

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)

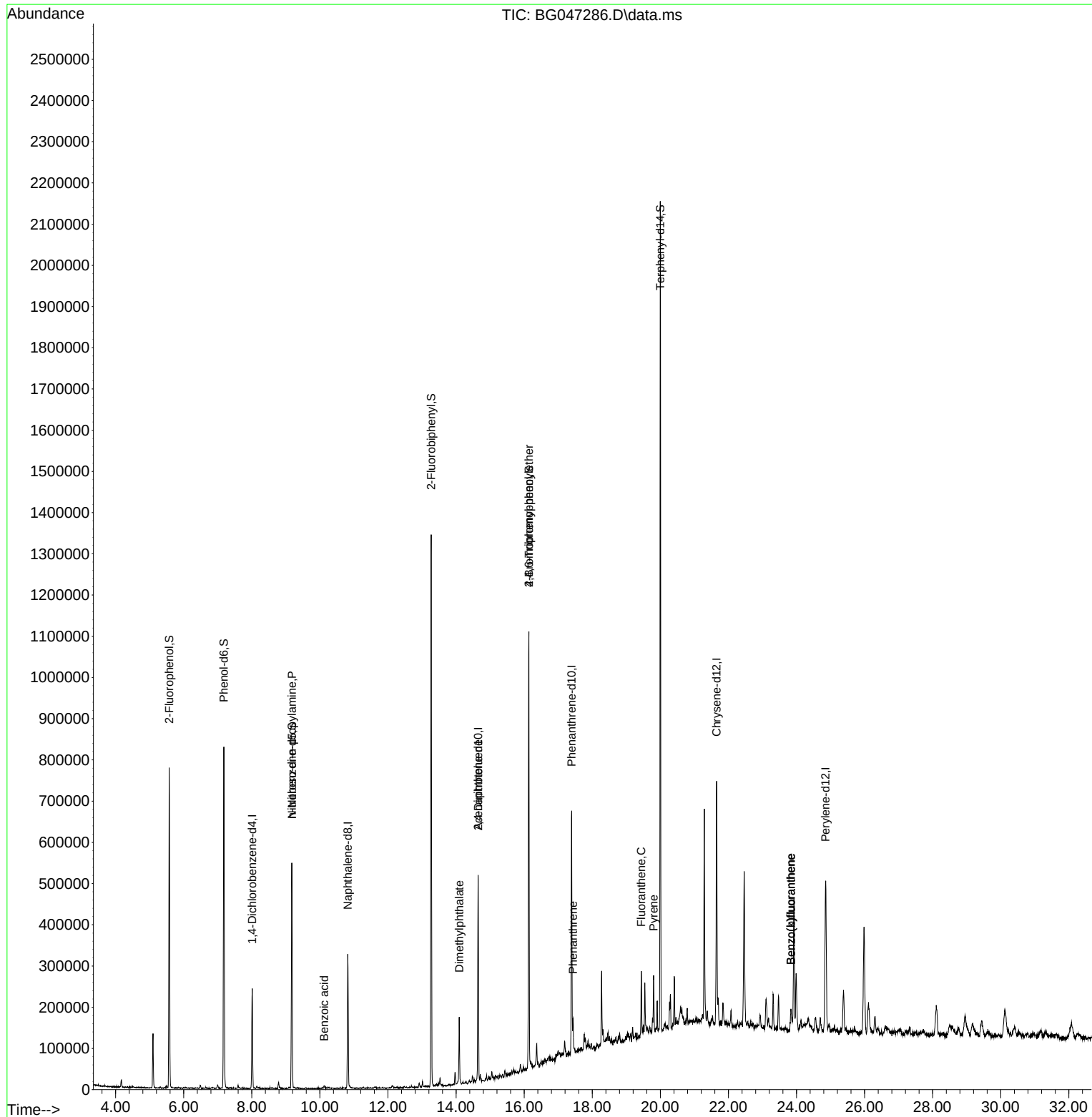
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	63751	20.00	ng	# 0.00
21) Naphthalene-d8	10.820	136	262510	20.00	ng	# 0.00
39) Acenaphthene-d10	14.645	164	177663	20.00	ng	0.00
64) Phenanthrene-d10	17.394	188	373229	20.00	ng	# 0.00
76) Chrysene-d12	21.654	240	363119	20.00	ng	# 0.00
86) Perylene-d12	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						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.175	70	45834	12.25	ng	# 81
32) Benzoic acid	10.127	122	64	4.76	ng	# 1
50) Dimethylphthalate	14.092	163	101058	6.44	ng	100
57) 2,4-Dinitrotoluene	14.645	165	24214	5.10	ng	# 33
67) 4-Bromophenyl-phenylether	16.137	248	14489	2.78	ng	# 1
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
89) Benzo(k)fluoranthene	23.834	252	58512	2.33	ng	93

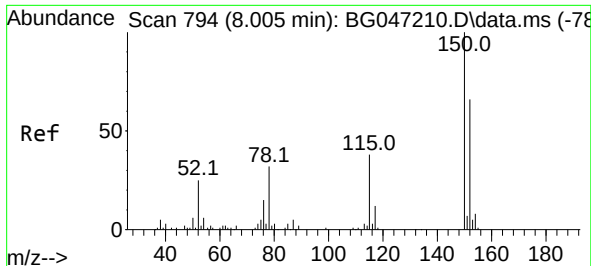
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

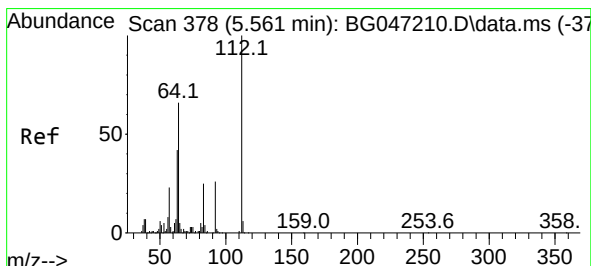
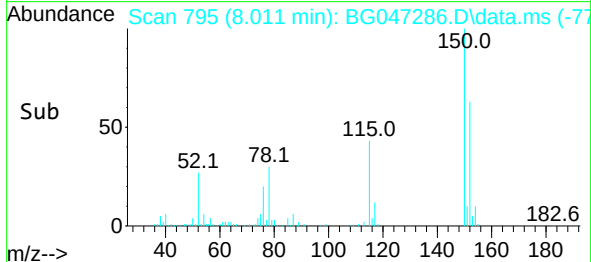
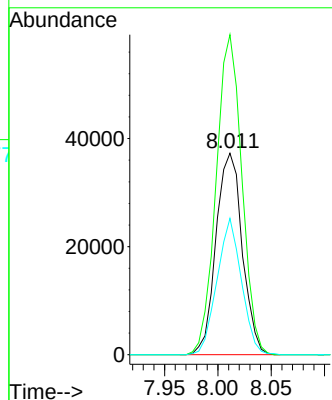
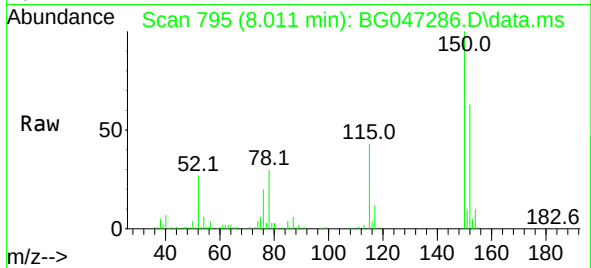




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.011 min Scan# 795
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

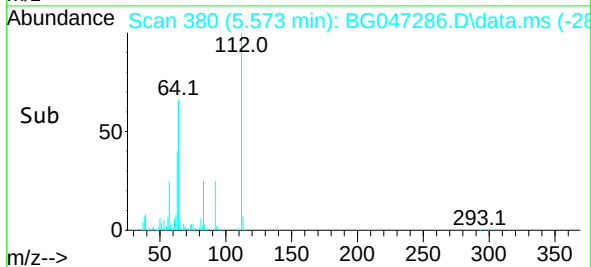
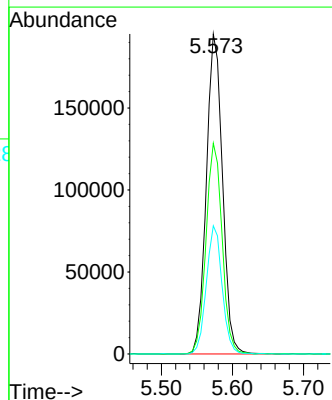
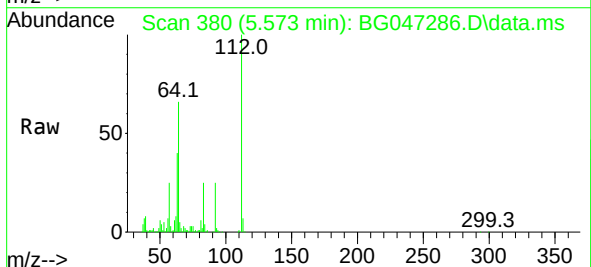
Instrument :
BNA_G
ClientSampleId :
D3

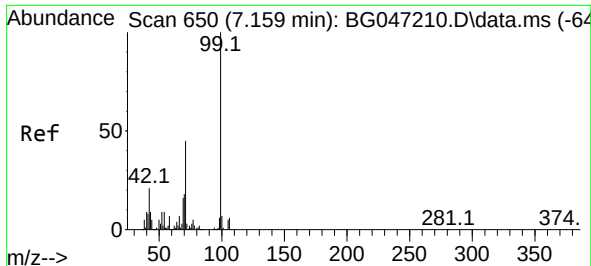
Tgt Ion:152 Resp: 63751
Ion Ratio Lower Upper
152 100
150 158.9 125.0 187.6
115 67.7 41.8 62.6#



#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#

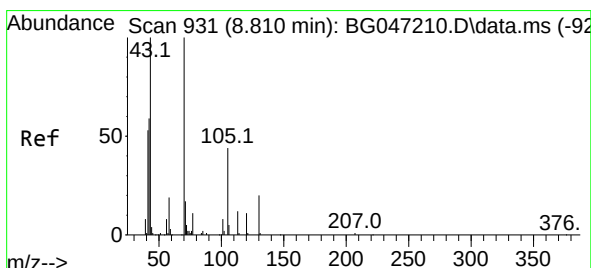
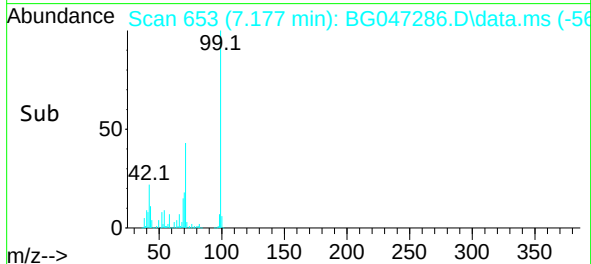
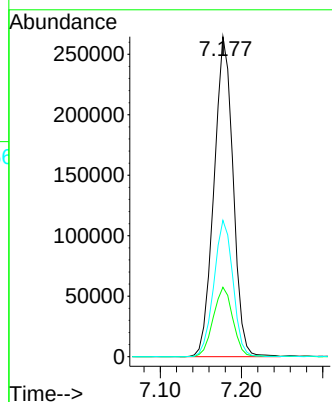
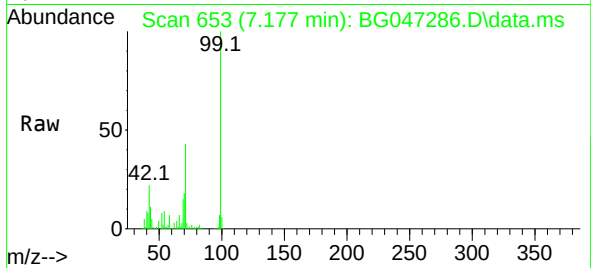




#7
Phenol-d6
Concen: 76.03 ng
RT: 7.177 min Scan# 653
Delta R.T. 0.018 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

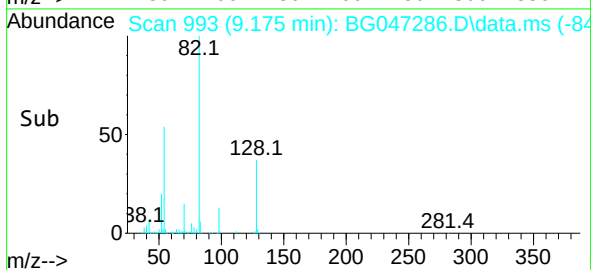
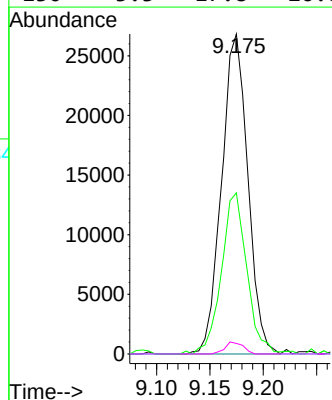
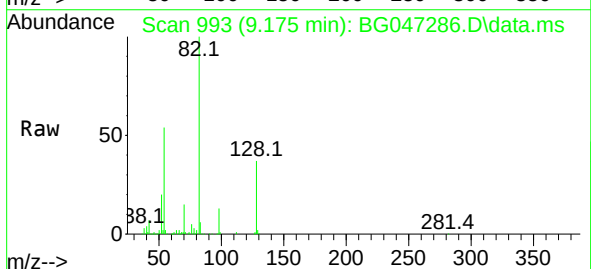
Instrument :
BNA_G
ClientSampleId :
D3

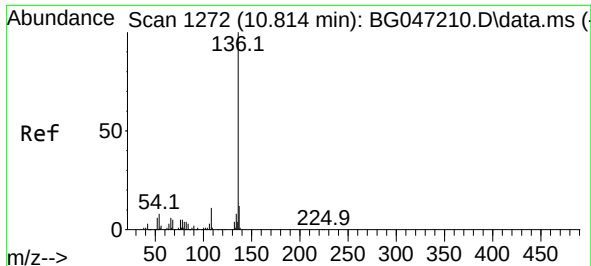
Tgt Ion: 99 Resp: 432876
Ion Ratio Lower Upper
99 100
42 21.7 12.8 19.2#
71 42.6 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 12.25 ng
RT: 9.175 min Scan# 993
Delta R.T. 0.365 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

Tgt Ion: 70 Resp: 45834
Ion Ratio Lower Upper
70 100
42 50.4 45.6 68.4
101 0.0 8.4 12.6#
130 3.3 17.8 26.8#

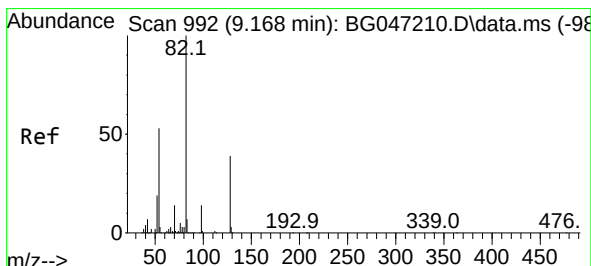
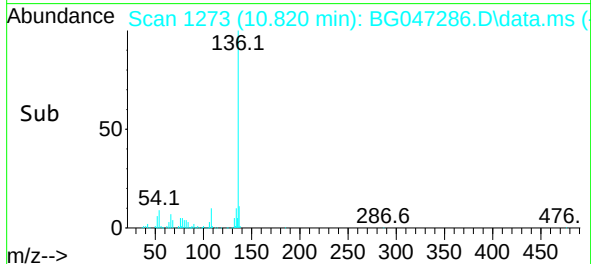
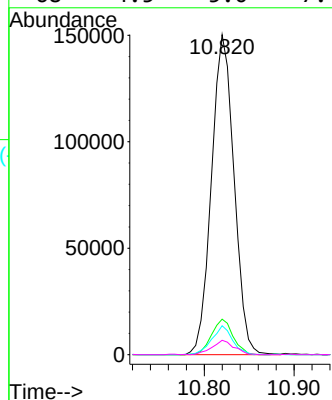
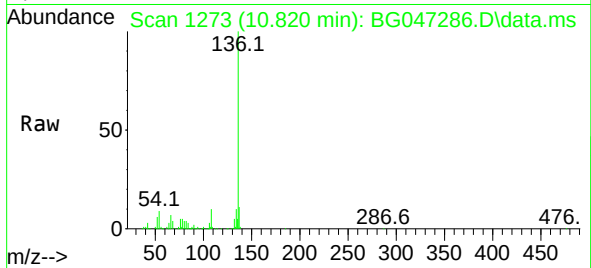




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.820 min Scan# 1273
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

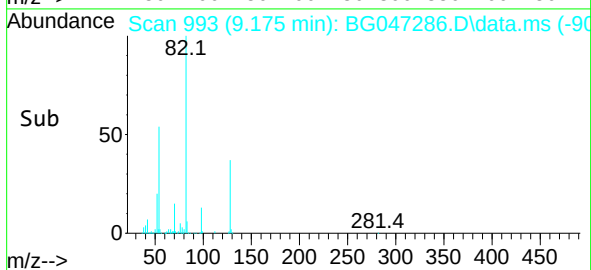
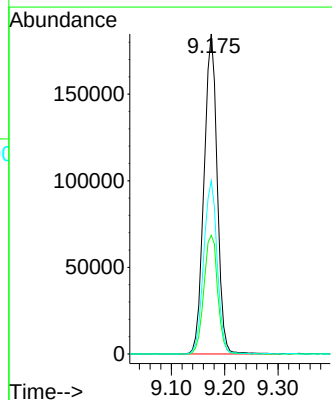
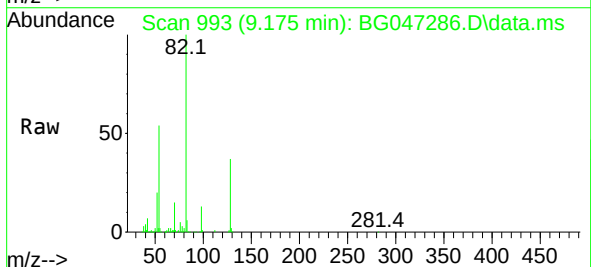
Instrument :
BNA_G
ClientSampleId :
D3

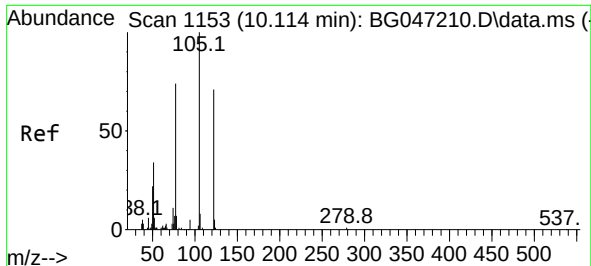
Tgt Ion:	136	Resp:	262510
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.1	6.2	9.4
68	4.5	5.0	7.4



#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

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

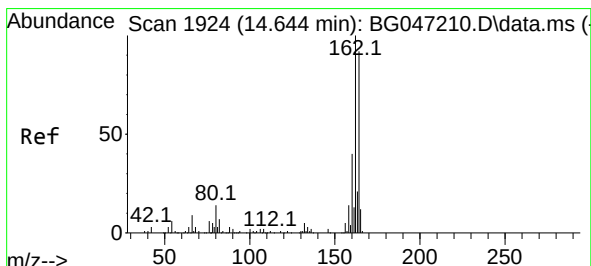
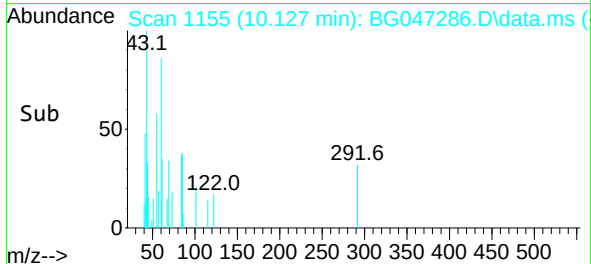
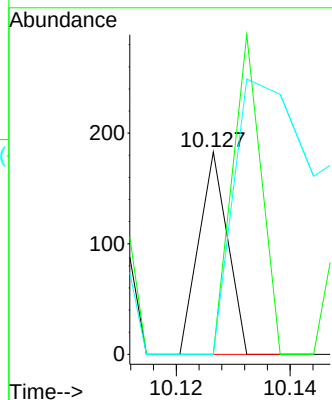
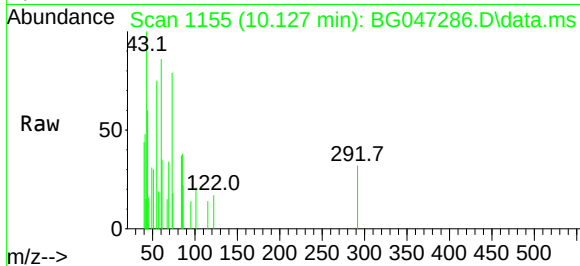




#32
Benzoic acid
Concen: 4.76 ng
RT: 10.127 min Scan# 1155
Delta R.T. 0.012 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

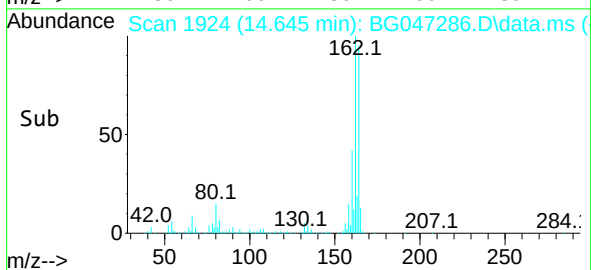
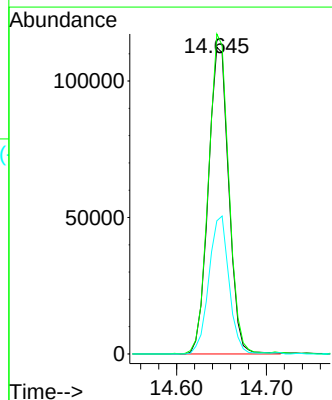
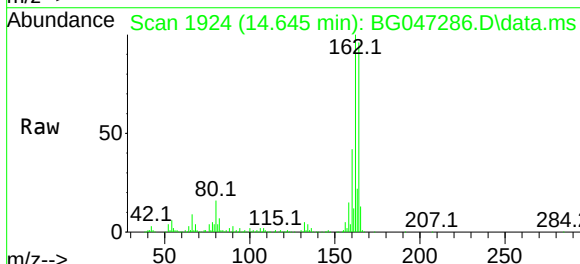
Instrument :
BNA_G
ClientSampled :
D3

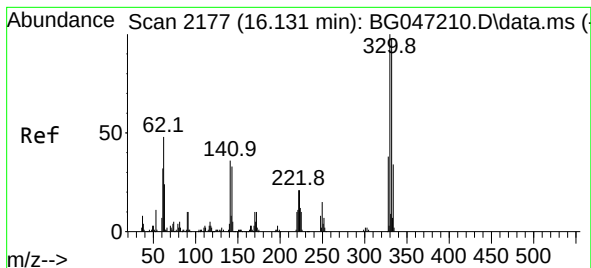
Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



#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

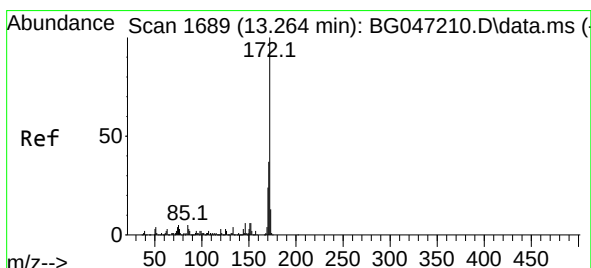
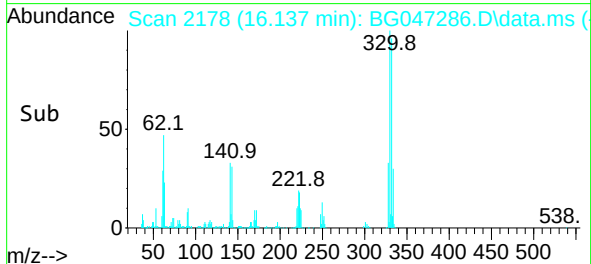
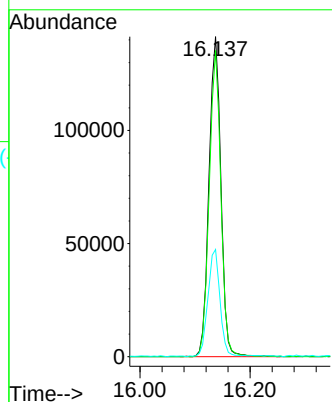
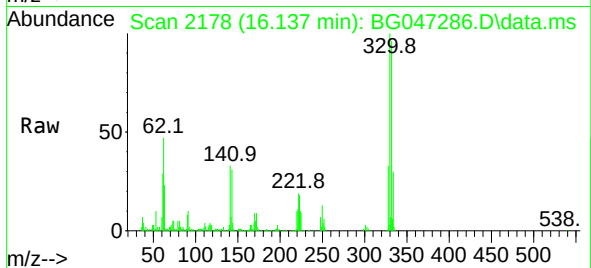




#42
2,4,6-Tribromophenol
Concen: 71.26 ng
RT: 16.137 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

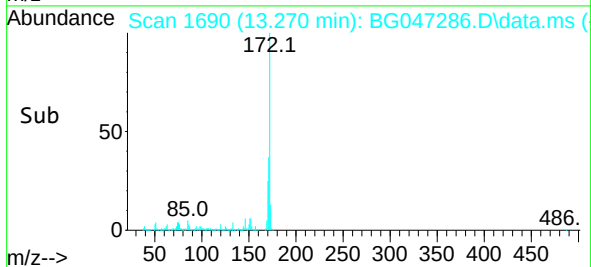
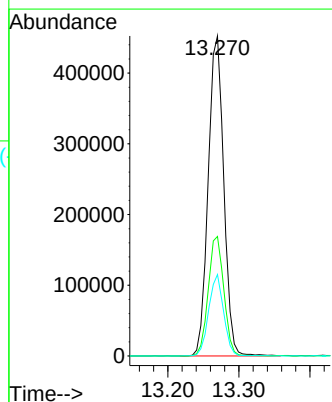
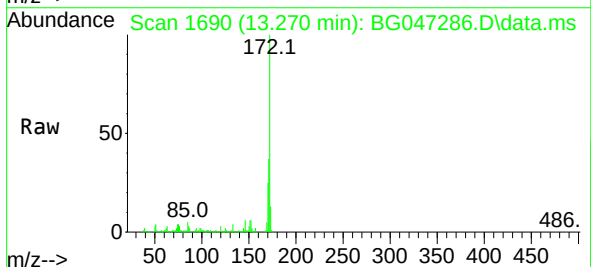
Instrument :
BNA_G
ClientSampleId :
D3

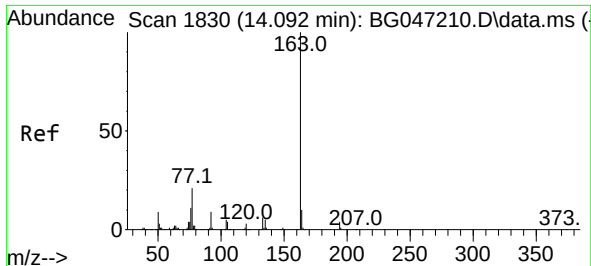
Tgt Ion:330 Resp: 212015
Ion Ratio Lower Upper
330 100
332 93.8 76.5 114.7
141 34.3 26.0 39.0



#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

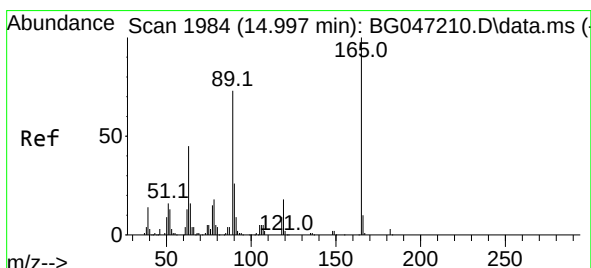
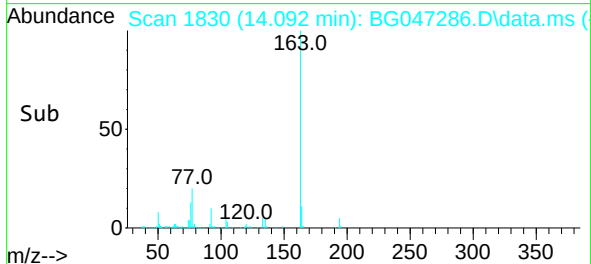
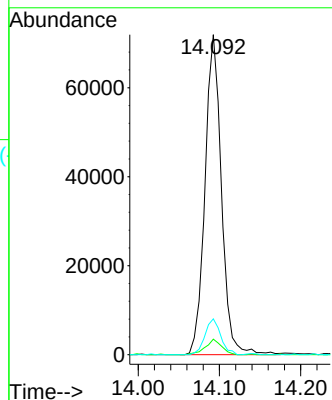
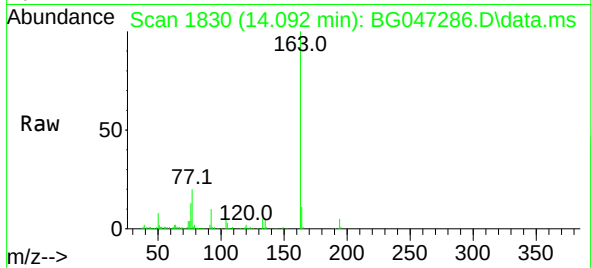




#50
Dimethylphthalate
Concen: 6.44 ng
RT: 14.092 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

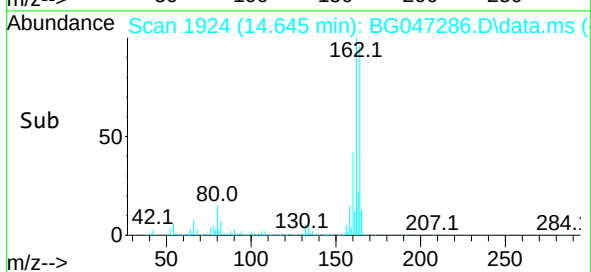
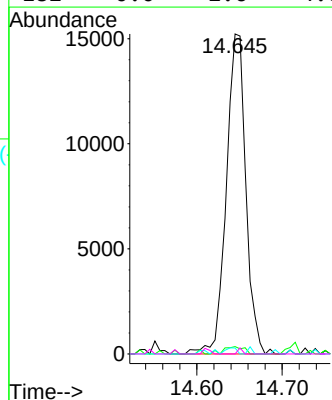
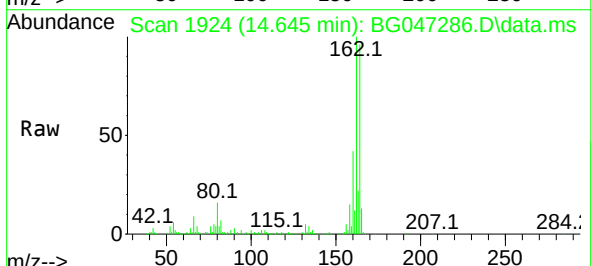
Instrument :
BNA_G
ClientSampleId :
D3

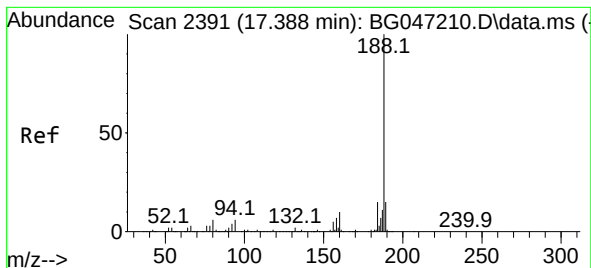
Tgt Ion:163 Resp: 101058
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.8
164 11.2 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.10 ng
RT: 14.645 min Scan# 1924
Delta R.T. -0.352 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

Tgt Ion:165 Resp: 24214
Ion Ratio Lower Upper
165 100
63 2.3 26.4 39.6#
89 1.9 47.8 71.8#
182 0.0 2.6 4.0#

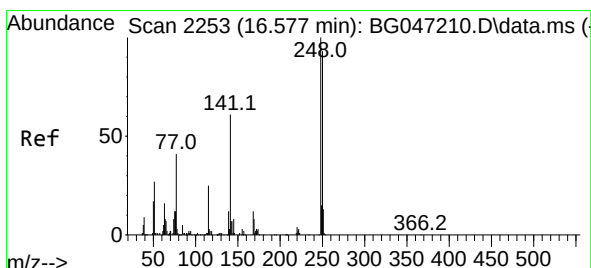
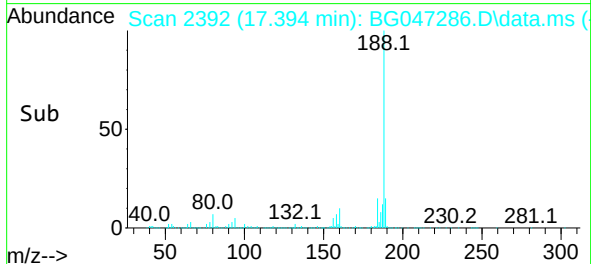
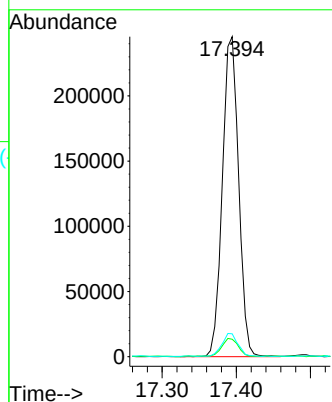
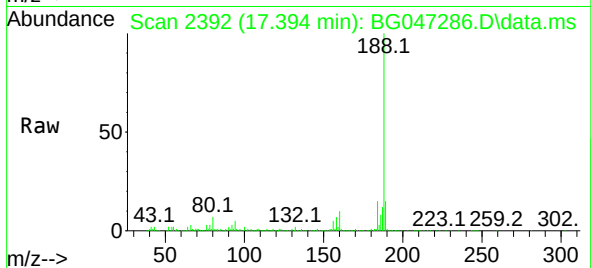




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.394 min Scan# 2392
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

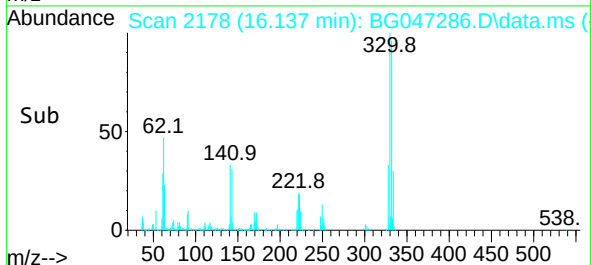
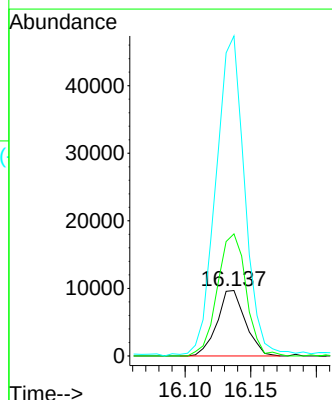
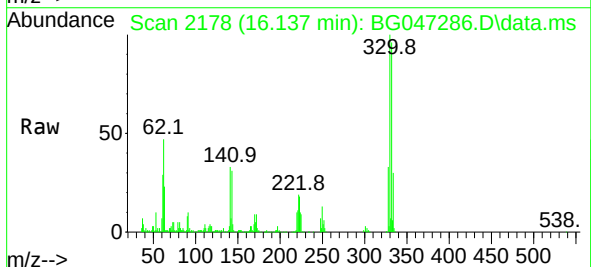
Instrument :
BNA_G
ClientSampleId :
D3

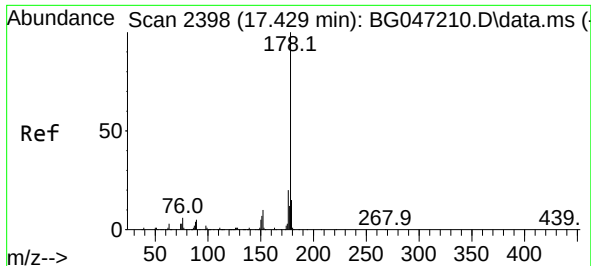
Tgt Ion:188 Resp: 373229
Ion Ratio Lower Upper
188 100
94 5.4 6.3 9.5#
80 7.2 7.0 10.6



#67
4-Bromophenyl-phenylether
Concen: 2.78 ng
RT: 16.137 min Scan# 2178
Delta R.T. -0.440 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

Tgt Ion:248 Resp: 14489
Ion Ratio Lower Upper
248 100
250 186.6 78.9 118.3#
141 489.0 46.2 69.4#

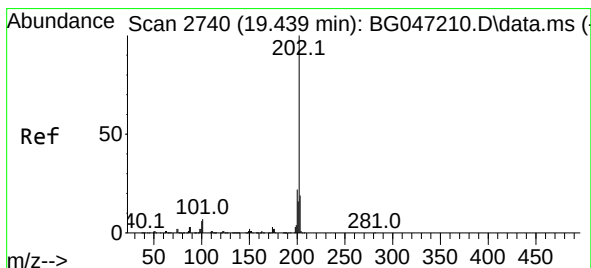
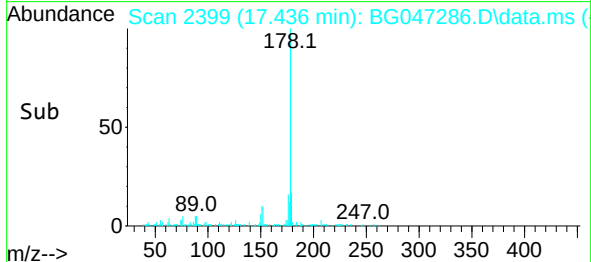
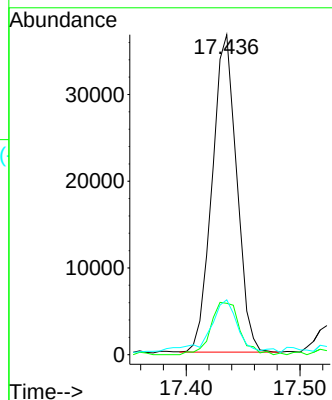
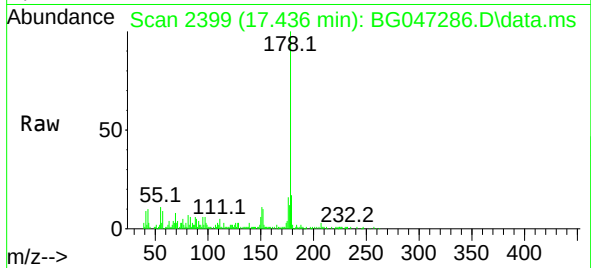




#71
Phenanthrene
Concen: 2.53 ng
RT: 17.436 min Scan# 2399
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

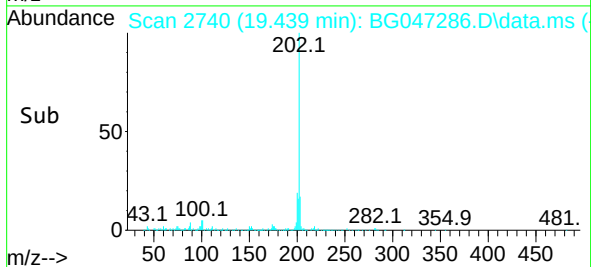
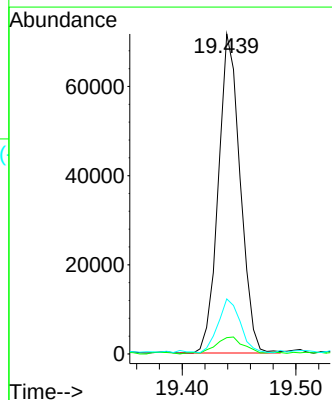
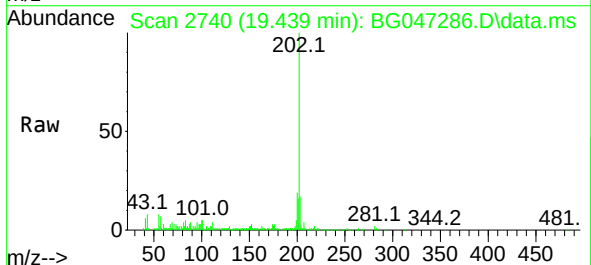
Instrument :
BNA_G
ClientSampled :
D3

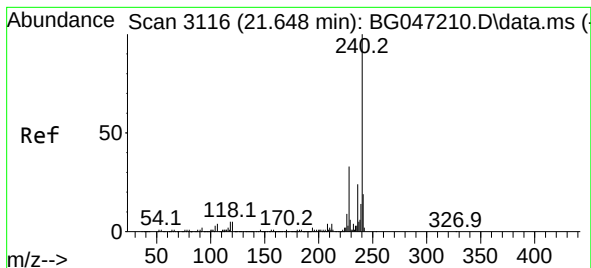
Tgt Ion:178 Resp: 54786
Ion Ratio Lower Upper
178 100
176 16.0 16.7 25.1#
179 17.1 14.0 21.0



#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

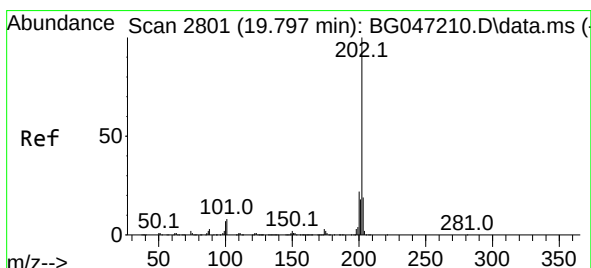
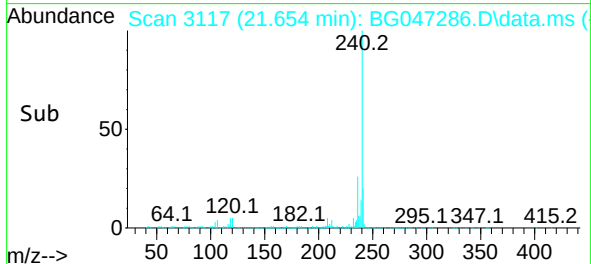
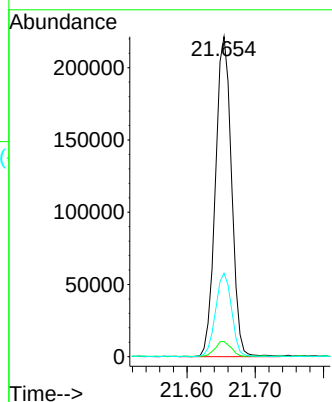
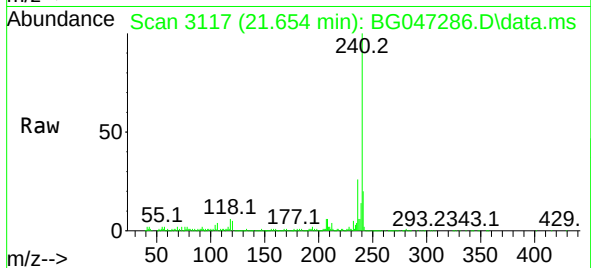




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.654 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

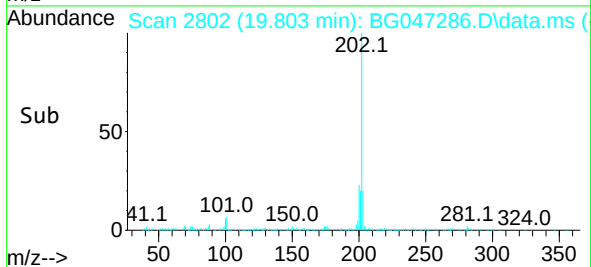
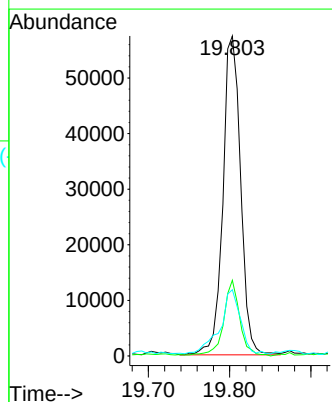
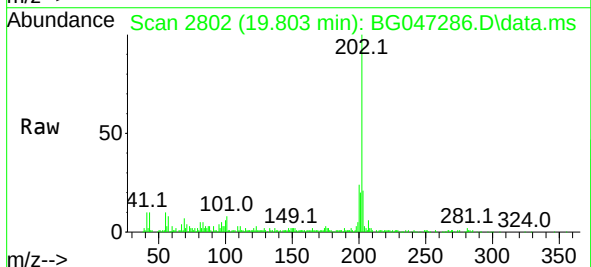
Instrument :
BNA_G
ClientSampled :
D3

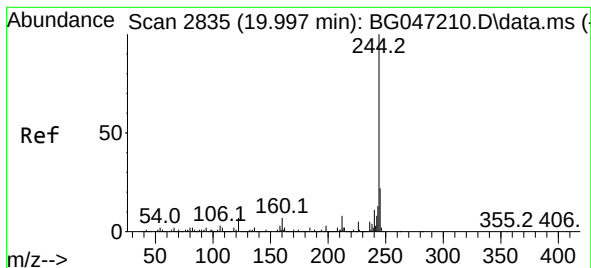
Tgt Ion:240 Resp: 363119
Ion Ratio Lower Upper
240 100
120 4.8 6.2 9.4#
236 26.1 20.5 30.7



#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

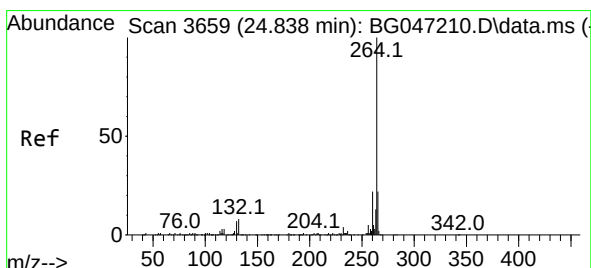
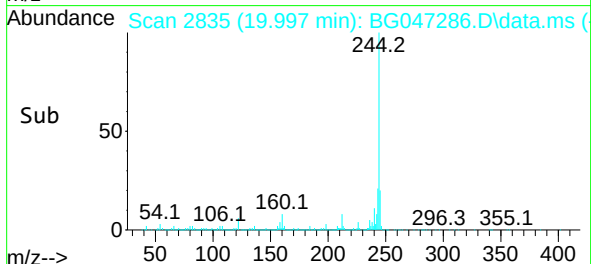
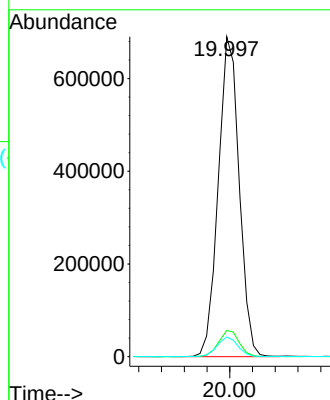
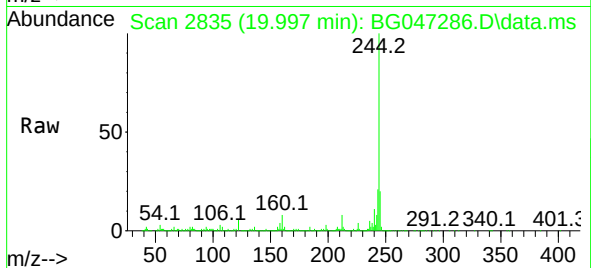
Instrument :

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

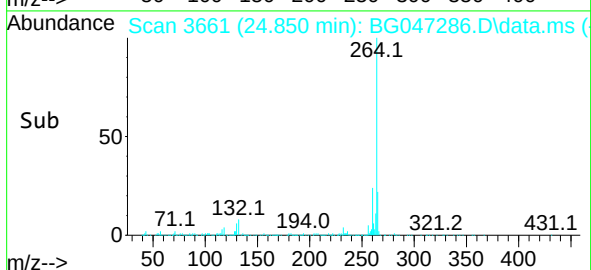
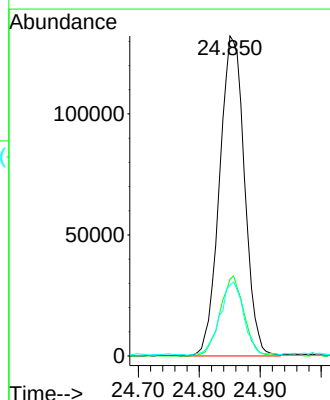
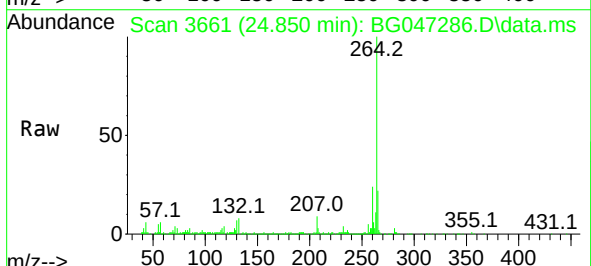
RT: 24.850 min Scan# 3661

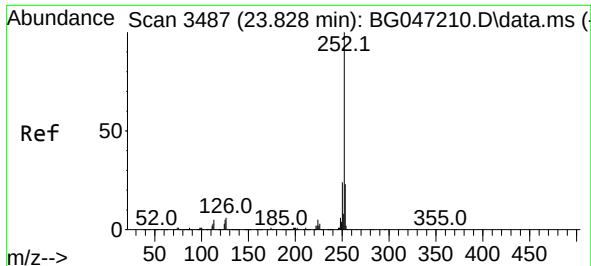
Delta R.T. 0.012 min

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

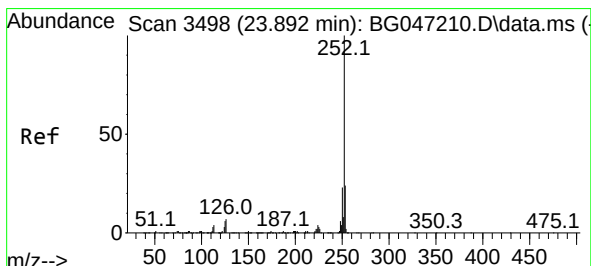
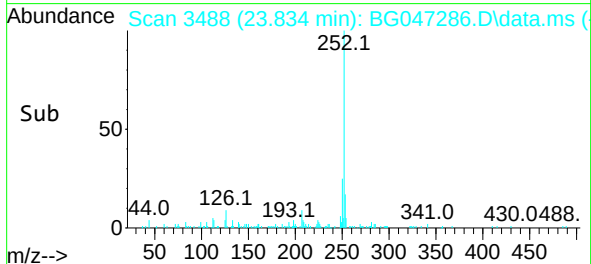
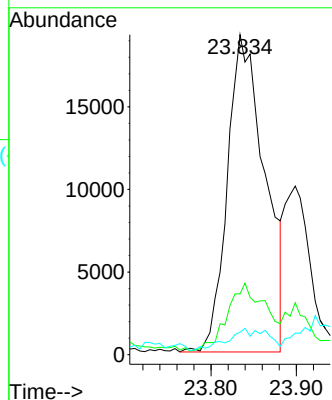
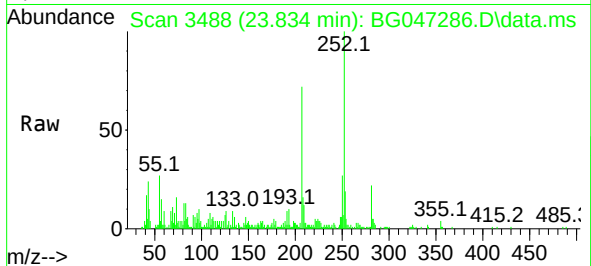




#88
Benzo(b)fluoranthene
Concen: 2.28 ng
RT: 23.834 min Scan# 3488
Delta R.T. 0.006 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

Instrument :
BNA_G
ClientSampled :
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



#89
Benzo(k)fluoranthene
Concen: 2.33 ng
RT: 23.834 min Scan# 3488
Delta R.T. -0.058 min
Lab File: BG047286.D
Acq: 11 Nov 2020 16:02

Tgt Ion:252 Resp: 58512
Ion Ratio Lower Upper
252 100
253 19.0 18.6 27.8
125 7.0 6.8 10.2

