

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
 Data File : BG049825.D
 Acq On : 12 Aug 2021 19:57
 Operator : CG/JU
 Sample : M3331-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BSY1-SB-121314-0-3

Manual Integrations
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Quant Time: Aug 13 02:15:04 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	37217	20.000	ng	0.00
21) Naphthalene-d8	10.857	136	155864	20.000	ng	# 0.00
39) Acenaphthene-d10	14.687	164	101454	20.000	ng	0.00
64) Phenanthrene-d10	17.442	188	189119	20.000	ng	# 0.00
76) Chrysene-d12	21.725	240	155966	20.000	ng	0.00
86) Perylene-d12	25.014	264	157357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.588	112	217729	104.872	ng	0.00
7) Phenol-d6	7.203	99	306361	97.482	ng	0.00
23) Nitrobenzene-d5	9.206	82	226701	64.362	ng	0.00
42) 2,4,6-Tribromophenol	16.185	330	142293	95.419	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	472136	67.715	ng	0.00
79) Terphenyl-d14	20.050	244	566729	65.995	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.492	202	50678	4.139	ng	98
78) Pyrene	19.857	202	48239m	4.537	ng	
81) Benzo(a)anthracene	21.707	228	26322m	2.591	ng	
83) Chrysene	21.778	228	35533	3.660	ng	96
88) Benzo(b)fluoranthene	23.969	252	64280	6.229	ng	# 96
90) Benzo(a)pyrene	24.856	252	27549	2.950	ng	# 93

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

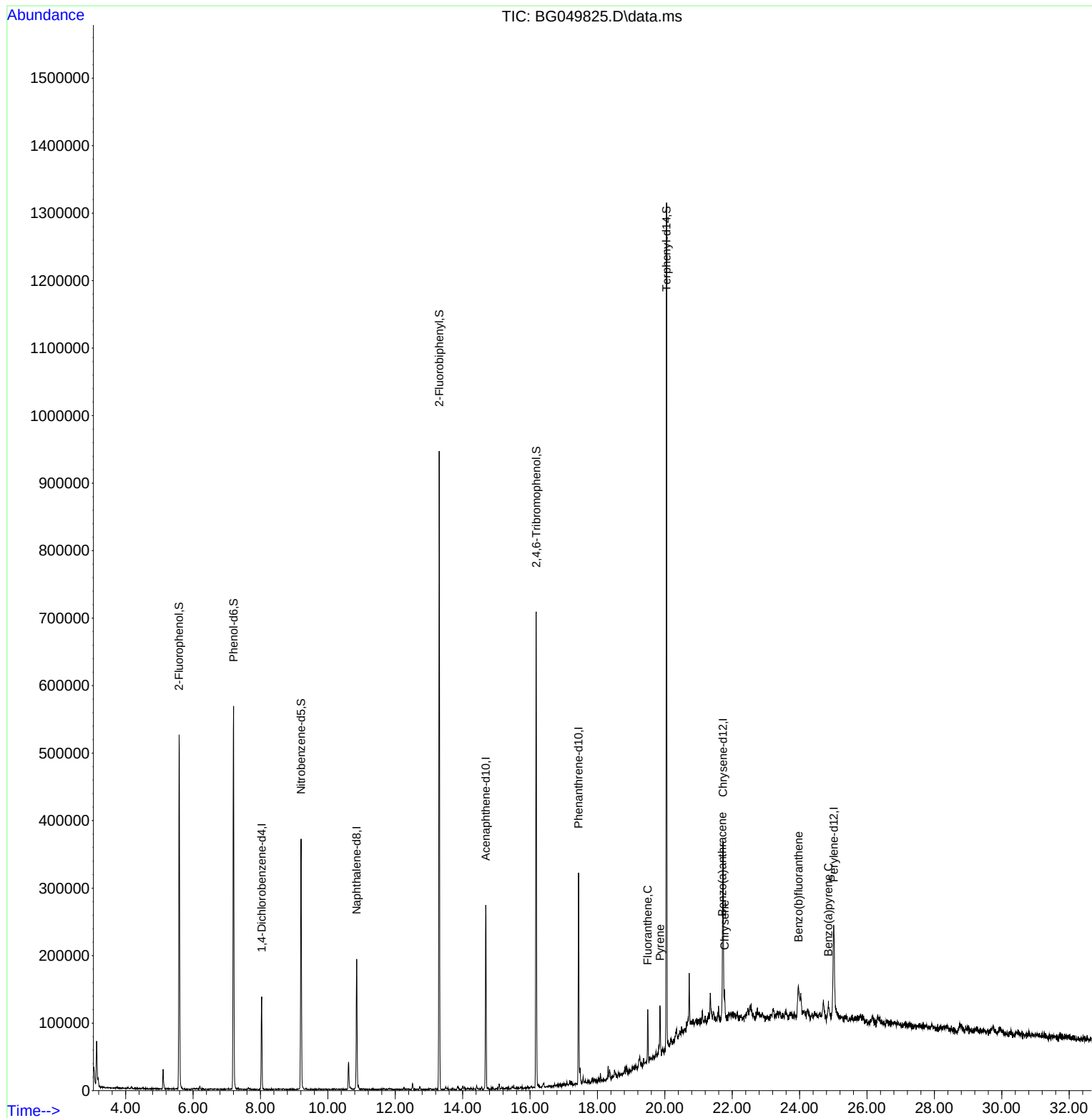
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049825.D
Acq On : 12 Aug 2021 19:57
Operator : CG/JU
Sample : M3331-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

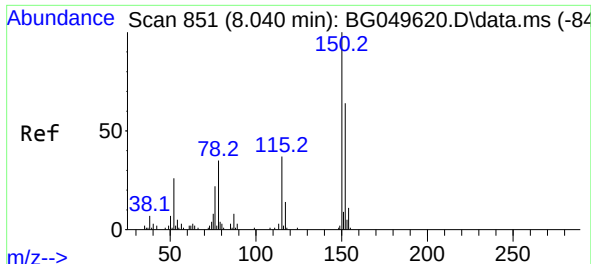
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-121314-0-3

Manual Integrations
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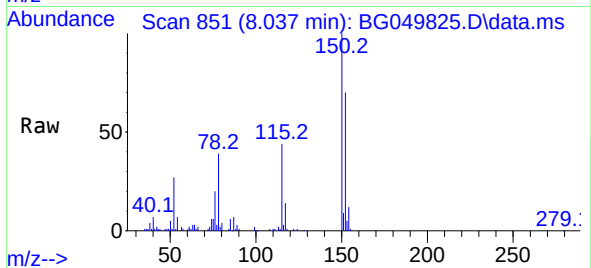
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Quant Time: Aug 13 02:15:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

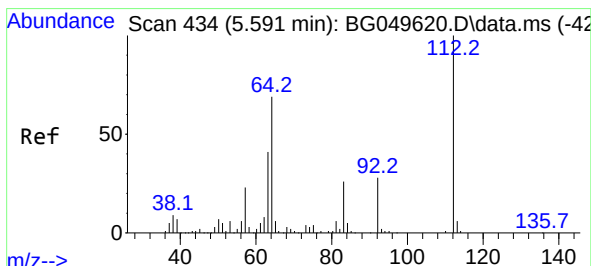
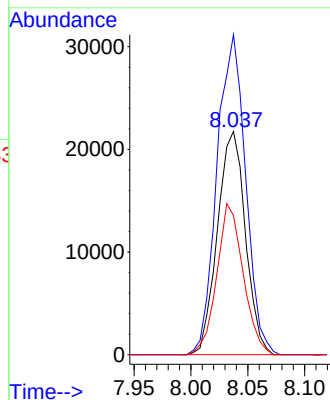
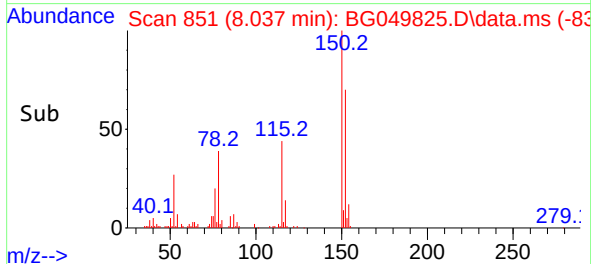




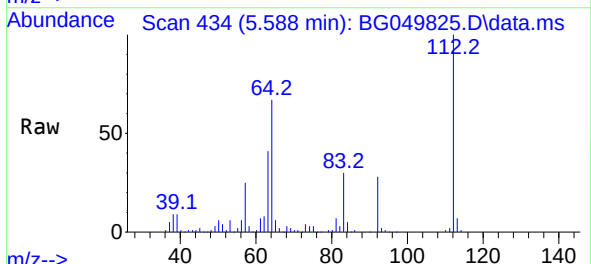
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.037 min Scan# 851
Delta R.T. -0.003 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57



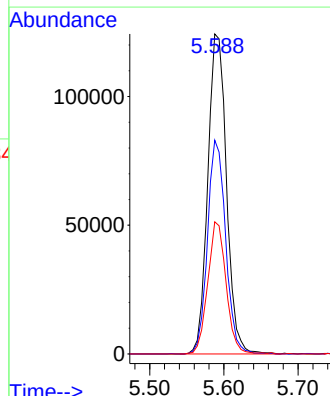
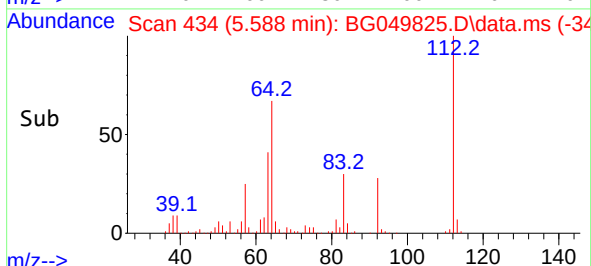
Tgt Ion:152 Resp: 37217
Ion Ratio Lower Upper
152 100
150 143.3 119.4 179.0
115 62.4 60.2 90.4



#5
2-Fluorophenol
Concen: 104.872 ng
RT: 5.588 min Scan# 434
Delta R.T. -0.003 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57



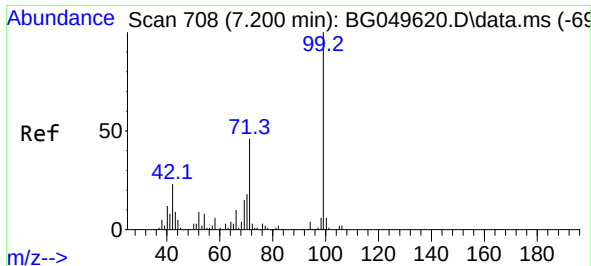
Tgt Ion:112 Resp: 217729
Ion Ratio Lower Upper
112 100
64 66.8 46.7 70.1
63 41.3 35.3 52.9



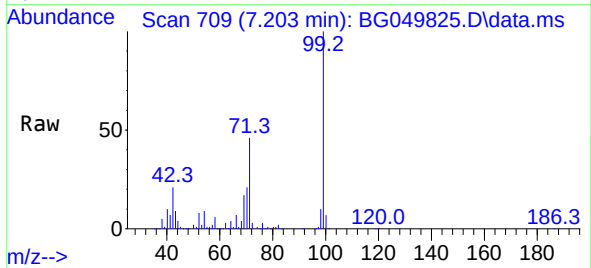
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-121314-0-3

Manual Integrations
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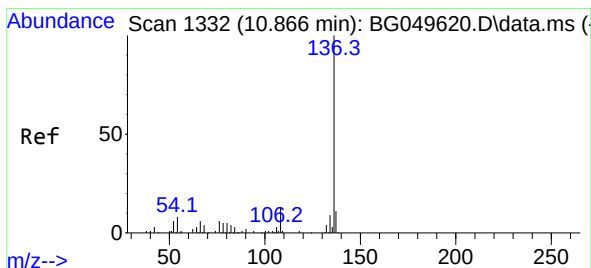
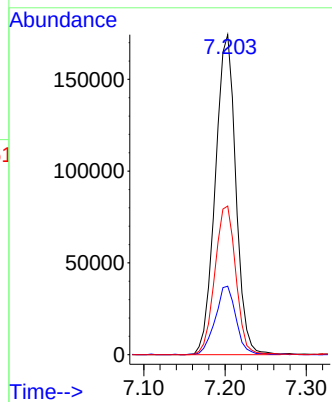
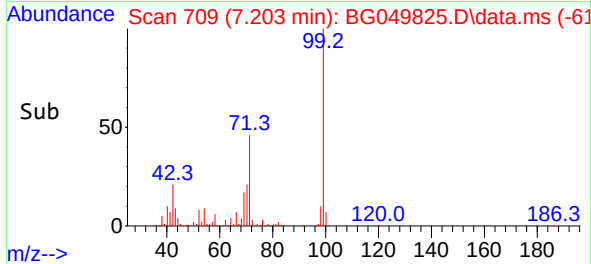
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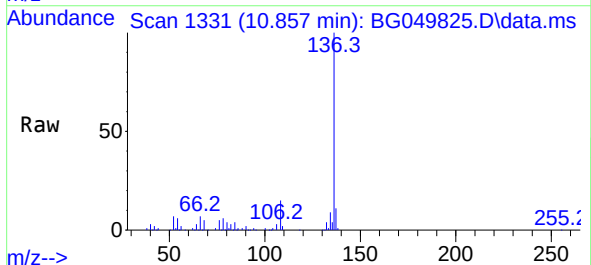
#7
Phenol-d6
Concen: 97.482 ng
RT: 7.203 min Scan# 709
Delta R.T. 0.003 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57



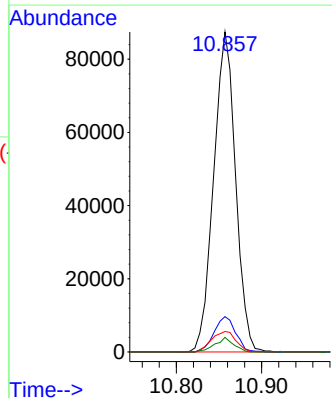
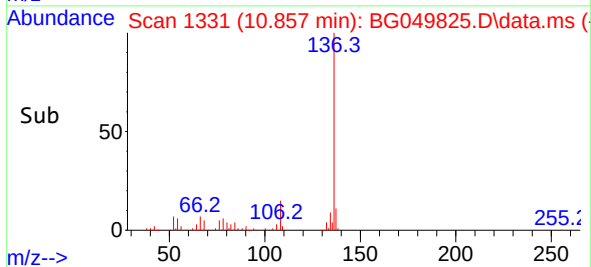
Tgt Ion: 99 Resp: 306361
Ion Ratio Lower Upper
99 100
42 21.4 20.5 30.7
71 46.5 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.857 min Scan# 1331
Delta R.T. -0.009 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57



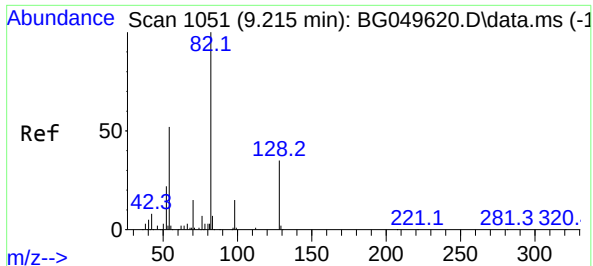
Tgt Ion: 136 Resp: 155864
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 6.4 5.5 8.3
68 4.6 2.3 3.5#



Instrument :
BNA_G
ClientSampleId :
BSY1-SB-121314-0-3

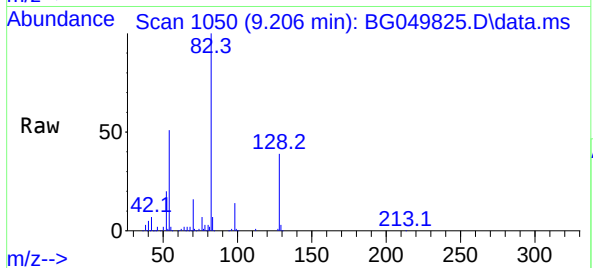
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#23
Nitrobenzene-d5
Concen: 64.362 ng
RT: 9.206 min Scan# 1050
Delta R.T. -0.009 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57

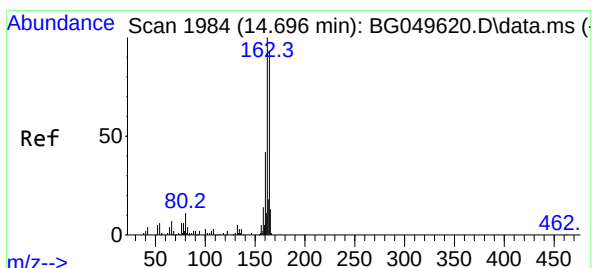
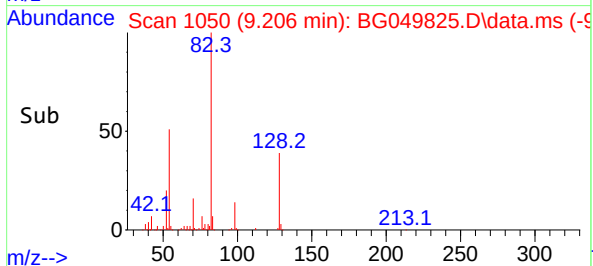
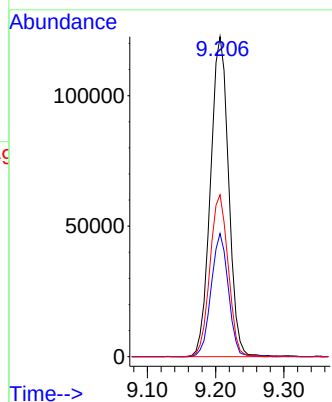
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-121314-0-3



Tgt Ion: 82 Resp: 226701
Ion Ratio Lower Upper
82 100
128 38.5 29.8 44.6
54 50.6 45.8 68.8

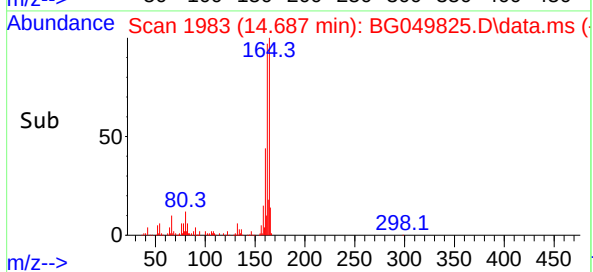
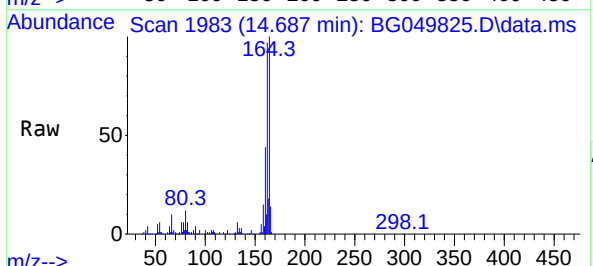
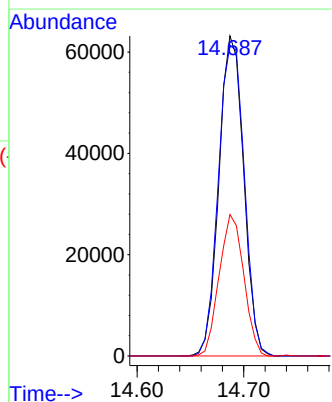
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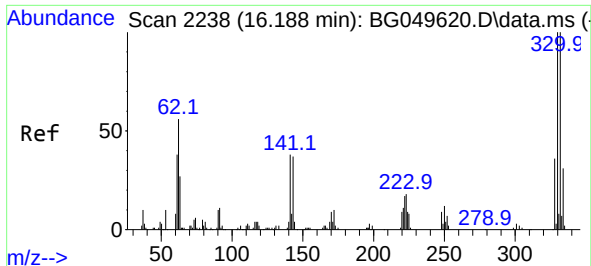
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1983
Delta R.T. -0.009 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57

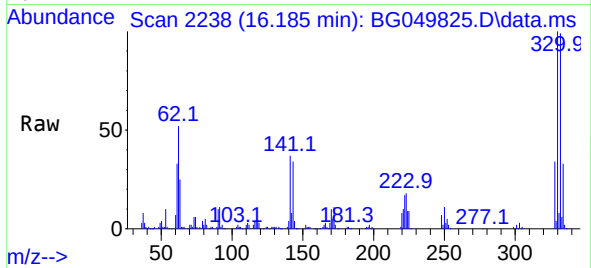
Tgt Ion: 164 Resp: 101454
Ion Ratio Lower Upper
164 100
162 97.1 81.4 122.0
160 44.2 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 95.419 ng
RT: 16.185 min Scan# 2238
Delta R.T. -0.003 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57

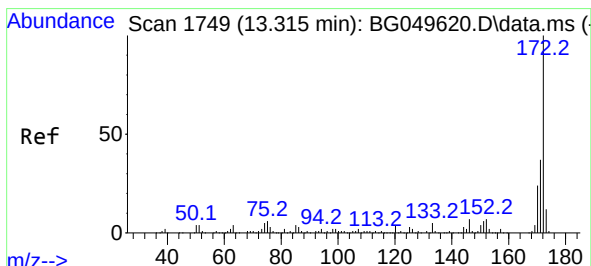
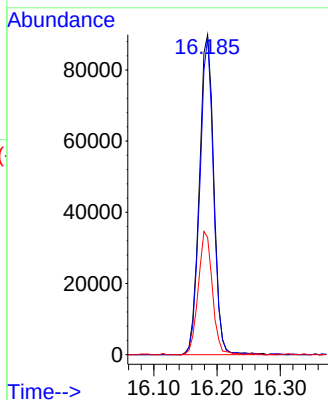
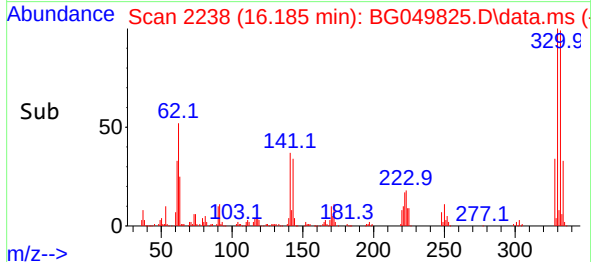
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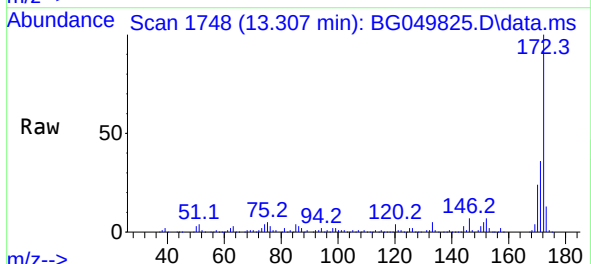
Tgt Ion:330 Resp: 142293
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 37.7 35.6 53.4

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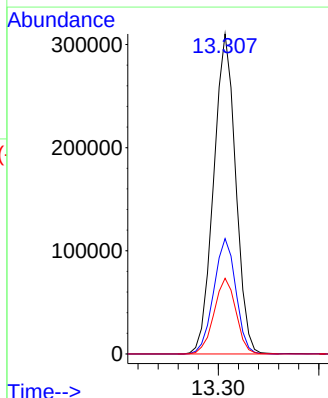
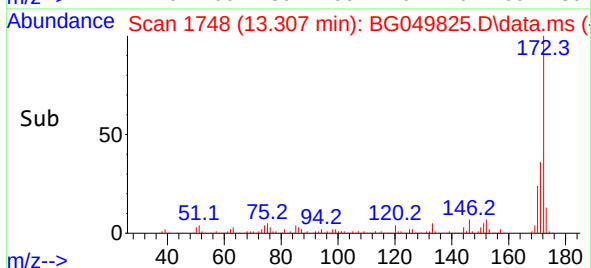
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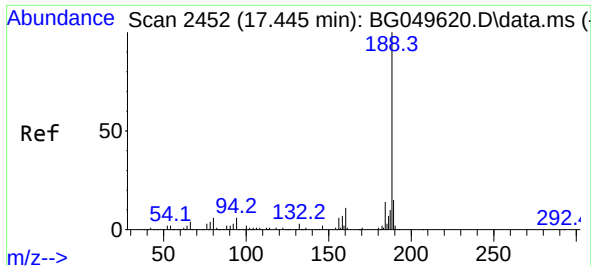


#45
2-Fluorobiphenyl
Concen: 67.715 ng
RT: 13.307 min Scan# 1748
Delta R.T. -0.009 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57



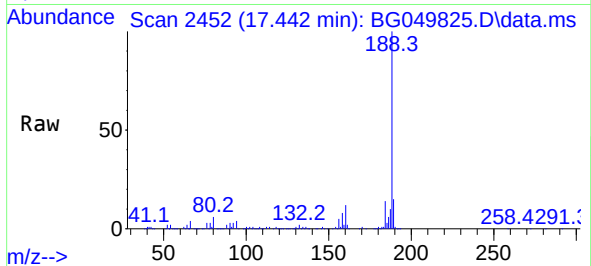
Tgt Ion:172 Resp: 472136
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.7 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.442 min Scan# 2452
Delta R.T. -0.003 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57

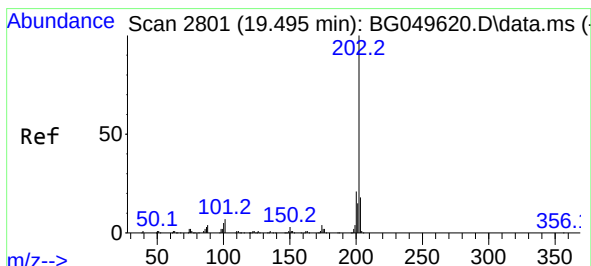
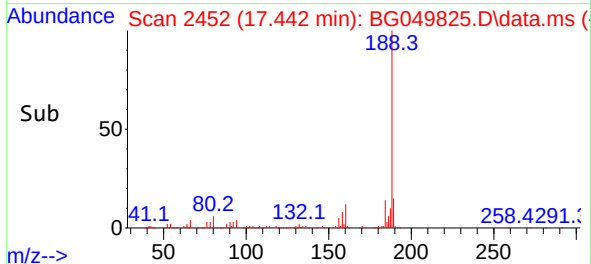
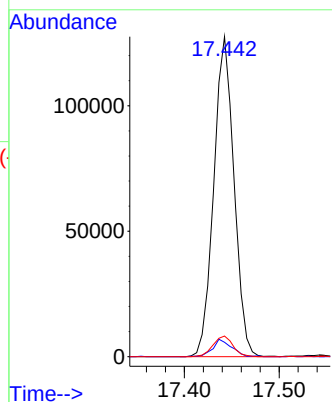
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-121314-0-3



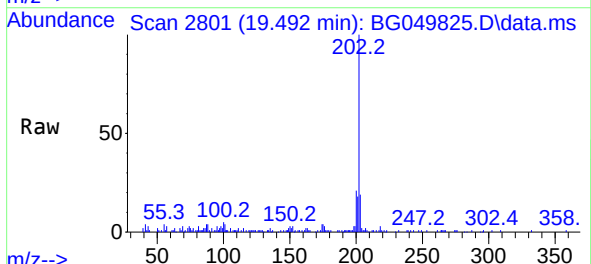
Tgt Ion:188 Resp: 189119
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0#
80 6.5 3.7 5.5#

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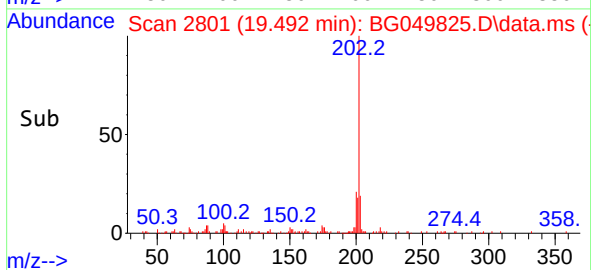
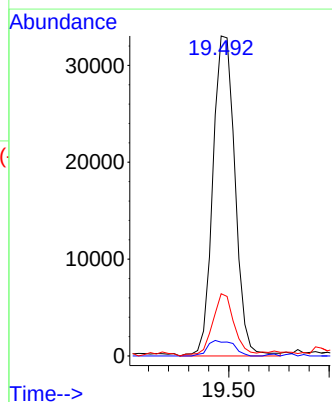
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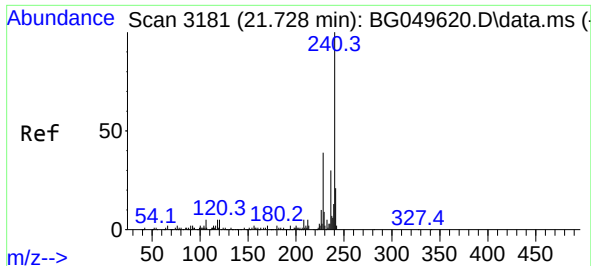


#75
Fluoranthene
Concen: 4.139 ng
RT: 19.492 min Scan# 2801
Delta R.T. -0.003 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57

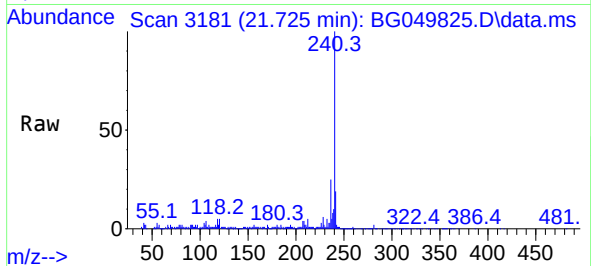


Tgt Ion:202 Resp: 50678
Ion Ratio Lower Upper
202 100
101 4.3 0.0 24.7
203 19.5 0.0 38.5

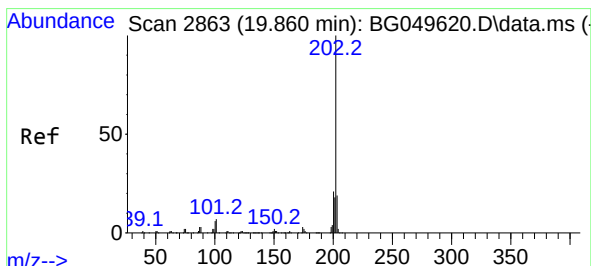
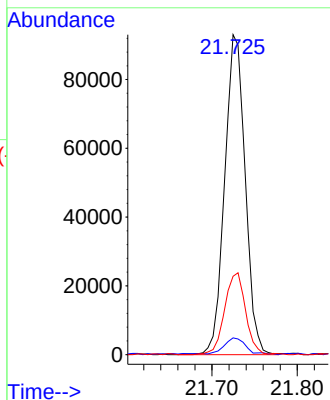
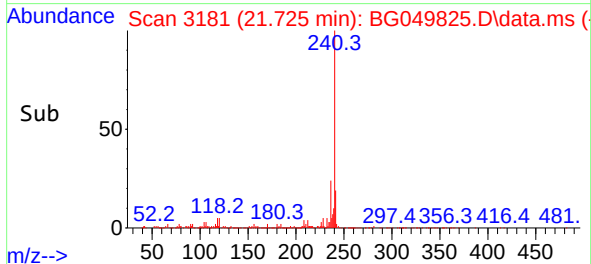




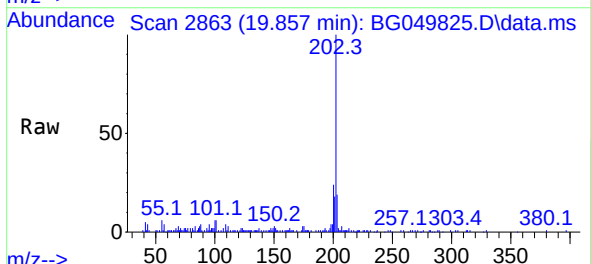
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Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3181
Delta R.T. -0.003 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57



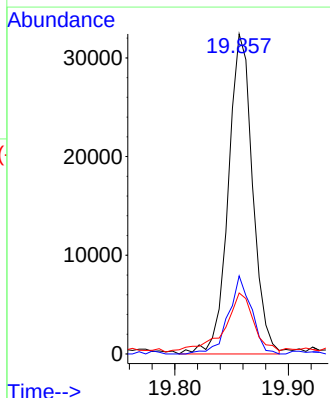
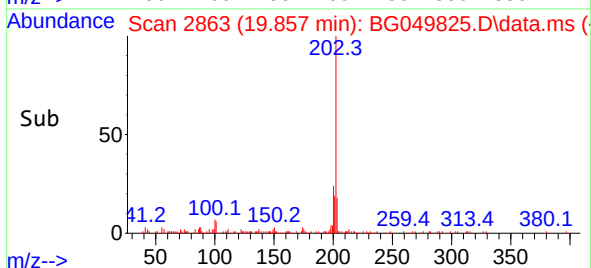
Tgt Ion:240 Resp: 155966
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 24.5 21.8 32.6



#78
Pyrene
Concen: 4.537 ng m
RT: 19.857 min Scan# 2863
Delta R.T. -0.003 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57



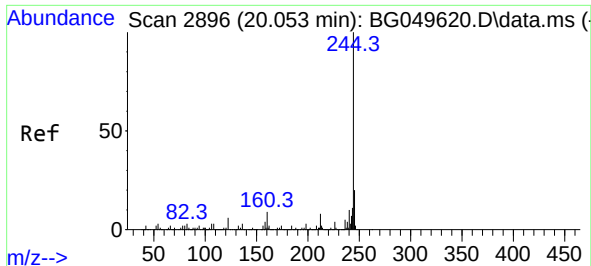
Tgt Ion:202 Resp: 48239
Ion Ratio Lower Upper
202 100
200 24.4 15.8 23.8#
203 19.1 14.6 21.8



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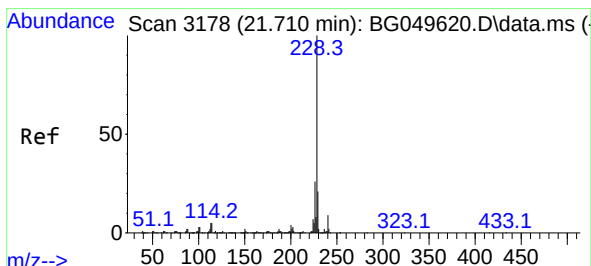
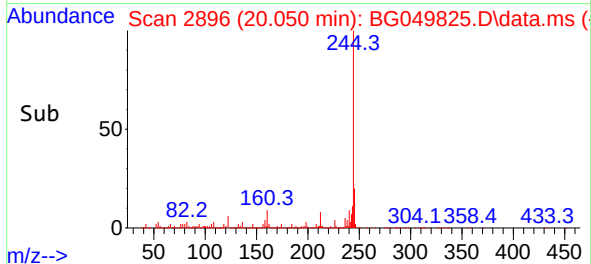
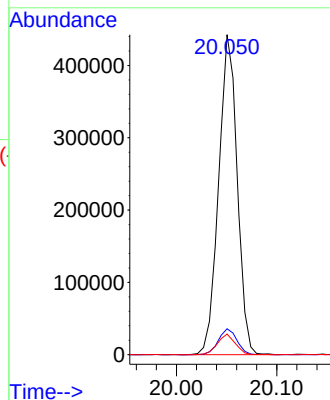
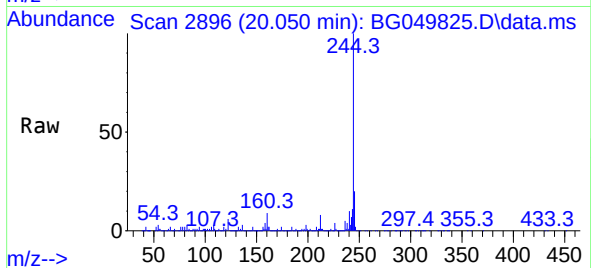
#79
Terphenyl-d14
Concen: 65.995 ng
RT: 20.050 min Scan# 2896
Delta R.T. -0.003 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57

Tgt Ion:244 Resp: 566729
Ion Ratio Lower Upper
244 100
212 8.1 6.9 10.3
122 6.5 5.0 7.6

Instrument :
BNA_G
ClientSampleId :
BSY1-SB-121314-0-3

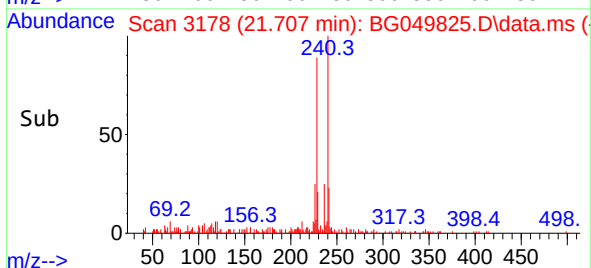
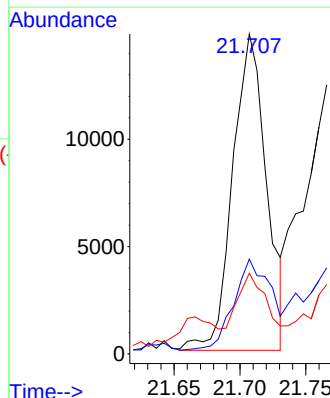
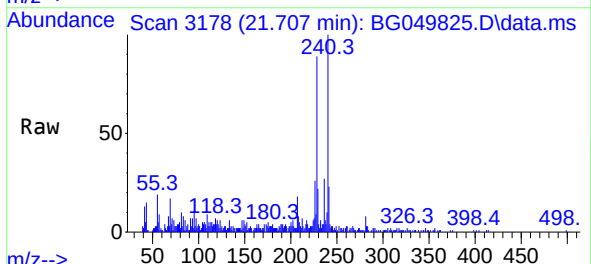
Manual Integrations
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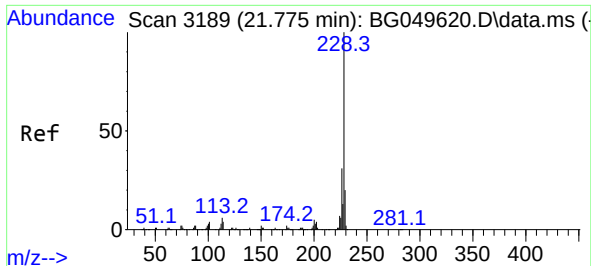
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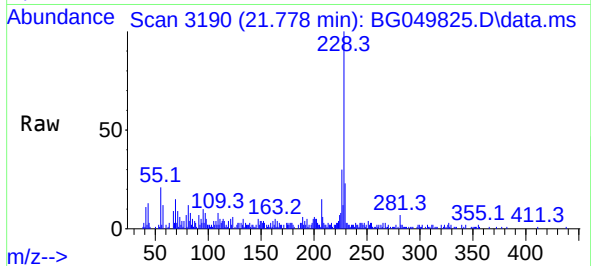
#81
Benzo(a)anthracene
Concen: 2.591 ng m
RT: 21.707 min Scan# 3178
Delta R.T. -0.003 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57

Tgt Ion:228 Resp: 26322
Ion Ratio Lower Upper
228 100
226 29.7 22.7 34.1
229 25.3 16.0 24.0#

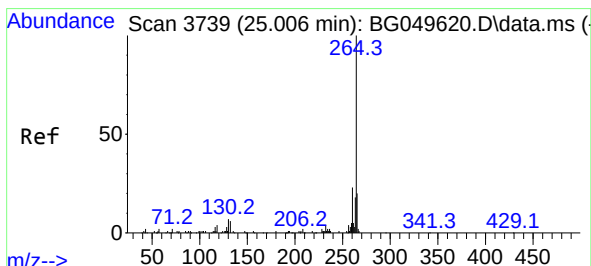
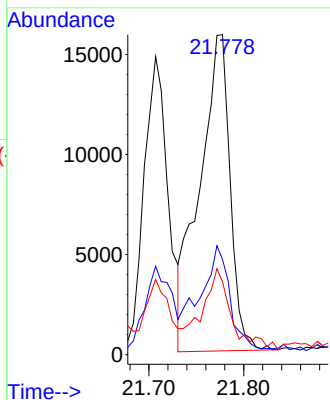
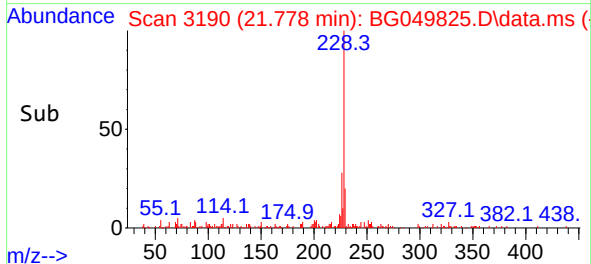




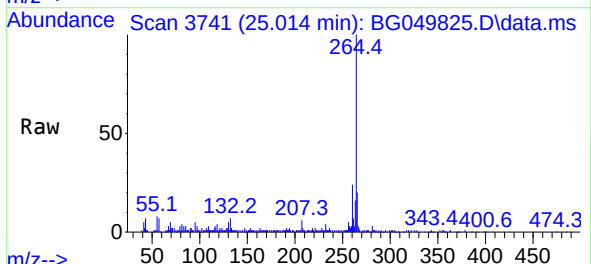
#83
Chrysene
Concen: 3.660 ng
RT: 21.778 min Scan# 3190
Delta R.T. 0.003 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57



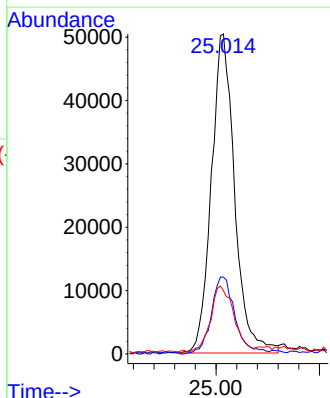
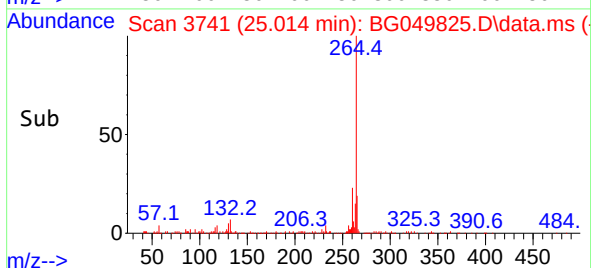
Tgt Ion:228 Resp: 35533
Ion Ratio Lower Upper
228 100
226 29.7 23.1 34.7
229 22.8 15.3 22.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.014 min Scan# 3741
Delta R.T. 0.009 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57



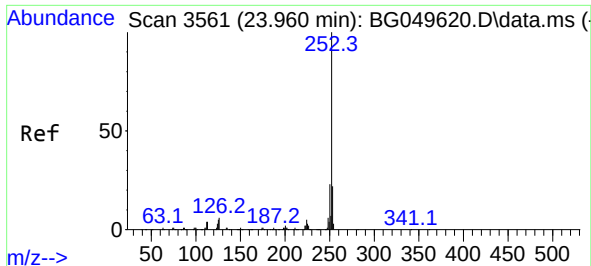
Tgt Ion:264 Resp: 157357
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 19.8 16.9 25.3



Instrument :
BNA_G
ClientSampleId :
BSY1-SB-121314-0-3

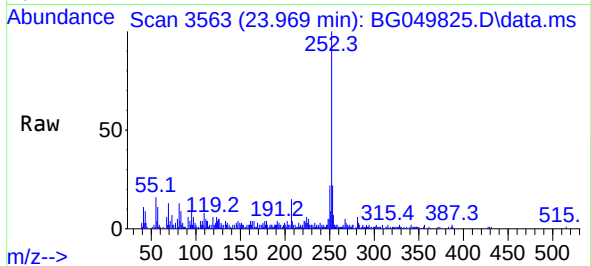
Manual Integrations
APPROVED

mohammad
8/13/2021 5:13:02 PM



#88
Benzo(b)fluoranthene
Concen: 6.229 ng
RT: 23.969 min Scan# 3563
Delta R.T. 0.009 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57

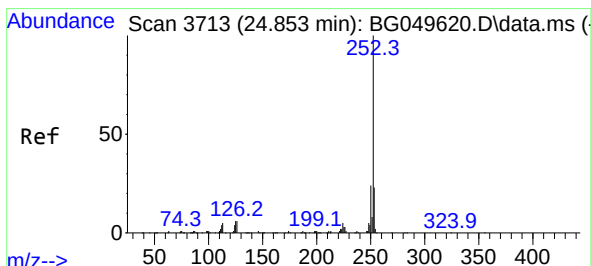
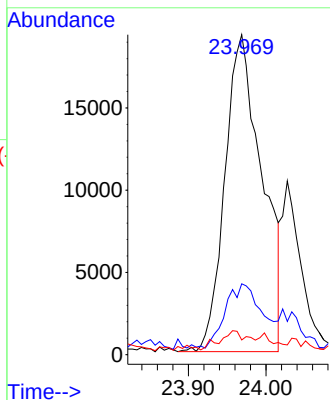
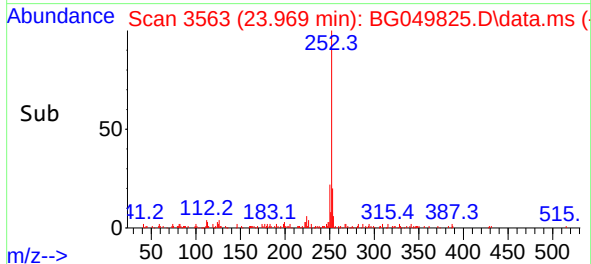
Instrument :
BNA_G
ClientSampleId :
BSY1-SB-121314-0-3



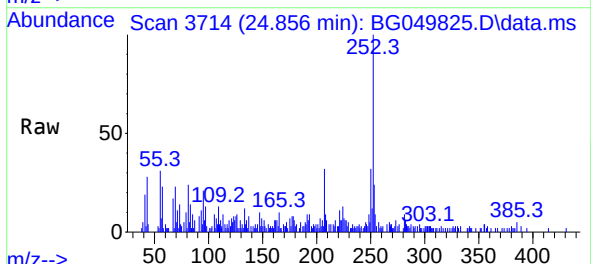
Tgt Ion:252 Resp: 64280
Ion Ratio Lower Upper
252 100
253 22.1 16.2 24.4
125 4.6 3.0 4.4#

Manual Integrations
APPROVED

mohammad
8/13/2021 5:13:02 PM



#90
Benzo(a)pyrene
Concen: 2.950 ng
RT: 24.856 min Scan# 3714
Delta R.T. 0.003 min
Lab File: BG049825.D
Acq: 12 Aug 2021 19:57



Tgt Ion:252 Resp: 27549
Ion Ratio Lower Upper
252 100
253 23.6 16.6 25.0
125 8.4 3.5 5.3#

