleId :
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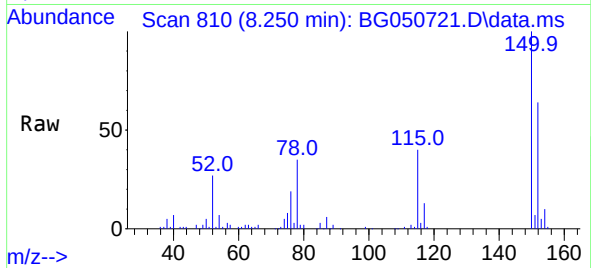
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Quant Time: Oct 26 02:16:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

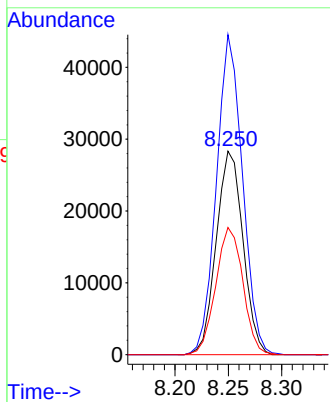
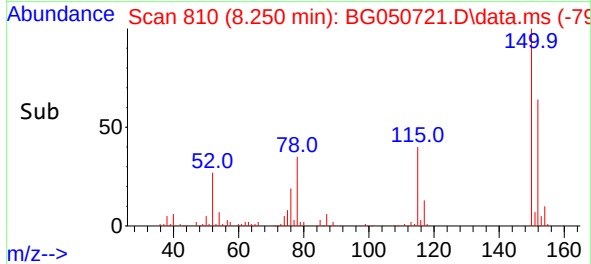




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.250 min Scan# 810
Delta R.T. -0.008 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12



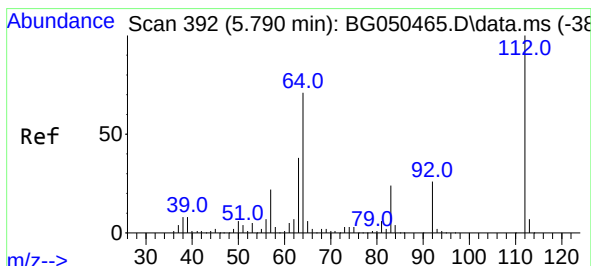
Tgt Ion:152 Resp: 49490
Ion Ratio Lower Upper
152 100
150 157.2 119.4 179.0
115 62.5 60.2 90.4



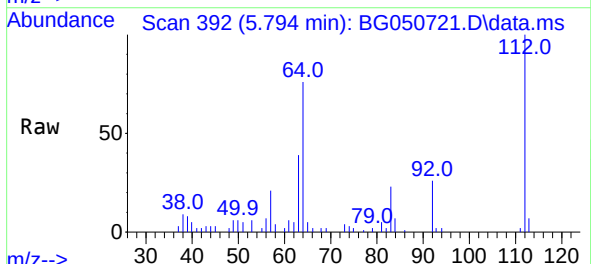
Instrument :
BNA_G
ClientSampleId :
L-1RE

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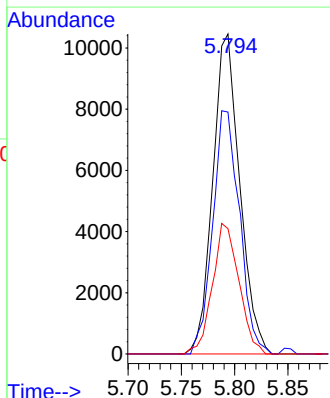
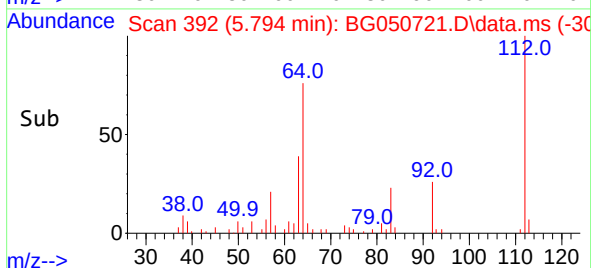
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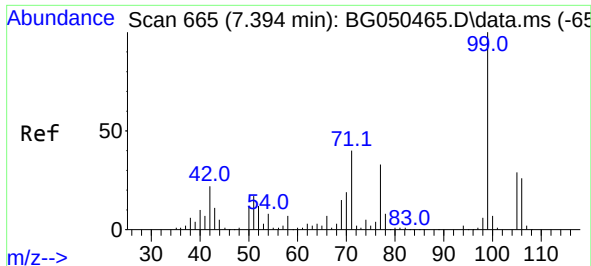


#5
2-Fluorophenol
Concen: 5.557 ng
RT: 5.794 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12

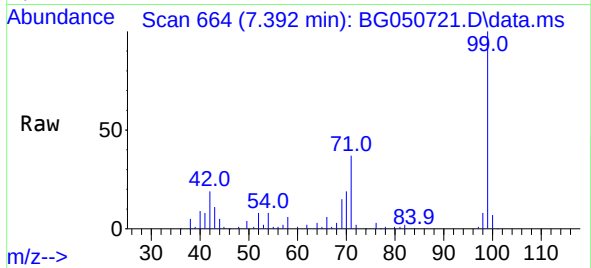


Tgt Ion:112 Resp: 18389
Ion Ratio Lower Upper
112 100
64 75.6 46.7 70.1#
63 39.2 35.3 52.9

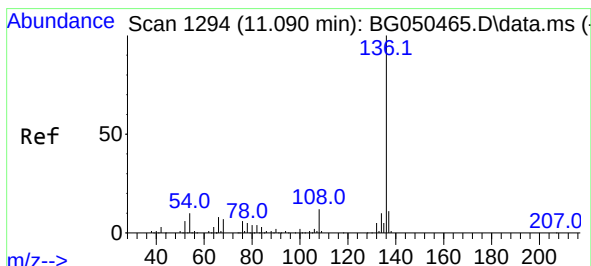
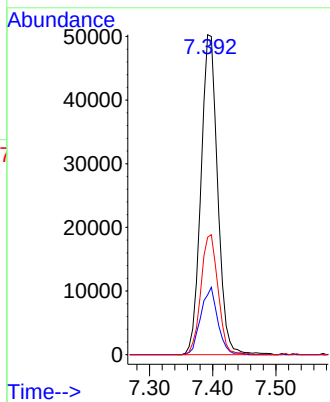
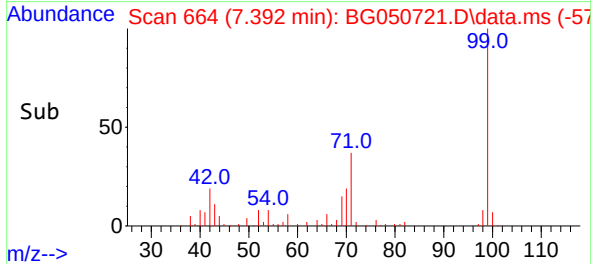




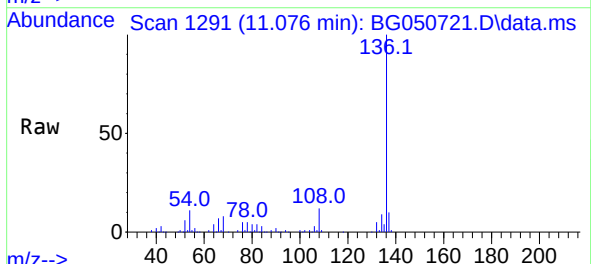
#7
Phenol-d6
Concen: 19.259 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12



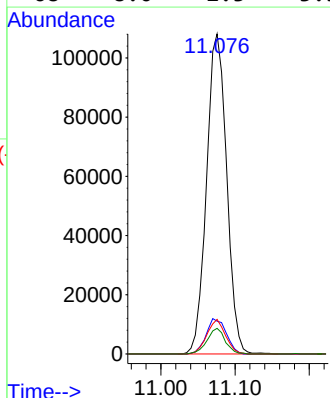
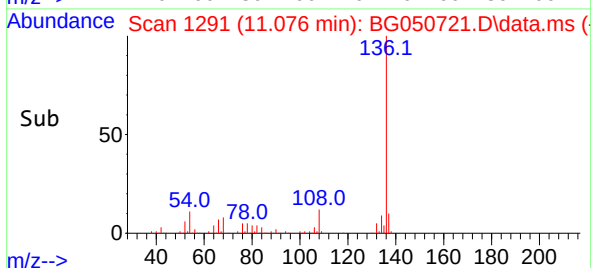
Tgt Ion: 99 Resp: 92274
Ion Ratio Lower Upper
99 100
42 18.7 20.5 30.7#
71 36.7 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.076 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12



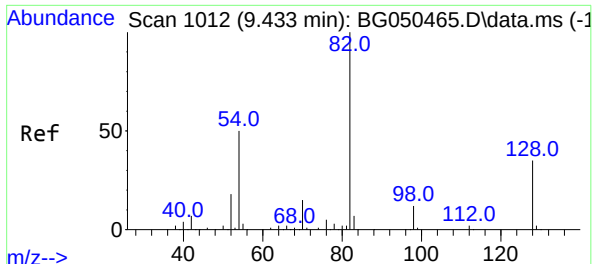
Tgt Ion: 136 Resp: 203661
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.2
54 10.8 5.5 8.3#
68 8.0 2.3 3.5#



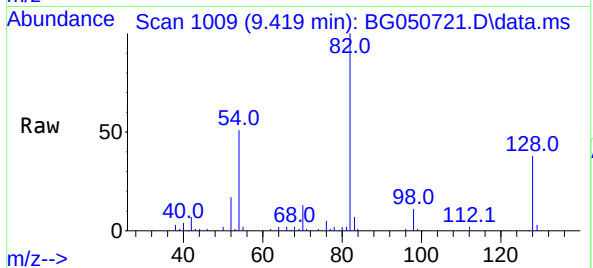
Instrument :
BNA_G
ClientSampled :
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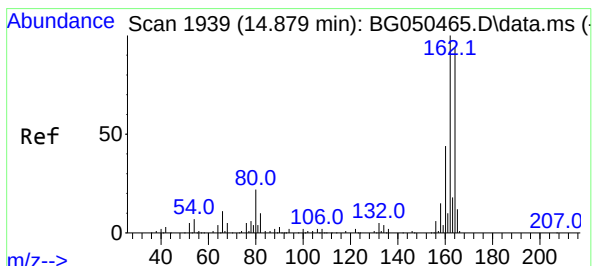
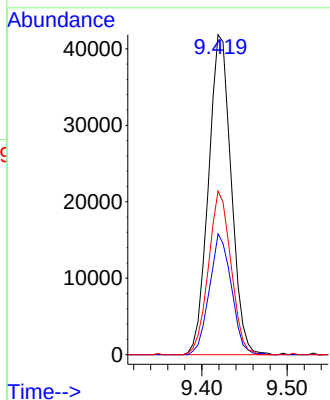
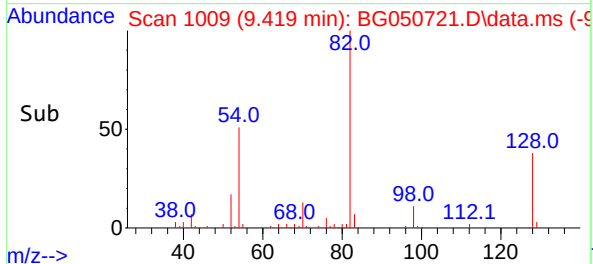
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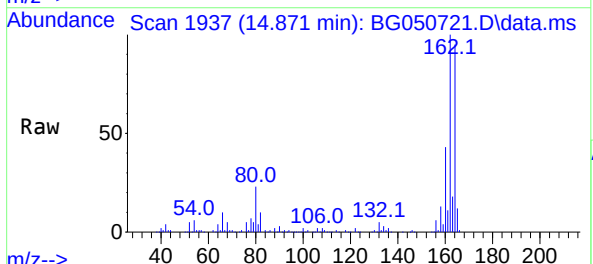
#23
Nitrobenzene-d5
Concen: 15.773 ng
RT: 9.419 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12



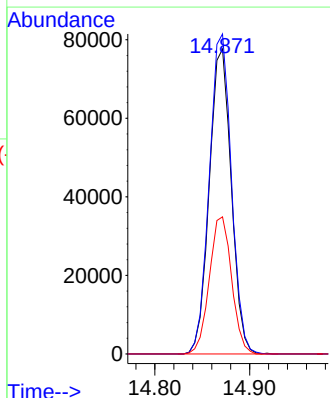
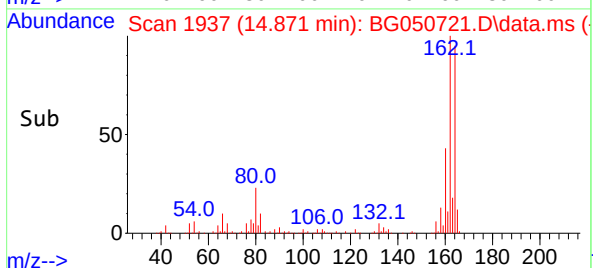
Tgt Ion: 82 Resp: 77602
Ion Ratio Lower Upper
82 100
128 37.7 29.8 44.6
54 51.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12



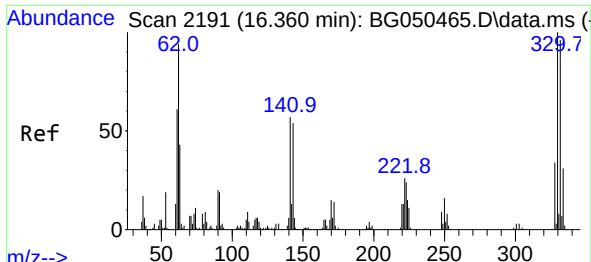
Tgt Ion:164 Resp: 124838
Ion Ratio Lower Upper
164 100
162 104.9 81.4 122.0
160 45.0 34.9 52.3



Instrument :
BNA_G
ClientSampleId :
L-1RE

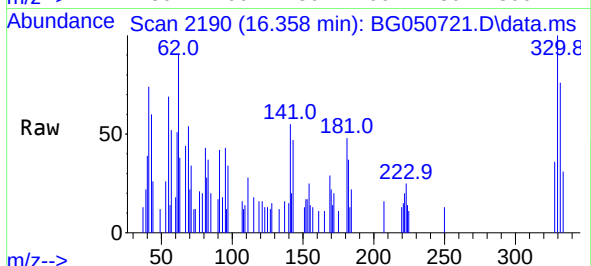
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#42
2,4,6-Tribromophenol
Concen: 1.682 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12

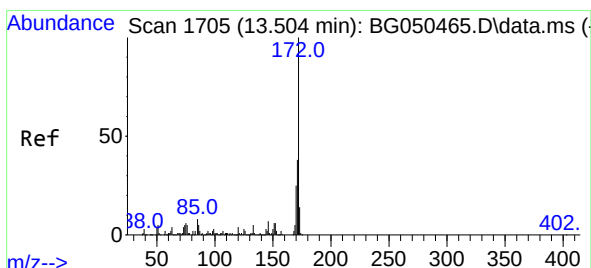
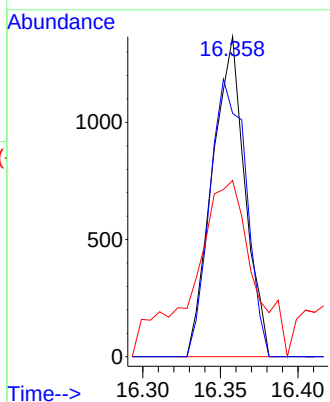
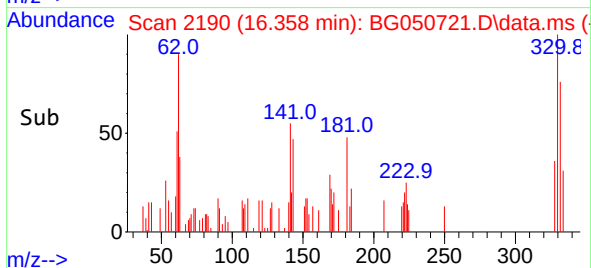
Instrument :
BNA_G
ClientSampled :
L-1RE



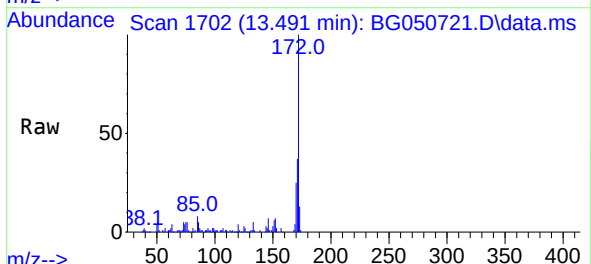
Tgt Ion:330 Resp: 2003
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 100.3 35.6 53.4#

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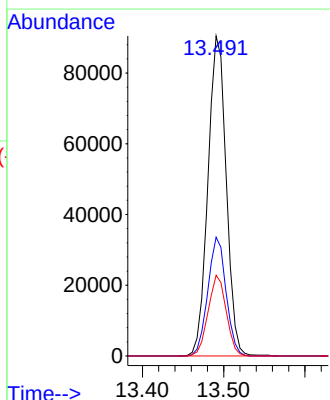
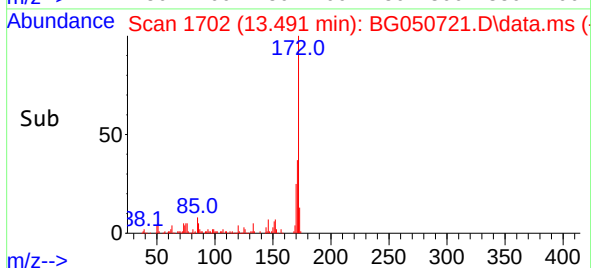
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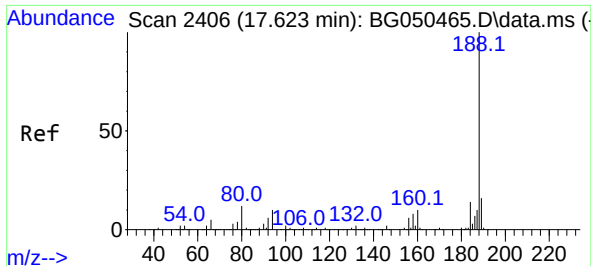


#45
2-Fluorobiphenyl
Concen: 17.039 ng
RT: 13.491 min Scan# 1702
Delta R.T. -0.015 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12



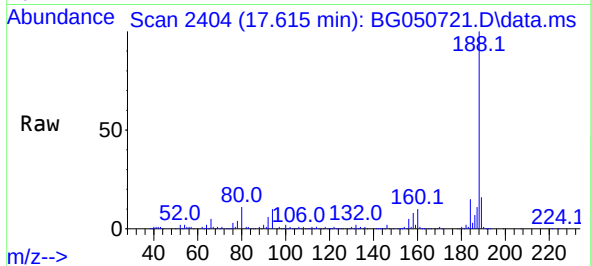
Tgt Ion:172 Resp: 141334
Ion Ratio Lower Upper
172 100
171 37.1 28.6 43.0
170 25.2 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12

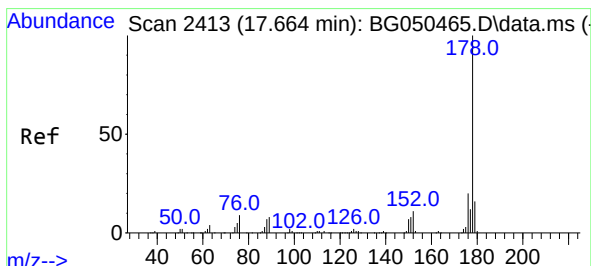
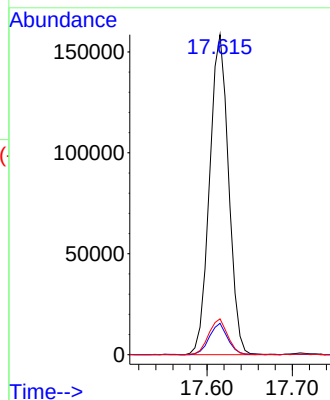
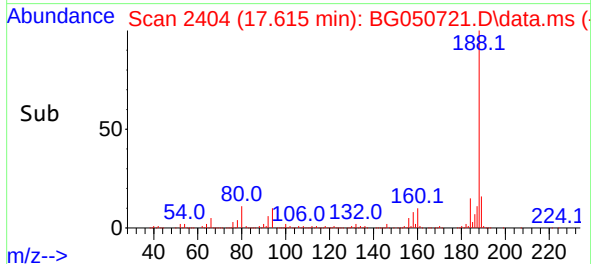
Instrument :
BNA_G
ClientSampleId :
L-1RE



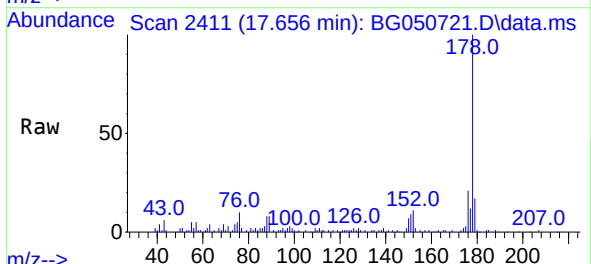
Tgt Ion:188 Resp: 245926
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 11.2 3.7 5.5#

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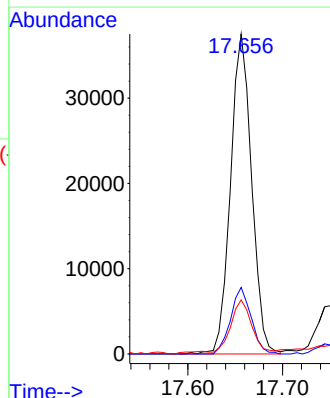
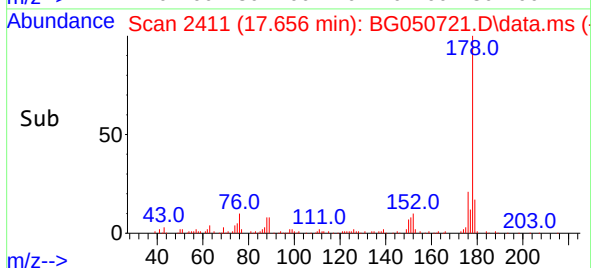
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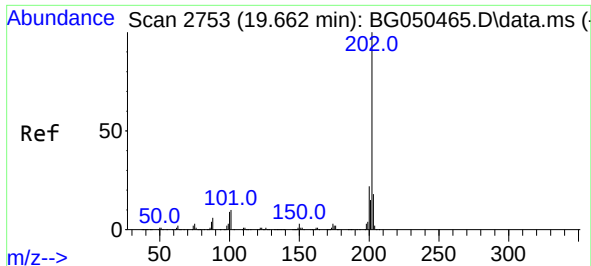


#71
Phenanthrene
Concen: 4.482 ng
RT: 17.656 min Scan# 2411
Delta R.T. -0.009 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12



Tgt Ion:178 Resp: 58090
Ion Ratio Lower Upper
178 100
176 20.8 16.0 24.0
179 16.9 14.2 21.4





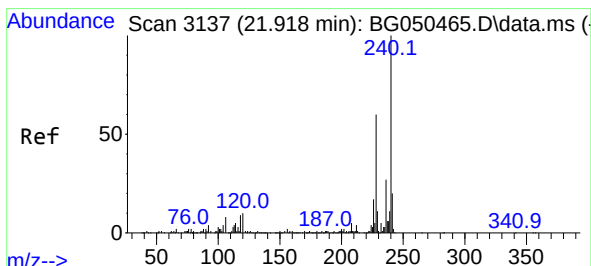
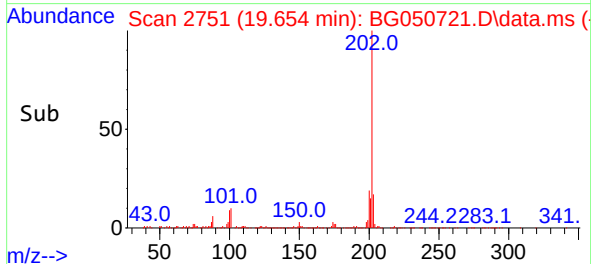
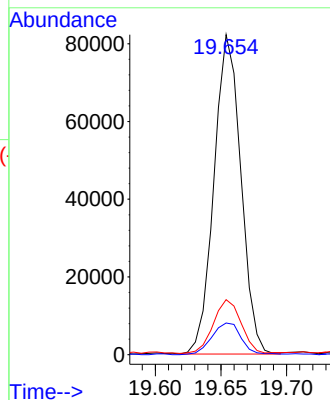
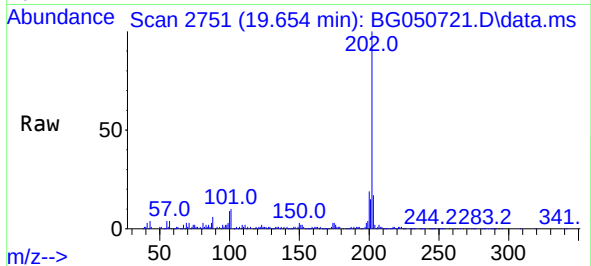
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Fluoranthene
Concen: 7.347 ng
RT: 19.654 min Scan# 2751
Delta R.T. -0.009 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12

Tgt Ion:	202	Resp:	117038
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	24.7
203	17.2	0.0	38.5

Instrument :
BNA_G
ClientSampled :
L-1RE

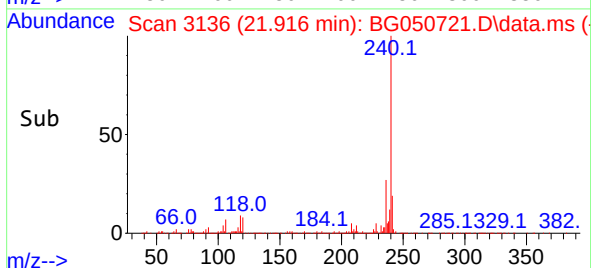
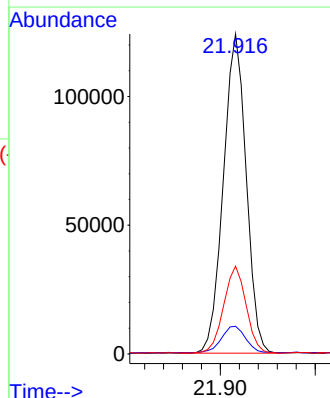
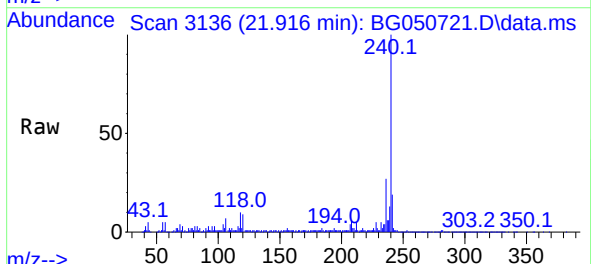
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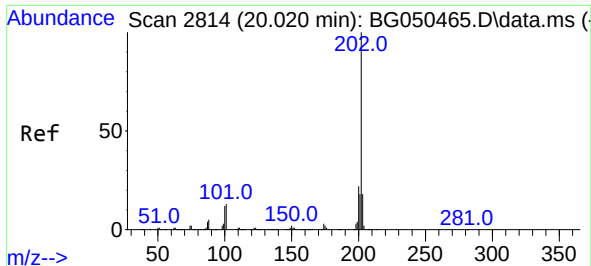
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12

Tgt Ion:	240	Resp:	207382
Ion Ratio	Lower	Upper	
240	100		
120	8.7	4.2	6.2#
236	27.5	21.8	32.6





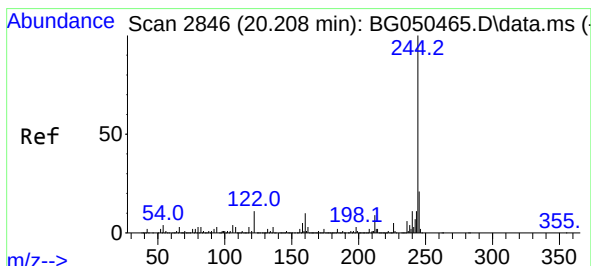
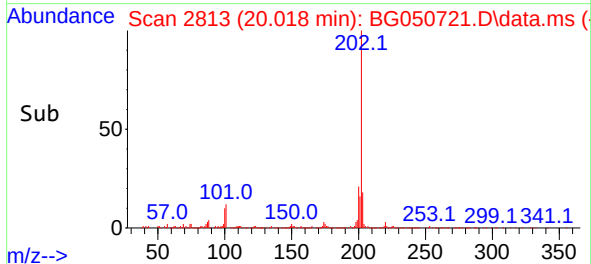
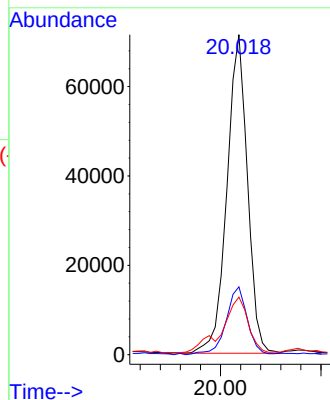
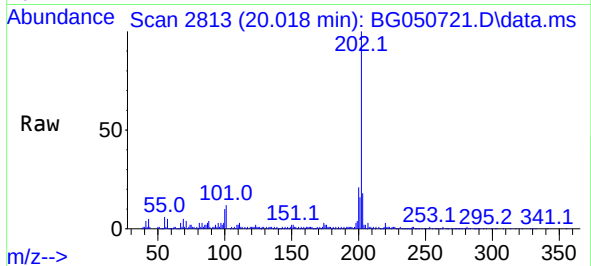
#78
Pyrene
Concen: 6.886 ng
RT: 20.018 min Scan# 2813
Delta R.T. -0.003 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12

Tgt Ion:202 Resp: 101318
Ion Ratio Lower Upper
202 100
200 21.2 15.8 23.8
203 18.0 14.6 21.8

Instrument :
BNA_G
ClientSampleId :
L-1RE

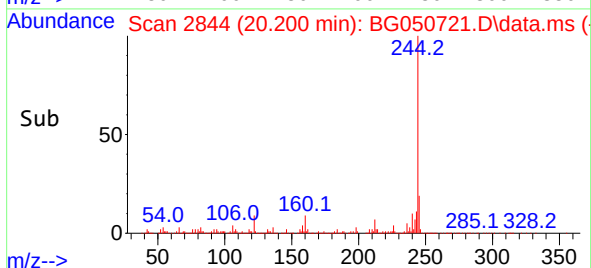
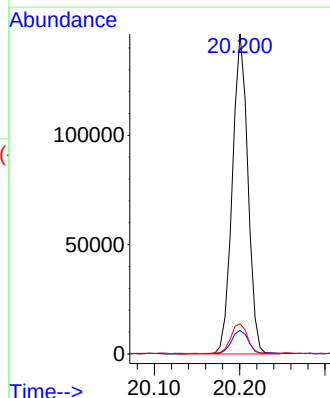
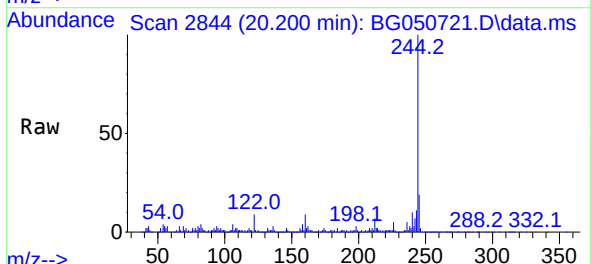
Manual Integrations
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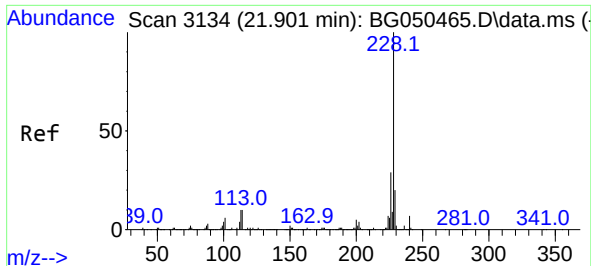
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#79
Terphenyl-d14
Concen: 17.418 ng
RT: 20.200 min Scan# 2844
Delta R.T. -0.009 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12

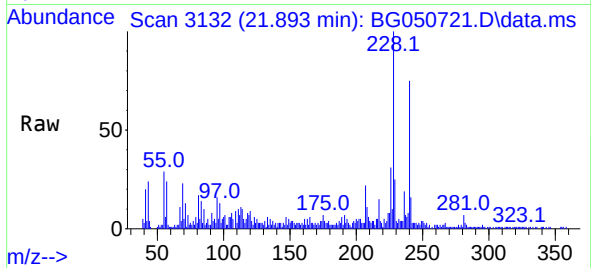
Tgt Ion:244 Resp: 185351
Ion Ratio Lower Upper
244 100
212 7.3 6.9 10.3
122 9.4 5.0 7.6#





#81
Benzo(a)anthracene
Concen: 3.178 ng
RT: 21.893 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12

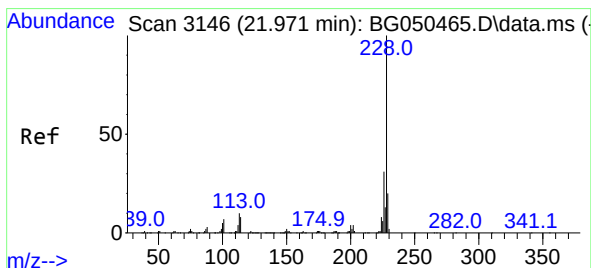
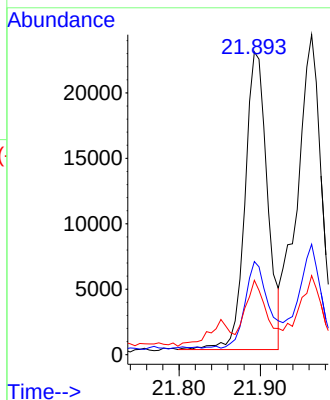
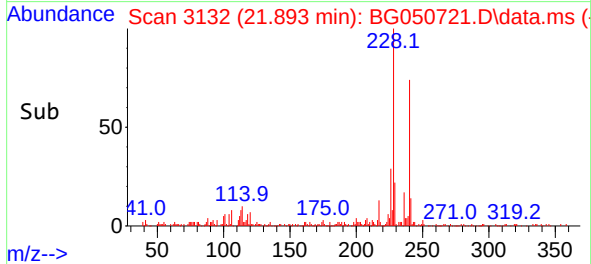
Instrument :
BNA_G
ClientSampled :
L-1RE



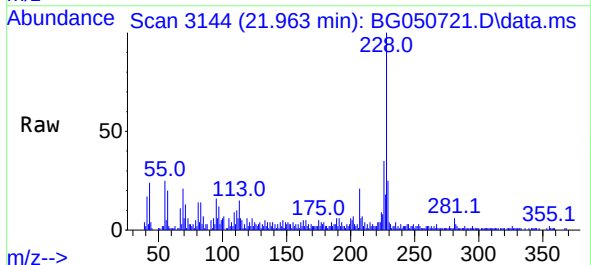
Tgt Ion:228 Resp: 43604
Ion Ratio Lower Upper
228 100
226 30.8 22.7 34.1
229 24.6 16.0 24.0#

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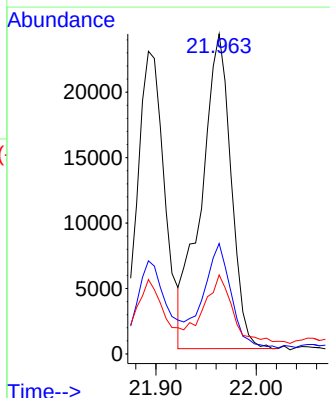
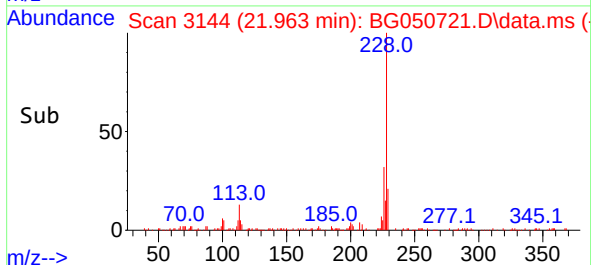
mohammad
10/26/2021 11:32:06 AM

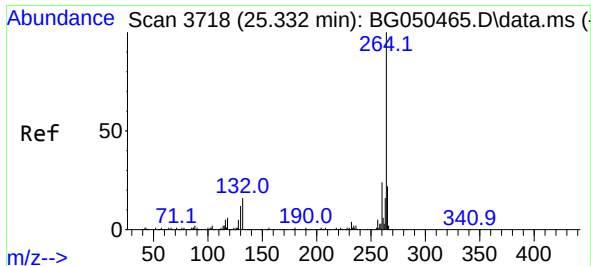


#83
Chrysene
Concen: 3.847 ng
RT: 21.963 min Scan# 3144
Delta R.T. -0.009 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12



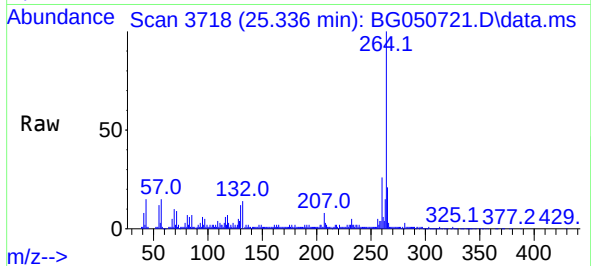
Tgt Ion:228 Resp: 49650
Ion Ratio Lower Upper
228 100
226 34.5 23.1 34.7
229 24.7 15.3 22.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.336 min Scan# 3718
Delta R.T. 0.003 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12

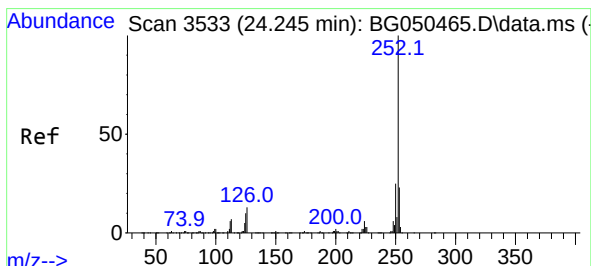
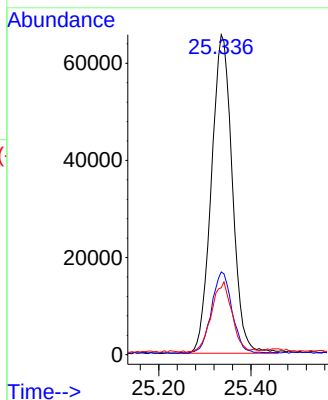
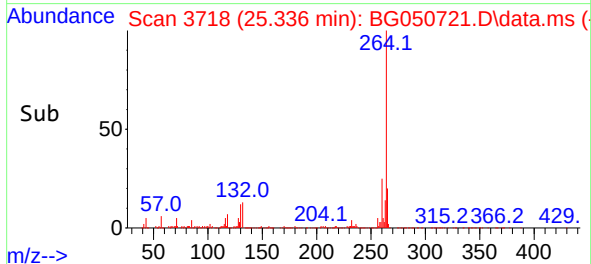
Instrument :
BNA_G
ClientSampled :
L-1RE



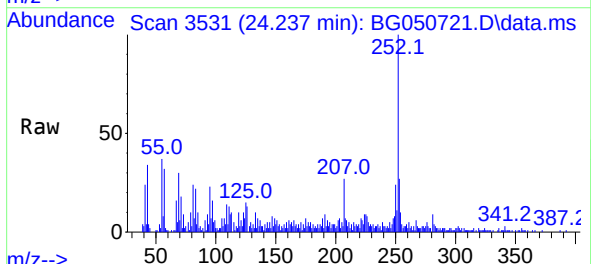
Tgt Ion:264 Resp: 206307
Ion Ratio Lower Upper
264 100
260 25.9 19.4 29.2
265 20.9 16.9 25.3

Manual Integrations
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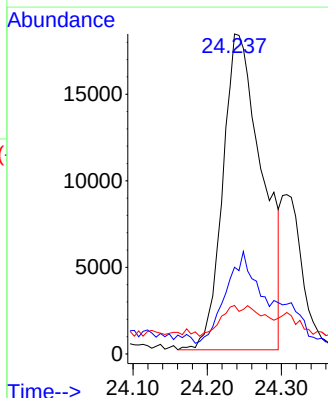
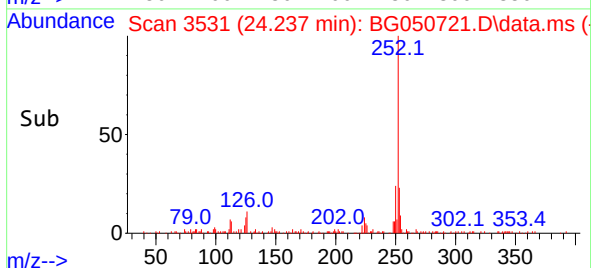
mohammad
10/26/2021 11:32:06 AM

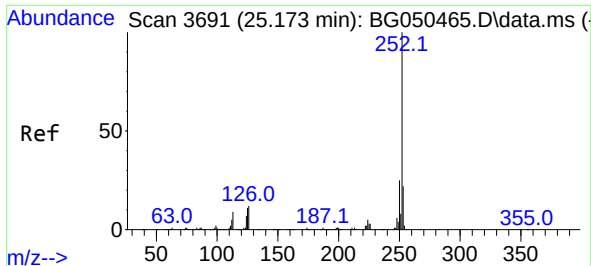


#88
Benzo(b)fluoranthene
Concen: 5.318 ng
RT: 24.237 min Scan# 3531
Delta R.T. -0.009 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12



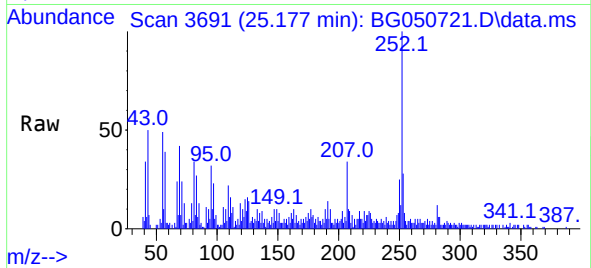
Tgt Ion:252 Resp: 67197
Ion Ratio Lower Upper
252 100
253 27.1 16.2 24.4#
125 15.1 3.0 4.4#





#90
Benzo(a)pyrene
Concen: 3.736 ng
RT: 25.177 min Scan# 3691
Delta R.T. 0.003 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12

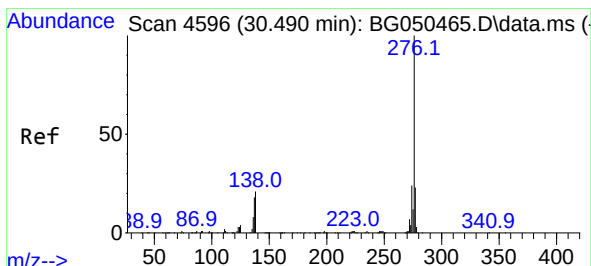
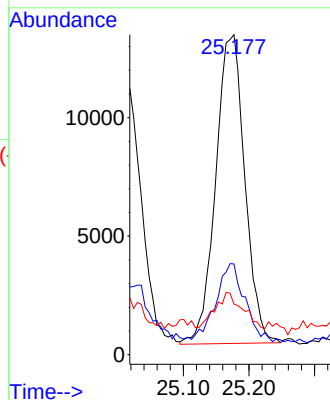
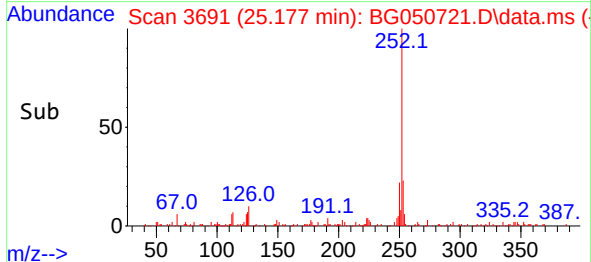
Instrument :
BNA_G
ClientSampled :
L-1RE



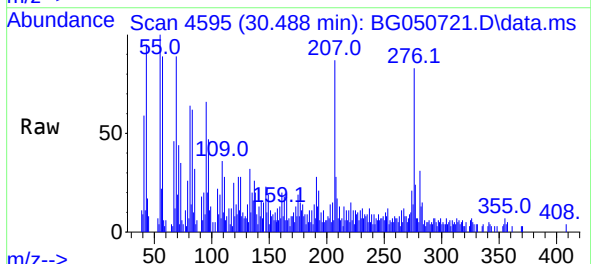
Tgt Ion:252 Resp: 40129
Ion Ratio Lower Upper
252 100
253 28.3 16.6 25.0#
125 15.8 3.5 5.3#

Manual Integrations
APPROVED

mohammad
10/26/2021 11:32:06 AM



#92
Benzo(g,h,i)perylene
Concen: 2.126 ng m
RT: 30.488 min Scan# 4595
Delta R.T. -0.009 min
Lab File: BG050721.D
Acq: 25 Oct 2021 22:12



Tgt Ion:276 Resp: 24747
Ion Ratio Lower Upper
276 100
277 28.9 18.4 27.6#
138 23.7 7.0 10.6#

