

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111120\
 Data File : BG047285.D
 Acq On : 11 Nov 2020 15:21
 Operator : CG/JU
 Sample : L4654-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D2

Quant Time: Nov 11 16:01:27 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)

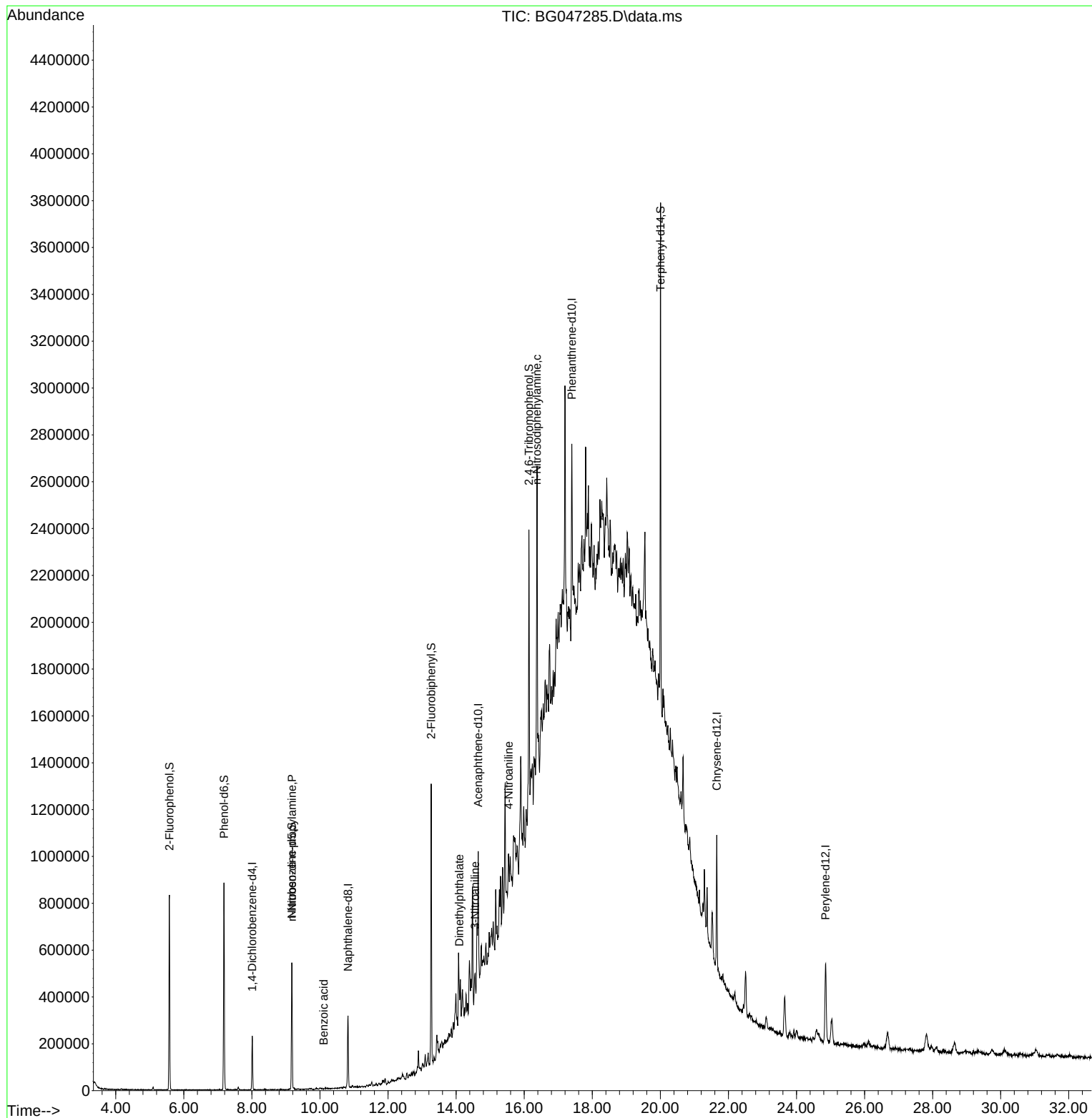
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	60537	20.00	ng	0.00
21) Naphthalene-d8	10.823	136	245055	20.00	ng	# 0.00
39) Acenaphthene-d10	14.648	164	150796	20.00	ng	0.00
64) Phenanthrene-d10	17.397	188	335202	20.00	ng	0.00
76) Chrysene-d12	21.657	240	346237	20.00	ng	# 0.00
86) Perylene-d12	24.853	264	364906	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.576	112	327392	87.66	ng	0.02
7) Phenol-d6	7.180	99	449886	83.22	ng	0.02
23) Nitrobenzene-d5	9.172	82	315260	55.21	ng	0.00
42) 2,4,6-Tribromophenol	16.140	330	217897	86.29	ng	0.00
45) 2-Fluorobiphenyl	13.267	172	590966	50.26	ng	0.00
79) Terphenyl-d14	20.006	244	864443	43.90	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.178	70	47566	13.39	ng	# 72
32) Benzoic acid	10.112	122	62	4.76	ng	# 1
50) Dimethylphthalate	14.095	163	67588	5.08	ng	# 95
53) 3-Nitroaniline	14.560	138	6051	2.20	ng	# 39
62) 4-Nitroaniline	15.541	138	10354	3.51	ng	96
66) n-Nitrosodiphenylamine	16.369	169	37899	3.68	ng	89

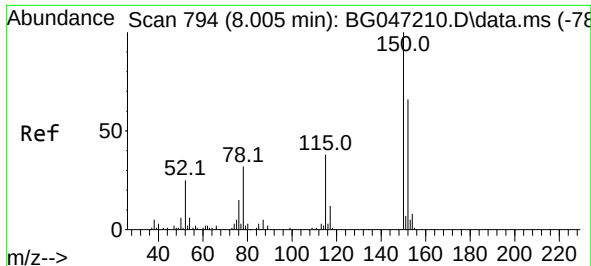
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 16:19:40 2020
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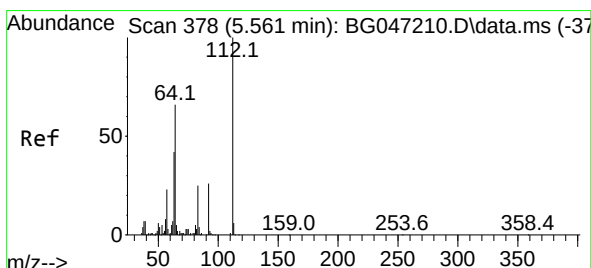
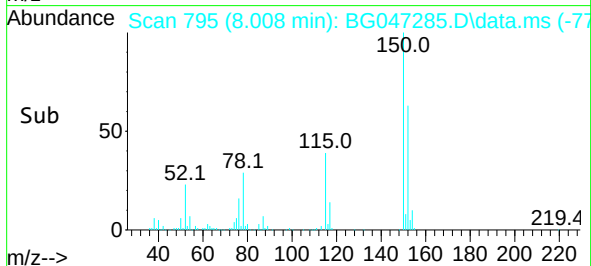
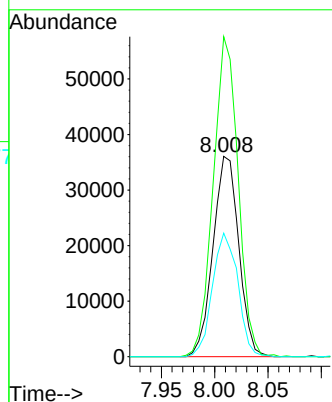
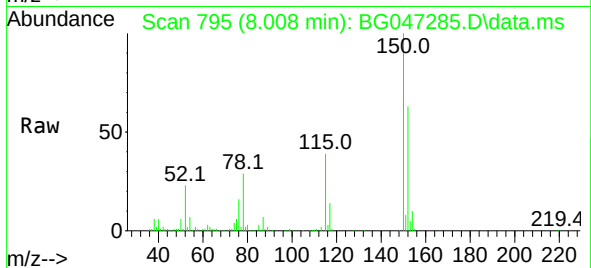




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.008 min Scan# 795
Delta R.T. 0.003 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

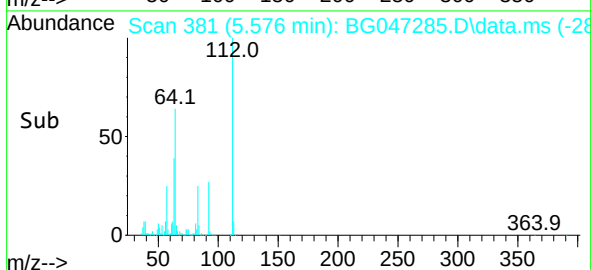
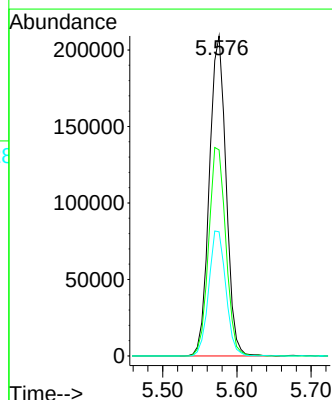
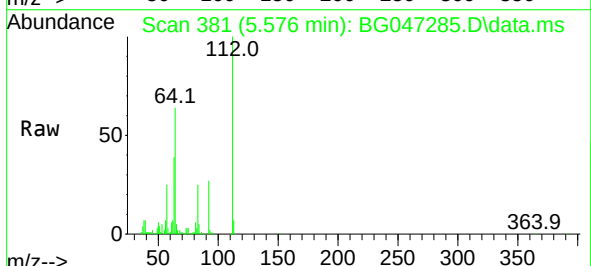
Instrument :
BNA_G
ClientSampleId :
D2

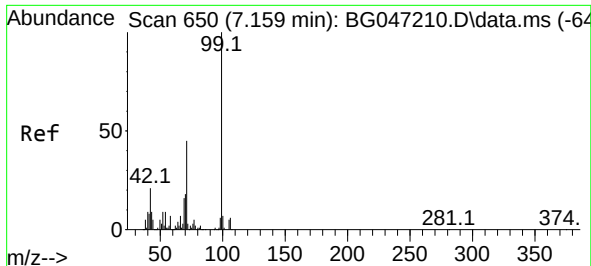
Tgt Ion:152 Resp: 60537
Ion Ratio Lower Upper
152 100
150 159.8 125.0 187.6
115 61.7 41.8 62.6



#5
2-Fluorophenol
Concen: 87.66 ng
RT: 5.576 min Scan# 381
Delta R.T. 0.015 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

Tgt Ion:112 Resp: 327392
Ion Ratio Lower Upper
112 100
64 64.4 46.7 70.1
63 38.8 22.8 34.2#

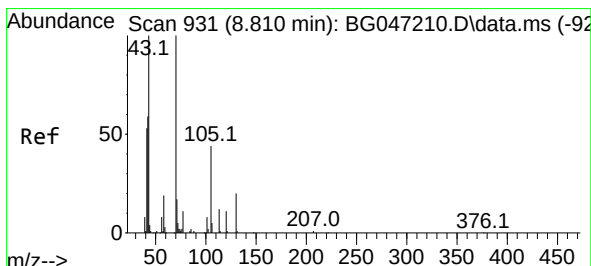
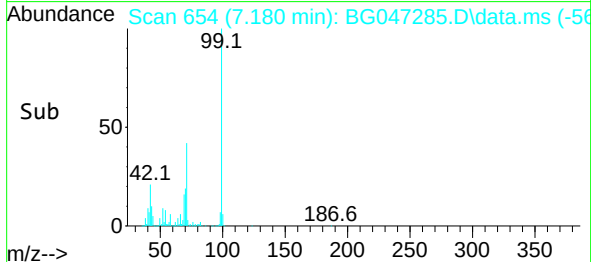
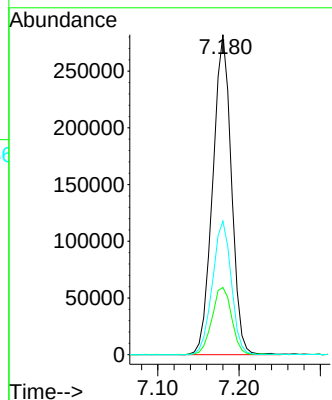
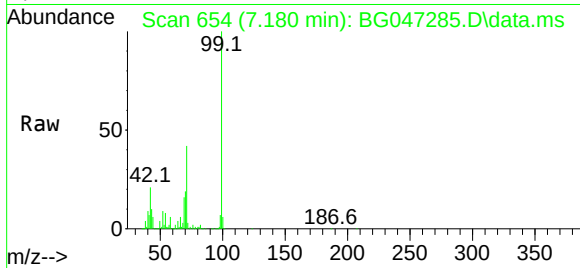




#7
Phenol-d6
Concen: 83.22 ng
RT: 7.180 min Scan# 654
Delta R.T. 0.021 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

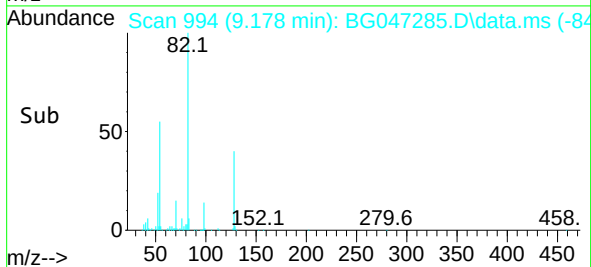
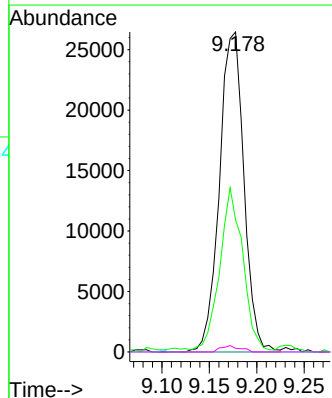
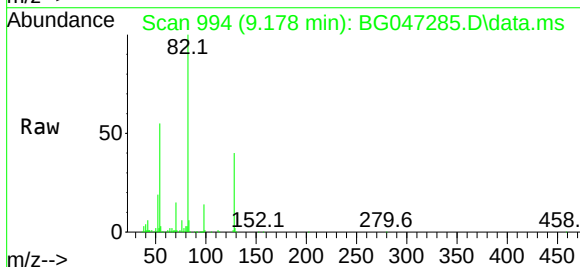
Instrument :
BNA_G
ClientSampleId :
D2

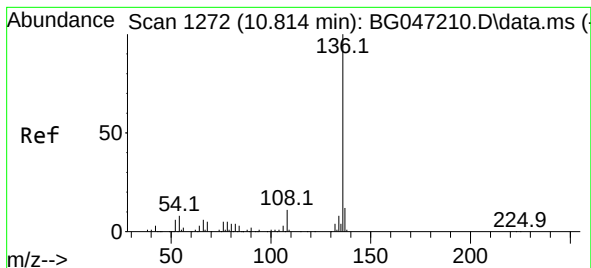
Tgt Ion: 99 Resp: 449886
Ion Ratio Lower Upper
99 100
42 21.0 12.8 19.2#
71 41.8 24.6 36.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.39 ng
RT: 9.178 min Scan# 994
Delta R.T. 0.368 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

Tgt Ion: 70 Resp: 47566
Ion Ratio Lower Upper
70 100
42 41.3 45.6 68.4#
101 0.0 8.4 12.6#
130 1.2 17.8 26.8#

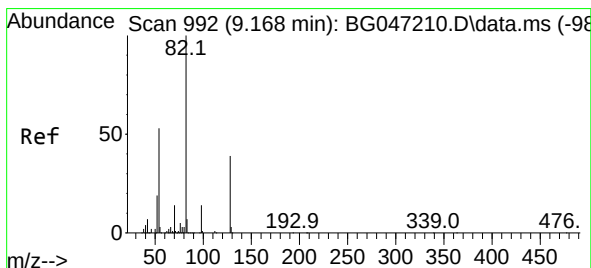
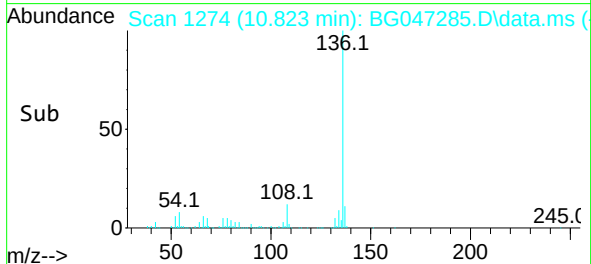
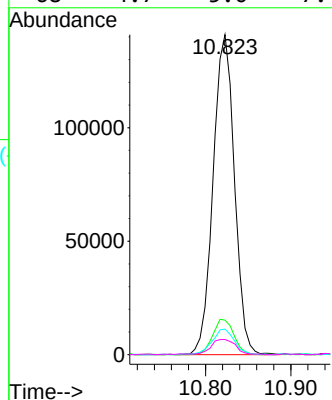
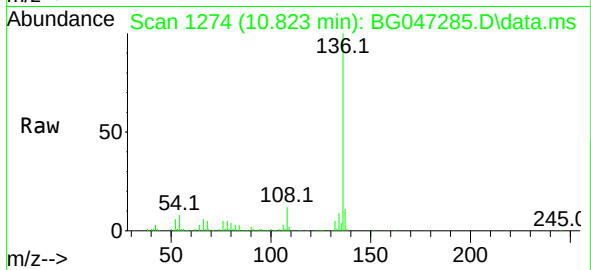




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.823 min Scan# 1274
Delta R.T. 0.009 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

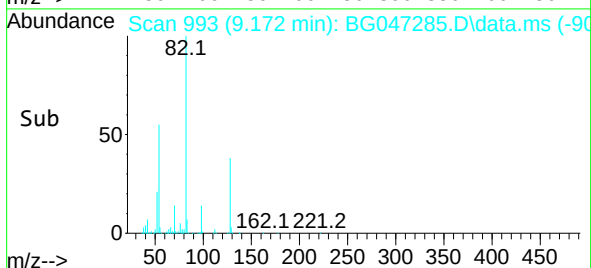
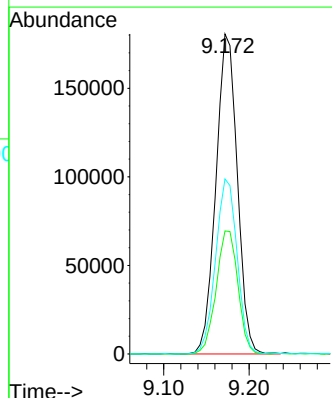
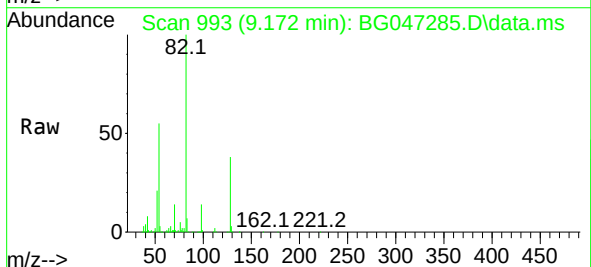
Instrument :
BNA_G
ClientSampleId :
D2

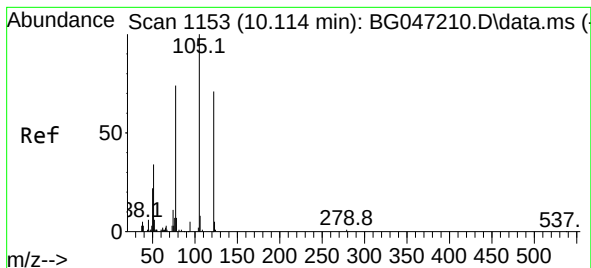
Tgt Ion:	136	Resp:	245055
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.1	13.7
54	8.0	6.2	9.4
68	4.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 55.21 ng
RT: 9.172 min Scan# 993
Delta R.T. 0.003 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

Tgt Ion:	82	Resp:	315260
Ion Ratio	Lower	Upper	
82	100		
128	38.5	37.0	55.6
54	54.7	39.0	58.4

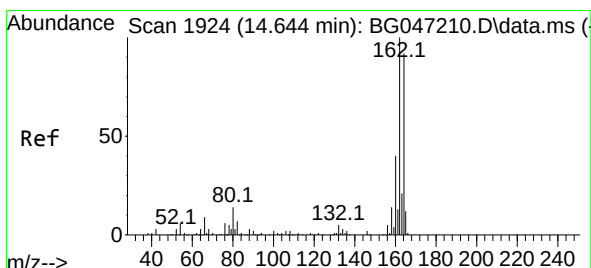
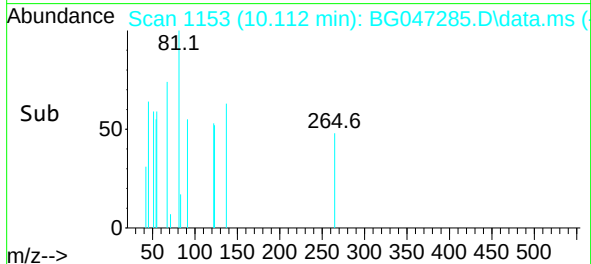
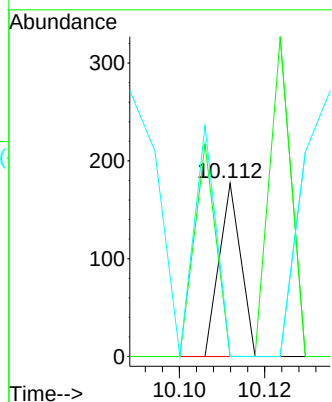
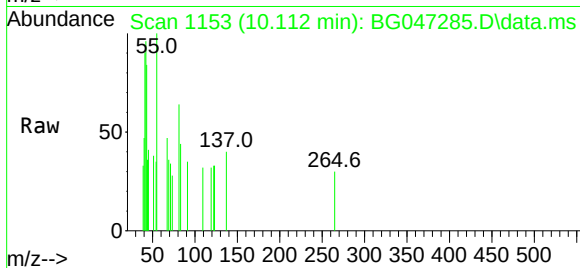




#32
Benzoic acid
Concen: 4.76 ng
RT: 10.112 min Scan# 1153
Delta R.T. -0.002 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

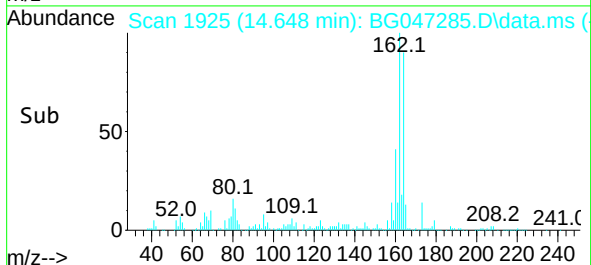
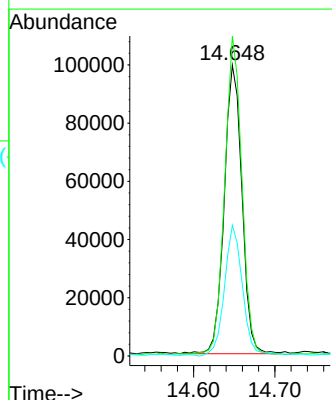
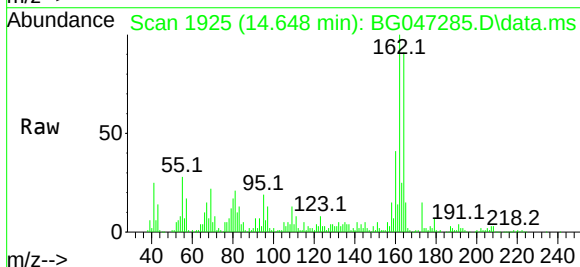
Instrument :
BNA_G
ClientSampleId :
D2

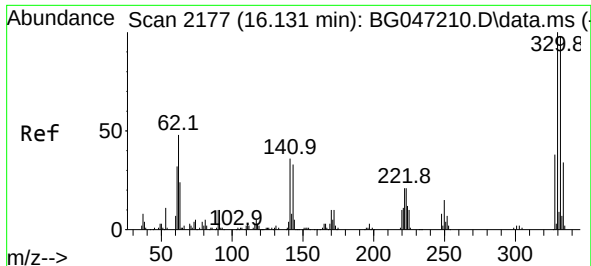
Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 0.0 103.7 143.7#
77 0.0 63.0 103.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.648 min Scan# 1925
Delta R.T. 0.003 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

Tgt Ion:164 Resp: 150796
Ion Ratio Lower Upper
164 100
162 110.1 82.3 123.5
160 45.0 35.3 52.9

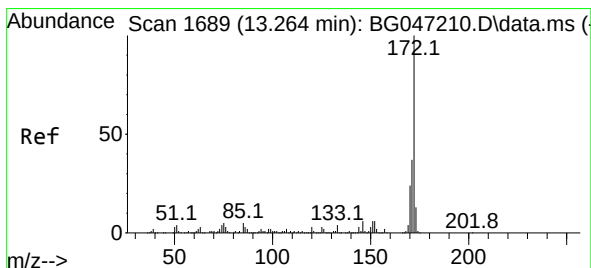
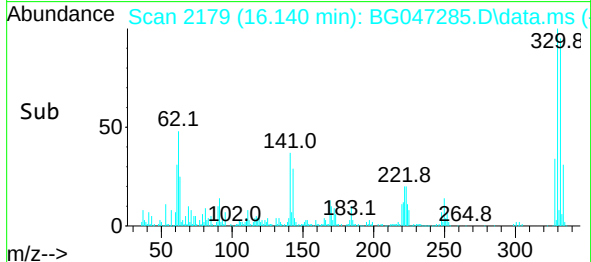
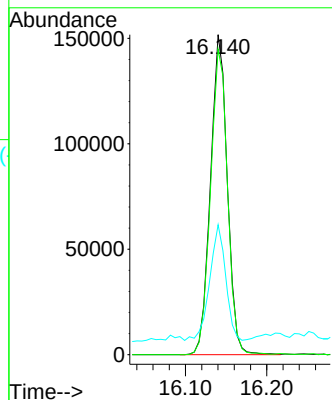
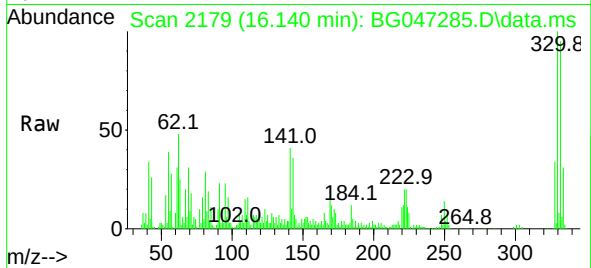




#42
2,4,6-Tribromophenol
Concen: 86.29 ng
RT: 16.140 min Scan# 2179
Delta R.T. 0.009 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

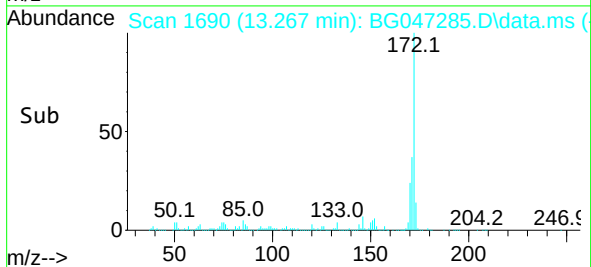
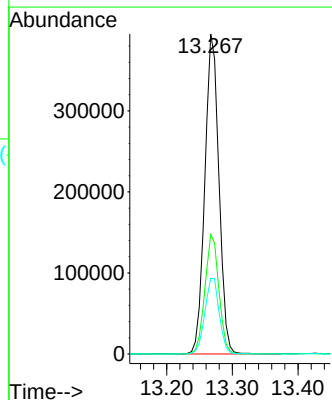
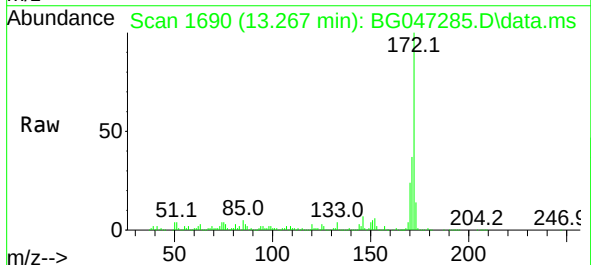
Instrument :
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ClientSampleId :
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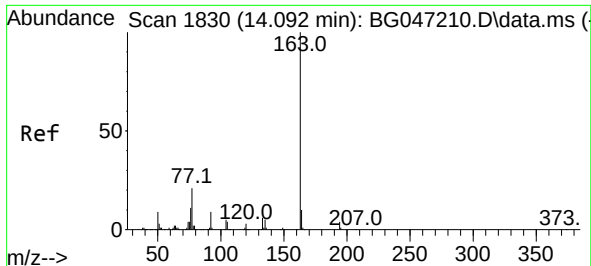
Tgt Ion:330 Resp: 217897
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 34.5 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 50.26 ng
RT: 13.267 min Scan# 1690
Delta R.T. 0.003 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

Tgt Ion:172 Resp: 590966
Ion Ratio Lower Upper
172 100
171 37.3 31.3 46.9
170 23.7 20.8 31.2

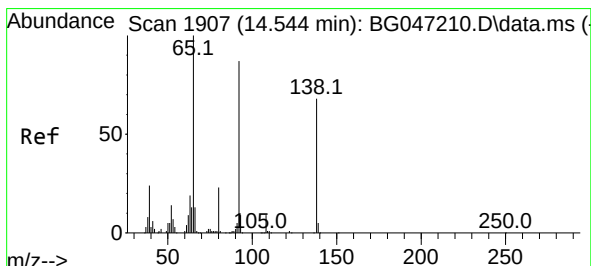
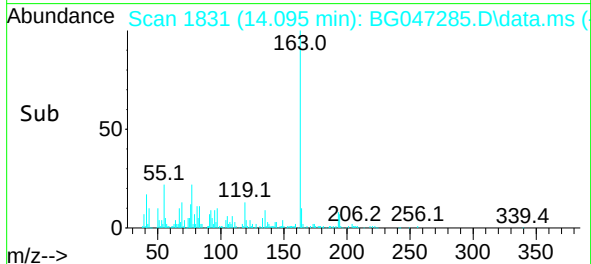
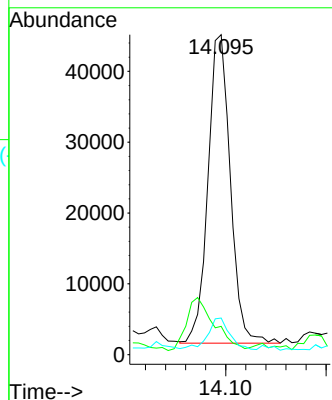
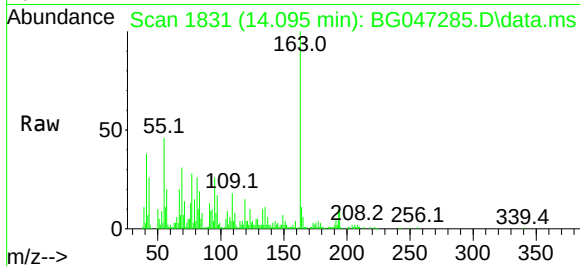




#50
Dimethylphthalate
Concen: 5.08 ng
RT: 14.095 min Scan# 1831
Delta R.T. 0.003 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

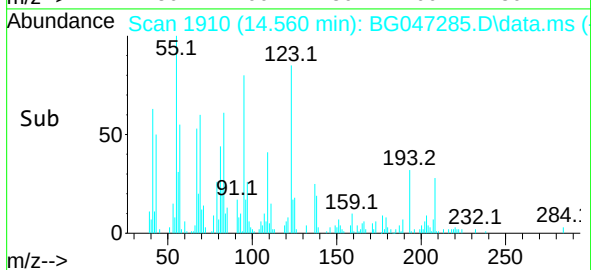
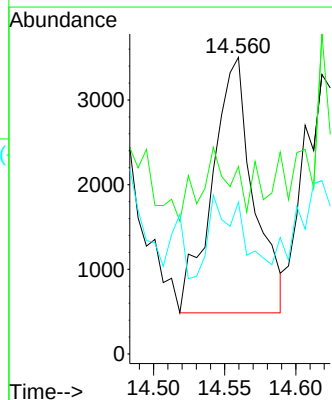
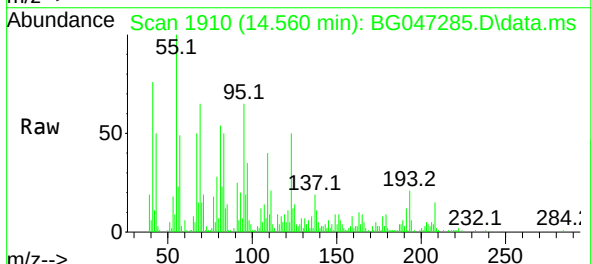
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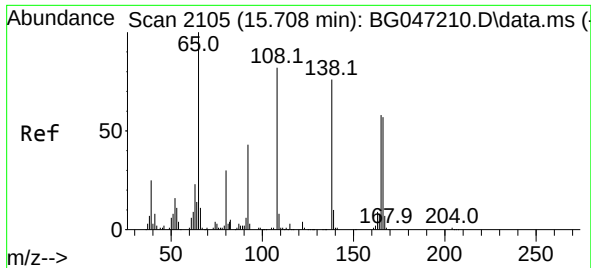
Tgt Ion:163 Resp: 67588
Ion Ratio Lower Upper
163 100
194 8.8 3.8 5.8#
164 11.4 8.8 13.2



#53
3-Nitroaniline
Concen: 2.20 ng
RT: 14.560 min Scan# 1910
Delta R.T. 0.015 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

Tgt Ion:138 Resp: 6051
Ion Ratio Lower Upper
138 100
108 63.2 7.4 11.0#
92 51.3 85.2 127.8#

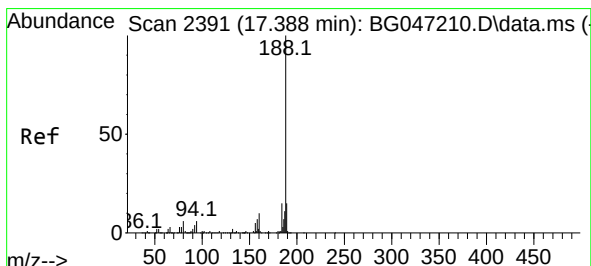
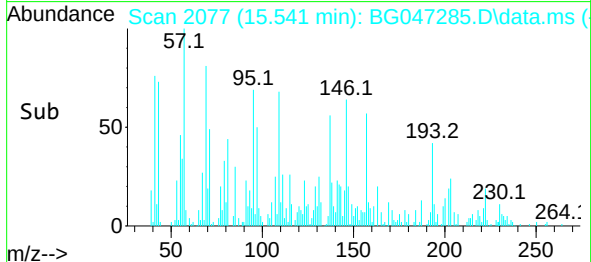
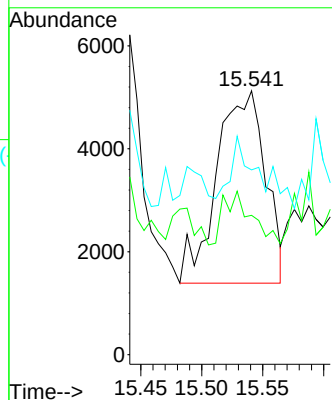
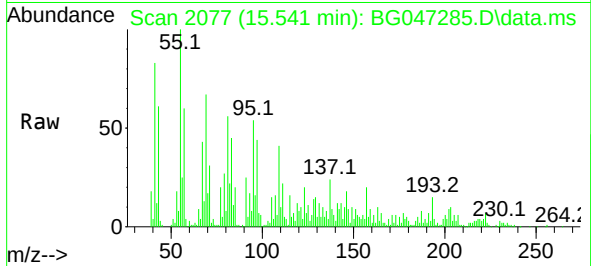




#62
4-Nitroaniline
Concen: 3.51 ng
RT: 15.541 min Scan# 2077
Delta R.T. -0.167 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

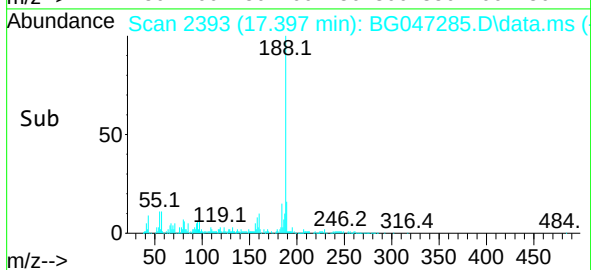
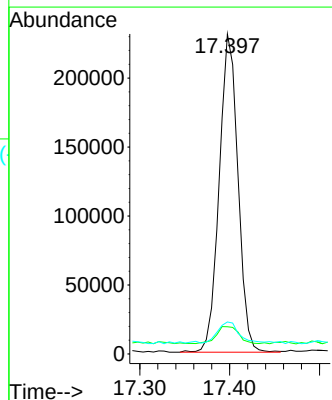
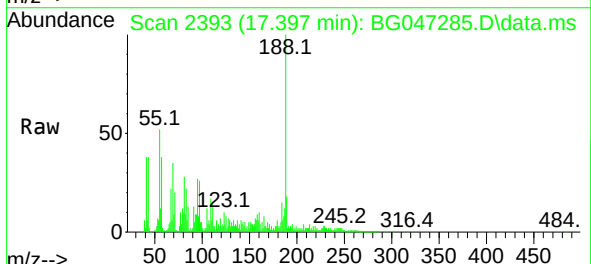
Instrument :
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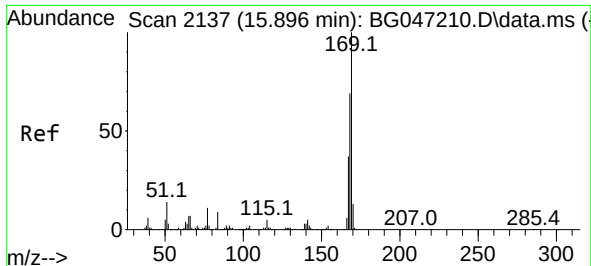
Tgt Ion:138 Resp: 10354
Ion Ratio Lower Upper
138 100
92 52.8 26.9 66.9
108 70.0 49.4 89.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.397 min Scan# 2393
Delta R.T. 0.009 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

Tgt Ion:188 Resp: 335202
Ion Ratio Lower Upper
188 100
94 8.5 6.3 9.5
80 10.0 7.0 10.6

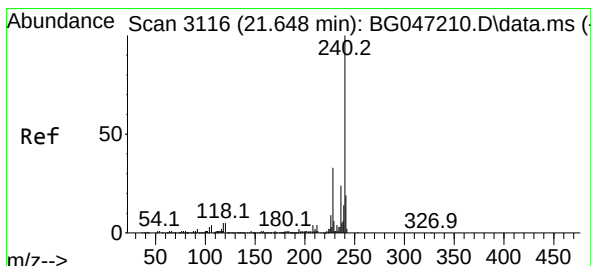
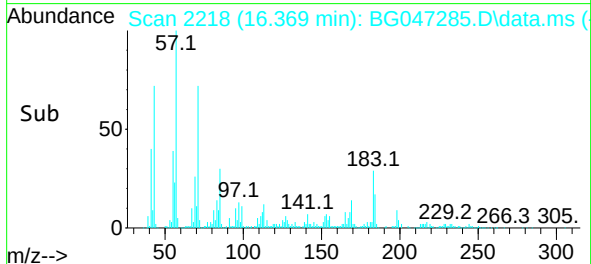
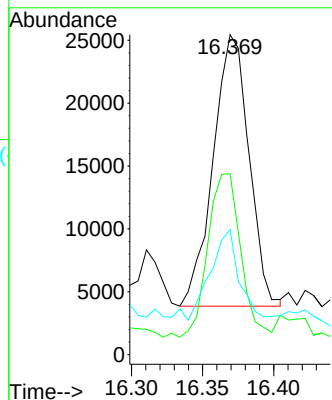
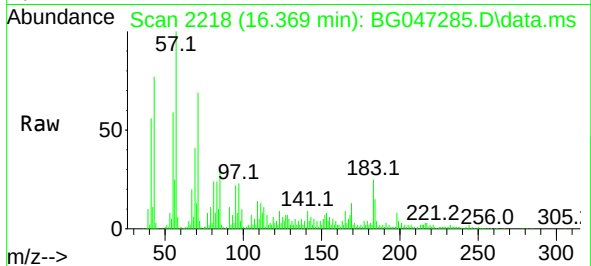




#66
n-Nitrosodiphenylamine
Concen: 3.68 ng
RT: 16.369 min Scan# 2218
Delta R.T. 0.473 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

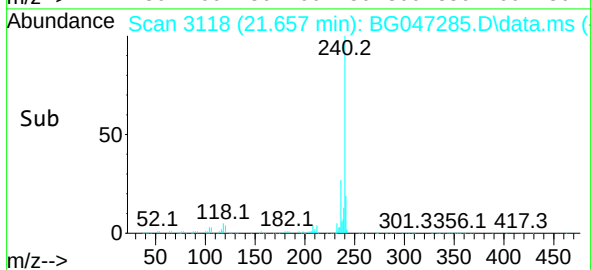
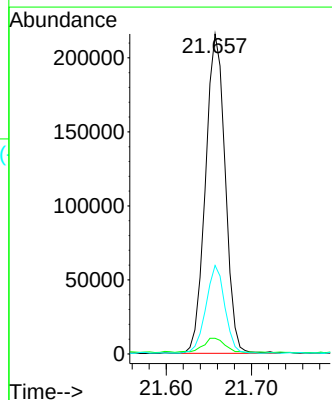
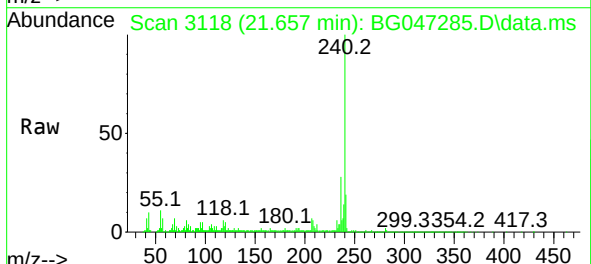
Instrument :
BNA_G
ClientSampleId :
D2

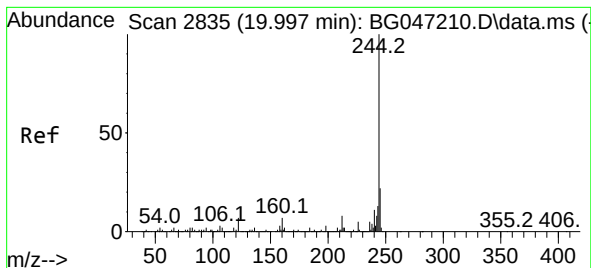
Tgt Ion:169 Resp: 37899
Ion Ratio Lower Upper
169 100
168 56.6 55.5 83.3
167 39.1 30.5 45.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3118
Delta R.T. 0.009 min
Lab File: BG047285.D
Acq: 11 Nov 2020 15:21

Tgt Ion:240 Resp: 346237
Ion Ratio Lower Upper
240 100
120 4.9 6.2 9.4#
236 27.6 20.5 30.7





#79

Terphenyl-d14

Concen: 43.90 ng

RT: 20.006 min Scan# 2837

Delta R.T. 0.009 min

Lab File: BG047285.D

Acq: 11 Nov 2020 15:21

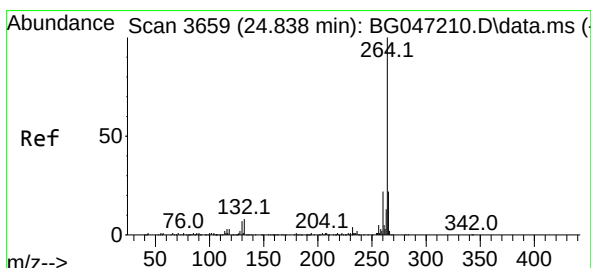
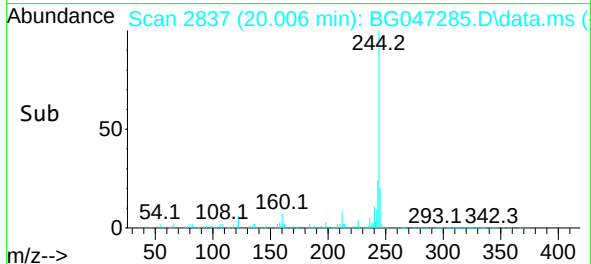
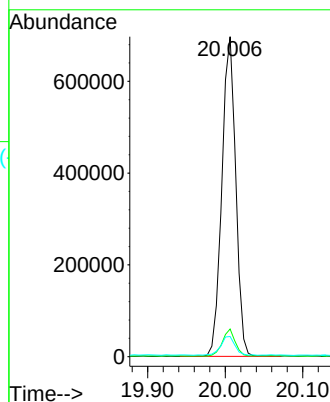
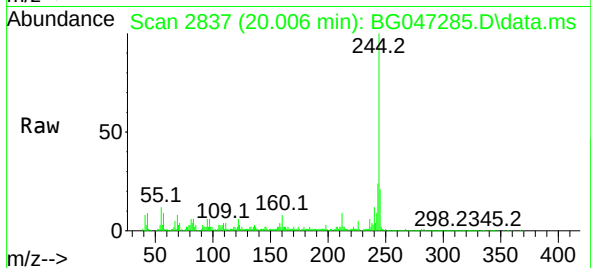
Tgt Ion:244 Resp: 864443

Ion Ratio Lower Upper

244 100

212 8.7 6.7 10.1

122 6.3 7.8 11.6#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.853 min Scan# 3662

Delta R.T. 0.015 min

Lab File: BG047285.D

Acq: 11 Nov 2020 15:21

Tgt Ion:264 Resp: 364906

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.5 17.8 26.8

