

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047286.D
 Acq On : 11 Nov 2020 16:02
 Operator : CG/JU
 Sample : L4654-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D3

Quant Time: Nov 11 16:44:41 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

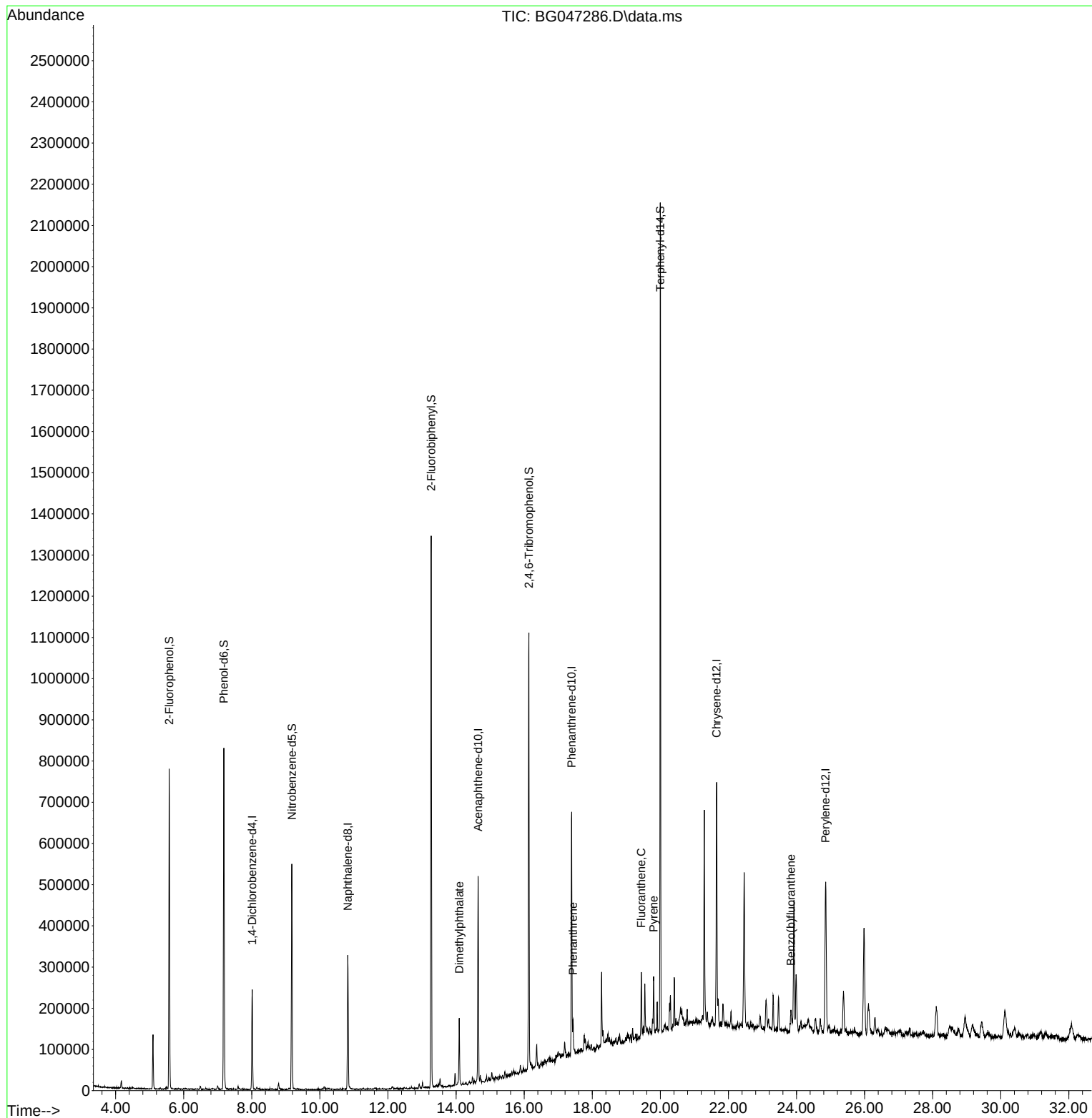
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	63751	20.00	ng	# 0.00
21) Naphthalene-d8	10.820	136	262510	20.00	ng	# 0.00
39) Acenaphthene-d10	14.645	164	177663	20.00	ng	0.00
64) Phenanthrene-d10	17.394	188	373229	20.00	ng	# 0.00
76) Chrysene-d12	21.654	240	363119	20.00	ng	# 0.00
86) Perylene-d12	24.850	264	375860	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.573	112	307775	78.25	ng	0.01
7) Phenol-d6	7.177	99	432876	76.03	ng	0.02
23) Nitrobenzene-d5	9.175	82	317177	51.85	ng	0.00
42) 2,4,6-Tribromophenol	16.137	330	212015	71.26	ng	0.00
45) 2-Fluorobiphenyl	13.270	172	689459	49.77	ng	0.00
79) Terphenyl-d14	19.997	244	881958	42.71	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.092	163	101058	6.44	ng	Qvalue 100
71) Phenanthrene	17.436	178	54786	2.53	ng	# 94
75) Fluoranthene	19.439	202	95454	3.46	ng	93
78) Pyrene	19.803	202	87056	3.44	ng	98
88) Benzo(b)fluoranthene	23.834	252	58512	2.28	ng	93

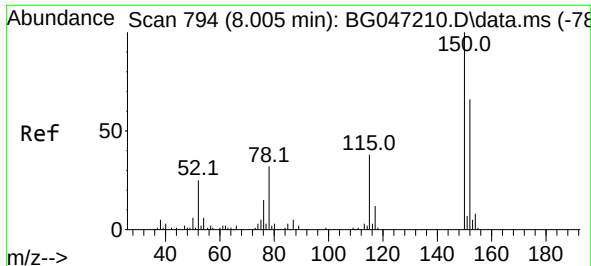
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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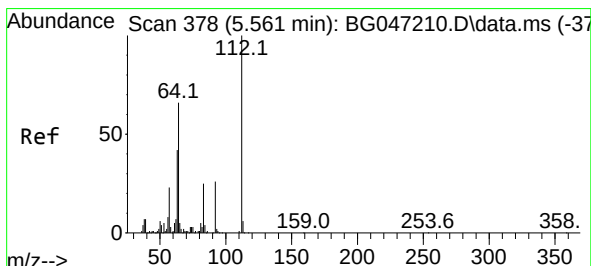
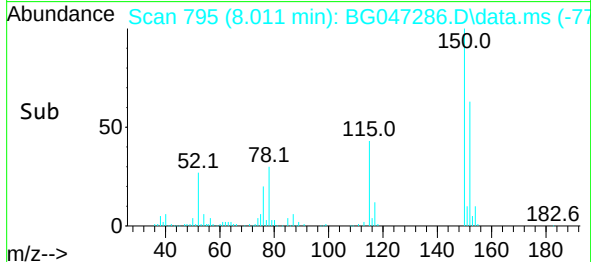
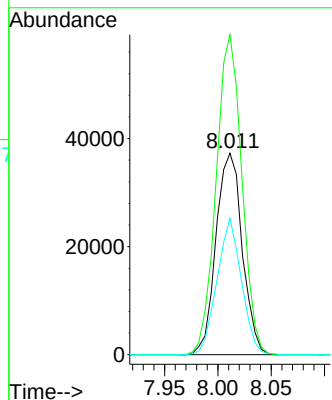
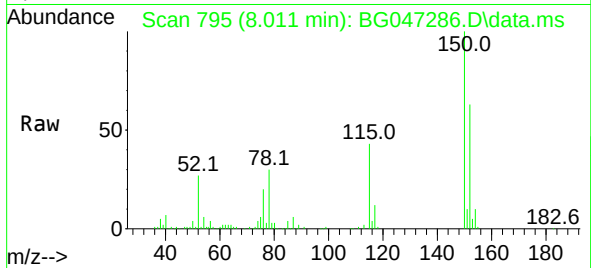




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.011 min Scan# 795
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

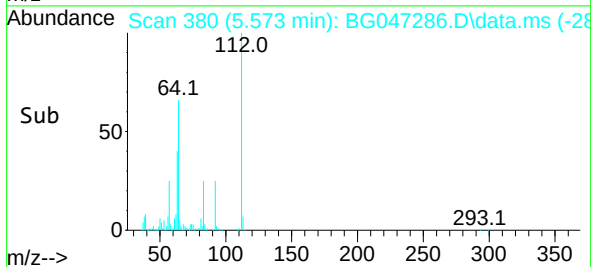
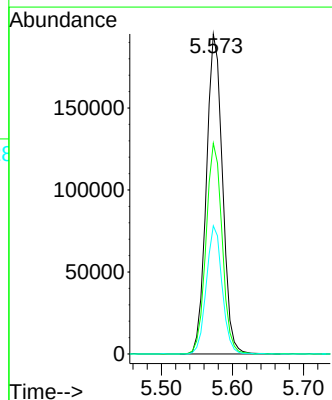
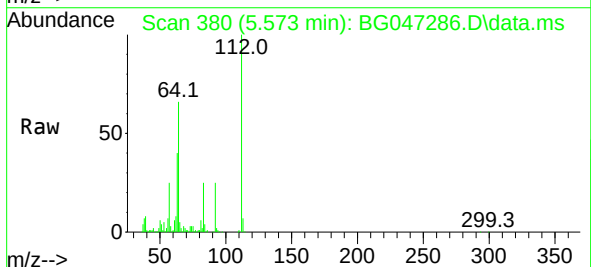
Instrument :
BNA_G
ClientSampleId :
D3

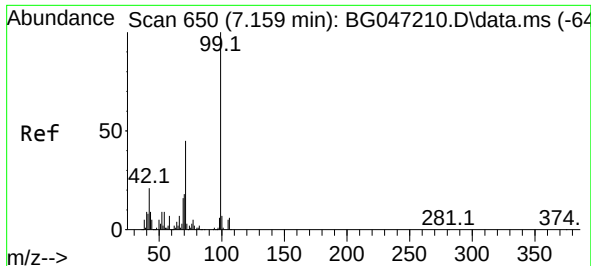
Tgt Ion:152 Resp: 63751
Ion Ratio Lower Upper
152 100
150 158.9 125.0 187.6
115 67.7 41.8 62.6#



#5
2-Fluorophenol
Concen: 78.25 ng
RT: 5.573 min Scan# 380
Delta R.T. 0.012 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

Tgt Ion:112 Resp: 307775
Ion Ratio Lower Upper
112 100
64 65.9 46.7 70.1
63 40.1 22.8 34.2#

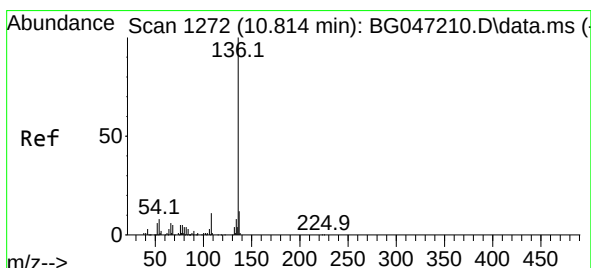
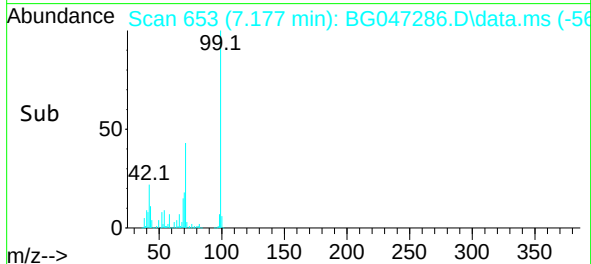
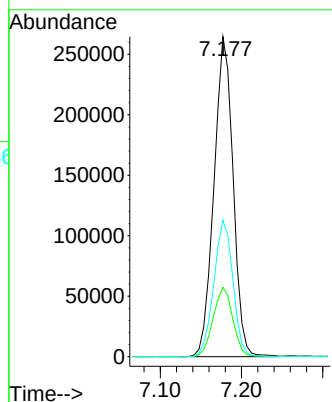
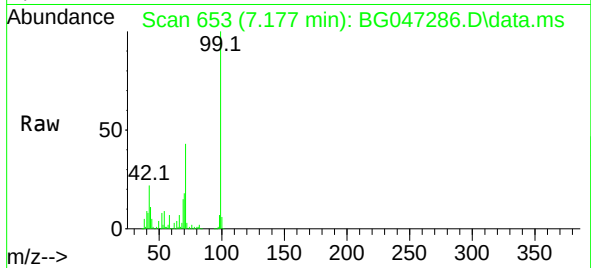




#7
Phenol-d6
Concen: 76.03 ng
RT: 7.177 min Scan# 653
Delta R.T. 0.018 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

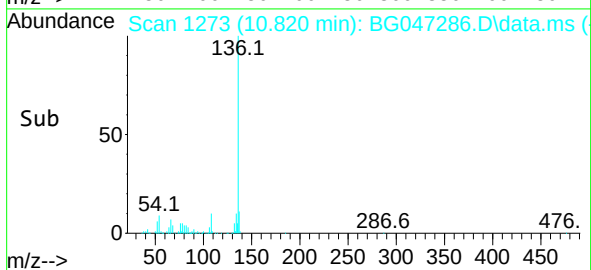
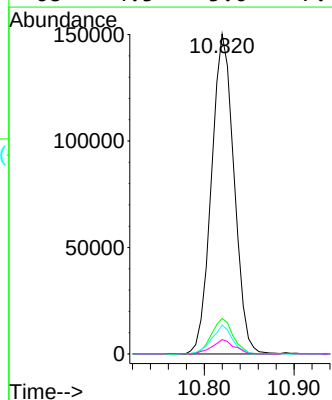
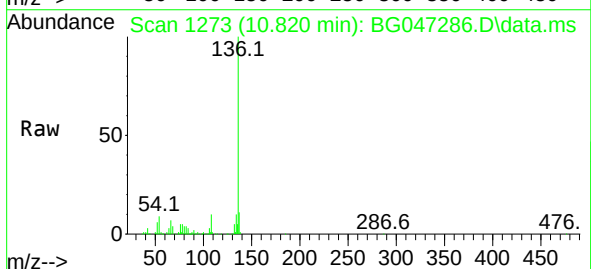
Instrument :
BNA_G
ClientSampleId :
D3

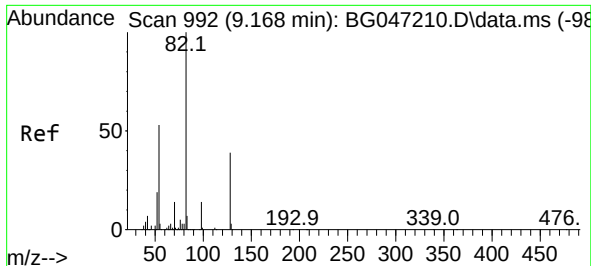
Tgt Ion: 99 Resp: 432876
Ion Ratio Lower Upper
99 100
42 21.7 12.8 19.2#
71 42.6 24.6 36.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.820 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

Tgt Ion: 136 Resp: 262510
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 9.1 6.2 9.4
68 4.5 5.0 7.4#

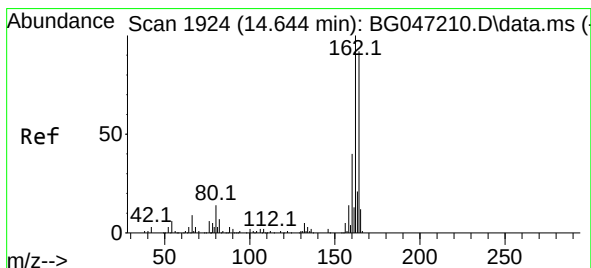
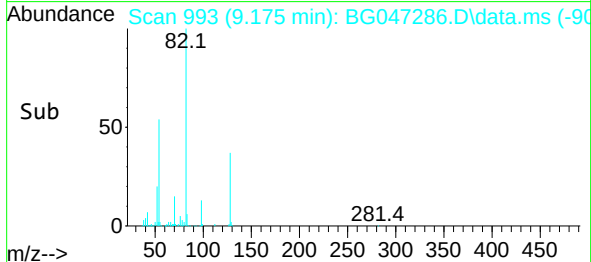
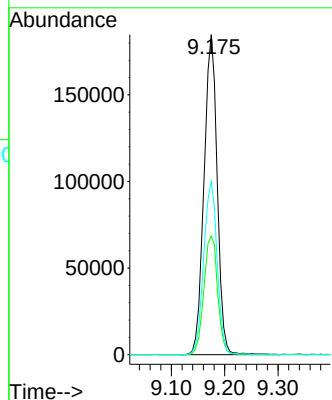
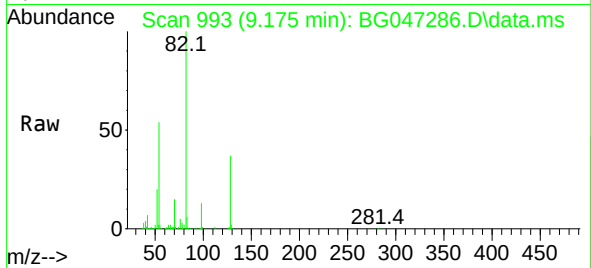




#23
Nitrobenzene-d5
Concen: 51.85 ng
RT: 9.175 min Scan# 993
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

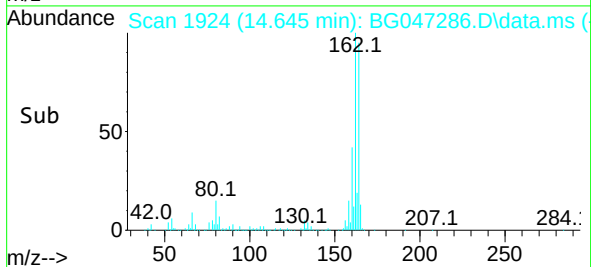
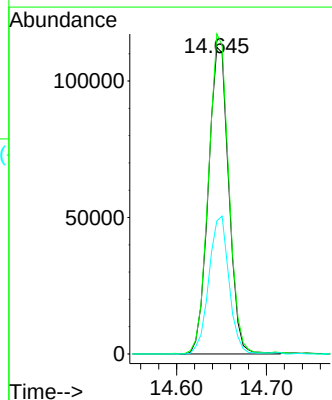
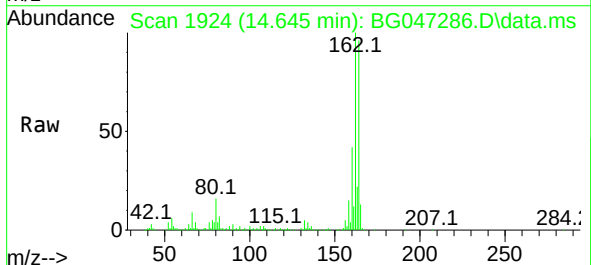
Instrument :
BNA_G
ClientSampleId :
D3

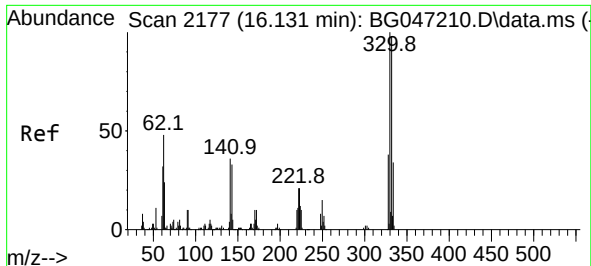
Tgt Ion: 82 Resp: 317177
Ion Ratio Lower Upper
82 100
128 37.1 37.0 55.6
54 54.1 39.0 58.4



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

Tgt Ion: 164 Resp: 177663
Ion Ratio Lower Upper
164 100
162 104.3 82.3 123.5
160 43.4 35.3 52.9

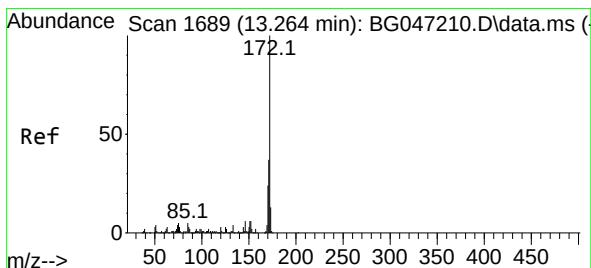
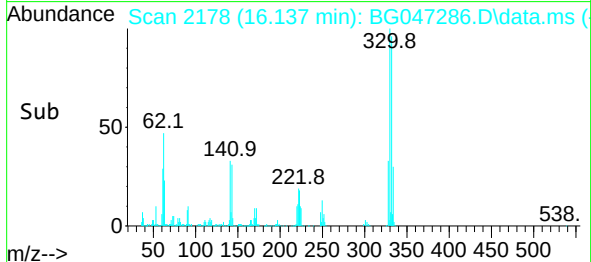
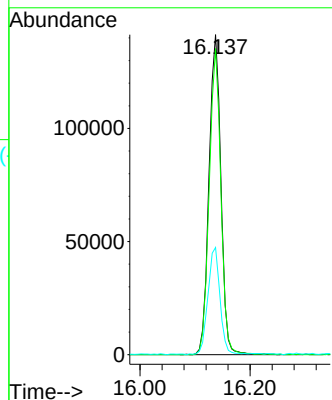
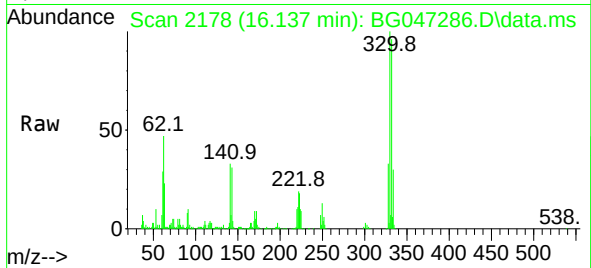




#42
2,4,6-Tribromophenol
Concen: 71.26 ng
RT: 16.137 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

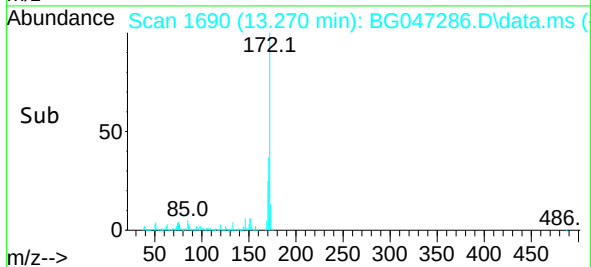
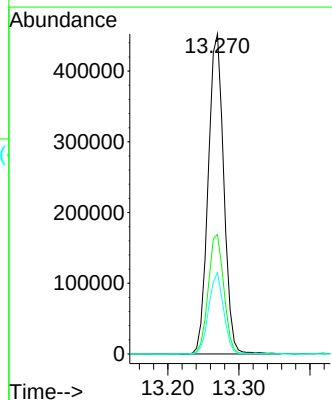
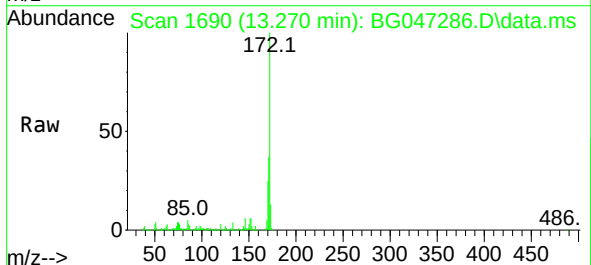
Instrument :
BNA_G
ClientSampleId :
D3

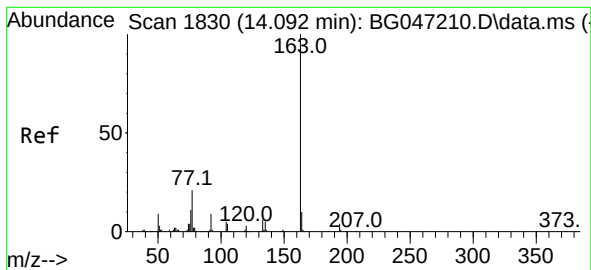
Tgt Ion:330 Resp: 212015
Ion Ratio Lower Upper
330 100
332 93.8 76.5 114.7
141 34.3 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 49.77 ng
RT: 13.270 min Scan# 1690
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

Tgt Ion:172 Resp: 689459
Ion Ratio Lower Upper
172 100
171 37.3 31.3 46.9
170 25.4 20.8 31.2

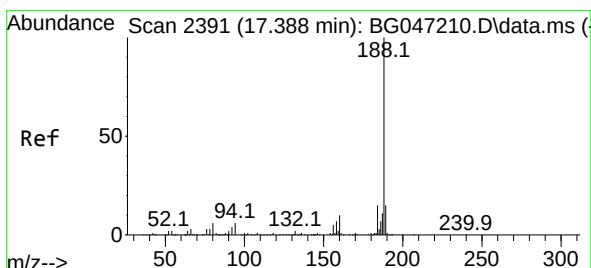
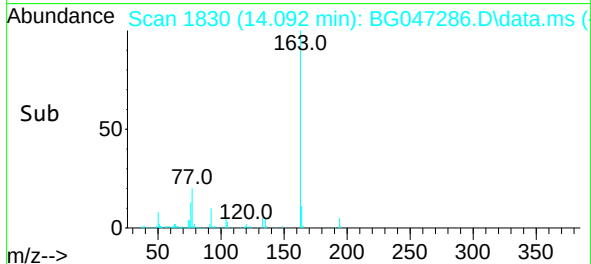
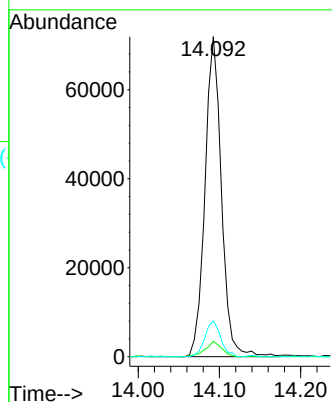
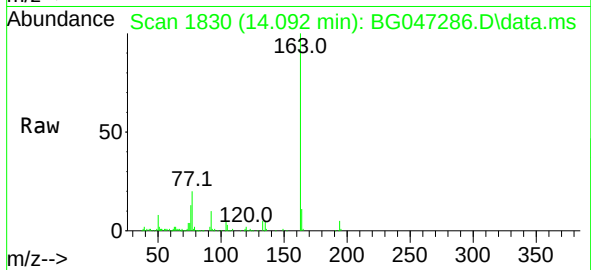




#50
Dimethylphthalate
Concen: 6.44 ng
RT: 14.092 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

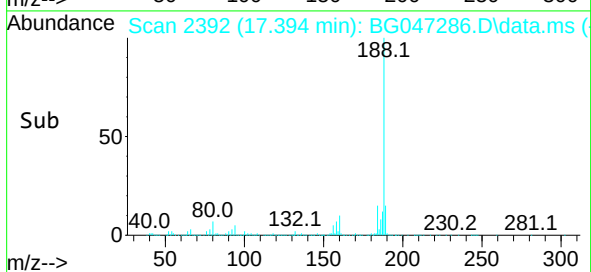
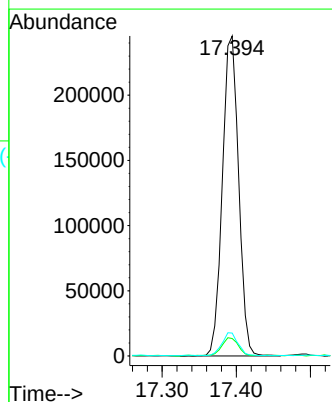
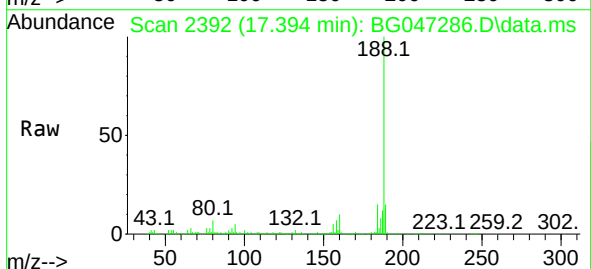
Instrument :
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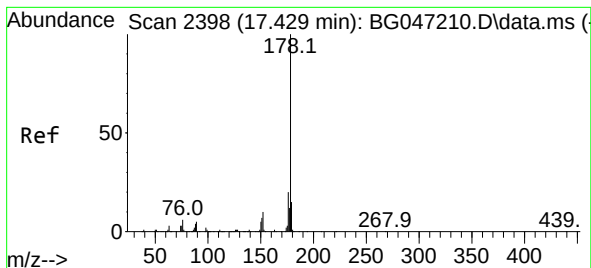
Tgt Ion:163 Resp: 101058
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.8
164 11.2 8.8 13.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.394 min Scan# 2392
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

Tgt Ion:188 Resp: 373229
Ion Ratio Lower Upper
188 100
94 5.4 6.3 9.5#
80 7.2 7.0 10.6

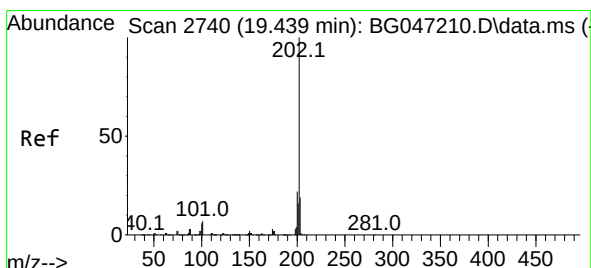
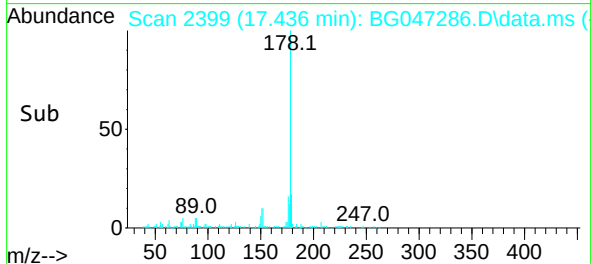
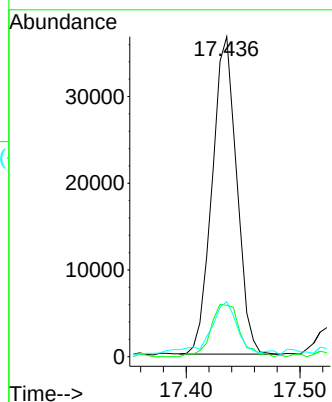
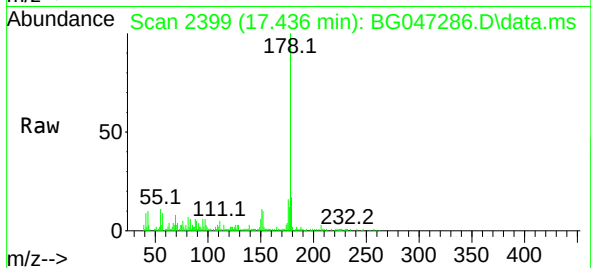




#71
Phenanthrene
Concen: 2.53 ng
RT: 17.436 min Scan# 2399
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

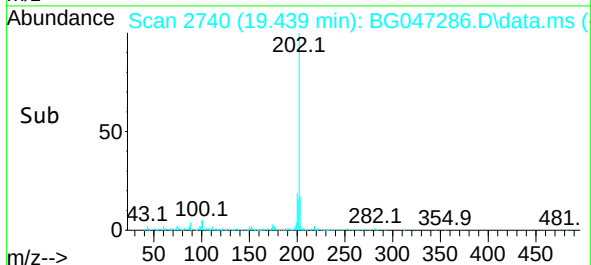
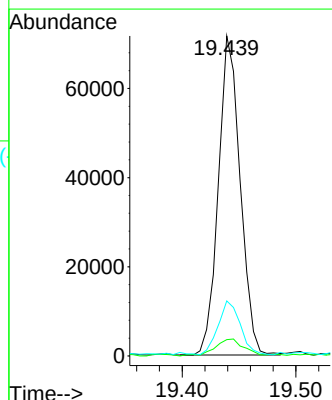
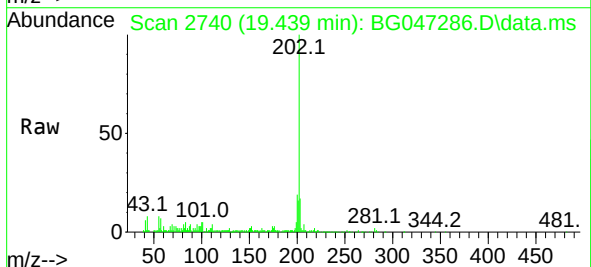
Instrument :
BNA_G
ClientSampled :
D3

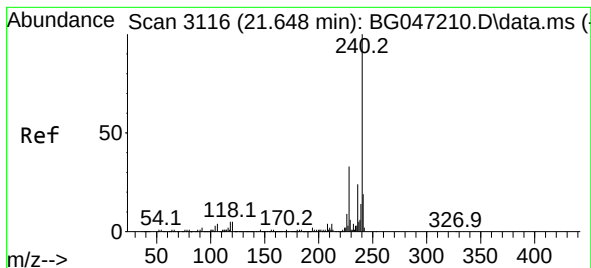
Tgt Ion:178 Resp: 54786
Ion Ratio Lower Upper
178 100
176 16.0 16.7 25.1#
179 17.1 14.0 21.0



#75
Fluoranthene
Concen: 3.46 ng
RT: 19.439 min Scan# 2740
Delta R.T. 0.000 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

Tgt Ion:202 Resp: 95454
Ion Ratio Lower Upper
202 100
101 5.1 0.0 29.7
203 17.2 0.0 39.2

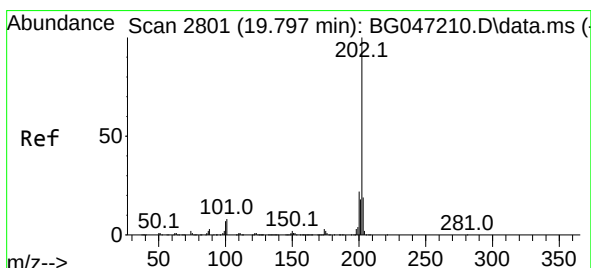
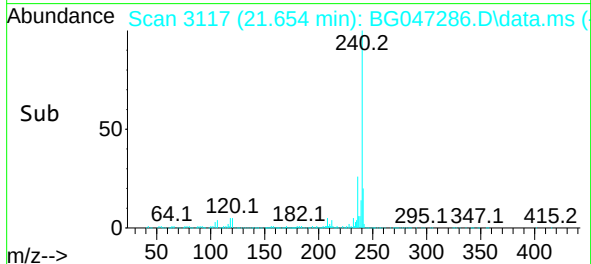
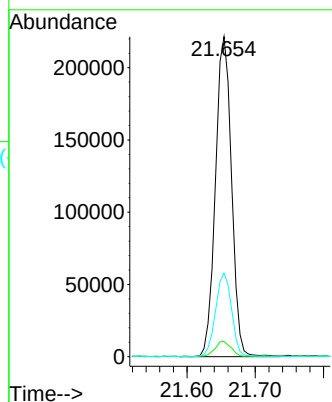
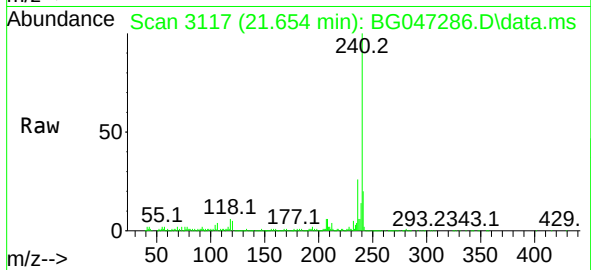




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.654 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

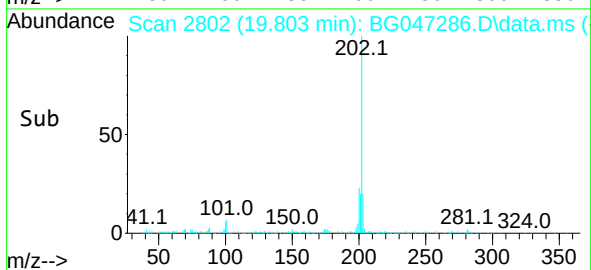
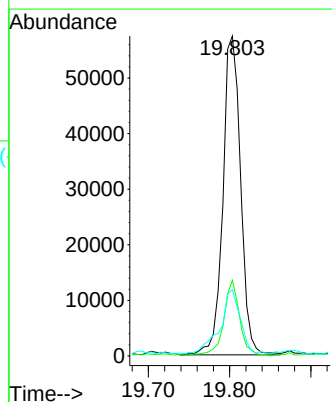
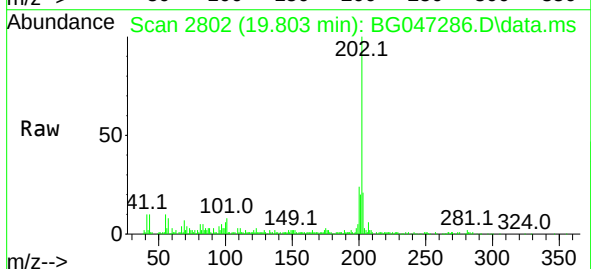
Instrument :
BNA_G
ClientSampled :
D3

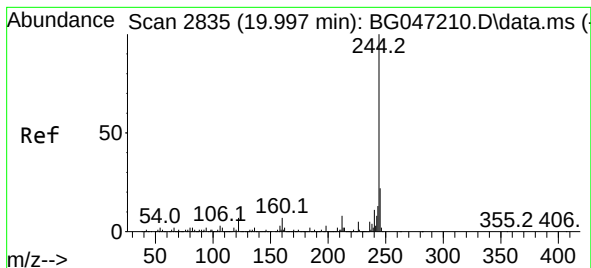
Tgt Ion:240 Resp: 363119
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 26.1 20.5 30.7



#78
Pyrene
Concen: 3.44 ng
RT: 19.803 min Scan# 2802
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

Tgt Ion:202 Resp: 87056
Ion Ratio Lower Upper
202 100
200 23.6 18.6 27.8
203 20.7 15.3 22.9





#79

Terphenyl-d14

Concen: 42.71 ng

RT: 19.997 min Scan# 2835

Delta R.T. 0.000 min

Lab File: BG047286.D

Acq: 11 Nov 2020 16:02

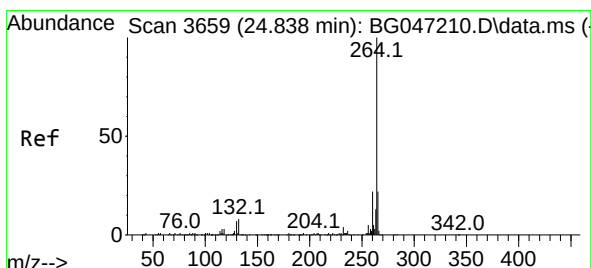
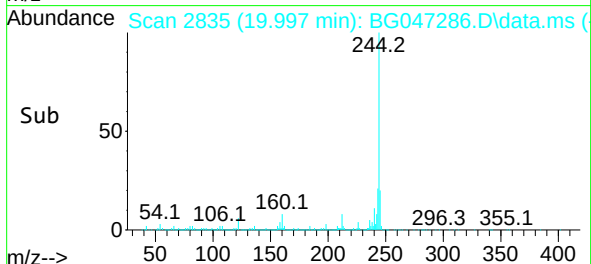
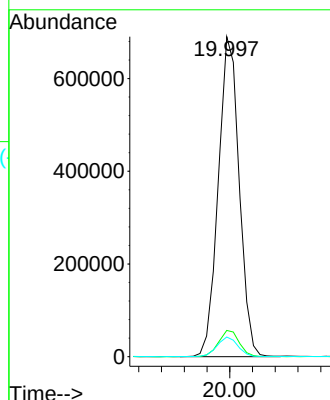
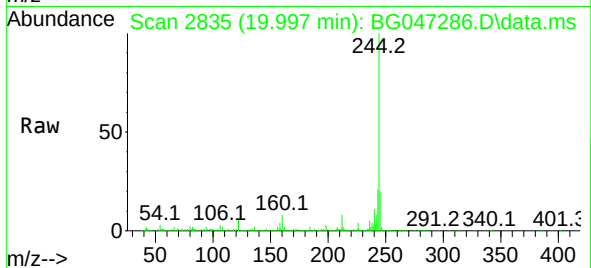
Instrument :

BNA_G

ClientSampleId :

D3

Tgt Ion:244	Resp: 881958
Ion Ratio	Lower Upper
244 100	
212 8.2	6.7 10.1
122 6.2	7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

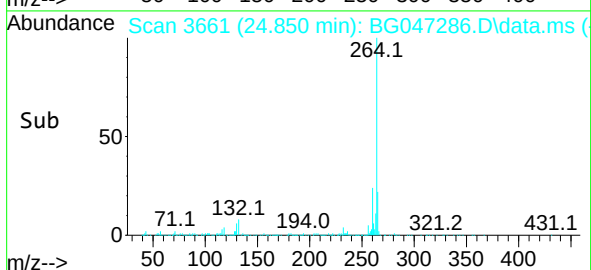
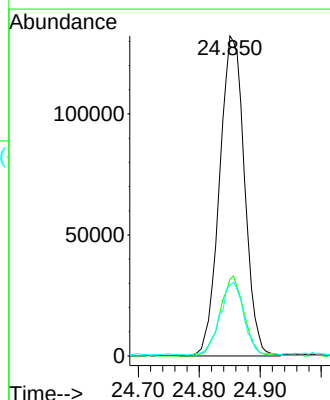
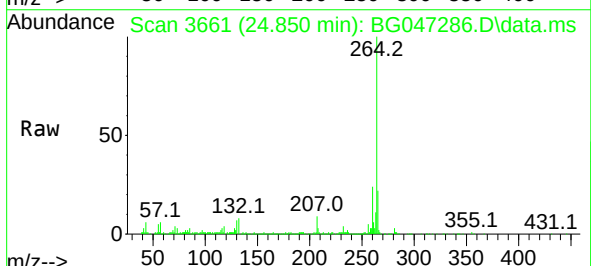
RT: 24.850 min Scan# 3661

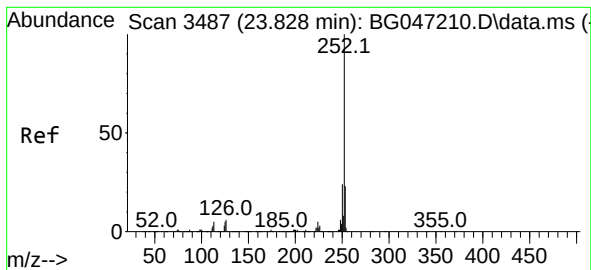
Delta R.T. 0.012 min

Lab File: BG047286.D

Acq: 11 Nov 2020 16:02

Tgt Ion:264	Resp: 375860
Ion Ratio	Lower Upper
264 100	
260 24.0	18.8 28.2
265 22.1	17.8 26.8





#88

Benzo(b)fluoranthene

Concen: 2.28 ng

RT: 23.834 min Scan# 3488

Delta R.T. 0.006 min

Lab File: BG047286.D

Acq: 11 Nov 2020 16:02

Instrument :

BNA_G

ClientSampleId :

D3

Tgt Ion:252 Resp: 58512

Ion Ratio Lower Upper

252 100

253 19.0 18.7 28.1

125 7.0 6.5 9.7

