

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047308.D
 Acq On : 12 Nov 2020 9:35
 Operator : CG/JU
 Sample : L4631-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B11-110420-0-10

Manual Integrations
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Quant Time: Nov 12 11:08:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.006	152	71761	20.00	ng	# 0.00
21) Naphthalene-d8	10.820	136	294288	20.00	ng	0.00
39) Acenaphthene-d10	14.645	164	183717	20.00	ng	0.00
64) Phenanthrene-d10	17.389	188	387102	20.00	ng	# 0.00
76) Chrysene-d12	21.649	240	378623	20.00	ng	# 0.00
86) Perylene-d12	24.863	264	389595	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	286463	64.71	ng	0.00
7) Phenol-d6	7.172	99	384045	59.93	ng	0.01
23) Nitrobenzene-d5	9.169	82	267988	39.08	ng	0.00
42) 2,4,6-Tribromophenol	16.132	330	158822	51.63	ng	0.00
45) 2-Fluorobiphenyl	13.264	172	582908	40.69	ng	0.00
79) Terphenyl-d14	19.998	244	759992	35.30	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.087	163	71620	4.41	ng	99
71) Phenanthrene	17.430	178	67612	3.01	ng	# 93
75) Fluoranthene	19.439	202	121050	4.23	ng	93
78) Pyrene	19.798	202	123988	4.70	ng	97
81) Benzo(a)anthracene	21.631	228	62684	2.34	ng	# 92
83) Chrysene	21.696	228	84492m	3.27	ng	
88) Benzo(b)fluoranthene	23.840	252	87368	3.28	ng	# 81
90) Benzo(a)pyrene	24.704	252	71116	2.86	ng	# 80

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

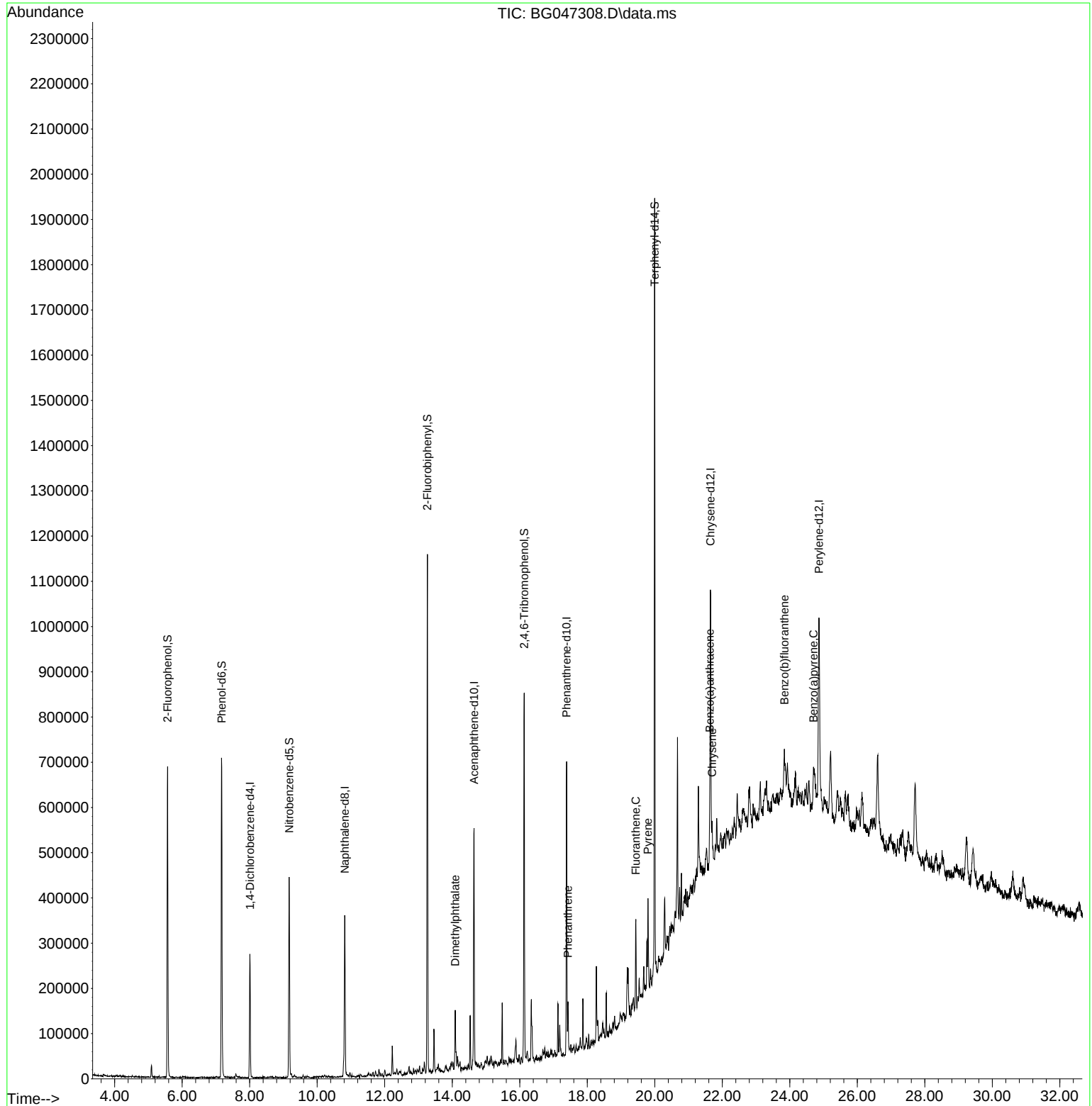
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
Data File : BG047308.D
Acq On : 12 Nov 2020 9:35
Operator : CG/JU
Sample : L4631-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

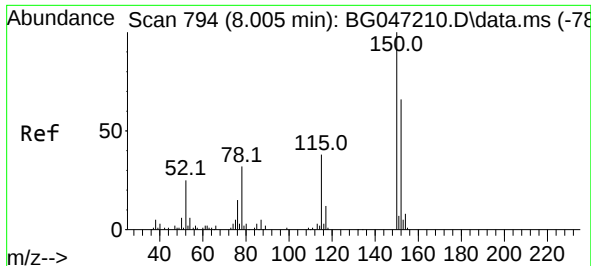
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

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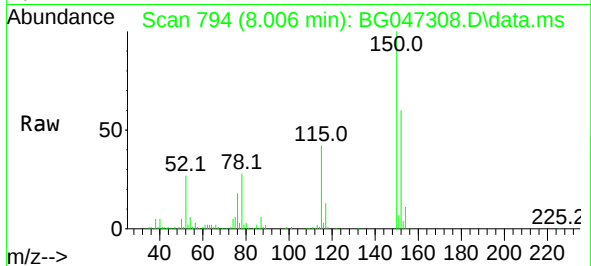
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Quant Time: Nov 12 11:08:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 16:19:40 2020
Response via : Initial Calibration

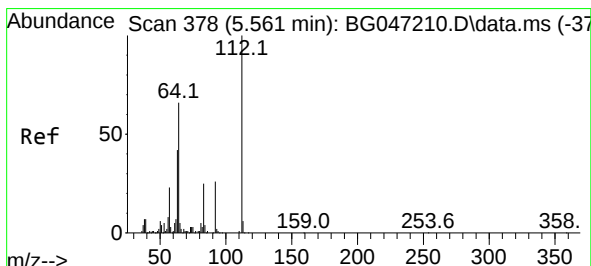
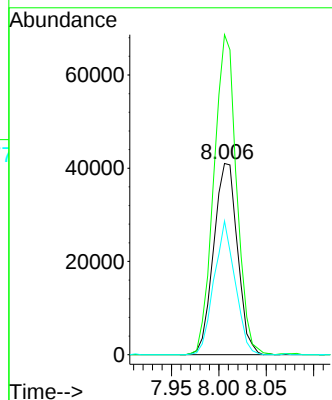
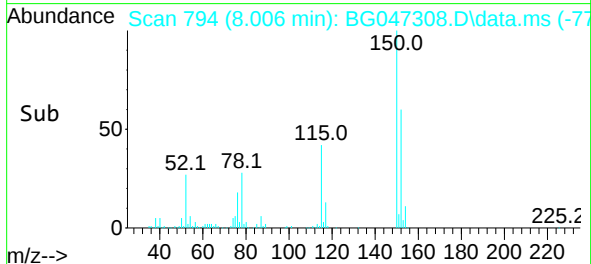




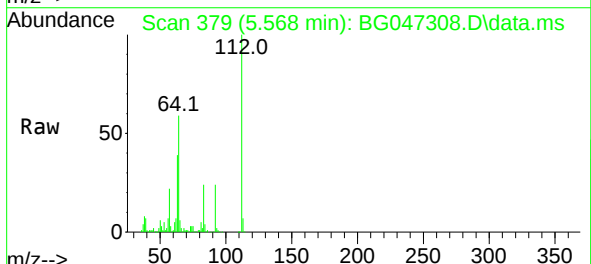
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.006 min Scan# 794
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35



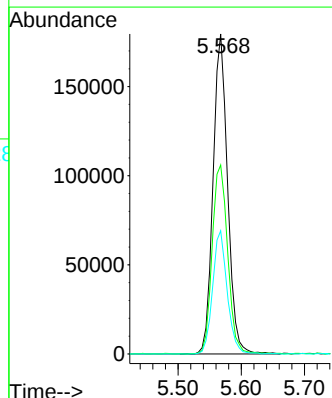
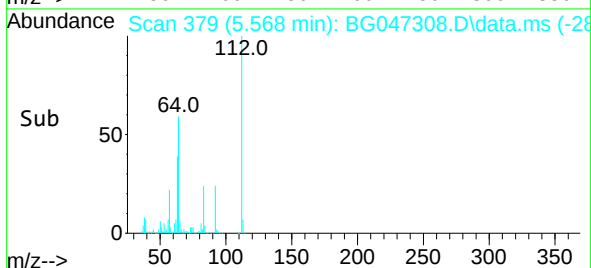
Tgt Ion:152 Resp: 71761
Ion Ratio Lower Upper
152 100
150 167.3 125.0 187.6
115 69.9 41.8 62.6#



#5
2-Fluorophenol
Concen: 64.71 ng
RT: 5.568 min Scan# 379
Delta R.T. 0.007 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35



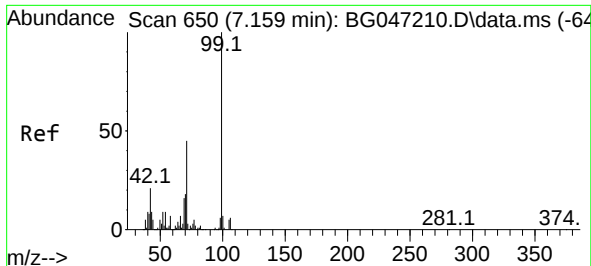
Tgt Ion:112 Resp: 286463
Ion Ratio Lower Upper
112 100
64 59.1 46.7 70.1
63 38.5 22.8 34.2#



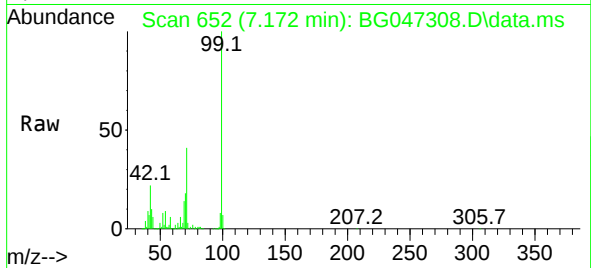
Instrument :
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ClientSampleId :
PAV-B11-110420-0-10

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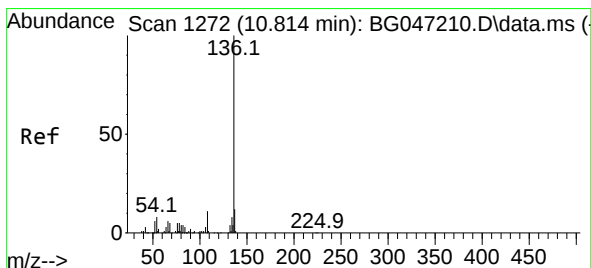
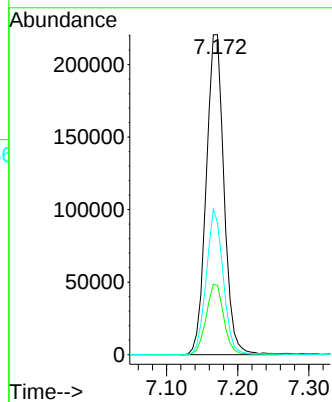
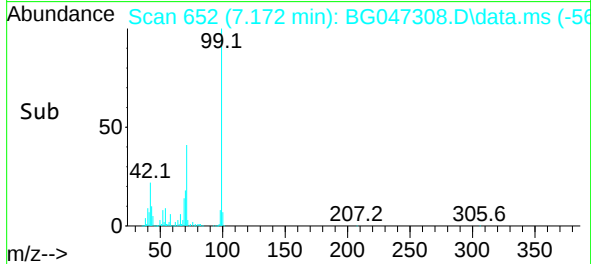
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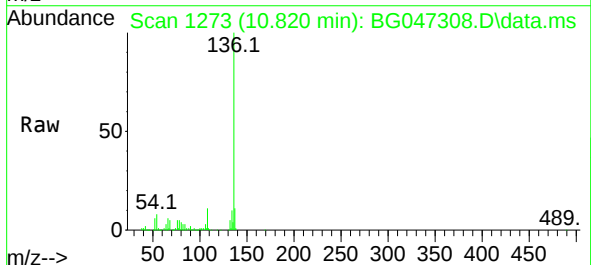
#7
Phenol-d6
Concen: 59.93 ng
RT: 7.172 min Scan# 652
Delta R.T. 0.013 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35



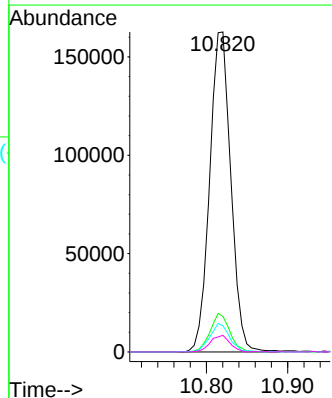
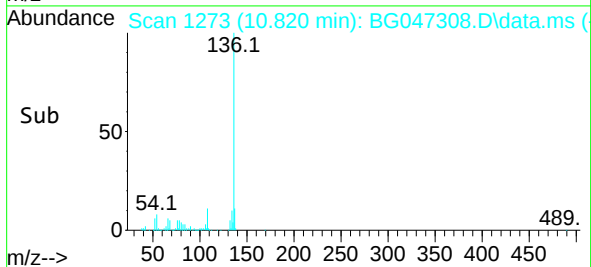
Tgt Ion: 99 Resp: 384045
Ion Ratio Lower Upper
99 100
42 21.7 12.8 19.2#
71 41.3 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.820 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35



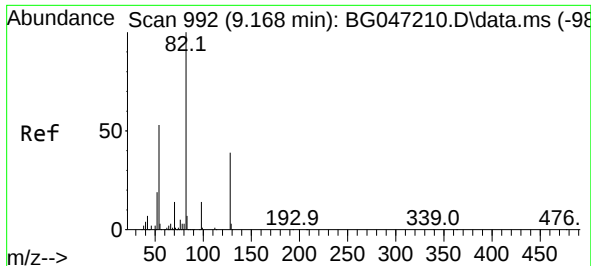
Tgt Ion: 136 Resp: 294288
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.2 6.2 9.4
68 5.2 5.0 7.4



Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

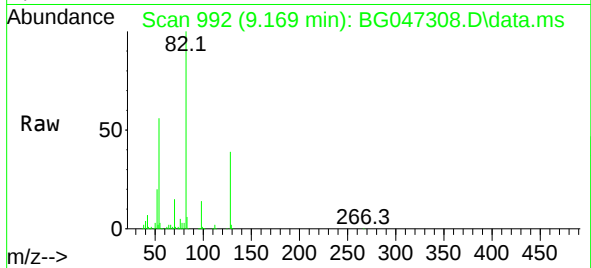
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#23
Nitrobenzene-d5
Concen: 39.08 ng
RT: 9.169 min Scan# 992
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

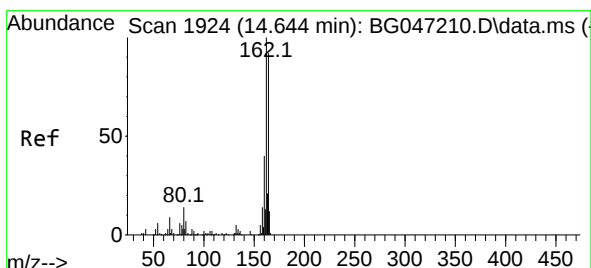
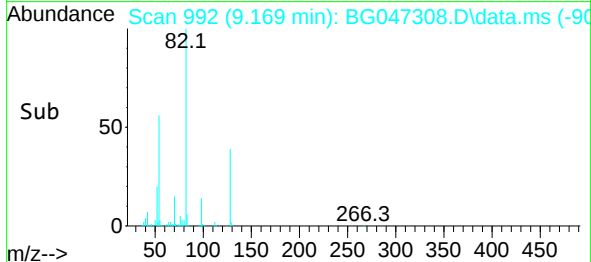
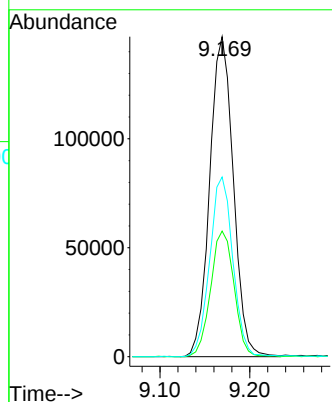
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 82 Resp: 267988
Ion Ratio Lower Upper
82 100
128 39.2 37.0 55.6
54 56.1 39.0 58.4

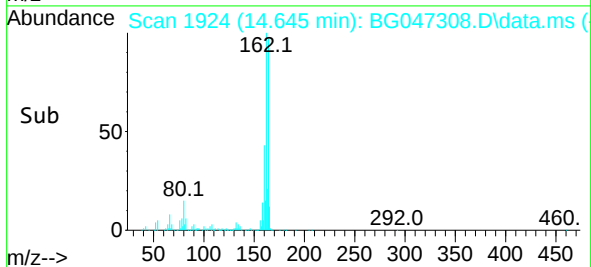
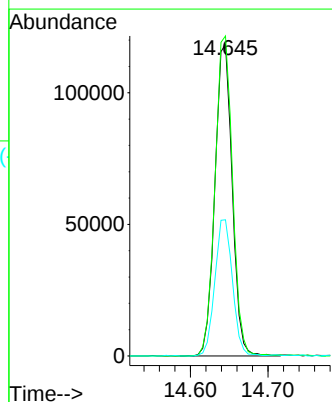
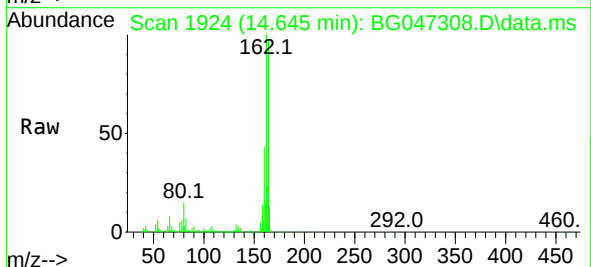
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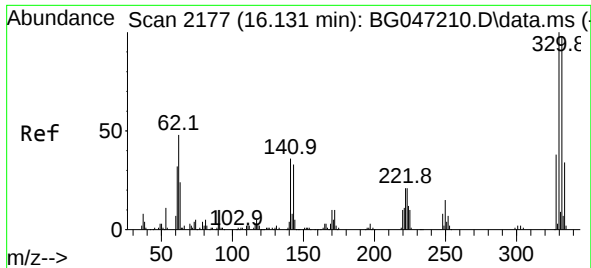
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

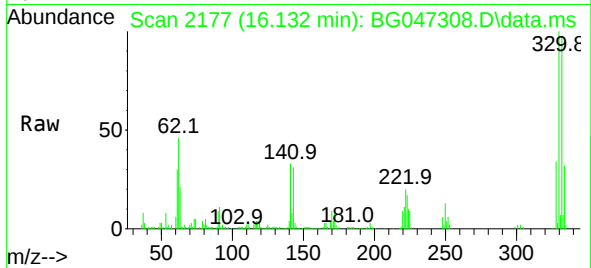
Tgt Ion: 164 Resp: 183717
Ion Ratio Lower Upper
164 100
162 102.7 82.3 123.5
160 43.7 35.3 52.9





#42
2,4,6-Tribromophenol
Concen: 51.63 ng
RT: 16.132 min Scan# 2177
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

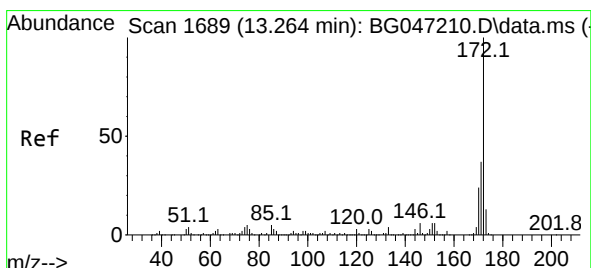
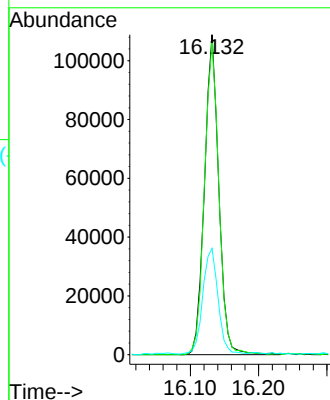
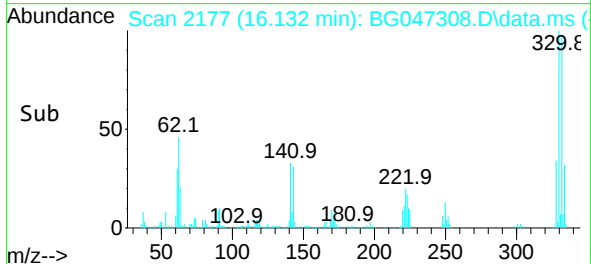
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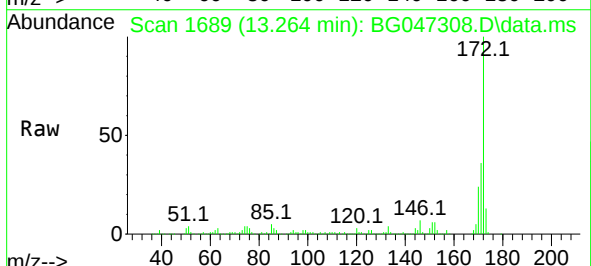
Tgt Ion:330 Resp: 158822
Ion Ratio Lower Upper
330 100
332 98.5 76.5 114.7
141 35.0 26.0 39.0

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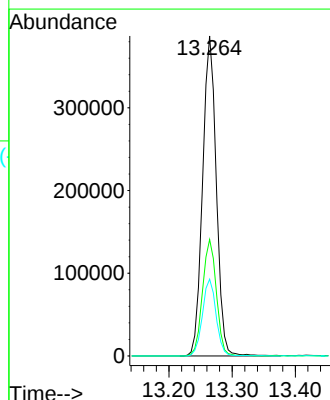
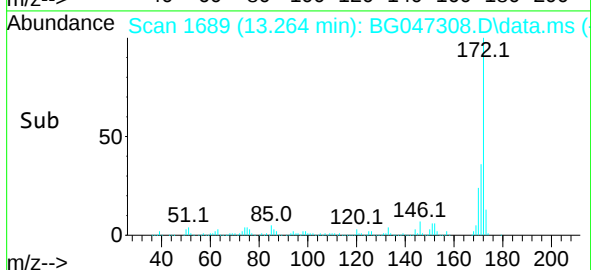
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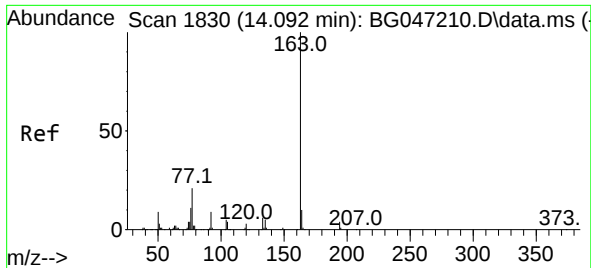


#45
2-Fluorobiphenyl
Concen: 40.69 ng
RT: 13.264 min Scan# 1689
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35



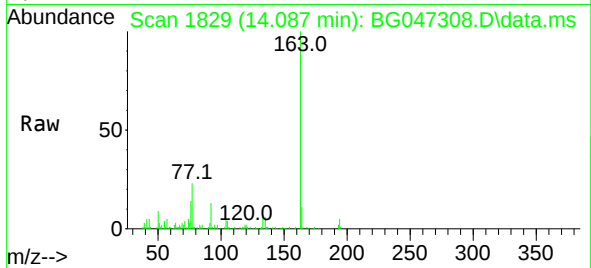
Tgt Ion:172 Resp: 582908
Ion Ratio Lower Upper
172 100
171 36.4 31.3 46.9
170 24.0 20.8 31.2





#50
Dimethylphthalate
Concen: 4.41 ng
RT: 14.087 min Scan# 1829
Delta R.T. -0.005 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

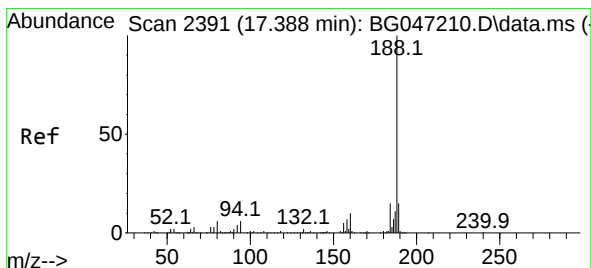
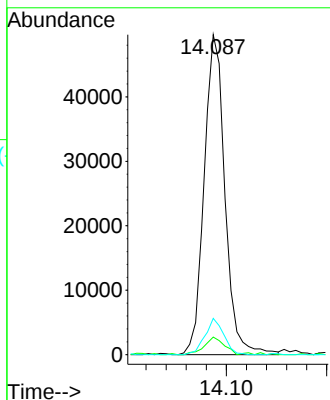
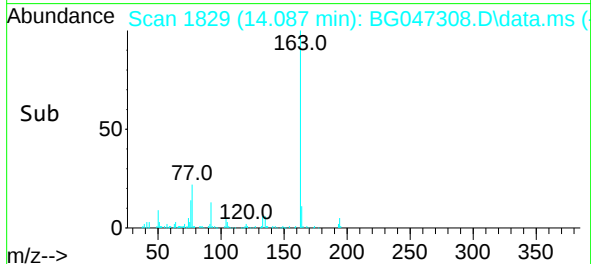
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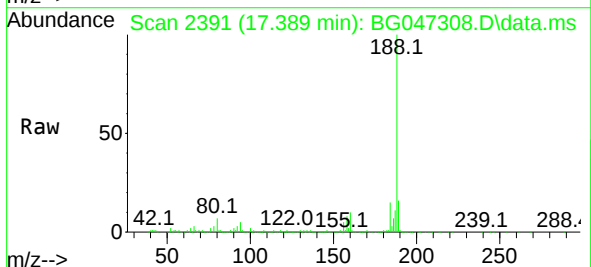
Tgt Ion:163 Resp: 71620
Ion Ratio Lower Upper
163 100
194 5.5 3.8 5.8
164 11.4 8.8 13.2

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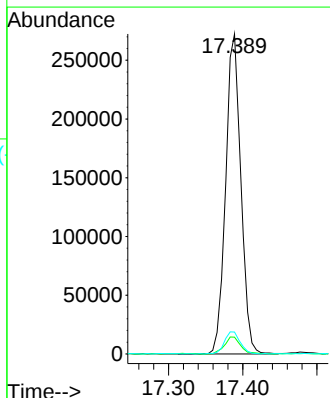
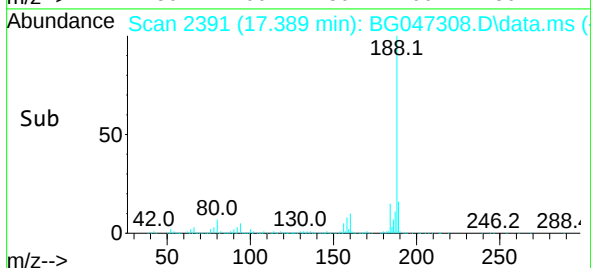
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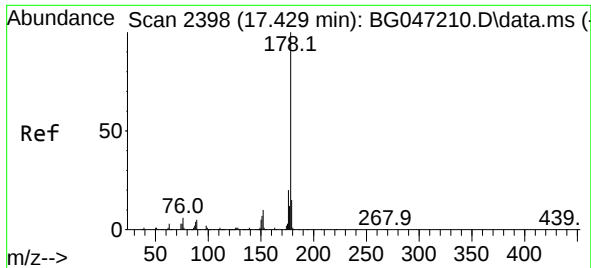


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.389 min Scan# 2391
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35



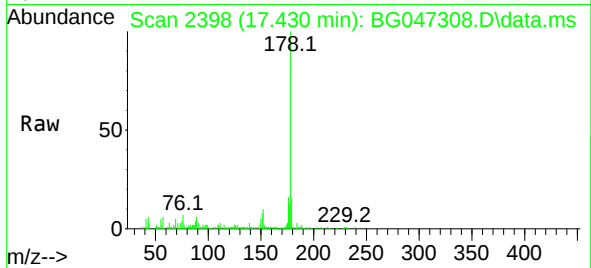
Tgt Ion:188 Resp: 387102
Ion Ratio Lower Upper
188 100
94 5.3 6.3 9.5#
80 6.9 7.0 10.6#





#71
Phenanthrene
Concen: 3.01 ng
RT: 17.430 min Scan# 2398
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

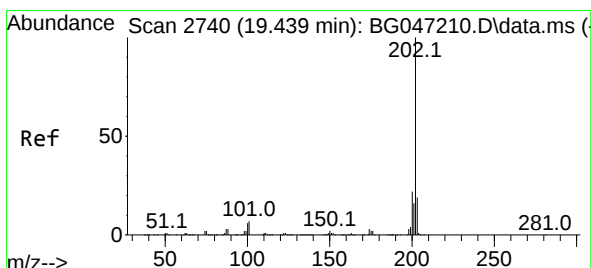
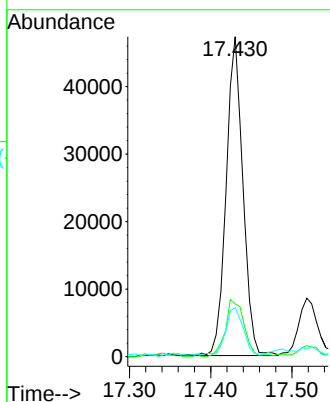
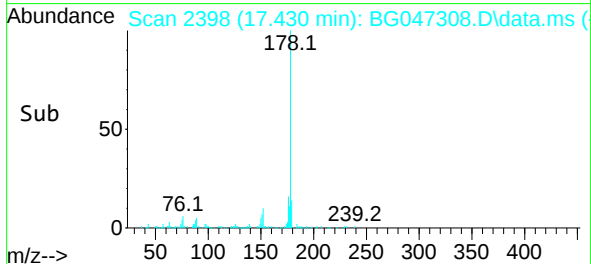
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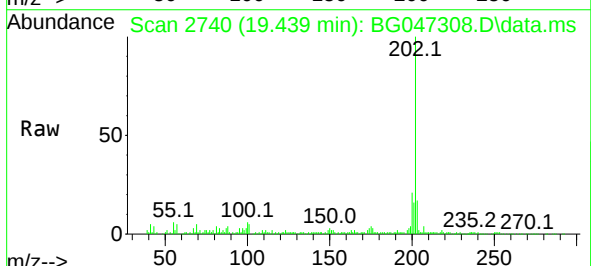
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Ion Ratio Lower Upper
178 100
176 16.5 16.7 25.1#
179 15.3 14.0 21.0

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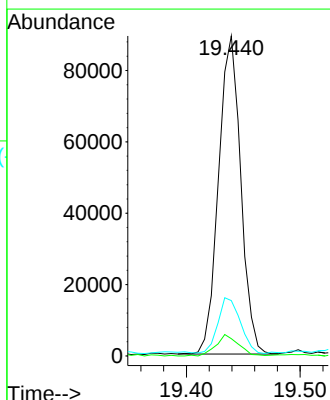
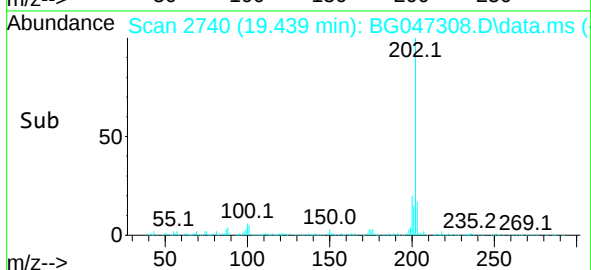
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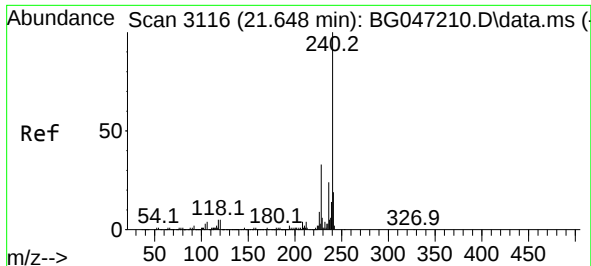


#75
Fluoranthene
Concen: 4.23 ng
RT: 19.439 min Scan# 2740
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35



Tgt Ion:202 Resp: 121050
Ion Ratio Lower Upper
202 100
101 5.4 0.0 29.7
203 17.3 0.0 39.2





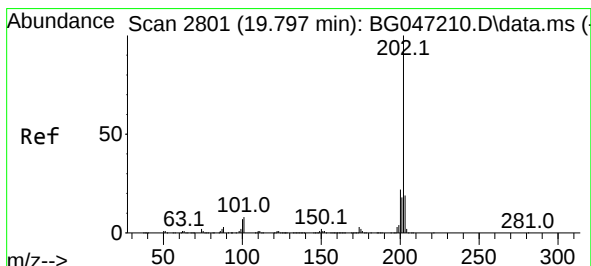
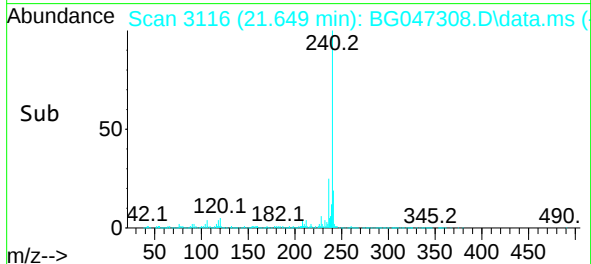
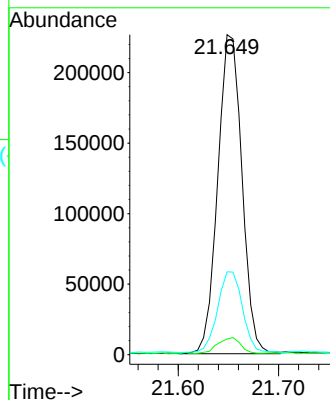
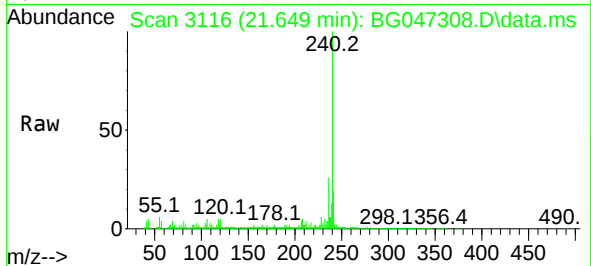
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.649 min Scan# 3116
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:240 Resp: 378623
Ion Ratio Lower Upper
240 100
120 4.9 6.2 9.4#
236 25.9 20.5 30.7

Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

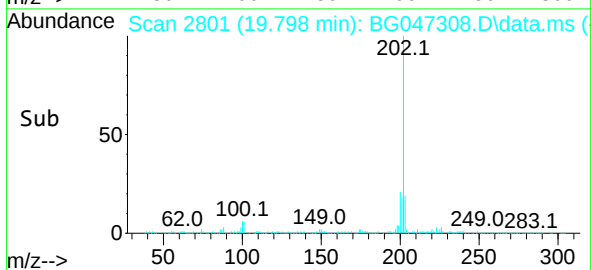
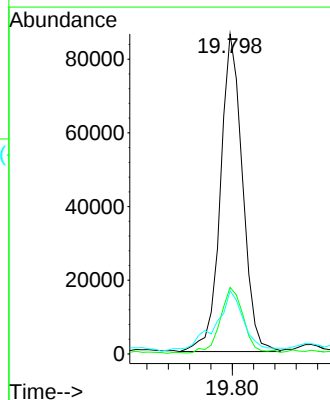
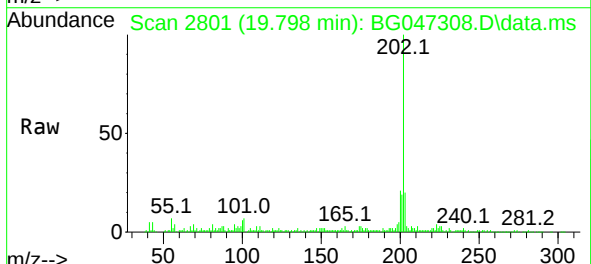
Manual Integrations
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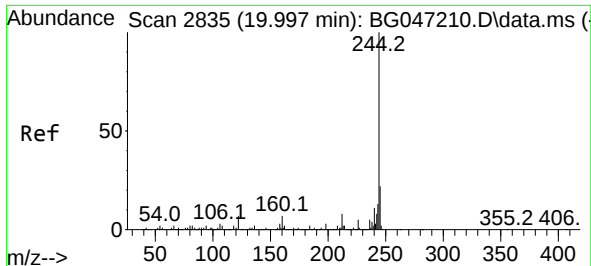
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#78
Pyrene
Concen: 4.70 ng
RT: 19.798 min Scan# 2801
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:202 Resp: 123988
Ion Ratio Lower Upper
202 100
200 20.8 18.6 27.8
203 19.8 15.3 22.9





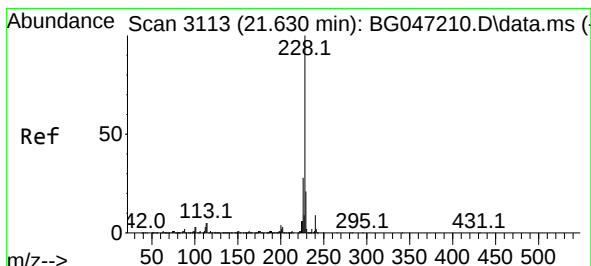
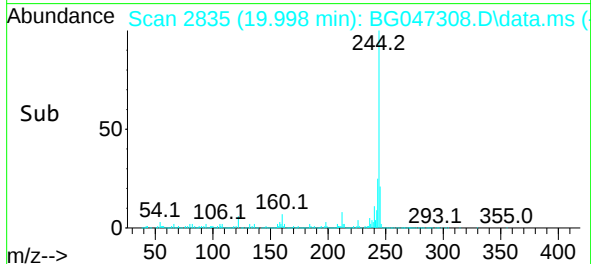
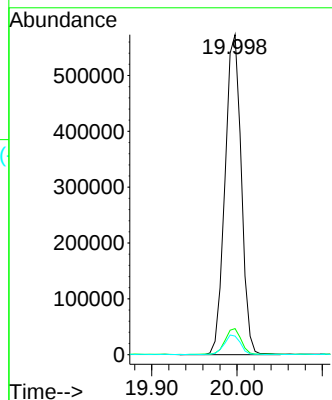
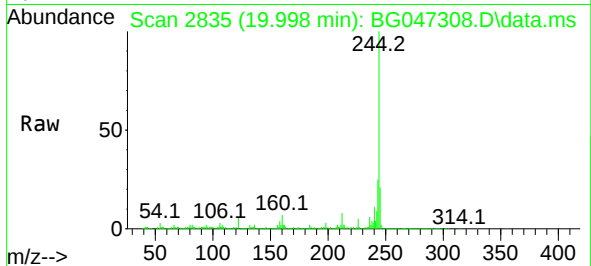
#79
 Terphenyl-d14
 Concen: 35.30 ng
 RT: 19.998 min Scan# 2835
 Delta R.T. 0.001 min
 Lab File: BG047308.D
 Acq: 12 Nov 2020 9:35

Tgt Ion:244 Resp: 759992
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.7 10.1
 122 5.8 7.8 11.6#

Instrument :
 BNA_G
 ClientSampleId :
 PAV-B11-110420-0-10

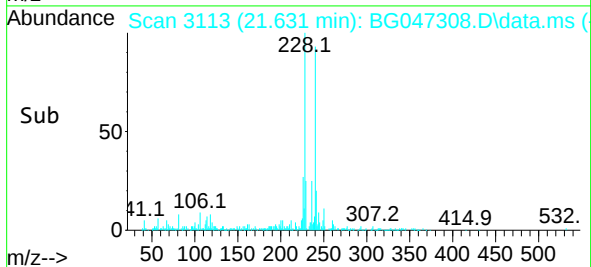
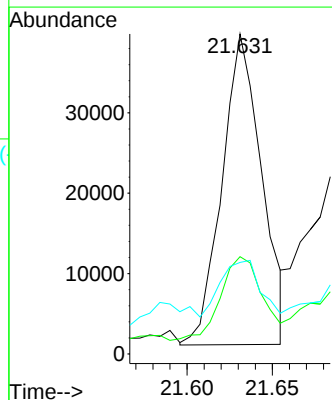
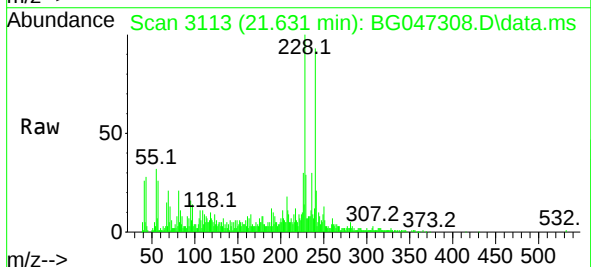
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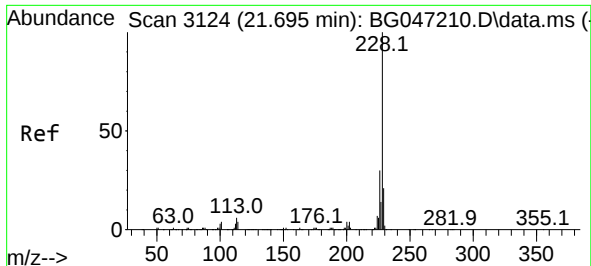
mohammad
 11/12/2020 11:38:10 AM



#81
 Benzo(a)anthracene
 Concen: 2.34 ng
 RT: 21.631 min Scan# 3113
 Delta R.T. 0.001 min
 Lab File: BG047308.D
 Acq: 12 Nov 2020 9:35

Tgt Ion:228 Resp: 62684
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.3 34.9
 229 28.6 17.4 26.0#





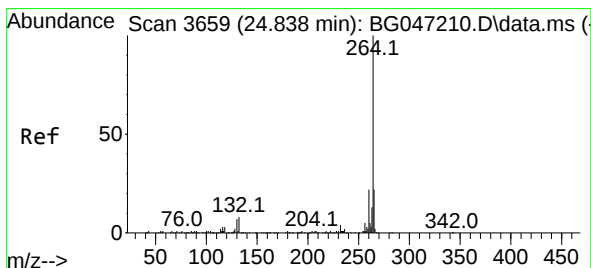
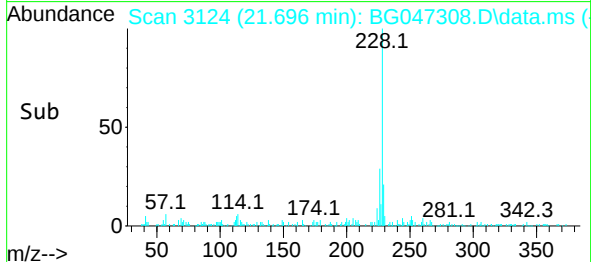
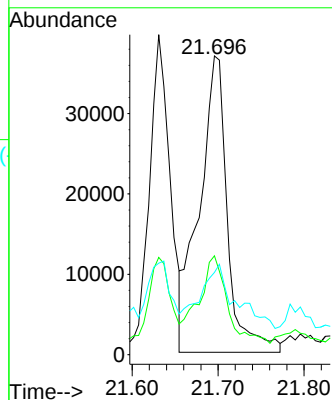
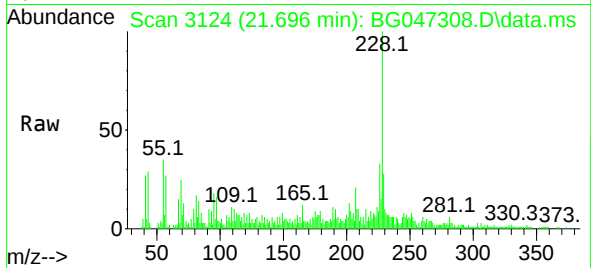
#83
Chrysene
Concen: 3.27 ng m
RT: 21.696 min Scan# 3124
Delta R.T. 0.001 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

Tgt Ion:228 Resp: 84492
Ion Ratio Lower Upper
228 100
226 33.1 25.0 37.4
229 27.5 17.3 25.9#

Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10

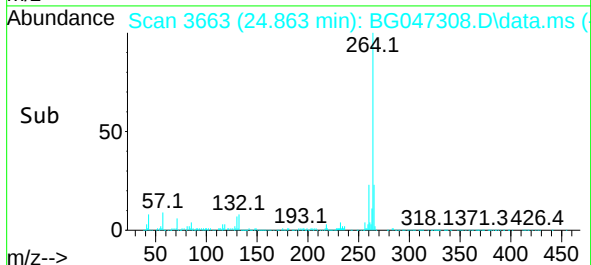
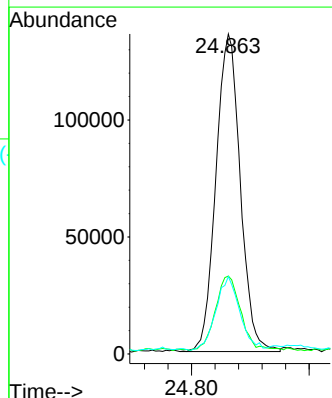
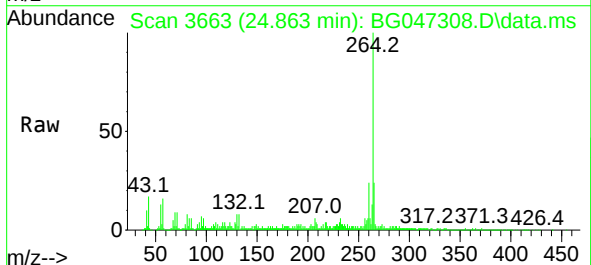
Manual Integrations
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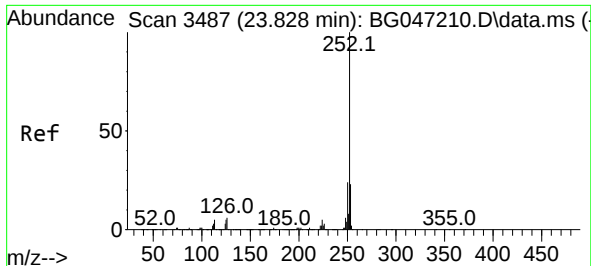
mohammad
11/12/2020 11:38:10 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.863 min Scan# 3663
Delta R.T. 0.024 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

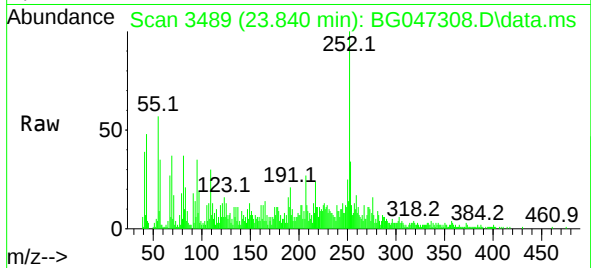
Tgt Ion:264 Resp: 389595
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 24.2 17.8 26.8





#88
Benzo(b)fluoranthene
Concen: 3.28 ng
RT: 23.840 min Scan# 3489
Delta R.T. 0.013 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35

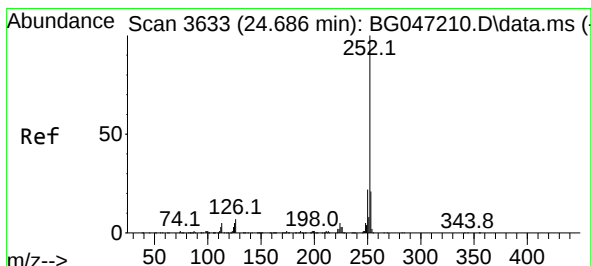
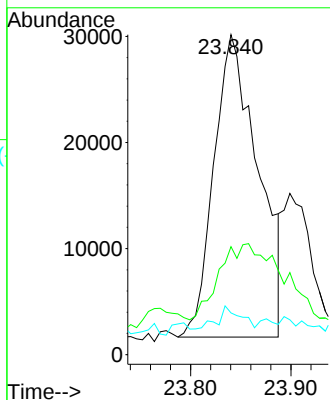
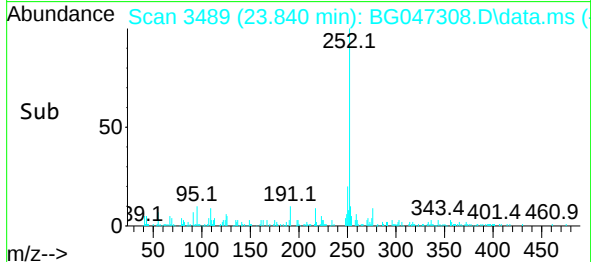
Instrument :
BNA_G
ClientSampleId :
PAV-B11-110420-0-10



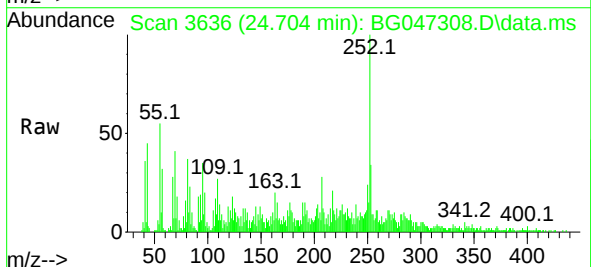
Tgt Ion:252 Resp: 87368
Ion Ratio Lower Upper
252 100
253 33.8 18.7 28.1#
125 13.0 6.5 9.7#

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#90
Benzo(a)pyrene
Concen: 2.86 ng
RT: 24.704 min Scan# 3636
Delta R.T. 0.018 min
Lab File: BG047308.D
Acq: 12 Nov 2020 9:35



Tgt Ion:252 Resp: 71116
Ion Ratio Lower Upper
252 100
253 33.7 17.9 26.9#
125 12.1 7.0 10.4#

