

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049818.D
 Acq On : 12 Aug 2021 15:04
 Operator : CG/JU
 Sample : M3335-01 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-080921

Manual Integrations
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Quant Time: Aug 12 15:38:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:15:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	34880	20.000	ng	0.00
21) Naphthalene-d8	10.856	136	151484	20.000	ng	0.00
39) Acenaphthene-d10	14.686	164	108287	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	211702	20.000	ng	# 0.00
76) Chrysene-d12	21.724	240	176040	20.000	ng	0.00
86) Perylene-d12	25.008	264	186213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	33188	17.057	ng	0.00
7) Phenol-d6	7.197	99	49882	16.936	ng	0.00
23) Nitrobenzene-d5	9.206	82	34481	10.073	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	23849	14.984	ng	0.00
45) 2-Fluorobiphenyl	13.306	172	77193	10.373	ng	0.00
79) Terphenyl-d14	20.050	244	105388	10.873	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.483	178	35625	3.199	ng	93
75) Fluoranthene	19.498	202	68628	5.007	ng	99
78) Pyrene	19.856	202	63812m	5.317	ng	
81) Benzo(a)anthracene	21.700	228	29364	2.561	ng	# 89
83) Chrysene	21.771	228	26135	2.385	ng	# 86
88) Benzo(b)fluoranthene	23.962	252	34326m	2.811	ng	
90) Benzo(a)pyrene	24.855	252	29210	2.643	ng	# 95

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

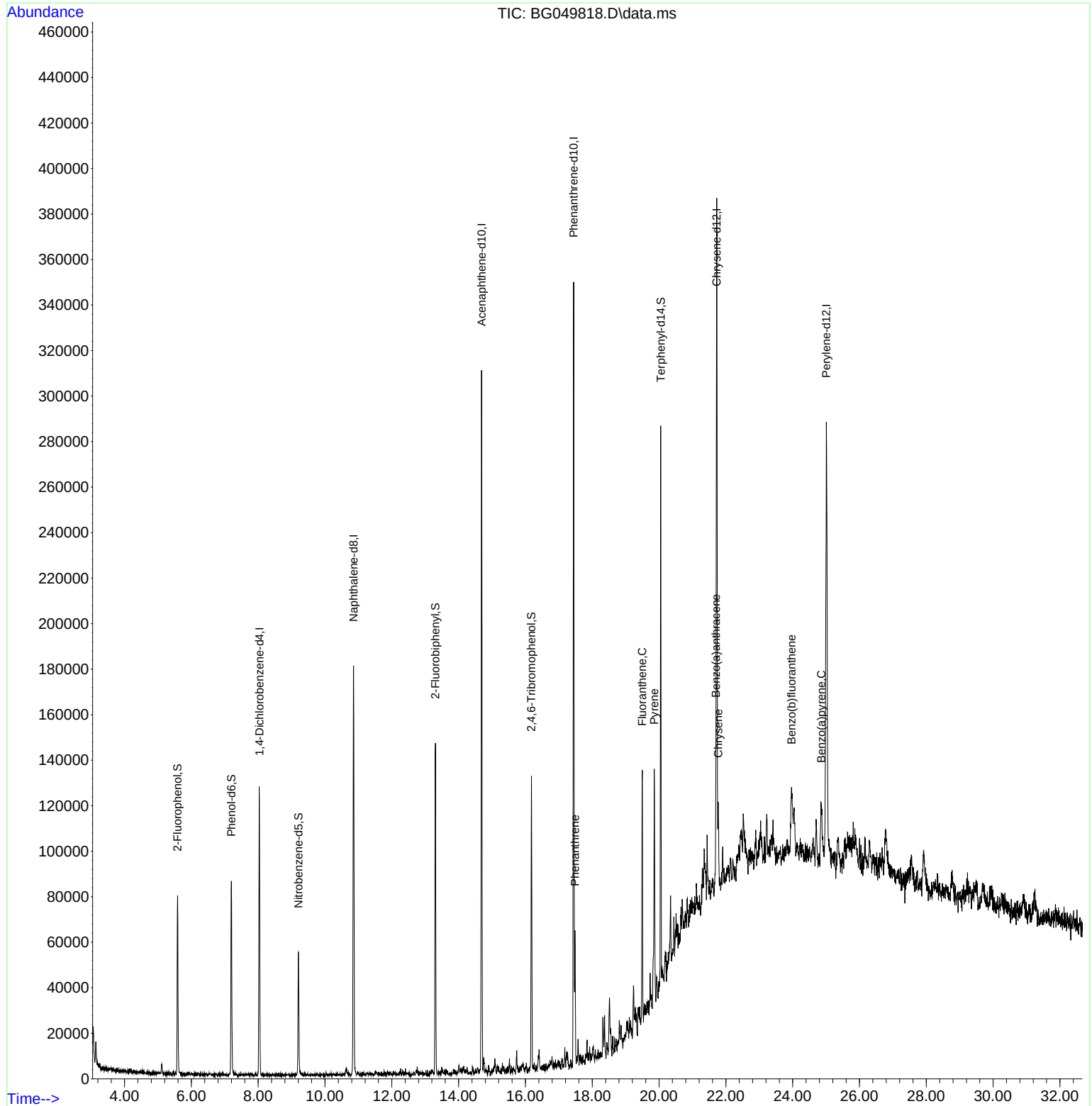
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049818.D
Acq On : 12 Aug 2021 15:04
Operator : CG/JU
Sample : M3335-01 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

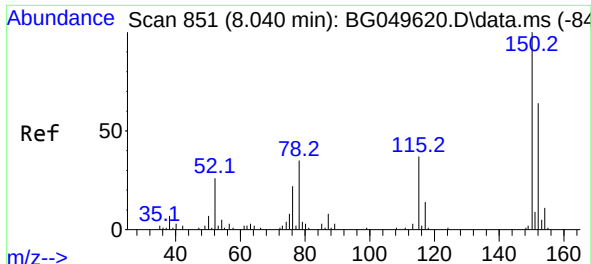
Instrument :
BNA_G
ClientSampleId :
OR-02-080921

Manual Integrations
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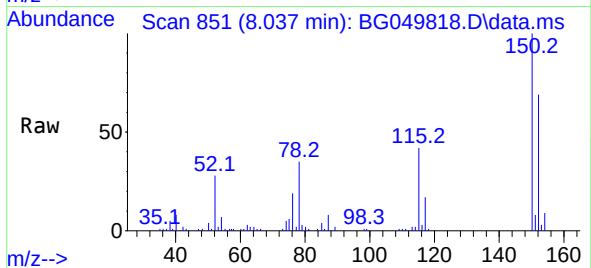
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Quant Time: Aug 12 15:38:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

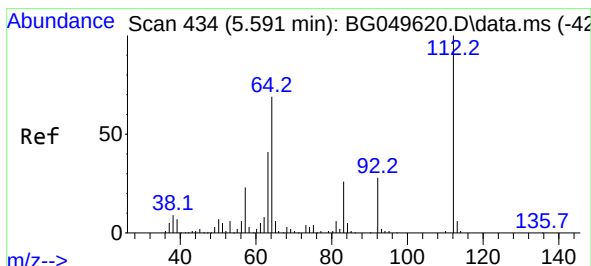
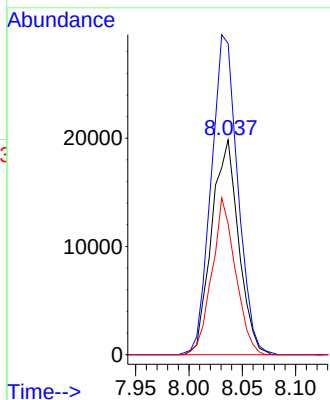
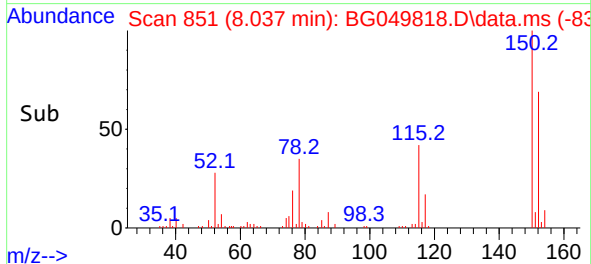




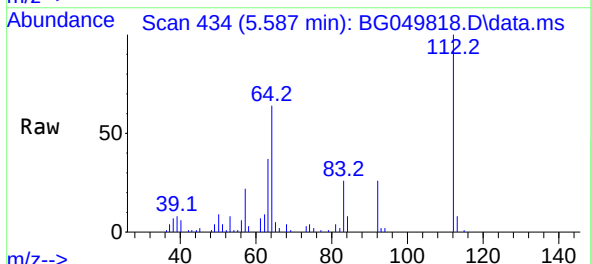
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 851
Delta R.T. -0.003 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04



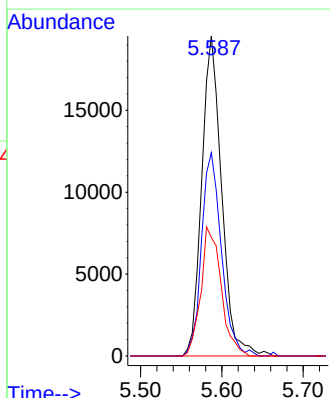
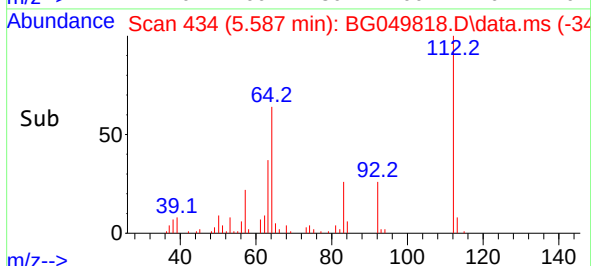
Tgt Ion:152 Resp: 34880
Ion Ratio Lower Upper
152 100
150 144.8 119.4 179.0
115 60.9 60.2 90.4



#5
2-Fluorophenol
Concen: 17.057 ng
RT: 5.587 min Scan# 434
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04



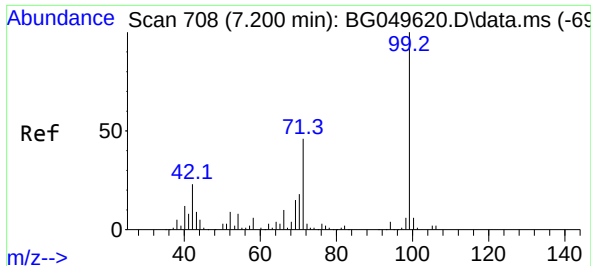
Tgt Ion:112 Resp: 33188
Ion Ratio Lower Upper
112 100
64 63.5 46.7 70.1
63 37.1 35.3 52.9



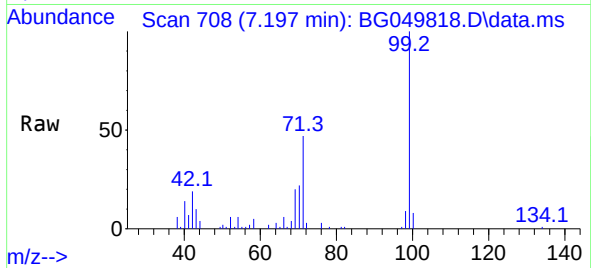
Instrument :
BNA_G
ClientSampleId :
OR-02-080921

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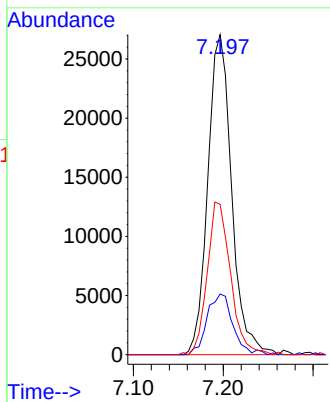
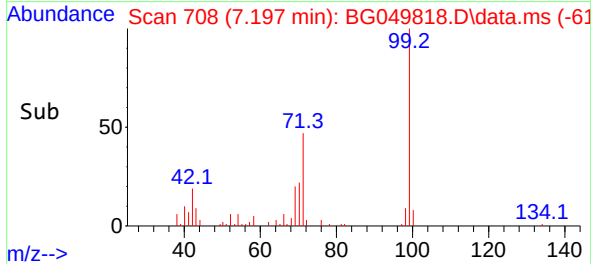
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#7
Phenol-d6
Concen: 16.936 ng
RT: 7.197 min Scan# 708
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04



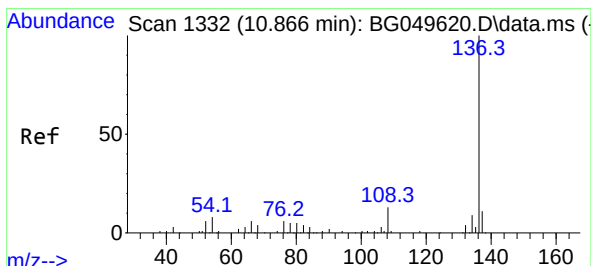
Tgt Ion: 99 Resp: 49882
Ion Ratio Lower Upper
99 100
42 19.0 20.5 30.7#
71 47.0 41.5 62.3



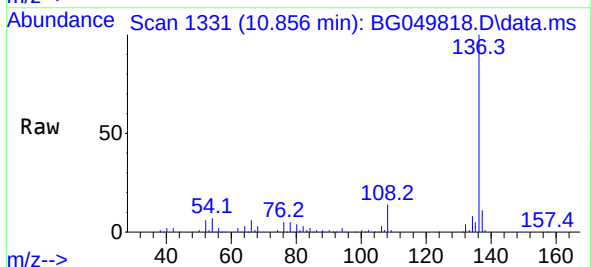
Instrument :
BNA_G
ClientSampleId :
OR-02-080921

Manual Integrations
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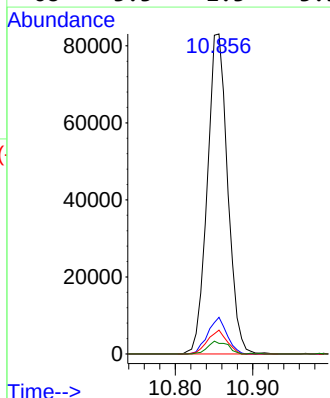
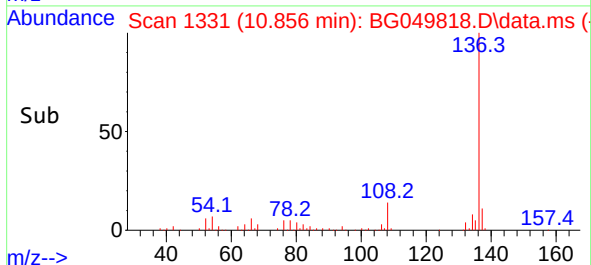
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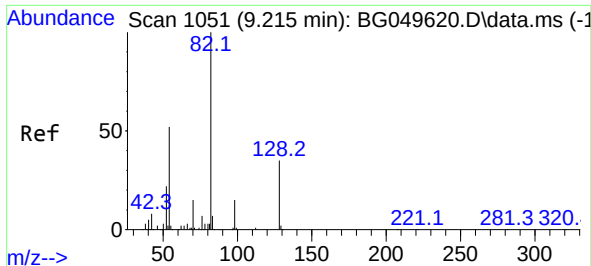


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.856 min Scan# 1331
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04



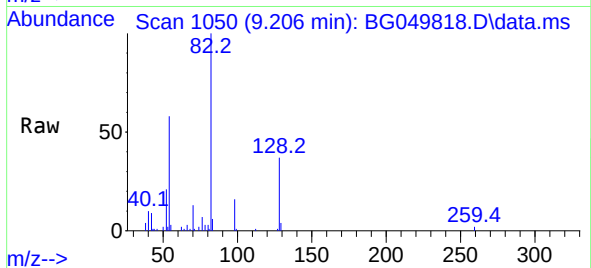
Tgt Ion: 136 Resp: 151484
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.2
54 7.4 5.5 8.3
68 3.3 2.3 3.5





#23
Nitrobenzene-d5
Concen: 10.073 ng
RT: 9.206 min Scan# 1050
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

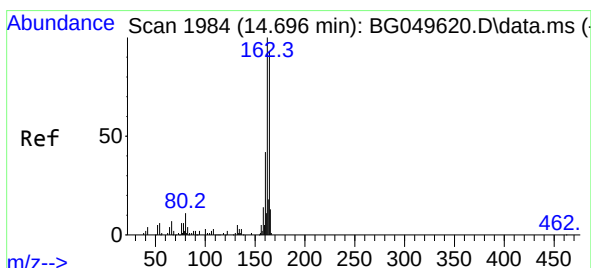
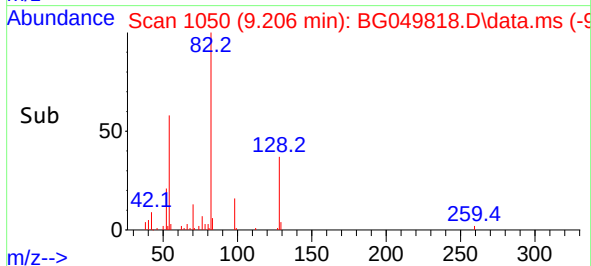
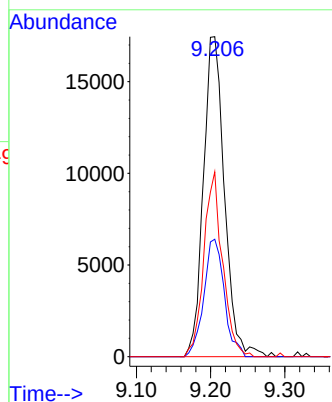
Instrument :
BNA_G
ClientSampleId :
OR-02-080921



Tgt Ion: 82 Resp: 34481
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 57.7 45.8 68.8

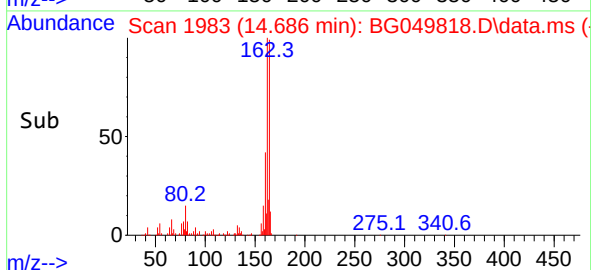
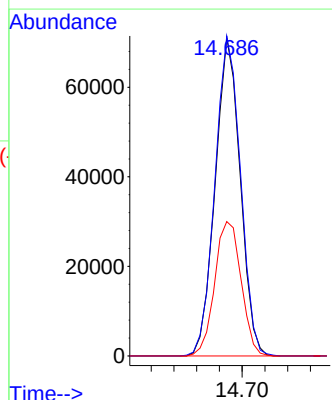
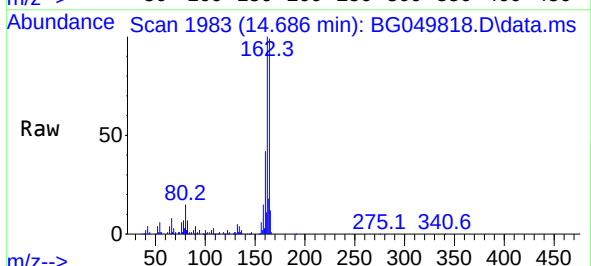
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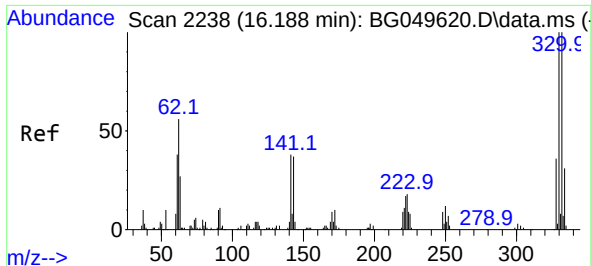
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.686 min Scan# 1983
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

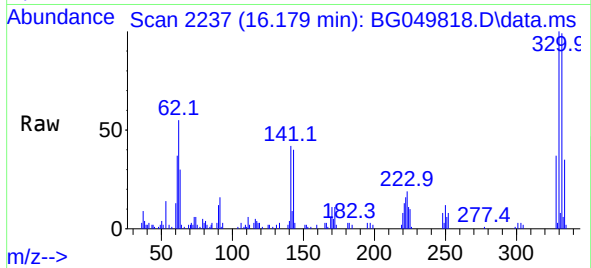
Tgt Ion: 164 Resp: 108287
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 42.2 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 14.984 ng
RT: 16.179 min Scan# 2237
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

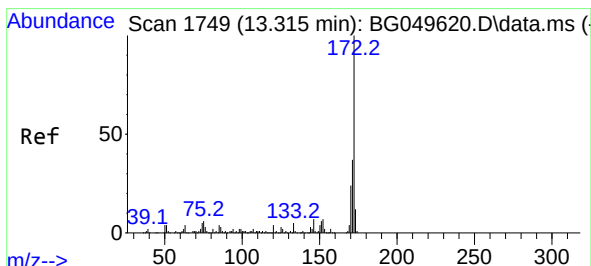
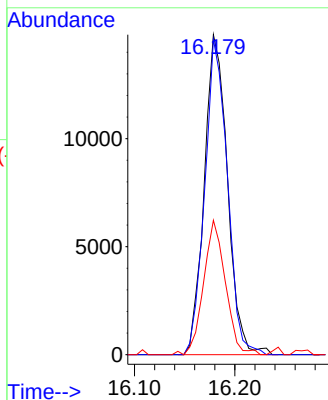
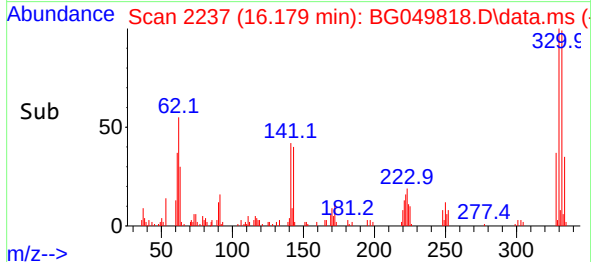
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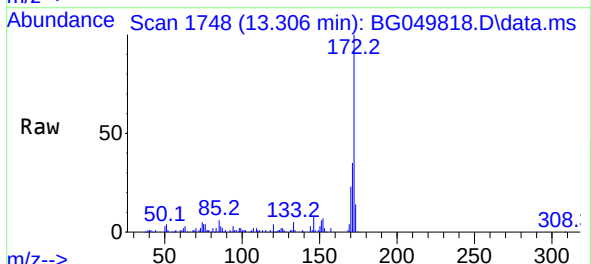
Tgt Ion:330 Resp: 23849
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 39.5 35.6 53.4

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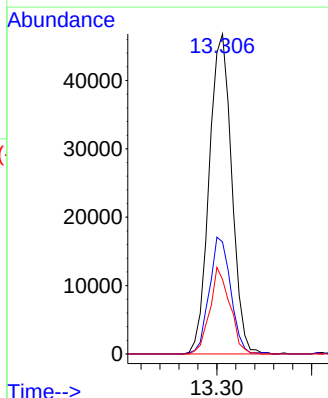
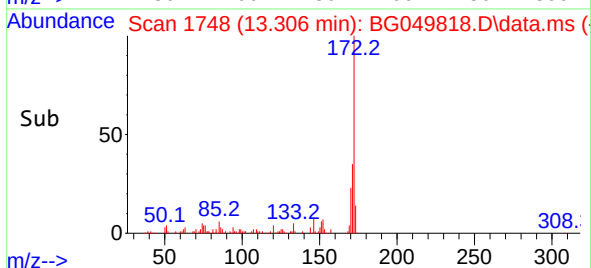
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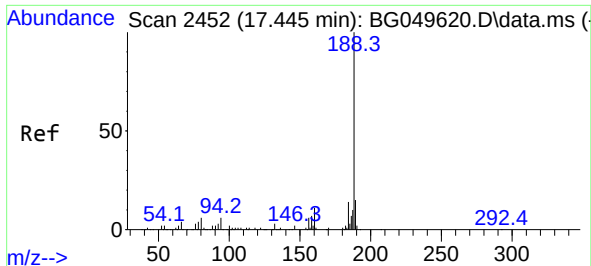


#45
2-Fluorobiphenyl
Concen: 10.373 ng
RT: 13.306 min Scan# 1748
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04



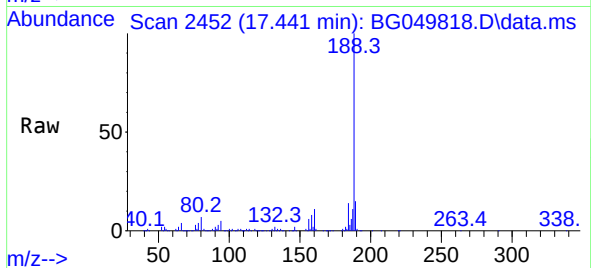
Tgt Ion:172 Resp: 77193
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.3 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.441 min Scan# 2452
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

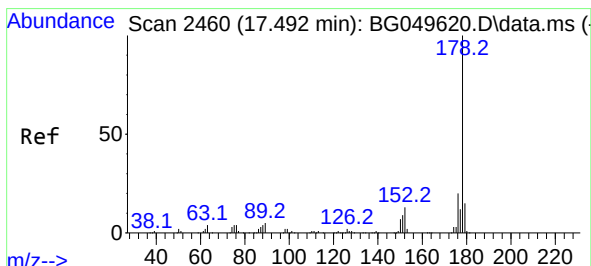
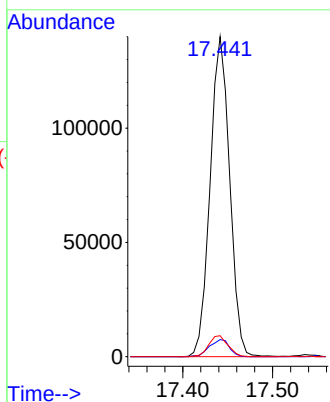
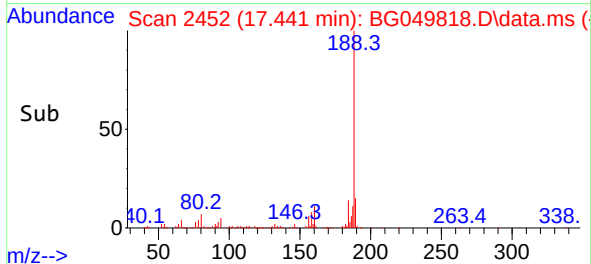
Instrument :
BNA_G
ClientSampleId :
OR-02-080921



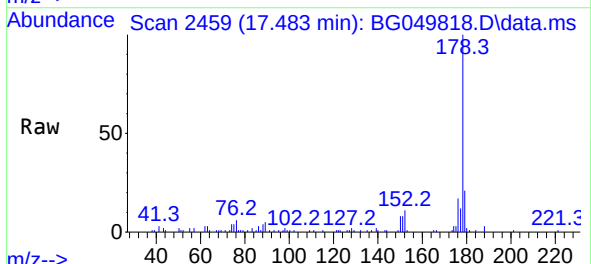
Tgt Ion:188 Resp: 211702
Ion Ratio Lower Upper
188 100
94 5.3 5.4 8.0#
80 6.6 3.7 5.5#

Manual Integrations
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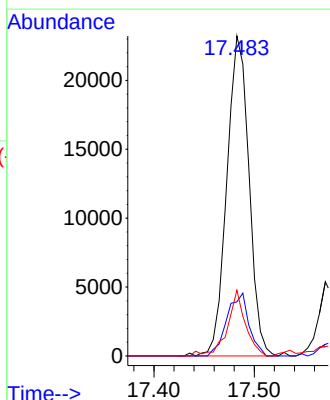
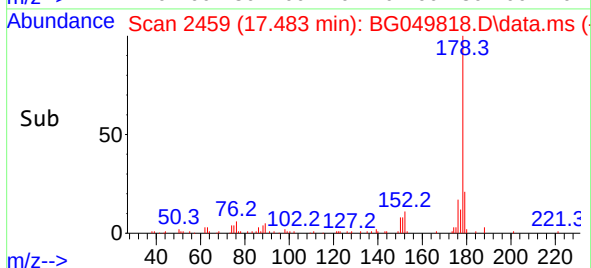
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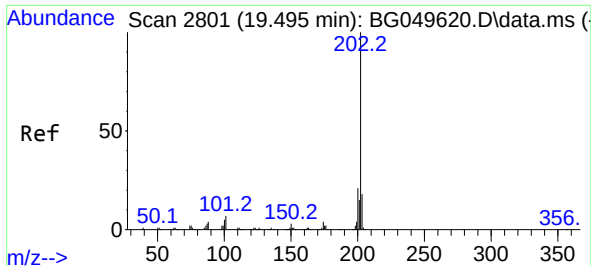


#71
Phenanthrene
Concen: 3.199 ng
RT: 17.483 min Scan# 2459
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04



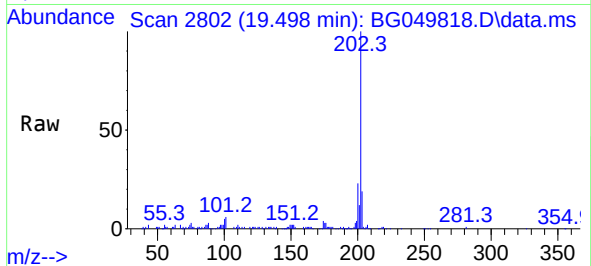
Tgt Ion:178 Resp: 35625
Ion Ratio Lower Upper
178 100
176 16.9 16.0 24.0
179 20.6 14.2 21.4





#75
Fluoranthene
Concen: 5.007 ng
RT: 19.498 min Scan# 2802
Delta R.T. 0.002 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

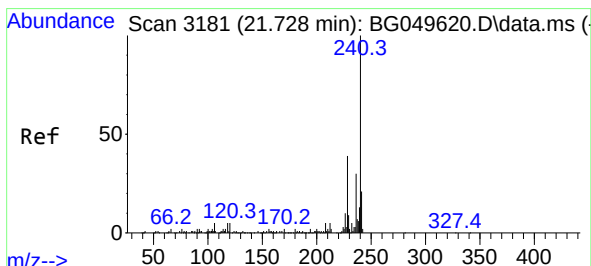
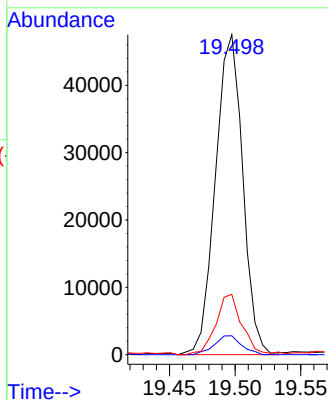
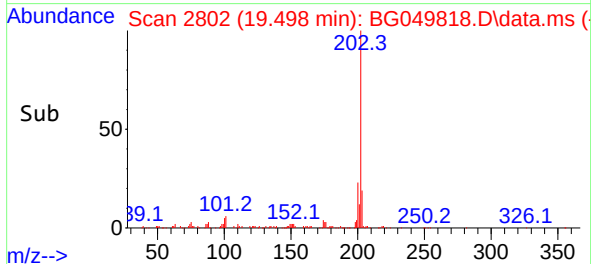
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OR-02-080921



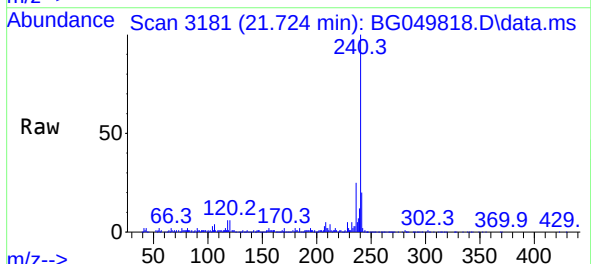
Tgt Ion:202 Resp: 68628
Ion Ratio Lower Upper
202 100
101 5.9 0.0 24.7
203 18.8 0.0 38.5

Manual Integrations
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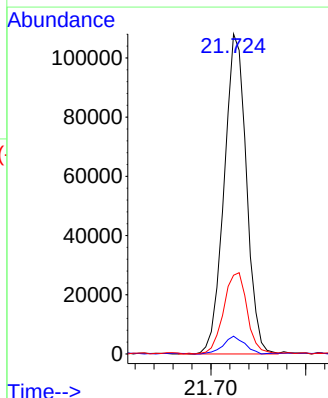
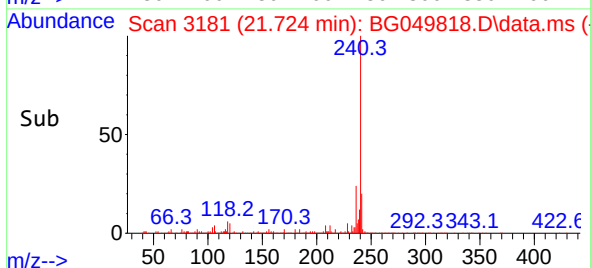
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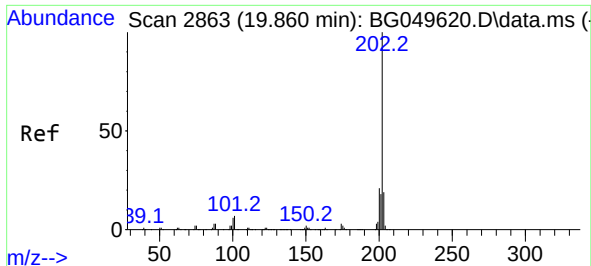


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.724 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04



Tgt Ion:240 Resp: 176040
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.2
236 24.6 21.8 32.6





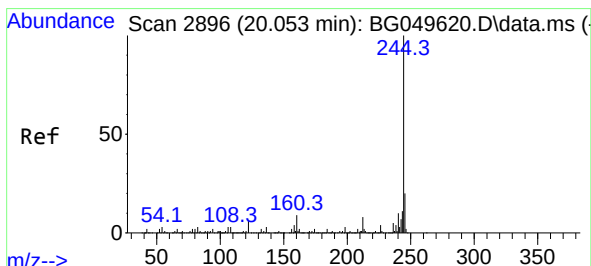
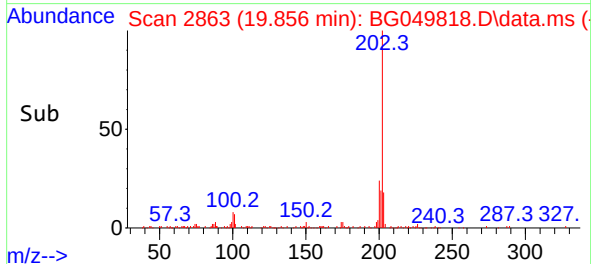
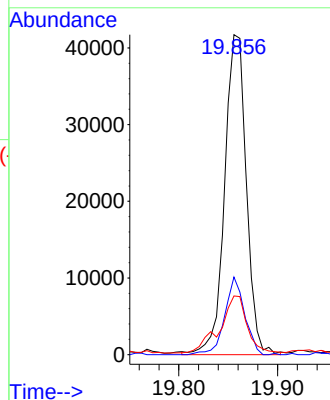
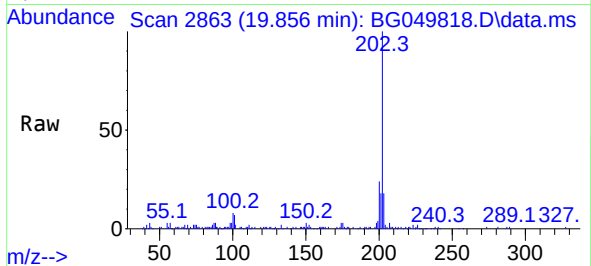
#78
Pyrene
Concen: 5.317 ng m
RT: 19.856 min Scan# 2863
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:202 Resp: 63812
Ion Ratio Lower Upper
202 100
200 24.2 15.8 23.8#
203 18.3 14.6 21.8

Instrument :
BNA_G
ClientSampleId :
OR-02-080921

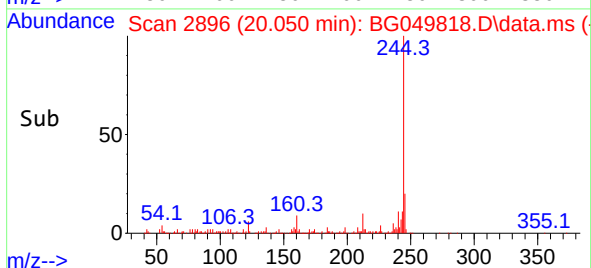
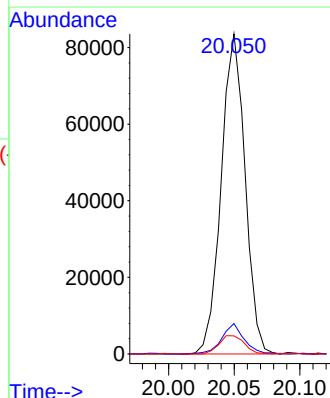
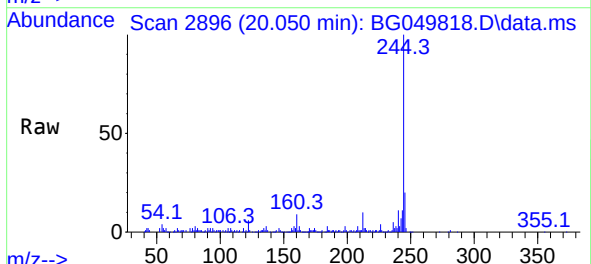
Manual Integrations
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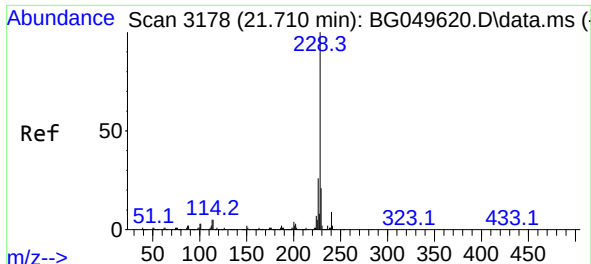
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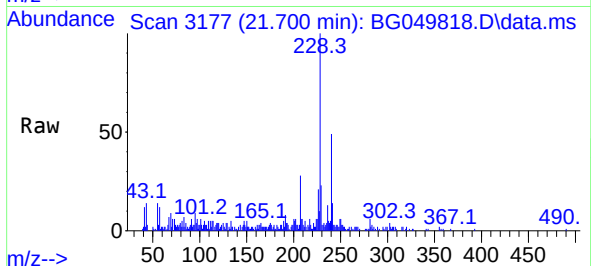
#79
Terphenyl-d14
Concen: 10.873 ng
RT: 20.050 min Scan# 2896
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

Tgt Ion:244 Resp: 105388
Ion Ratio Lower Upper
244 100
212 9.5 6.9 10.3
122 5.6 5.0 7.6

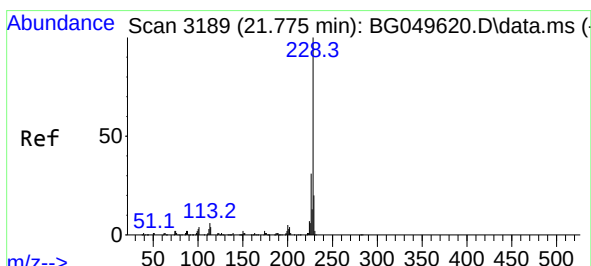
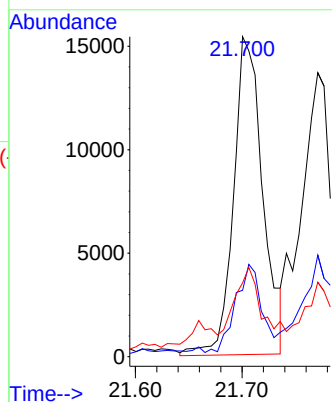
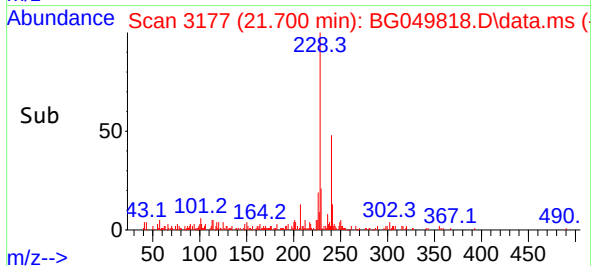




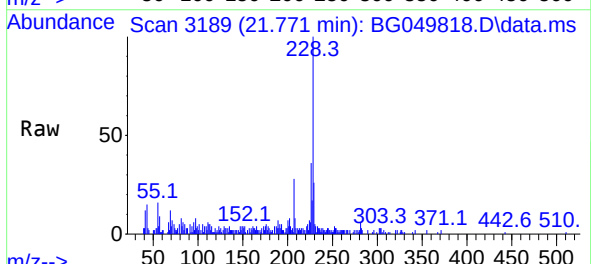
#81
Benzo(a)anthracene
Concen: 2.561 ng
RT: 21.700 min Scan# 3177
Delta R.T. -0.010 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04



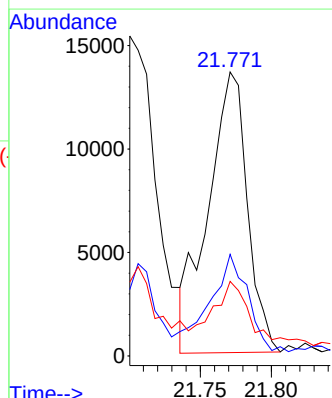
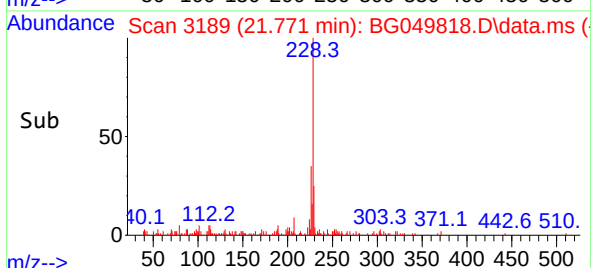
Tgt Ion:228 Resp: 29364
Ion Ratio Lower Upper
228 100
226 20.8 22.7 34.1#
229 23.0 16.0 24.0



#83
Chrysene
Concen: 2.385 ng
RT: 21.771 min Scan# 3189
Delta R.T. -0.004 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04



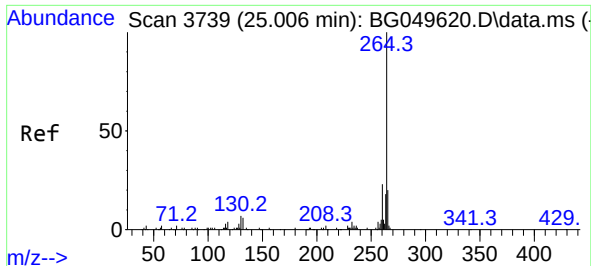
Tgt Ion:228 Resp: 26135
Ion Ratio Lower Upper
228 100
226 35.8 23.1 34.7#
229 26.2 15.3 22.9#



Instrument :
BNA_G
ClientSampleId :
OR-02-080921

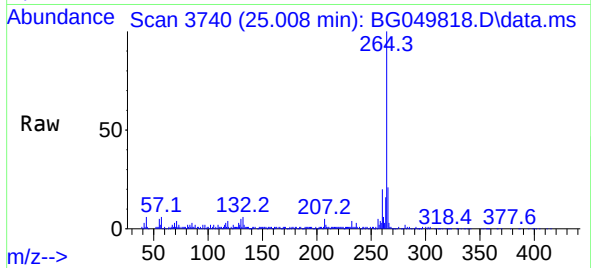
Manual Integrations
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#86
Perylene-d12
Concen: 20.000 ng
RT: 25.008 min Scan# 3740
Delta R.T. 0.002 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

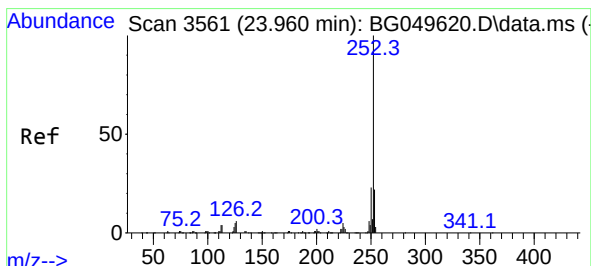
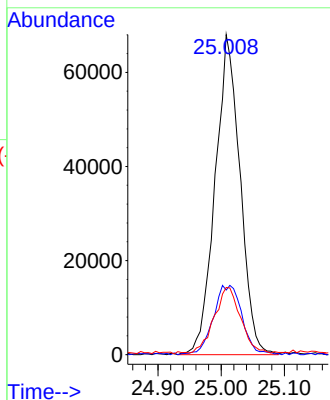
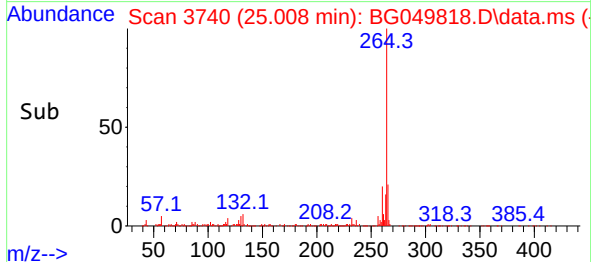
Instrument :
BNA_G
ClientSampleId :
OR-02-080921



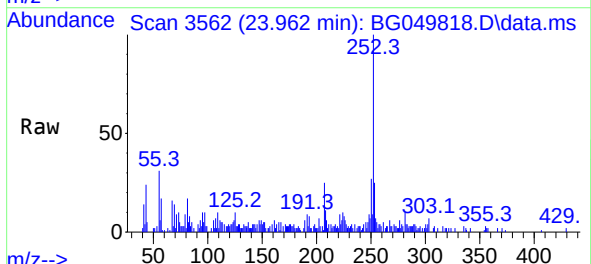
Tgt Ion:264 Resp: 186213
Ion Ratio Lower Upper
264 100
260 20.2 19.4 29.2
265 21.0 16.9 25.3

Manual Integrations
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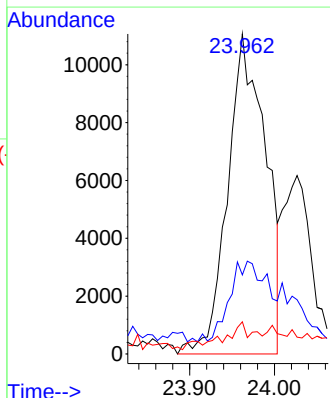
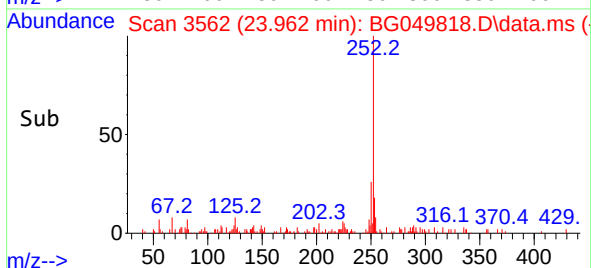
mohammad
8/13/2021 5:12:47 PM

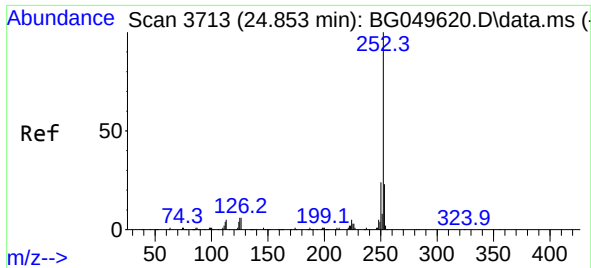


#88
Benzo(b)fluoranthene
Concen: 2.811 ng m
RT: 23.962 min Scan# 3562
Delta R.T. 0.002 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04

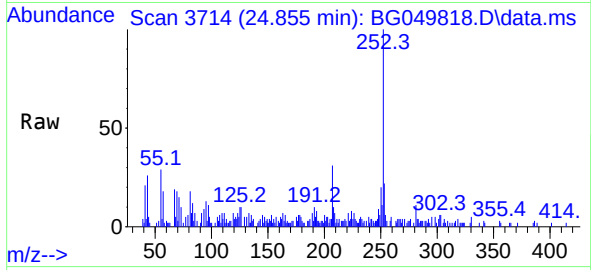


Tgt Ion:252 Resp: 34326
Ion Ratio Lower Upper
252 100
253 24.7 16.2 24.4#
125 10.1 3.0 4.4#

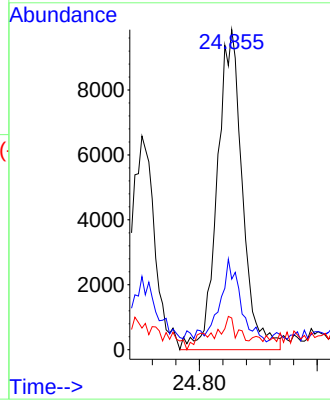
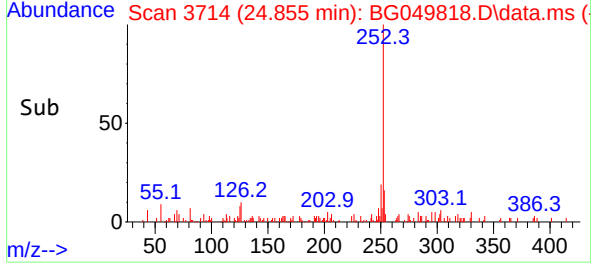




#90
Benzo(a)pyrene
Concen: 2.643 ng
RT: 24.855 min Scan# 3714
Delta R.T. 0.002 min
Lab File: BG049818.D
Acq: 12 Aug 2021 15:04



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.6	25.0
125	9.9	3.5	5.3#



Instrument :
BNA_G
ClientSampleId :
OR-02-080921

Manual Integrations
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8/13/2021 5:12:47 PM